

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066626.D
 Acq On : 10 Sep 2020 19:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:17:59 AM

Quant Time: Sep 11 03:04:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	322400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	537081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	507715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	225936	57.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.84%	
35) Dibromofluoromethane	7.91	113	206473	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
50) Toluene-d8	10.34	98	744214	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
62) 4-Bromofluorobenzene	12.63	95	251605	58.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	125853	47.039	ug/l	91
3) Chloromethane	2.21	50	191369	46.936	ug/l	96
4) Vinyl Chloride	2.35	62	202671	44.818	ug/l	99
5) Bromomethane	2.77	94	140839	49.190	ug/l	84
6) Chloroethane	2.92	64	126767	44.135	ug/l	99
7) Trichlorofluoromethane	3.27	101	312817	46.826	ug/l	94
8) Diethyl Ether	3.71	74	88208	52.436	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	169851	46.979	ug/l	98
10) Methyl Iodide	4.30	142	141751	43.548	ug/l	98
11) Tert butyl alcohol	5.21	59	62145	255.755	ug/l	100
12) 1,1-Dichloroethene	4.07	96	154997	47.718	ug/l	99
13) Acrolein	3.92	56	49167	308.267	ug/l	97
14) Allyl chloride	4.71	41	273763	51.426	ug/l	98
15) Acrylonitrile	5.42	53	207050	286.520	ug/l	100
16) Acetone	4.16	43	171010	238.267	ug/l	94
17) Carbon Disulfide	4.40	76	498790	46.711	ug/l	97
18) Methyl Acetate	4.71	43	93112	54.422	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	424764	55.764	ug/l	96
20) Methylene Chloride	4.97	84	220926	57.471	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	196295	50.890	ug/l	97
22) Diisopropyl ether	6.36	45	618812	56.527	ug/l	98
23) Vinyl Acetate	6.30	43	1801056	289.108	ug/l	98
24) 1,1-Dichloroethane	6.26	63	361294	52.482	ug/l	97
25) 2-Butanone	7.21	43	259016	268.838	ug/l	96
26) 2,2-Dichloropropane	7.20	77	298445	47.262	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	221998	53.520	ug/l	99
28) Bromochloromethane	7.54	49	154741	58.385	ug/l	99
29) Tetrahydrofuran	7.56	42	170450	284.066	ug/l	100
30) Chloroform	7.71	83	391450	53.748	ug/l	94
31) Cyclohexane	7.98	56	293148	46.066	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	342898	50.077	ug/l	98
36) 1,1-Dichloropropene	8.11	75	276367	49.445	ug/l	99
37) Ethyl Acetate	7.29	43	126092	56.653	ug/l	95
38) Carbon Tetrachloride	8.09	117	299118	50.630	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	310251	49.709	ug/l	97
40) Benzene	8.35	78	790741	51.655	ug/l	100
41) Methacrylonitrile	7.53	41	67364m	62.527	ug/l	
42) 1,2-Dichloroethane	8.42	62	259010	52.221	ug/l	100
43) Isopropyl Acetate	8.45	43	237856	55.766	ug/l	99
44) Trichloroethene	9.11	130	204383	50.899	ug/l	98
45) 1,2-Dichloropropane	9.38	63	206928	53.752	ug/l	92
46) Dibromomethane	9.47	93	114606	53.960	ug/l	97
47) Bromodichloromethane	9.66	83	306834	53.397	ug/l	97
48) Methyl methacrylate	9.45	41	124616	57.779	ug/l	97
49) 1,4-Dioxane	9.46	88	25139	1078.877	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	630228	292.981	ug/l	97
52) Toluene	10.40	92	518016	53.458	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	276752	54.557	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	326693	53.629	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	154187	56.461	ug/l	96
56) Ethyl methacrylate	10.66	69	188258	59.208	ug/l	99
57) 1,3-Dichloropropane	10.94	76	264568	55.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	411977	283.274	ug/l	100
59) 2-Hexanone	10.98	43	421949	291.690	ug/l	100
60) Dibromochloromethane	11.14	129	201713	55.858	ug/l	97
61) 1,2-Dibromoethane	11.24	107	149184	56.152	ug/l	99
64) Tetrachloroethene	10.87	164	161036	47.108	ug/l	97
65) Chlorobenzene	11.67	112	536341	51.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	203783	50.955	ug/l	98
67) Ethyl Benzene	11.74	91	994534	51.688	ug/l	99
68) m/p-Xylenes	11.86	106	753495	105.468	ug/l	98
69) o-Xylene	12.18	106	342623	53.512	ug/l	99
70) Styrene	12.20	104	605549	54.401	ug/l	99
71) Bromoform	12.36	173	105750	52.468	ug/l #	99
73) Isopropylbenzene	12.48	105	926844	51.943	ug/l	100
74) N-amyl acetate	12.29	43	219587	54.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	166099	52.690	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	113527m	48.980	ug/l	
77) Bromobenzene	12.76	156	210527	52.921	ug/l	99
78) n-propylbenzene	12.82	91	1118013	51.686	ug/l	99
79) 2-Chlorotoluene	12.91	91	630142	51.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	781398	52.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51175	51.547	ug/l	94
82) 4-Chlorotoluene	13.01	91	662570	51.059	ug/l	99
83) tert-Butylbenzene	13.23	119	643641	52.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	786467	52.597	ug/l	99
85) sec-Butylbenzene	13.40	105	912256	51.629	ug/l	100
86) p-Isopropyltoluene	13.52	119	837624	52.668	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	405896	51.395	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	393800	49.680	ug/l	99
89) n-Butylbenzene	13.84	91	794954	51.295	ug/l	99
90) Hexachloroethane	14.11	117	169512	49.468	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	353314	51.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26542	49.565	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	212447	51.281	ug/l	99
94) Hexachlorobutadiene	15.27	225	122557	49.242	ug/l	98
95) Naphthalene	15.41	128	421329	58.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	195306	55.296	ug/l	99

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

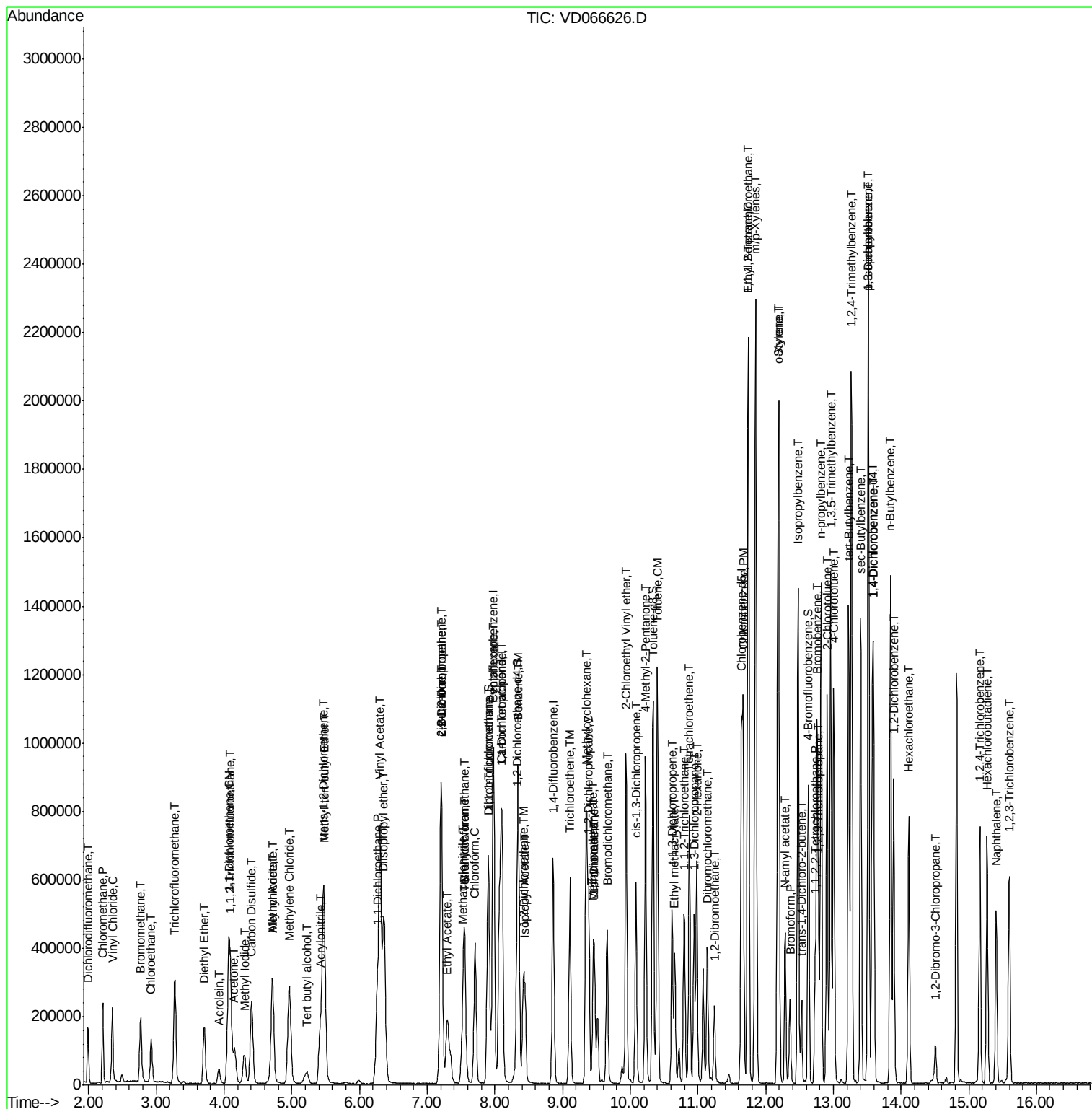
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 Data File : VD066626.D
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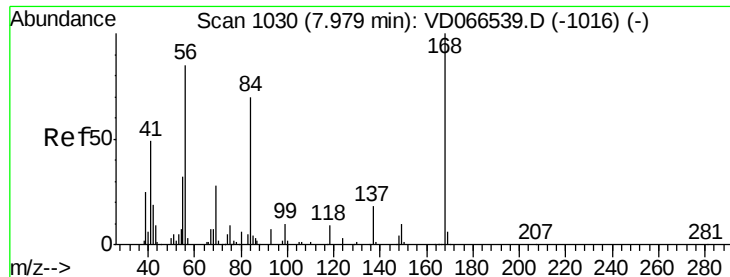
Instrument :
 MSVOA_D
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 322400

Ion Ratio Lower Upper

168 100

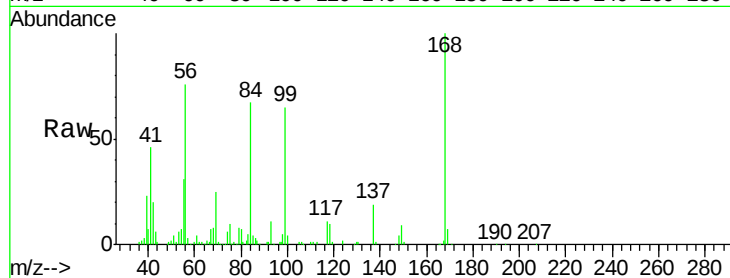
99 64.7 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

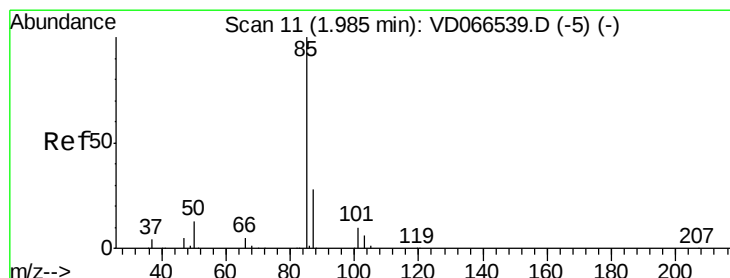
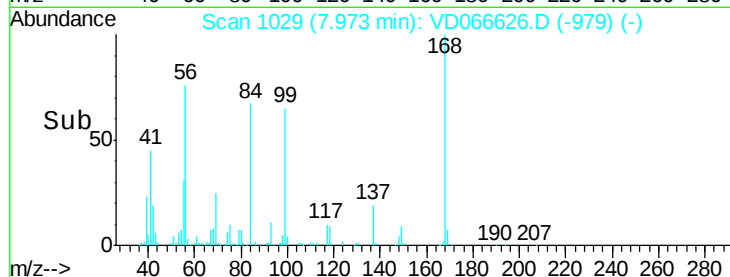
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 47.039 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066626.D

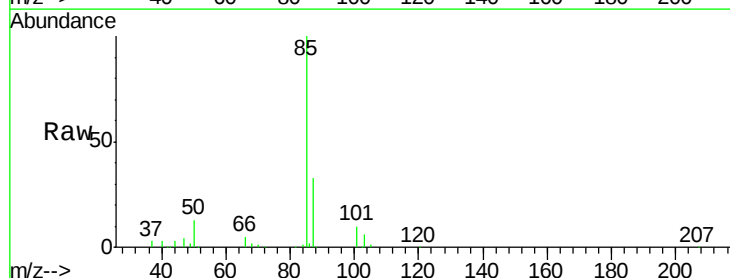
Acq: 10 Sep 2020 19:50

Tgt Ion: 85 Resp: 125853

Ion Ratio Lower Upper

85 100

87 33.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

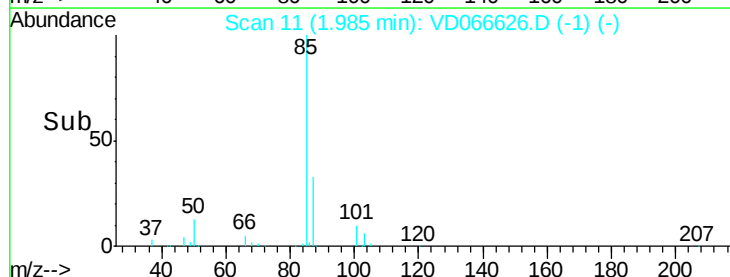
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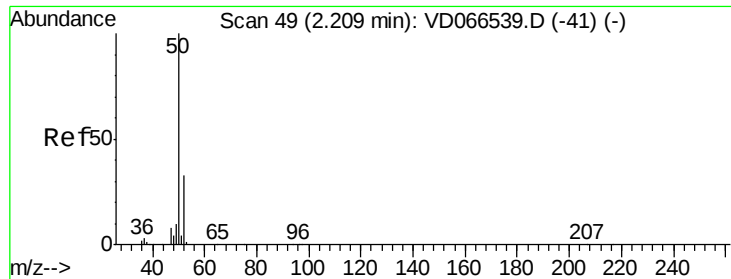
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 46.936 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 191369

Ion Ratio Lower Upper

50 100

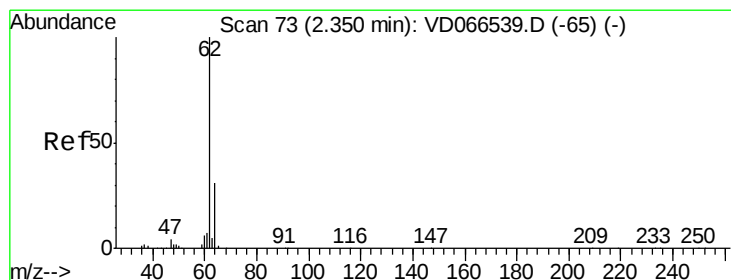
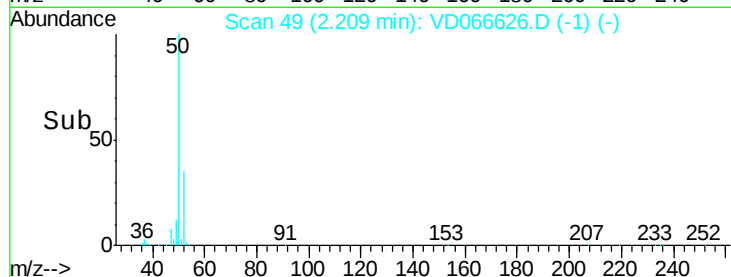
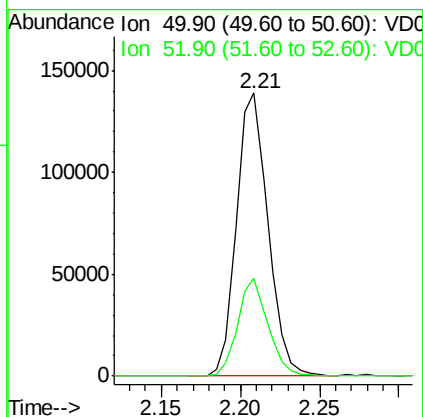
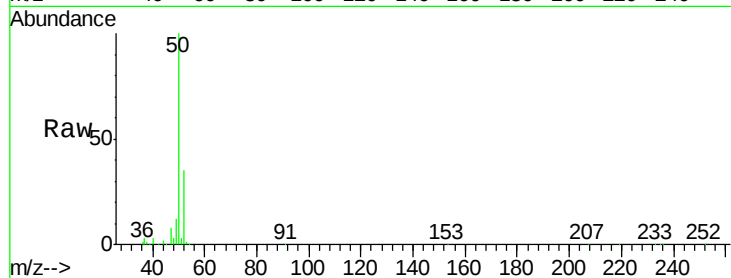
52 34.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.818 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066626.D

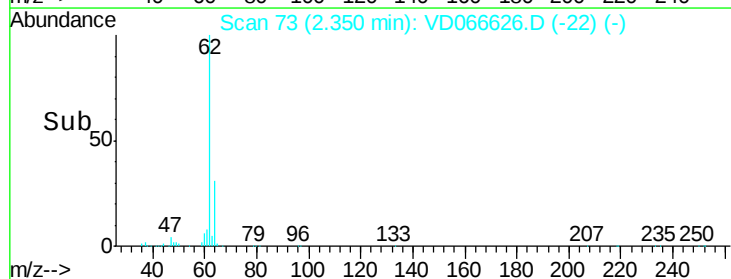
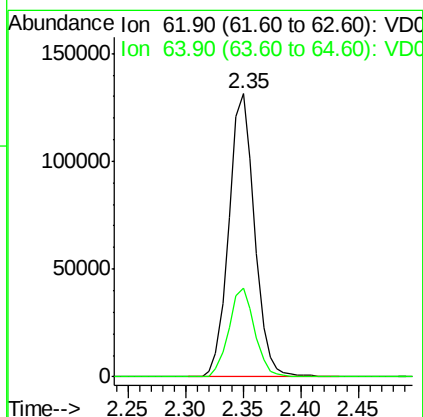
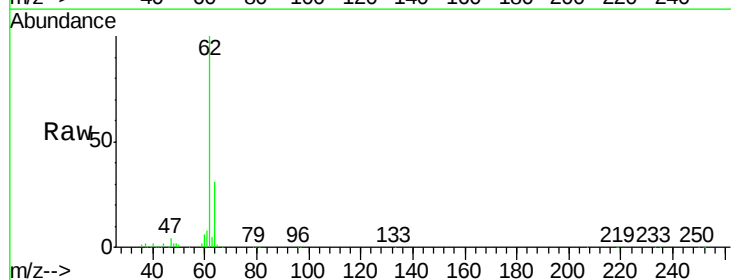
Acq: 10 Sep 2020 19:50

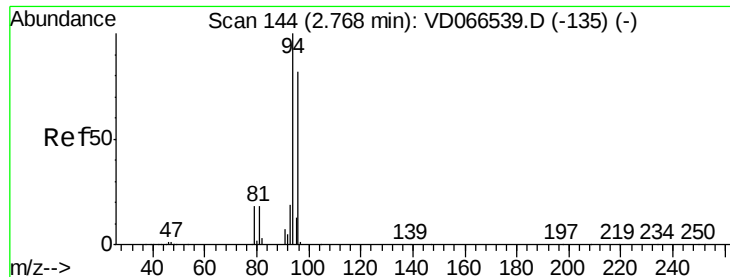
Tgt Ion: 62 Resp: 202671

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 49.190 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 140839

Ion Ratio Lower Upper

94 100

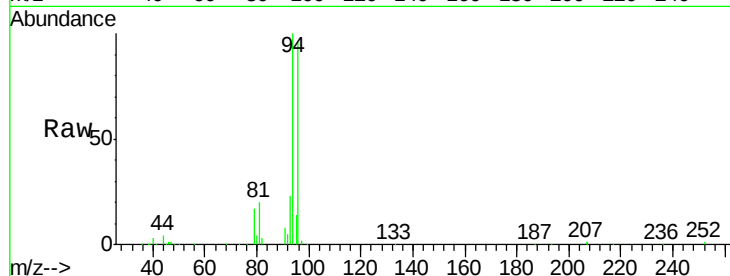
96 95.4 65.2 97.8

Manual Integrations

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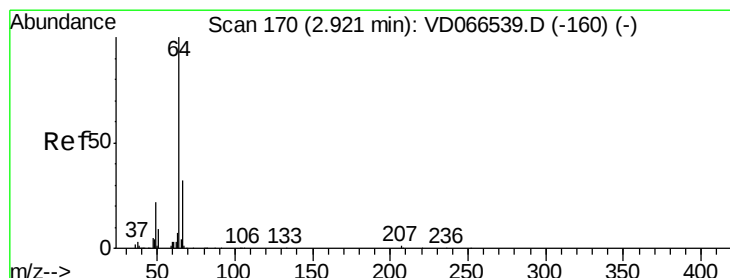
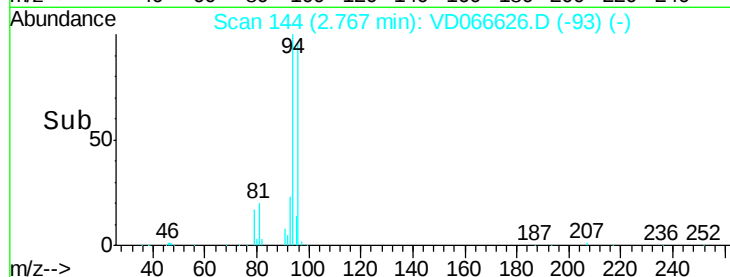
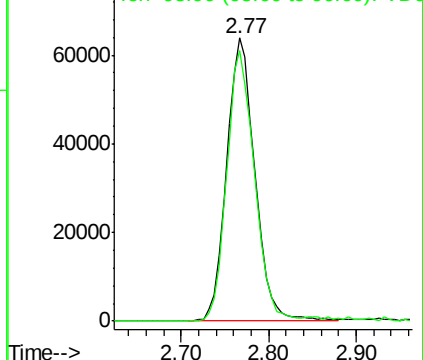
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.135 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066626.D

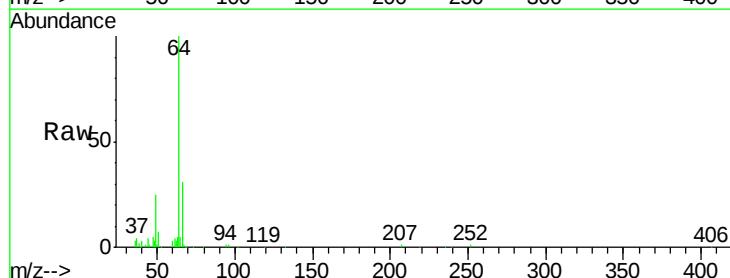
Acq: 10 Sep 2020 19:50

Tgt Ion: 64 Resp: 126767

Ion Ratio Lower Upper

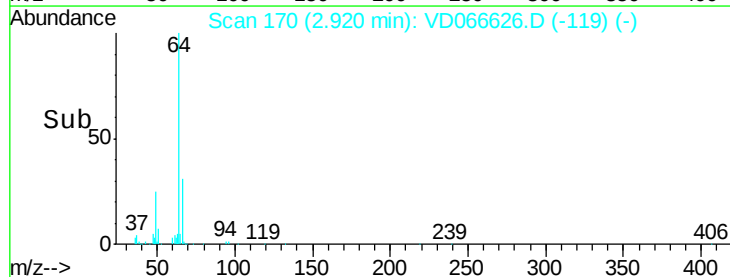
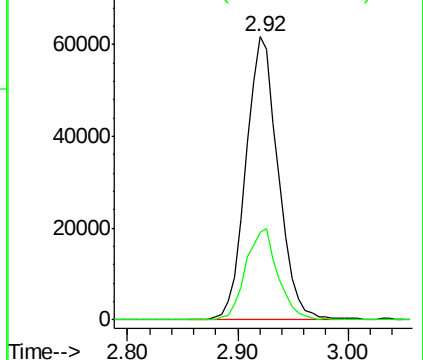
64 100

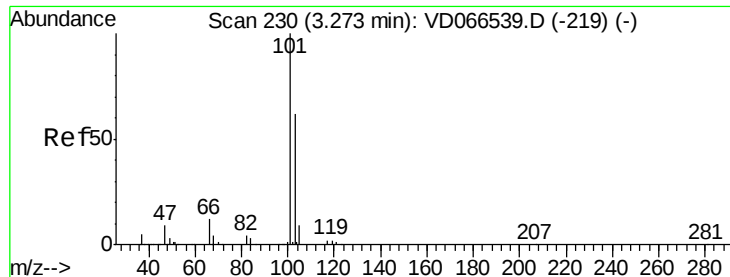
66 31.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

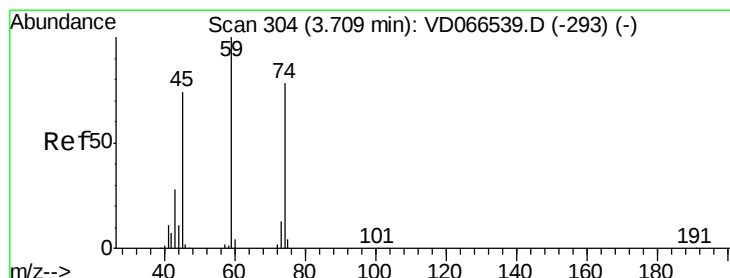
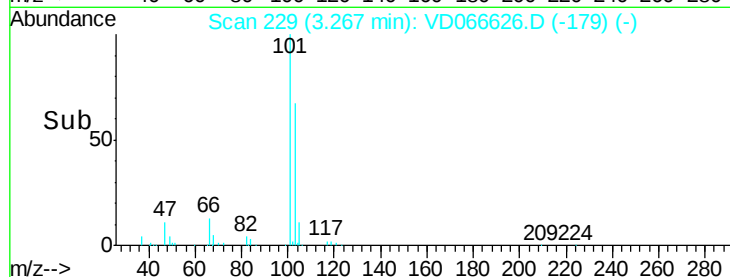
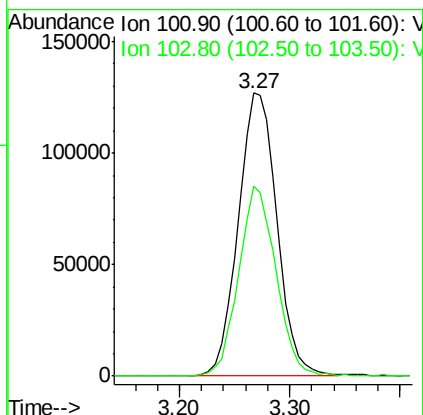
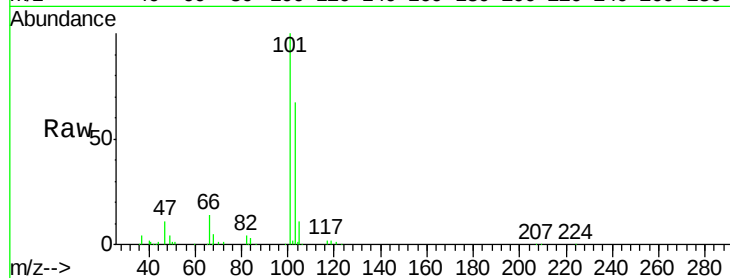
Trichlorofluoromethane
 Concen: 46.826 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	49.7	74.5

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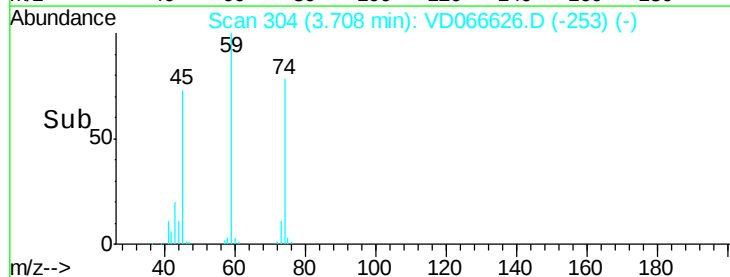
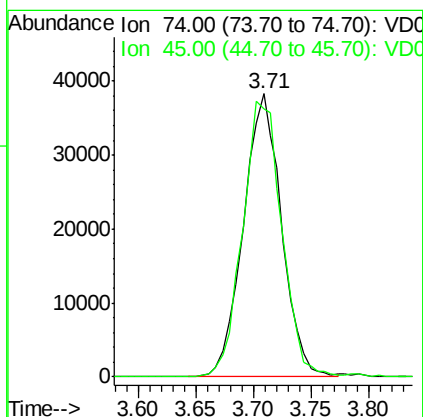
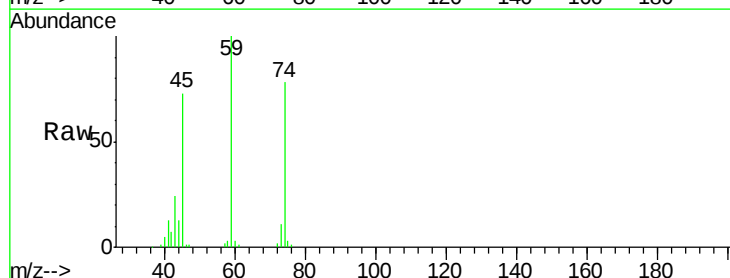
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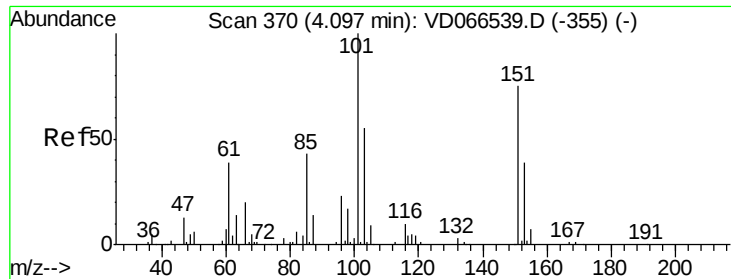


#8

Diethyl Ether
 Concen: 52.436 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.979 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

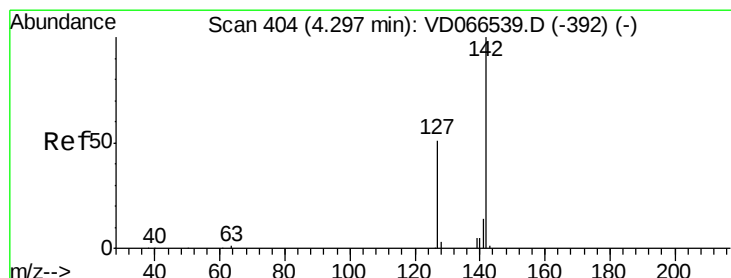
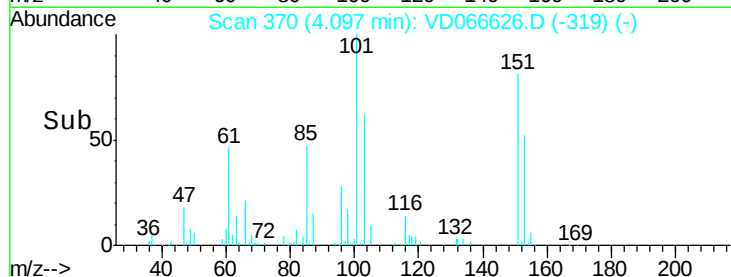
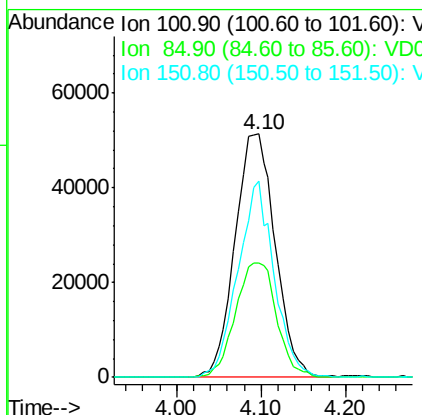
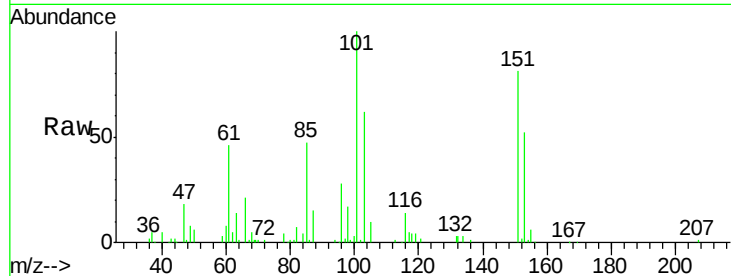
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	169851
Ion Ratio	Lower	Upper	
101	100		
85	47.9	37.0	55.6
151	72.4	59.4	89.2

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#10

Methyl Iodide

Concen: 43.548 ug/l

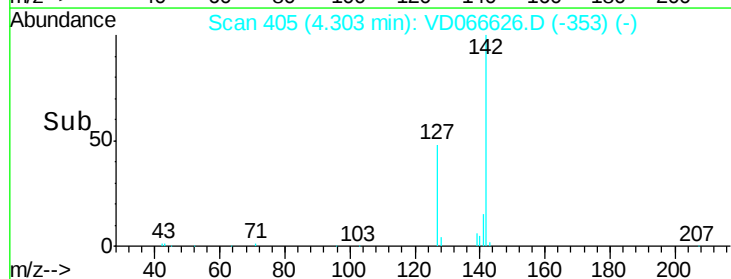
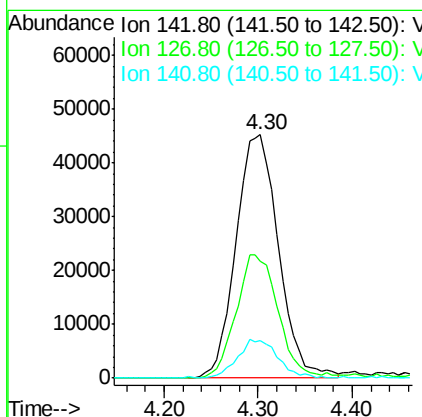
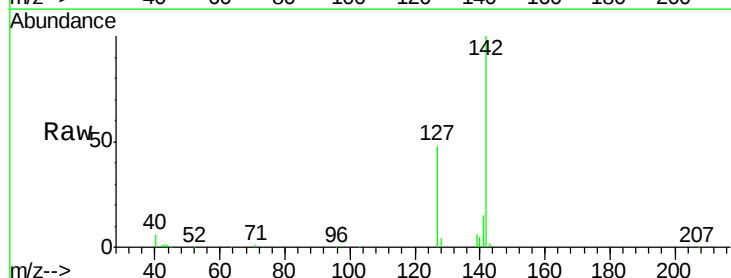
RT: 4.30 min Scan# 405

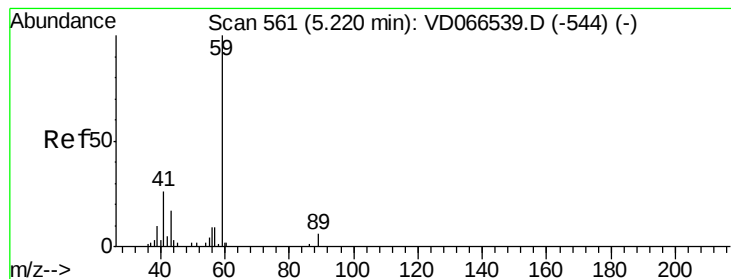
Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:	142	Resp:	141751
Ion Ratio	Lower	Upper	
142	100		
127	49.5	40.6	61.0
141	15.1	12.2	18.4





#11

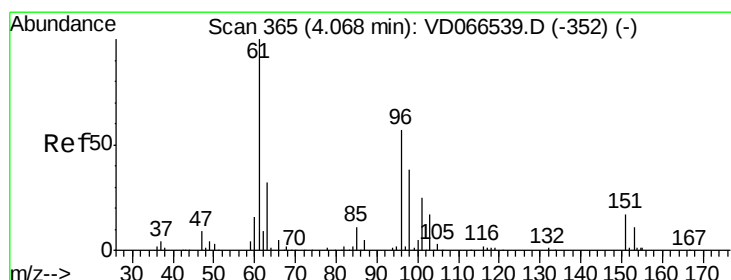
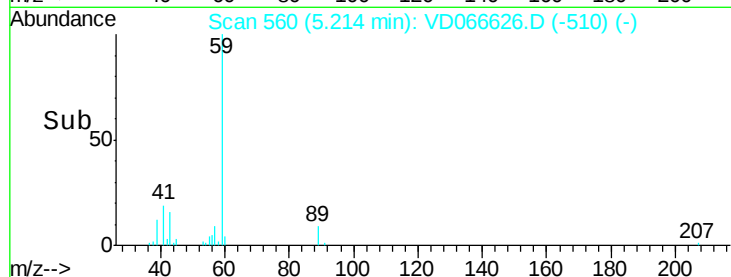
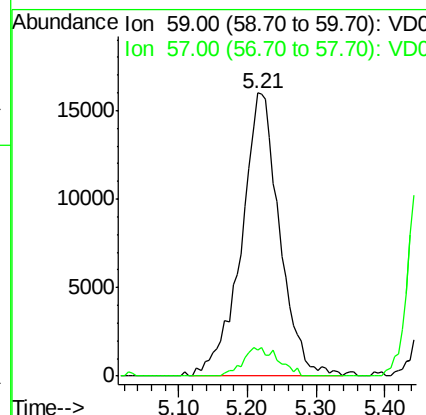
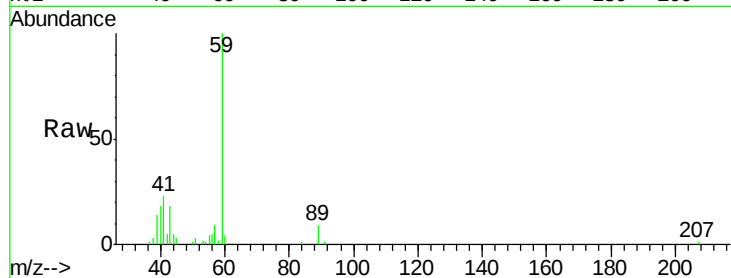
Tert butyl alcohol
Concen: 255.755 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.6	11.4

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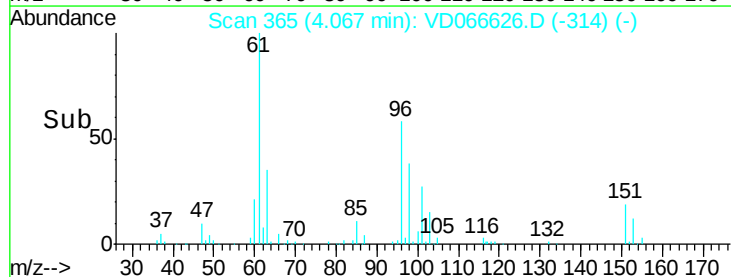
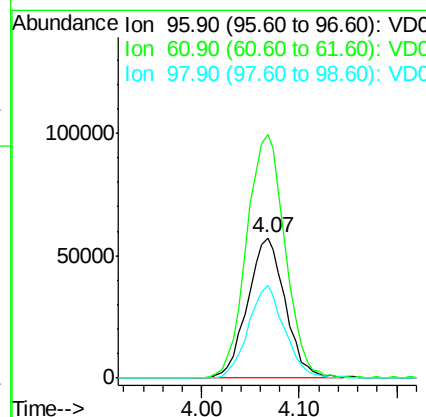
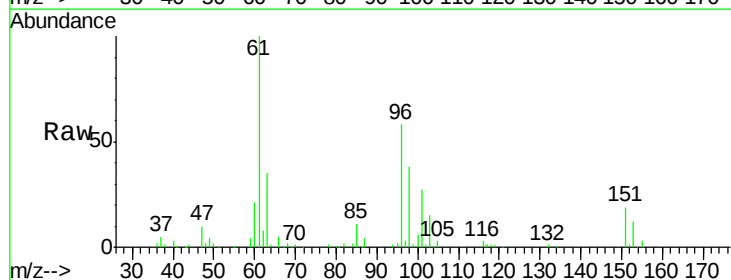
MMDadoda
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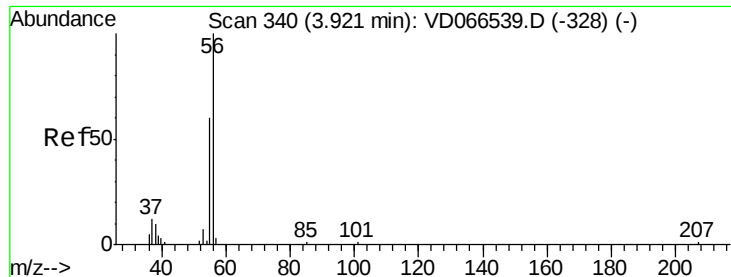


#12

1,1-Dichloroethene
Concen: 47.718 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.7	140.9	211.3
98	66.5	53.2	79.8





#13

Acrolein

Concen: 308.267 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 49167

Ion Ratio Lower Upper

56 100

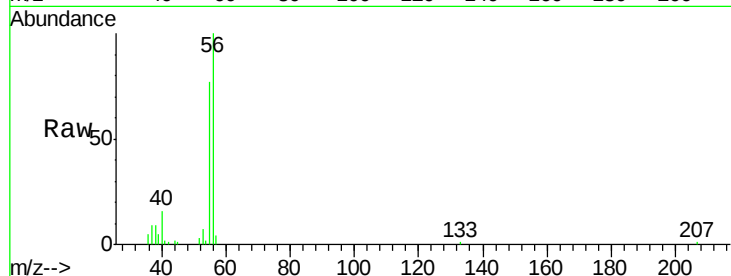
55 69.7 53.6 80.4

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

3.92

20000

15000

10000

5000

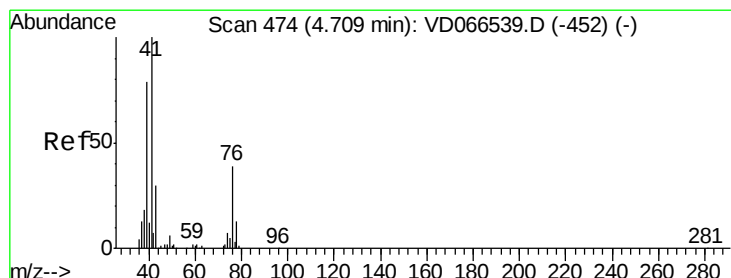
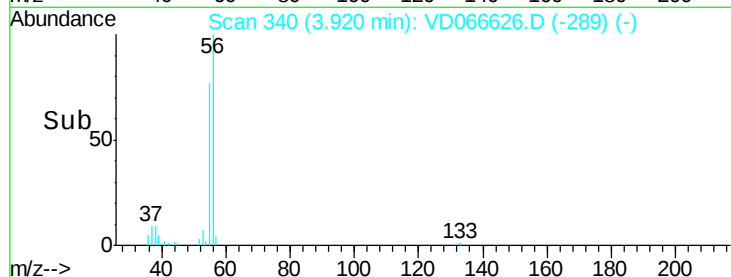
0

Time-->

3.80

3.90

4.00



#14

Allyl chloride

Concen: 51.426 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

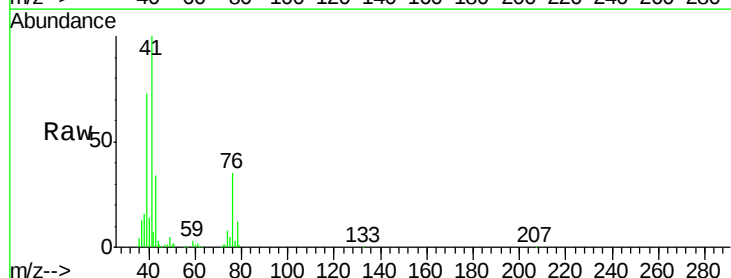
Tgt Ion: 41 Resp: 273763

Ion Ratio Lower Upper

41 100

39 75.4 61.9 92.9

76 36.1 29.0 43.6



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

120000

100000

80000

60000

40000

20000

0

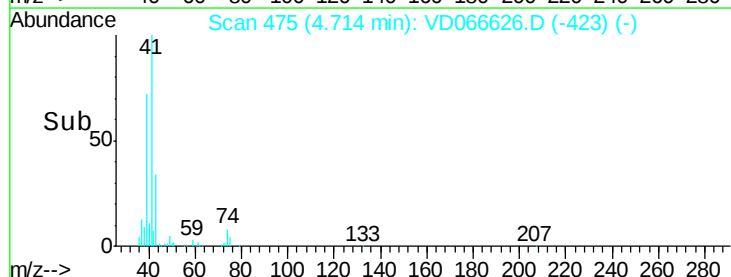
Time-->

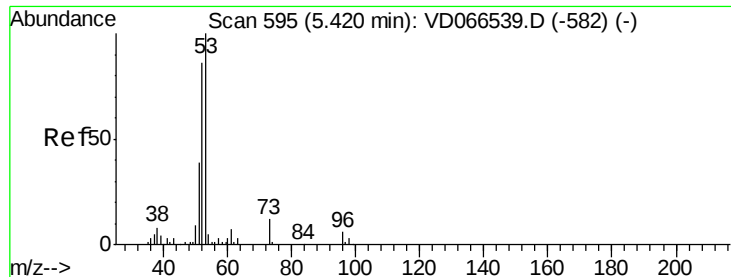
4.50

4.60

4.70

4.80





#15

Acrylonitrile

Concen: 286.520 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

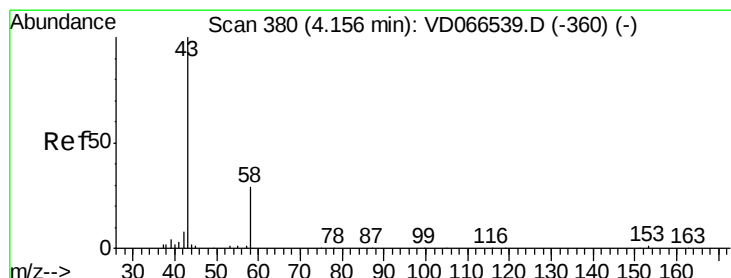
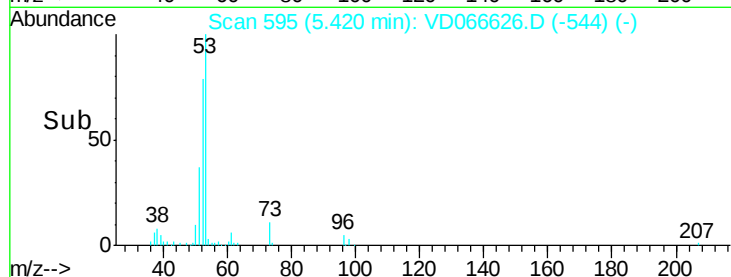
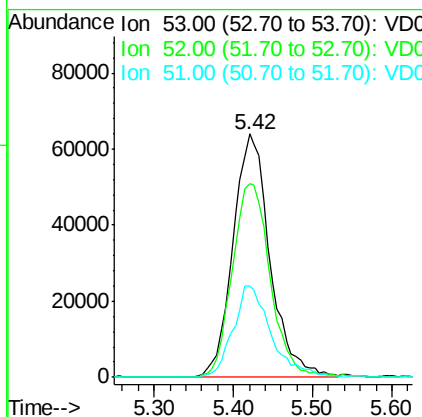
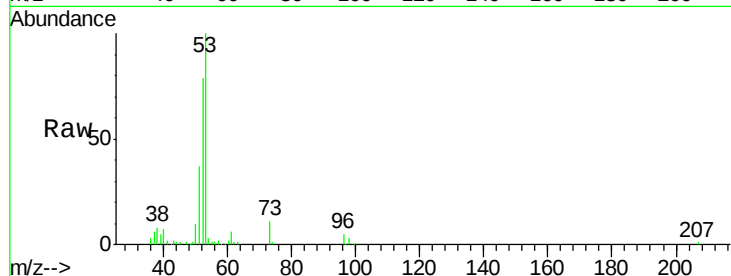
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	207050
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.4	98.2
51	38.7	31.2	46.8

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#16

Acetone

Concen: 238.267 ug/l

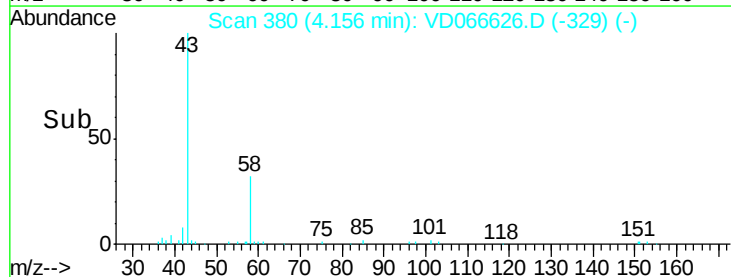
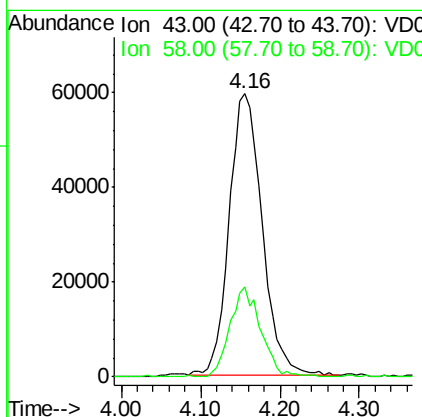
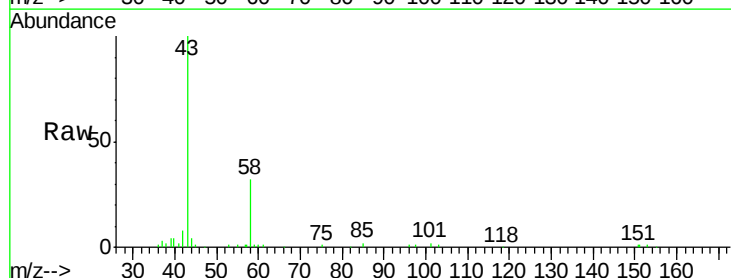
RT: 4.16 min Scan# 380

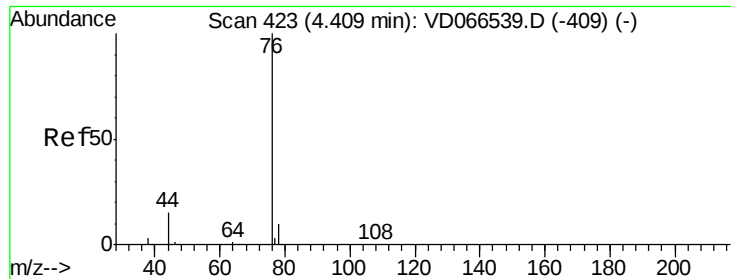
Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:	43	Resp:	171010
Ion Ratio	Lower	Upper	
43	100		
58	31.6	22.9	34.3





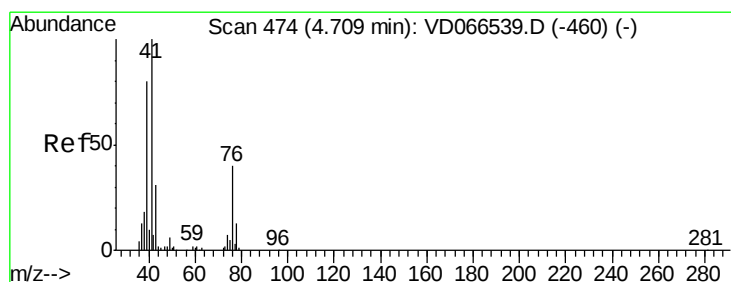
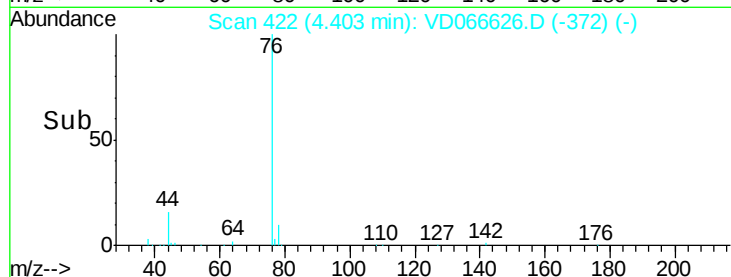
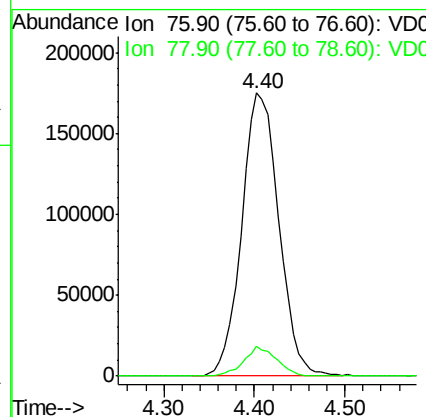
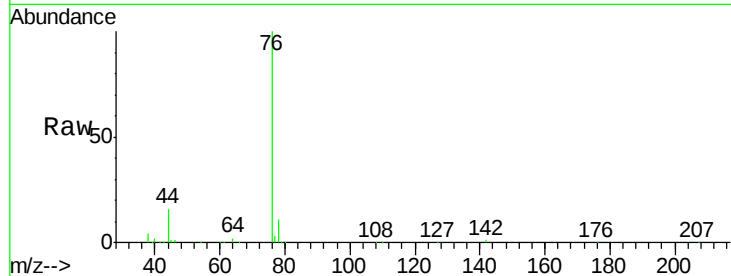
#17
Carbon Disulfide
Concen: 46.711 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.6	11.4

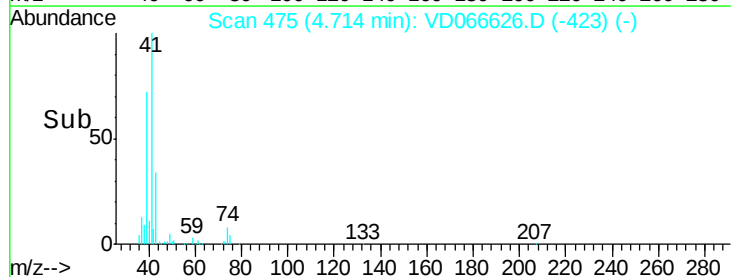
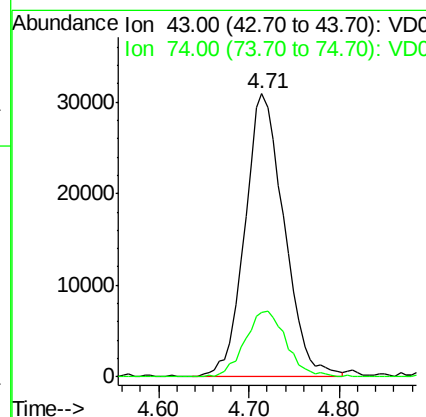
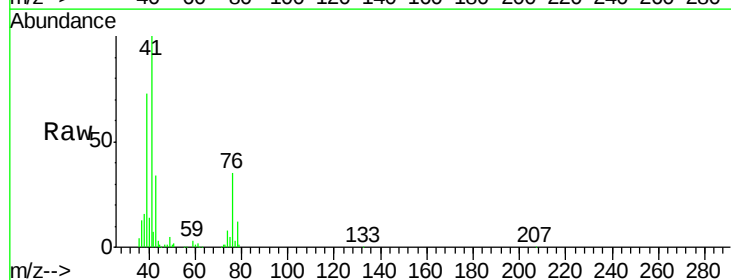
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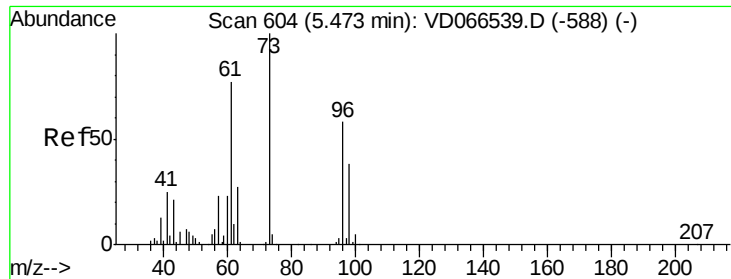
MMDadoda
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#18
Methyl Acetate
Concen: 54.422 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.0	27.0





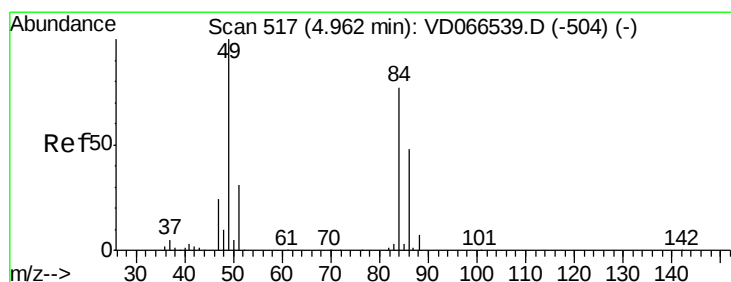
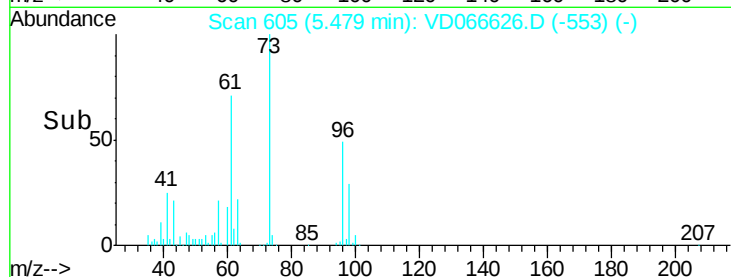
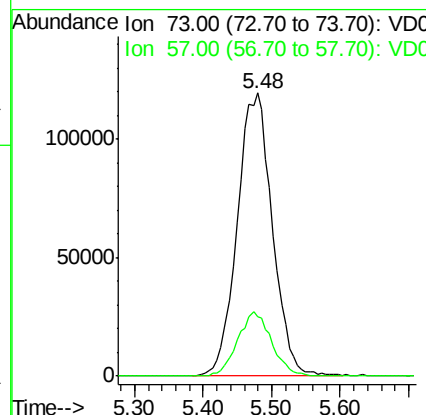
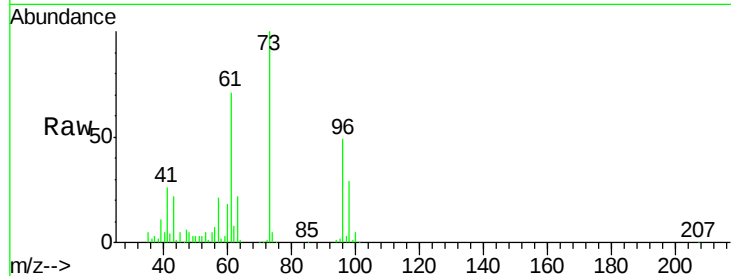
#19
Methvl tert-butvl Ether
Concen: 55.764 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 424764
Ion Ratio Lower Upper
73 100
57 21.1 18.3 27.5

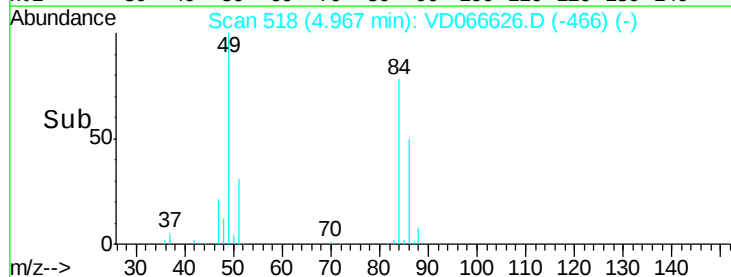
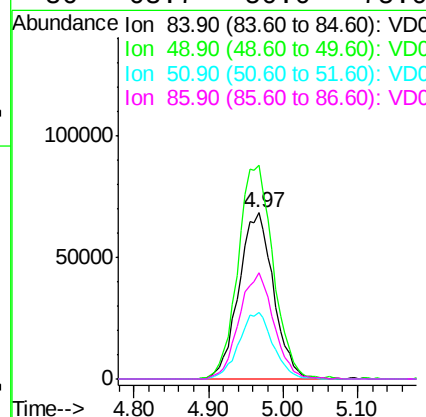
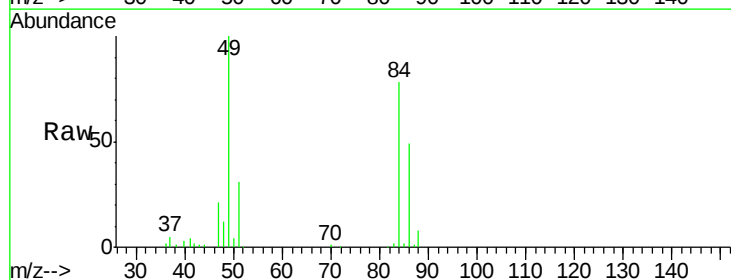
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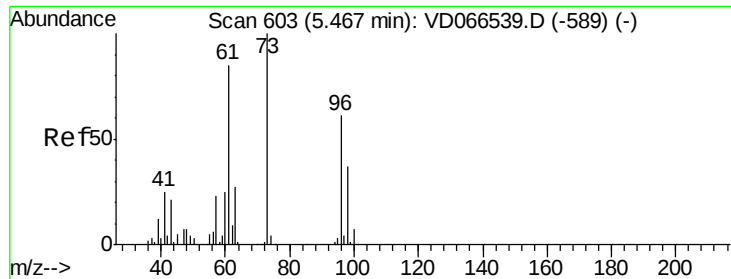
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#20
Methylene Chloride
Concen: 57.471 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 84 Resp: 220926
Ion Ratio Lower Upper
84 100
49 128.6 104.3 156.5
51 39.9 32.2 48.4
86 63.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 50.890 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

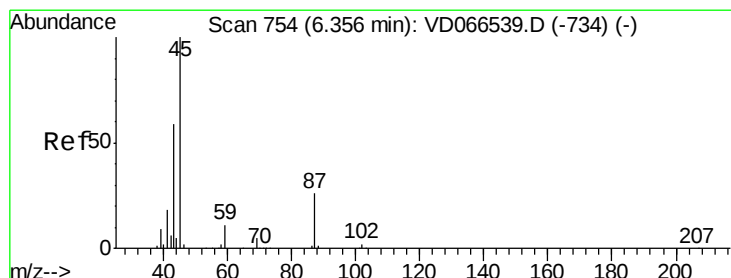
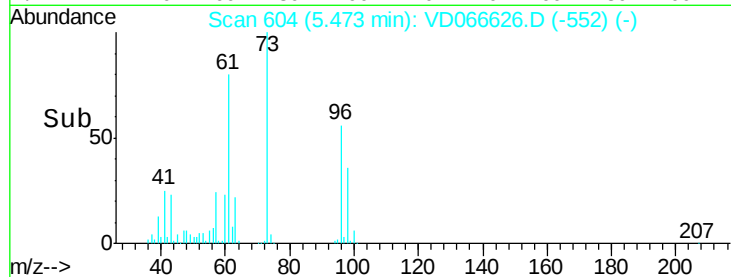
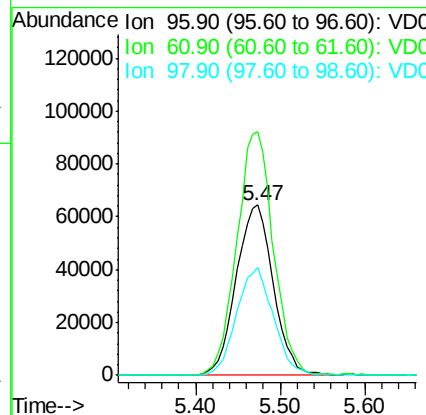
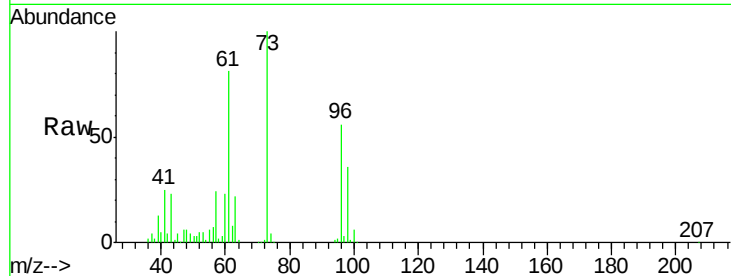
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	196295
Ion	Ratio	Lower	Upper
96	100		
61	143.0	112.1	168.1
98	63.2	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.527 ug/l

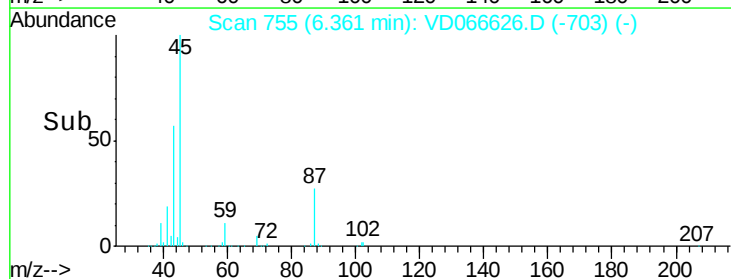
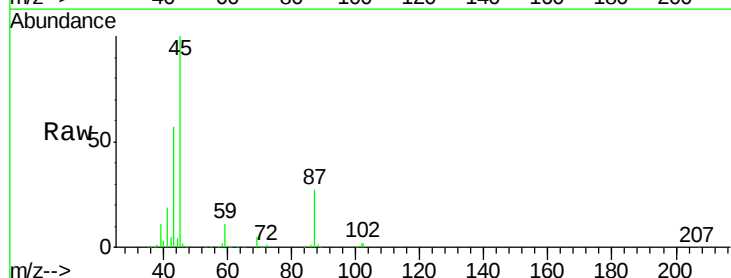
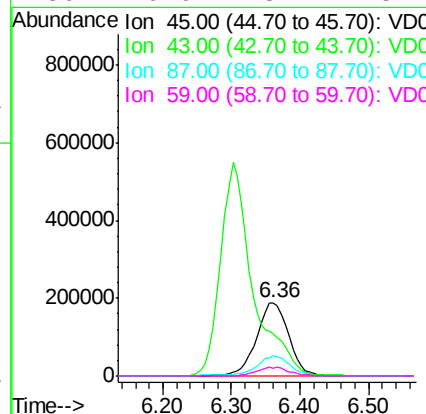
RT: 6.36 min Scan# 755

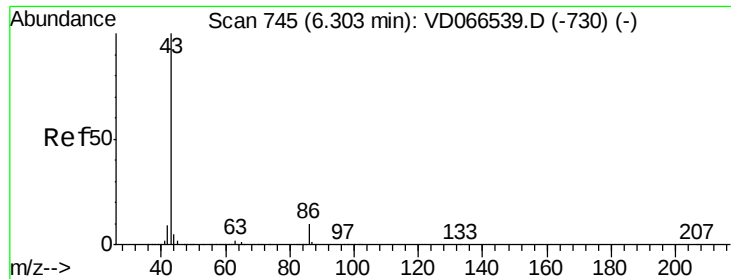
Delta R.T. 0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:	45	Resp:	618812
Ion	Ratio	Lower	Upper
45	100		
43	56.1	47.0	70.4
87	27.0	21.3	31.9
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 289.108 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1801056

Ion Ratio Lower Upper

43 100

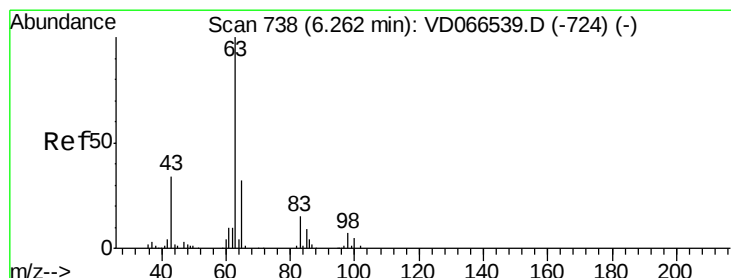
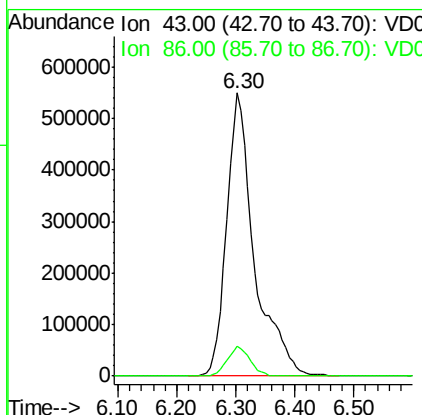
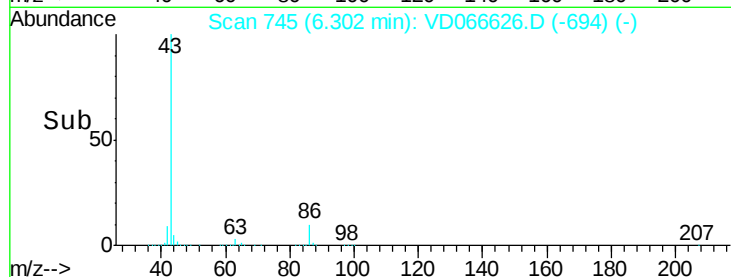
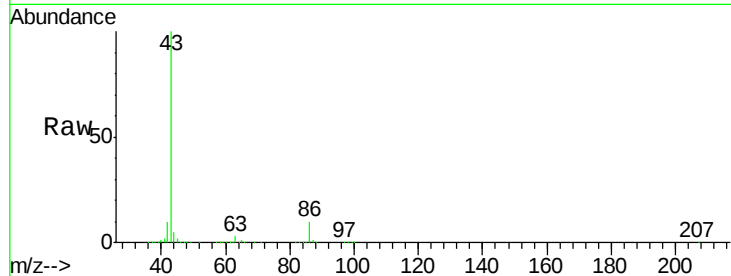
86 10.4 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.482 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

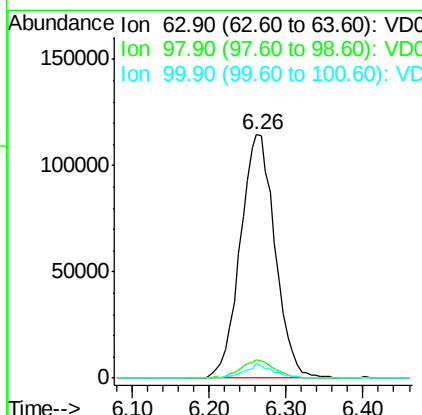
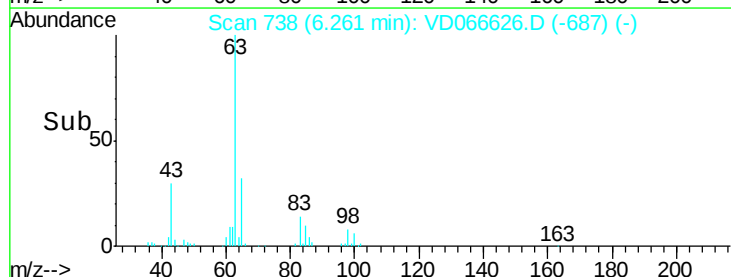
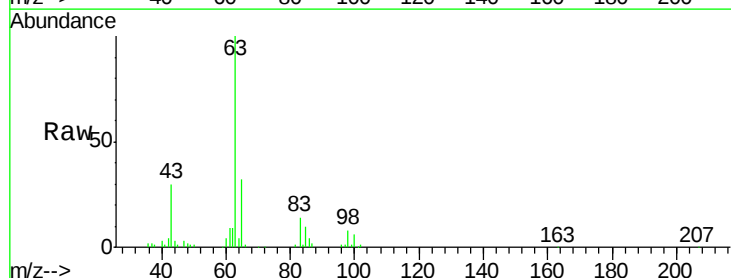
Tgt Ion: 63 Resp: 361294

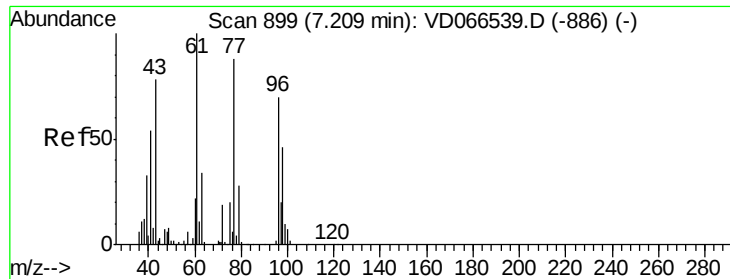
Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

100 6.1 2.5 7.4





#25

2-Butanone

Concen: 268.838 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 259016

Ion Ratio Lower Upper

43 100

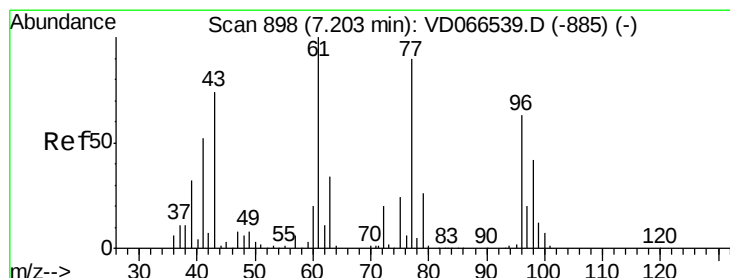
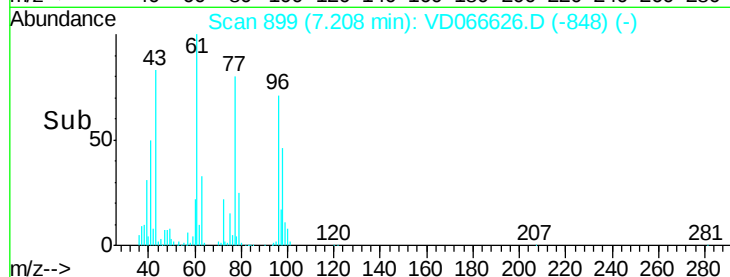
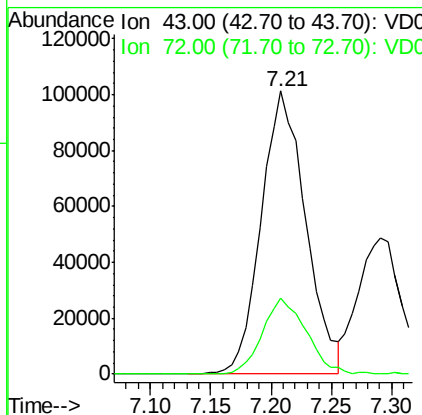
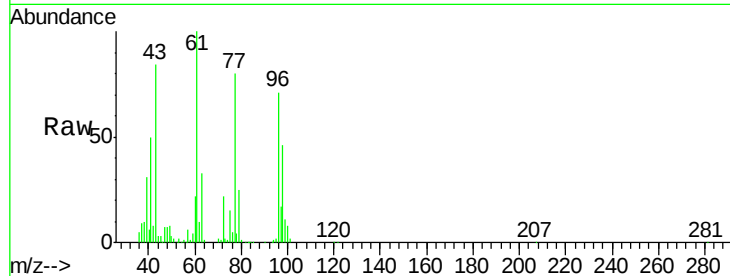
72 26.9 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.262 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066626.D

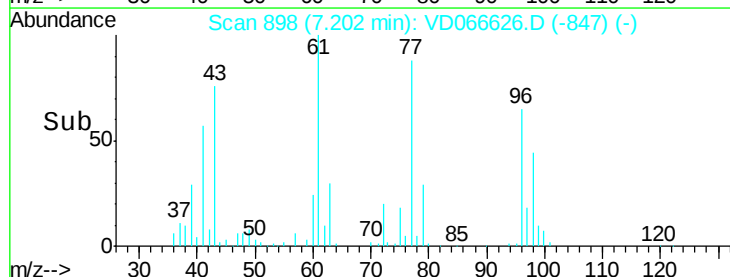
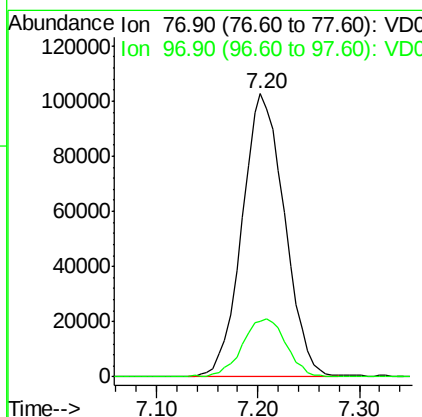
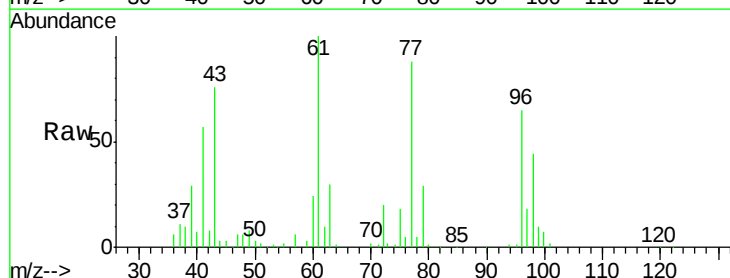
Acq: 10 Sep 2020 19:50

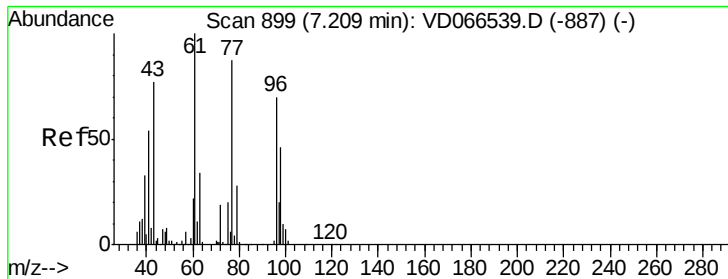
Tgt Ion: 77 Resp: 298445

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.3





#27

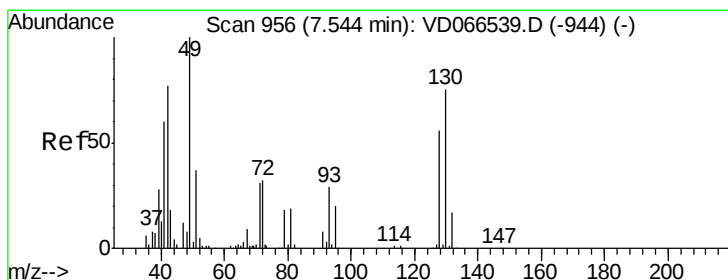
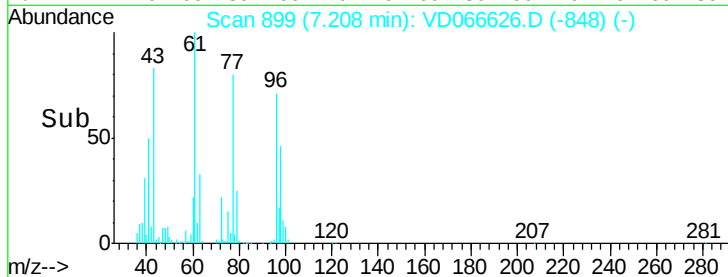
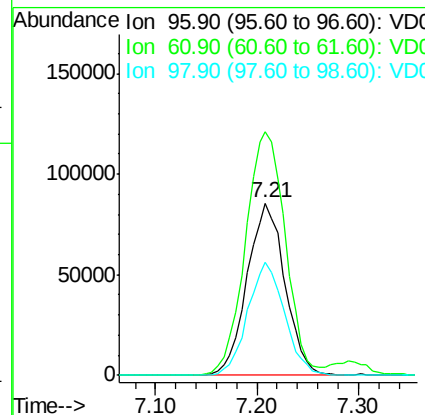
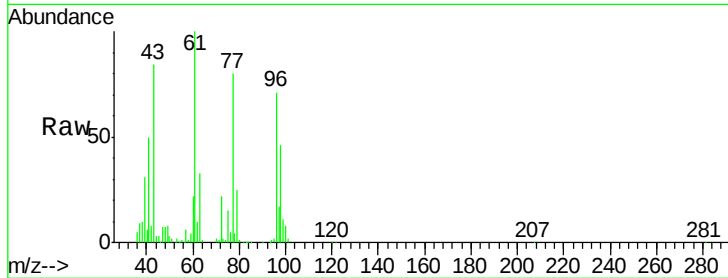
cis-1,2-Dichloroethene
 Concen: 53.520 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	301.0
98	63.9	0.0	129.8

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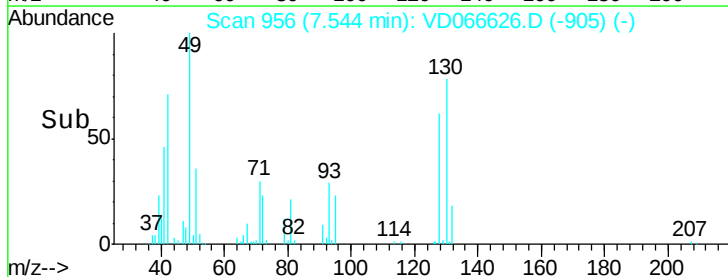
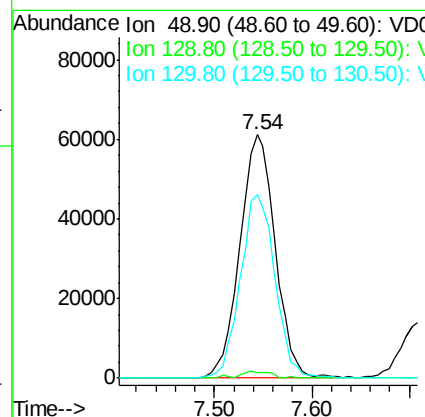
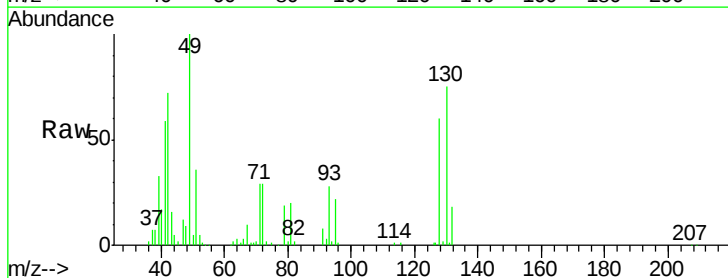
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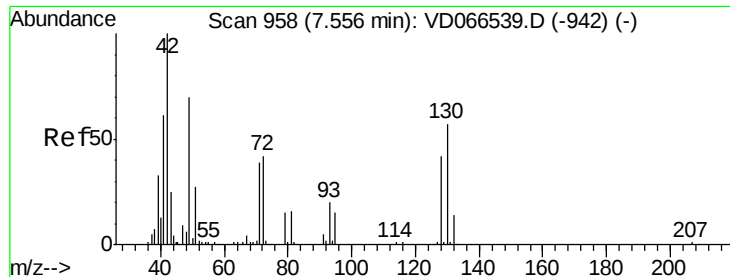


#28

Bromochloromethane
 Concen: 58.385 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.6
130	73.7	58.2	87.2





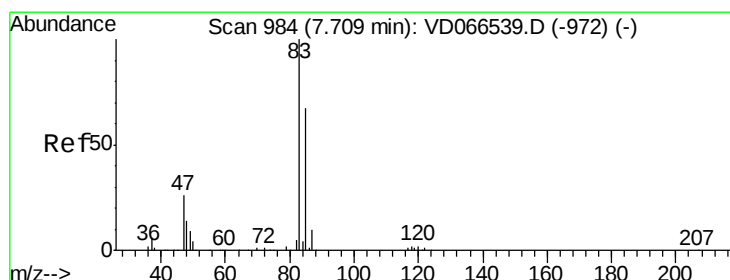
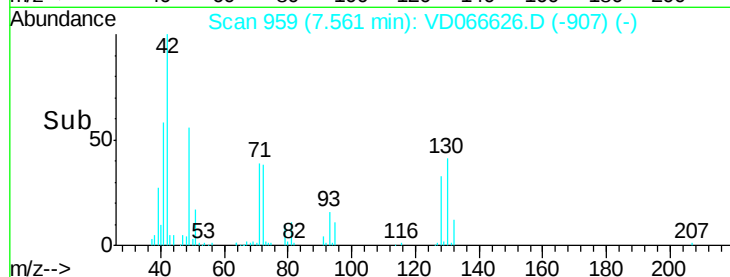
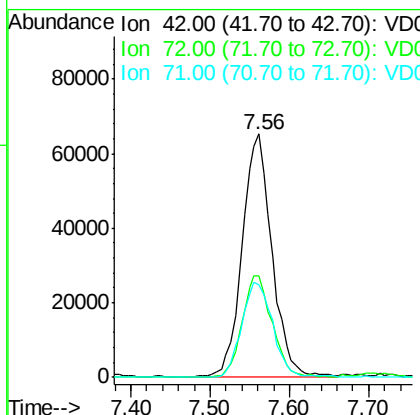
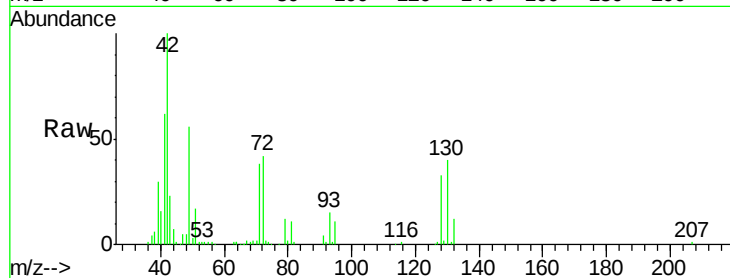
#29
Tetrahydrofuran
Concen: 284.066 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.4	50.0
71	40.1	31.9	47.9

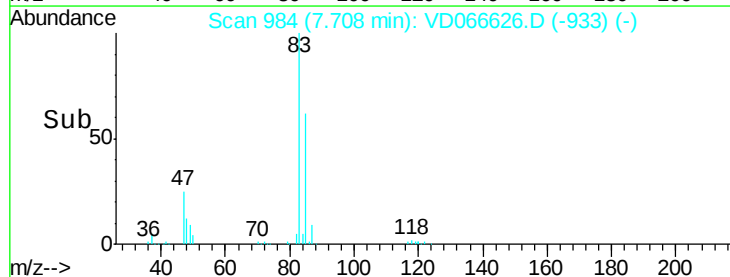
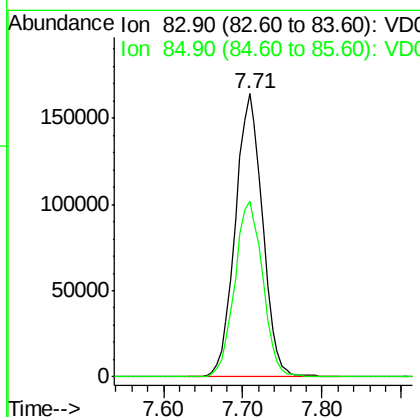
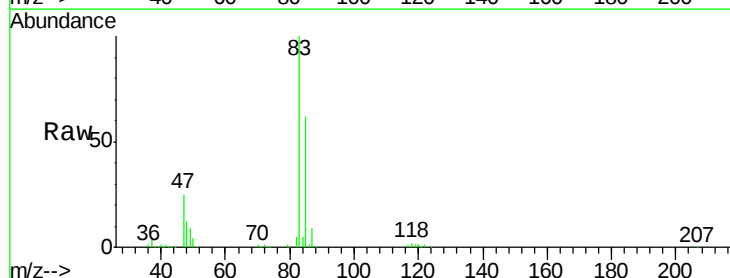
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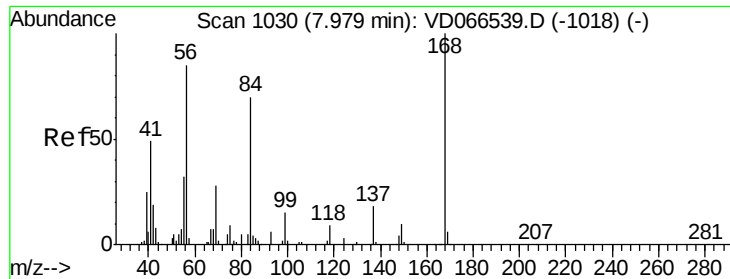
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#30
Chloroform
Concen: 53.748 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	53.6	80.4





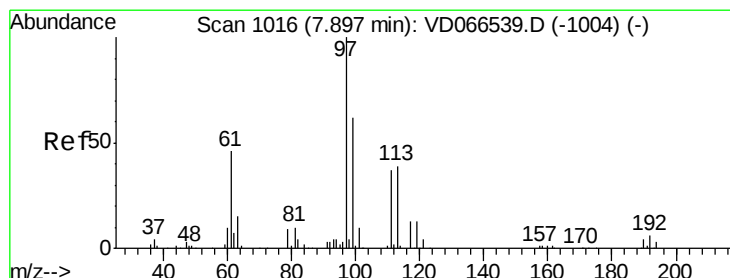
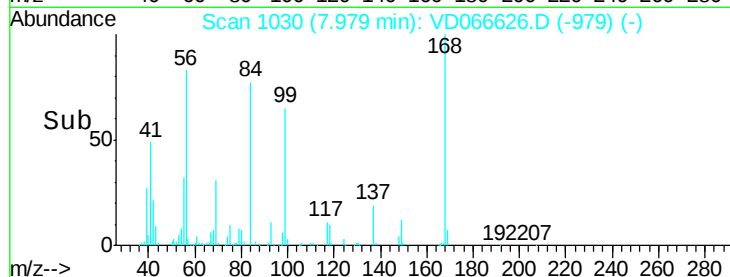
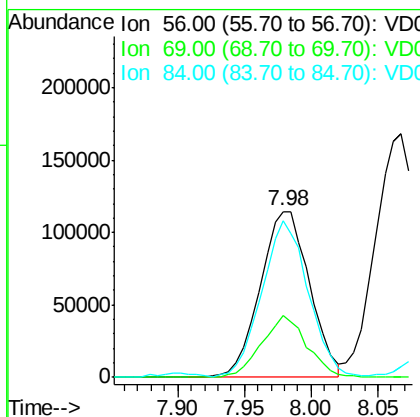
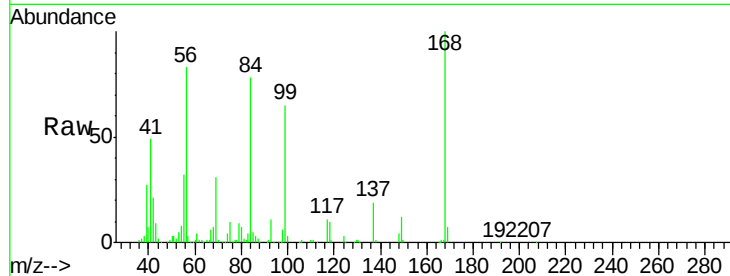
#31
Cyclohexane
Concen: 46.066 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	26.3	39.5
84	92.6	66.1	99.1

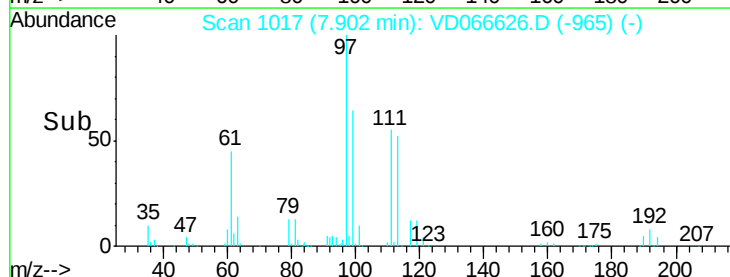
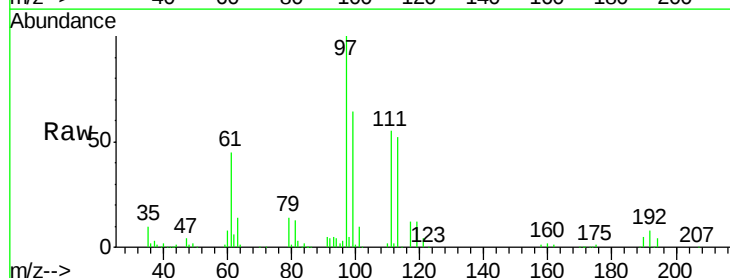
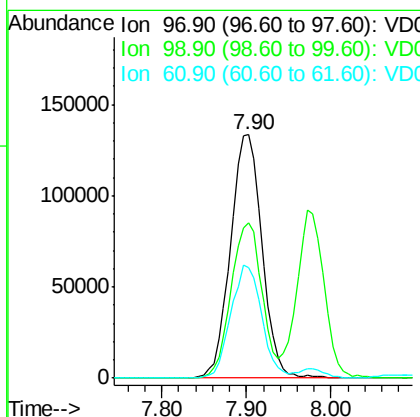
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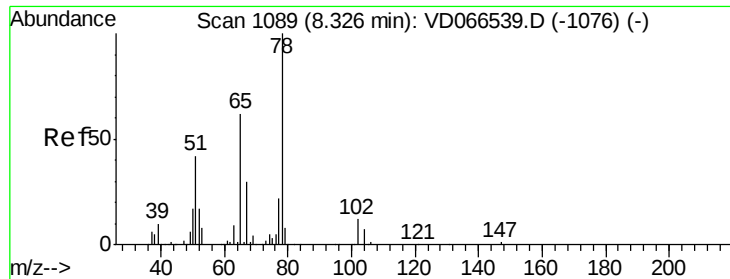
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#32
1,1,1-Trichloroethane
Concen: 50.077 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.0
61	45.4	37.4	56.0





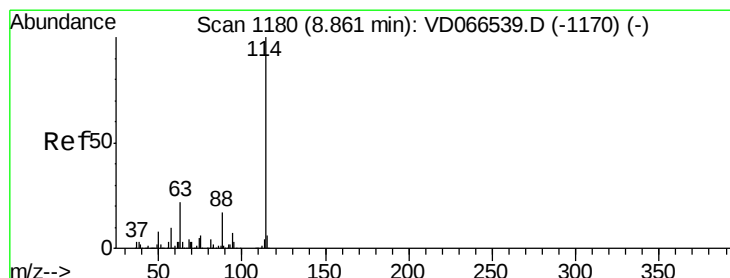
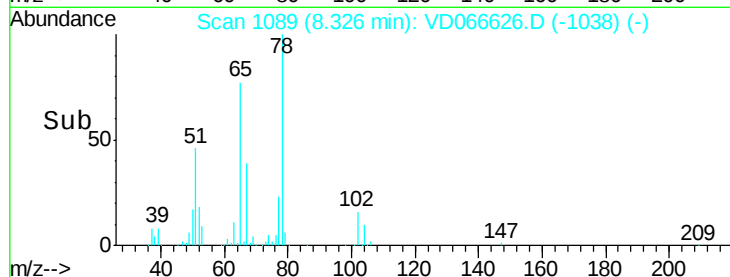
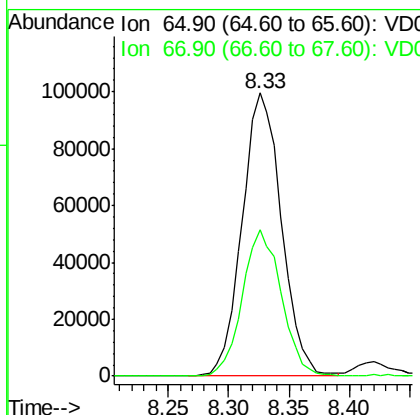
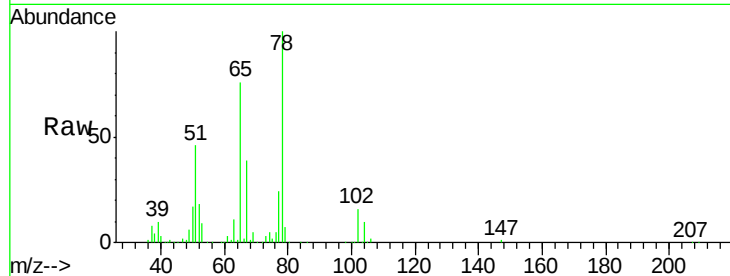
#33
 1,2-Dichloroethane-d4
 Concen: 57.921 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	225936		
67	51.4	0.0	102.8	

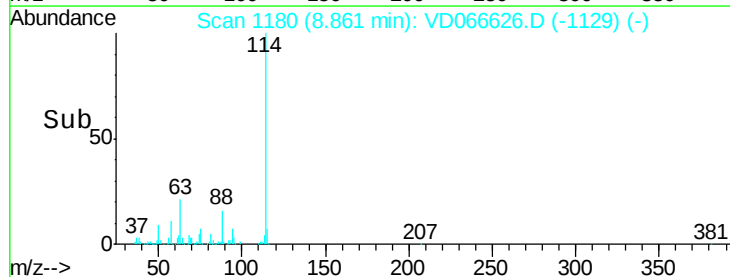
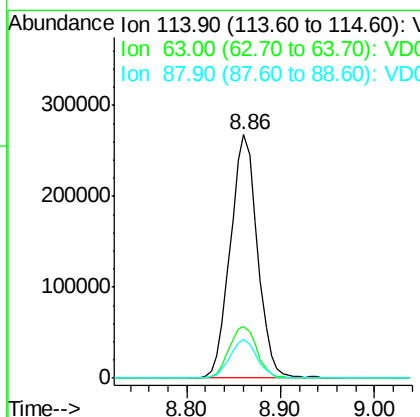
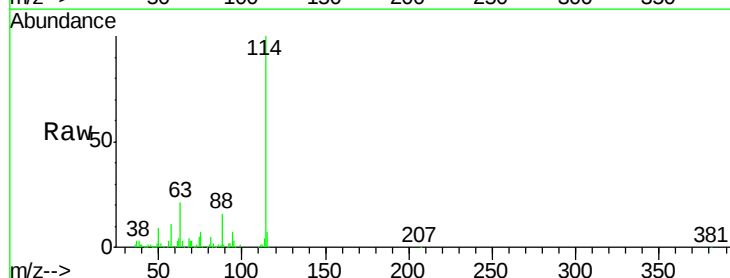
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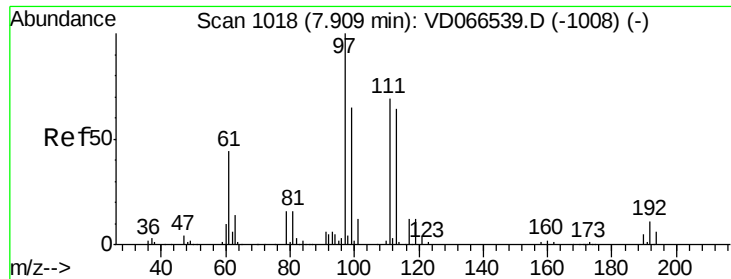
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	537081		
63	21.0	0.0	43.2	
88	16.1	0.0	33.2	





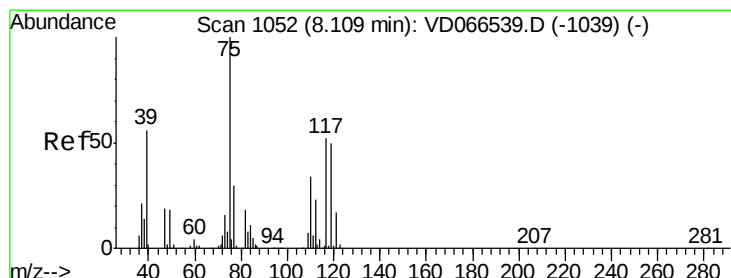
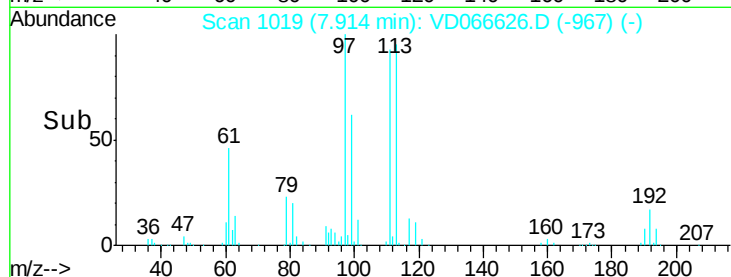
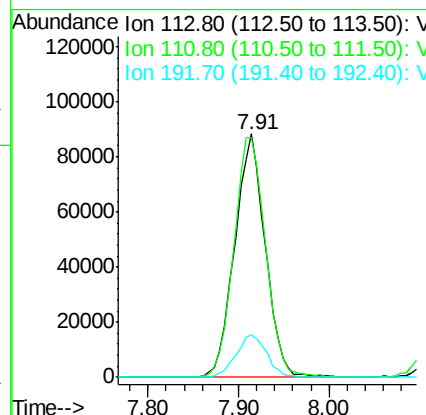
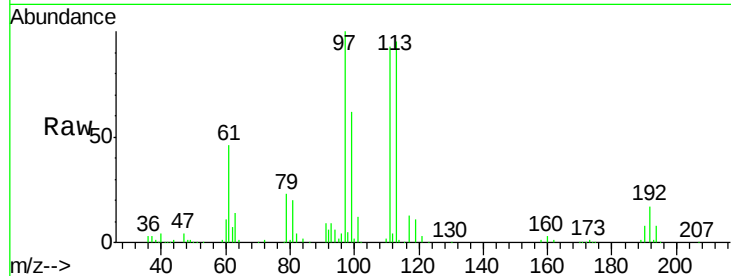
#35
 Dibromofluoromethane
 Concen: 56.986 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	206473		
111	103.1	83.2	124.8	
192	17.5	13.7	20.5	

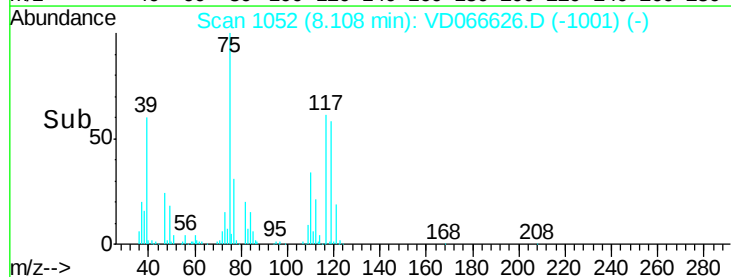
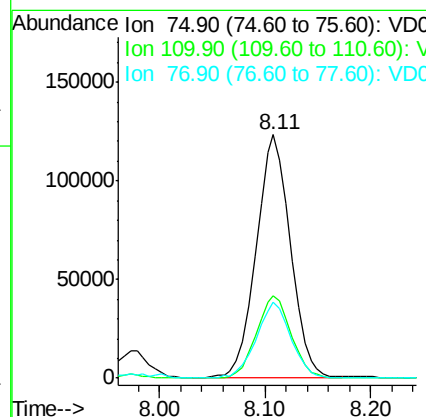
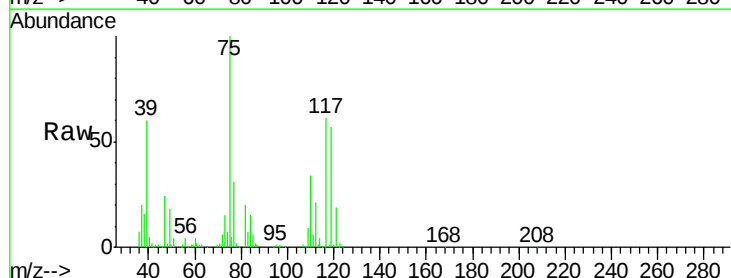
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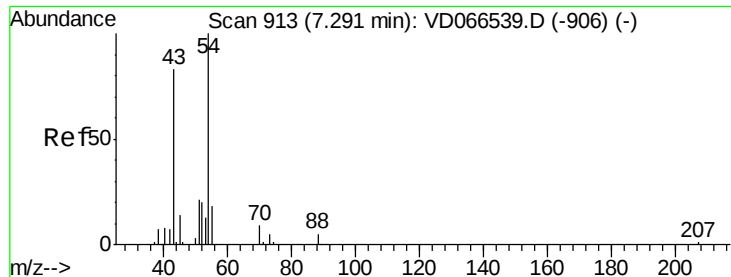
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#36
 1,1-Dichloropropene
 Concen: 49.445 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	276367		
110	34.3	17.3	52.0	
77	31.8	25.1	37.7	





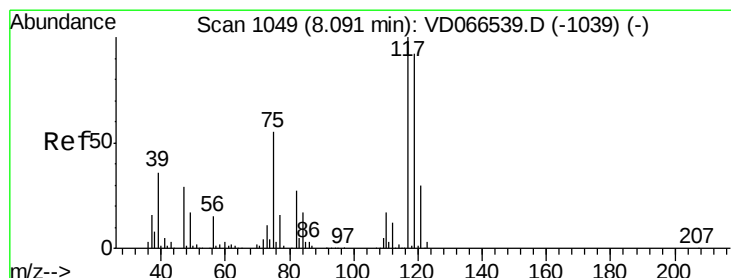
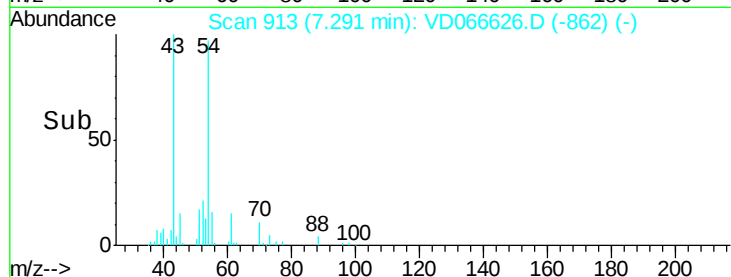
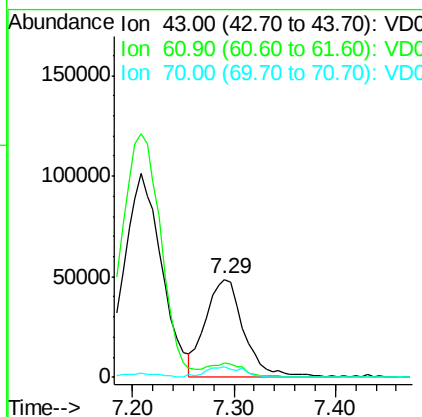
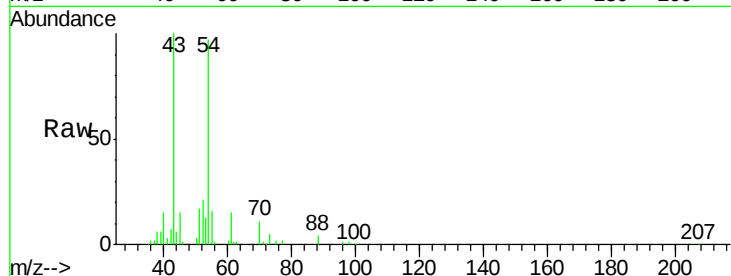
#37
Ethyl Acetate
Concen: 56.653 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.8	17.8
70	11.0	7.9	11.9

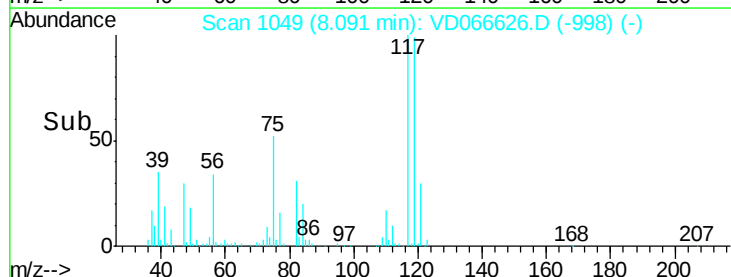
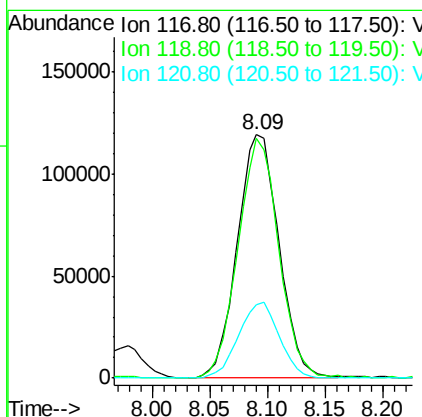
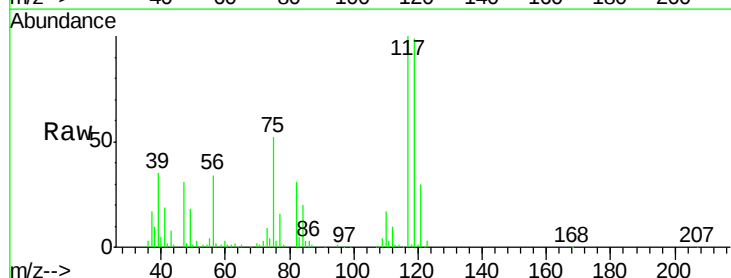
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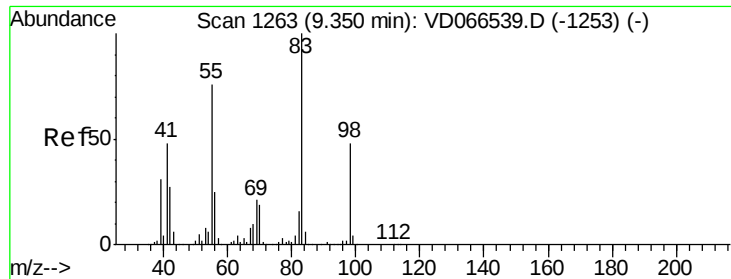
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#38
Carbon Tetrachloride
Concen: 50.630 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	73.9	110.9
121	30.0	24.1	36.1





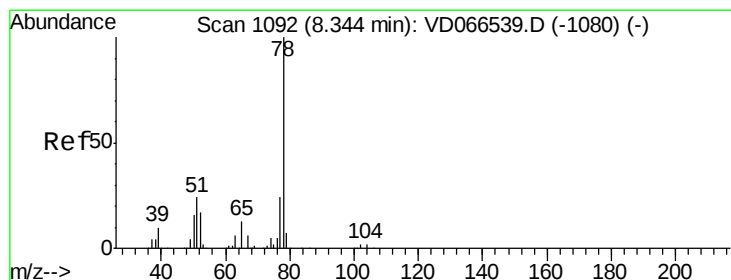
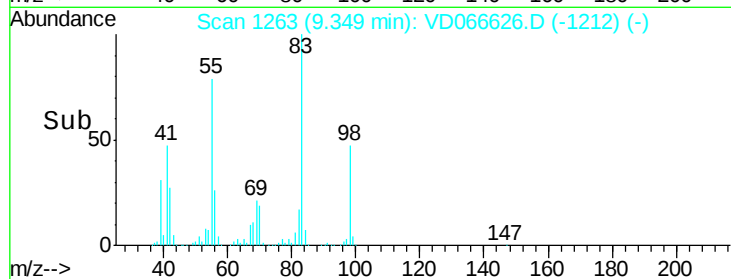
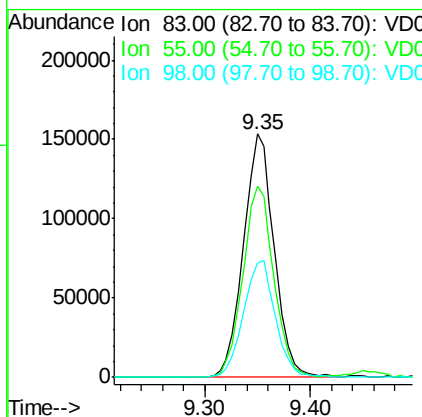
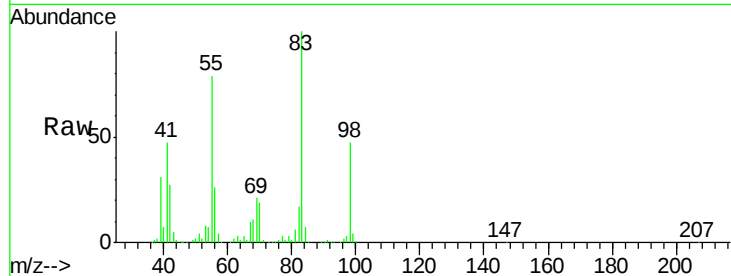
#39
Methvlcvclohexane
Concen: 49.709 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	310251		
55	78.6		60.8	91.2
98	46.9		38.6	58.0

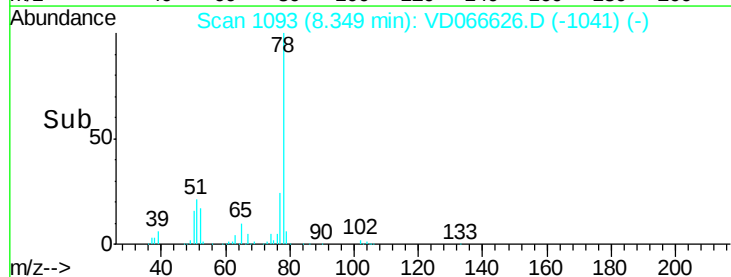
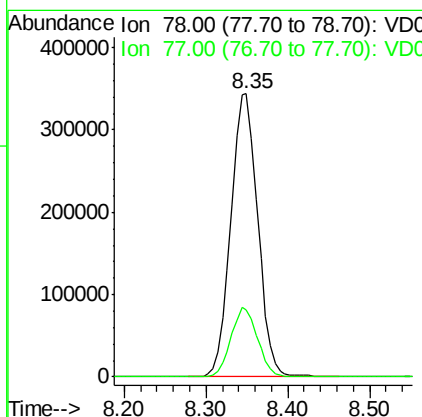
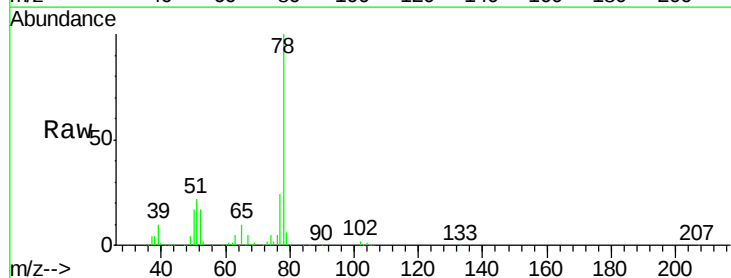
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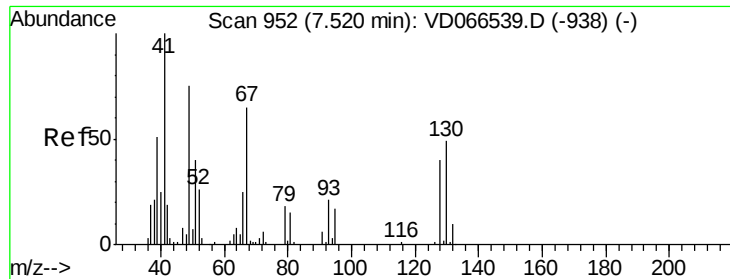
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#40
Benzene
Concen: 51.655 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	790741		
77	23.8		19.1	28.7





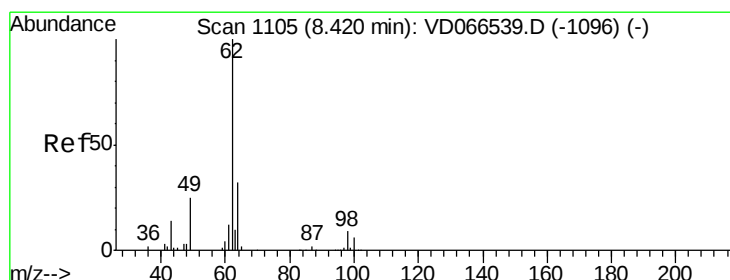
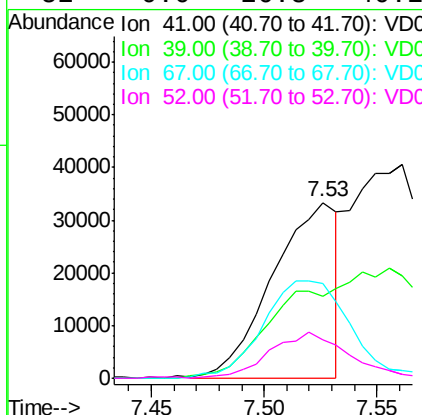
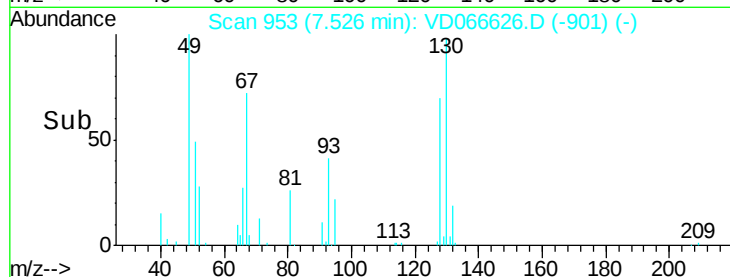
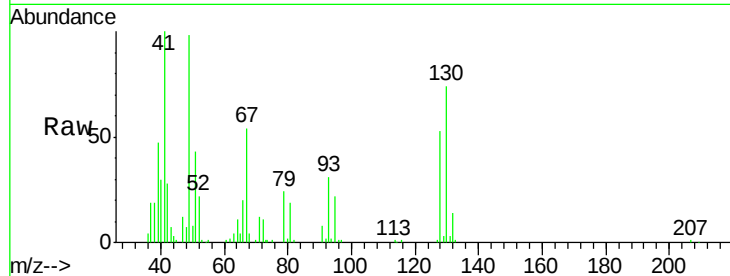
#41
Methacrylonitrile
Concen: 62.527 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	139.0	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

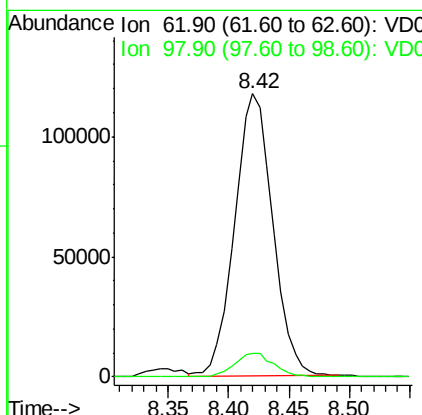
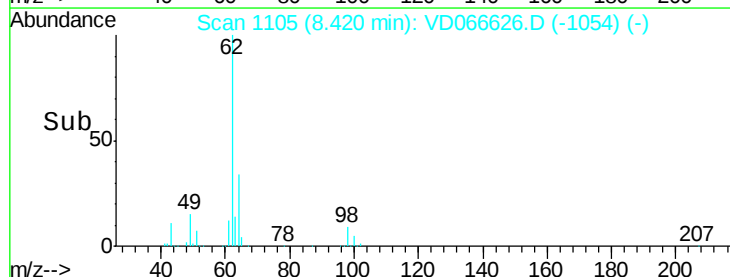
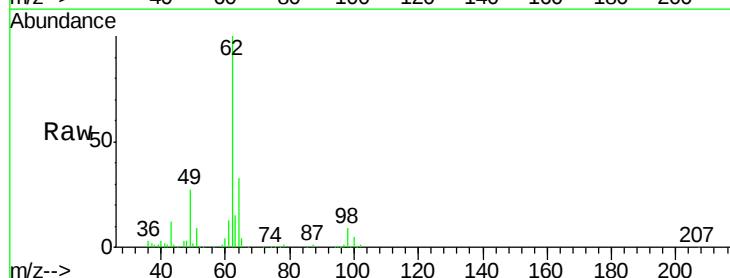
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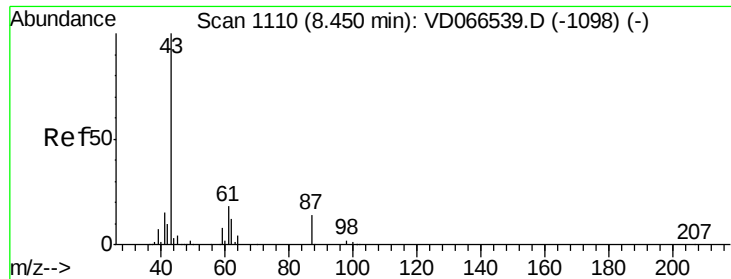
MMDadoda
9/11/2020 10:17:59 AM



#42
1,2-Dichloroethane
Concen: 52.221 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

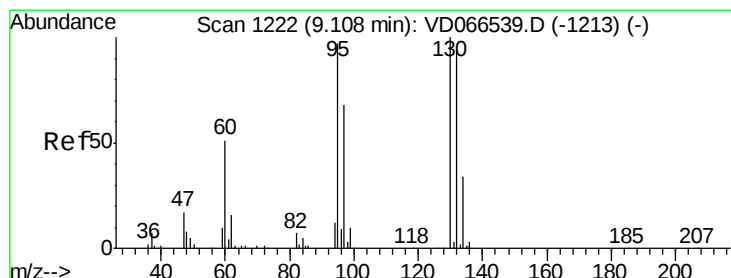
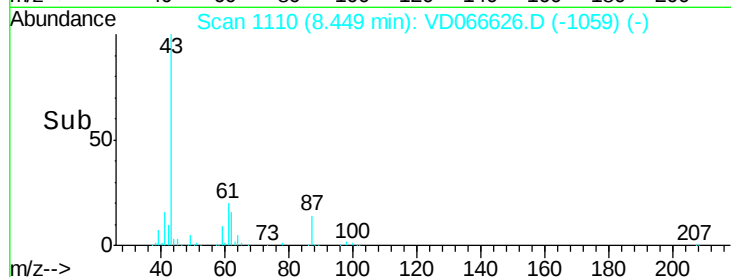
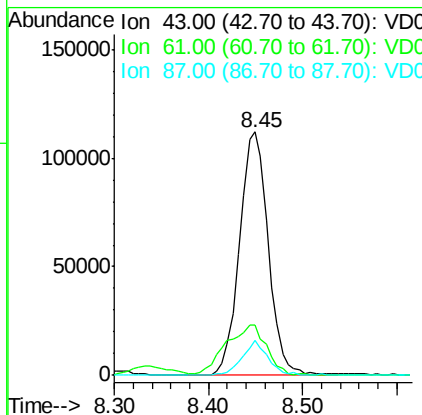
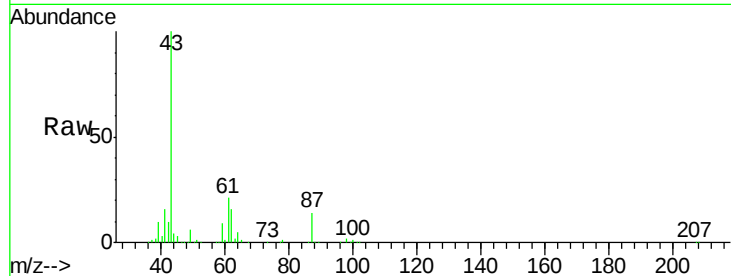
Isopropyl Acetate
 Concen: 55.766 ug/l
 RT: 8.45 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.8	35.8
87	12.8	10.7	16.1

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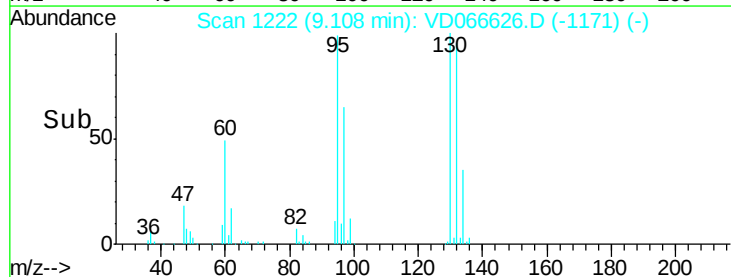
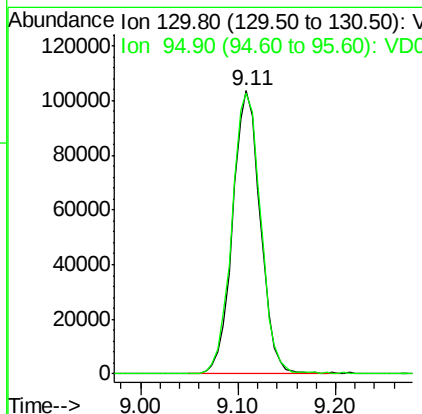
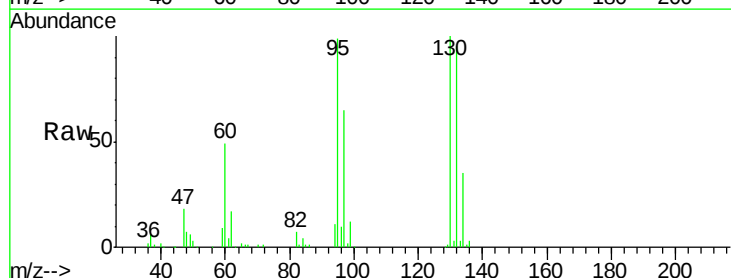
MMDadoda
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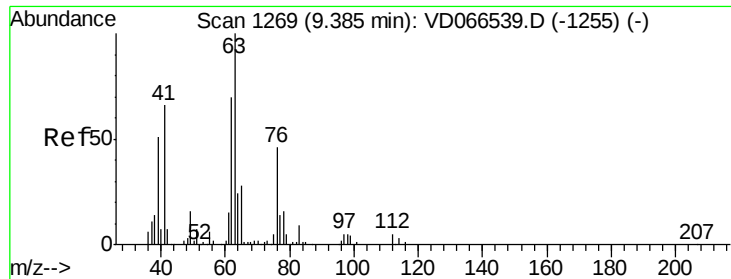


#44

Trichloroethene
 Concen: 50.899 ug/l
 RT: 9.11 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	194.4





#45

1,2-Dichloropropane

Concen: 53.752 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 206928

Ion Ratio Lower Upper

63 100

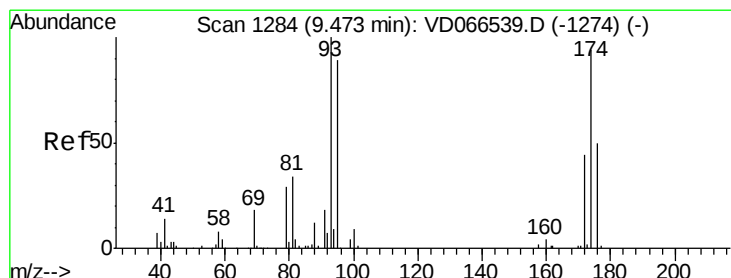
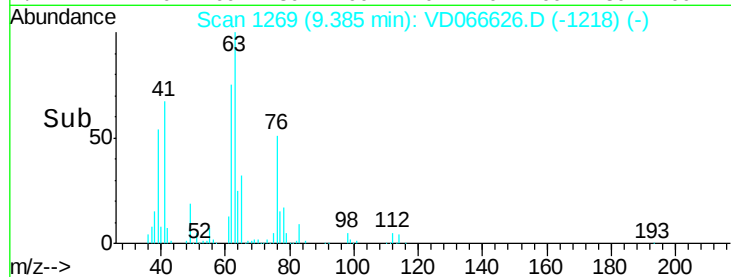
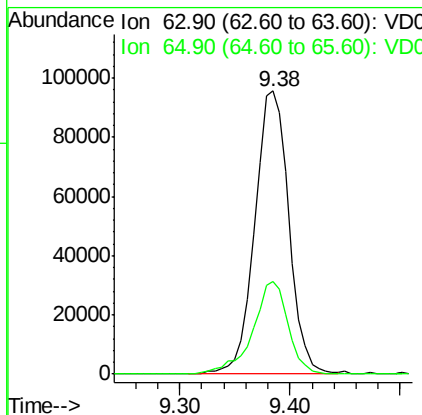
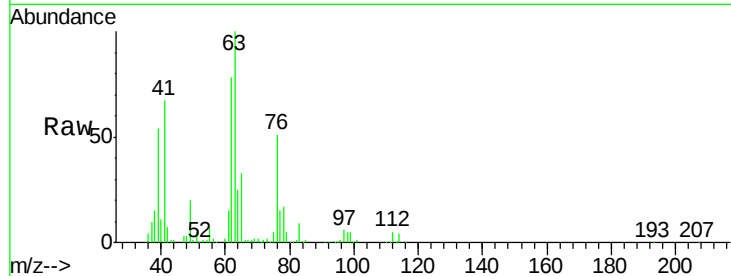
65 32.6 22.6 34.0

Manual Integrations

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#46

Dibromomethane

Concen: 53.960 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

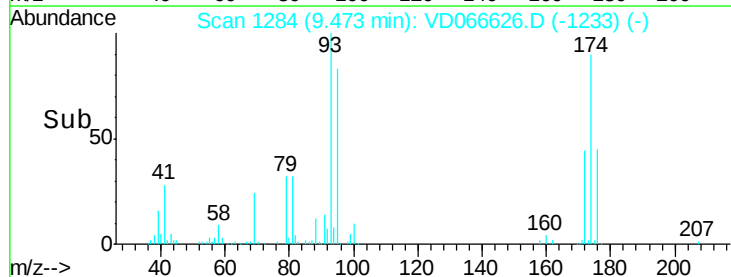
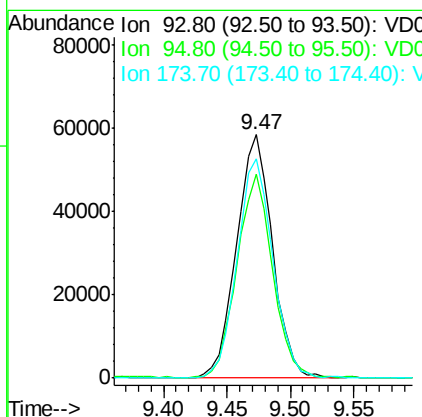
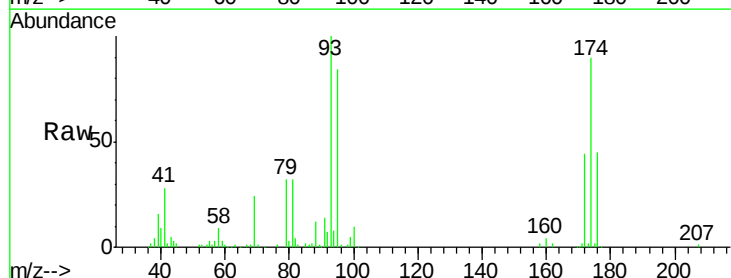
Tgt Ion: 93 Resp: 114606

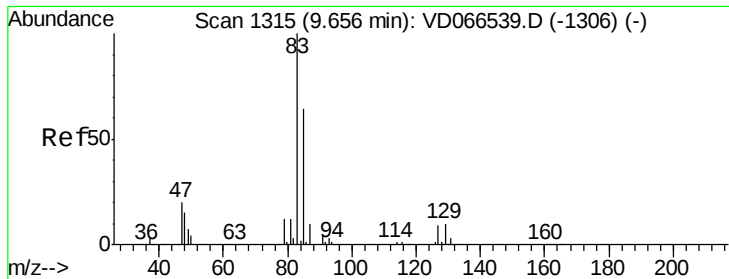
Ion Ratio Lower Upper

93 100

95 83.3 68.7 103.1

174 89.8 70.0 105.0





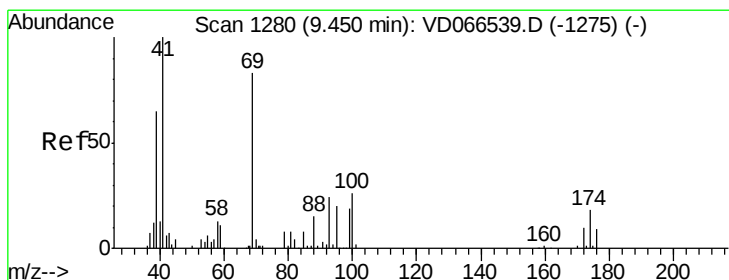
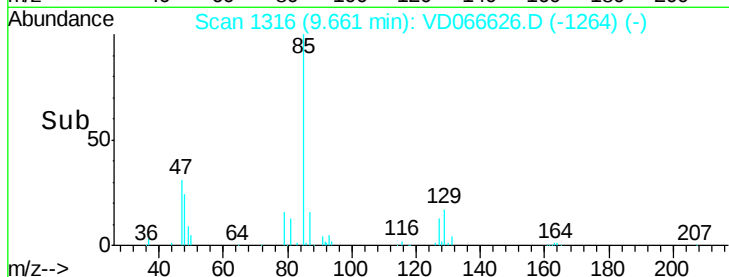
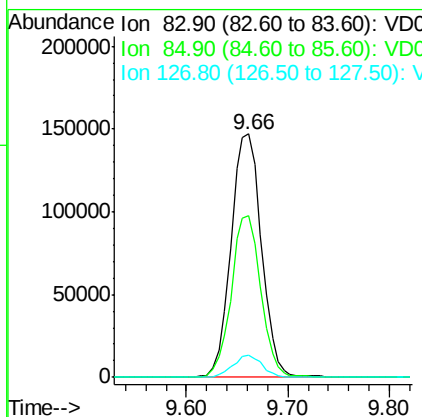
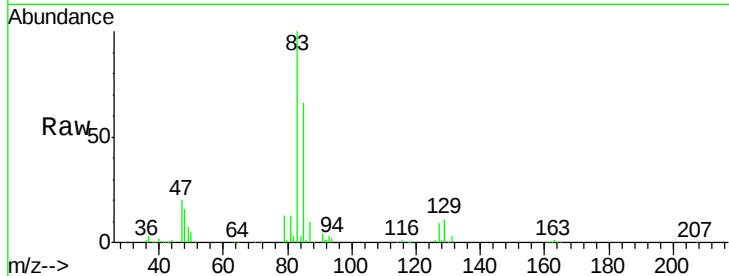
#47
Bromodichloromethane
Concen: 53.397 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	306834		
85	66.3		51.1	76.7
127	8.9		6.9	10.3

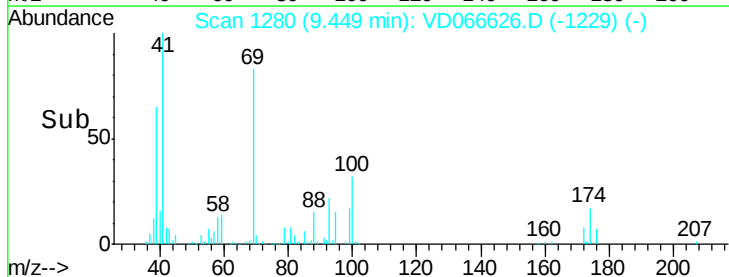
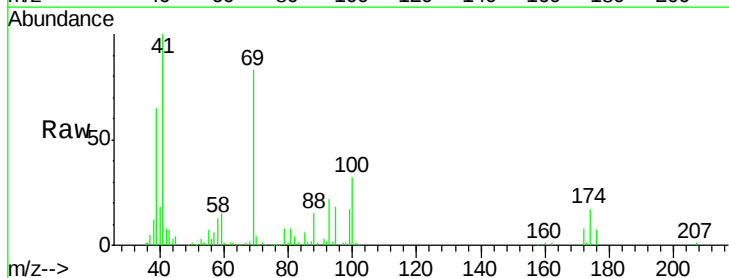
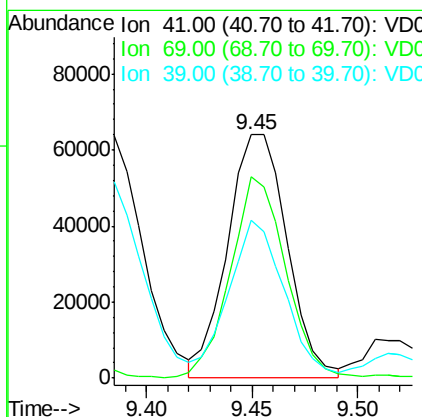
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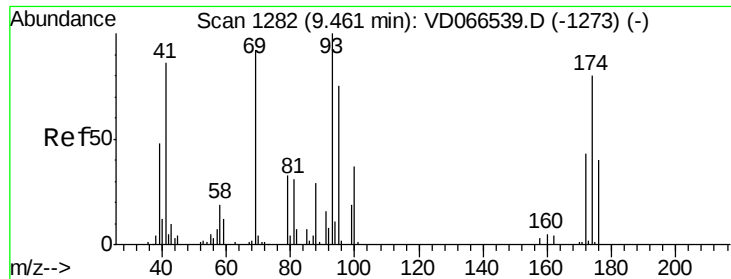
MMDadoda
9/11/2020 10:17:59 AM



#48
Methyl methacrylate
Concen: 57.779 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	124616		
69	77.5		64.5	96.7
39	56.4		46.6	69.8





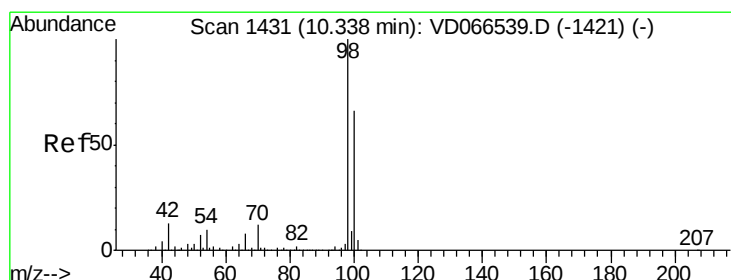
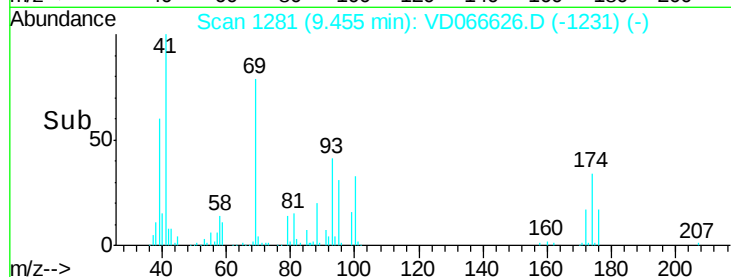
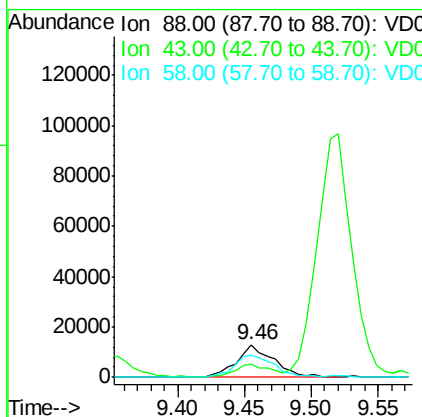
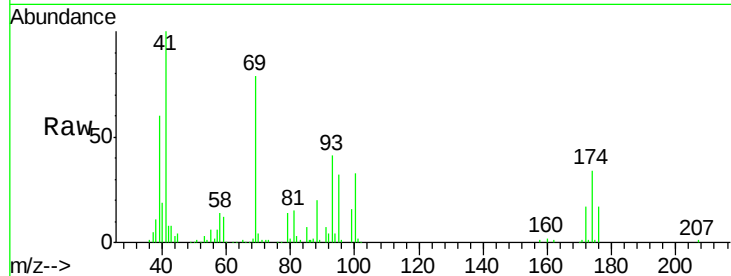
#49
 1,4-Dioxane
 Concen: 1078.877 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	25139
Ion	Ratio	Lower	Upper
88	100		
43	40.6	28.3	42.5
58	74.6	56.1	84.1

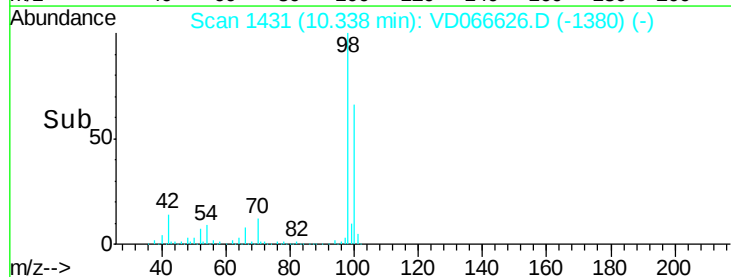
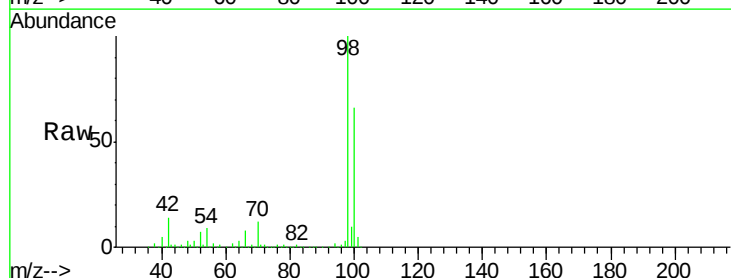
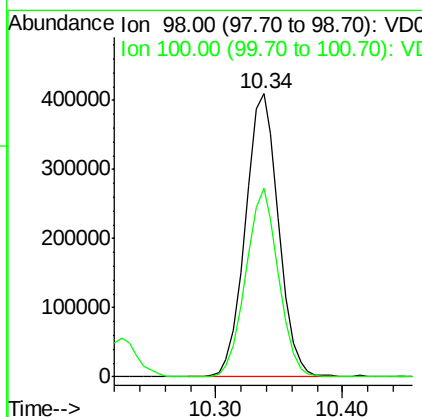
Manual Integrations
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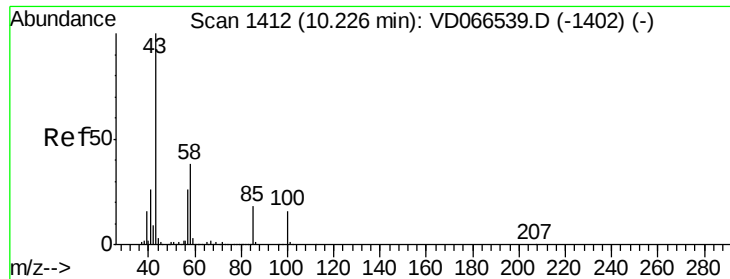
MMDadoda
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#50
 Toluene-d8
 Concen: 57.469 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	98	Resp	744214
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 292.981 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 630228

Ion Ratio Lower Upper

43 100

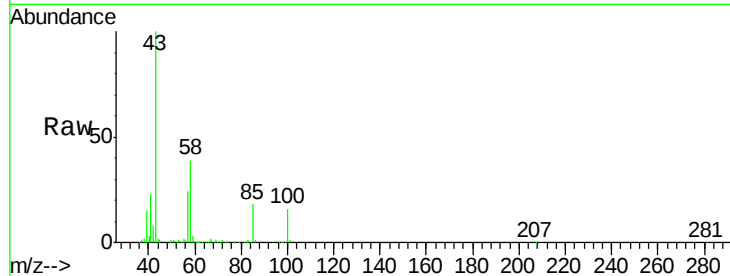
58 36.5 30.5 45.7

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400000

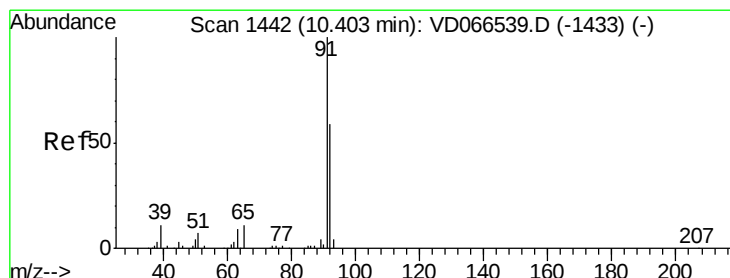
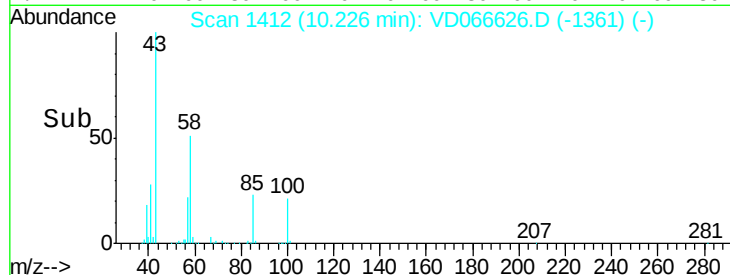
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 53.458 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066626.D

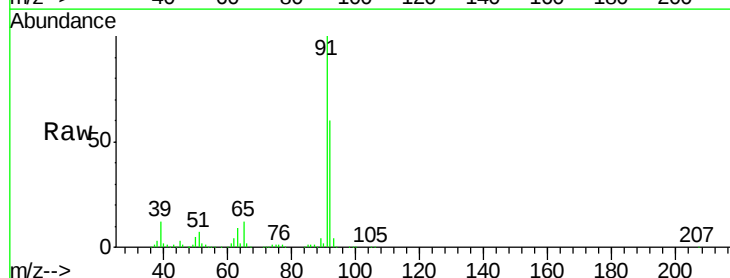
Acq: 10 Sep 2020 19:50

Tgt Ion: 92 Resp: 518016

Ion Ratio Lower Upper

92 100

91 170.6 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

500000

400000

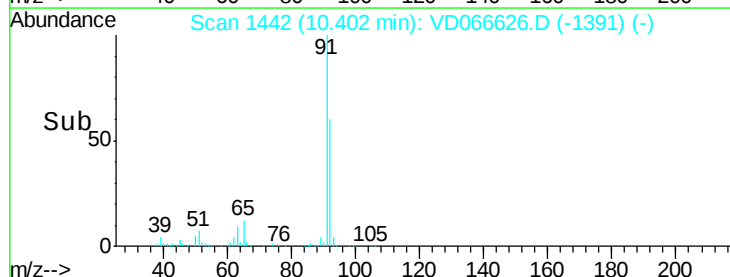
300000

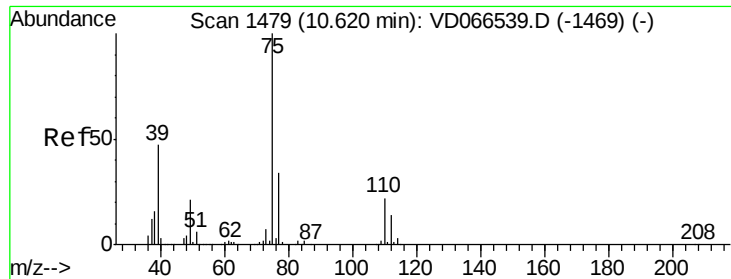
200000

100000

0

Time--> 10.30 10.40 10.50





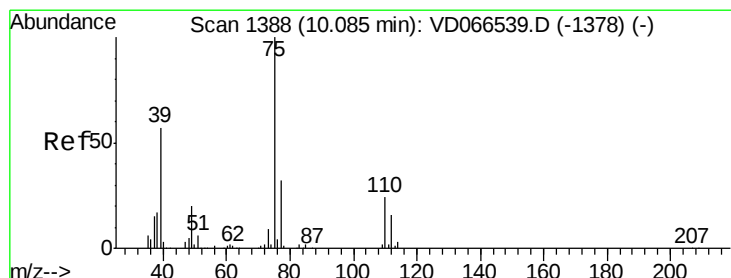
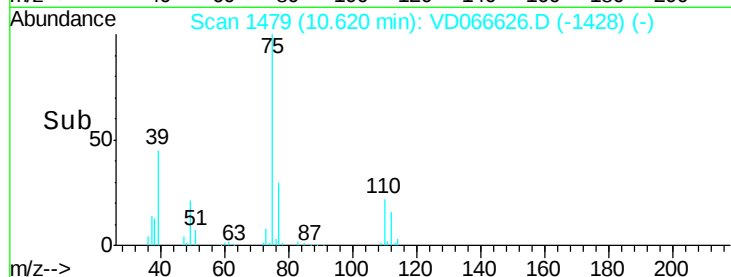
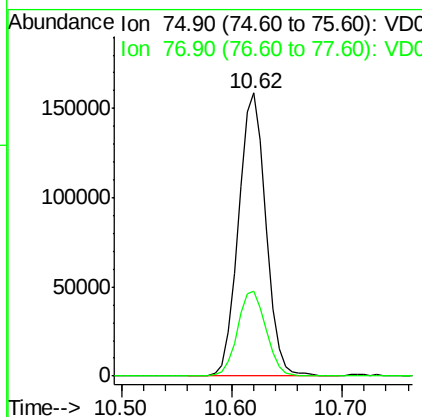
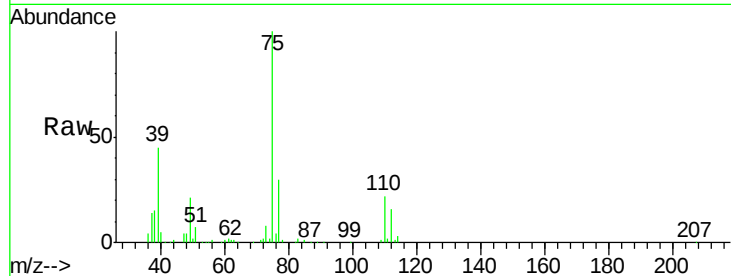
#53
t-1,3-Dichloropropene
Concen: 54.557 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	27.4	41.2

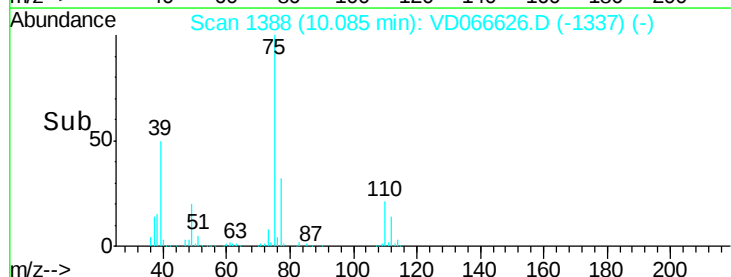
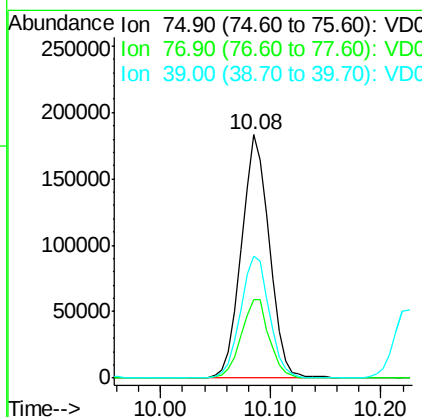
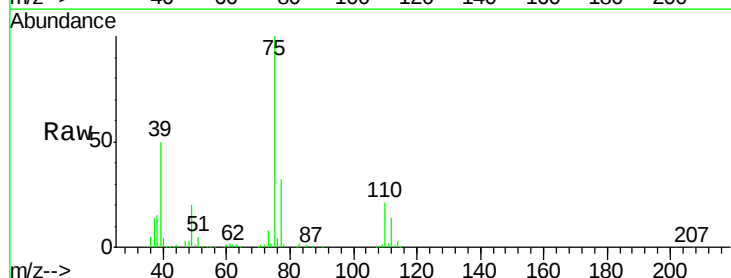
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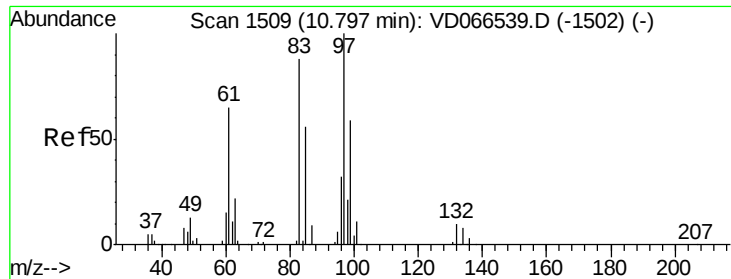
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#54
cis-1,3-Dichloropropene
Concen: 53.629 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
39	50.4	45.4	68.0





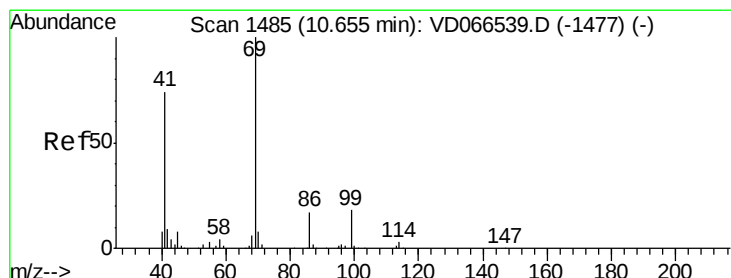
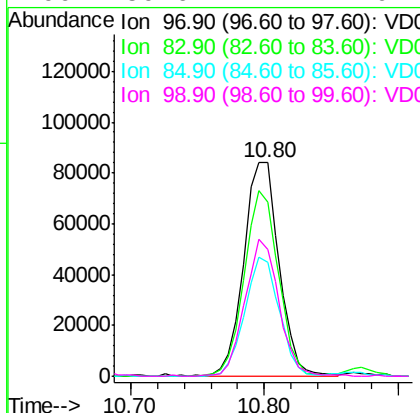
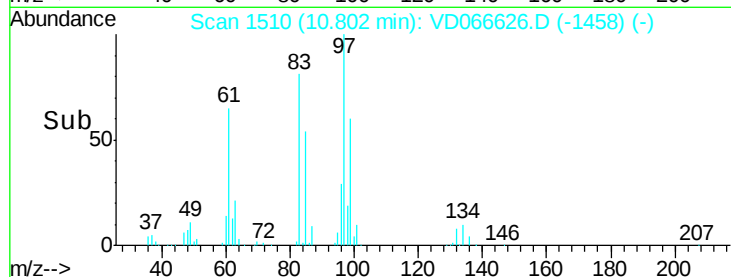
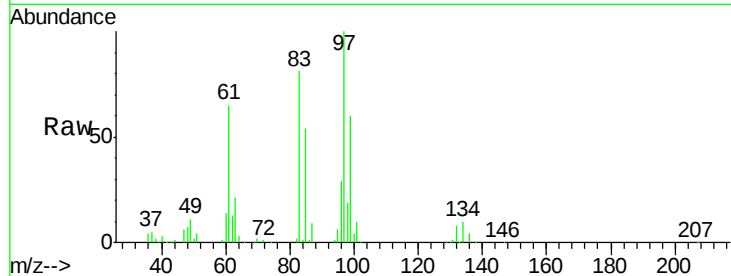
#55
 1,1,2-Trichloroethane
 Concen: 56.461 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	154187
Ion	Ratio	Lower	Upper
97	100		
83	81.3	70.1	105.1
85	53.5	44.5	66.7
99	59.6	47.1	70.7

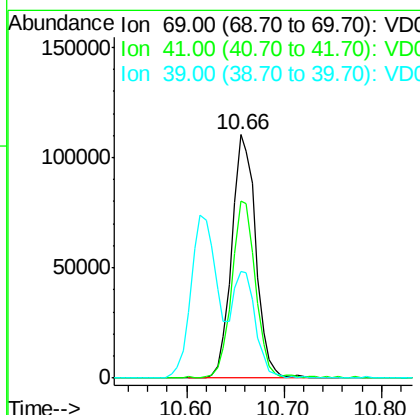
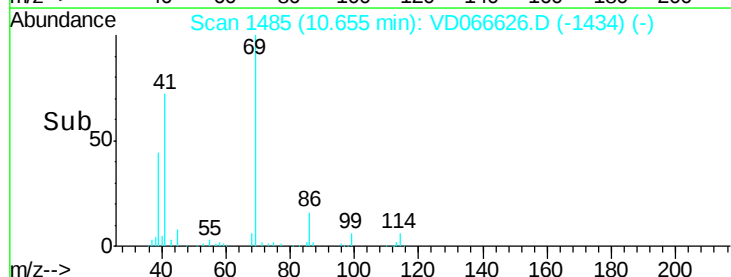
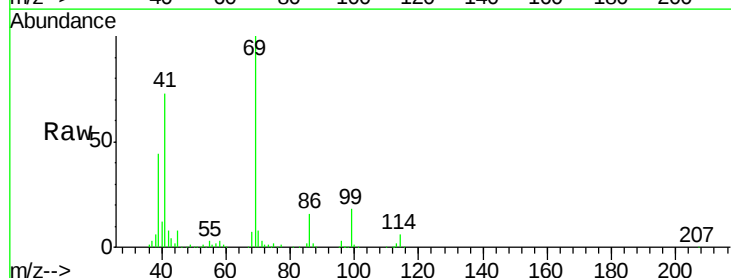
Manual Integrations
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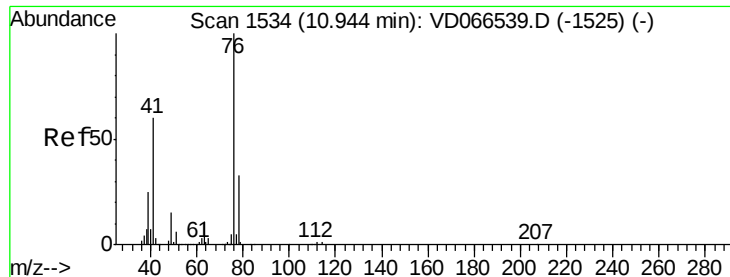
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#56
 Ethyl methacrylate
 Concen: 59.208 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion:	69	Resp:	188258
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.8	85.2
39	39.1	30.6	46.0





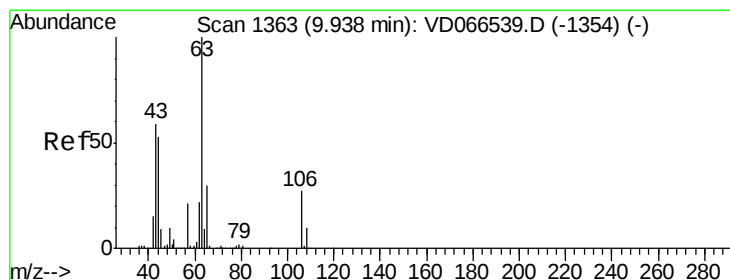
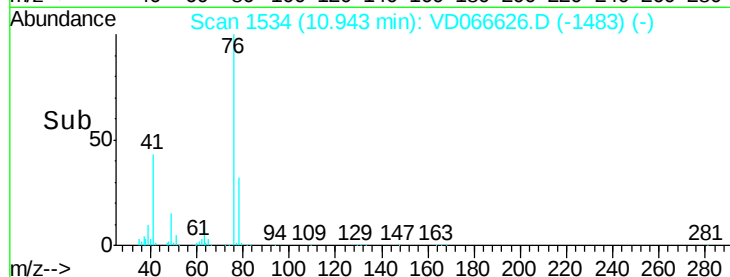
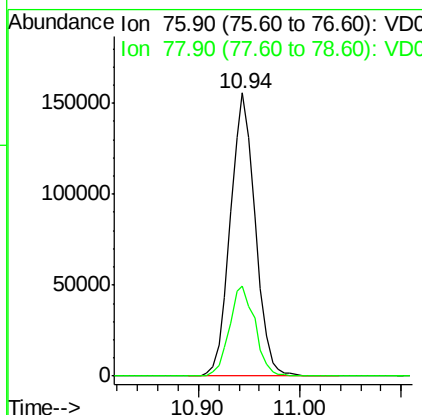
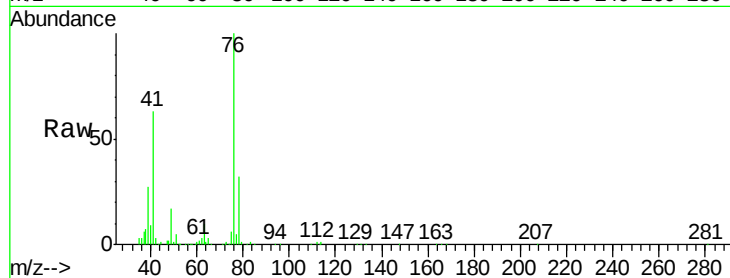
#57
 1,3-Dichloropropane
 Concen: 55.311 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

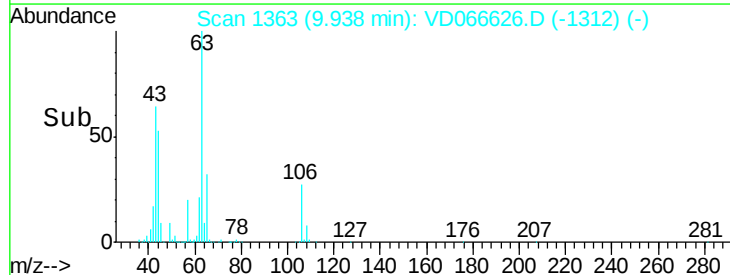
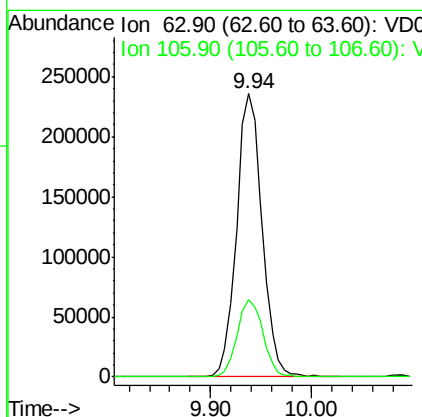
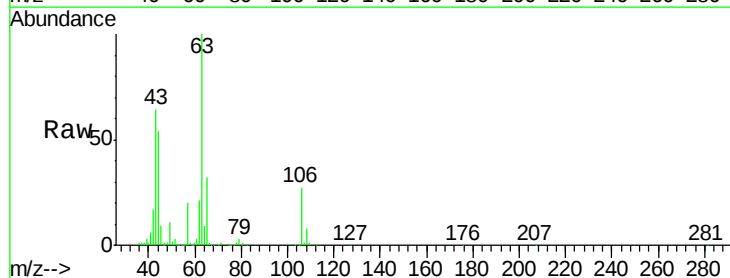
Manual Integrations
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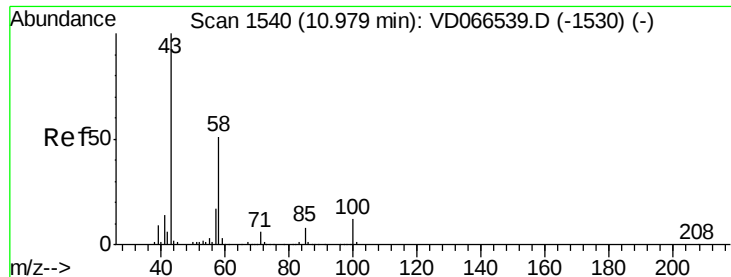
MMDadoda
 9/11/2020 10:17:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.274 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.0	33.0





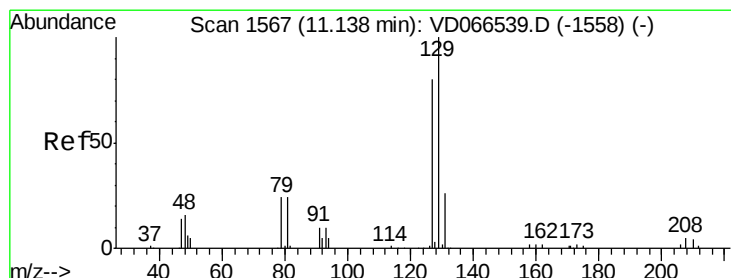
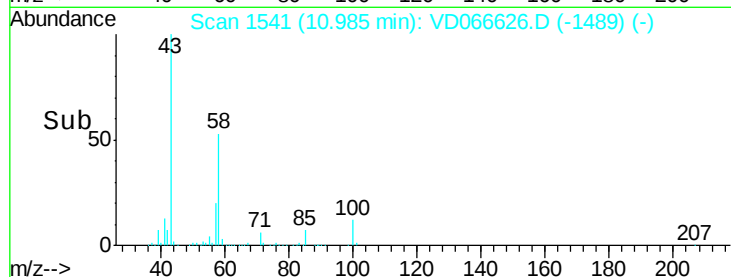
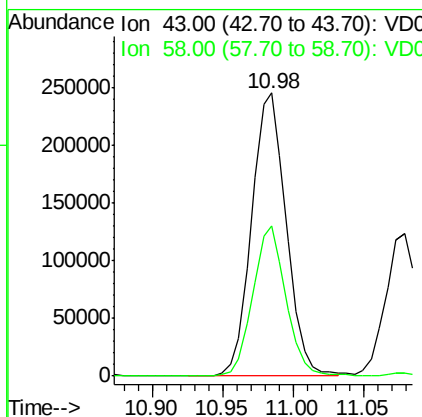
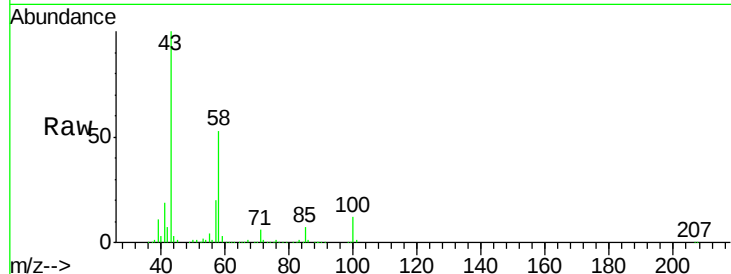
#59
2-Hexanone
Concen: 291.690 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 421949
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.8

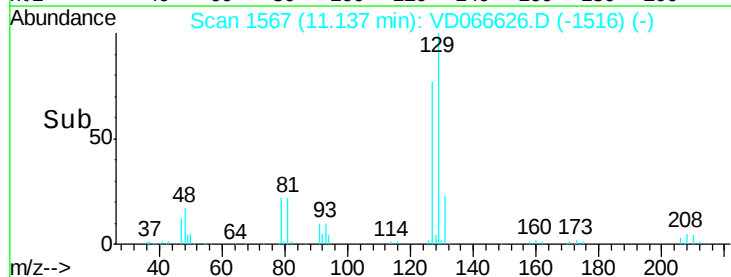
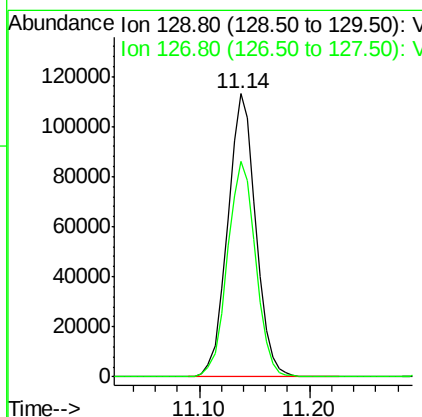
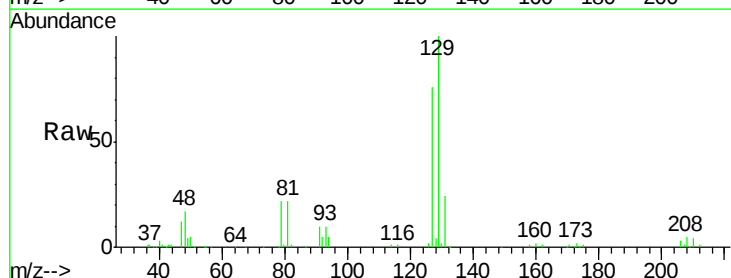
Manual Integrations
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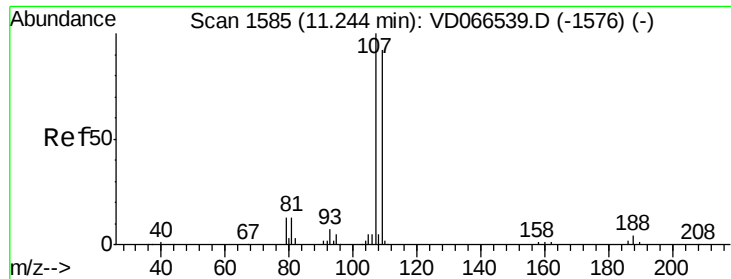
MMDadoda
9/11/2020 10:17:59 AM



#60
Dibromochloromethane
Concen: 55.858 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 129 Resp: 201713
Ion Ratio Lower Upper
129 100
127 76.3 39.5 118.3





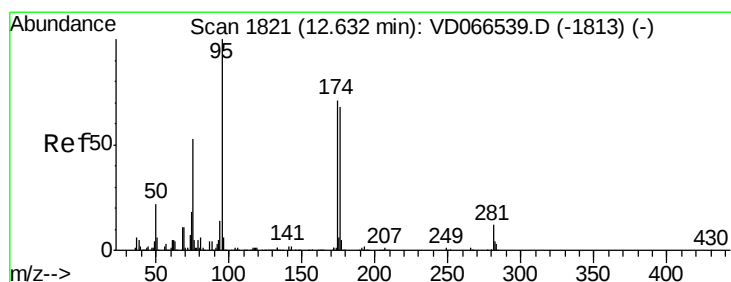
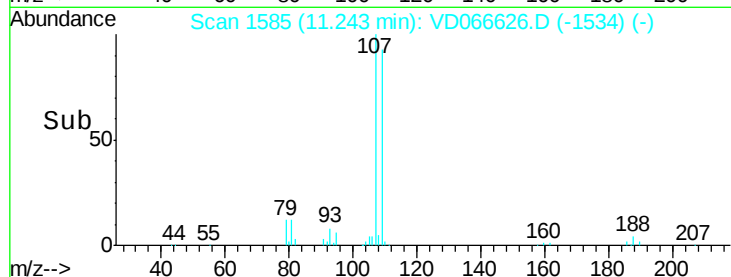
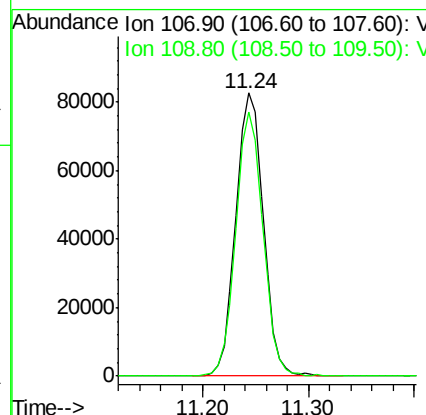
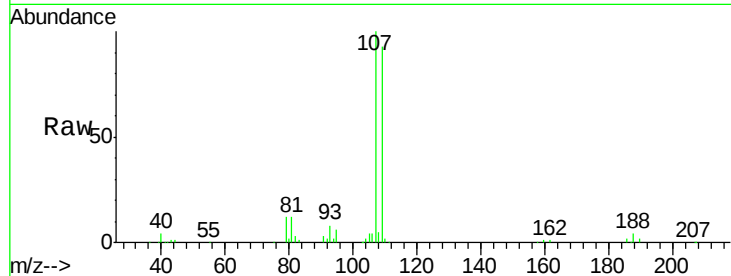
#61
 1,2-Dibromoethane
 Concen: 56.152 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	74.4	111.6

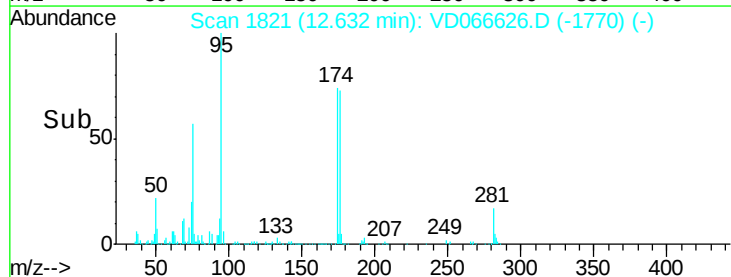
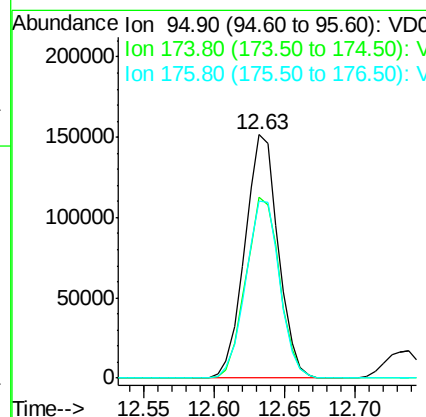
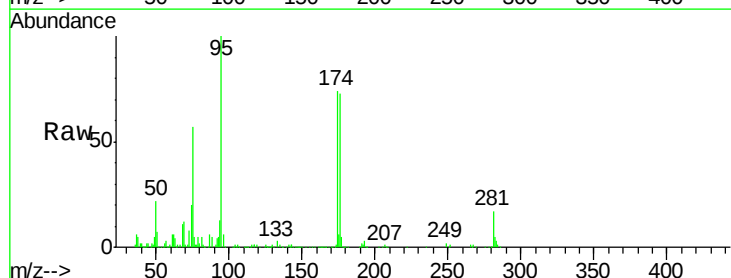
Manual Integrations
 APPROVED

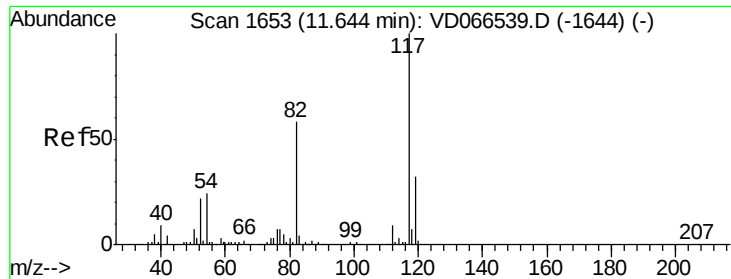
MMDadoda
 9/11/2020 10:17:59 AM



#62
 4-Bromofluorobenzene
 Concen: 58.594 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	155.8
176	74.0	0.0	148.6





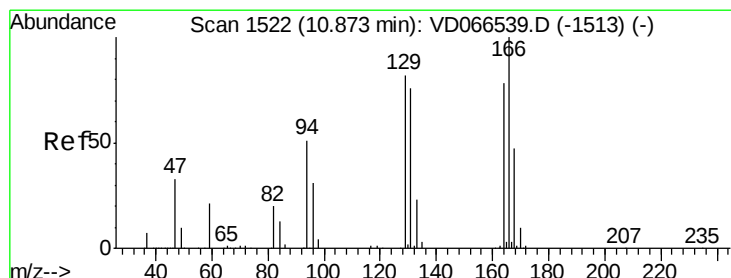
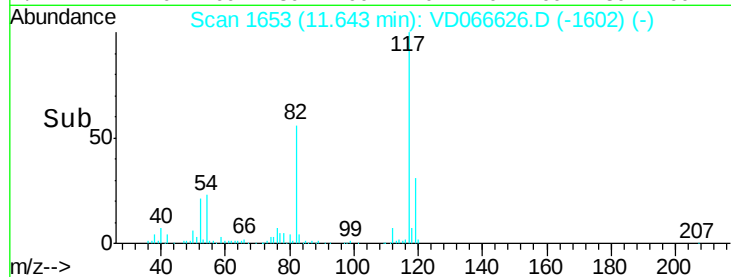
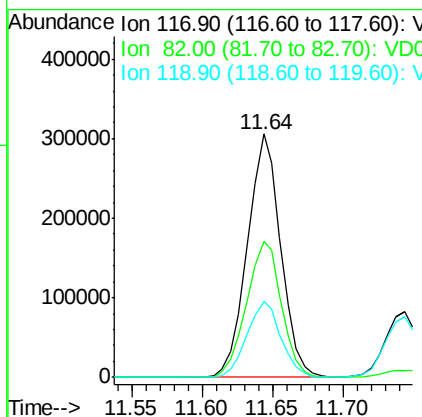
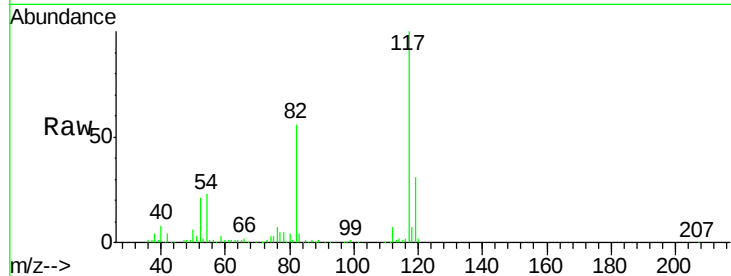
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	507715		
82	55.9	46.2	69.2	
119	31.3	25.8	38.8	

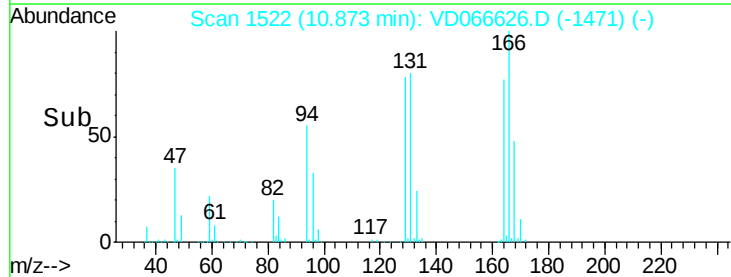
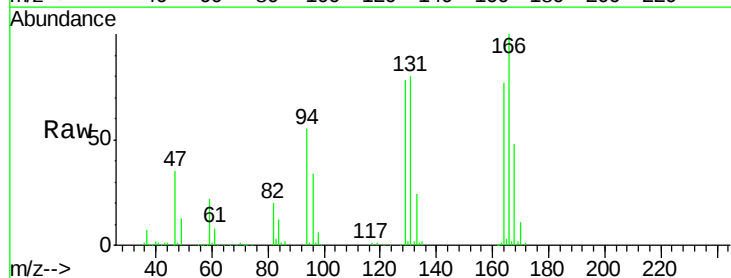
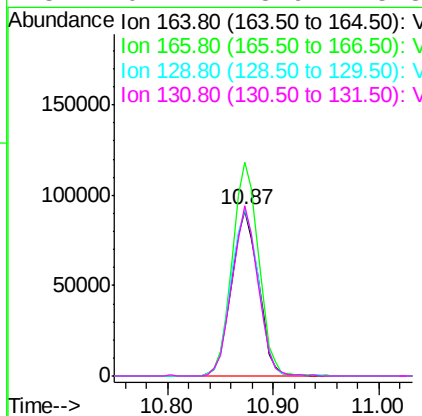
Manual Integrations
APPROVED

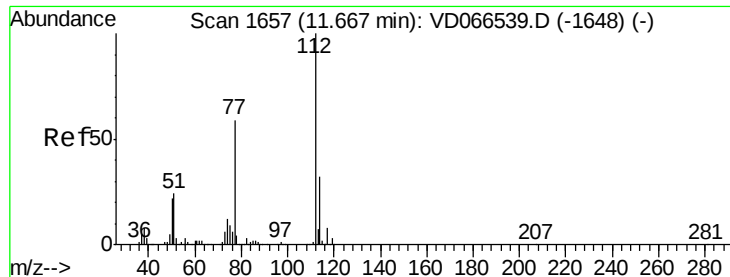
MMDadoda
9/11/2020 10:17:59 AM



#64
Tetrachloroethene
Concen: 47.108 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161036		
166	129.2	103.2	154.8	
129	100.9	84.5	126.7	
131	102.7	78.9	118.3	





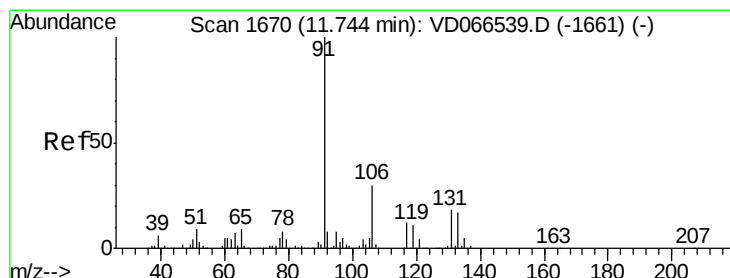
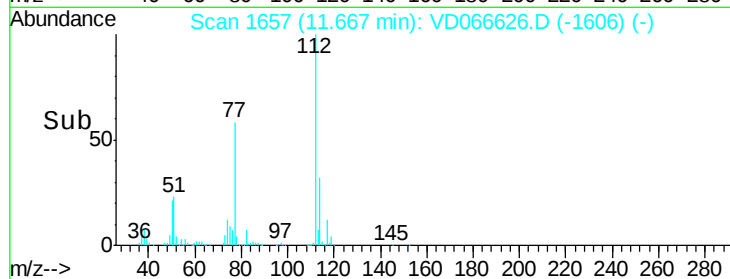
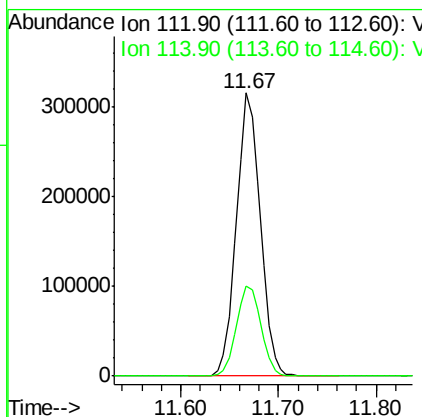
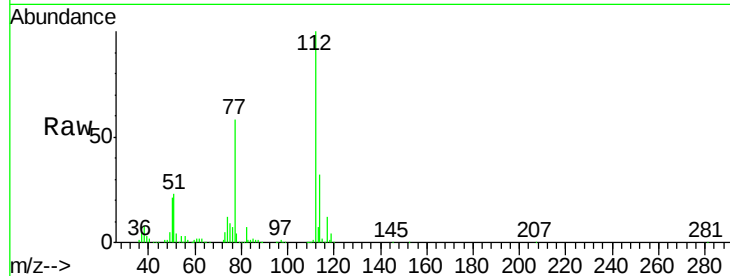
#65
Chlorobenzene
Concen: 51.183 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

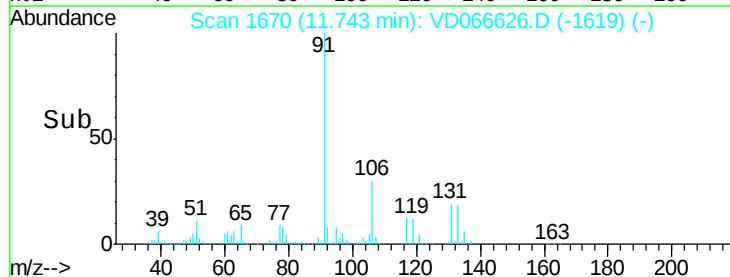
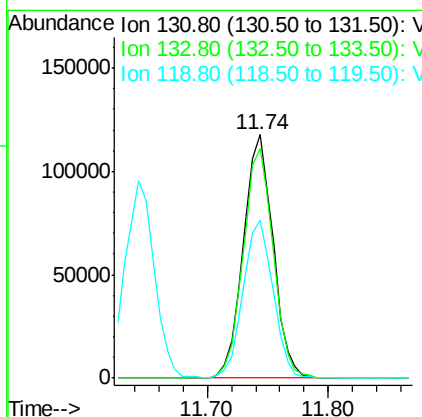
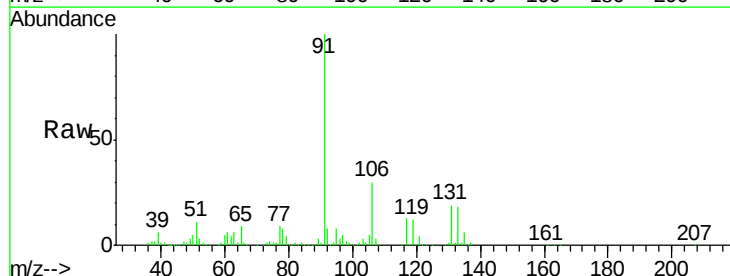
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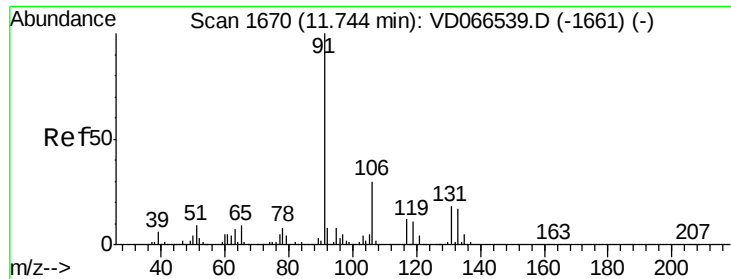
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.955 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	46.7	140.0
119	65.2	31.9	95.7





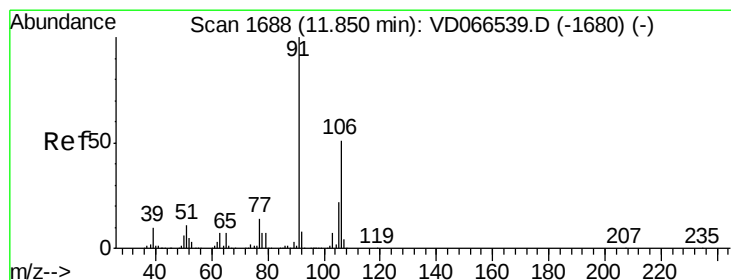
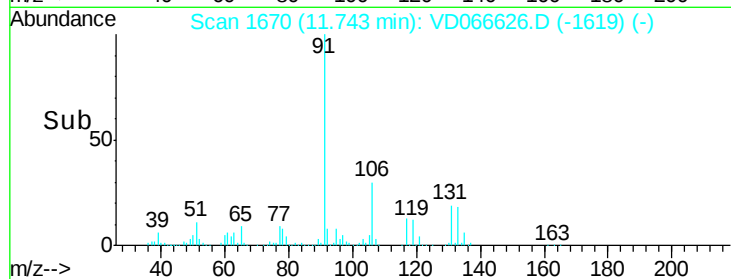
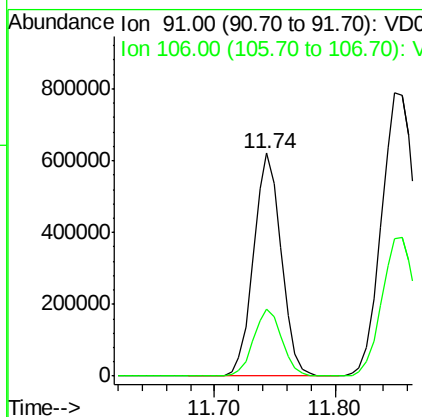
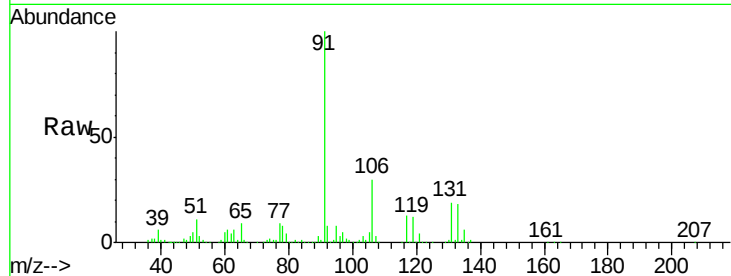
#67
Ethyl Benzene
Concen: 51.688 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 994534
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

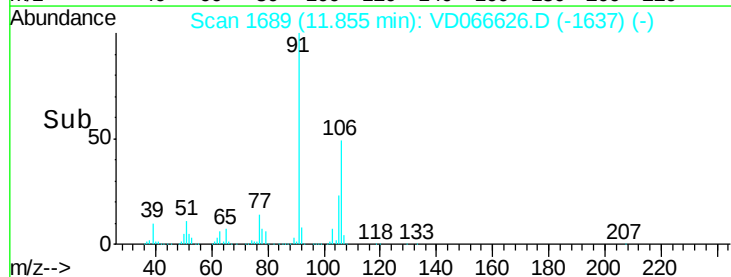
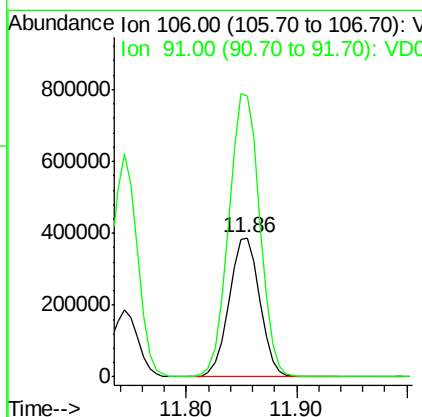
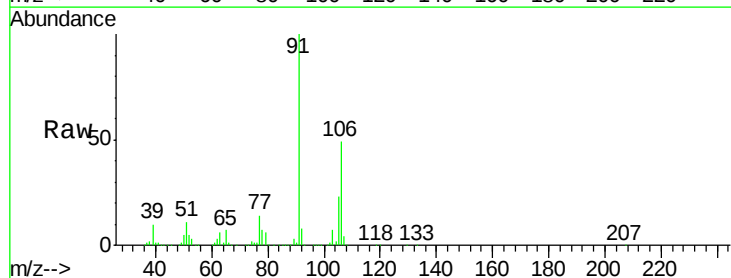
Manual Integrations
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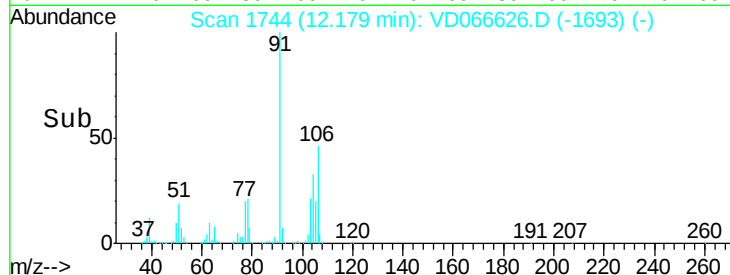
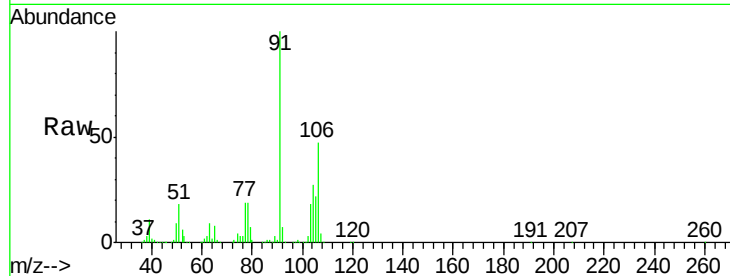
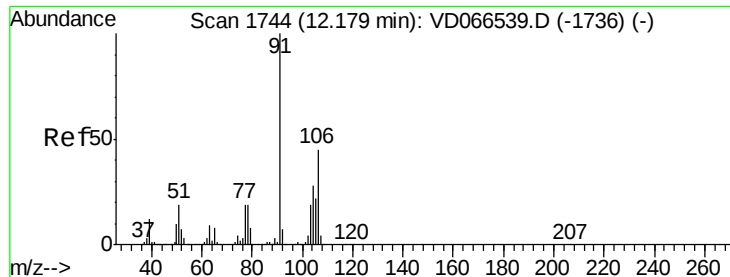
MMDadoda
9/11/2020 10:17:59 AM



#68
m/p-Xylenes
Concen: 105.468 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion: 106 Resp: 753495
Ion Ratio Lower Upper
106 100
91 205.5 162.4 243.6





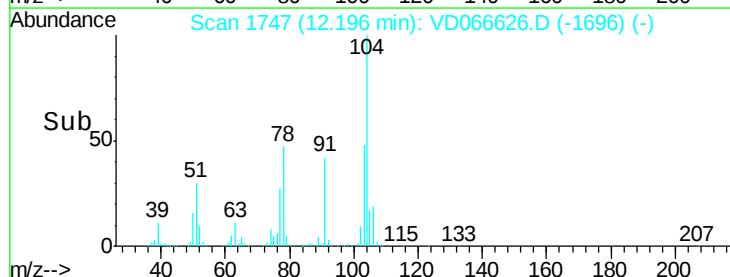
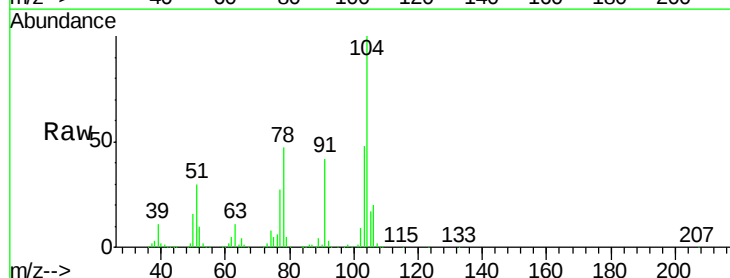
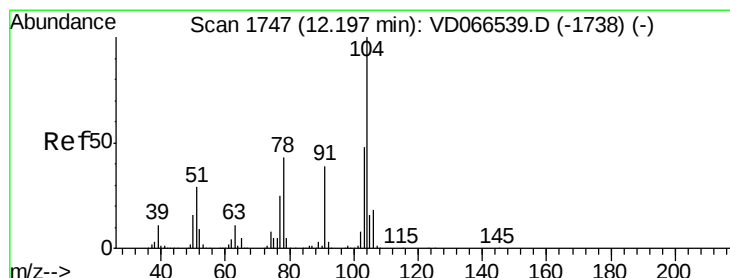
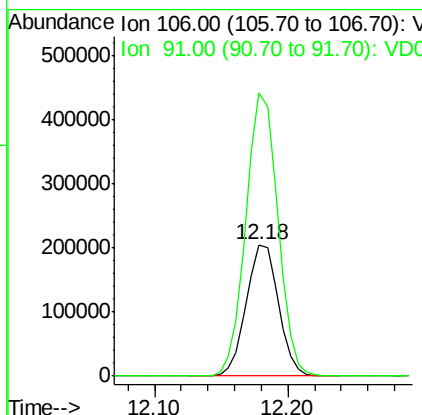
#69
o-Xylene
Concen: 53.512 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 342623
Ion Ratio Lower Upper
106 100
91 214.3 107.9 323.8

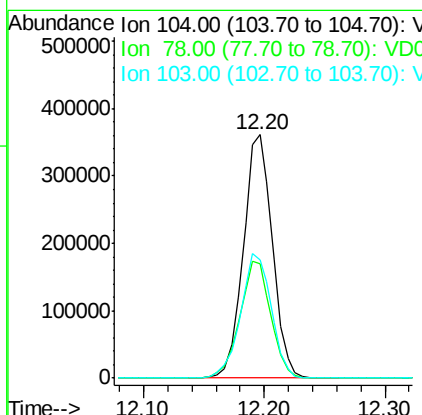
Manual Integrations
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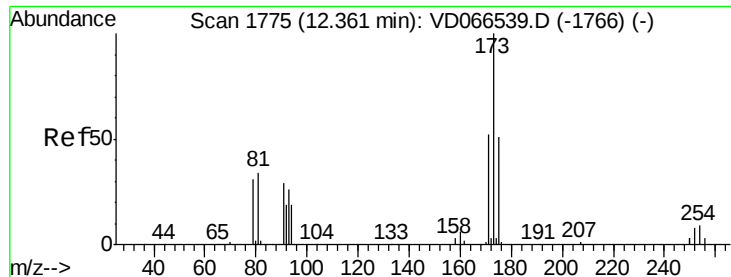
MMDadoda
9/11/2020 10:17:59 AM



#70
Styrene
Concen: 54.401 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion:104 Resp: 605549
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 54.3 42.9 64.3





#71

Bromoform

Concen: 52.468 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 105750

Ion Ratio Lower Upper

173 100

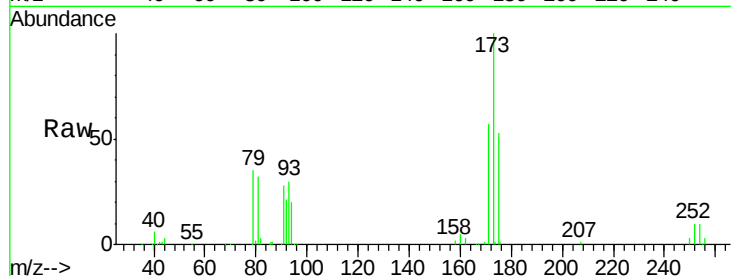
175 49.0 24.2 72.6

254 0.1 0.0 0.0#

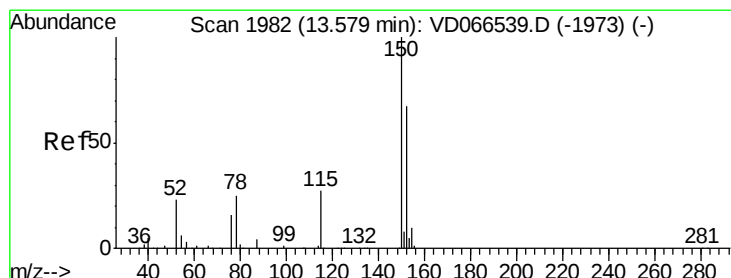
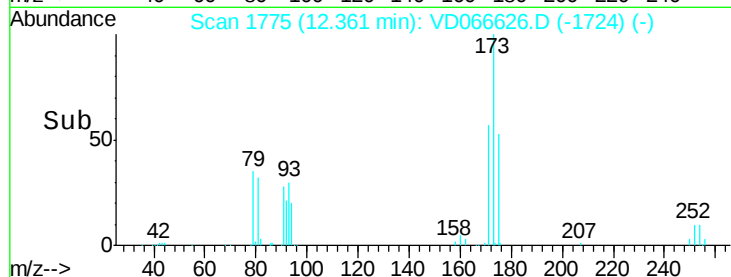
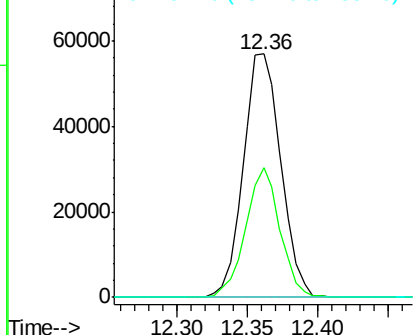
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

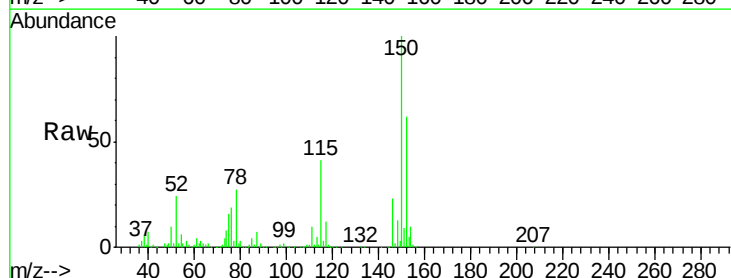
Tgt Ion:152 Resp: 241003

Ion Ratio Lower Upper

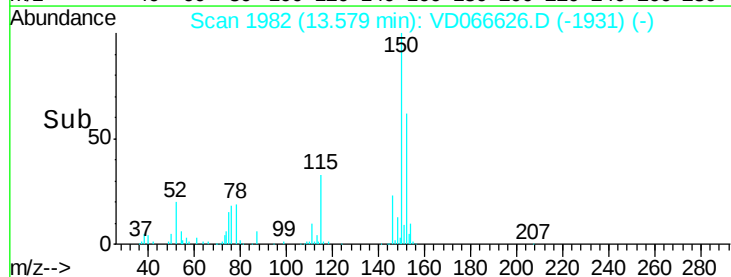
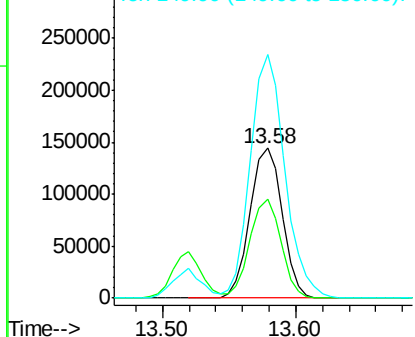
152 100

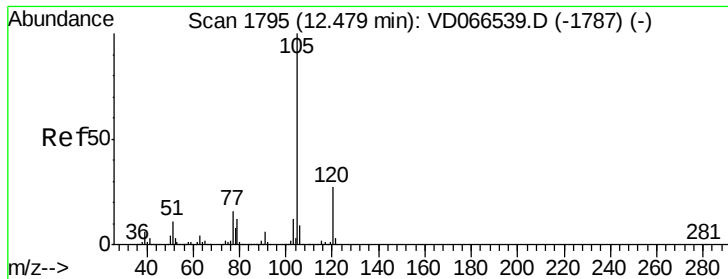
115 63.4 30.4 91.2

150 173.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.943 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 926844

Ion Ratio Lower Upper

105 100

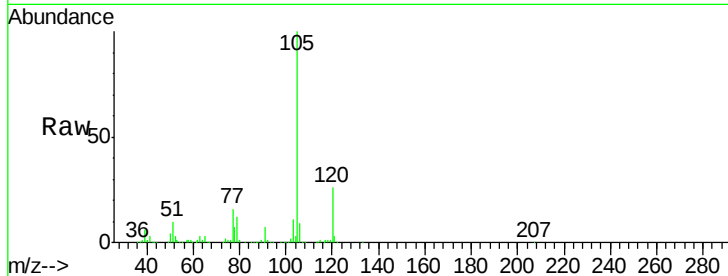
120 26.2 13.0 39.0

Manual Integrations

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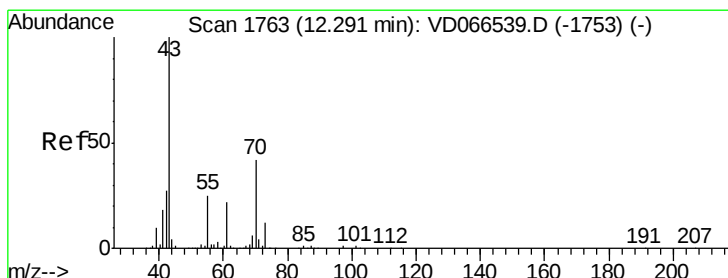
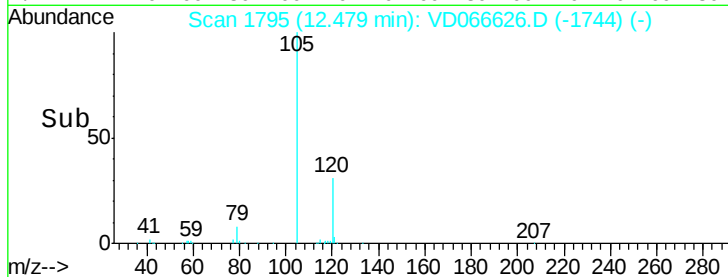
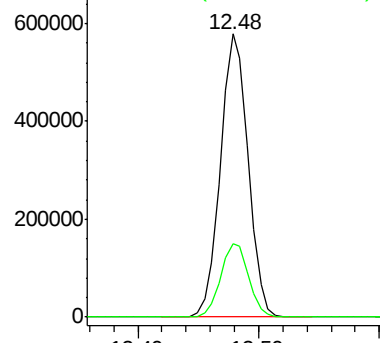
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.335 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion: 43 Resp: 219587

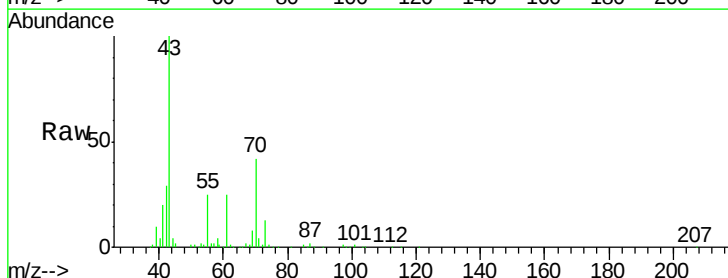
Ion Ratio Lower Upper

43 100

70 41.9 33.4 50.2

55 25.8 20.1 30.1

61 23.8 18.2 27.2

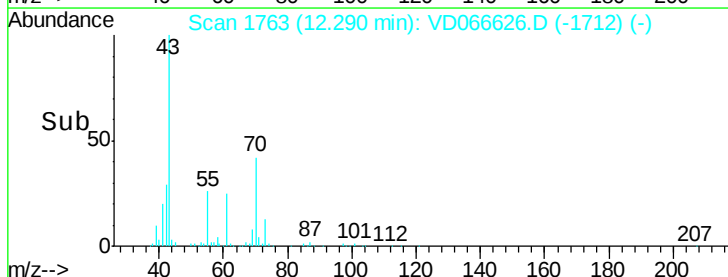
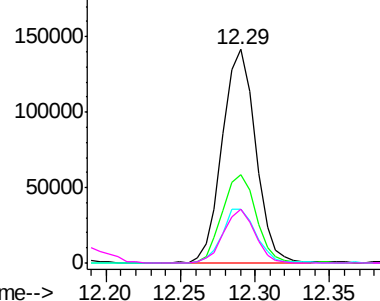


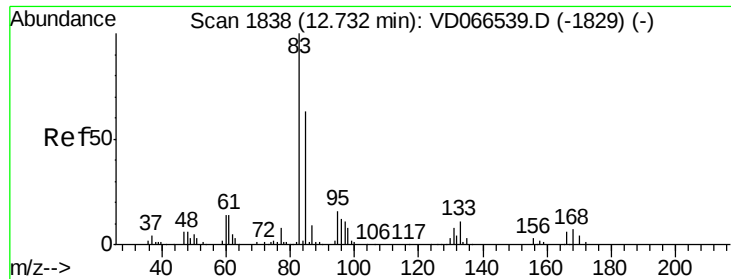
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.690 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

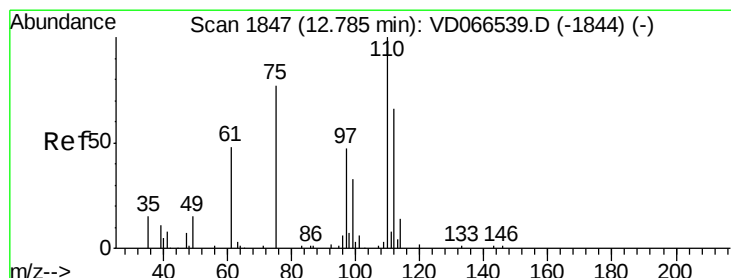
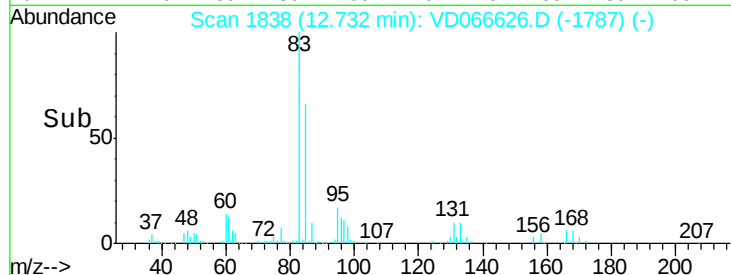
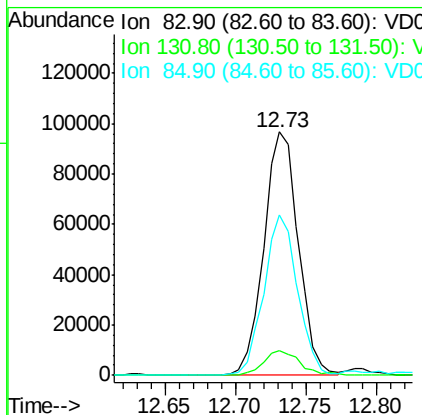
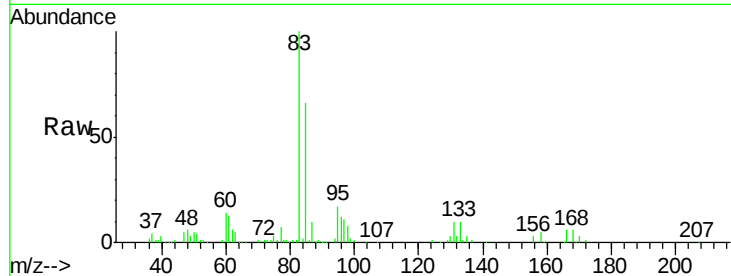
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	166099
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	15.0
85	64.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.980 ug/l m

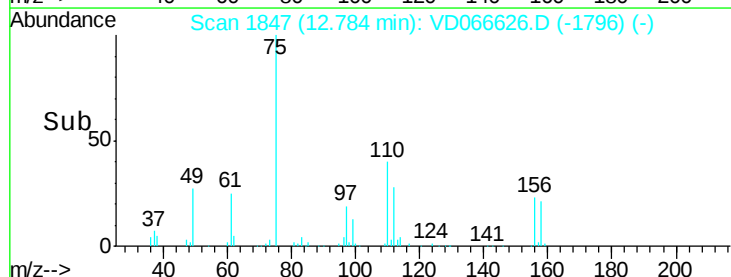
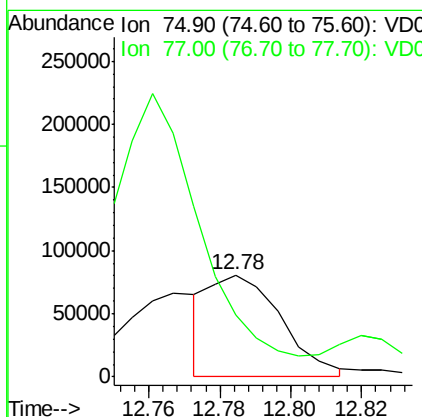
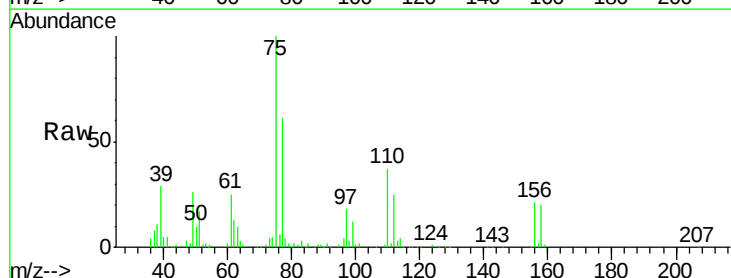
RT: 12.78 min Scan# 1847

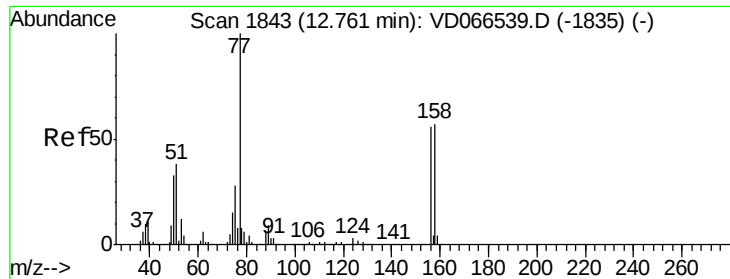
Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:	75	Resp:	113527
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.921 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 210527

Ion Ratio Lower Upper

156 100

77 194.9 98.0 294.1

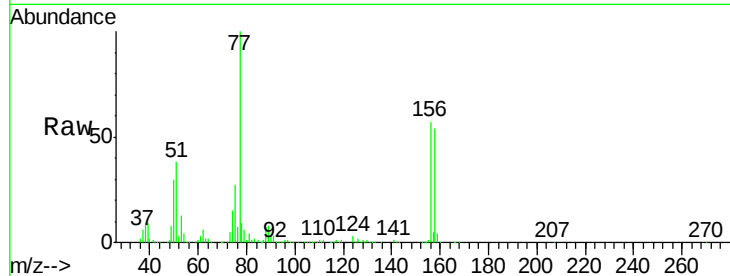
158 95.2 48.1 144.3

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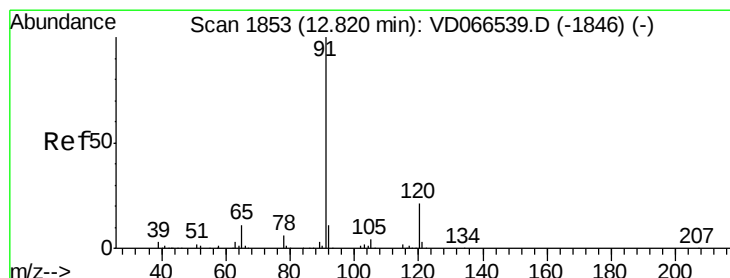
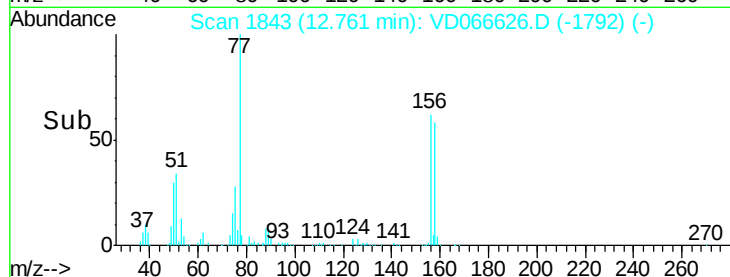
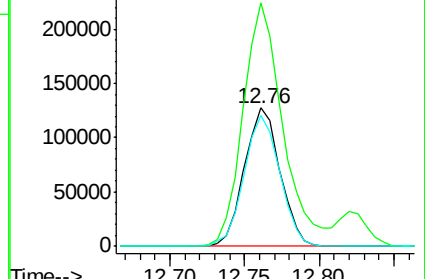
9/11/2020 10:17:59 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.686 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066626.D

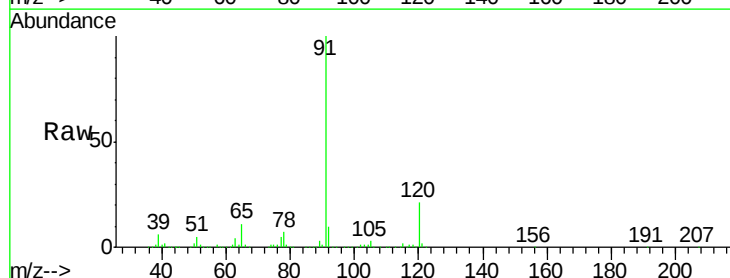
Acq: 10 Sep 2020 19:50

Tgt Ion: 91 Resp: 1118013

Ion Ratio Lower Upper

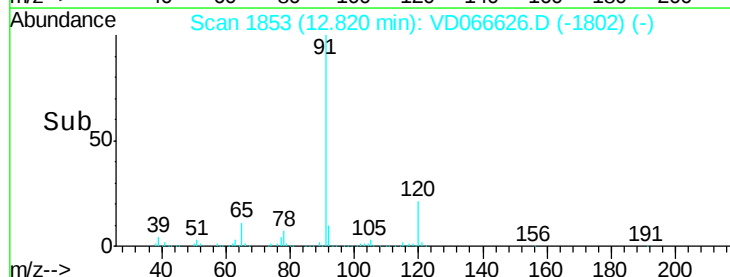
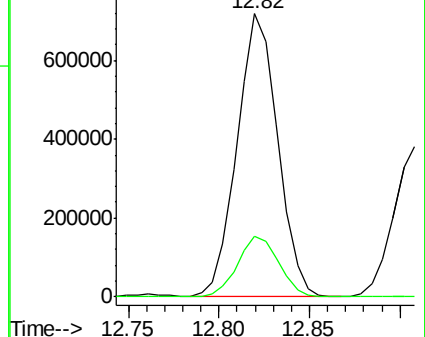
91 100

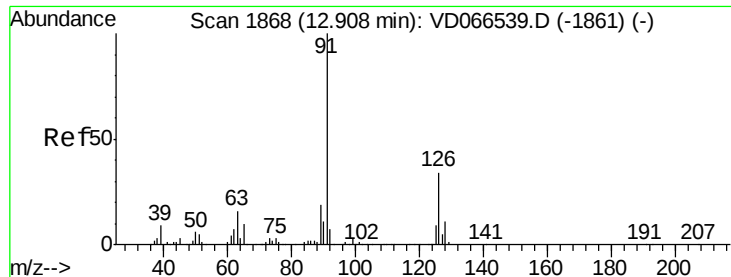
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.928 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 630142

Ion Ratio Lower Upper

91 100

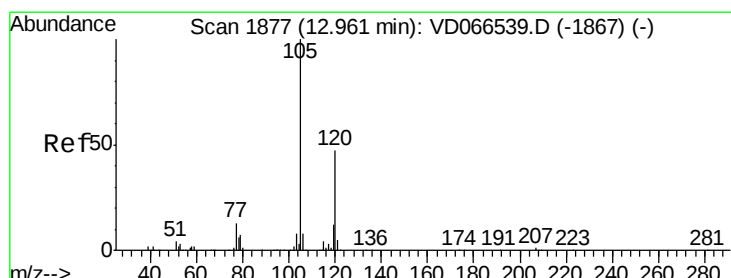
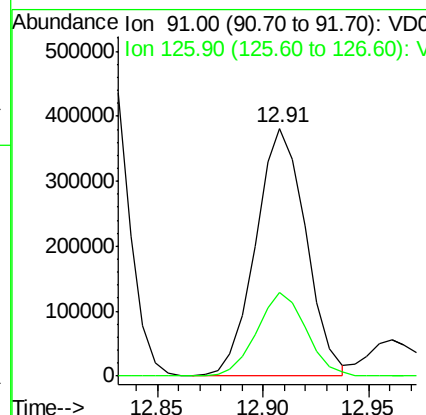
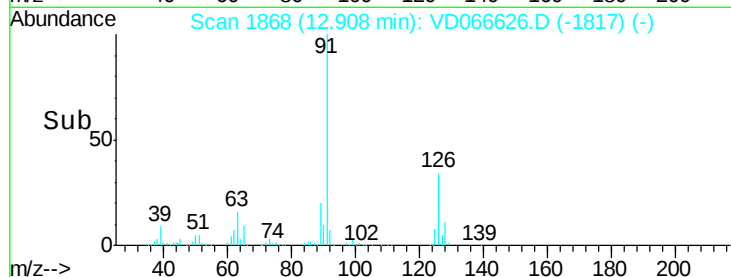
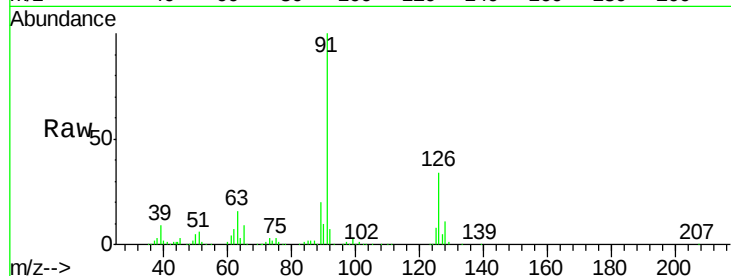
126 33.1 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 52.029 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066626.D

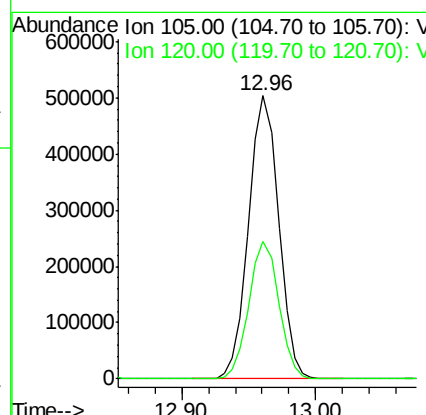
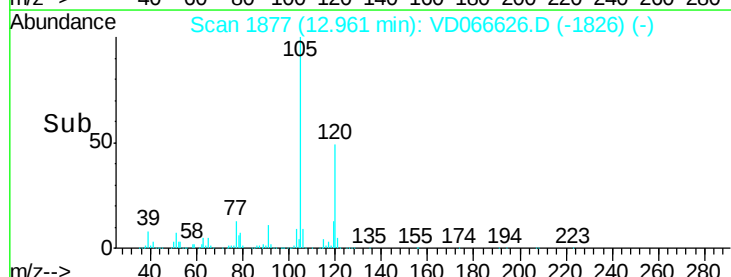
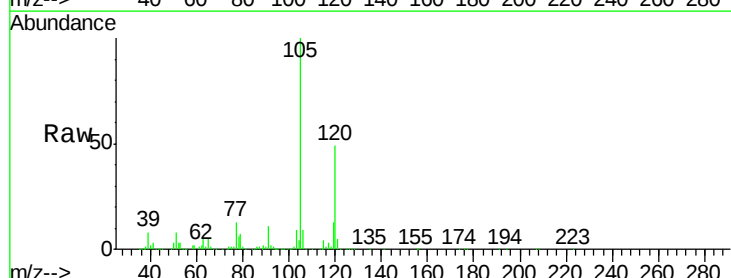
Acq: 10 Sep 2020 19:50

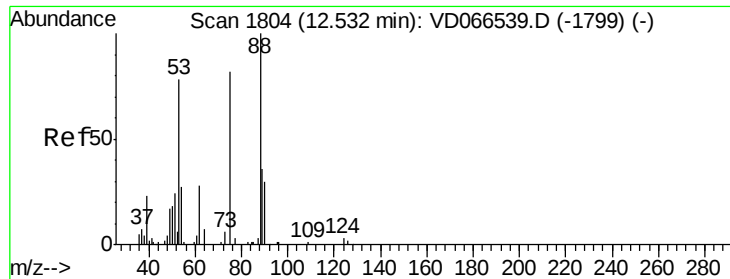
Tgt Ion:105 Resp: 781398

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.547 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

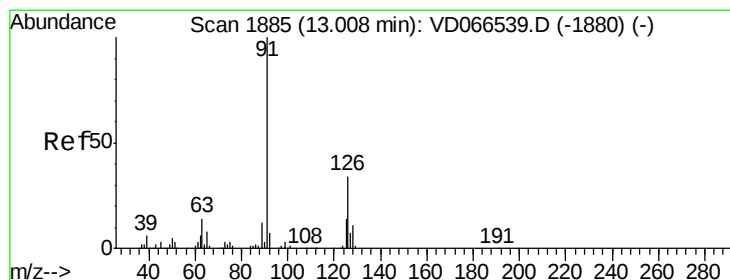
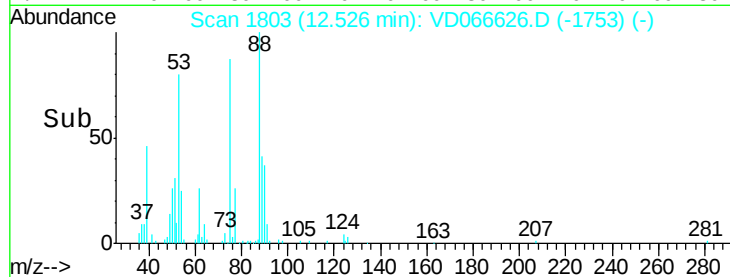
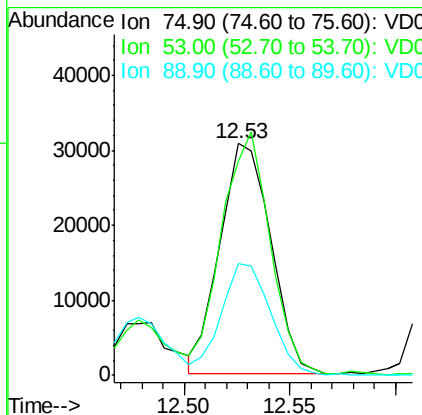
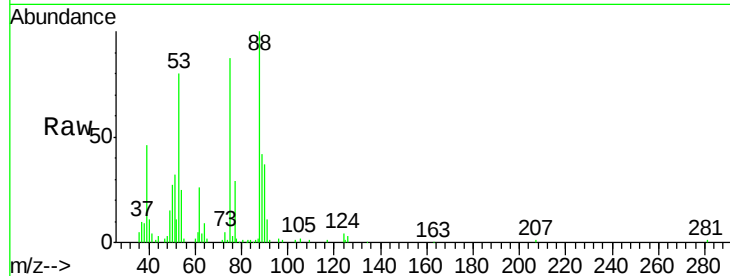
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	51175
Ion Ratio	Lower	Upper	
75	100		
53	100.5	87.0	130.4
89	47.6	37.1	55.7

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#82

4-Chlorotoluene

Concen: 51.059 ug/l

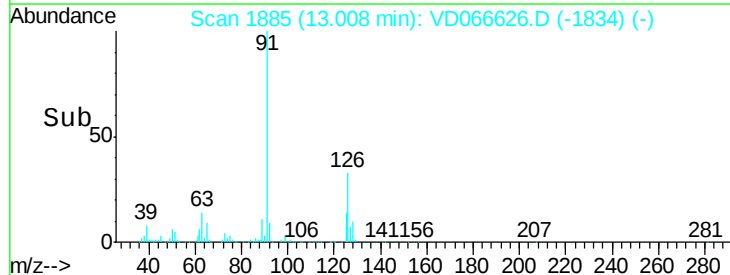
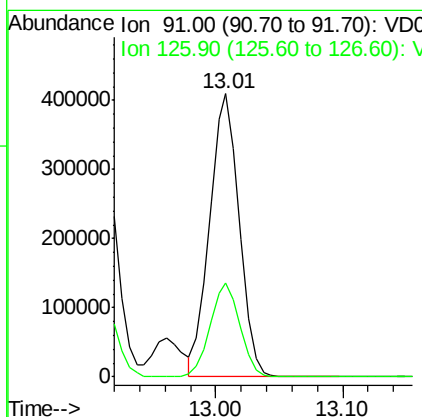
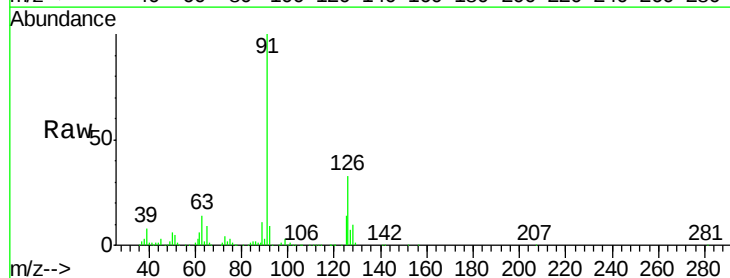
RT: 13.01 min Scan# 1885

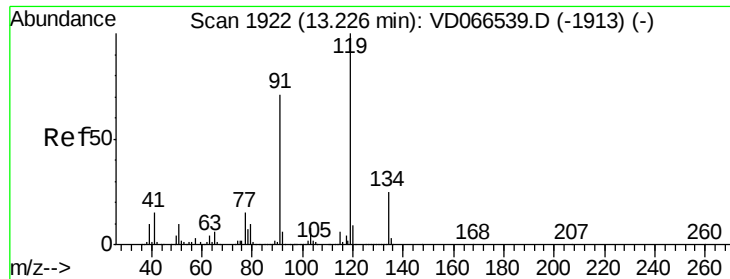
Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Tgt Ion:	91	Resp:	662570
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.4	49.1





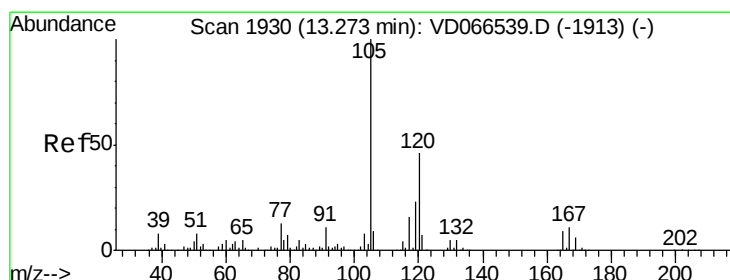
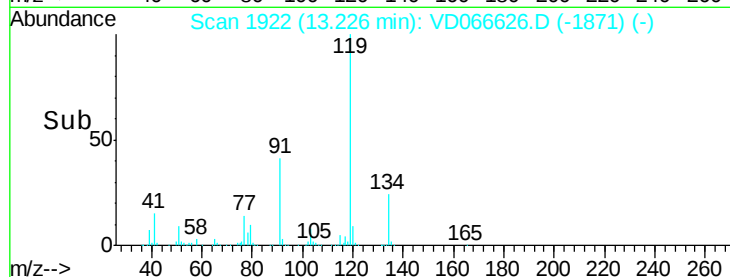
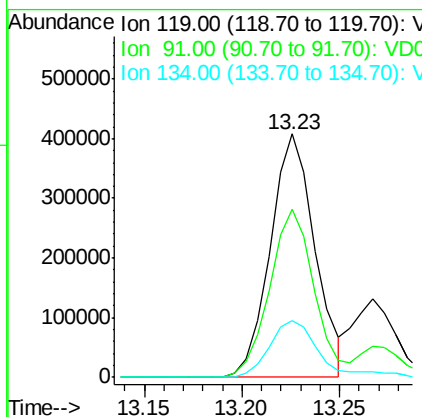
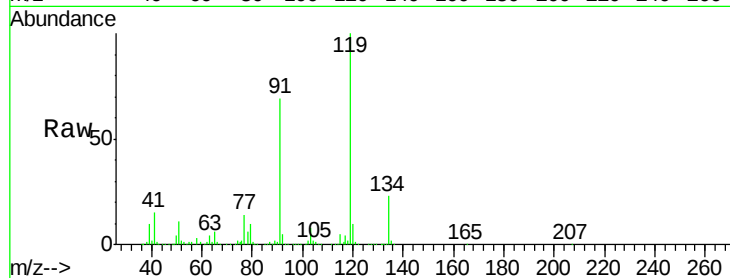
#83
tert-Butylbenzene
Concen: 52.481 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.5	35.2	105.6
134	26.3	13.5	40.5

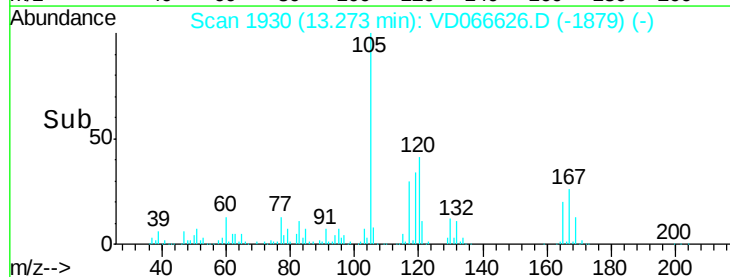
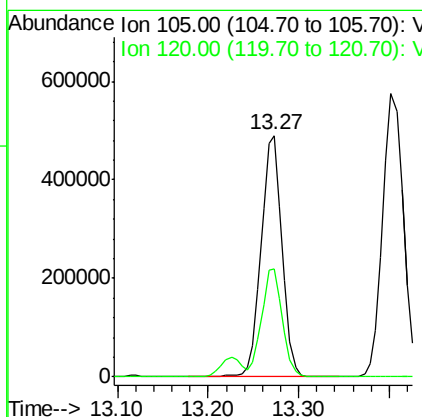
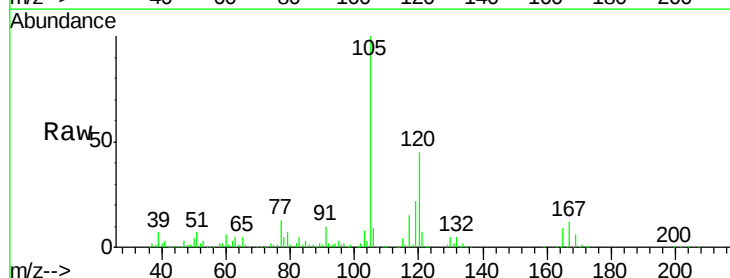
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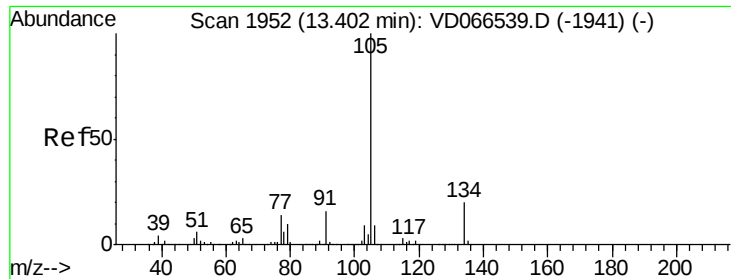
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#84
1,2,4-Trimethylbenzene
Concen: 52.597 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.6	67.7





#85

sec-Butylbenzene

Concen: 51.629 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 912256

Ion Ratio Lower Upper

105 100

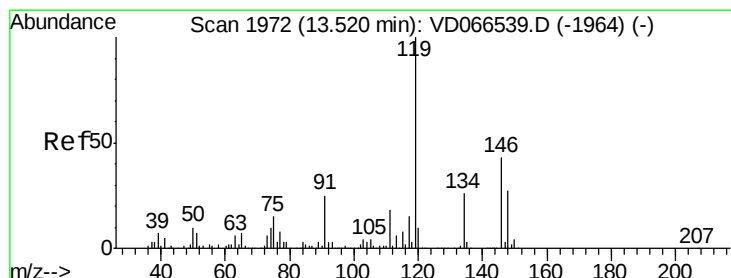
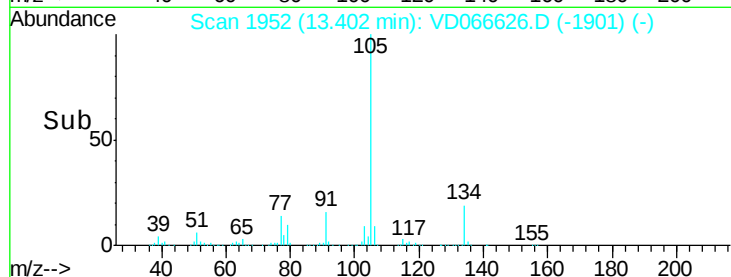
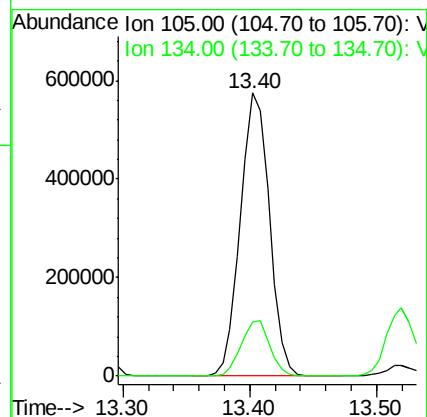
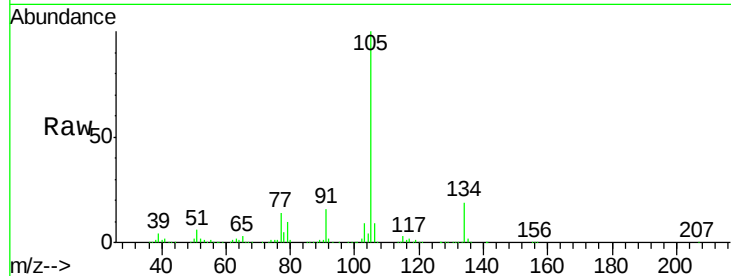
134 19.5 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 52.668 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066626.D

Acq: 10 Sep 2020 19:50

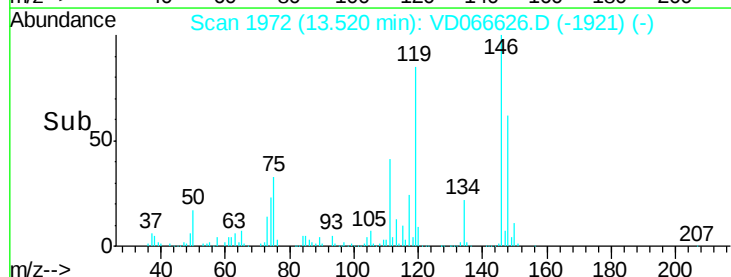
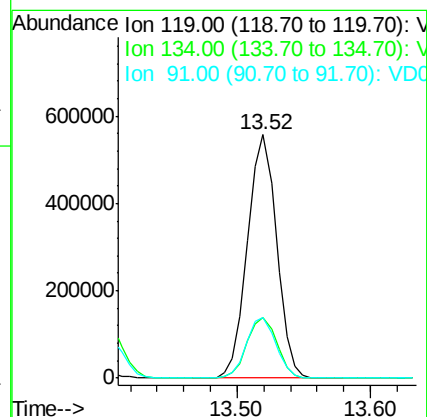
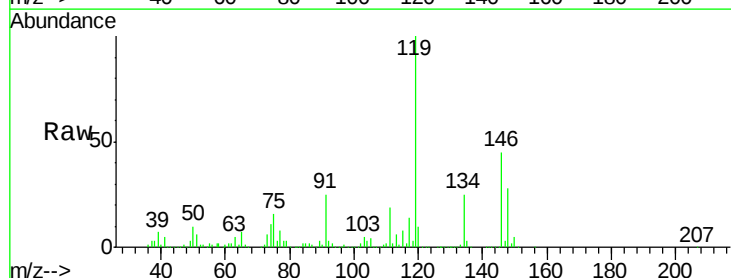
Tgt Ion:119 Resp: 837624

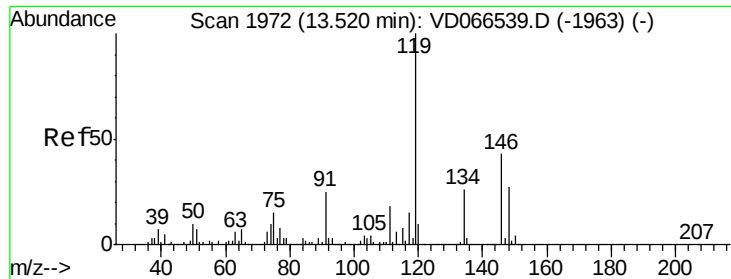
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 25.2 12.5 37.5





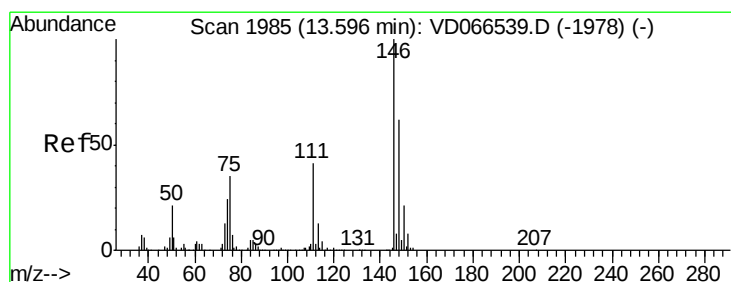
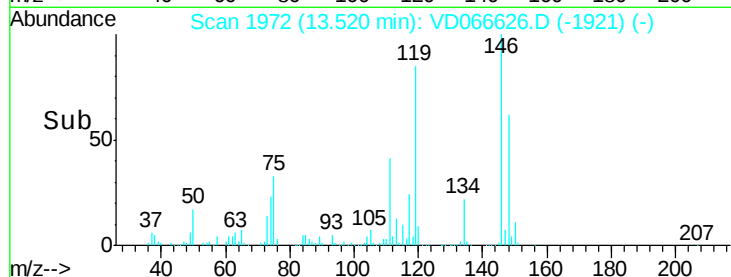
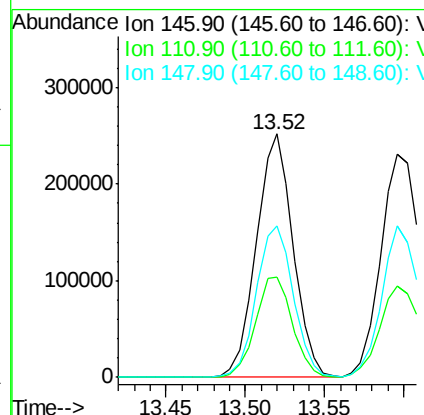
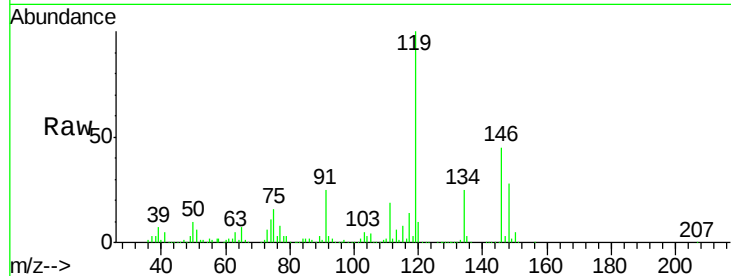
#87
 1,3-Dichlorobenzene
 Concen: 51.395 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	405896		
111	41.7	20.6	61.9	
148	62.8	32.1	96.3	

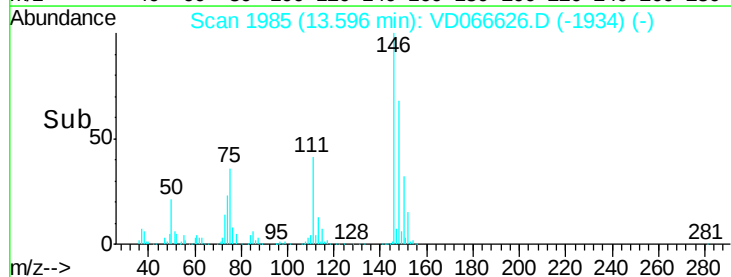
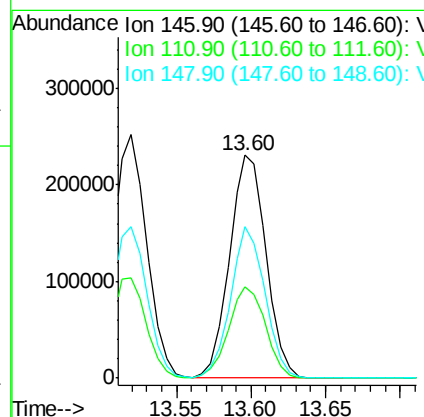
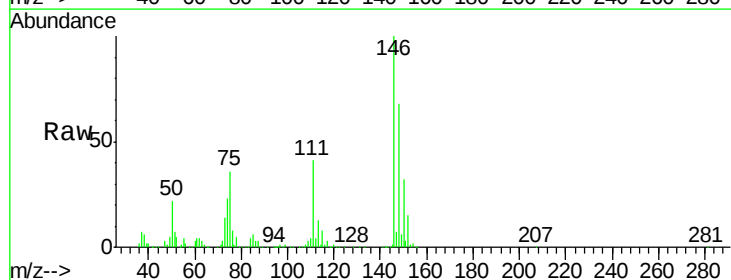
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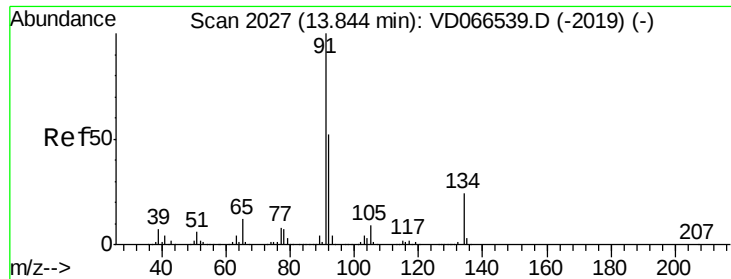
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#88
 1,4-Dichlorobenzene
 Concen: 49.680 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	393800		
111	41.4	20.1	60.2	
148	64.0	31.6	94.8	





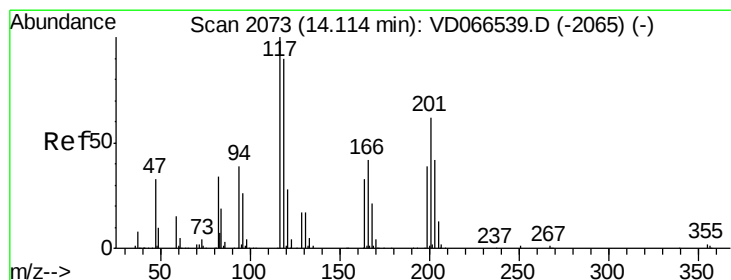
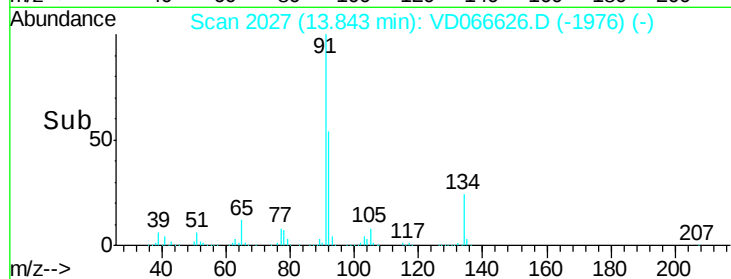
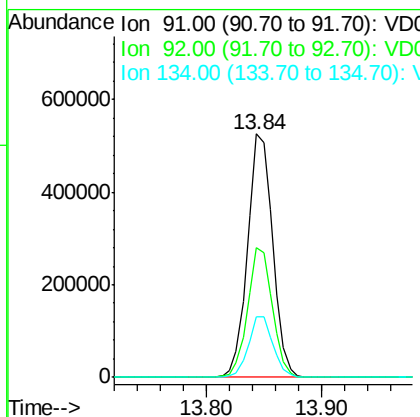
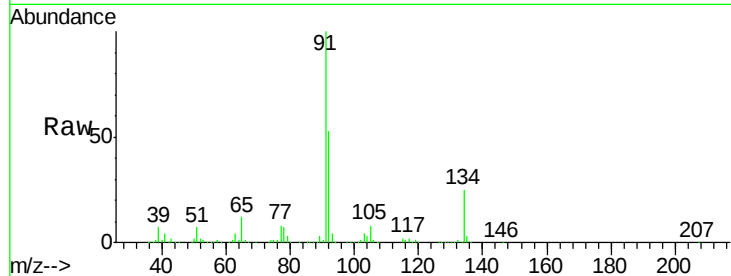
#89
n-Butylbenzene
Concen: 51.295 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	794954		
92	52.3	26.5	79.5	
134	24.4	12.1	36.3	

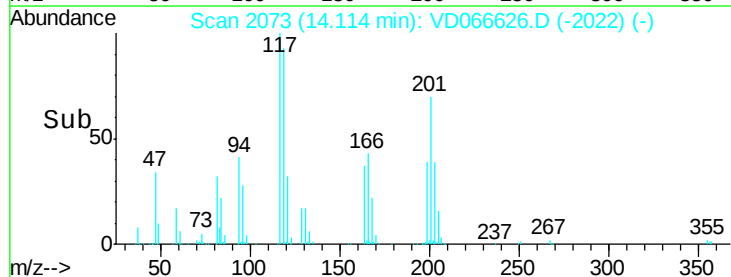
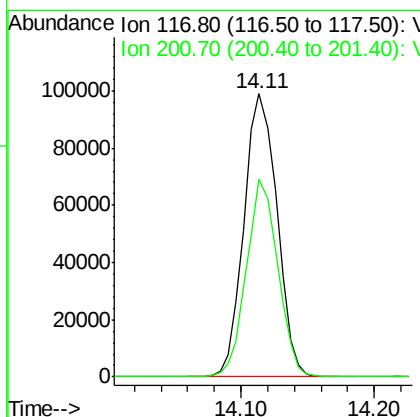
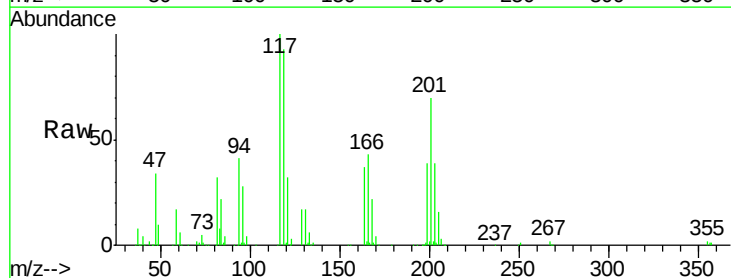
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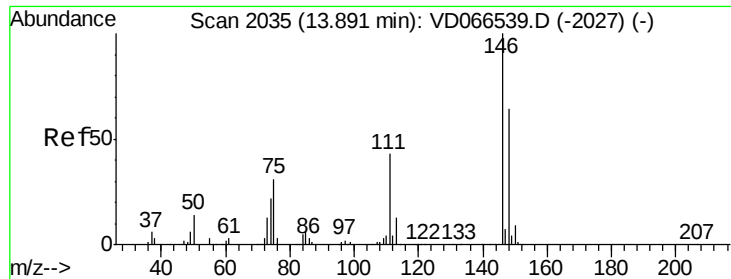
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#90
Hexachloroethane
Concen: 49.468 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169512		
201	66.3	31.9	95.5	





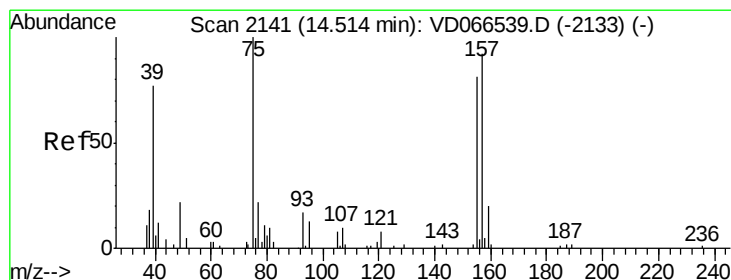
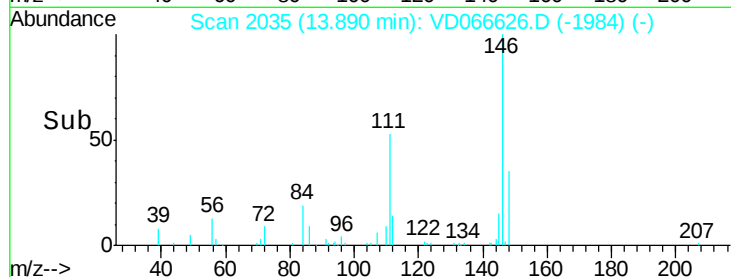
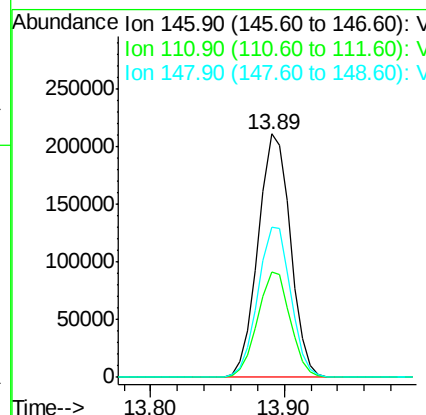
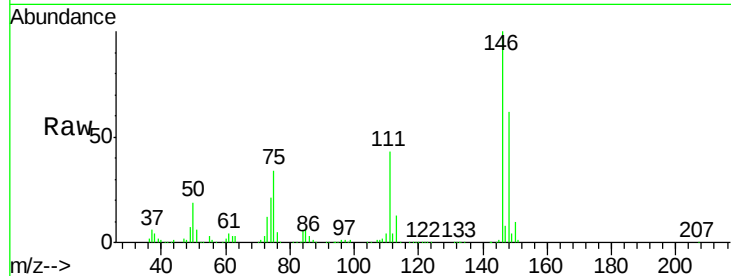
#91
 1,2-Dichlorobenzene
 Concen: 51.182 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.4
148	62.8	31.8	95.3

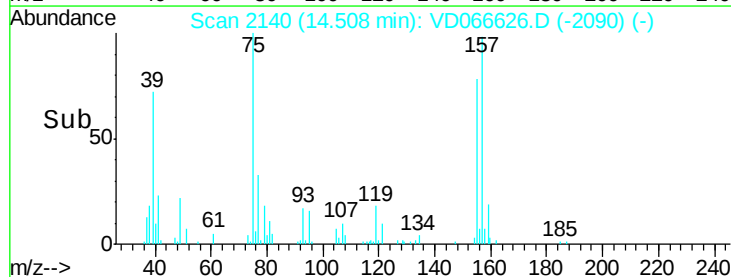
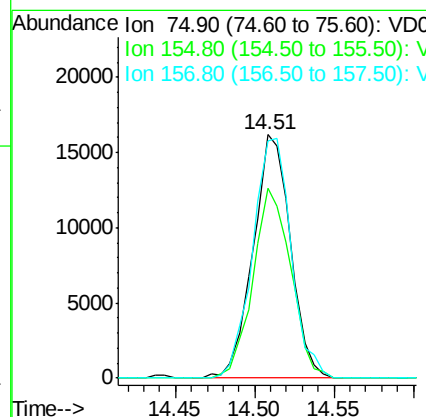
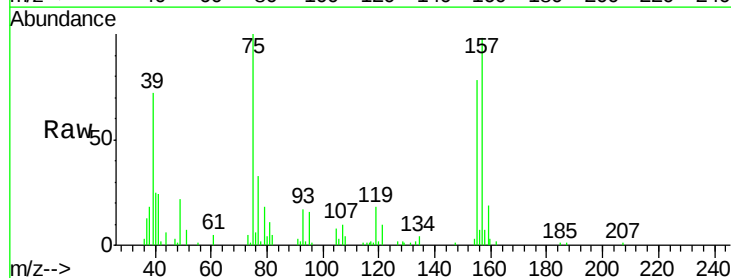
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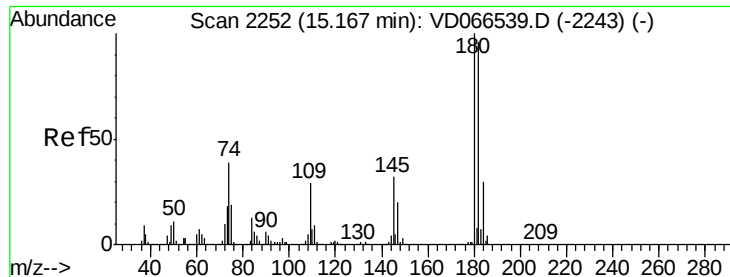
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 9/11/2020 10:17:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.565 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	39.3	117.8
157	101.4	46.0	137.8





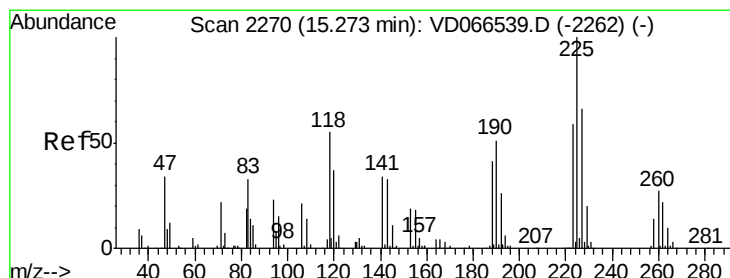
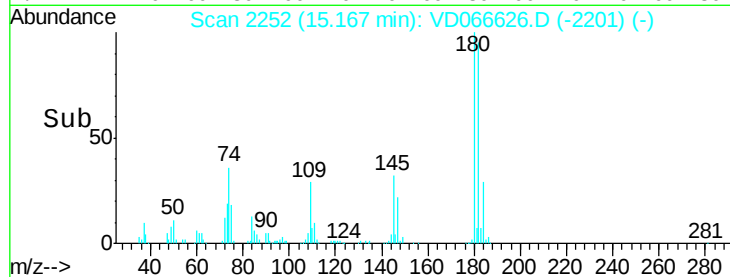
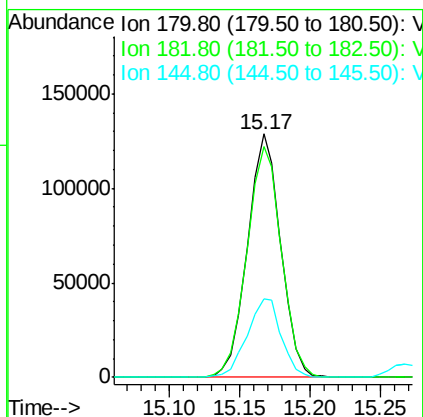
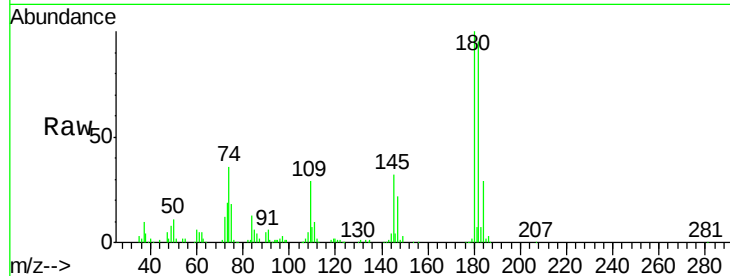
#93
 1,2,4-Trichlorobenzene
 Concen: 51.281 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212447		
182	98.6	48.4	145.0	
145	33.2	16.7	50.0	

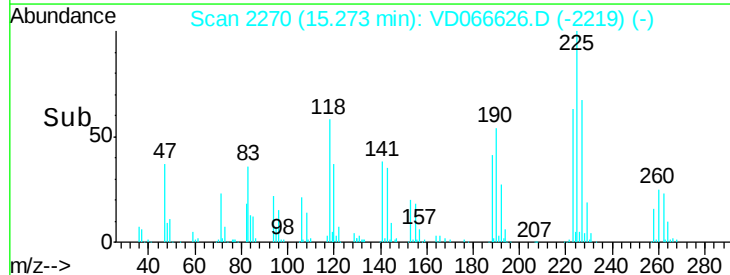
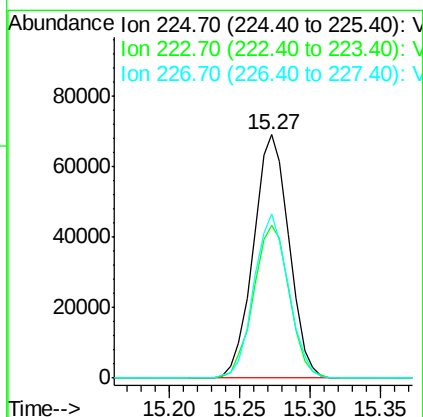
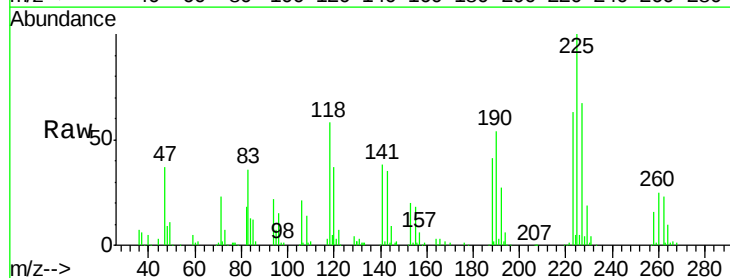
Manual Integrations
 APPROVED

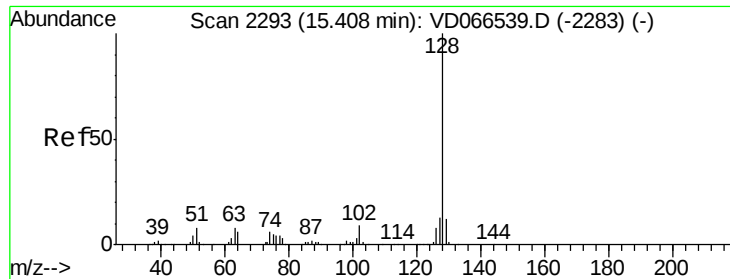
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#94
 Hexachlorobutadiene
 Concen: 49.242 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066626.D
 Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122557		
223	63.0	30.5	91.5	
227	65.2	32.4	97.2	





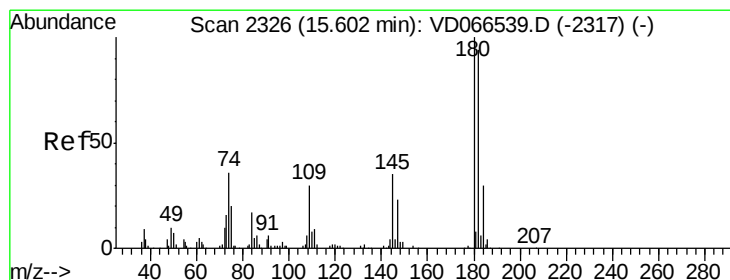
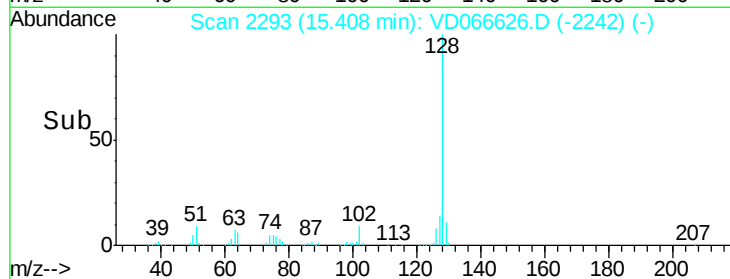
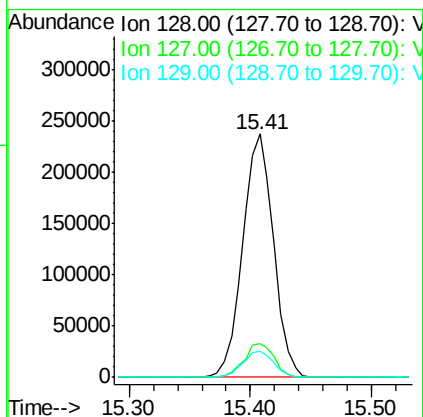
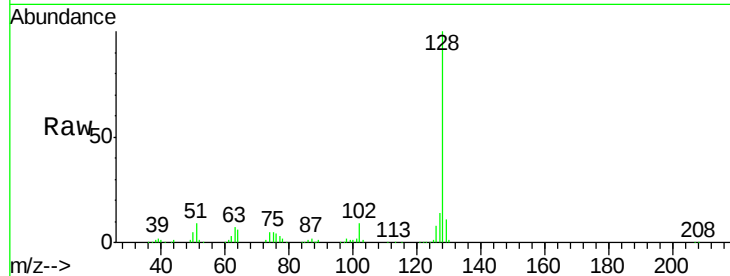
#95
Naphthalene
Concen: 58.200 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	11.1	9.1	13.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.296 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066626.D
Acq: 10 Sep 2020 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	33.3	17.3	51.7

