

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066474.D
 Acq On : 31 Aug 2020 10:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:38:46 PM

Quant Time: Sep 01 01:08:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	160789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	219550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	197203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	88325	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
35) Dibromofluoromethane	7.91	113	70126	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.34	98	264089	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.63	95	92215	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63306	46.312	ug/l	99
3) Chloromethane	2.21	50	39497	40.763	ug/l	98
4) Vinyl Chloride	2.35	62	48698	46.810	ug/l	95
5) Bromomethane	2.76	94	42336	54.407	ug/l	99
6) Chloroethane	2.93	64	33041	49.600	ug/l	97
7) Trichlorofluoromethane	3.28	101	152002	53.732	ug/l	98
8) Diethyl Ether	3.71	74	29226	46.110	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65911	47.211	ug/l	96
10) Methyl Iodide	4.30	142	73385	46.087	ug/l	93
11) Tert butyl alcohol	5.21	59	22856	253.564	ug/l	96
12) 1,1-Dichloroethene	4.07	96	61925	47.254	ug/l	98
13) Acrolein	3.93	56	9897	141.384	ug/l	91
14) Allyl chloride	4.71	41	71522	40.889	ug/l #	79
15) Acrylonitrile	5.41	53	53707	211.188	ug/l	100
16) Acetone	4.16	43	84727	298.131	ug/l	94
17) Carbon Disulfide	4.41	76	166940	42.034	ug/l	98
18) Methyl Acetate	4.71	43	20949	39.275	ug/l #	86
19) Methyl tert-butyl Ether	5.48	73	160005	50.706	ug/l	98
20) Methylene Chloride	4.97	84	67189	43.407	ug/l #	86
21) trans-1,2-Dichloroethene	5.47	96	70423	46.165	ug/l	98
22) Diisopropyl ether	6.36	45	145293	42.902	ug/l	92
23) Vinyl Acetate	6.30	43	453976	216.538	ug/l	96
24) 1,1-Dichloroethane	6.26	63	109255	45.651	ug/l	97
25) 2-Butanone	7.21	43	72255	223.956	ug/l	91
26) 2,2-Dichloropropane	7.21	77	138468	53.983	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	77877	47.644	ug/l	97
28) Bromochloromethane	7.54	49	36382	44.133	ug/l	85
29) Tetrahydrofuran	7.56	42	34514	188.344	ug/l #	85
30) Chloroform	7.71	83	144493	52.183	ug/l	99
31) Cyclohexane	7.98	56	86778	39.646	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	156372	55.179	ug/l	99
36) 1,1-Dichloropropene	8.11	75	101562	50.699	ug/l	99
37) Ethyl Acetate	7.29	43	31105	45.653	ug/l #	65
38) Carbon Tetrachloride	8.09	117	156084	59.804	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	118493	50.213	ug/l	96
40) Benzene	8.34	78	259636	49.267	ug/l	93
41) Methacrylonitrile	7.52	41	19657m	46.784	ug/l	
42) 1,2-Dichloroethane	8.42	62	106358	57.302	ug/l	99
43) Isopropyl Acetate	8.44	43	62625	45.794	ug/l	98
44) Trichloroethene	9.11	130	88112	51.455	ug/l	97
45) 1,2-Dichloropropane	9.38	63	55466	46.426	ug/l	97
46) Dibromomethane	9.47	93	38172	51.316	ug/l	96
47) Bromodichloromethane	9.66	83	109112	53.338	ug/l	99
48) Methyl methacrylate	9.45	41	30683	43.510	ug/l #	91
49) 1,4-Dioxane	9.46	88	8362	968.118	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	142145	214.863	ug/l	98
52) Toluene	10.40	92	179867	50.378	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	101324	52.200	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	104704	48.056	ug/l #	86
55) 1,1,2-Trichloroethane	10.80	97	47993	47.659	ug/l	91
56) Ethyl methacrylate	10.66	69	52690	45.199	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	78137	46.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	116225	240.053	ug/l	90
59) 2-Hexanone	10.98	43	110478	236.751	ug/l	99
60) Dibromochloromethane	11.14	129	77375	50.974	ug/l	97
61) 1,2-Dibromoethane	11.24	107	46739	47.163	ug/l	93
64) Tetrachloroethene	10.87	164	77243	51.634	ug/l	89
65) Chlorobenzene	11.67	112	203226	51.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	86045	53.666	ug/l	97
67) Ethyl Benzene	11.74	91	360560	52.209	ug/l	95
68) m/p-Xylenes	11.85	106	275969	104.840	ug/l	96
69) o-Xylene	12.18	106	125696	51.330	ug/l	97
70) Styrene	12.20	104	224081	53.293	ug/l	98
71) Bromoform	12.36	173	46252	50.846	ug/l #	99
73) Isopropylbenzene	12.48	105	372586	53.641	ug/l	98
74) N-amyl acetate	12.29	43	55592	44.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	41706	42.032	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	33519m	45.952	ug/l	
77) Bromobenzene	12.76	156	92780	52.628	ug/l	95
78) n-propylbenzene	12.82	91	408725	51.321	ug/l	98
79) 2-Chlorotoluene	12.91	91	230346	50.641	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	324913	54.178	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14979	43.589	ug/l #	78
82) 4-Chlorotoluene	13.01	91	249537	51.780	ug/l	98
83) tert-Butylbenzene	13.23	119	277847	53.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	321493	54.579	ug/l	98
85) sec-Butylbenzene	13.40	105	361691	52.996	ug/l	100
86) p-Isopropyltoluene	13.52	119	358226	54.435	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	171680	52.169	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	172025	52.062	ug/l	99
89) n-Butylbenzene	13.84	91	299077	51.501	ug/l	99
90) Hexachloroethane	14.11	117	63085	48.527	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	151186	53.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11180	53.722	ug/l	79

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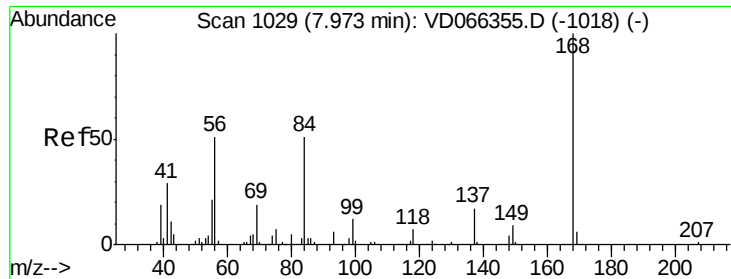
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119205	53.898	ug/l	97
94) Hexachlorobutadiene	15.27	225	76962	55.996	ug/l	98
95) Naphthalene	15.41	128	181162	52.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	100595	53.096	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 160789

Ion Ratio Lower Upper

168 100

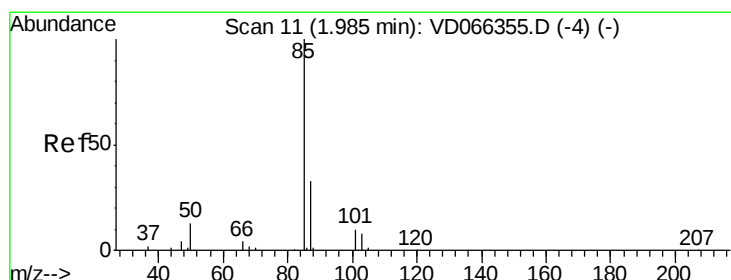
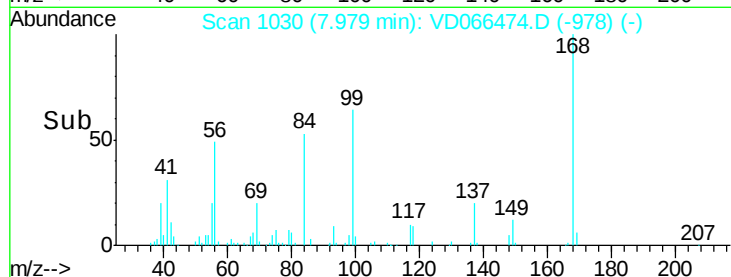
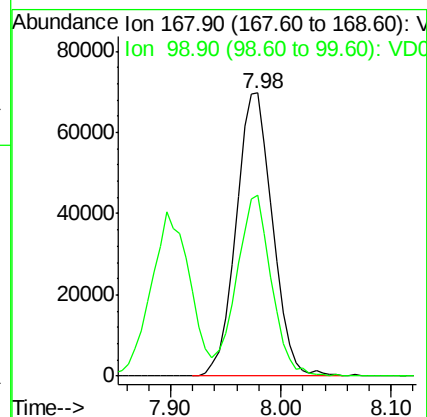
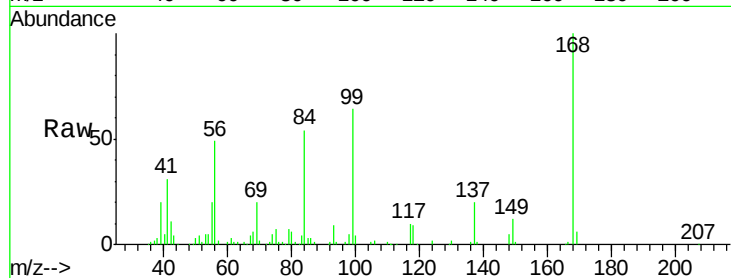
99 63.7 45.4 68.0

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#2

Dichlorodifluoromethane

Concen: 46.312 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066474.D

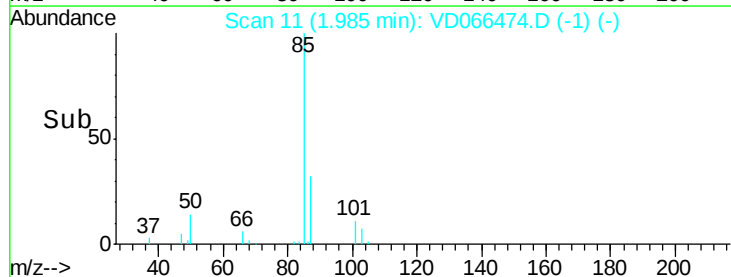
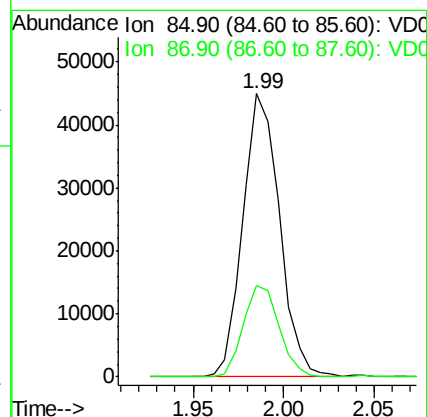
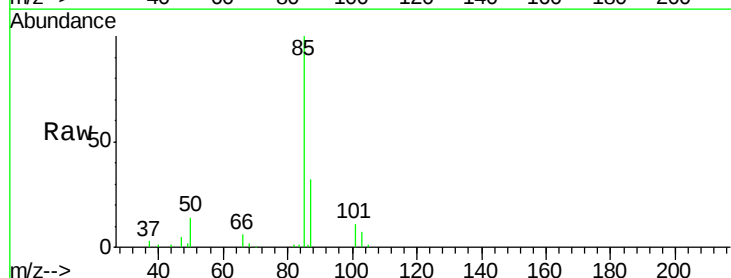
Acq: 31 Aug 2020 10:35

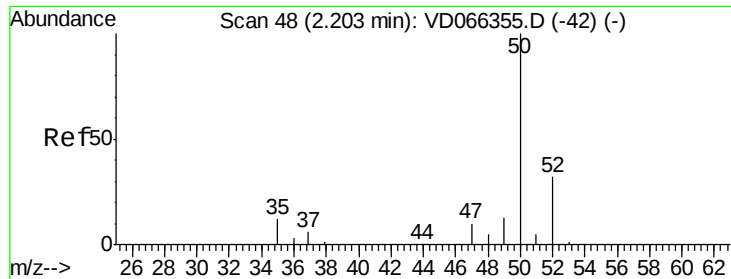
Tgt Ion: 85 Resp: 63306

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4





#3

Chloromethane

Concen: 40.763 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 39497

Ion Ratio Lower Upper

50 100

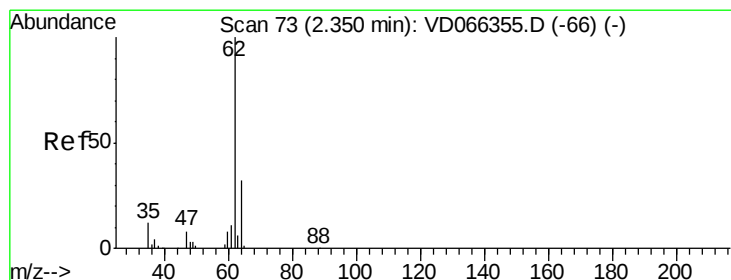
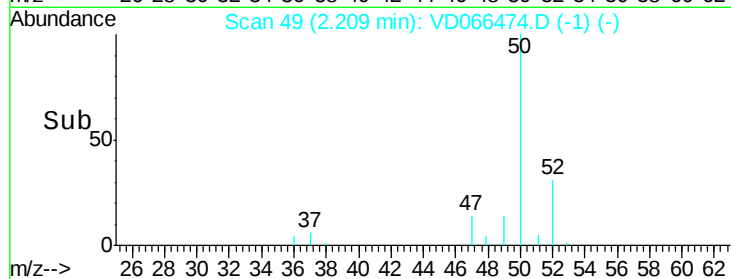
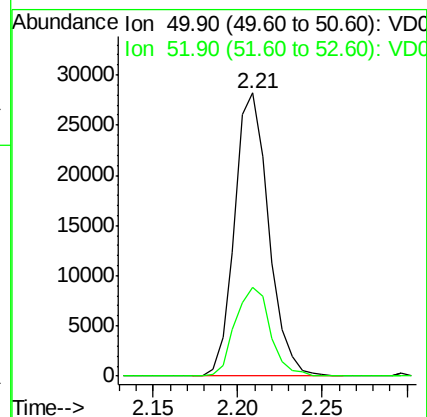
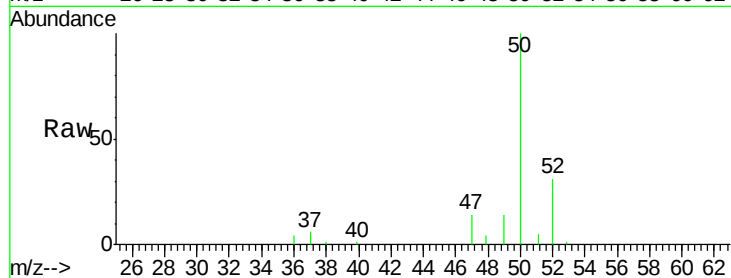
52 31.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.810 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066474.D

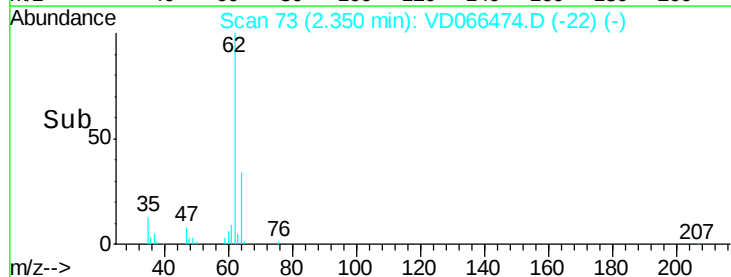
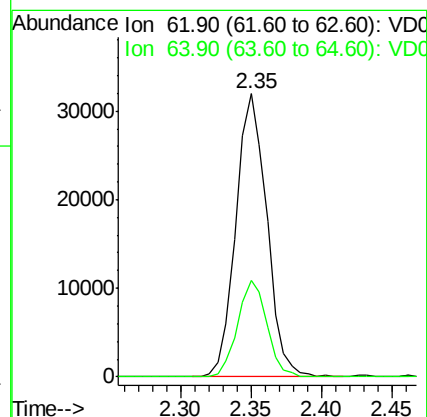
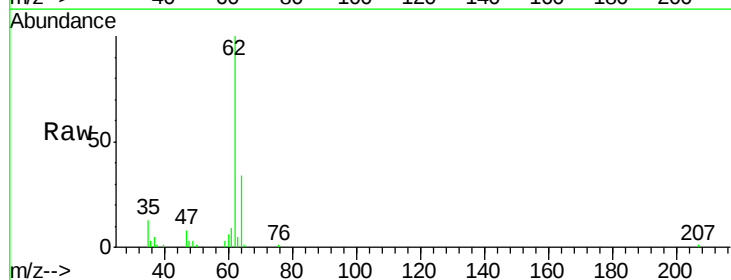
Acq: 31 Aug 2020 10:35

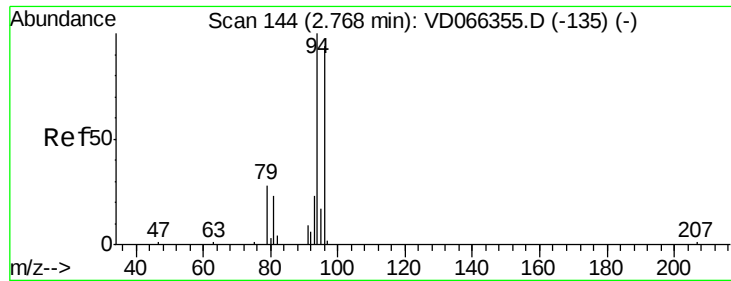
Tgt Ion: 62 Resp: 48698

Ion Ratio Lower Upper

62 100

64 34.3 25.4 38.2





#5

Bromomethane

Concen: 54.407 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 42336

Ion Ratio Lower Upper

94 100

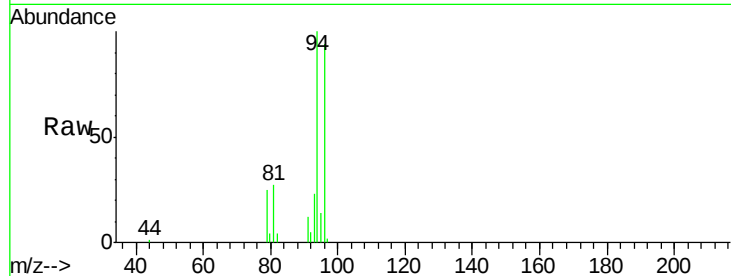
96 94.3 75.0 112.4

Manual Integrations

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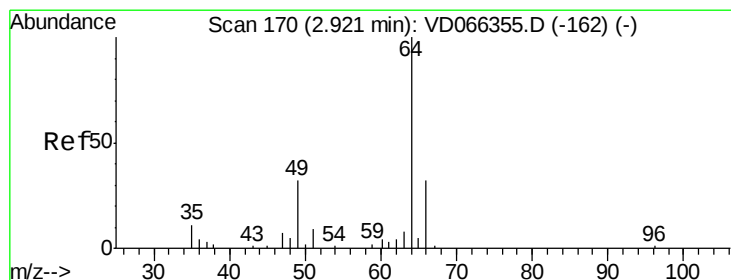
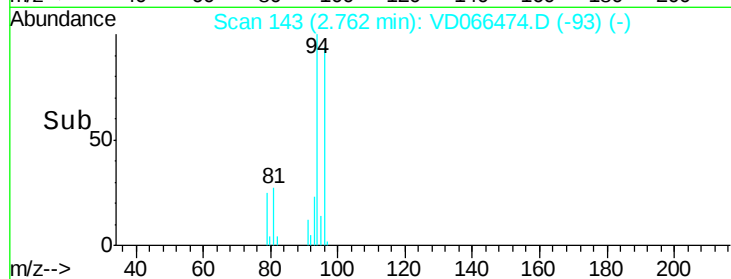
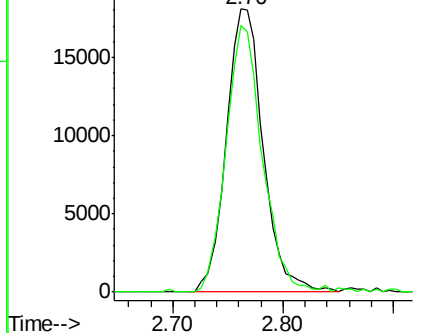
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.600 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066474.D

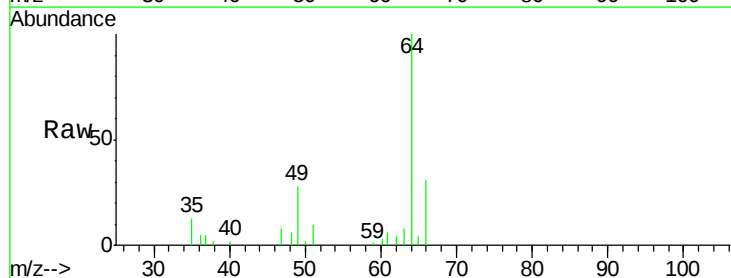
Acq: 31 Aug 2020 10:35

Tgt Ion: 64 Resp: 33041

Ion Ratio Lower Upper

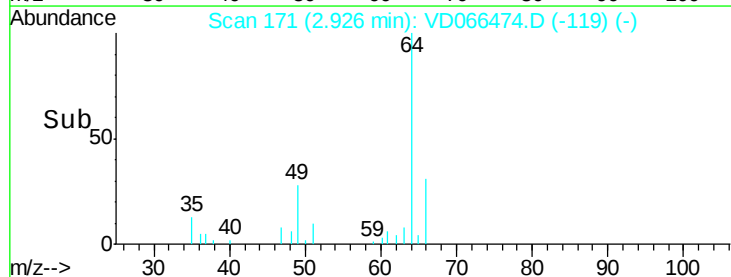
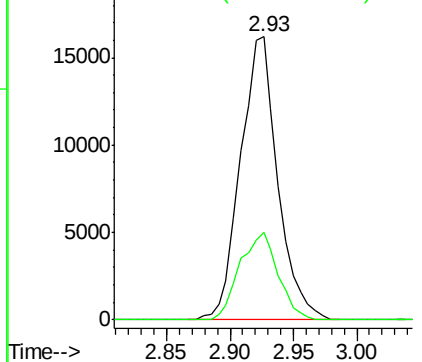
64 100

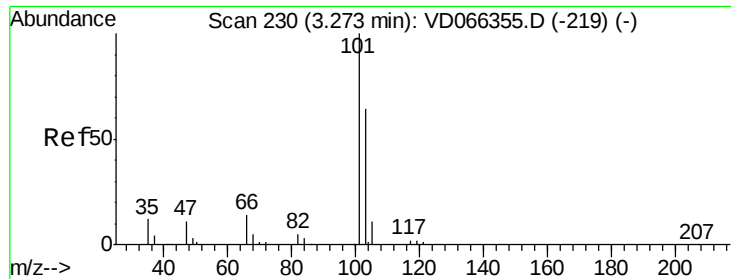
66 30.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

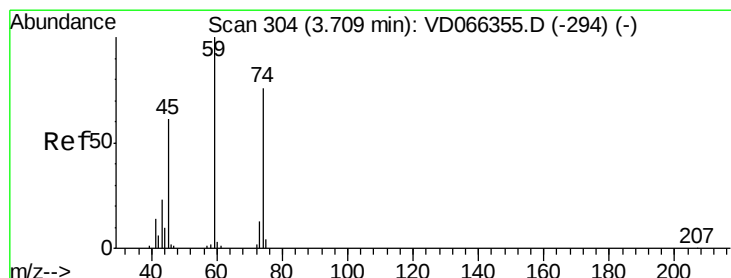
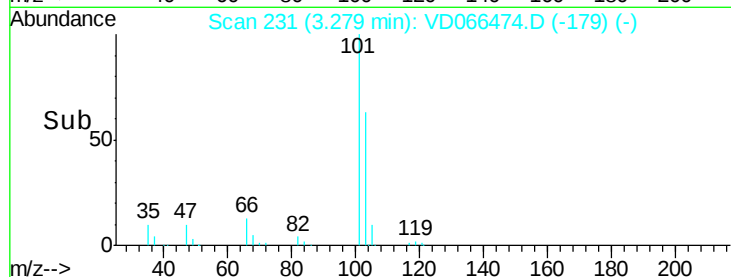
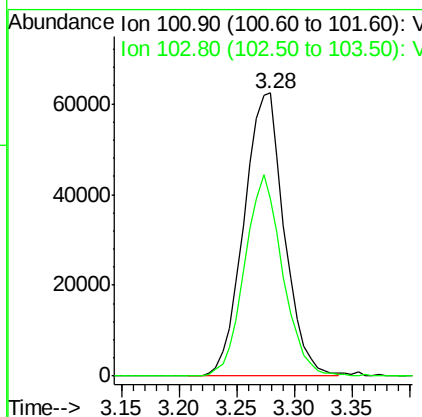
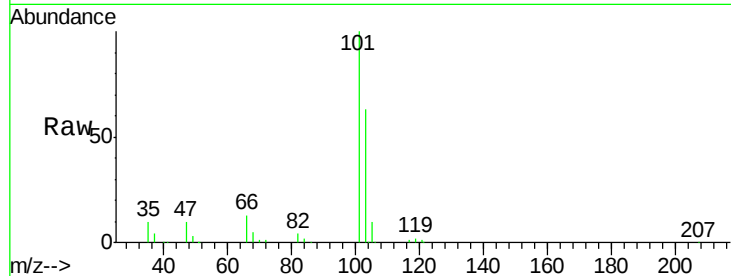
Trichlorofluoromethane
Concen: 53.732 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	152002		
103	62.6	51.4	77.0	

Manual Integrations
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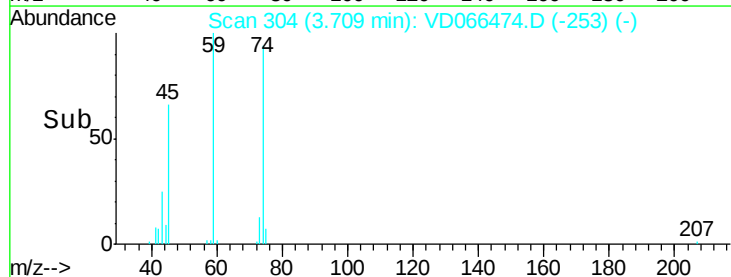
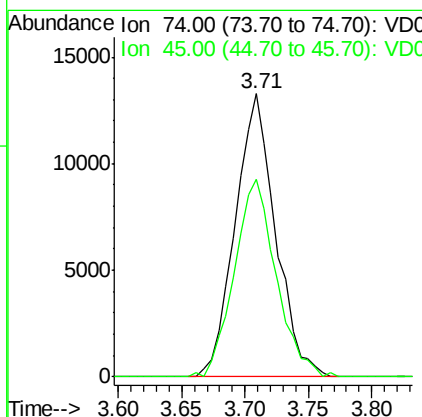
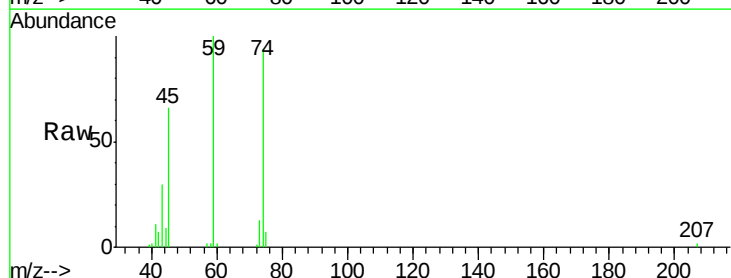
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9/1/2020 12:38:46 PM

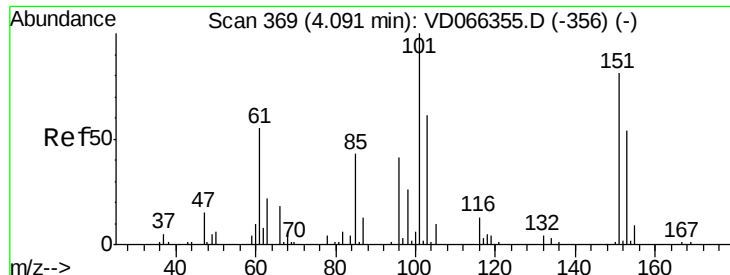


#8

Diethyl Ether
Concen: 46.110 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29226		
45	72.3	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.211 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

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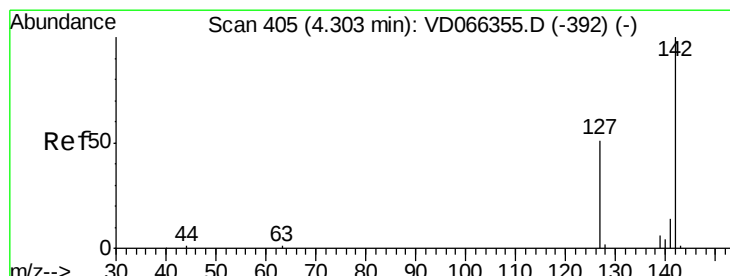
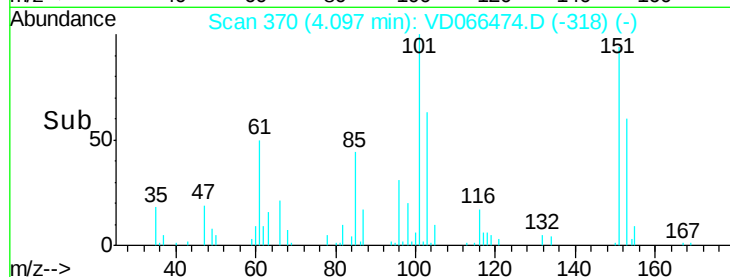
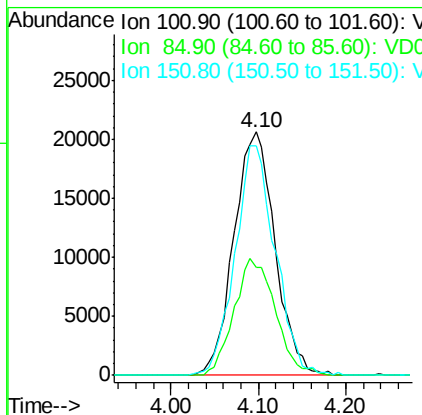
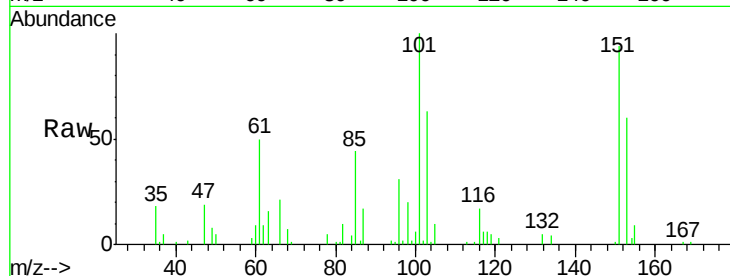
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	65911
Ion Ratio	Lower	Upper	
101	100		
85	48.1	36.4	54.6
151	92.2	70.5	105.7

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#10

Methyl Iodide

Concen: 46.087 ug/l

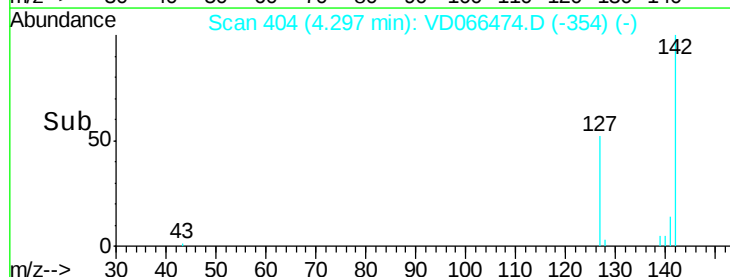
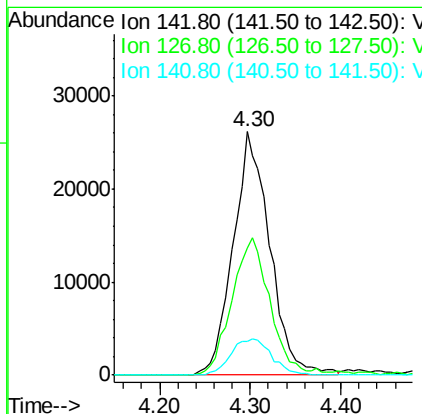
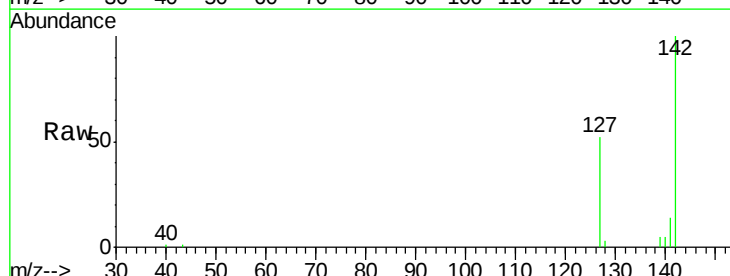
RT: 4.30 min Scan# 404

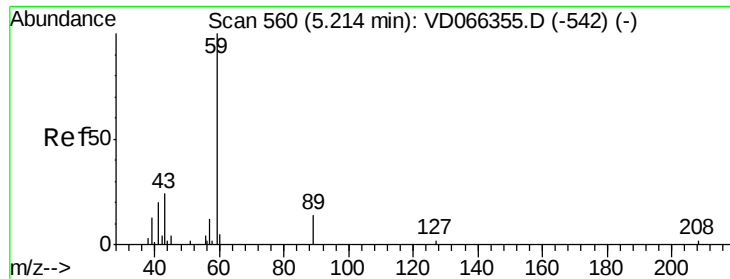
Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion:	142	Resp:	73385
Ion Ratio	Lower	Upper	
142	100		
127	58.0	41.8	62.8
141	16.4	11.8	17.6





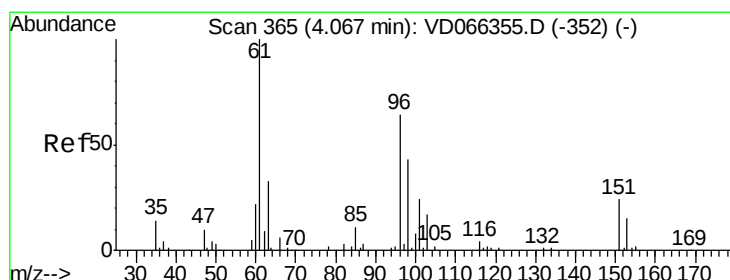
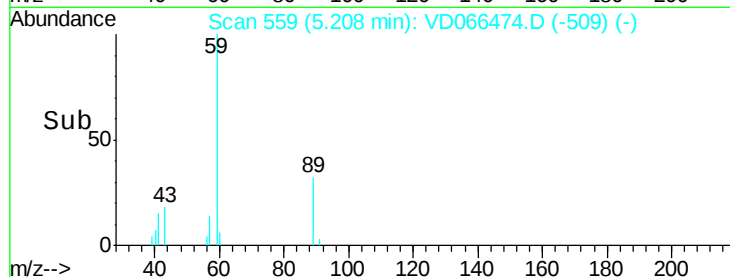
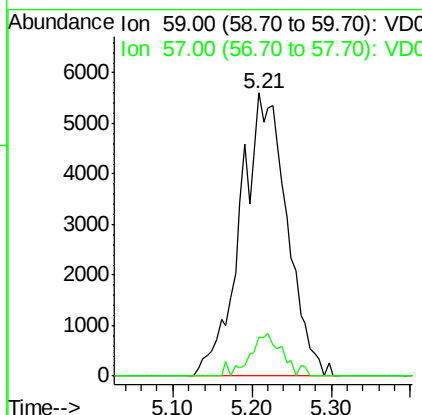
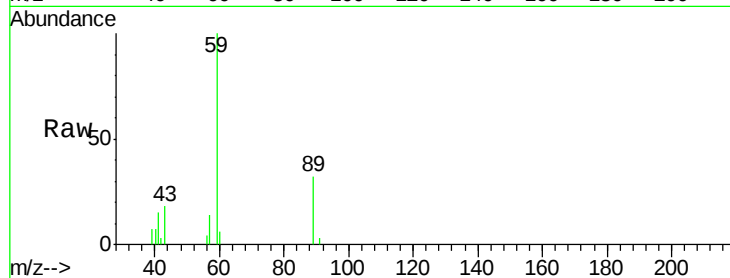
#11
Tert butyl alcohol
Concen: 253.564 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	22856		
57	9.6		9.0	13.4

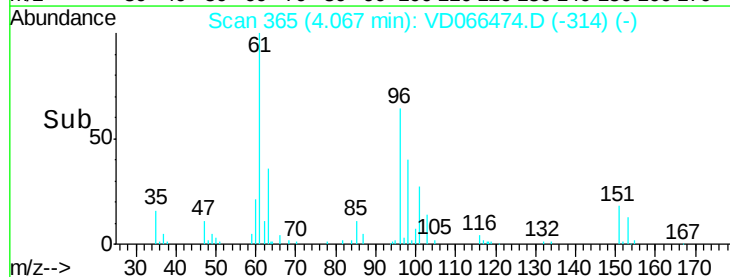
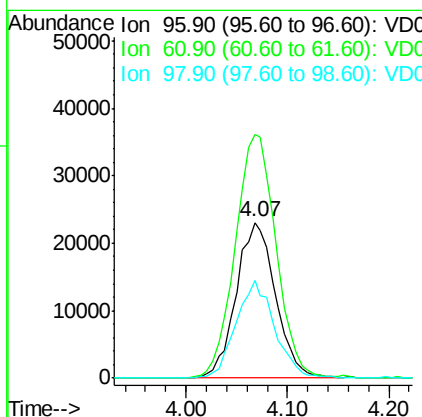
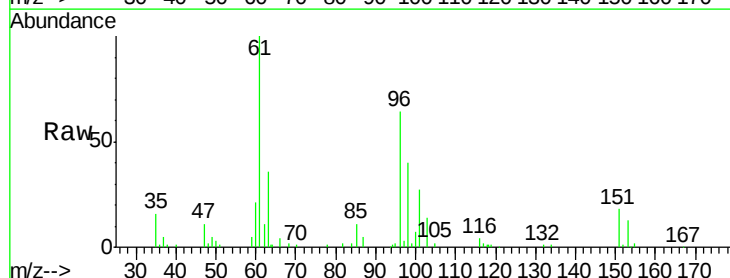
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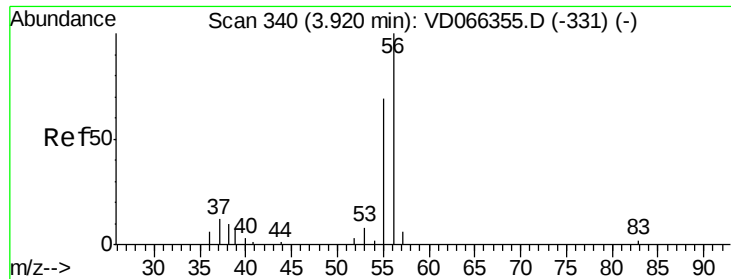
MMDadoda
9/1/2020 12:38:46 PM



#12
1,1-Dichloroethene
Concen: 47.254 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	61925		
61	156.3		124.3	186.5
98	63.0		53.2	79.8





#13

Acrolein

Concen: 141.384 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 9897

Ion Ratio Lower Upper

56 100

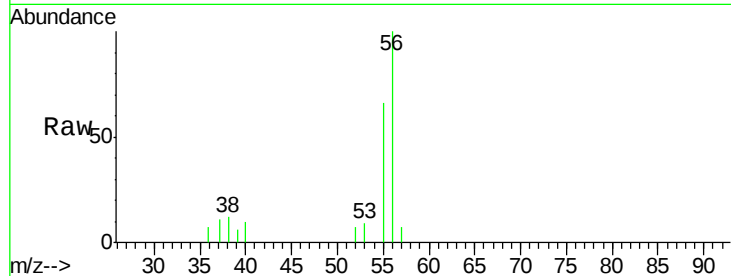
55 76.6 55.5 83.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

4000

3000

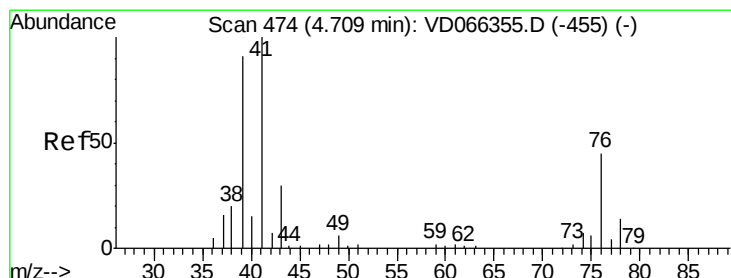
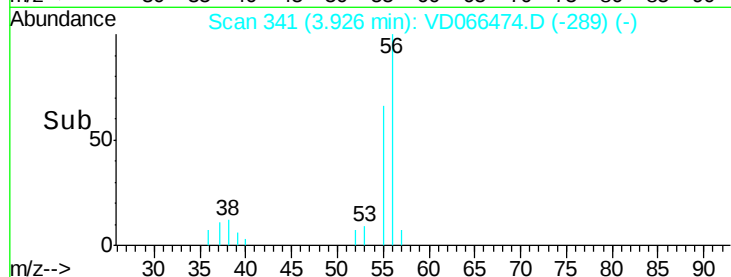
2000

1000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 40.889 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

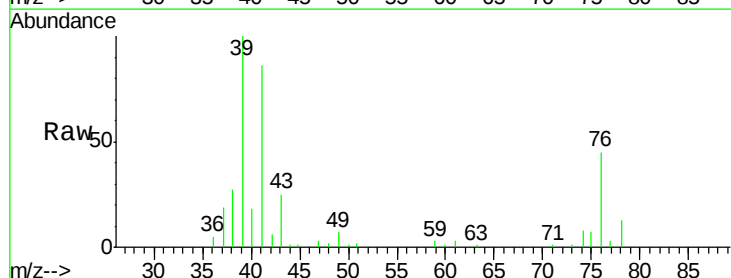
Tgt Ion: 41 Resp: 71522

Ion Ratio Lower Upper

41 100

39 114.4 72.8 109.2#

76 51.5 34.0 51.0#



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

30000

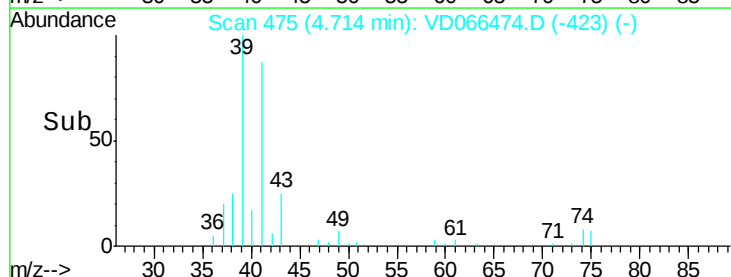
20000

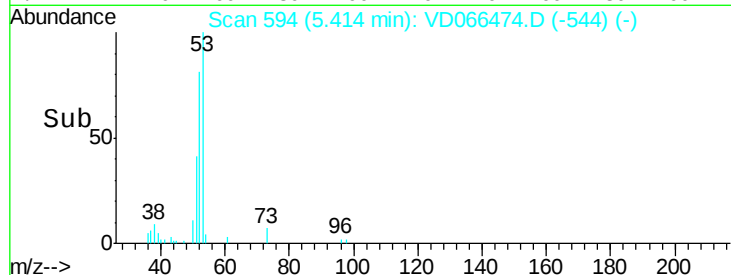
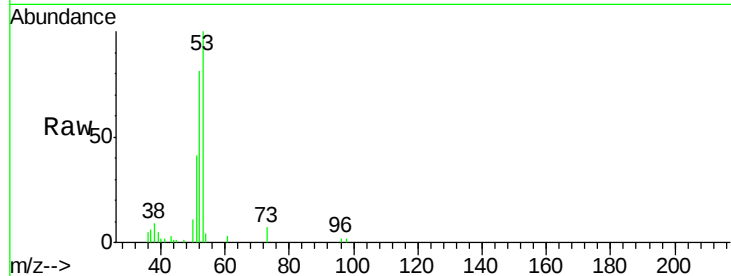
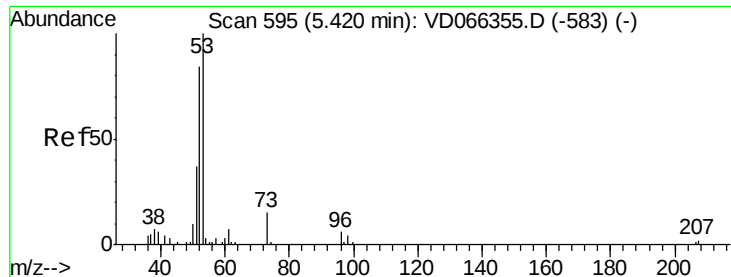
10000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 211.188 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tot Ion:	53	Resp:	53707
Ion Ratio	Lower	Upper	
53	100		
52	85.2	68.1	102.1
51	42.5	33.8	50.6

Instrument :

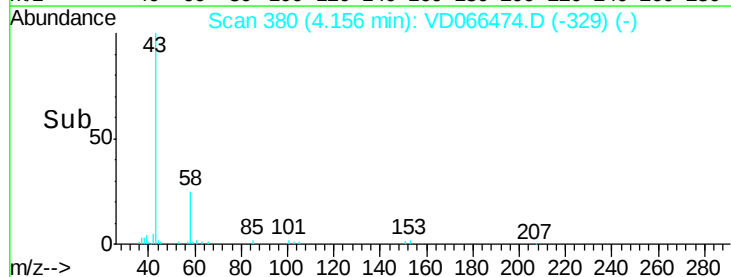
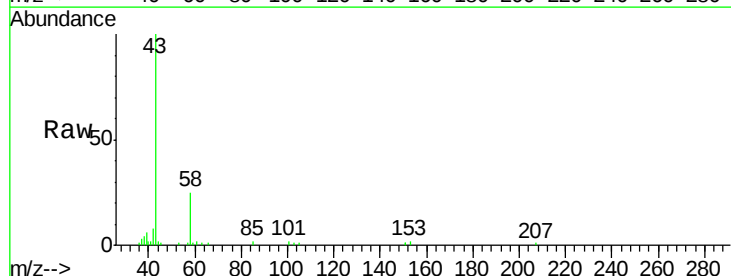
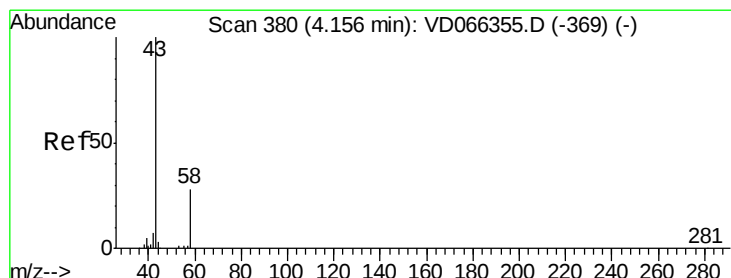
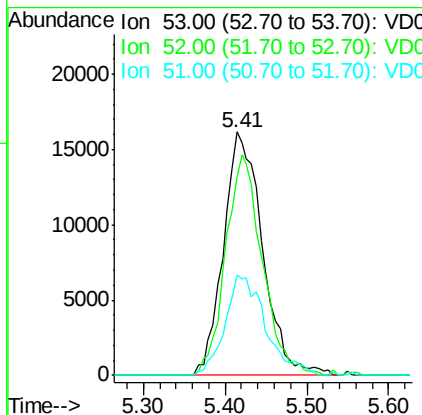
MSVOA_D

ClientSampleId :

VSTDCCC050

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#16

Acetone

Concen: 298.131 ug/l

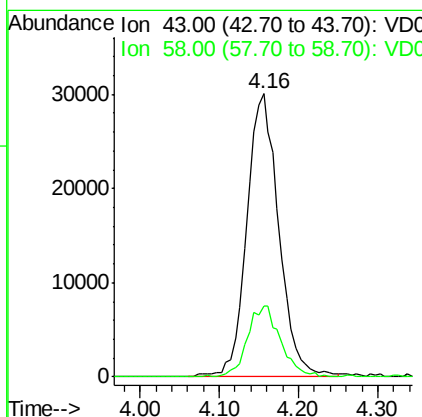
RT: 4.16 min Scan# 380

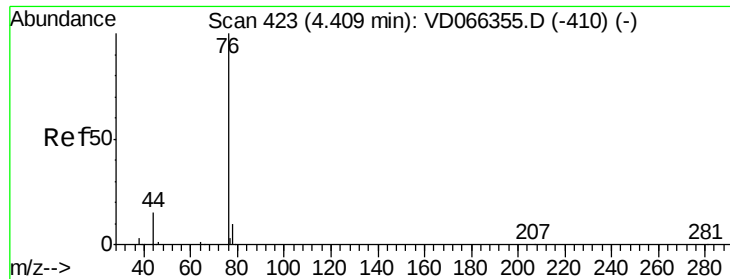
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion:	43	Resp:	84727
Ion Ratio	Lower	Upper	
43	100		
58	25.2	22.7	34.1





#17

Carbon Disulfide

Concen: 42.034 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 166940

Ion Ratio Lower Upper

76 100

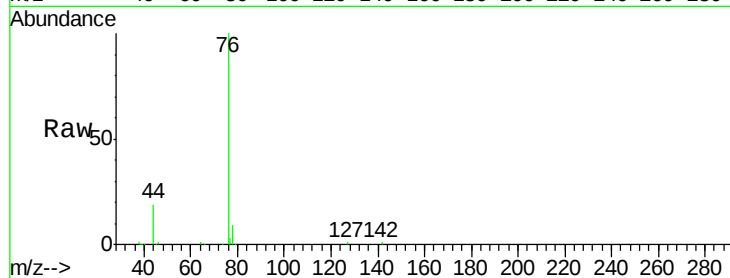
78 8.8 7.7 11.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

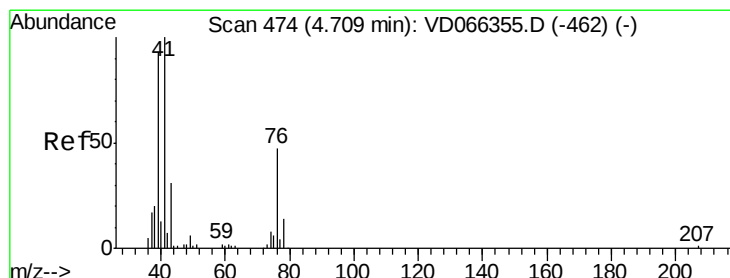
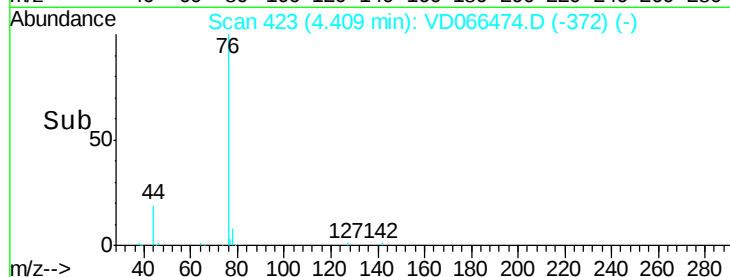
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 39.275 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066474.D

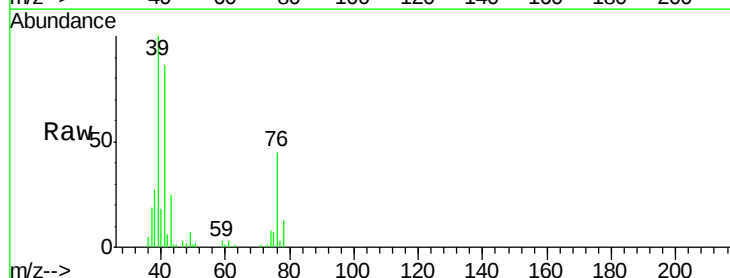
Acq: 31 Aug 2020 10:35

Tgt Ion: 43 Resp: 20949

Ion Ratio Lower Upper

43 100

74 33.6 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

8000

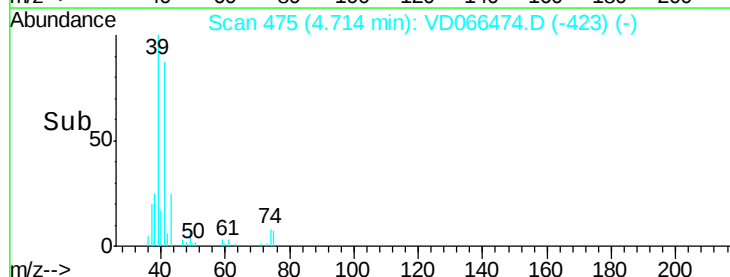
6000

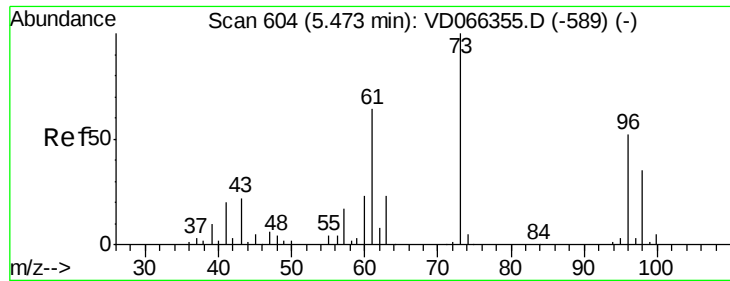
4000

2000

0

Time-->





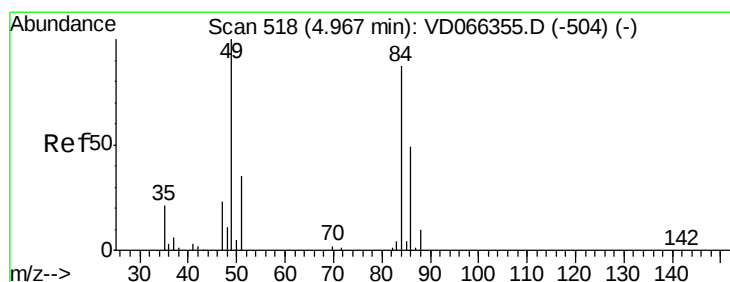
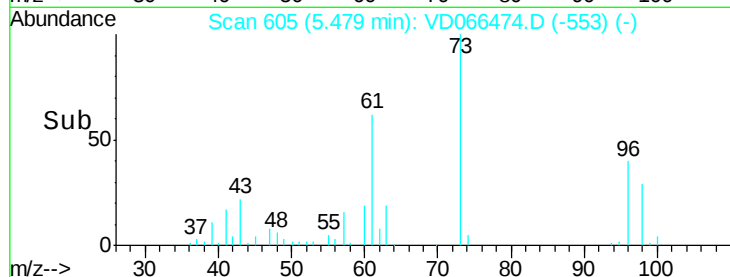
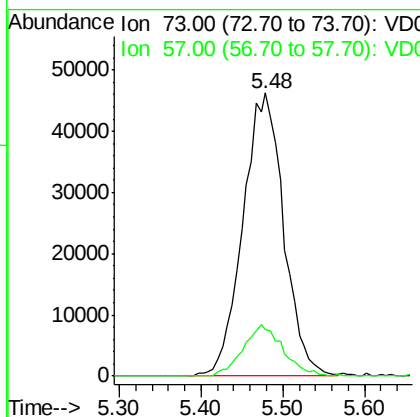
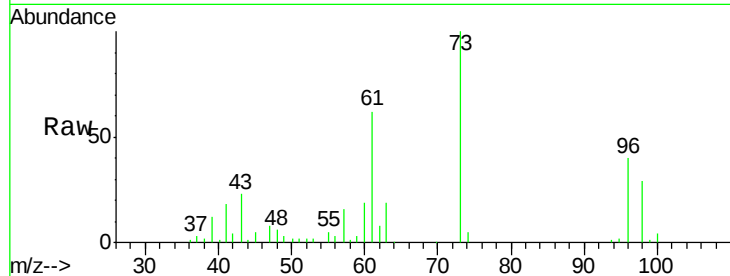
#19
Methyl tert-butyl Ether
Concen: 50.706 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 160005
Ion Ratio Lower Upper
73 100
57 16.4 13.8 20.6

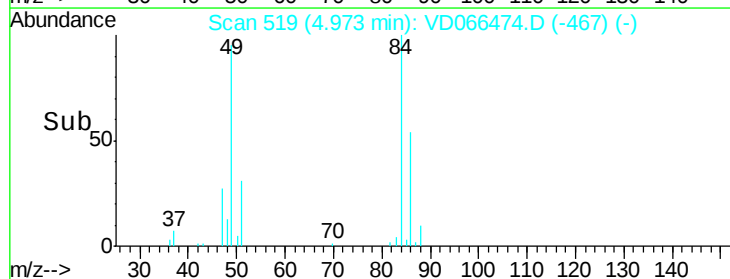
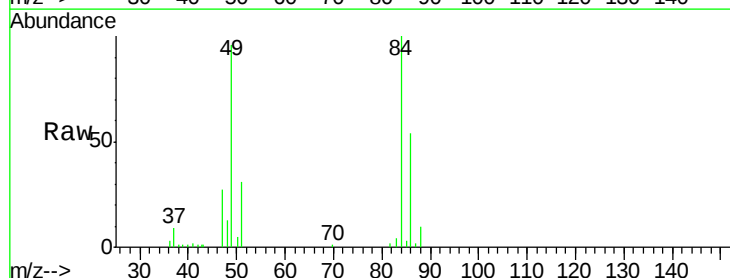
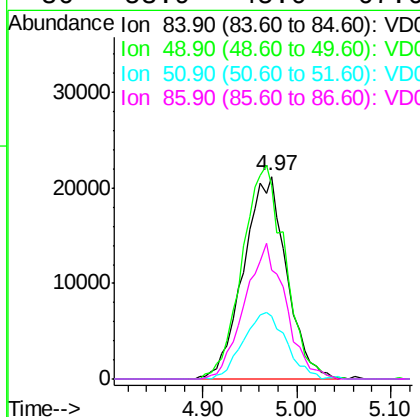
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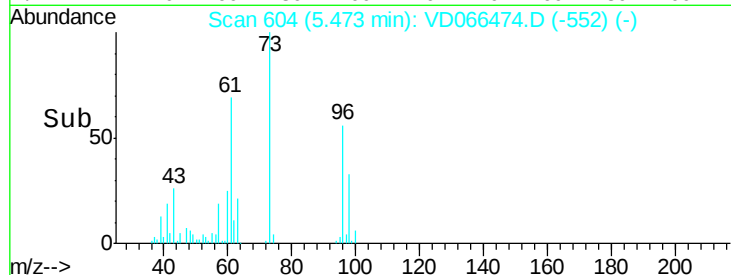
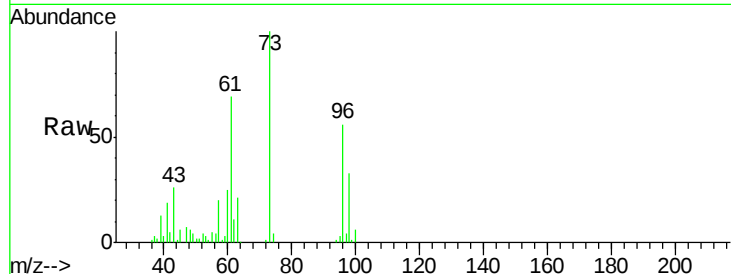
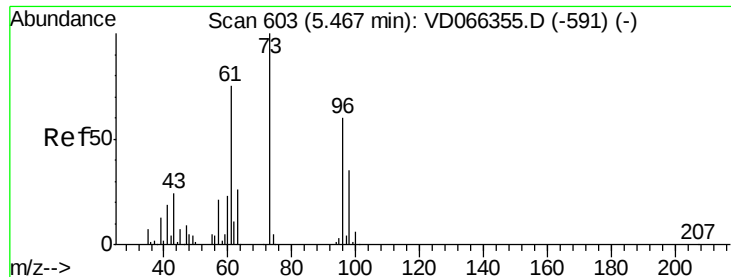
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#20
Methylene Chloride
Concen: 43.407 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 84 Resp: 67189
Ion Ratio Lower Upper
84 100
49 95.6 92.5 138.7
51 30.8 32.5 48.7#
86 53.9 45.0 67.6





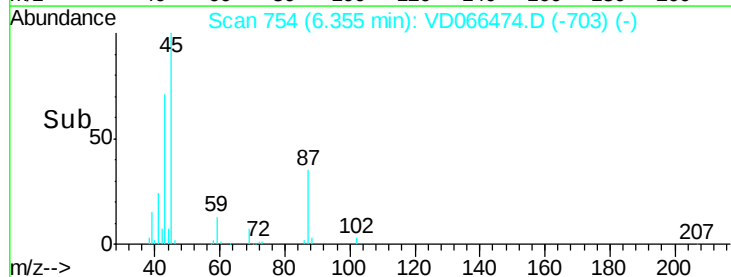
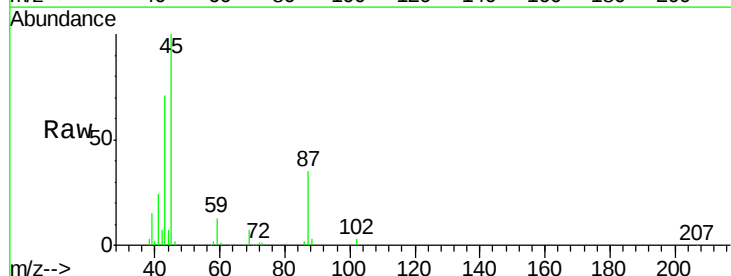
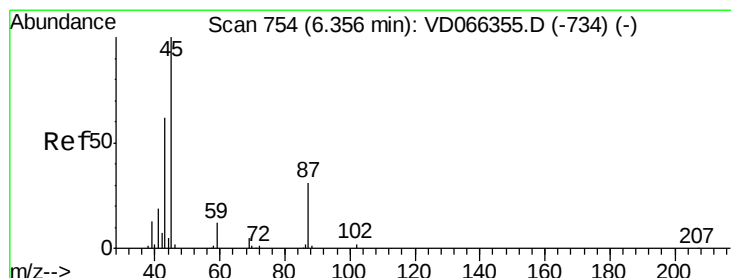
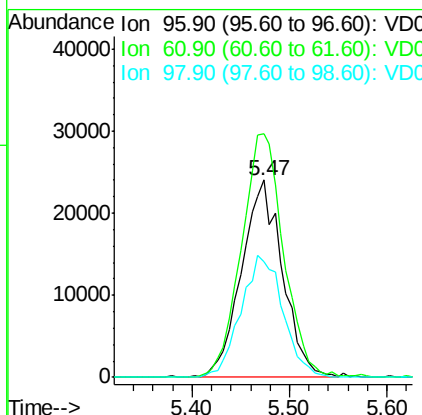
#21
trans-1,2-Dichloroethene
Concen: 46.165 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.5	101.1	151.7
98	58.8	47.0	70.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

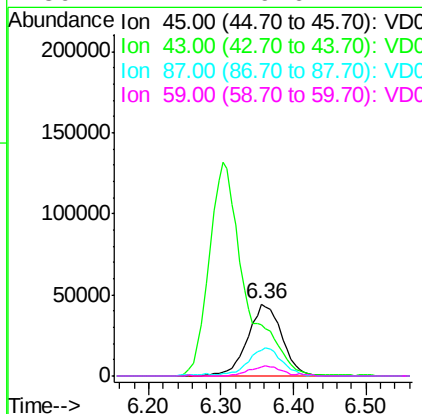
Manual Integrations
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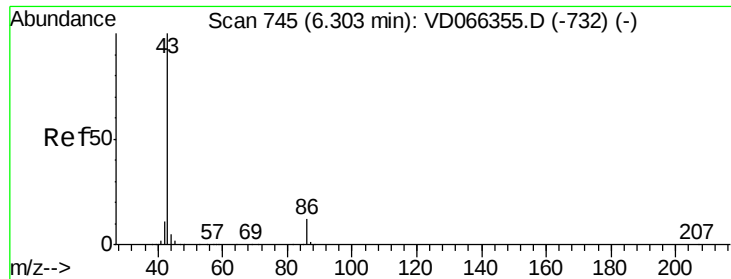
MMDadoda
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#22
Diisopropyl ether
Concen: 42.902 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.4	49.8	74.8
87	35.5	25.0	37.6
59	12.7	9.6	14.4





#23

Vinyl Acetate

Concen: 216.538 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 453976

Ion Ratio Lower Upper

43 100

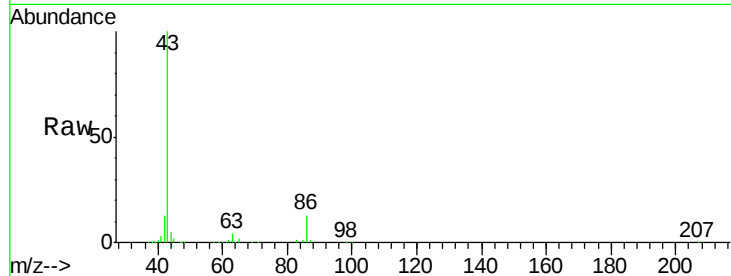
86 13.2 9.4 14.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

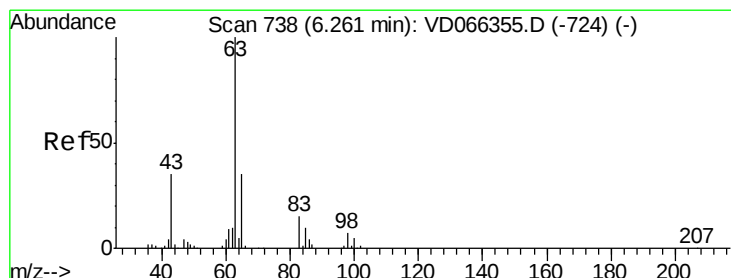
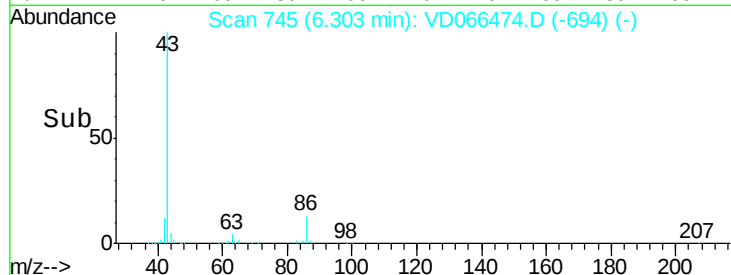
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.651 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

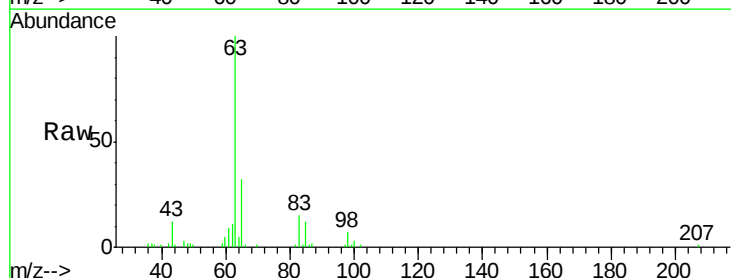
Tgt Ion: 63 Resp: 109255

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 3.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

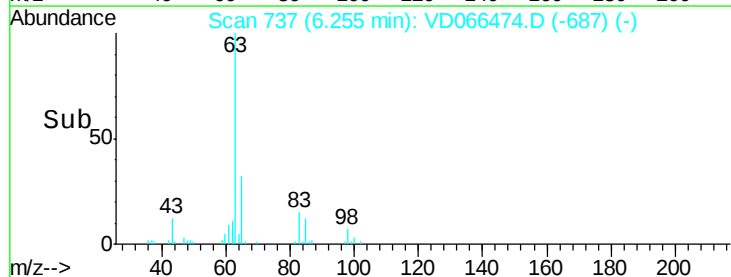
30000

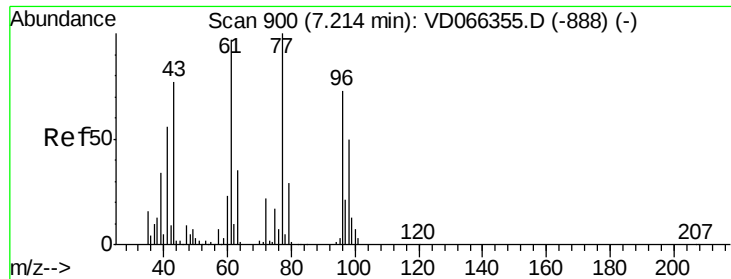
20000

10000

0

Time-->





#25

2-Butanone

Concen: 223.956 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 72255

Ion Ratio Lower Upper

43 100

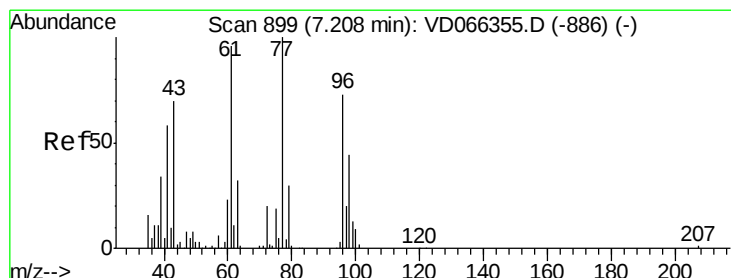
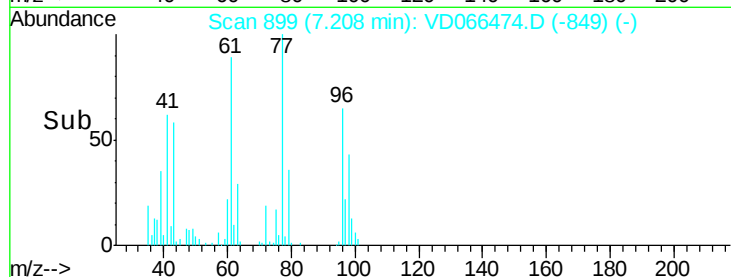
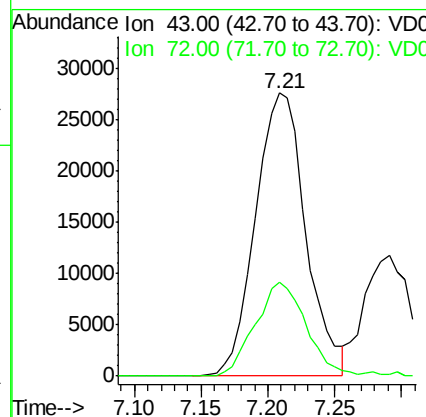
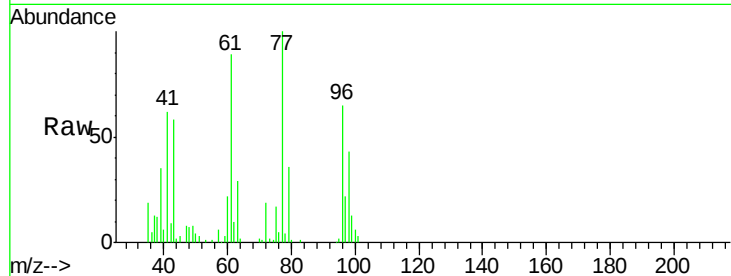
72 33.0 22.5 33.7

Manual Integrations

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9/1/2020 12:38:46 PM



#26

2,2-Dichloropropane

Concen: 53.983 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066474.D

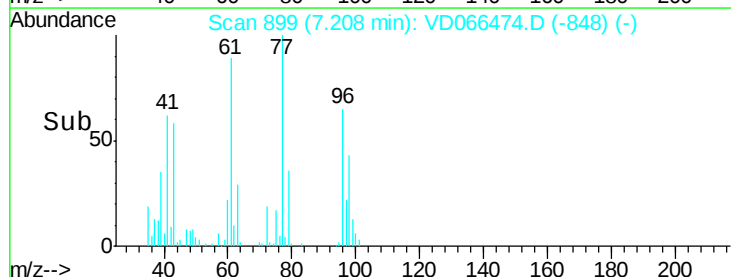
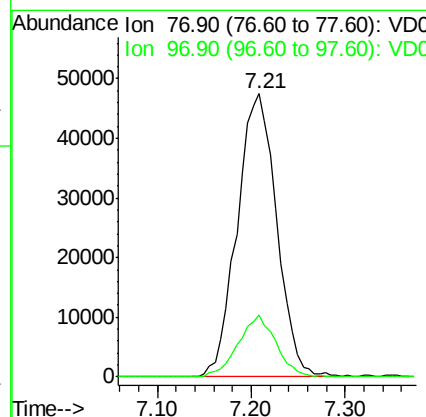
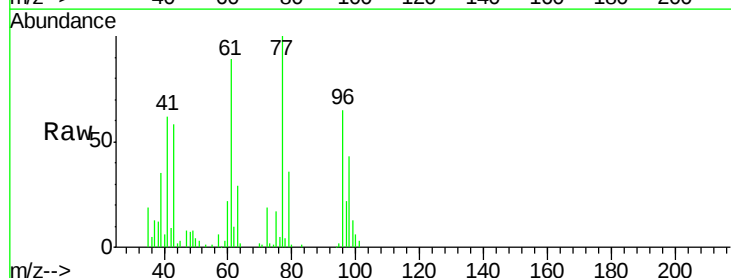
Acq: 31 Aug 2020 10:35

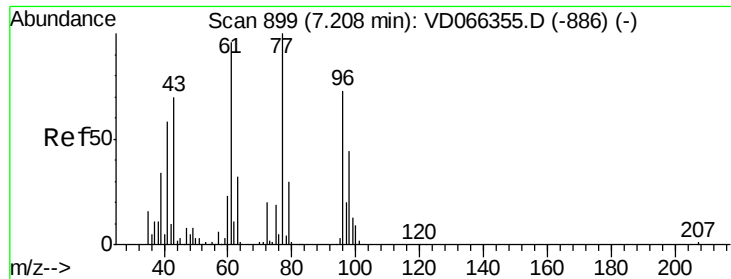
Tgt Ion: 77 Resp: 138468

Ion Ratio Lower Upper

77 100

97 20.8 10.7 31.9





#27

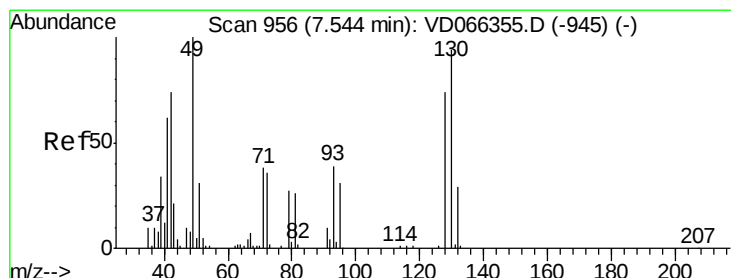
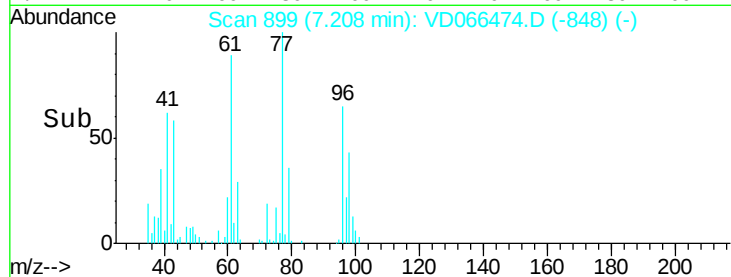
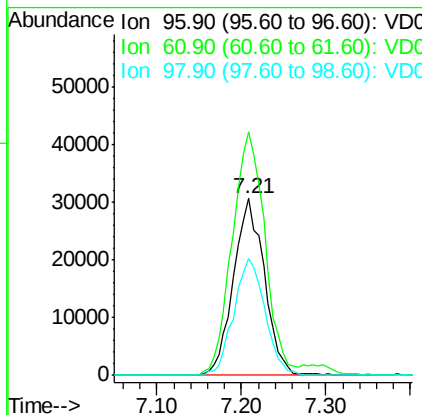
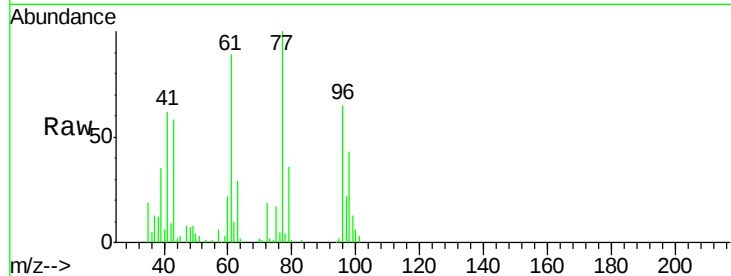
cis-1,2-Dichloroethene
 Concen: 47.644 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	281.4
98	66.3	0.0	132.2

Manual Integrations
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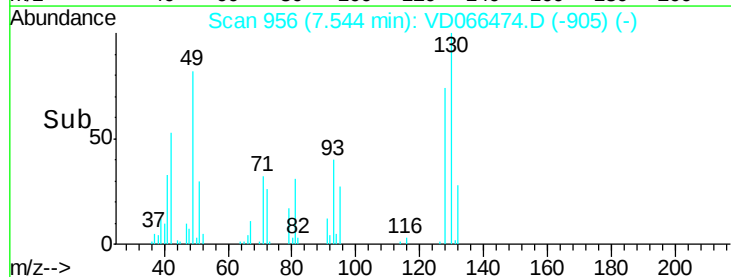
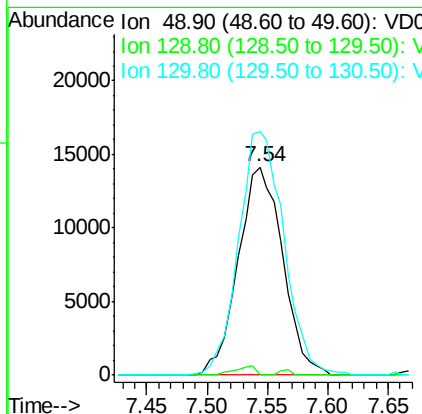
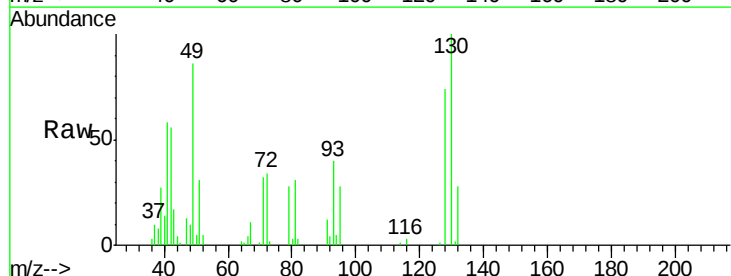
MMDadoda
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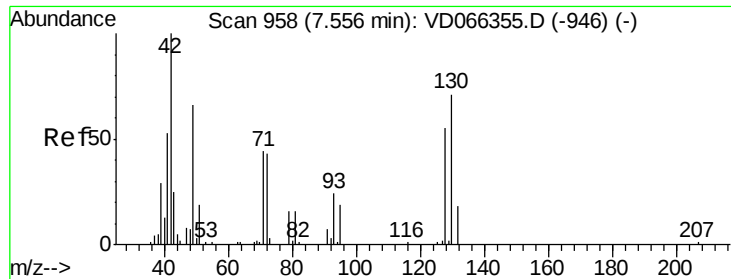


#28

Bromochloromethane
 Concen: 44.133 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.0
130	118.9	82.6	124.0





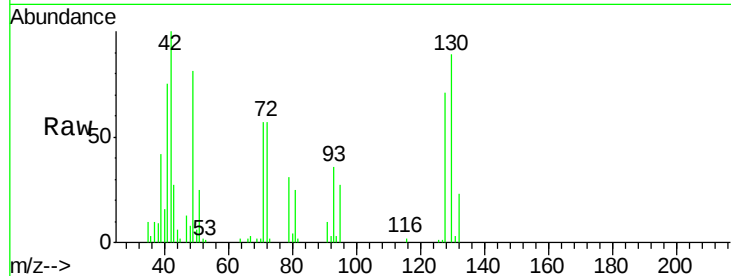
#29
Tetrahydrofuran
Concen: 188.344 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

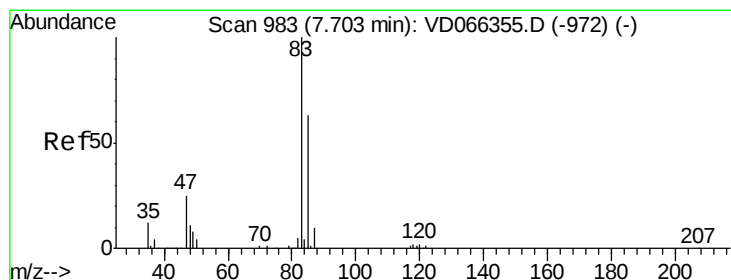
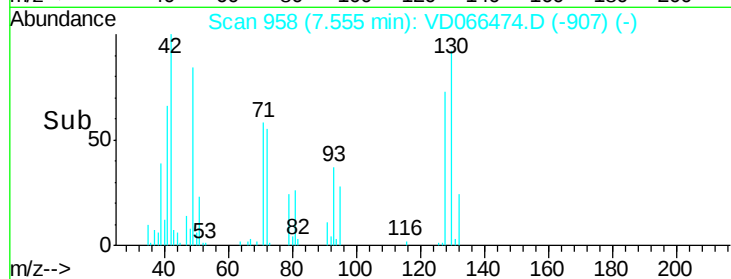
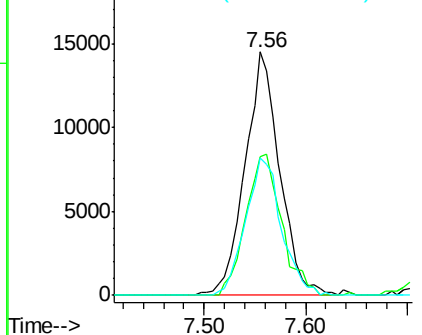
Tot Ion	Ratio	Lower	Upper
42	100		
72	60.0	41.0	61.4
71	58.6	37.2	55.8

Manual Integrations
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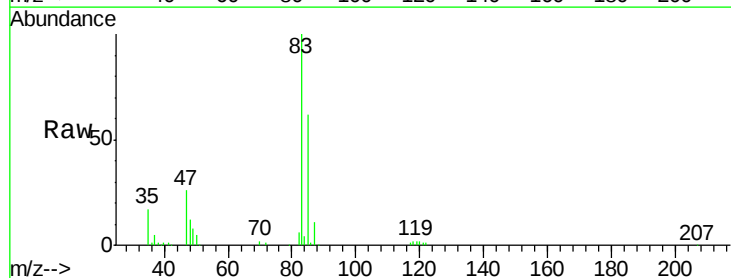


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

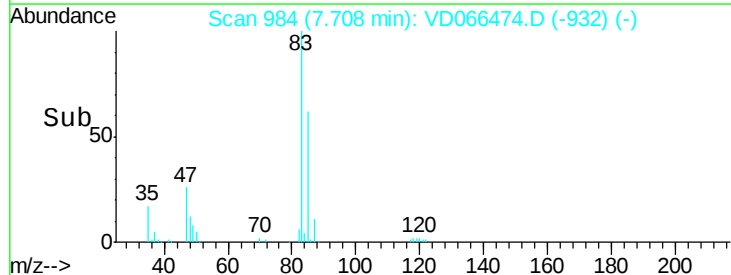
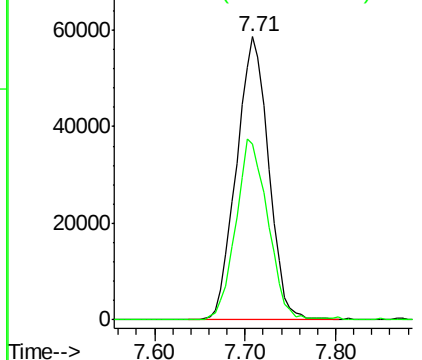


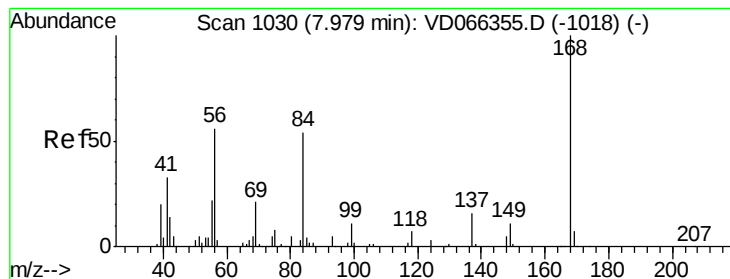
#30
Chloroform
Concen: 52.183 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.3	75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 39.646 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

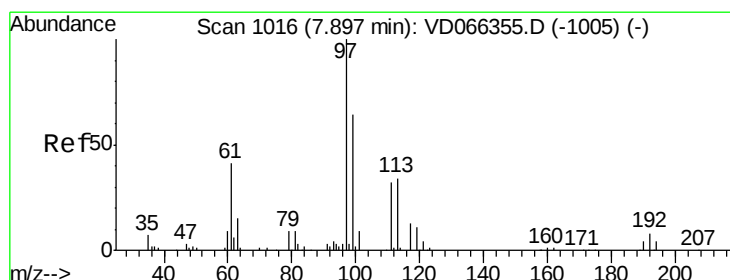
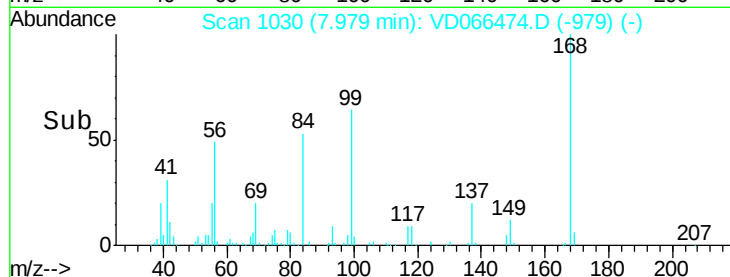
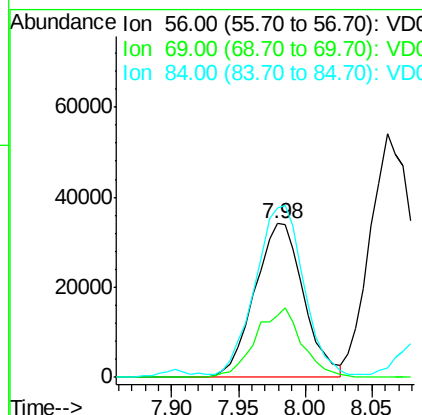
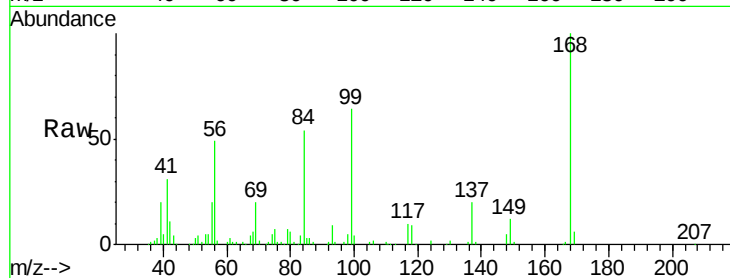
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	86778
Ion	Ratio	Lower	Upper
56	100		
69	40.3	29.6	44.4
84	107.7	76.6	115.0

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#32

1,1,1-Trichloroethane

Concen: 55.179 ug/l

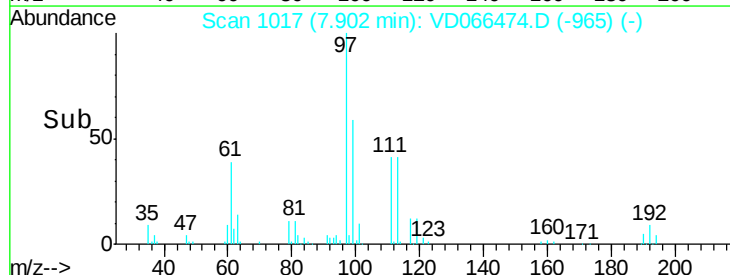
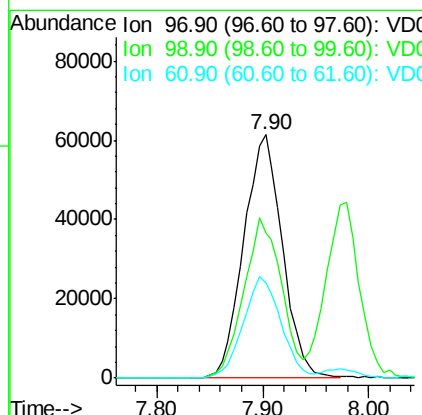
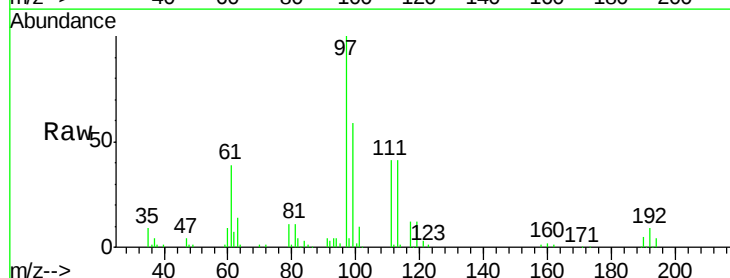
RT: 7.90 min Scan# 1017

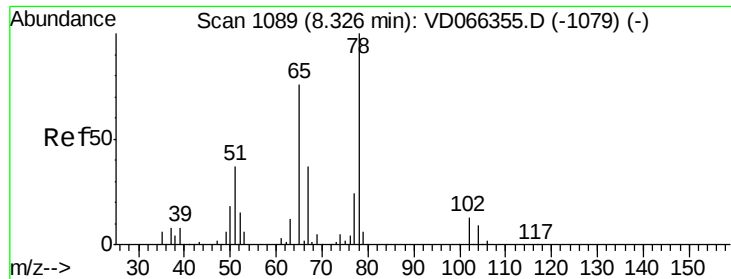
Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion:	97	Resp:	156372
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	40.7	33.3	49.9





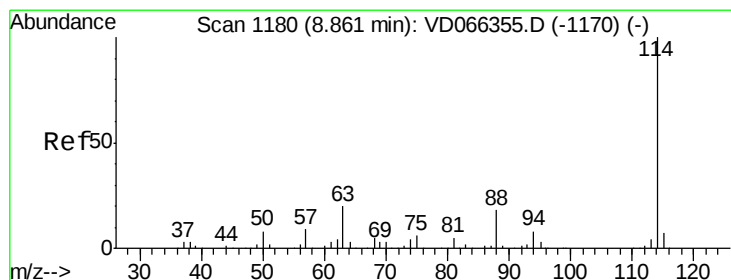
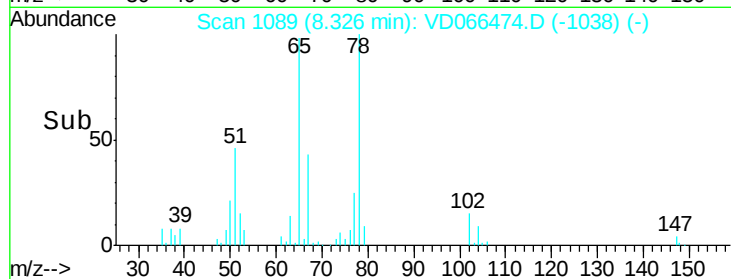
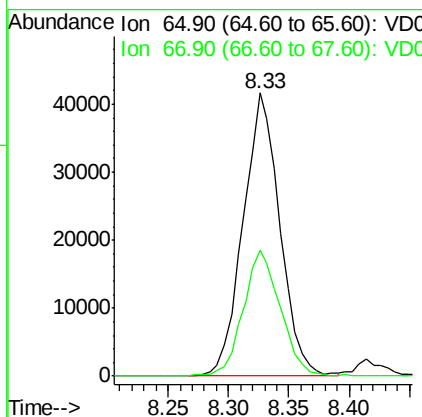
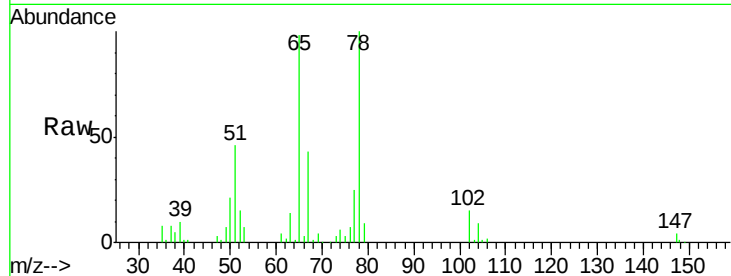
#33
 1,2-Dichloroethane-d4
 Concen: 56.031 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	88325		
67	44.6	0.0	101.6	

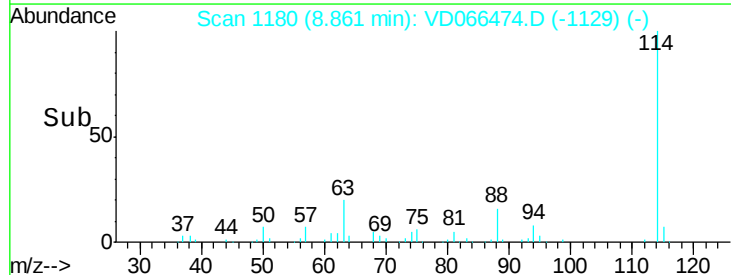
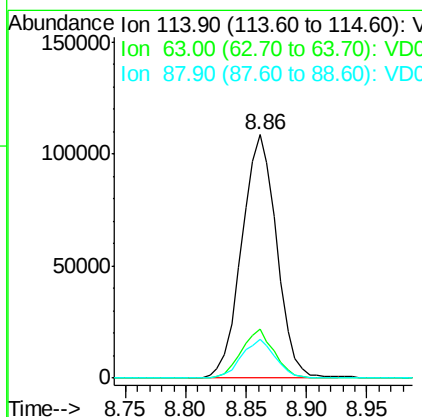
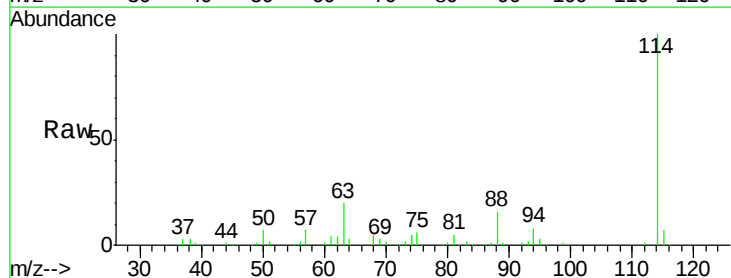
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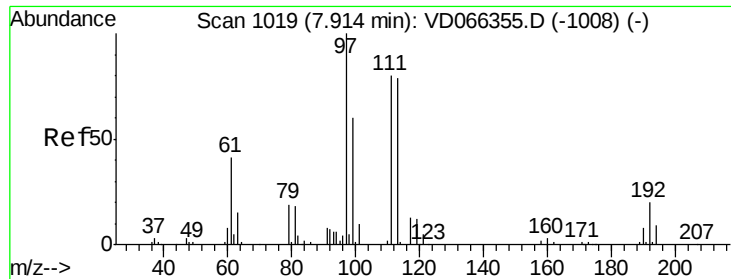
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	219550		
63	20.0	0.0	40.8	
88	16.1	0.0	35.4	





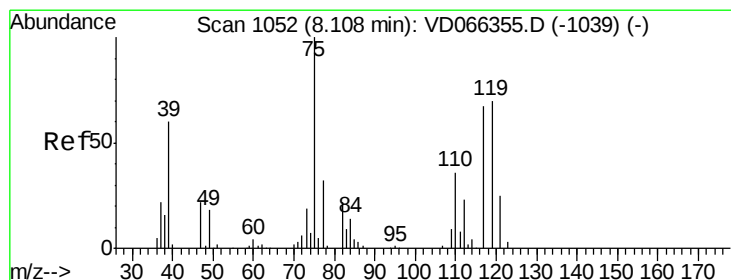
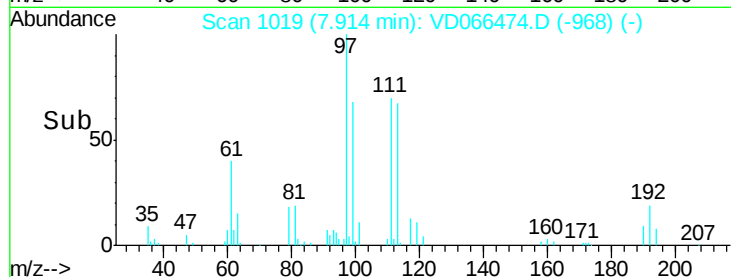
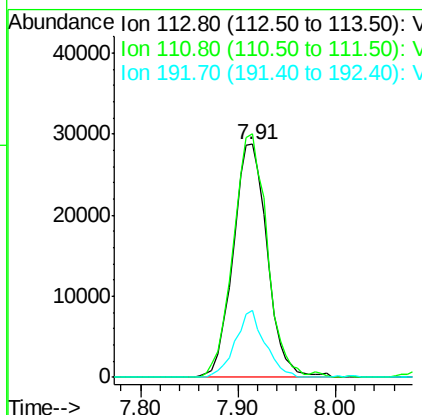
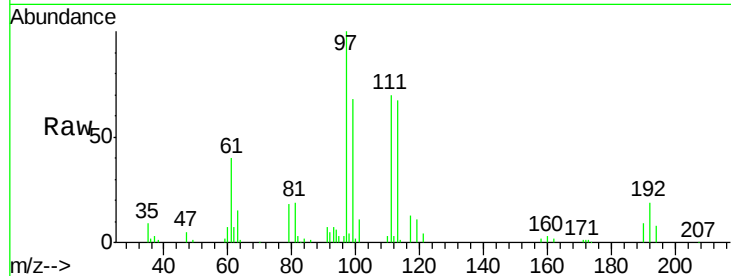
#35
Dibromofluoromethane
Concen: 51.080 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.3	120.5
192	25.1	19.0	28.6

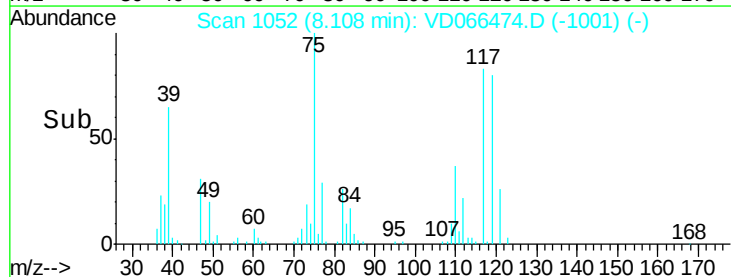
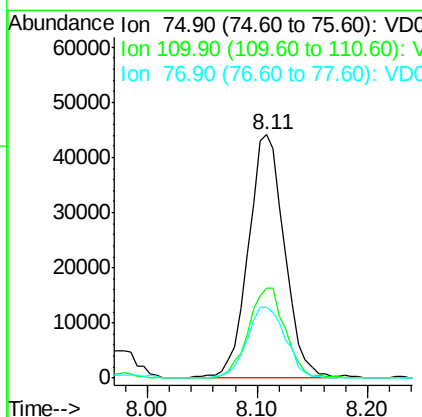
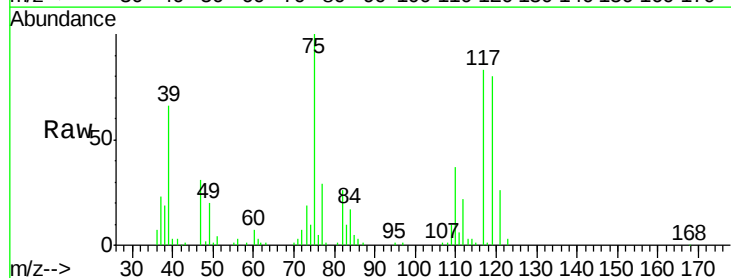
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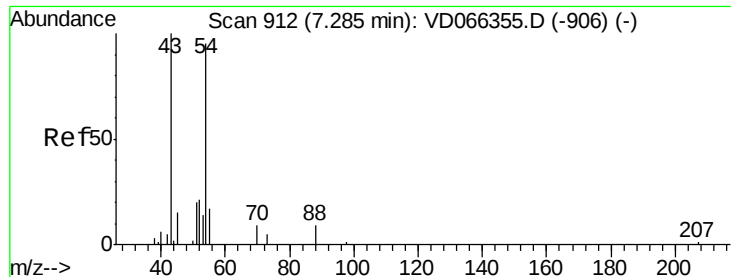
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#36
1,1-Dichloropropene
Concen: 50.699 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.7	56.1
77	31.0	25.2	37.8





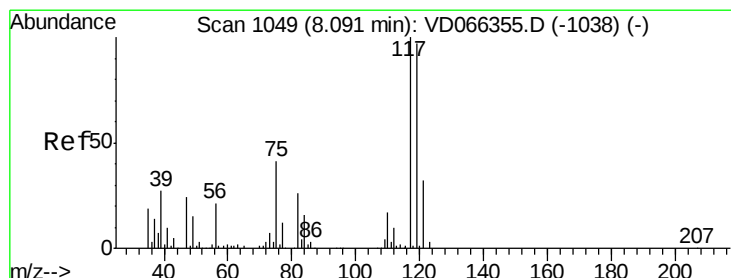
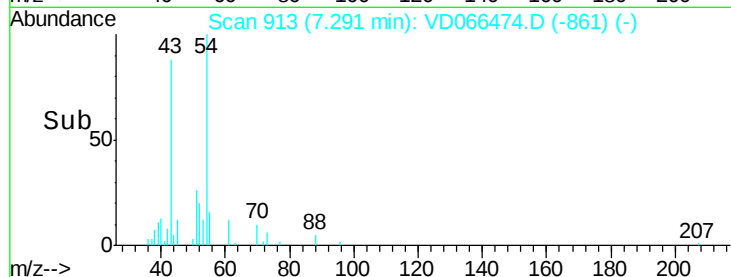
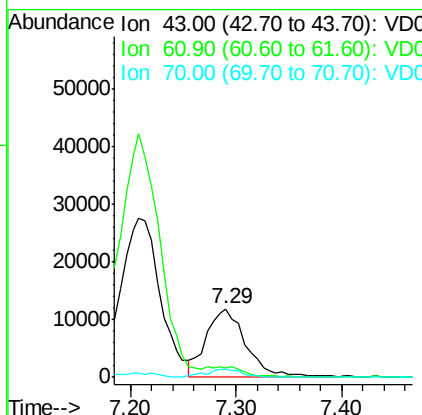
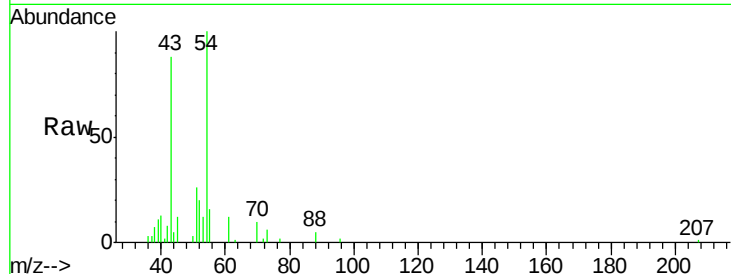
#37
Ethyl Acetate
Concen: 45.653 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.3	19.9#
70	11.2	3.5	5.3#

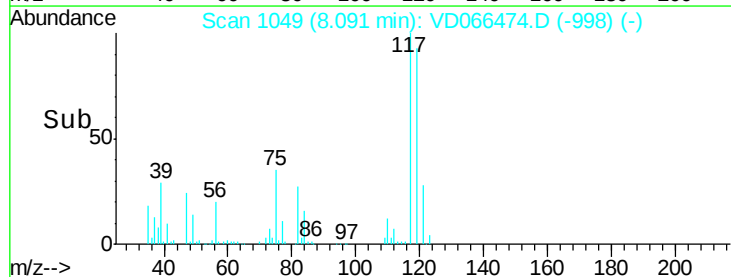
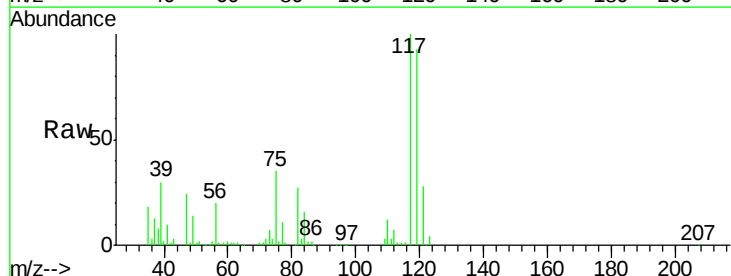
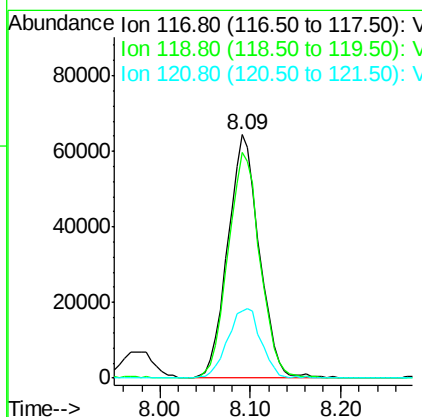
Manual Integrations
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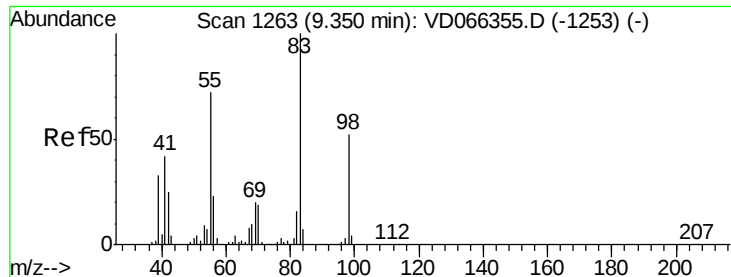
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#38
Carbon Tetrachloride
Concen: 59.804 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.2	115.8
121	27.7	25.8	38.8





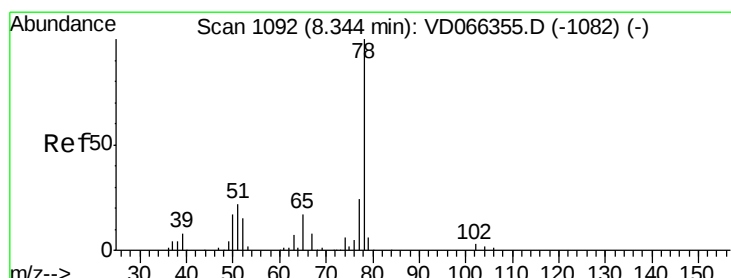
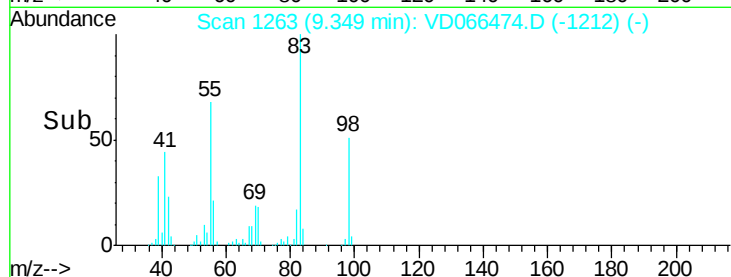
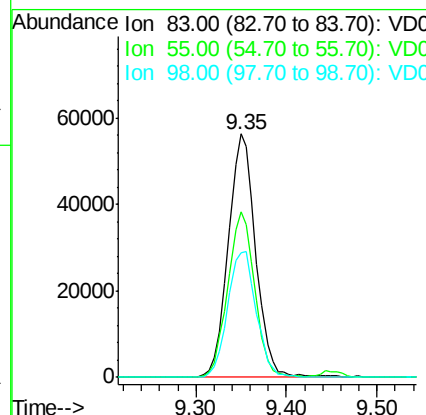
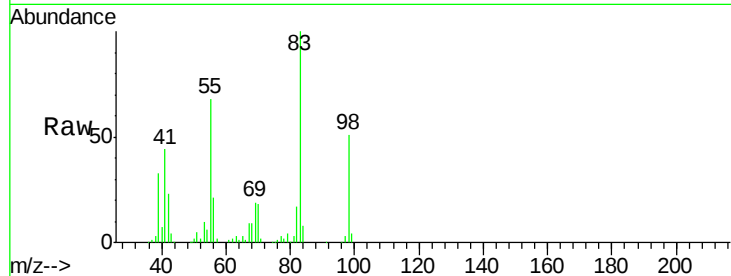
#39
Methvlcvclohexane
Concen: 50.213 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	118493
Ion Ratio	Lower	Upper	
83	100		
55	68.1	58.0	87.0
98	51.2	41.9	62.9

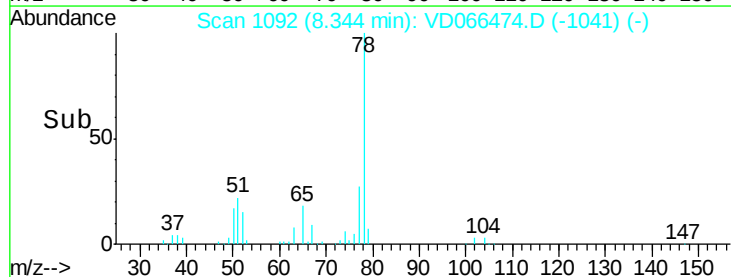
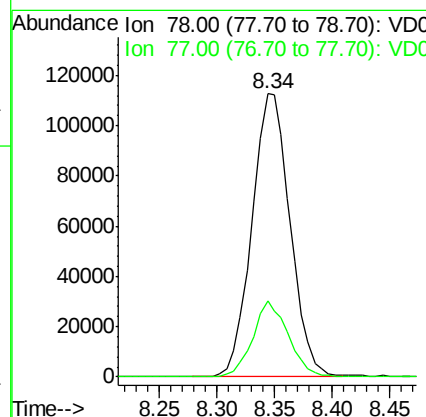
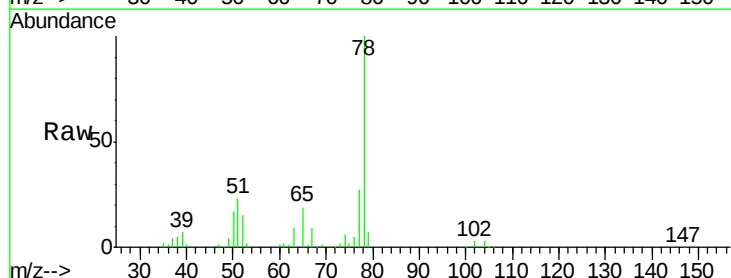
Manual Integrations
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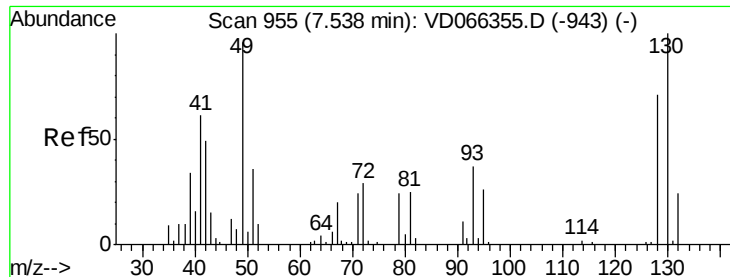
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#40
Benzene
Concen: 49.267 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	78	Resp	259636
Ion Ratio	Lower	Upper	
78	100		
77	26.8	18.8	28.2





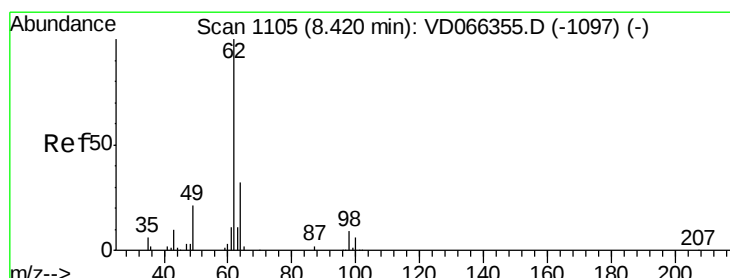
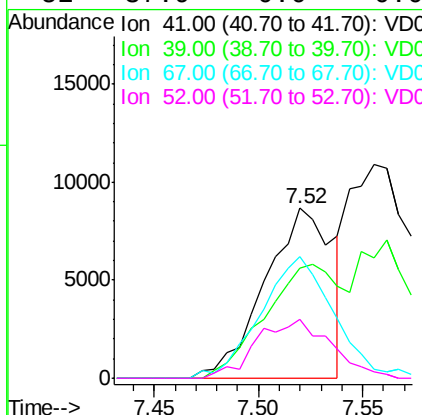
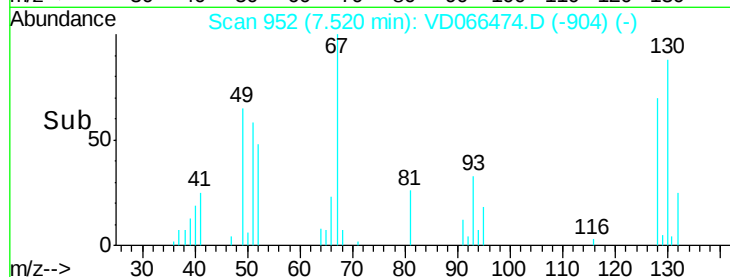
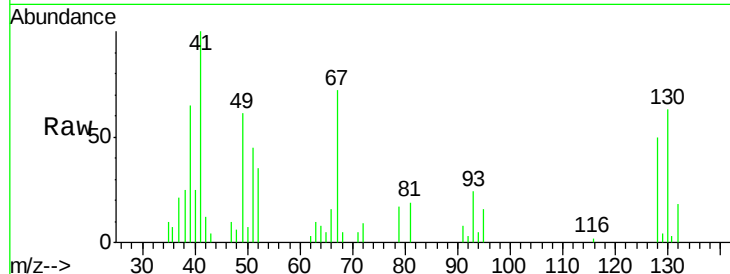
#41
Methacrylonitrile
Concen: 46.784 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	19657
Ion	Ratio	Lower	Upper
41	100		
39	77.1	51.8	77.8
67	76.9	0.0	0.0#
52	37.9	0.0	0.0#

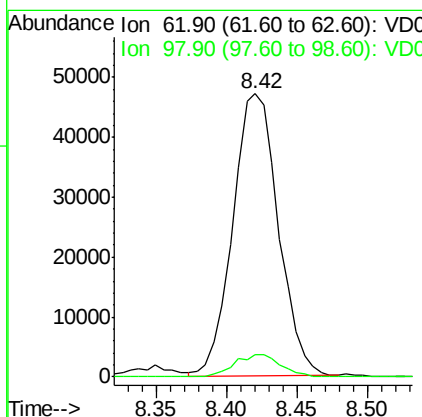
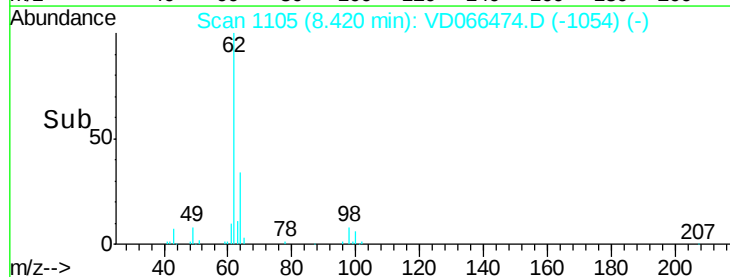
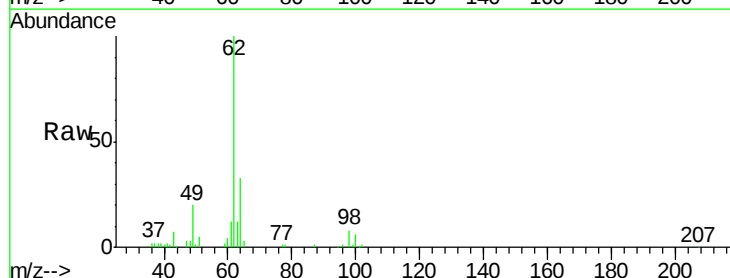
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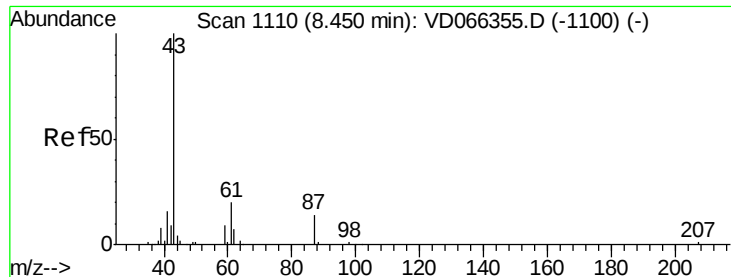
MMDadoda
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#42
1,2-Dichloroethane
Concen: 57.302 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion:	62	Resp:	106358
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 45.794 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

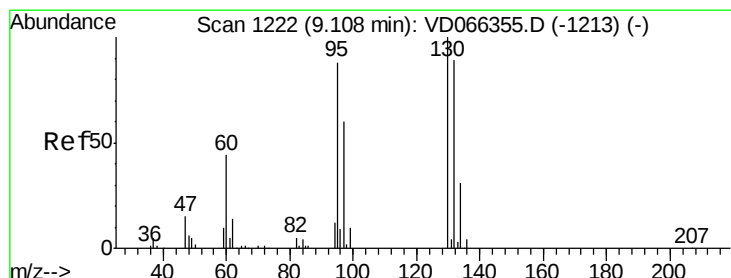
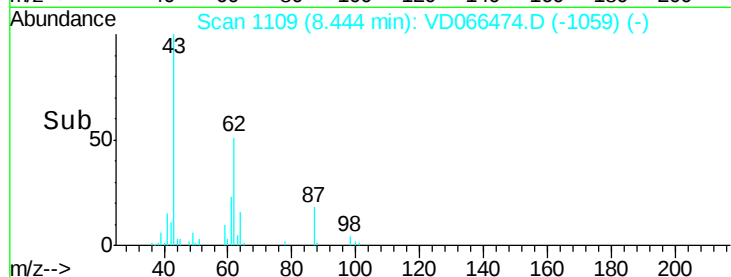
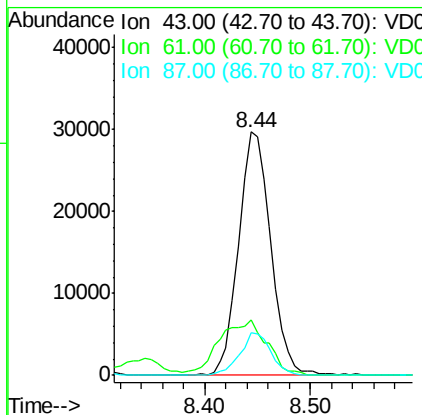
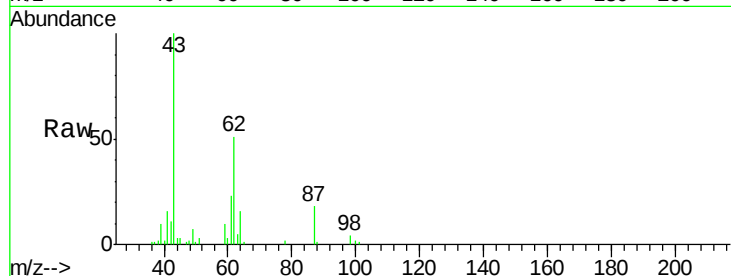
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	62625
Ion	Ratio	Lower	Upper
43	100		
61	33.8	26.5	39.7
87	17.0	11.9	17.9

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#44

Trichloroethene

Concen: 51.455 ug/l

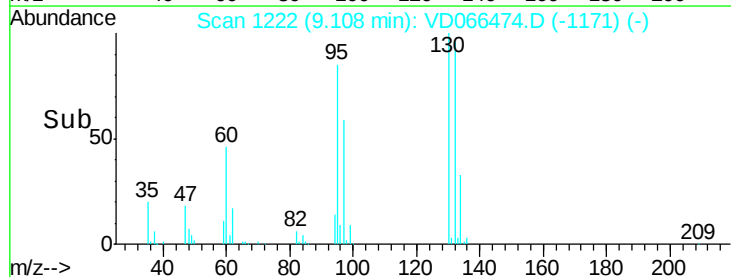
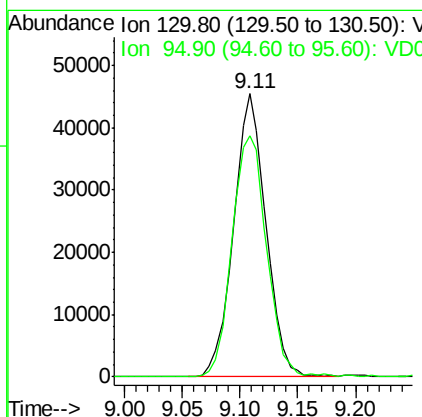
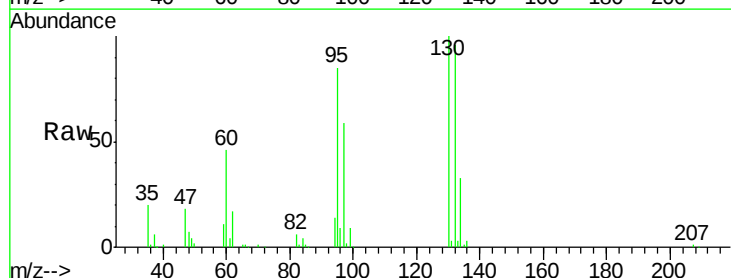
RT: 9.11 min Scan# 1222

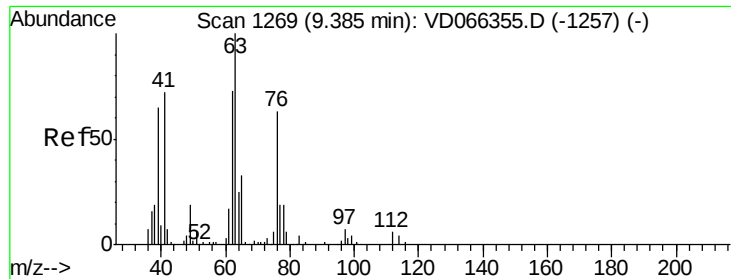
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion:	130	Resp:	88112
Ion	Ratio	Lower	Upper
130	100		
95	85.3	0.0	175.6





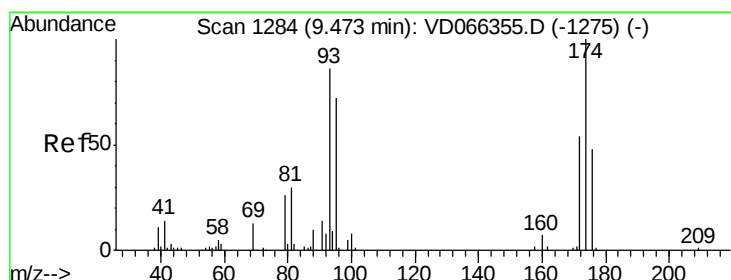
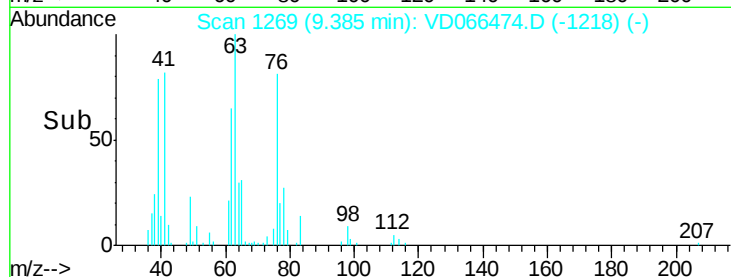
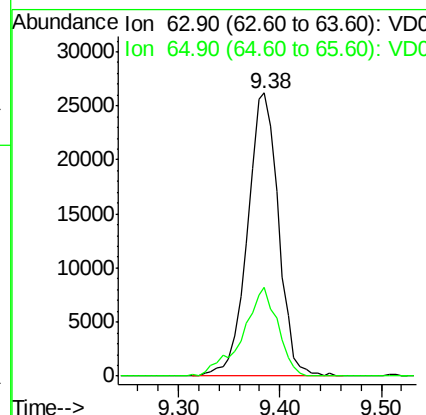
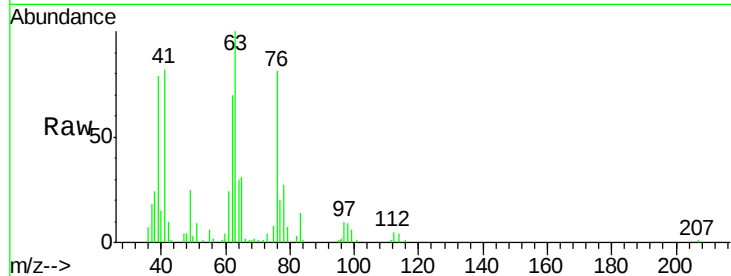
#45
 1,2-Dichloropropane
 Concen: 46.426 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 55466
 Ion Ratio Lower Upper
 63 100
 65 31.5 26.4 39.6

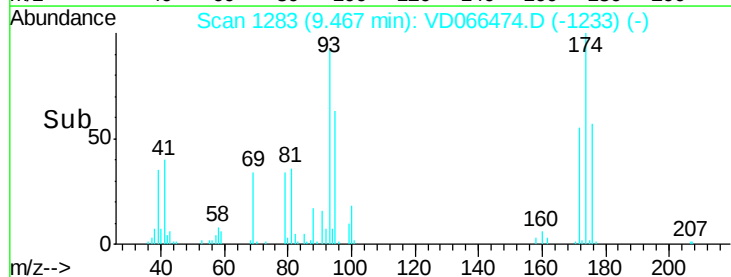
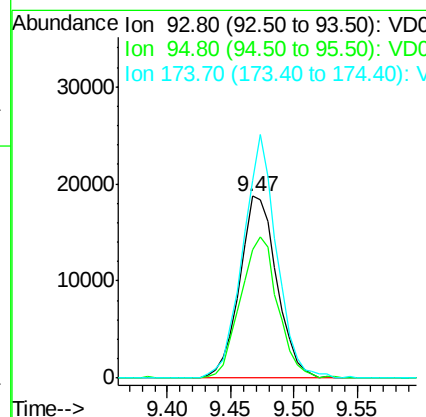
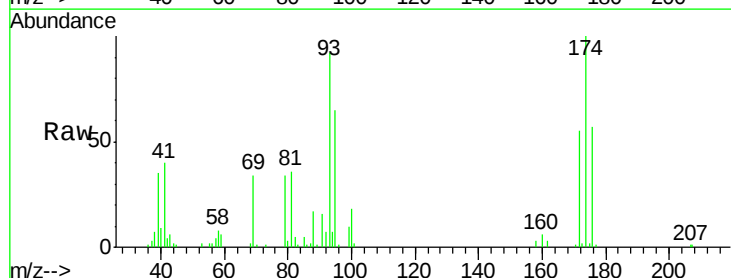
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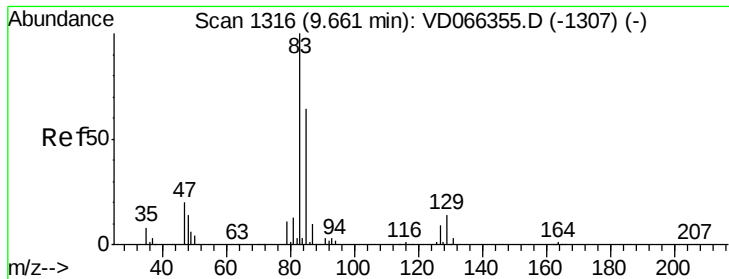
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 9/1/2020 12:38:46 PM



#46
 Dibromomethane
 Concen: 51.316 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion: 93 Resp: 38172
 Ion Ratio Lower Upper
 93 100
 95 78.0 66.0 99.0
 174 121.4 94.6 141.8





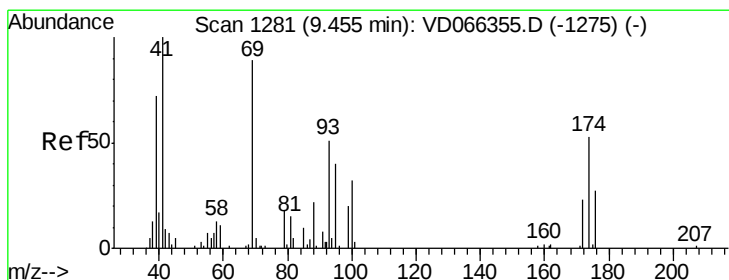
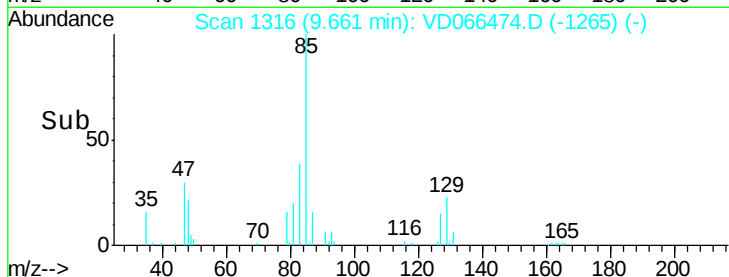
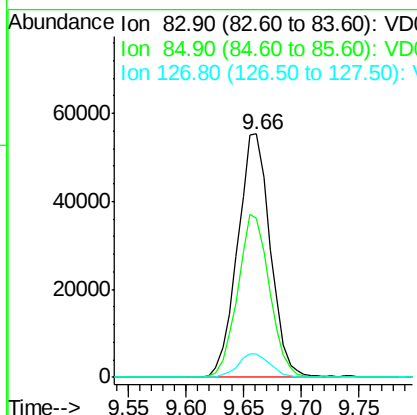
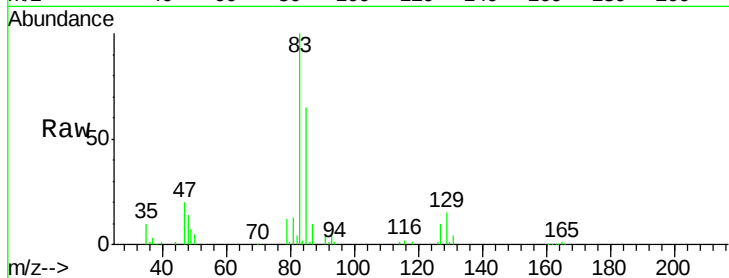
#47
Bromodichloromethane
Concen: 53.338 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	109112		
85	65.4		51.4	77.0
127	9.6		7.4	11.0

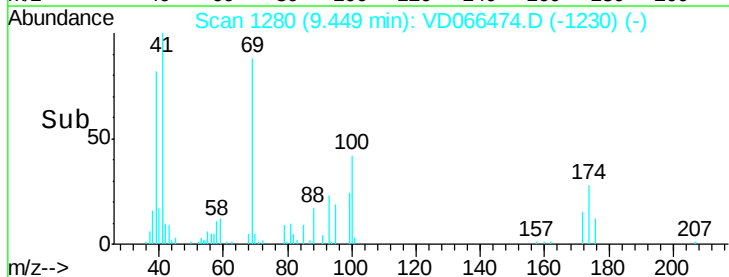
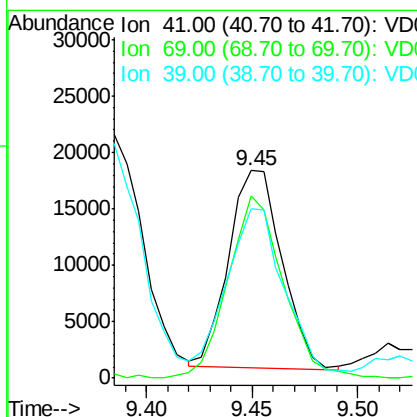
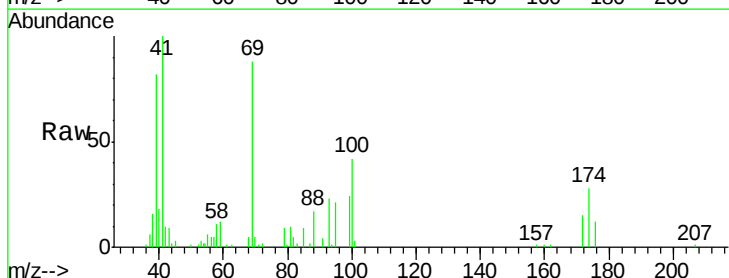
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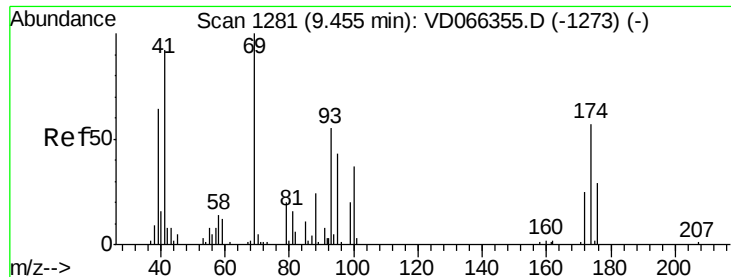
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#48
Methyl methacrylate
Concen: 43.510 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	30683		
69	95.9		75.5	113.3
39	86.3		57.0	85.4#





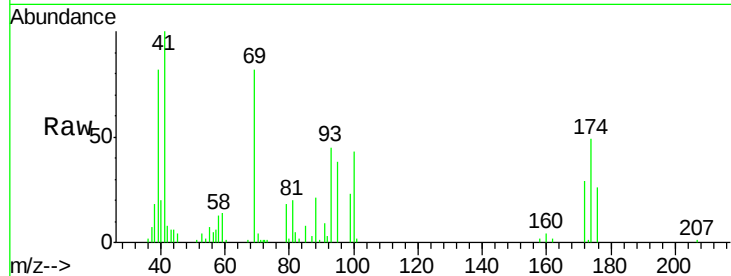
#49
1,4-Dioxane
Concen: 968.118 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

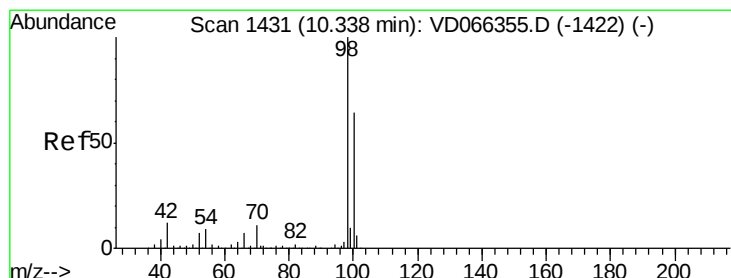
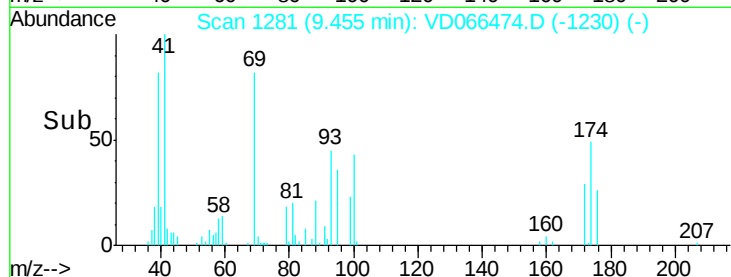
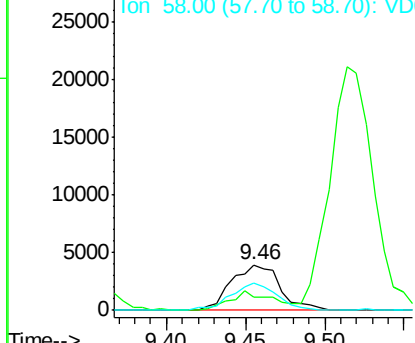
Tot Ion	88	Resp	8362
Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.4	44.0
58	56.9	45.4	68.2

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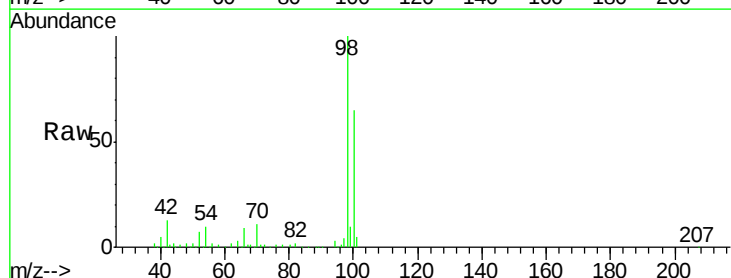


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

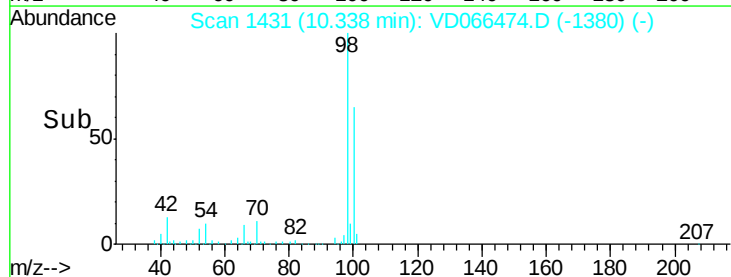
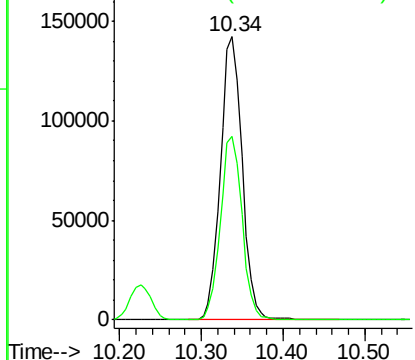


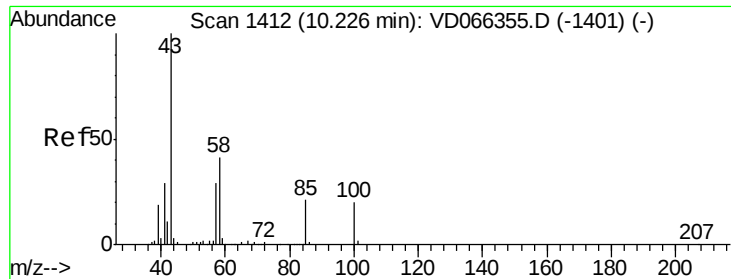
#50
Toluene-d8
Concen: 52.575 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	98	Resp	264089
Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 214.863 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 142145

Ion Ratio Lower Upper

43 100

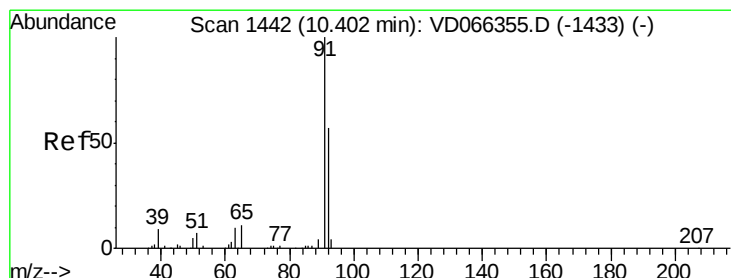
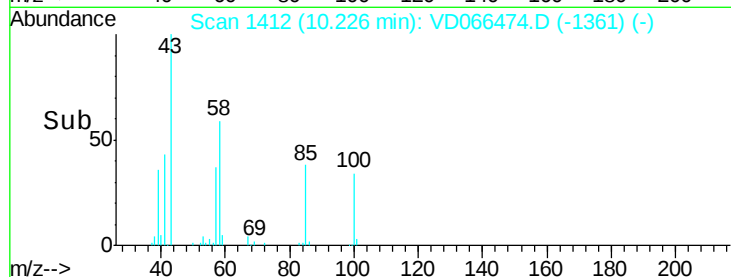
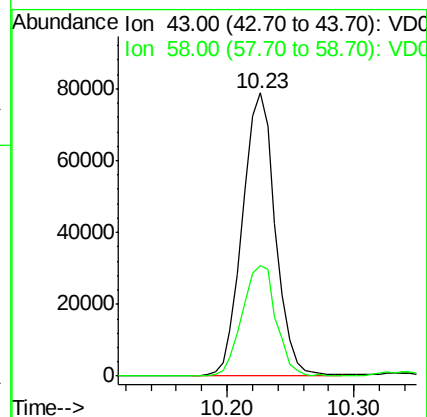
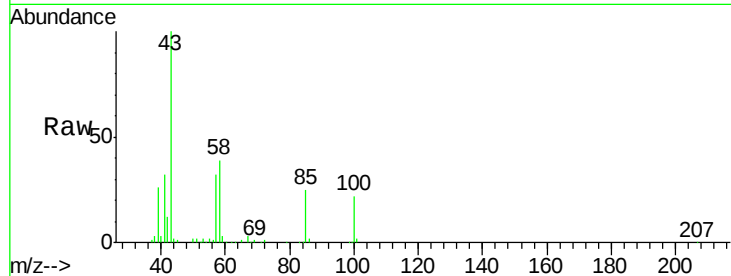
58 40.2 31.4 47.2

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#52

Toluene

Concen: 50.378 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066474.D

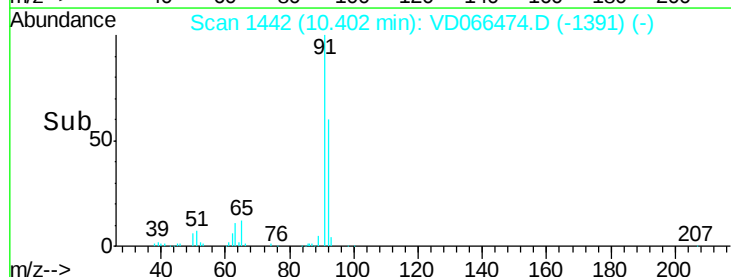
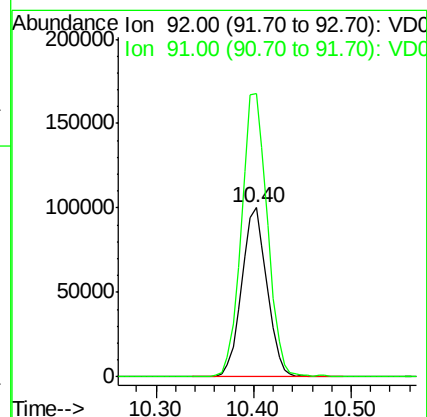
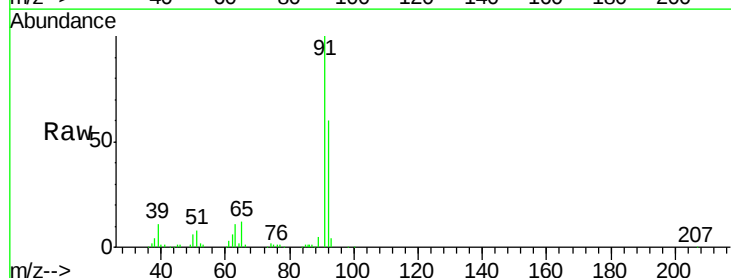
Acq: 31 Aug 2020 10:35

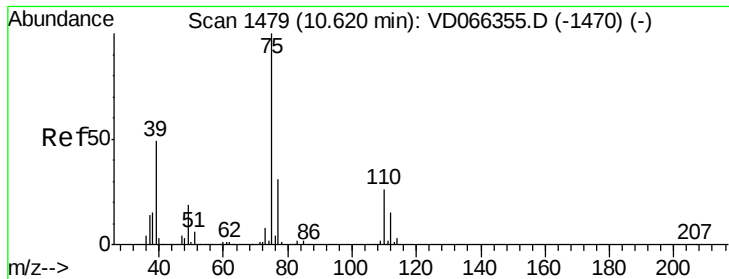
Tgt Ion: 92 Resp: 179867

Ion Ratio Lower Upper

92 100

91 171.7 135.8 203.6





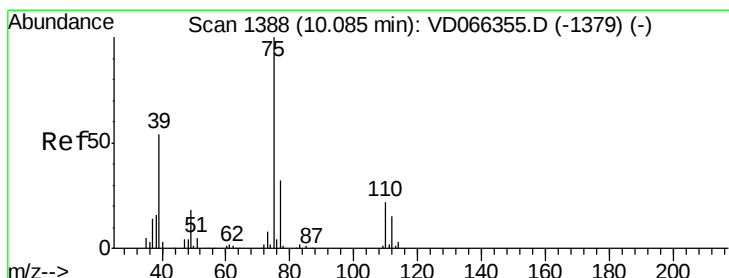
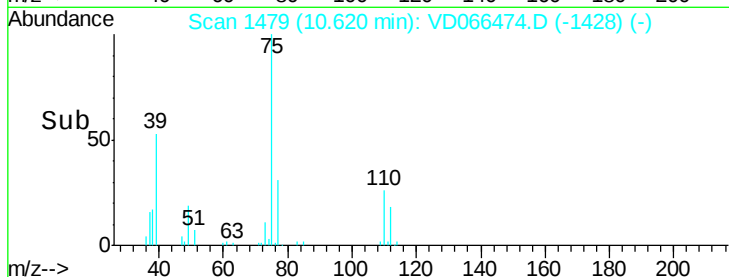
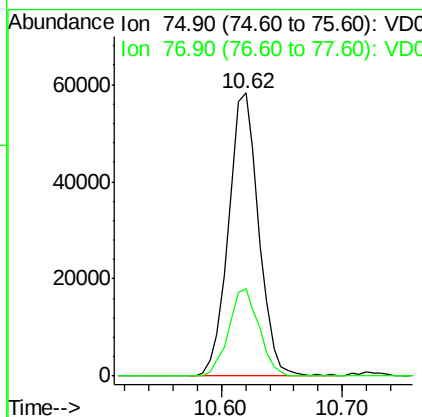
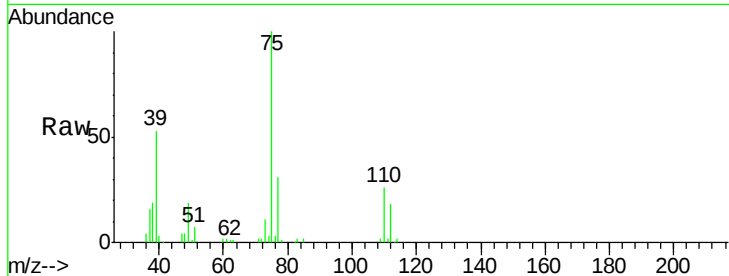
#53
t-1,3-Dichloropropene
Concen: 52.200 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 101324
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

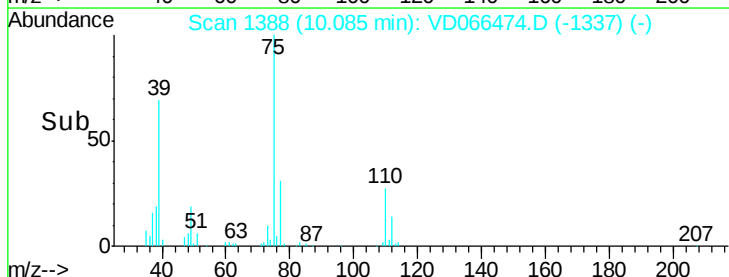
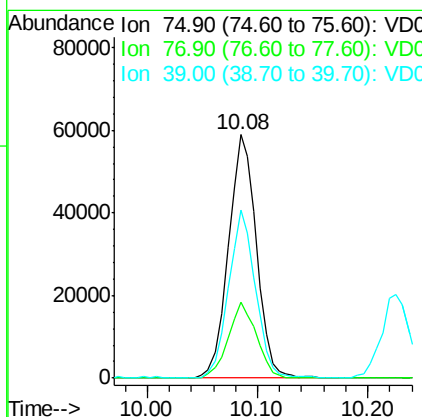
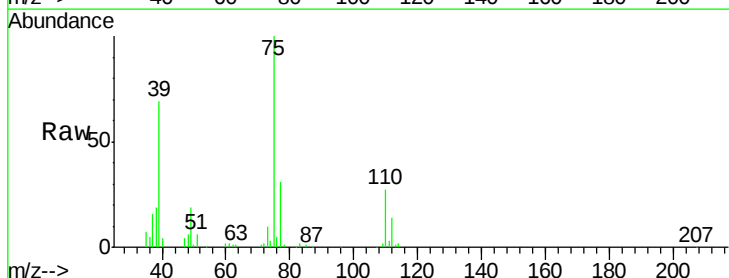
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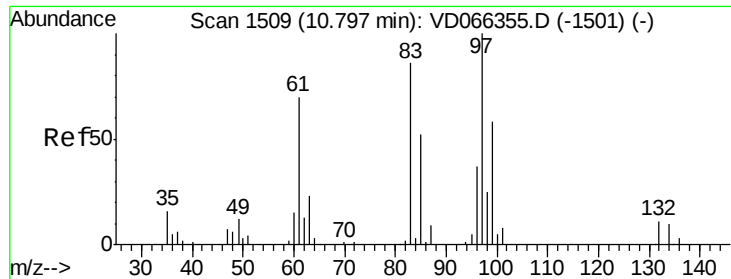
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#54
cis-1,3-Dichloropropene
Concen: 48.056 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion: 75 Resp: 104704
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 69.1 43.4 65.0#





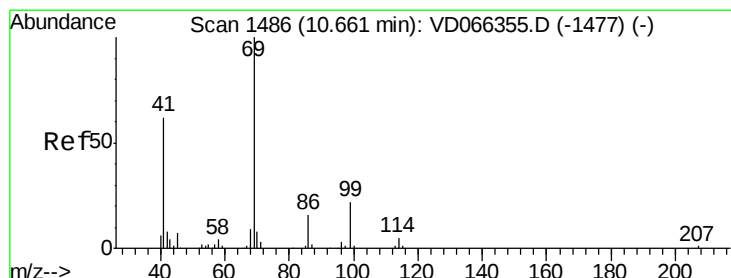
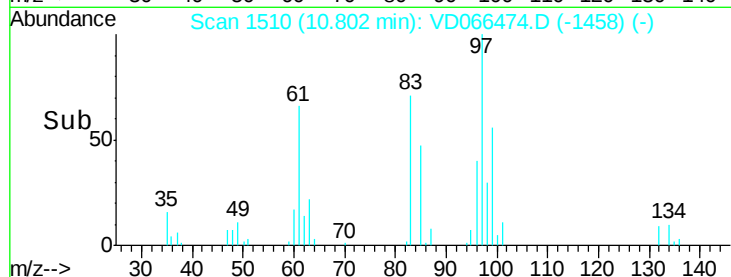
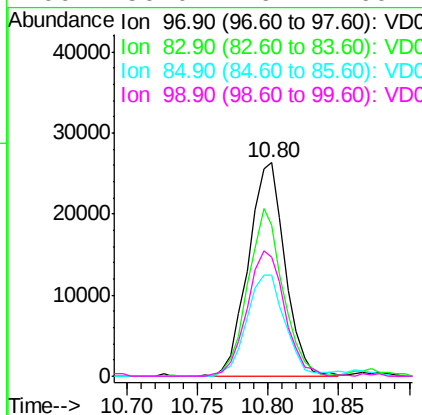
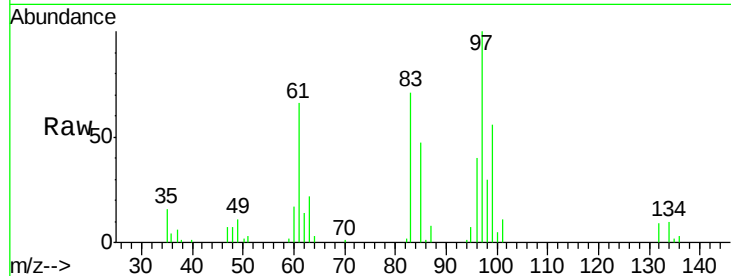
#55
 1,1,2-Trichloroethane
 Concen: 47.659 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	47993		
83	71.0	68.4	102.6	
85	47.1	41.3	61.9	
99	56.0	46.1	69.1	

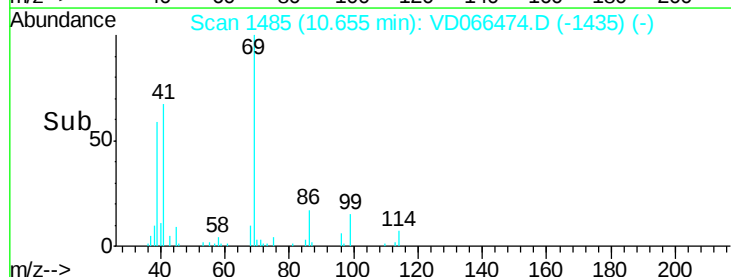
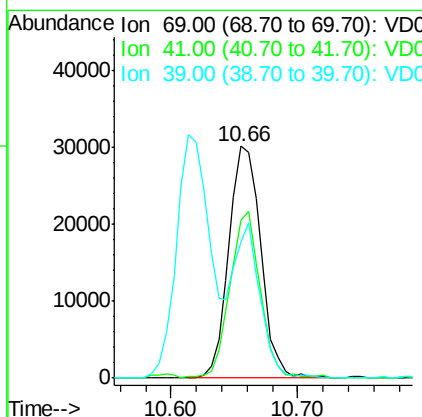
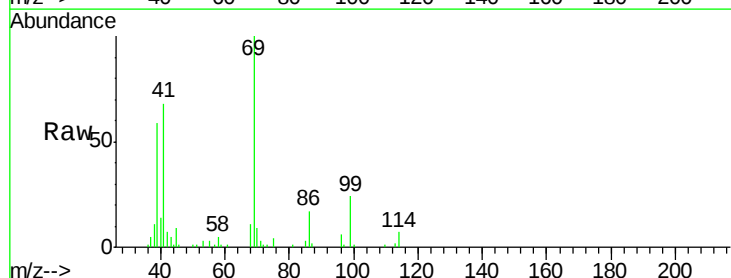
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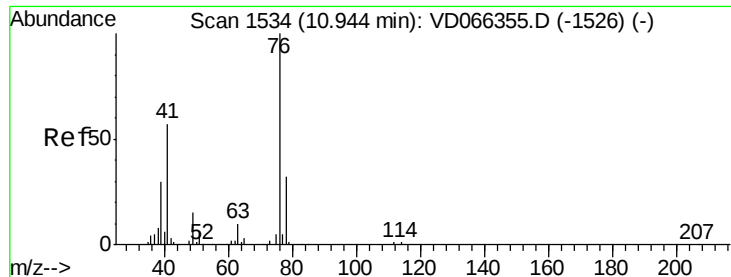
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#56
 Ethyl methacrylate
 Concen: 45.199 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	52690		
41	68.1	50.8	76.2	
39	53.9	32.9	49.3	





#57

1,3-Dichloropropane

Concen: 46.909 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 78137

Ion Ratio Lower Upper

76 100

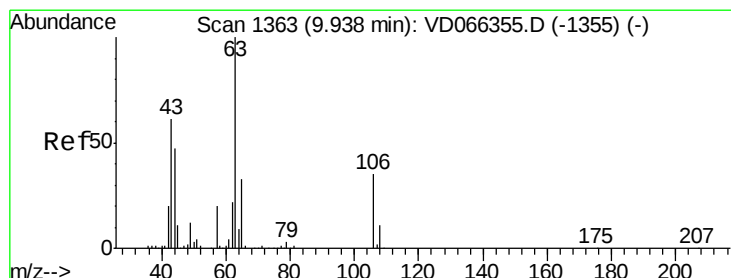
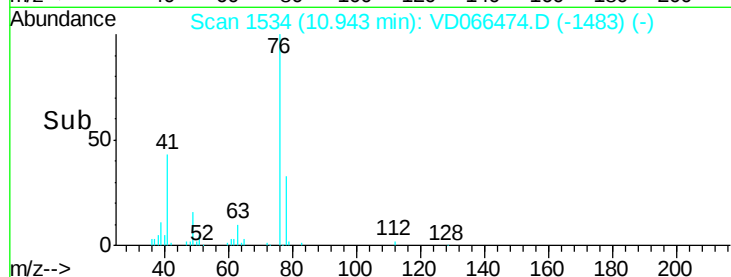
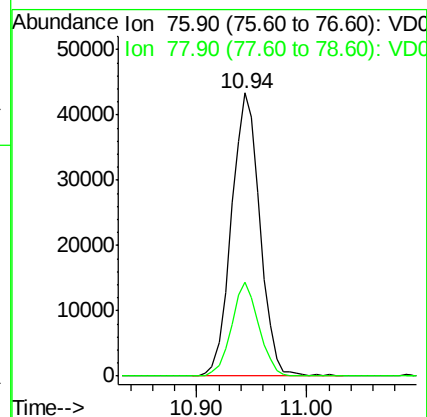
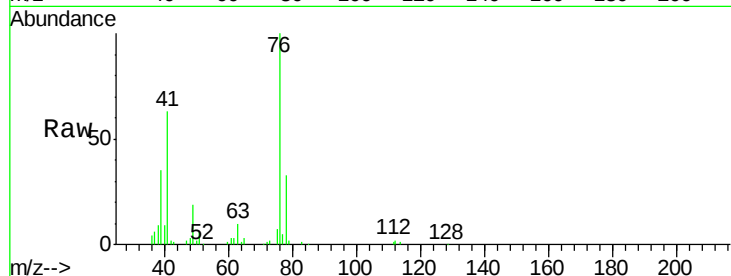
78 31.5 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 240.053 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066474.D

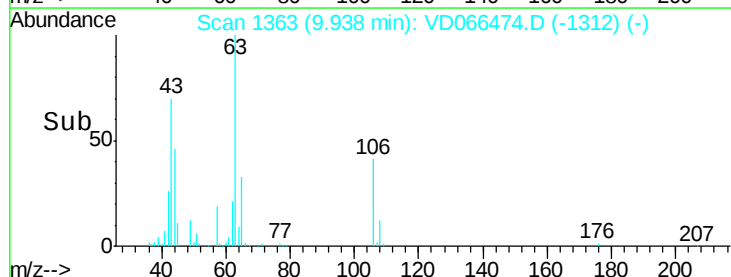
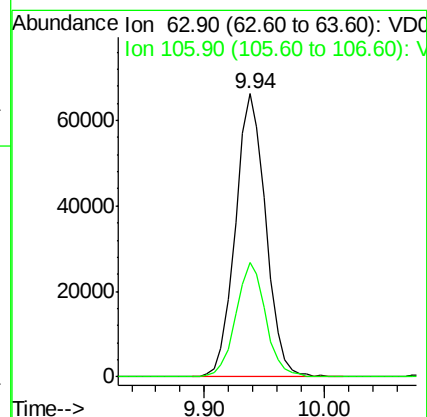
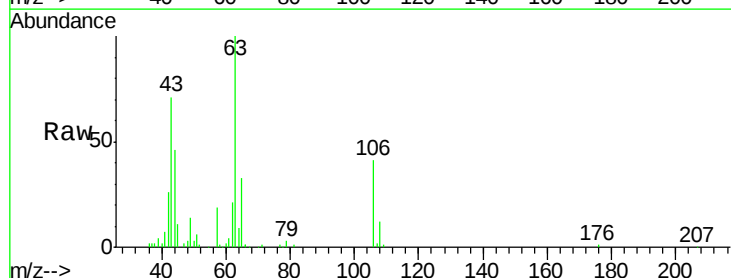
Acq: 31 Aug 2020 10:35

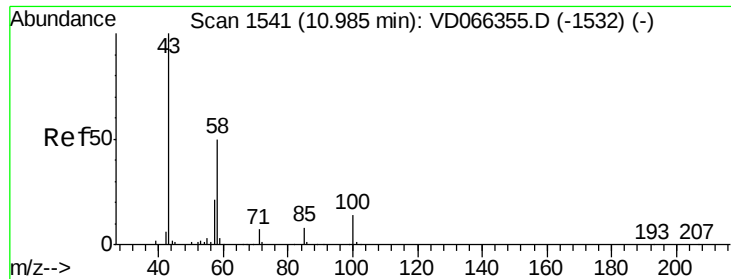
Tgt Ion: 63 Resp: 116225

Ion Ratio Lower Upper

63 100

106 39.5 27.1 40.7





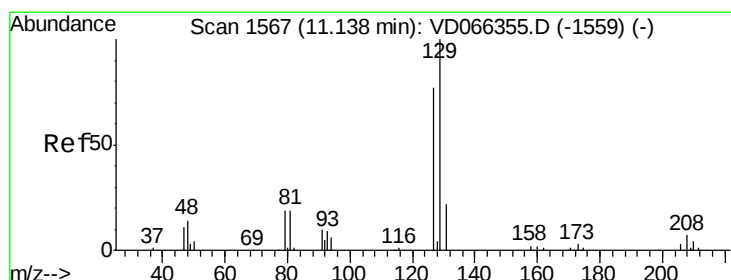
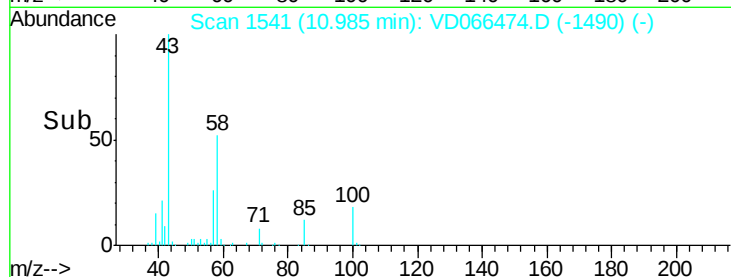
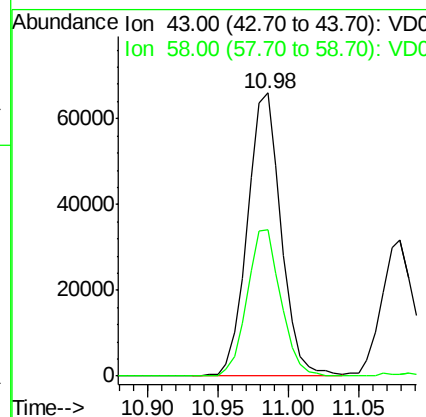
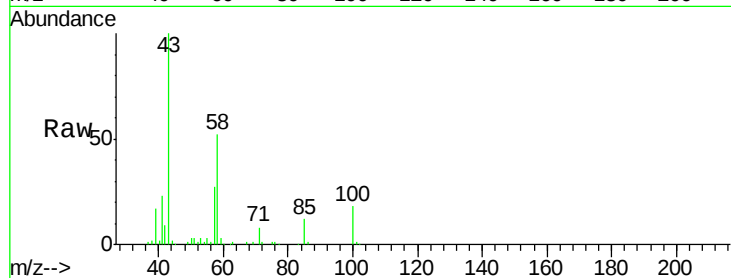
#59
2-Hexanone
Concen: 236.751 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 110478
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.8

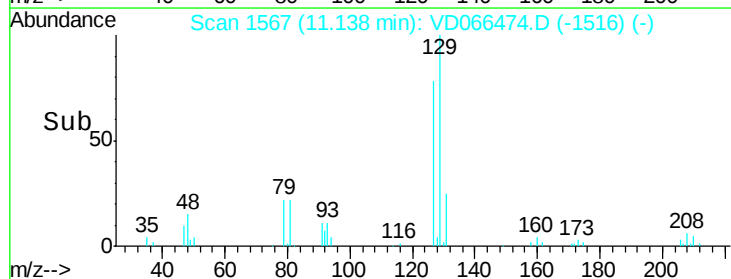
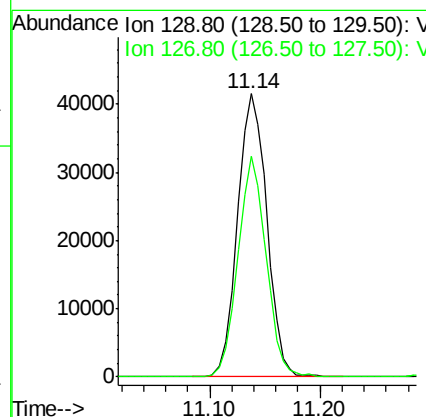
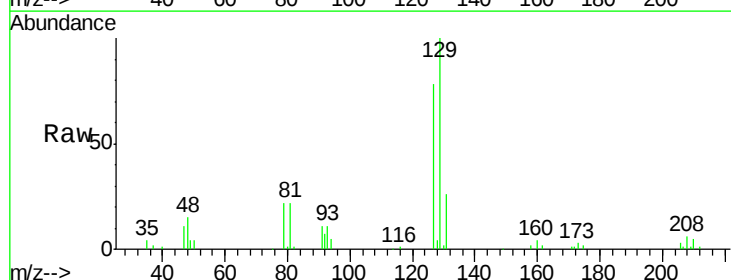
Manual Integrations
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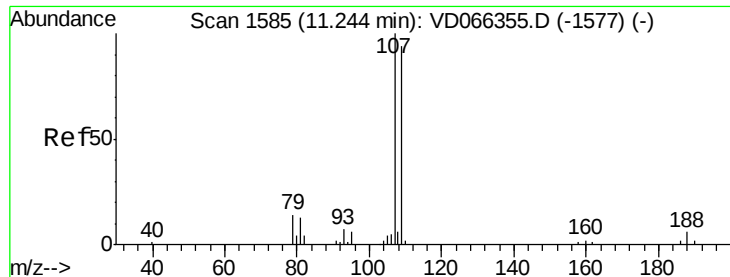
MMDadoda
9/1/2020 12:38:46 PM



#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion:129 Resp: 77375
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 47.163 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 46739

Ion Ratio Lower Upper

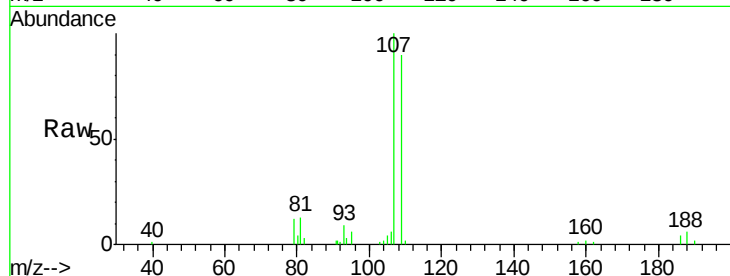
107 100

109 90.6 77.8 116.8

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

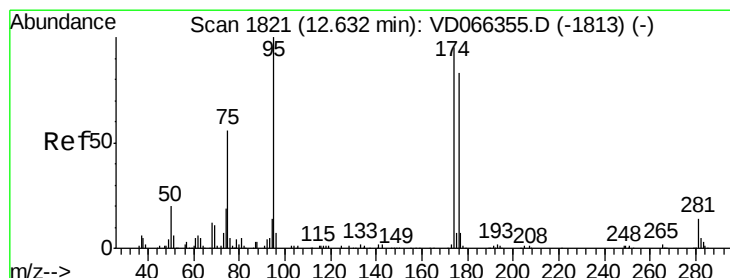
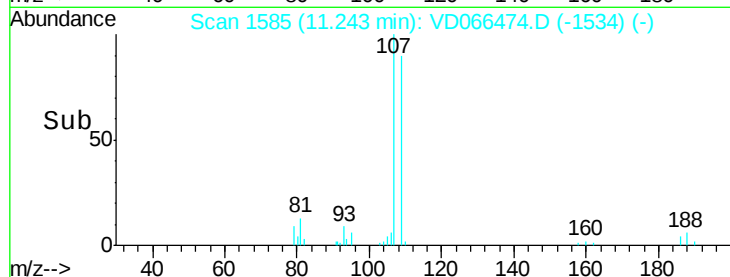
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.736 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

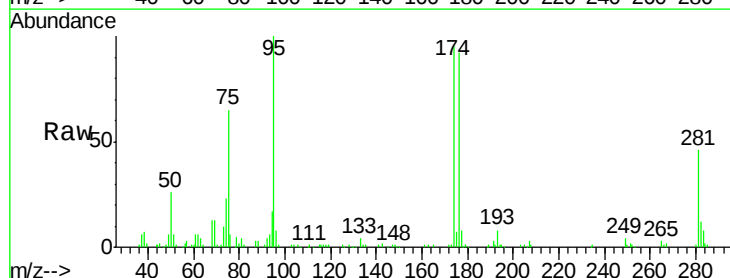
Tgt Ion: 95 Resp: 92215

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.4

176 93.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

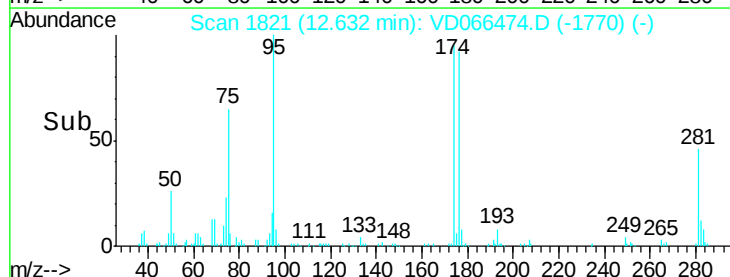
60000

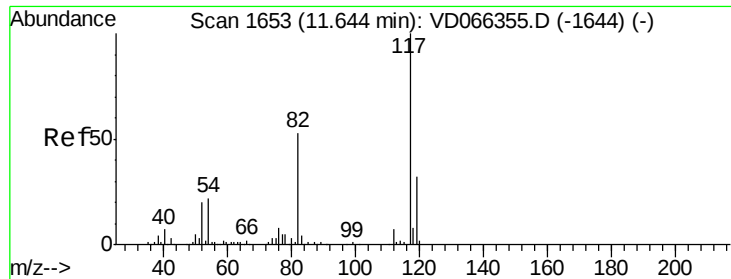
40000

20000

0

Time-->





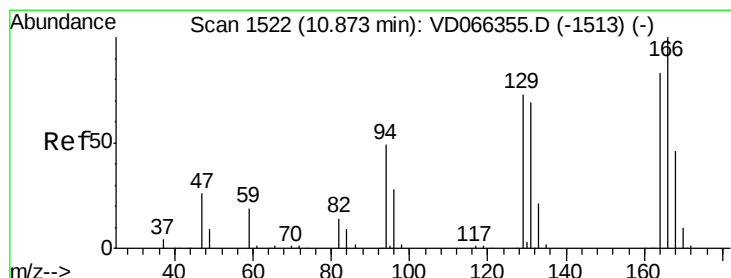
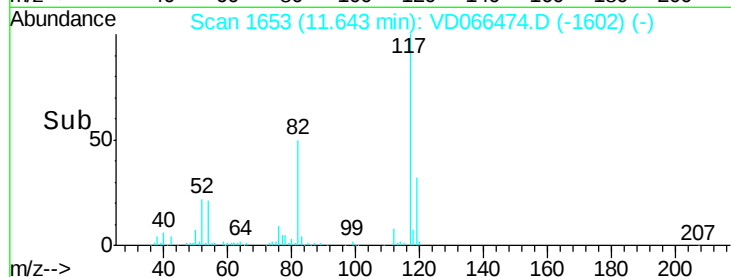
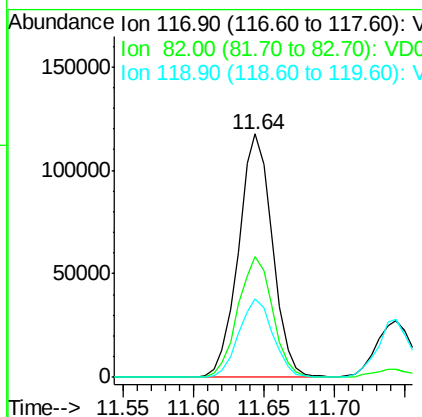
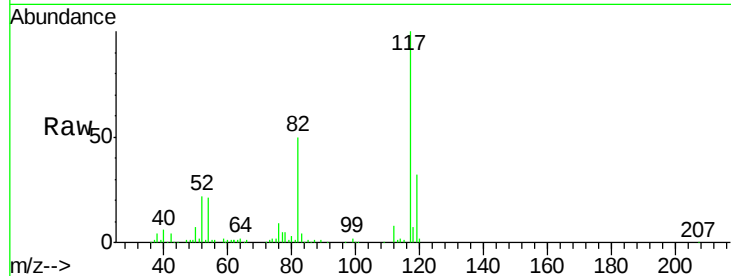
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	197203		
82	49.7	42.8	64.2	
119	32.4	25.8	38.8	

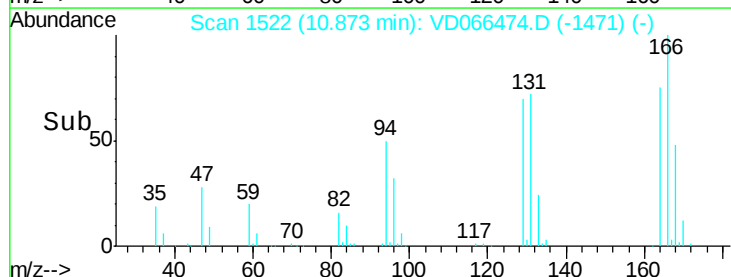
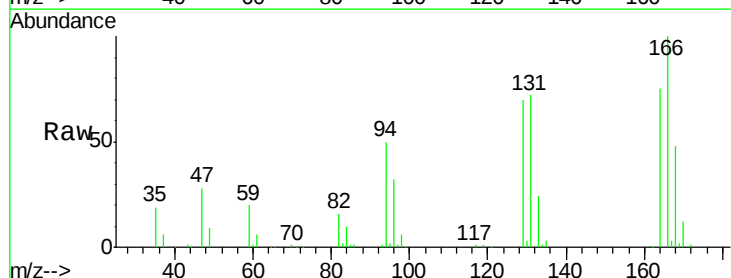
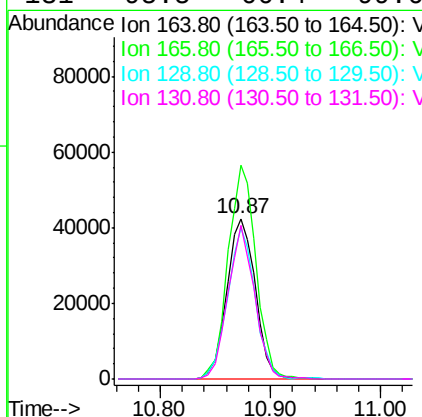
Manual Integrations
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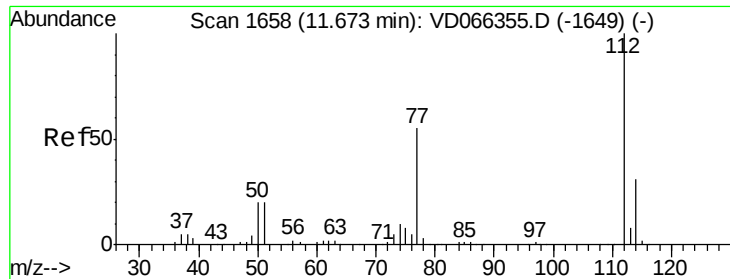
MMDadoda
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#64
Tetrachloroethene
Concen: 51.634 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	77243		
166	133.0	96.2	144.4	
129	93.7	70.3	105.5	
131	95.5	66.4	99.6	





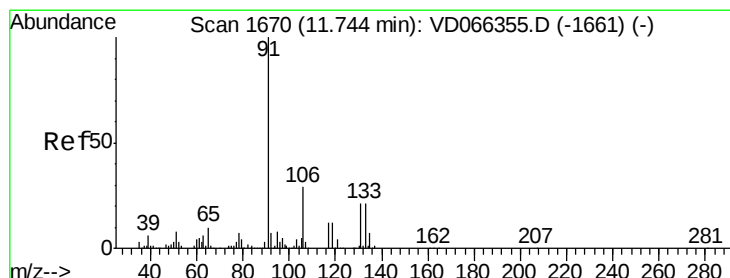
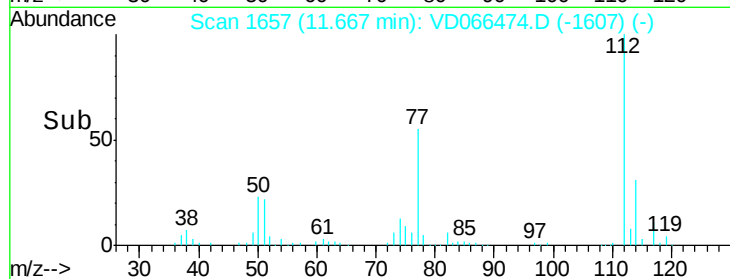
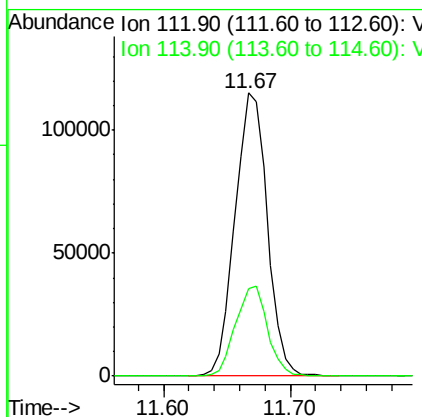
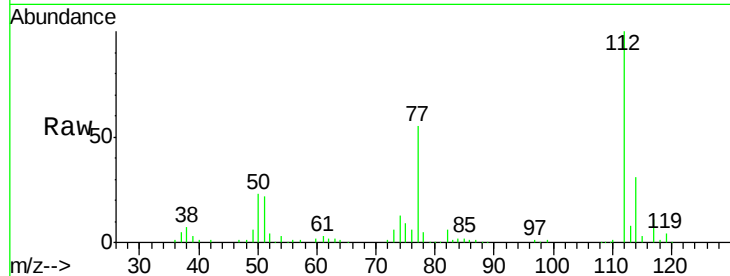
#65
Chlorobenzene
Concen: 51.799 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 203226
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

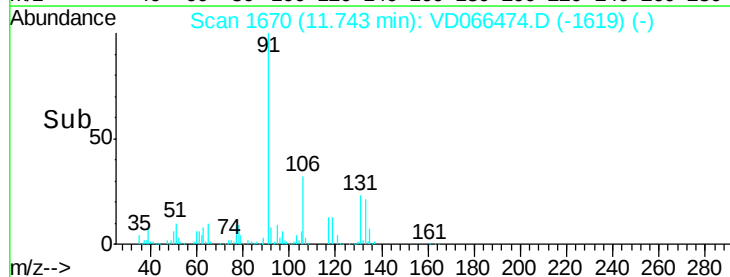
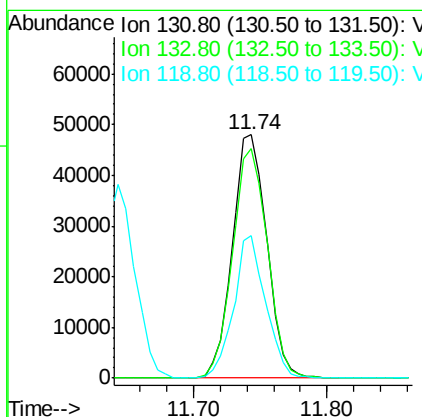
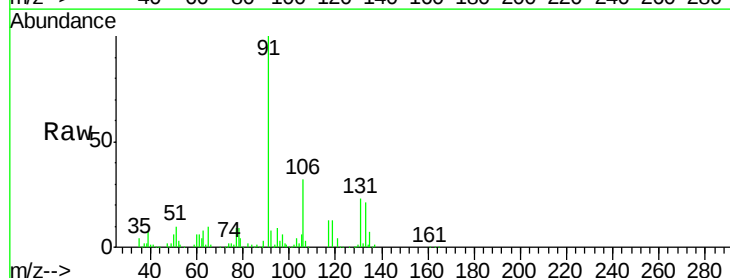
Manual Integrations
APPROVED

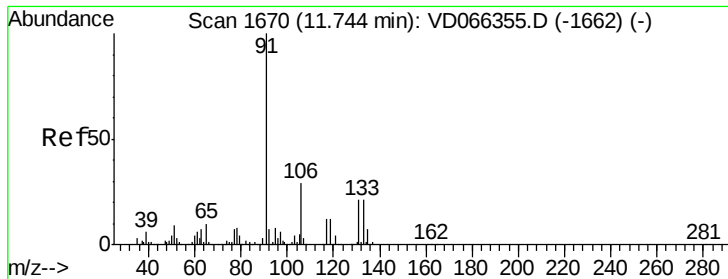
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.666 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion:131 Resp: 86045
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.9
119 54.4 29.0 87.1





#67

Ethyl Benzene

Concen: 52.209 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 360560

Ion Ratio Lower Upper

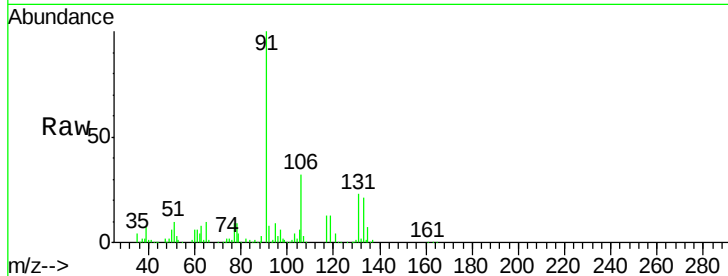
91 100

106 32.2 23.4 35.2

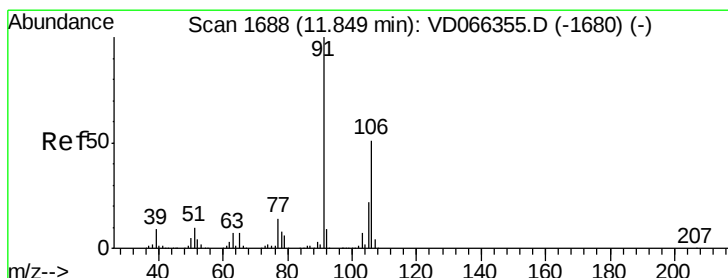
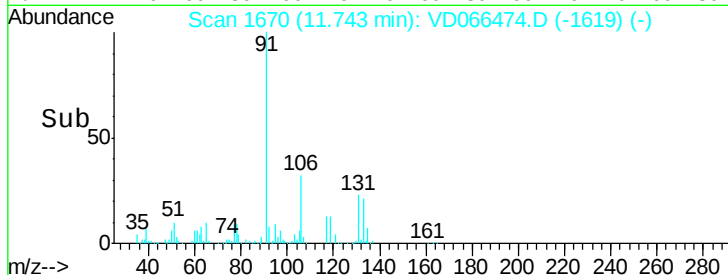
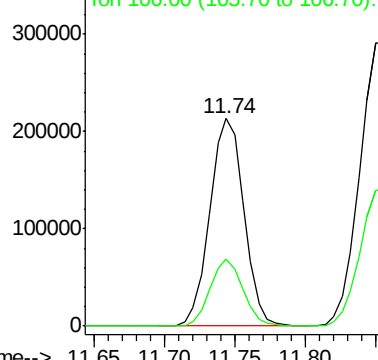
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1662) (-)



#68

m/p-Xylenes

Concen: 104.840 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066474.D

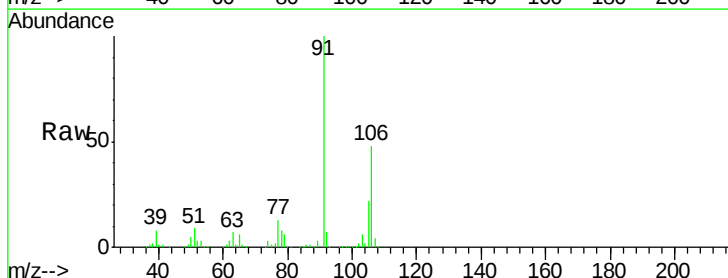
Acq: 31 Aug 2020 10:35

Tgt Ion: 106 Resp: 275969

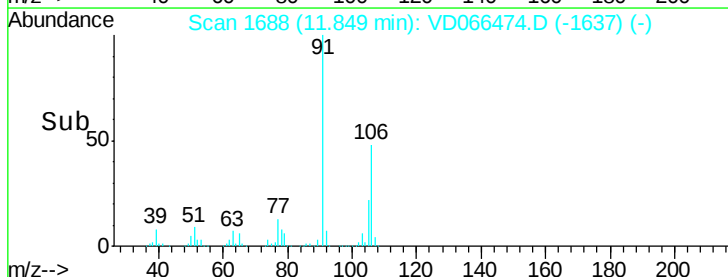
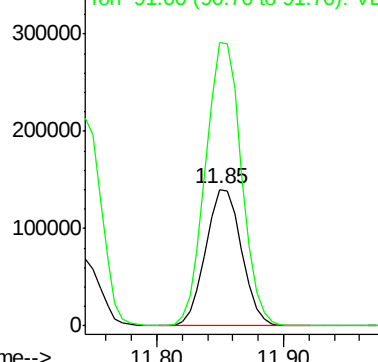
Ion Ratio Lower Upper

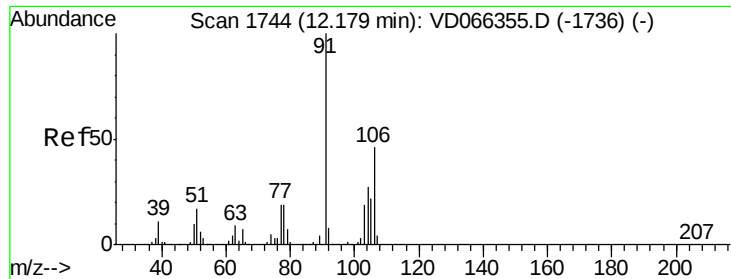
106 100

91 207.5 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066355.D (-1680) (-)





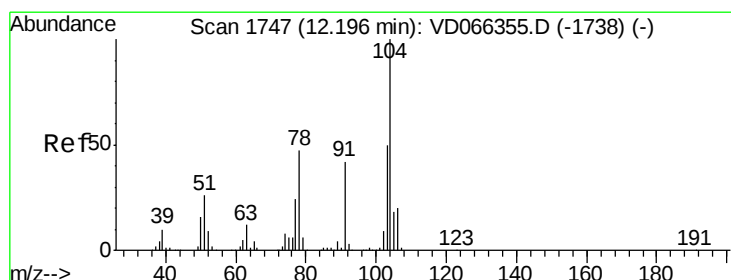
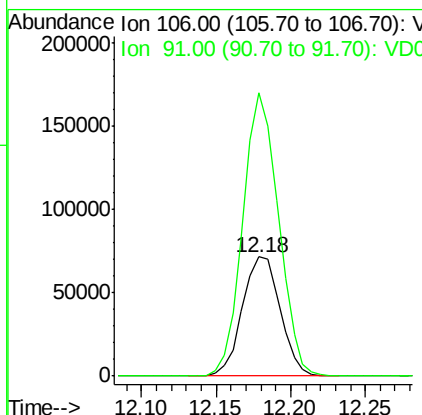
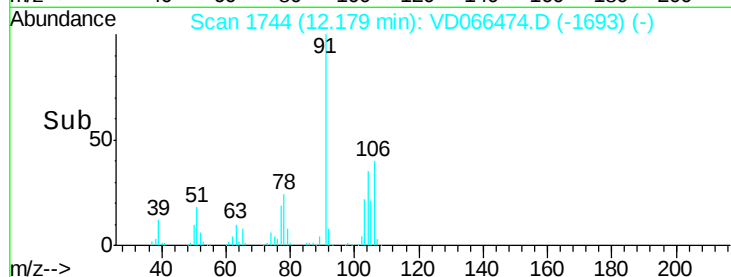
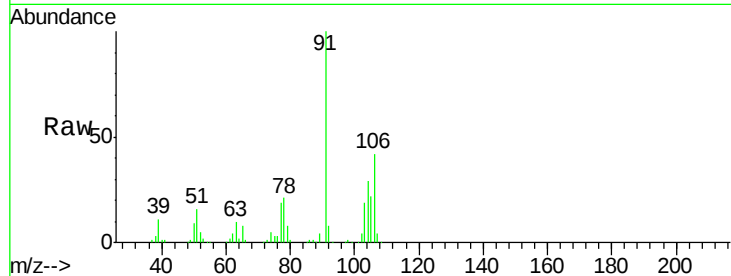
#69
o-Xylene
Concen: 51.330 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	125696		
91	223.6	109.1	327.3	

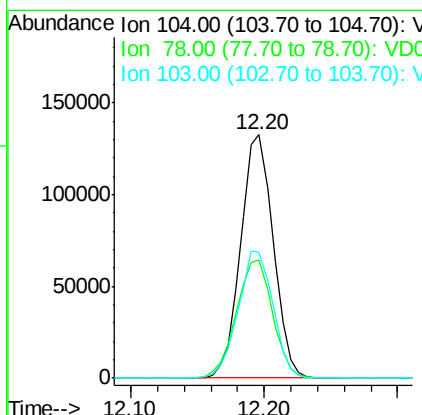
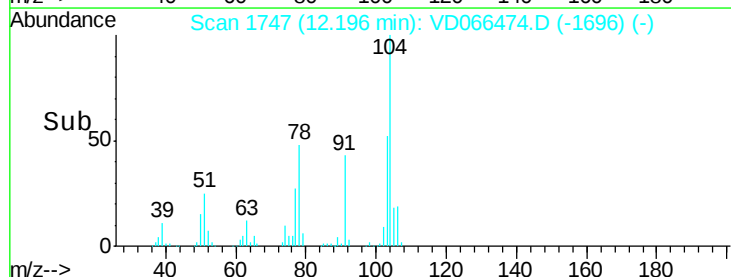
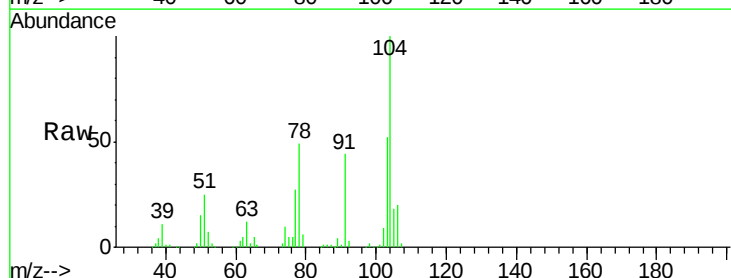
Manual Integrations
APPROVED

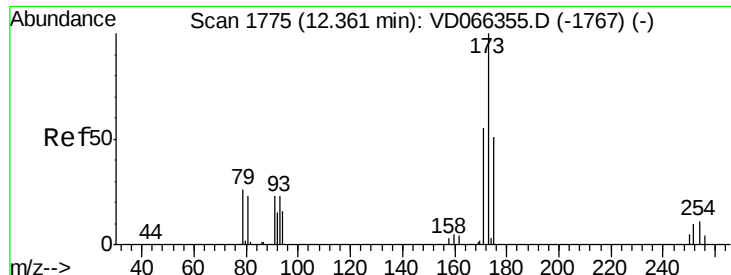
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#70
Styrene
Concen: 53.293 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	224081		
78	54.1	41.7	62.5	
103	55.9	43.5	65.3	





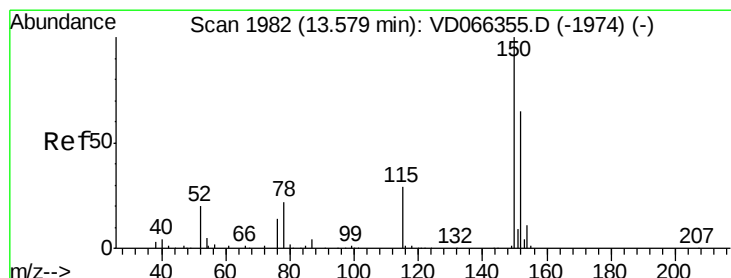
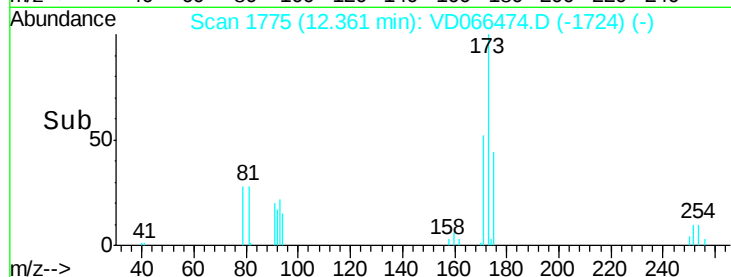
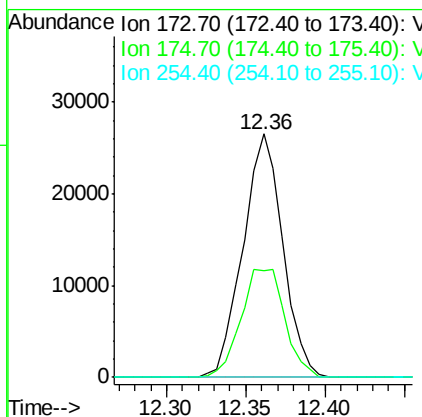
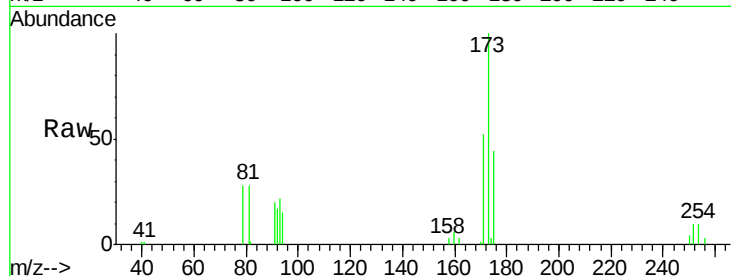
#71
Bromoform
Concen: 50.846 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.8	74.3
254	0.0	0.0	0.0

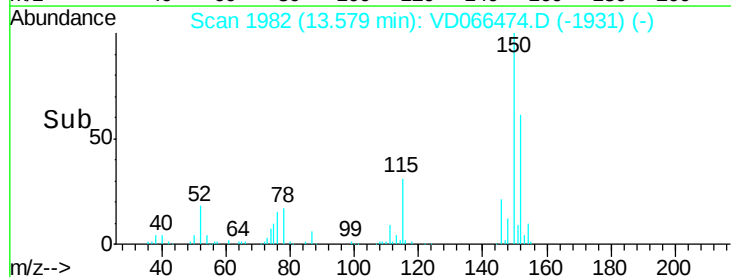
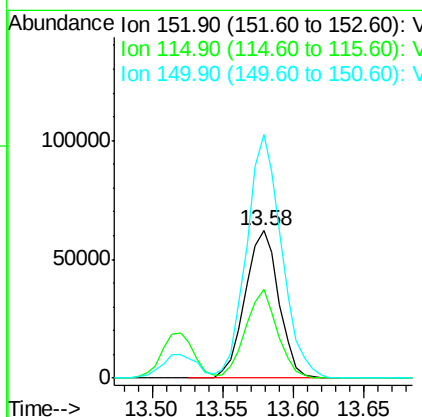
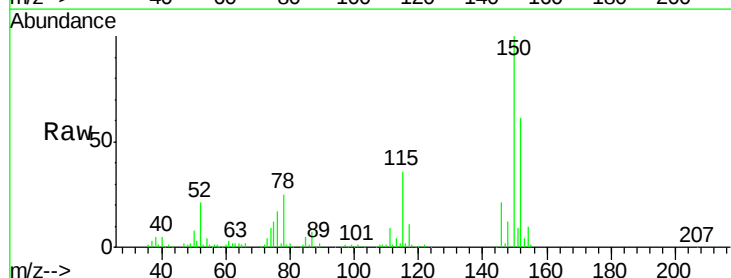
Manual Integrations
APPROVED

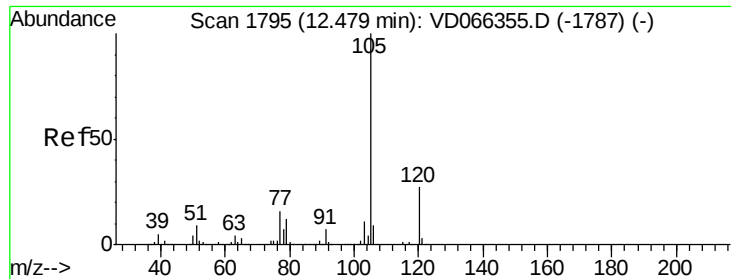
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	172.3	0.0	343.2





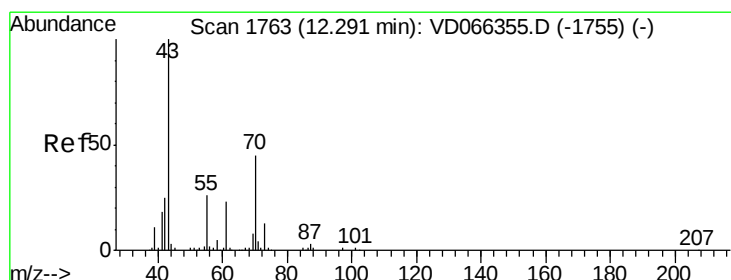
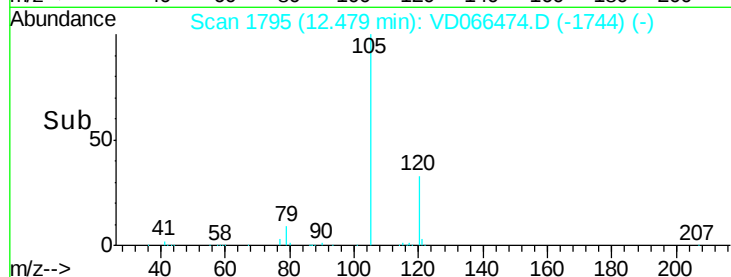
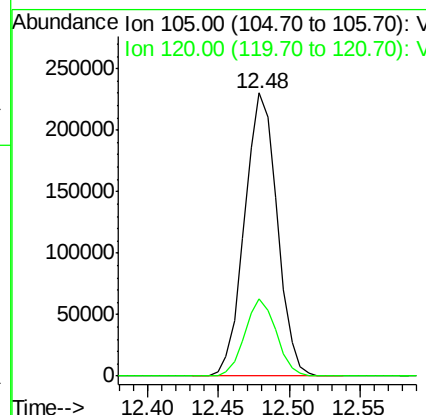
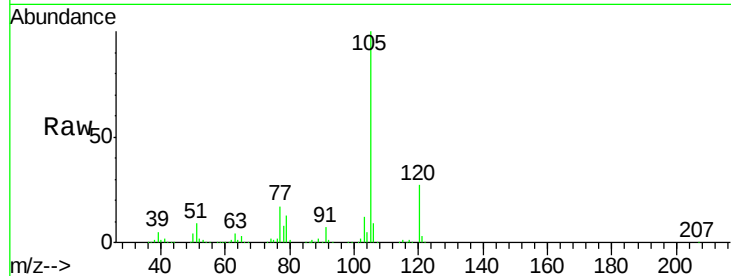
#73
Isopropylbenzene
Concen: 53.641 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.6	40.8

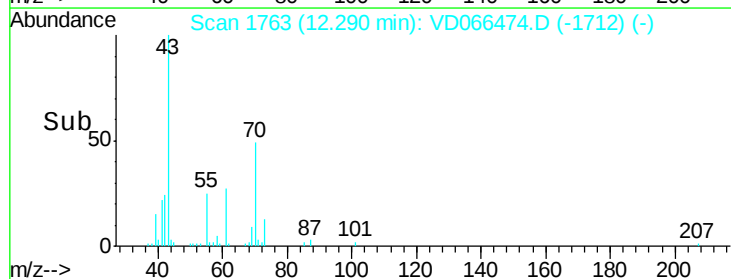
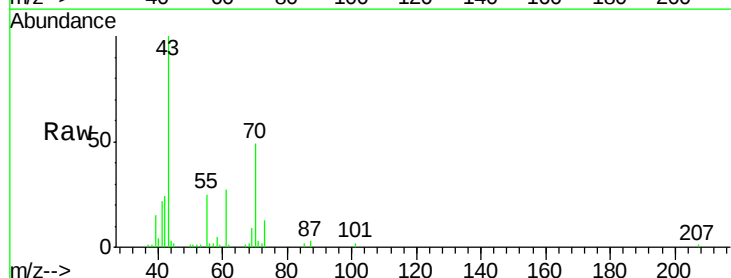
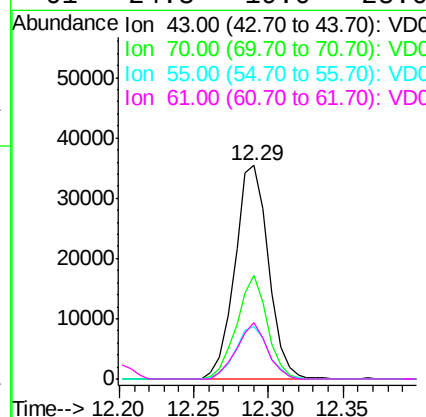
Manual Integrations
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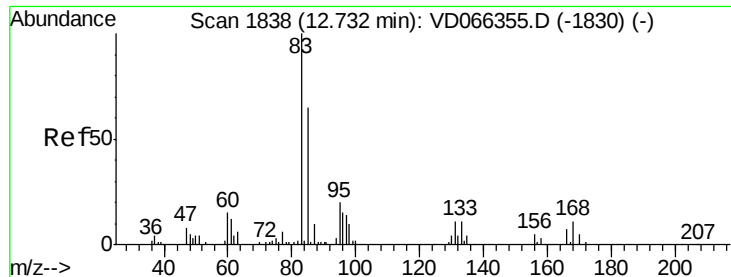
MMDadoda
9/1/2020 12:38:46 PM



#74
N-ethyl acetate
Concen: 44.314 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.8	52.2
55	24.3	20.3	30.5
61	24.3	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.032 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 41706

Ion Ratio Lower Upper

83 100

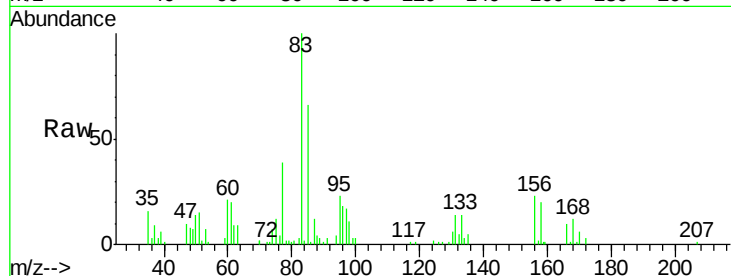
131 15.3 7.0 20.9

85 68.4 32.4 97.0

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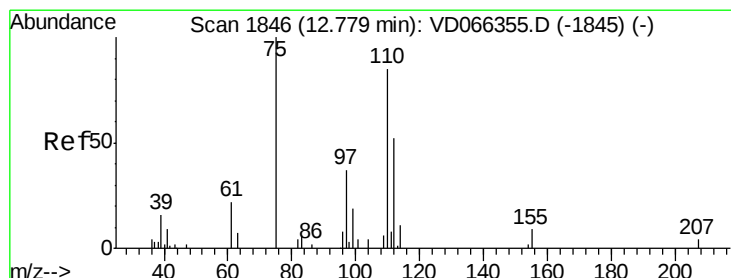
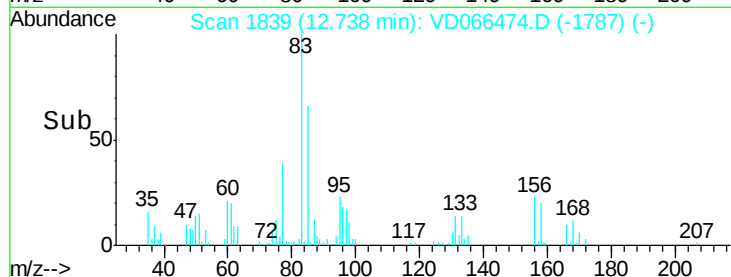
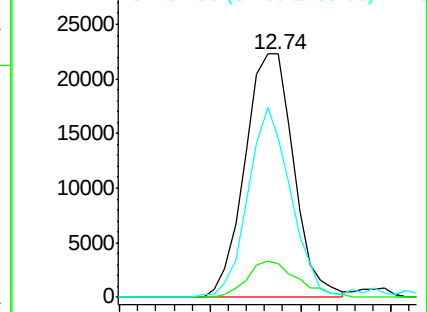
9/1/2020 12:38:46 PM



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 45.952 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066474.D

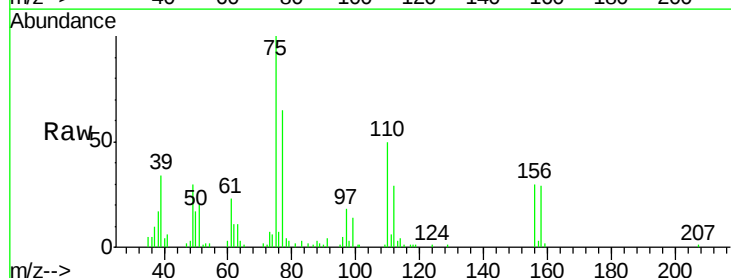
Acq: 31 Aug 2020 10:35

Tgt Ion: 75 Resp: 33519

Ion Ratio Lower Upper

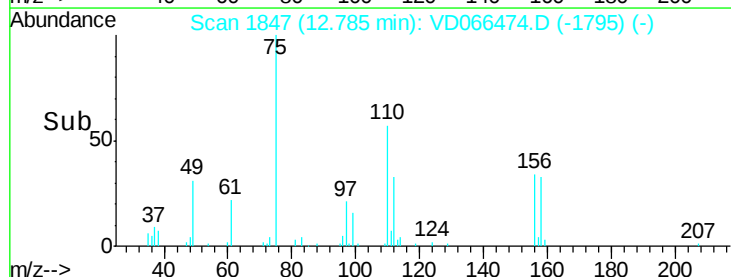
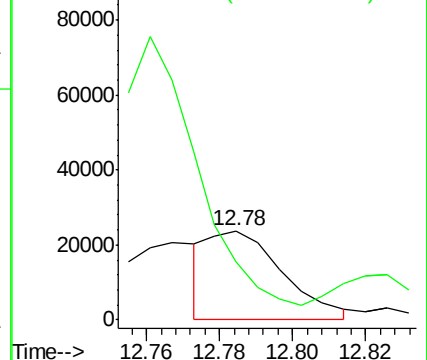
75 100

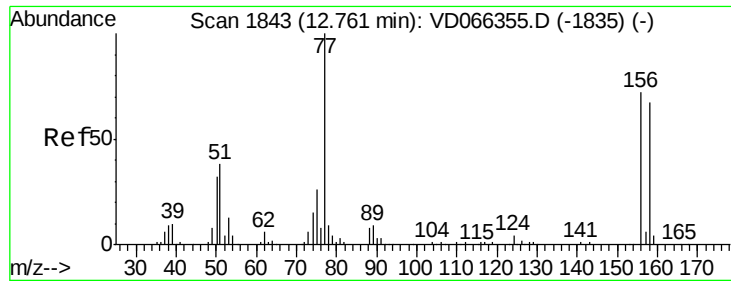
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.628 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

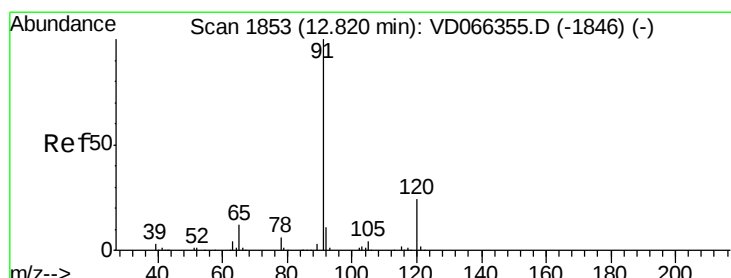
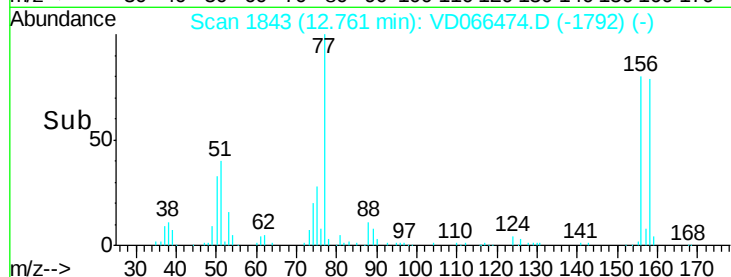
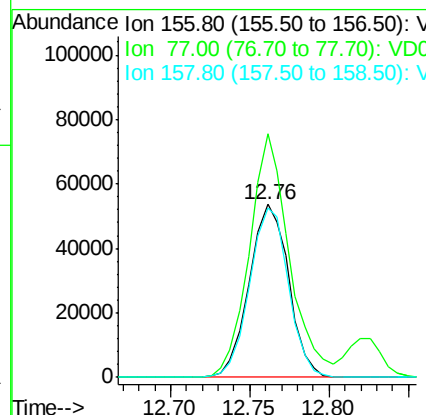
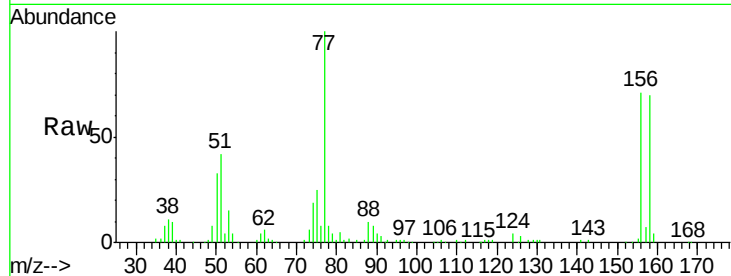
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	142.4	76.1	228.3	
158	96.6	47.6	142.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 51.321 ug/l

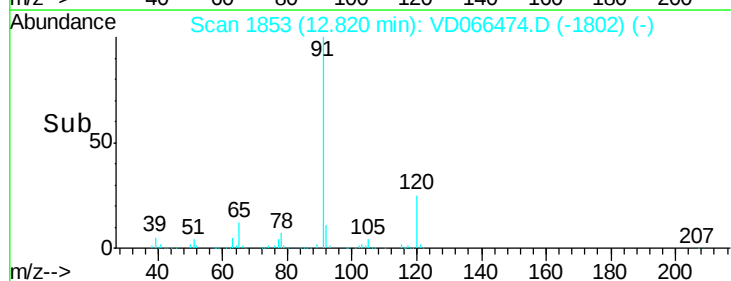
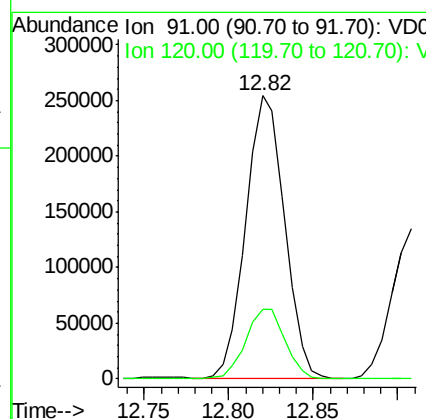
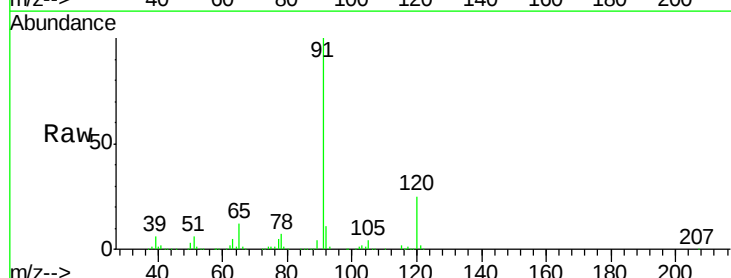
RT: 12.82 min Scan# 1853

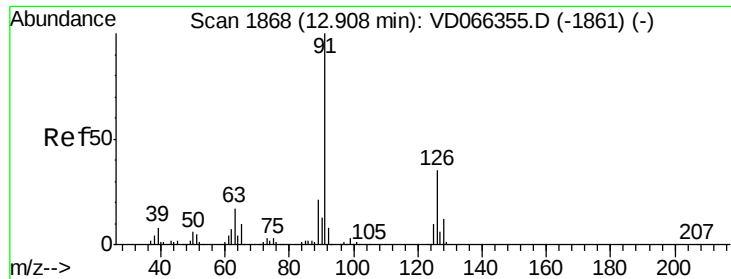
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.0	12.0	36.0	





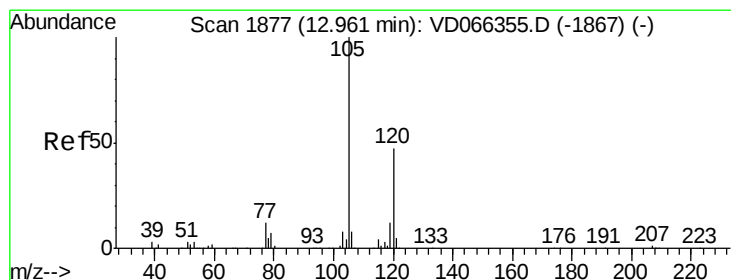
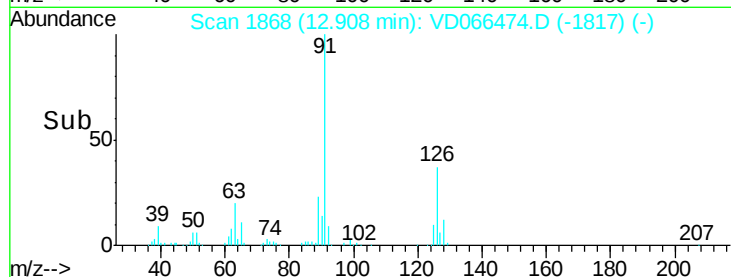
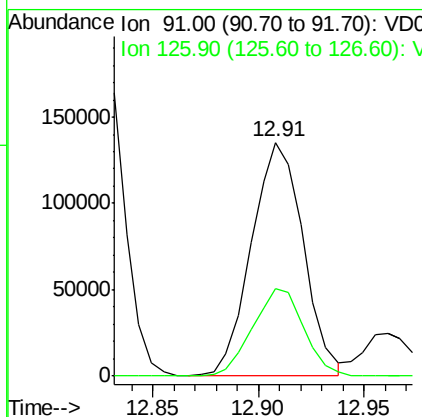
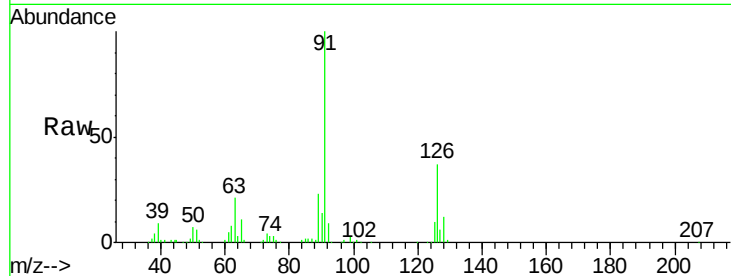
#79
 2-Chlorotoluene
 Concen: 50.641 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.7	53.1

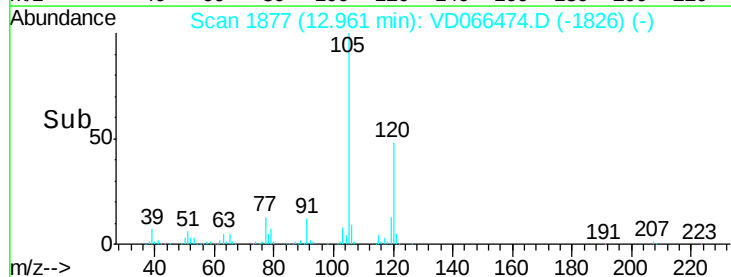
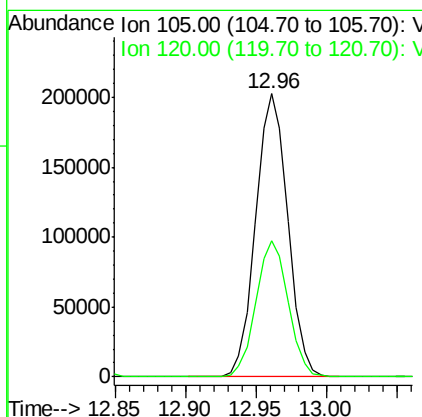
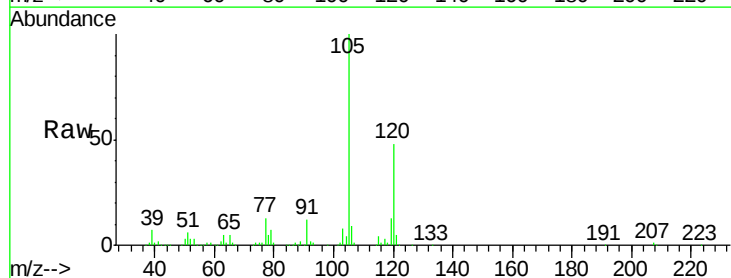
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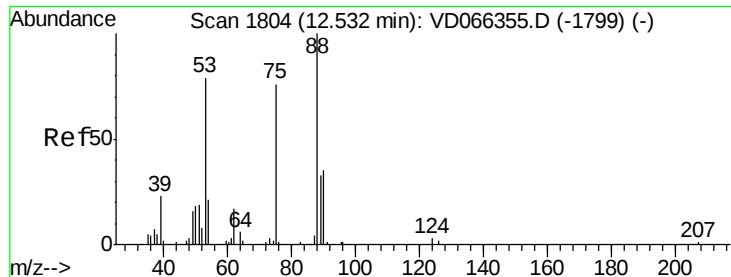
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.178 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 43.589 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

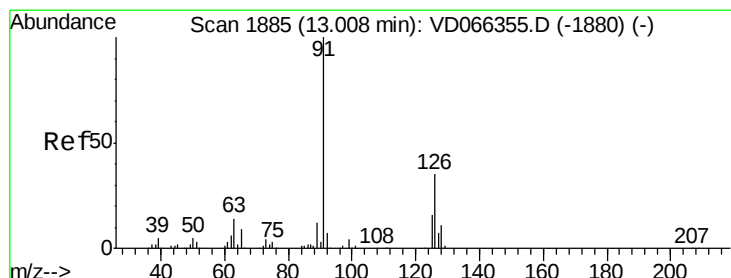
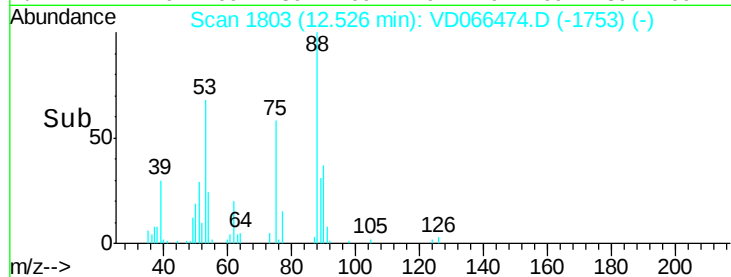
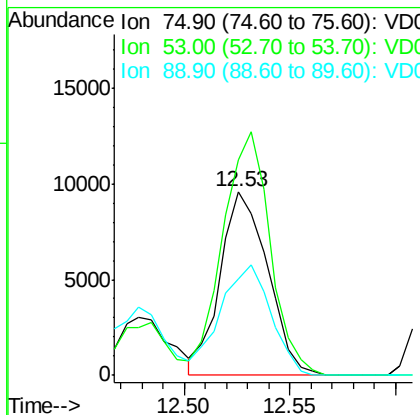
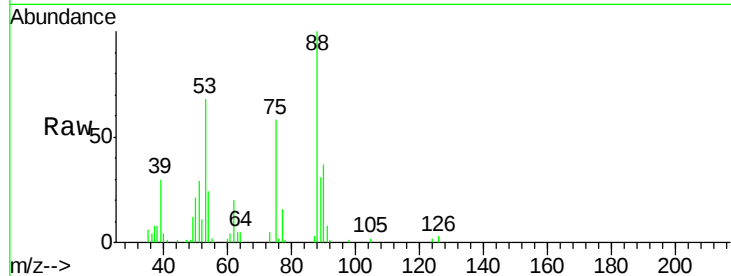
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	131.8	87.4	131.2#
89	64.2	39.4	59.0#

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#82

4-Chlorotoluene

Concen: 51.780 ug/l

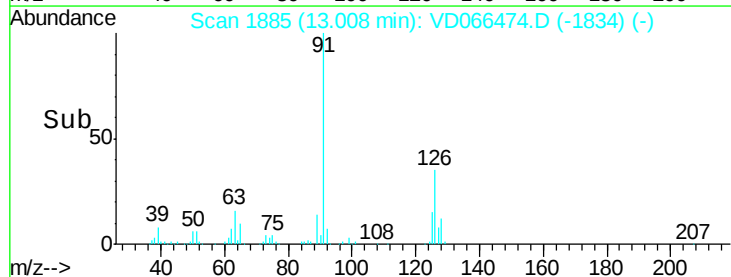
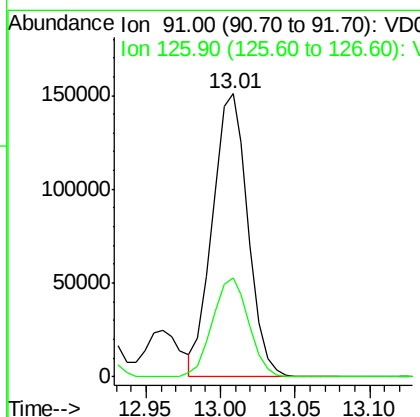
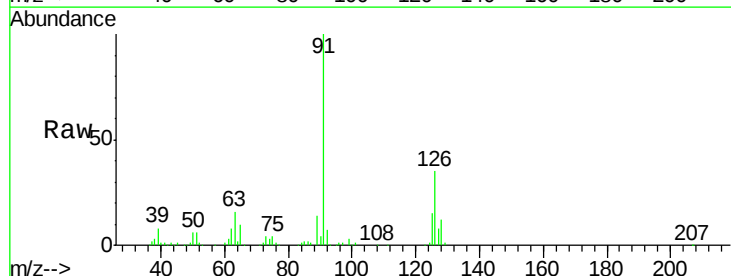
RT: 13.01 min Scan# 1885

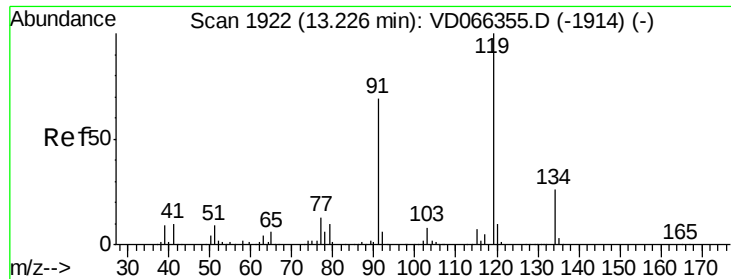
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.4	52.2





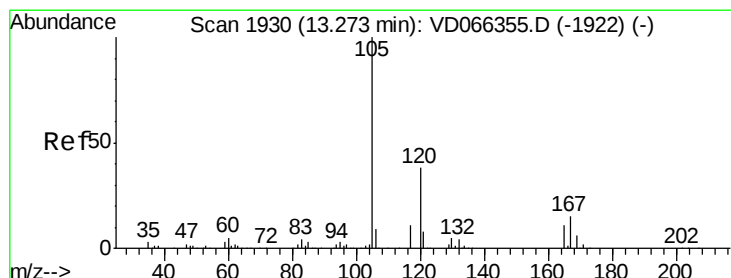
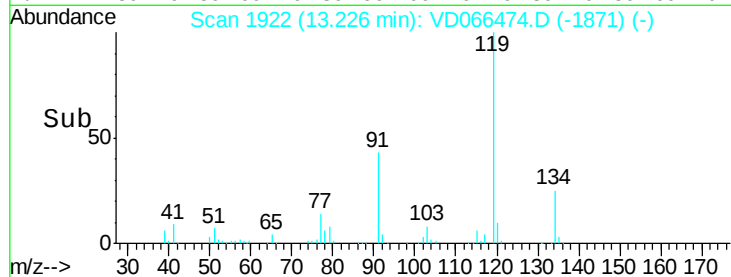
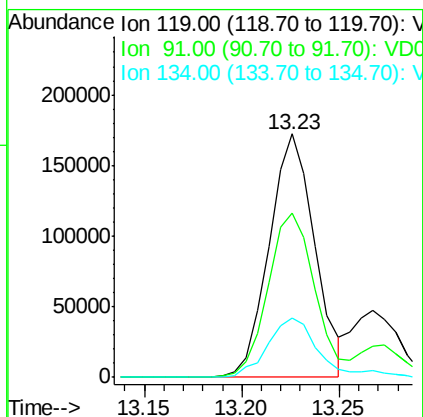
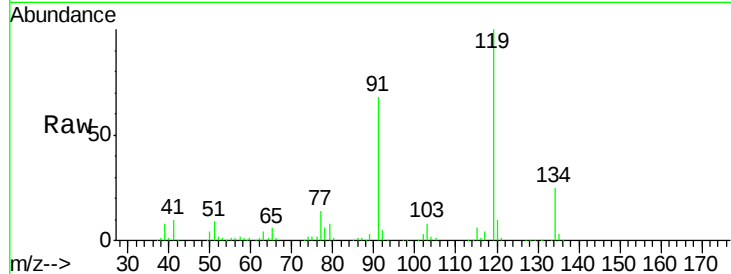
#83
tert-Butylbenzene
Concen: 53.339 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	277847		
91	70.2	33.5	100.5	
134	25.8	13.5	40.4	

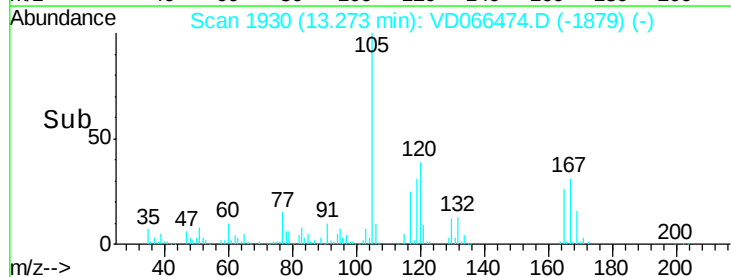
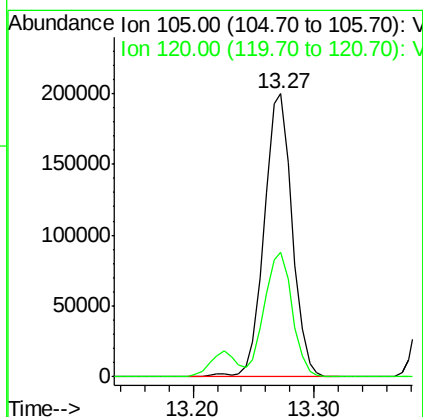
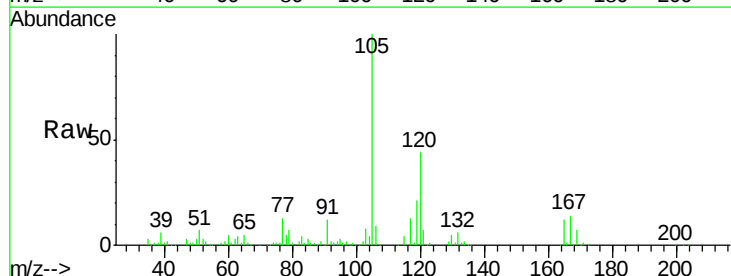
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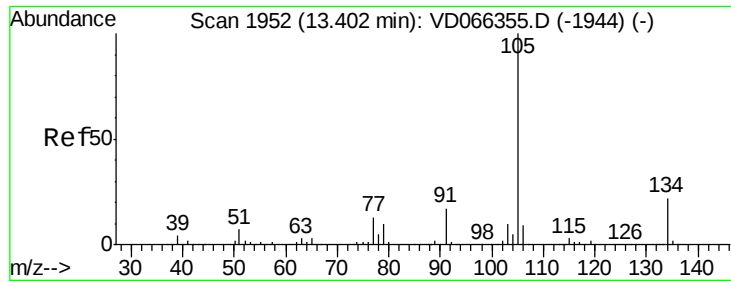
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#84
1,2,4-Trimethylbenzene
Concen: 54.579 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	321493		
120	43.9	22.6	67.7	





#85

sec-Butylbenzene

Concen: 52.996 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 361691

Ion Ratio Lower Upper

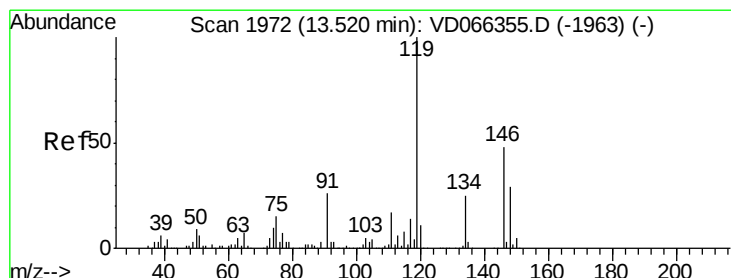
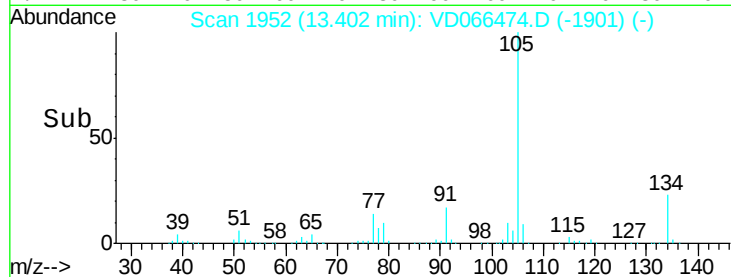
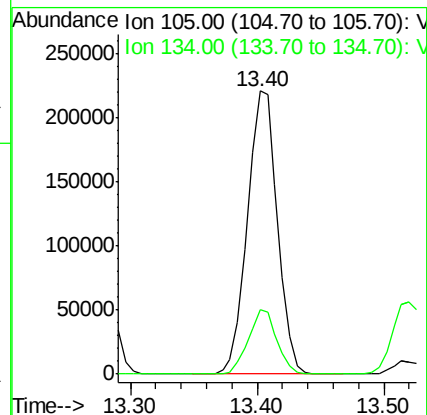
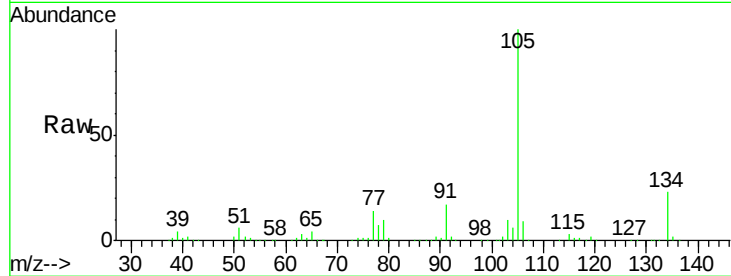
105 100

134 21.7 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 54.435 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

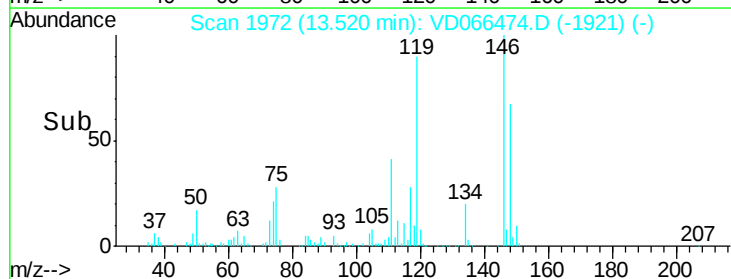
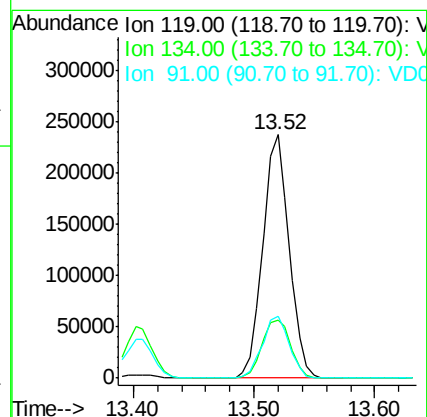
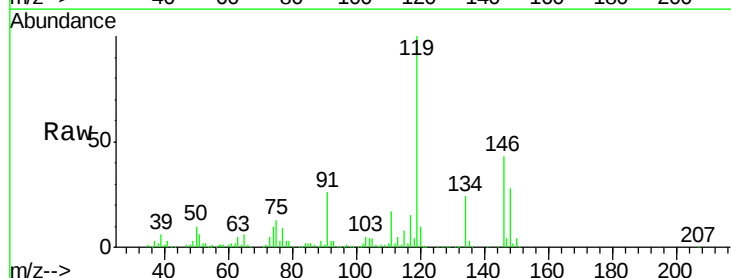
Tgt Ion:119 Resp: 358226

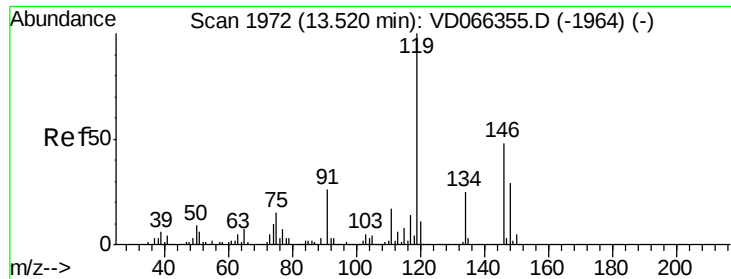
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.3

91 26.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 52.169 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

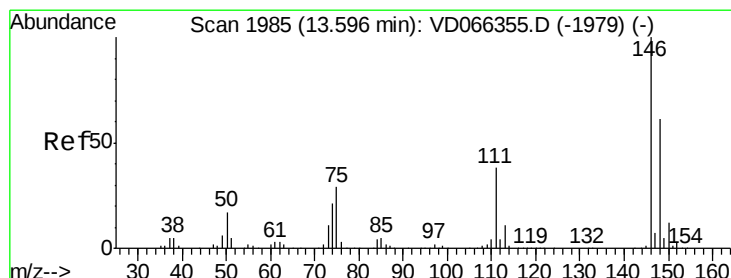
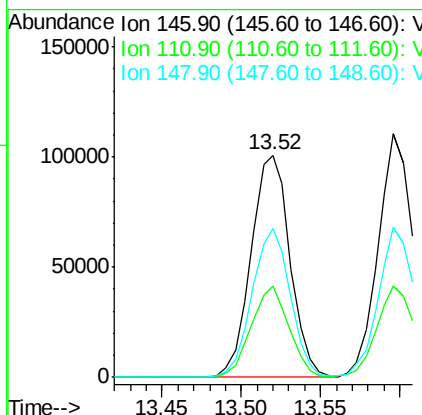
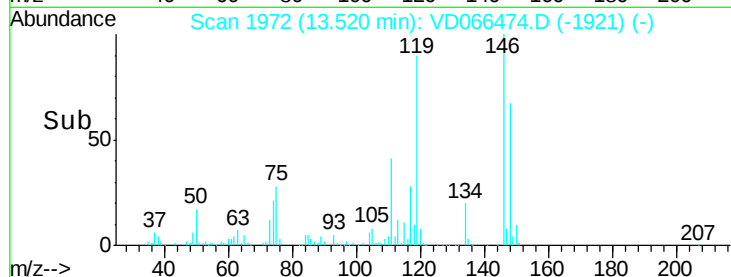
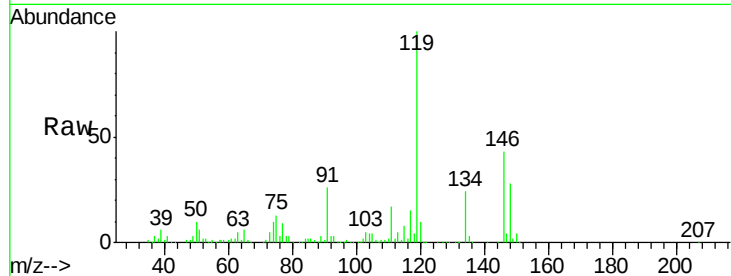
Instrument :
MSVOA_D

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	171680		
111	39.8	18.9	56.9	
148	65.9	31.8	95.3	

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#88

1,4-Dichlorobenzene

Concen: 52.062 ug/l

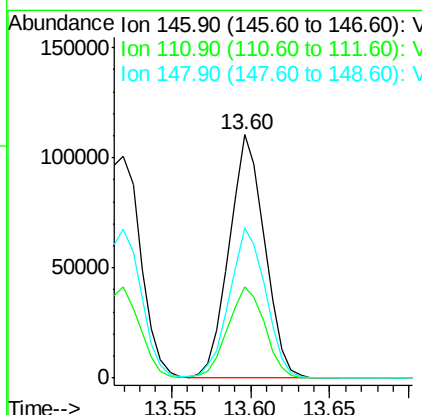
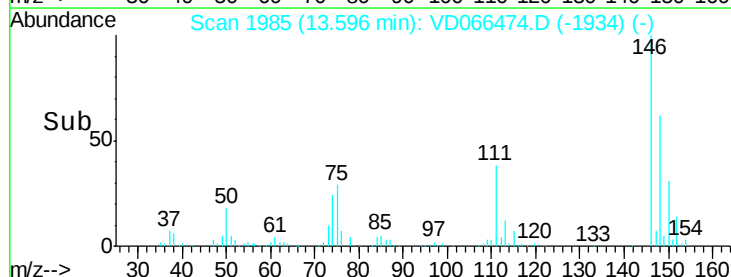
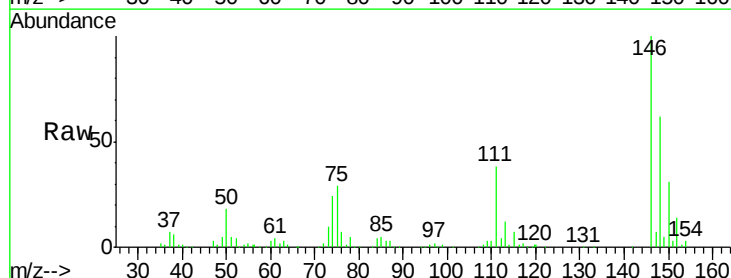
RT: 13.60 min Scan# 1985

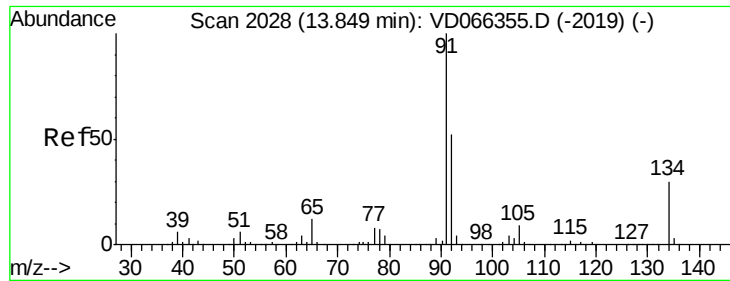
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172025		
111	39.1	19.1	57.5	
148	63.2	32.1	96.3	





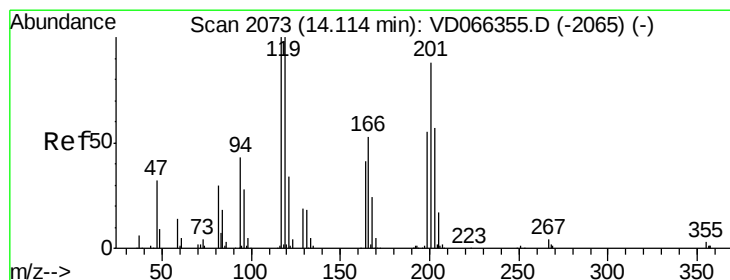
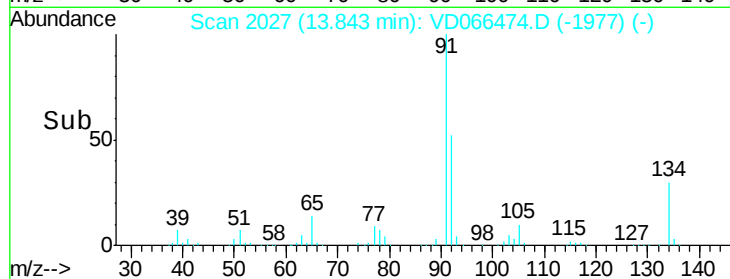
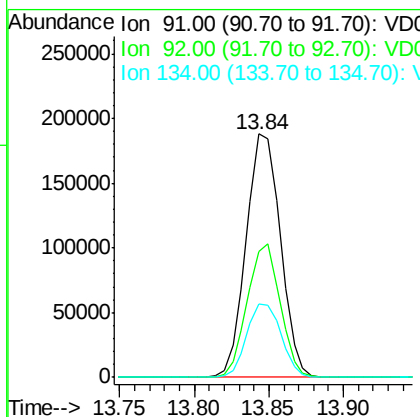
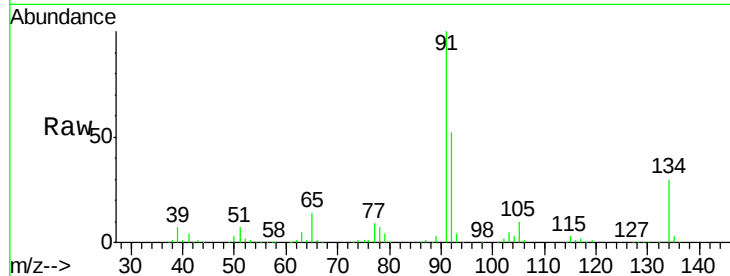
#89
n-Butylbenzene
Concen: 51.501 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299077		
92	52.6		26.4	79.0
134	30.2		14.4	43.4

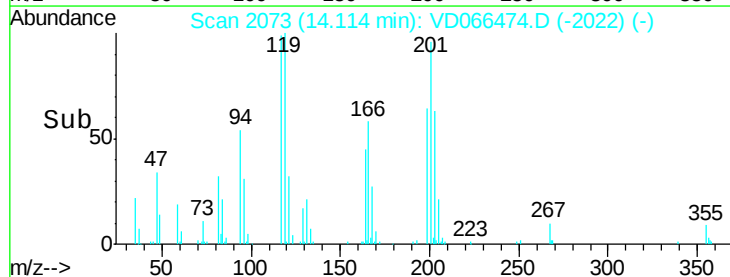
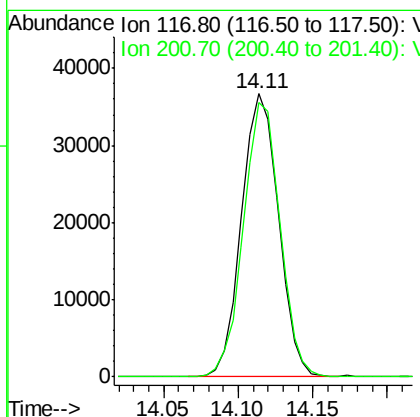
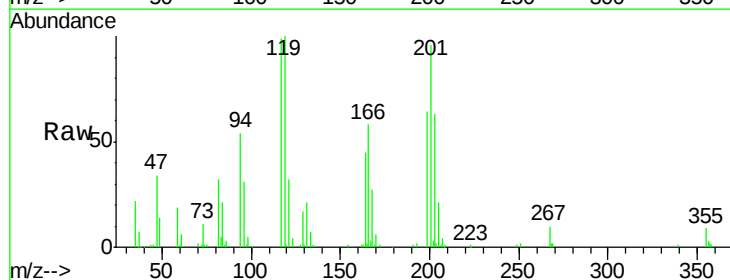
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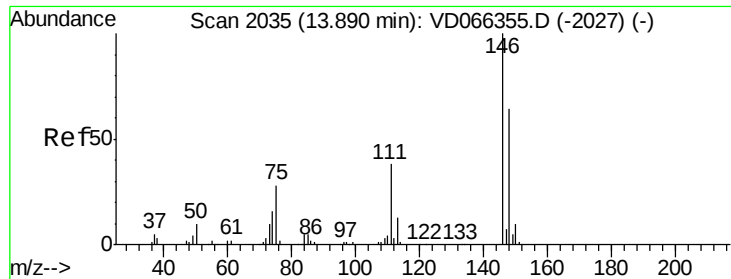
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#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63085		
201	95.8		45.4	136.2





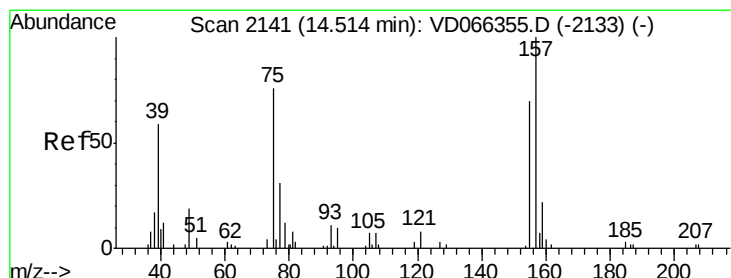
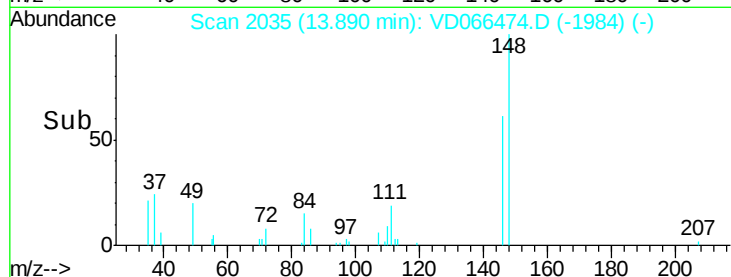
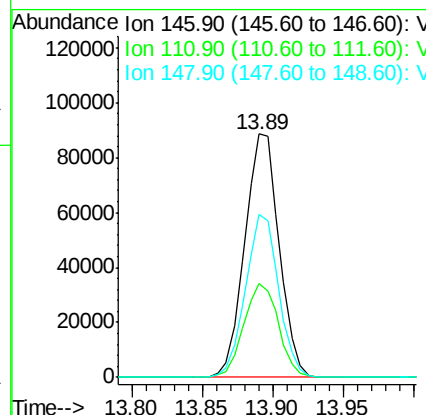
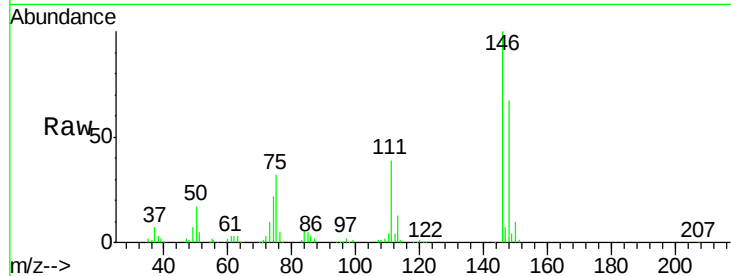
#91
 1,2-Dichlorobenzene
 Concen: 53.367 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	64.6	32.6	97.8

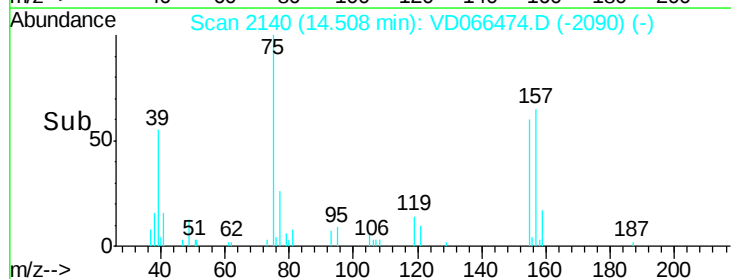
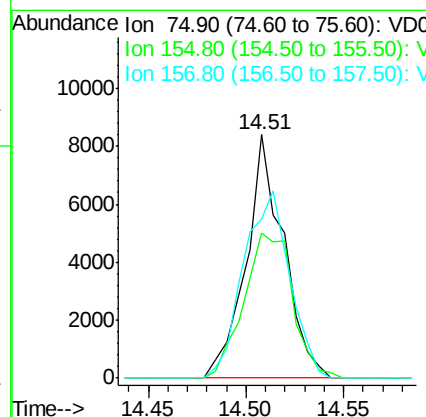
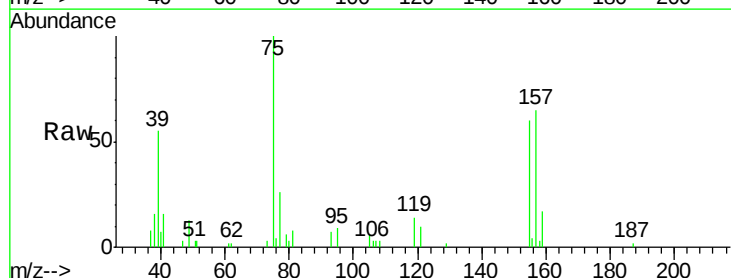
Manual Integrations
 APPROVED

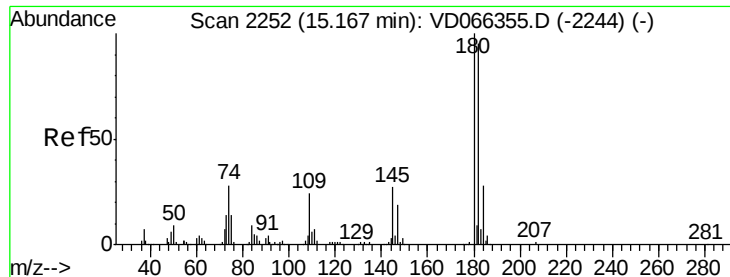
MMDadoda
 9/1/2020 12:38:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.722 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066474.D
 Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	46.9	140.6
157	94.5	61.0	183.0





#93

1,2,4-Trichlorobenzene

Concen: 53.898 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Instrument :

MSVOA_D

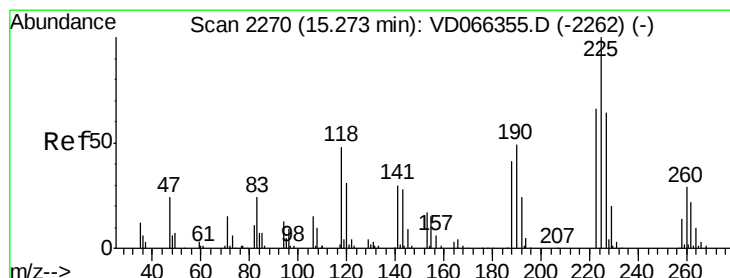
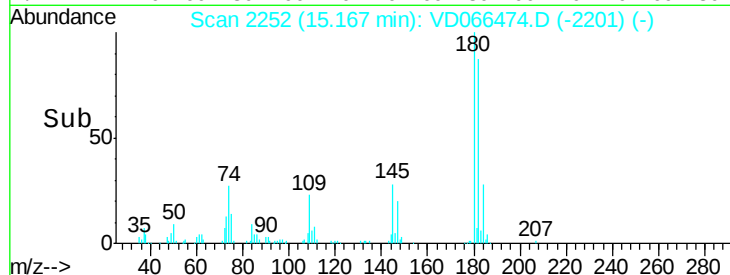
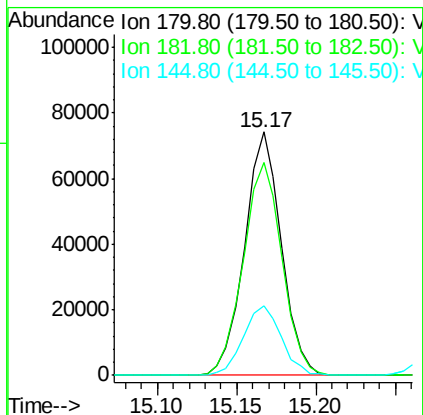
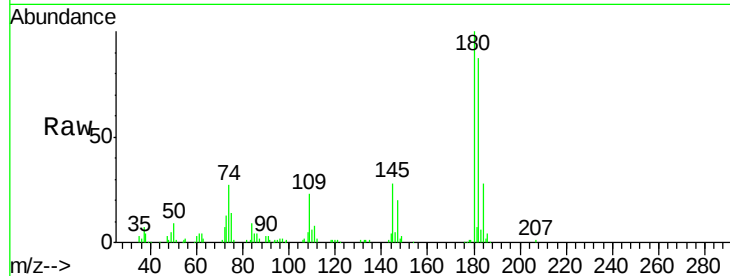
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	119205
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.0	144.0
145	29.7	15.2	45.6

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 55.996 ug/l

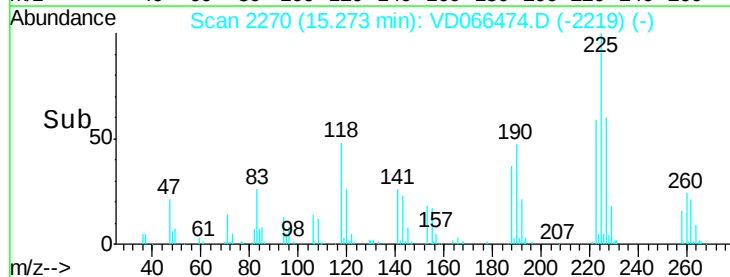
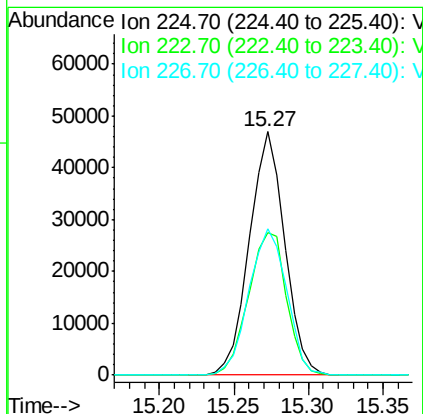
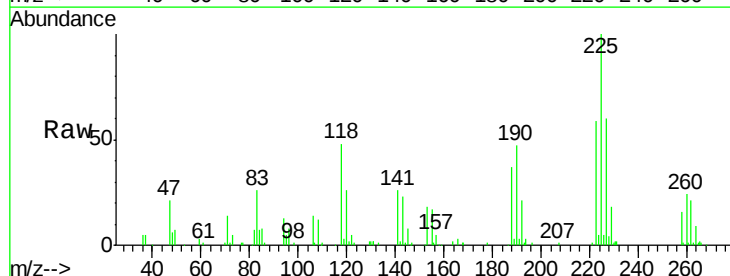
RT: 15.27 min Scan# 2270

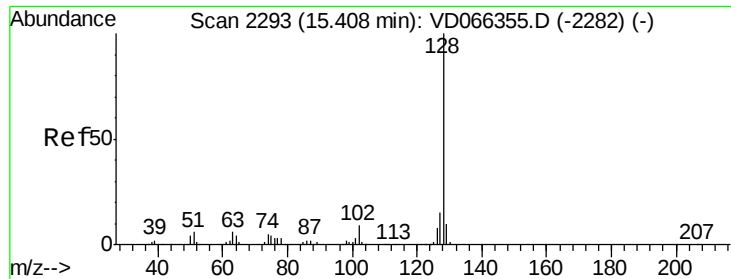
Delta R.T. -0.00 min

Lab File: VD066474.D

Acq: 31 Aug 2020 10:35

Tgt Ion:	225	Resp:	76962
Ion Ratio	Lower	Upper	
225	100		
223	63.0	32.5	97.4
227	64.1	33.0	98.9





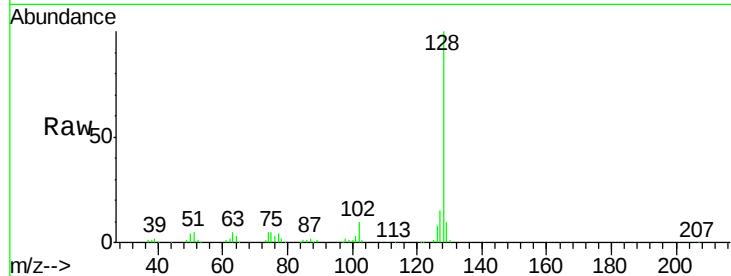
#95
Naphthalene
Concen: 52.152 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

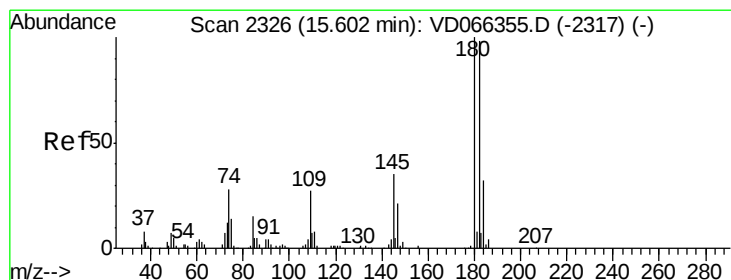
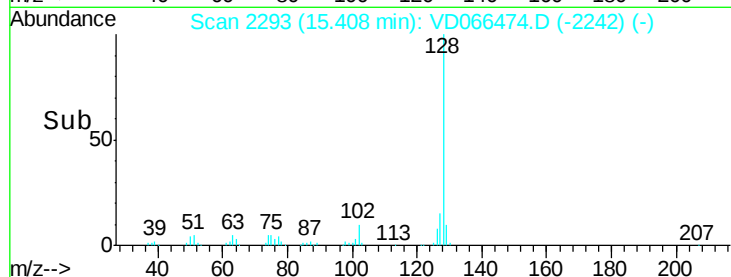
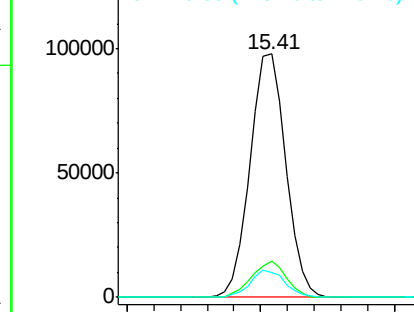
Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.7	16.1
129	10.9	8.6	12.8

Manual Integrations
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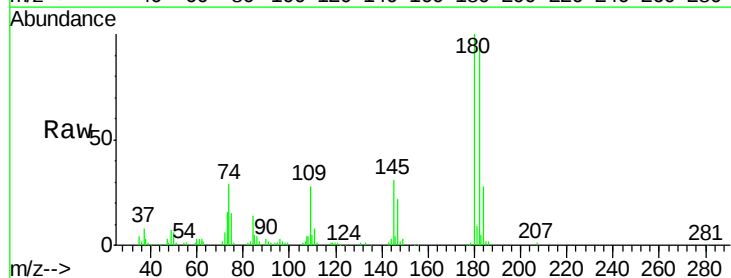


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.096 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066474.D
Acq: 31 Aug 2020 10:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.0
145	32.7	16.0	48.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

