

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066472.D
 Acq On : 28 Aug 2020 20:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:58:36 AM

Quant Time: Aug 29 02:16:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	162057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	234909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	221090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	92108	57.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.94%	
35) Dibromofluoromethane	7.91	113	75253	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.34	98	274214	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.63	95	98257	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58657	42.575	ug/l	97
3) Chloromethane	2.20	50	42259	43.272	ug/l	95
4) Vinyl Chloride	2.34	62	48618	46.368	ug/l	95
5) Bromomethane	2.75	94	40936	52.196	ug/l	93
6) Chloroethane	2.92	64	32784	48.829	ug/l	94
7) Trichlorofluoromethane	3.27	101	139779	49.024	ug/l	99
8) Diethyl Ether	3.70	74	31882	49.906	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	61067	43.399	ug/l	97
10) Methyl Iodide	4.29	142	72745	45.328	ug/l	94
11) Tert butyl alcohol	5.21	59	23258	256.517	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	58687	44.432	ug/l	90
13) Acrolein	3.92	56	15334	217.341	ug/l	97
14) Allyl chloride	4.71	41	77668	44.056	ug/l	87
15) Acrylonitrile	5.41	53	67403	262.969	ug/l	97
16) Acetone	4.16	43	61420	214.429	ug/l	93
17) Carbon Disulfide	4.40	76	170365	42.561	ug/l	96
18) Methyl Acetate	4.71	43	27408	50.983	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	180018	56.602	ug/l	99
20) Methylene Chloride	4.96	84	77007	50.355	ug/l #	92
21) trans-1,2-Dichloroethene	5.46	96	72410	47.096	ug/l	96
22) Diisopropyl ether	6.36	45	159782	46.812	ug/l #	92
23) Vinyl Acetate	6.30	43	509930	241.324	ug/l	97
24) 1,1-Dichloroethane	6.26	63	117935	48.893	ug/l	97
25) 2-Butanone	7.21	43	77750	239.102	ug/l	97
26) 2,2-Dichloropropane	7.20	77	121585	47.030	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	83761	50.843	ug/l	97
28) Bromochloromethane	7.54	49	43500	52.355	ug/l #	90
29) Tetrahydrofuran	7.56	42	44078	238.653	ug/l	90
30) Chloroform	7.71	83	148940	53.368	ug/l	98
31) Cyclohexane	7.98	56	83550	37.873	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	149121	52.208	ug/l	99
36) 1,1-Dichloropropene	8.10	75	95358	44.489	ug/l	98
37) Ethyl Acetate	7.28	43	36809	50.492	ug/l #	88
38) Carbon Tetrachloride	8.09	117	144320	51.681	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	110561	43.789	ug/l	94
40) Benzene	8.34	78	276146	48.974	ug/l	99
41) Methacrylonitrile	7.54	41	24677m	54.891	ug/l	
42) 1,2-Dichloroethane	8.42	62	112659	56.729	ug/l	99
43) Isopropyl Acetate	8.44	43	74201	50.711	ug/l	99
44) Trichloroethene	9.11	130	90181	49.220	ug/l	97
45) 1,2-Dichloropropane	9.38	63	58956	46.121	ug/l	91
46) Dibromomethane	9.47	93	41900	52.645	ug/l	99
47) Bromodichloromethane	9.66	83	119886	54.773	ug/l	99
48) Methyl methacrylate	9.45	41	37694	49.957	ug/l #	89
49) 1,4-Dioxane	9.46	88	9645	1043.648	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	180275	254.682	ug/l	100
52) Toluene	10.40	92	192173	50.305	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	108470	52.228	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	116978	50.179	ug/l #	88
55) 1,1,2-Trichloroethane	10.80	97	54982	51.029	ug/l	93
56) Ethyl methacrylate	10.66	69	66832	53.582	ug/l #	90
57) 1,3-Dichloropropane	10.94	76	89156	50.025	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	138382	267.129	ug/l	92
59) 2-Hexanone	10.98	43	125813	251.985	ug/l	98
60) Dibromochloromethane	11.14	129	84945	52.303	ug/l	99
61) 1,2-Dibromoethane	11.24	107	54615	51.507	ug/l	96
64) Tetrachloroethene	10.87	164	84840	50.585	ug/l	94
65) Chlorobenzene	11.67	112	217149	49.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	92763	51.605	ug/l	98
67) Ethyl Benzene	11.74	91	376044	48.568	ug/l	97
68) m/p-Xylenes	11.85	106	287712	97.492	ug/l	96
69) o-Xylene	12.18	106	137848	50.210	ug/l	99
70) Styrene	12.20	104	237118	50.300	ug/l	97
71) Bromoform	12.36	173	54404	53.346	ug/l #	96
73) Isopropylbenzene	12.48	105	377181	48.316	ug/l	99
74) N-amyl acetate	12.29	43	67141	47.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	52321	46.916	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	43588m	53.167	ug/l	
77) Bromobenzene	12.76	156	100079	50.509	ug/l	98
78) n-propylbenzene	12.82	91	417711	46.666	ug/l	99
79) 2-Chlorotoluene	12.91	91	249300	48.765	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	332793	49.373	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17070	44.197	ug/l #	81
82) 4-Chlorotoluene	13.01	91	260728	48.137	ug/l	97
83) tert-Butylbenzene	13.23	119	285338	48.738	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	335838	50.728	ug/l	97
85) sec-Butylbenzene	13.40	105	358824	46.779	ug/l	99
86) p-Isopropyltoluene	13.52	119	356904	48.254	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	180964	48.927	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	179182	48.249	ug/l	100
89) n-Butylbenzene	13.84	91	294580	45.133	ug/l	98
90) Hexachloroethane	14.11	117	68367	46.792	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	161358	50.677	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13180	56.350	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123800	49.804	ug/l	98
94) Hexachlorobutadiene	15.27	225	73945	47.869	ug/l	99
95) Naphthalene	15.40	128	212767	54.497	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	111215	52.229	ug/l	98

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

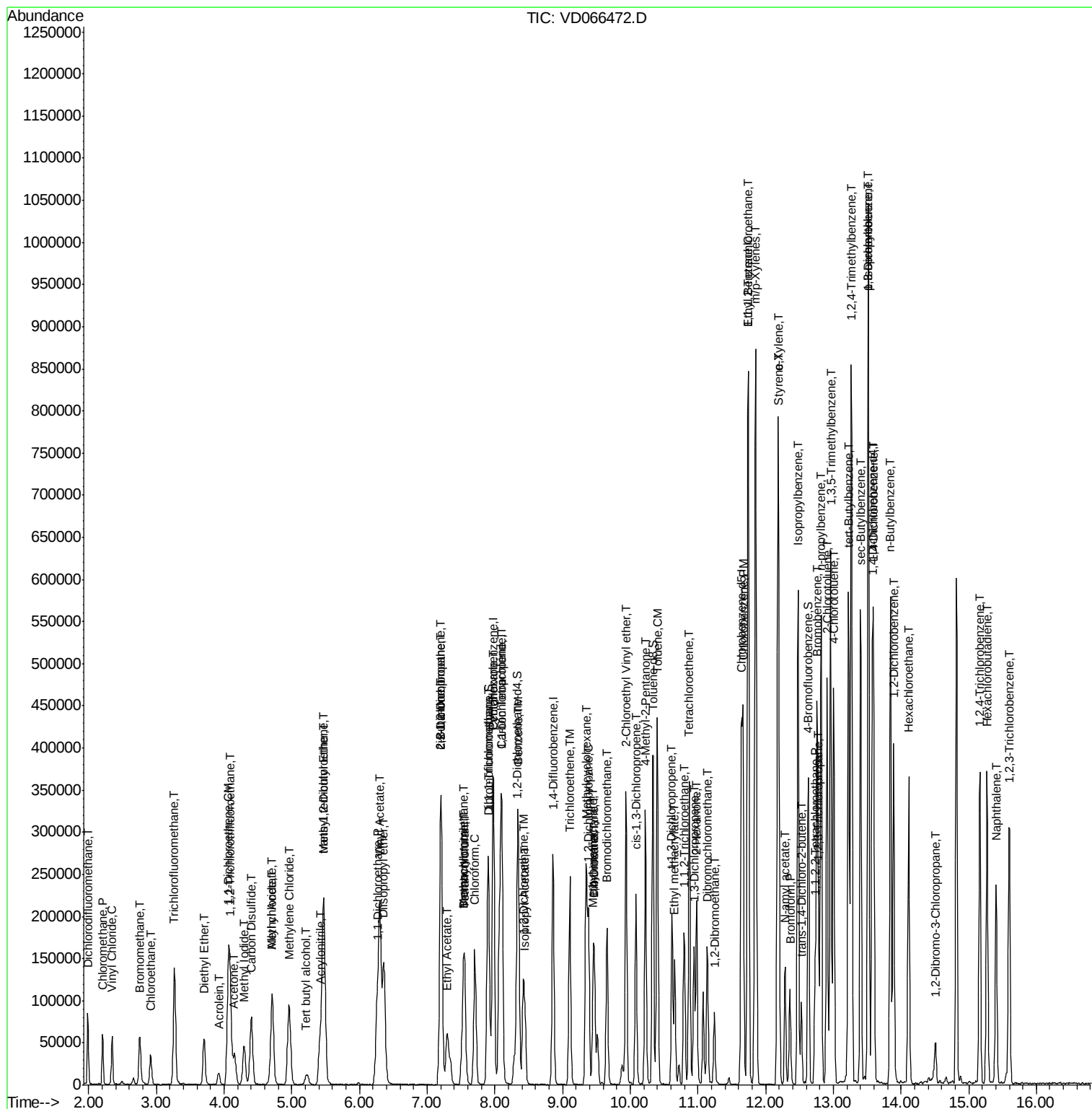
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082820\
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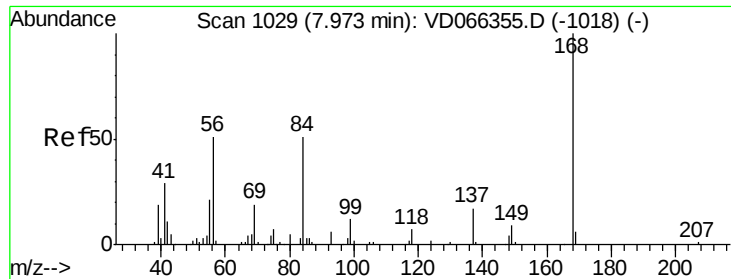
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 162057

Ion Ratio Lower Upper

168 100

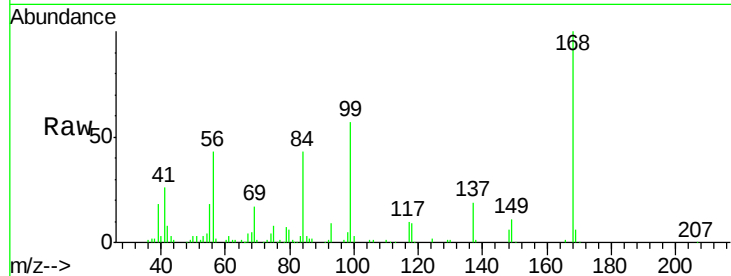
99 56.8 45.4 68.0

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

80000

60000

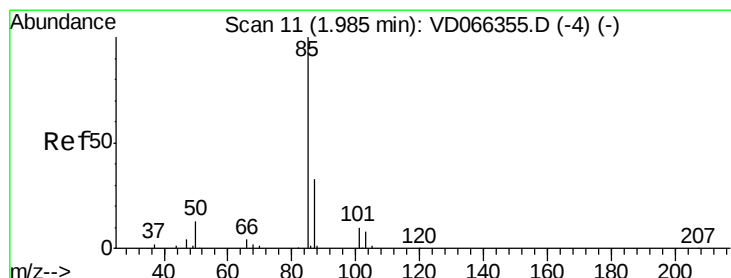
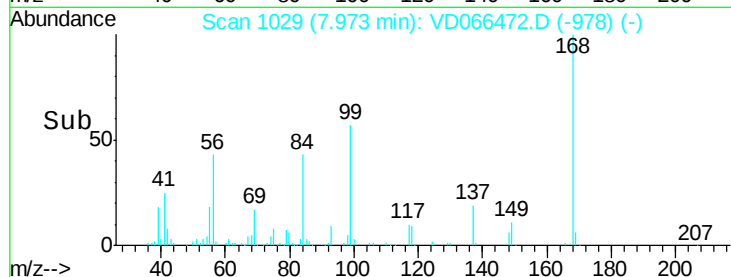
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 42.575 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066472.D

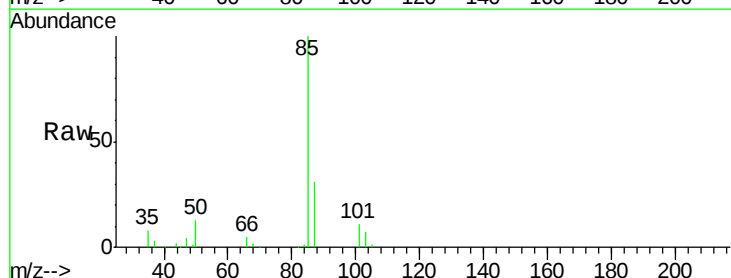
Acq: 28 Aug 2020 20:53

Tgt Ion: 85 Resp: 58657

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

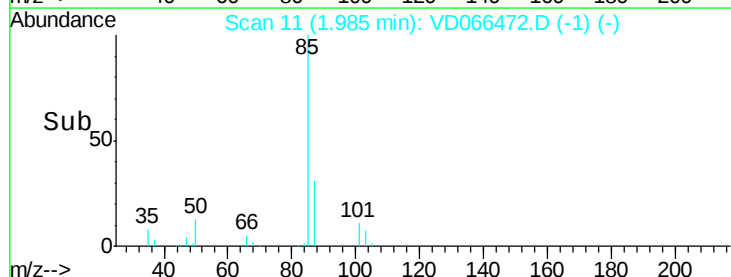
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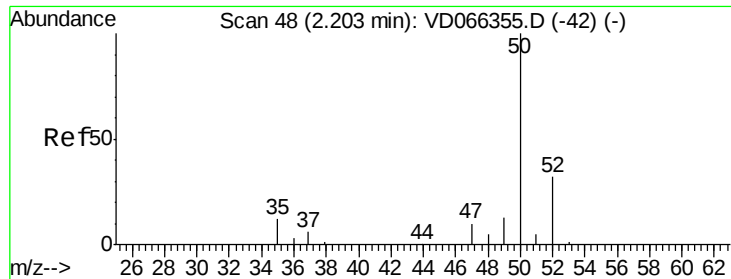
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0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.272 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 42259

Ion Ratio Lower Upper

50 100

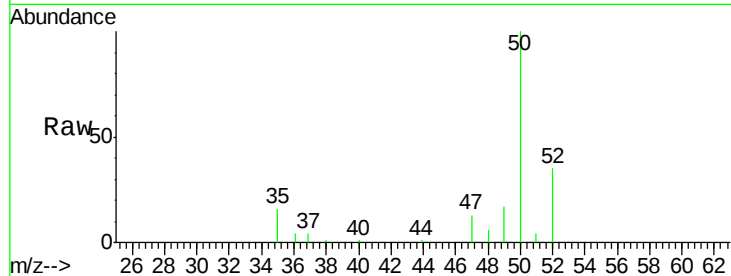
52 34.8 25.7 38.5

Manual Integrations

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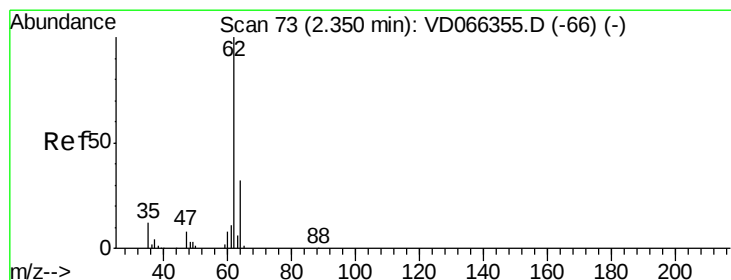
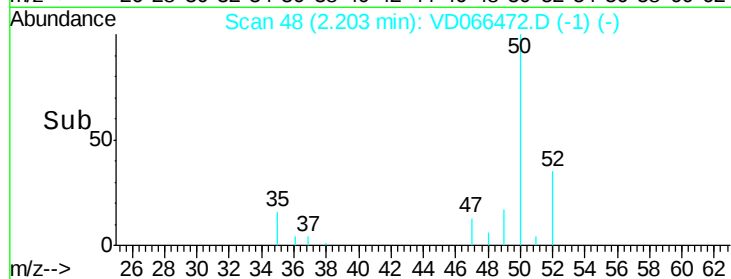
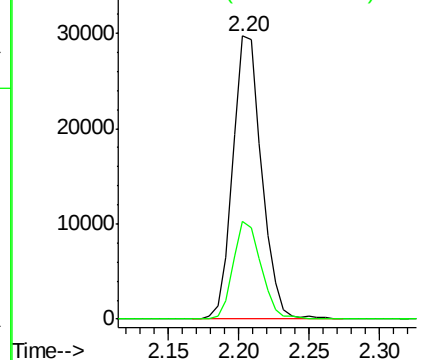
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.368 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066472.D

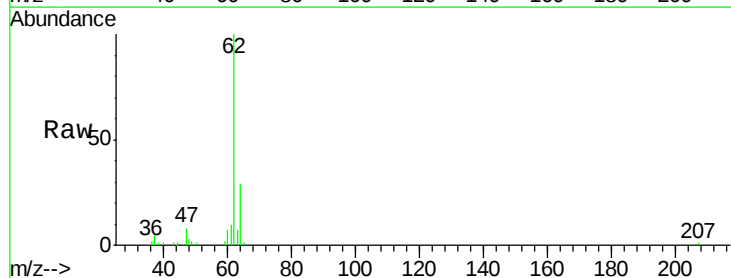
Acq: 28 Aug 2020 20:53

Tgt Ion: 62 Resp: 48618

Ion Ratio Lower Upper

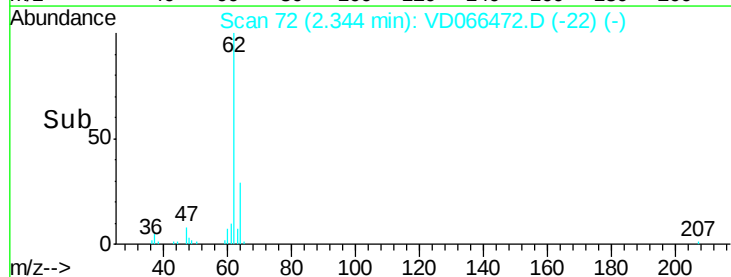
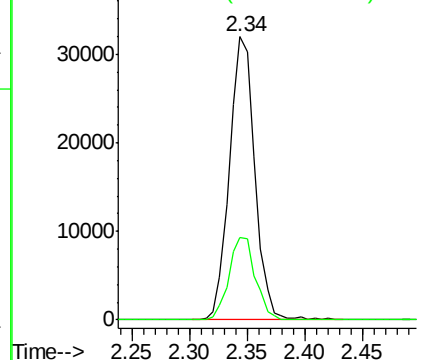
62 100

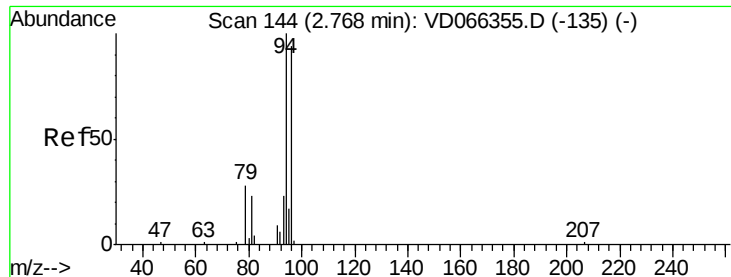
64 29.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.196 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 40936

Ion Ratio Lower Upper

94 100

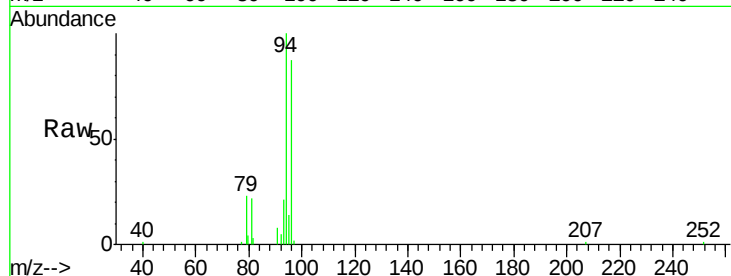
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Manual Integrations

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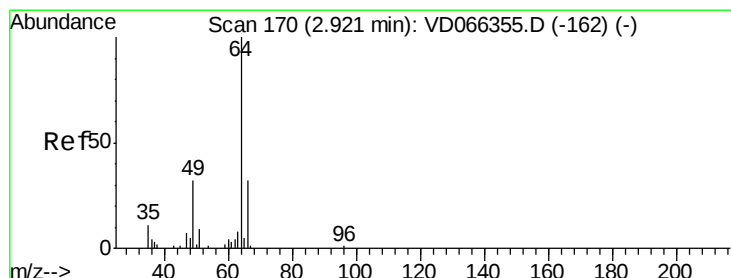
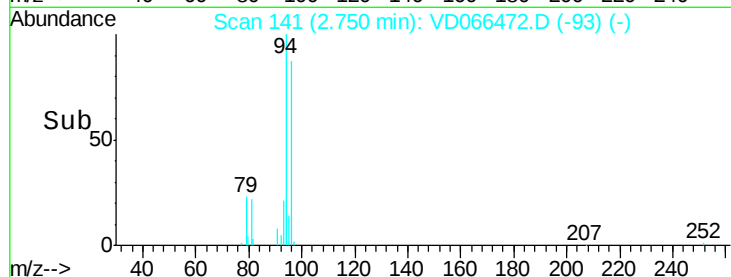
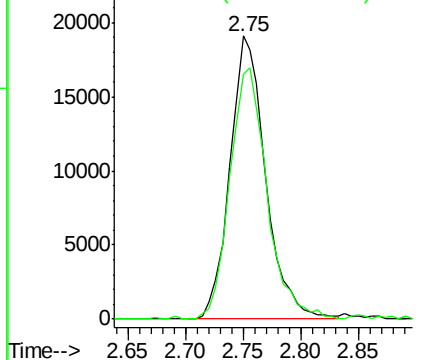
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.829 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066472.D

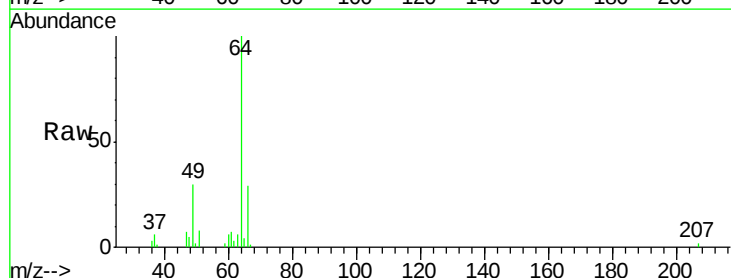
Acq: 28 Aug 2020 20:53

Tgt Ion: 64 Resp: 32784

Ion Ratio Lower Upper

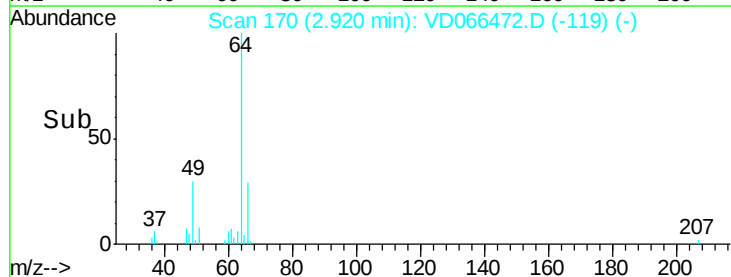
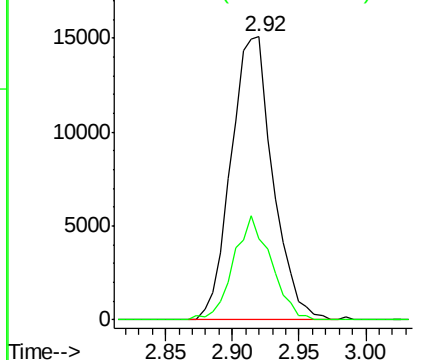
64 100

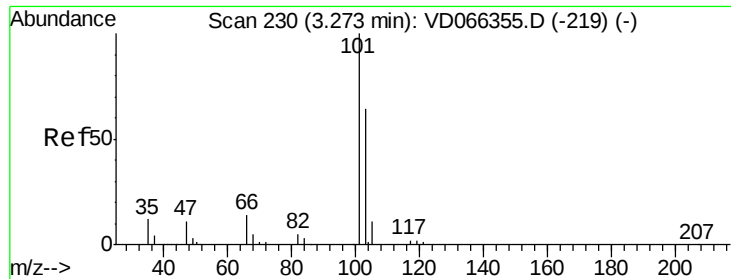
66 28.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

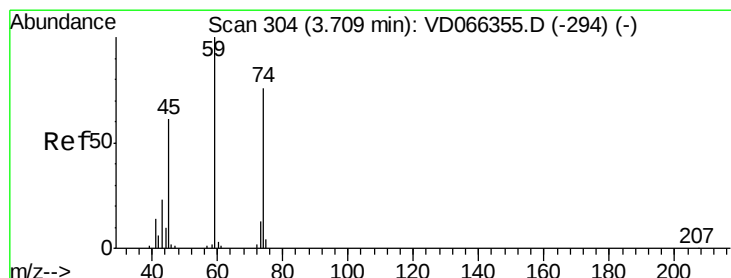
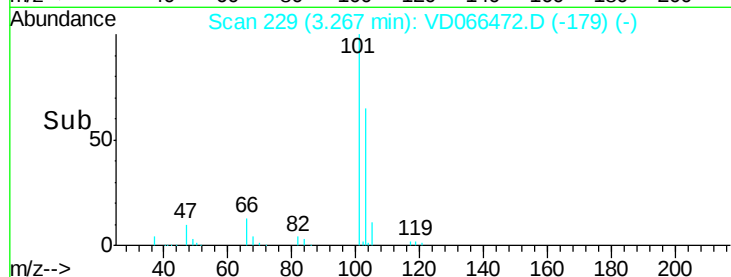
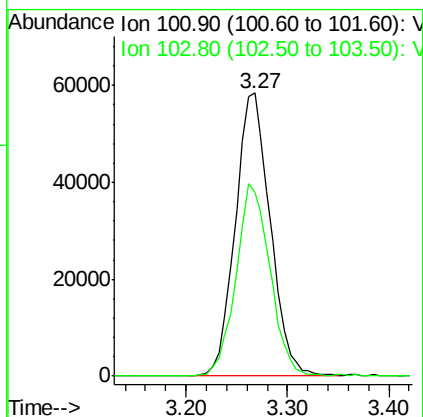
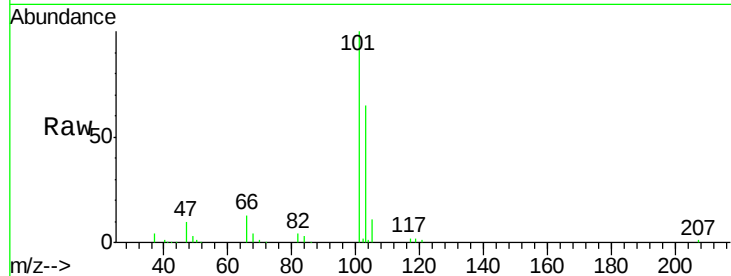
Trichlorofluoromethane
 Concen: 49.024 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		139779		
103	65.0	51.4	77.0		

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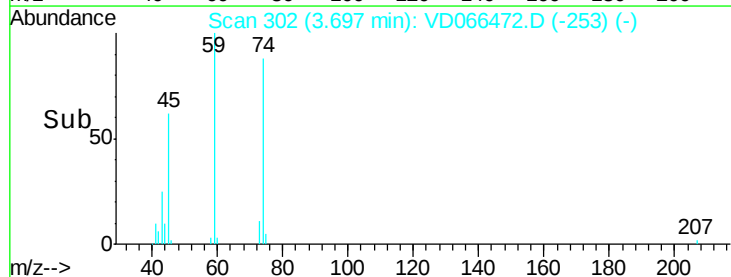
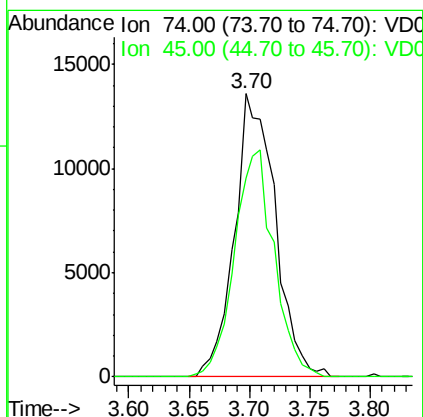
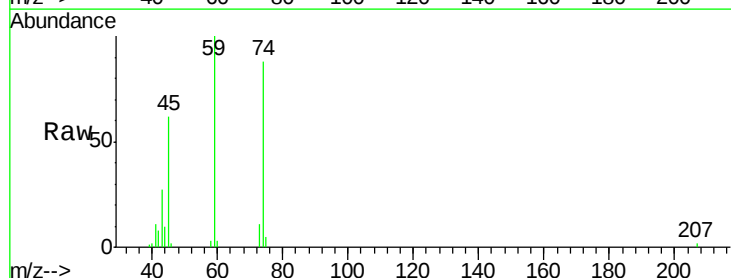
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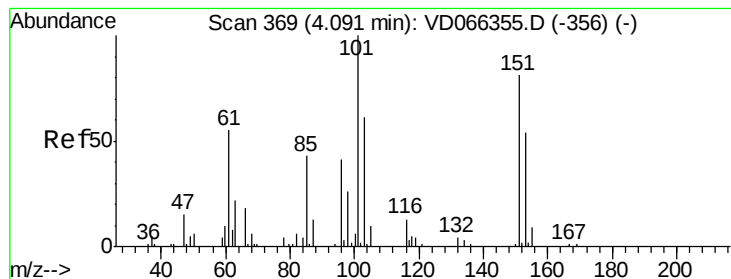


#8

Diethyl Ether
 Concen: 49.906 ug/l
 RT: 3.70 min Scan# 302
 Delta R.T. -0.01 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		31882		
45	78.3	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.399 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

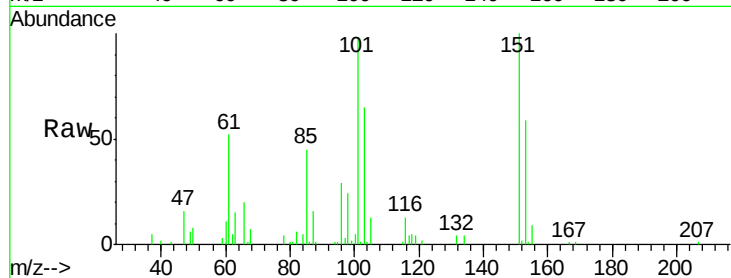
ClientSampleId :

VSTDCCC050EC

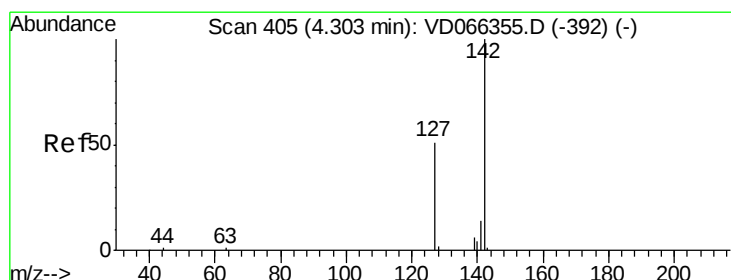
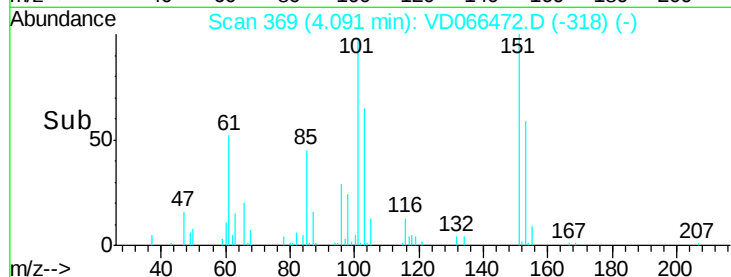
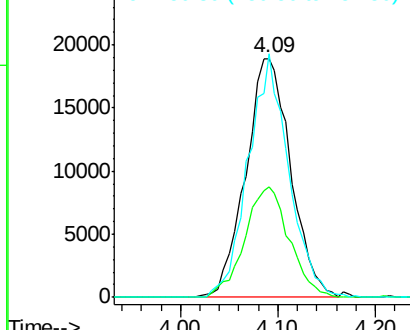
Tot Ion:	101	Resp:	61067
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.4	54.6
151	91.6	70.5	105.7

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.328 ug/l

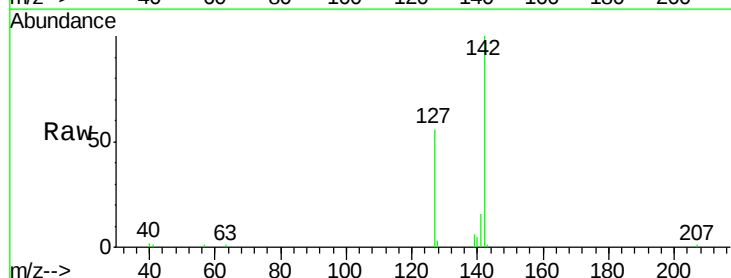
RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

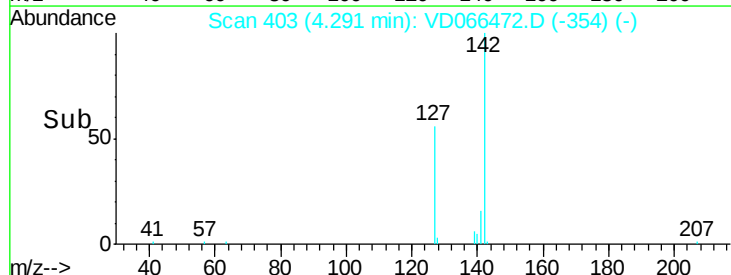
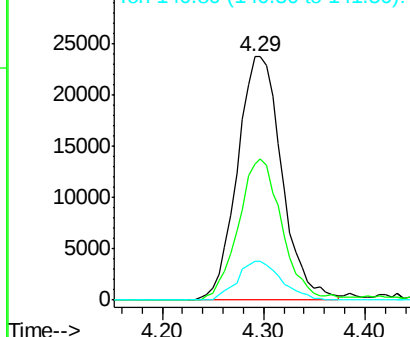
Lab File: VD066472.D

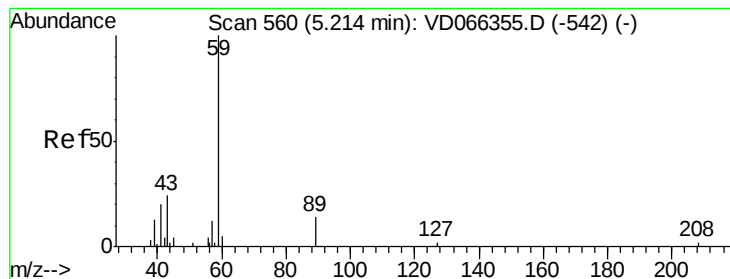
Acq: 28 Aug 2020 20:53

Tgt Ion:	142	Resp:	72745
Ion Ratio	Lower	Upper	
142	100		
127	56.9	41.8	62.8
141	15.8	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

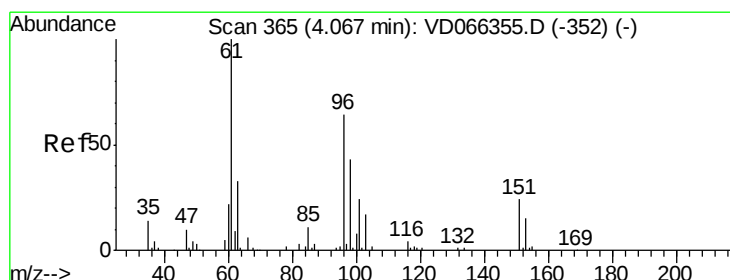
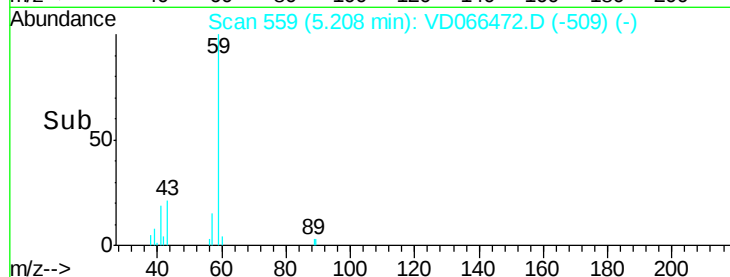
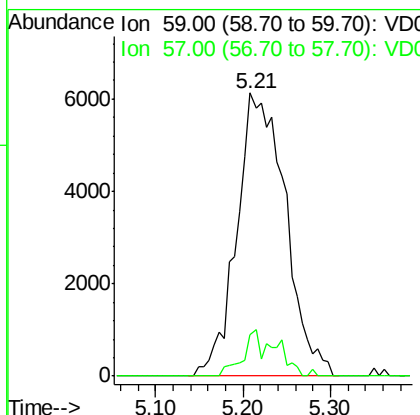
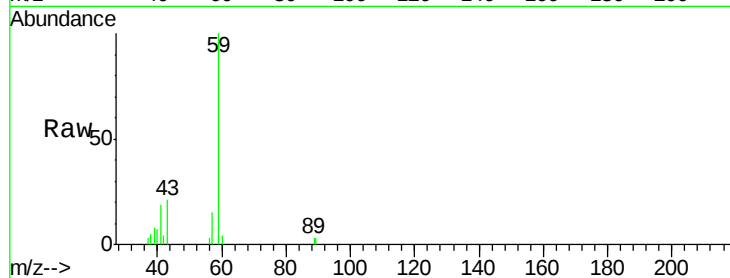
Tert butyl alcohol
 Concen: 256.517 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.5	9.0	13.4#

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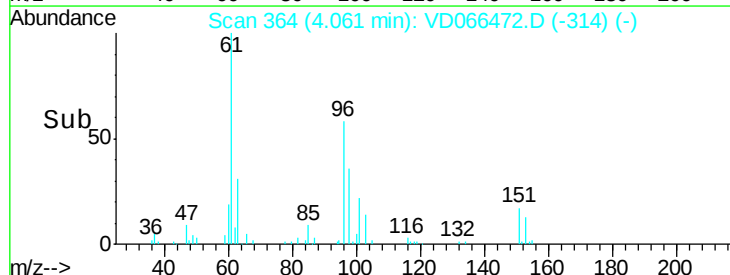
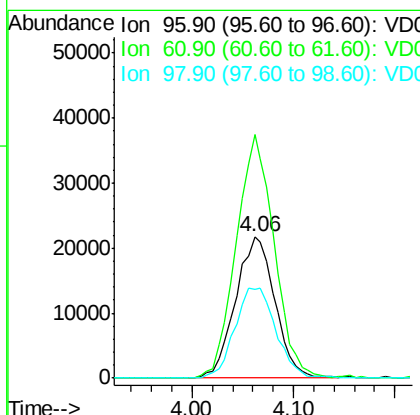
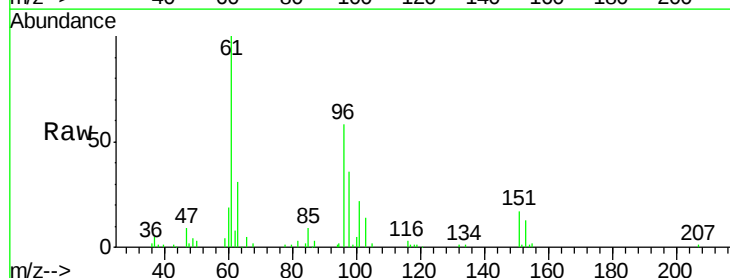
MMDadoda
 8/31/2020 11:58:36 AM

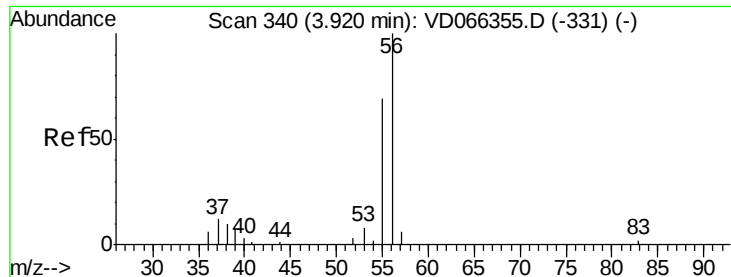


#12

1,1-Dichloroethene
 Concen: 44.432 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.2	124.3	186.5
98	62.8	53.2	79.8





#13

Acrolein

Concen: 217.341 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 15334

Ion Ratio Lower Upper

56 100

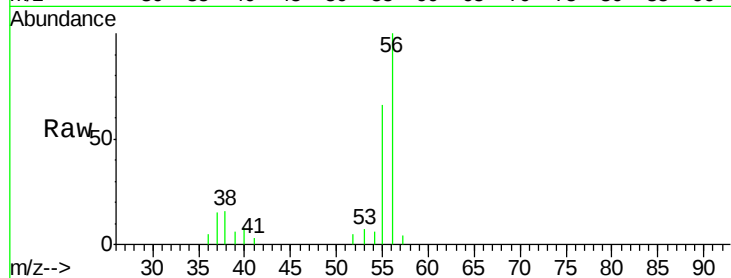
55 72.1 55.5 83.3

Manual Integrations

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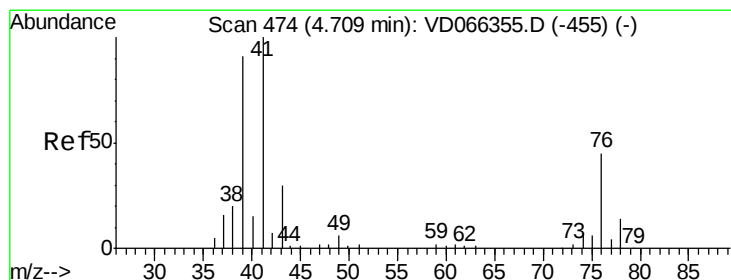
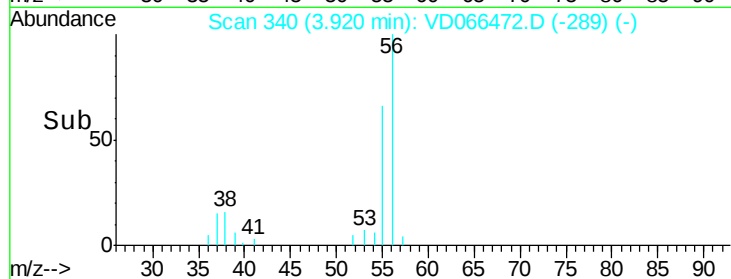
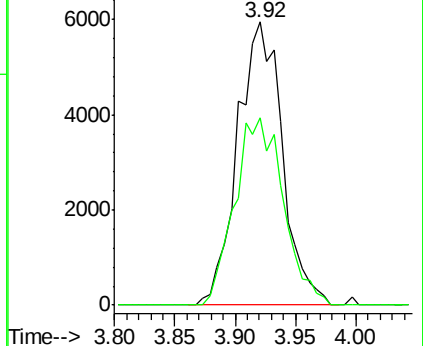
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 44.056 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

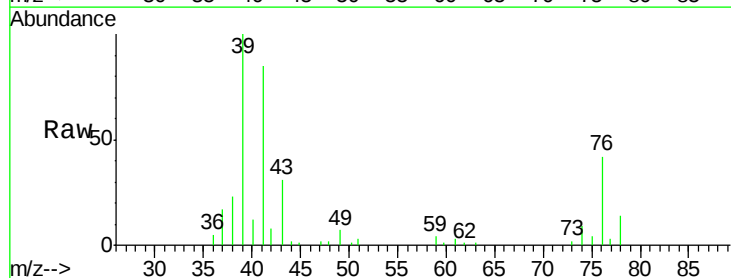
Tgt Ion: 41 Resp: 77668

Ion Ratio Lower Upper

41 100

39 106.4 72.8 109.2

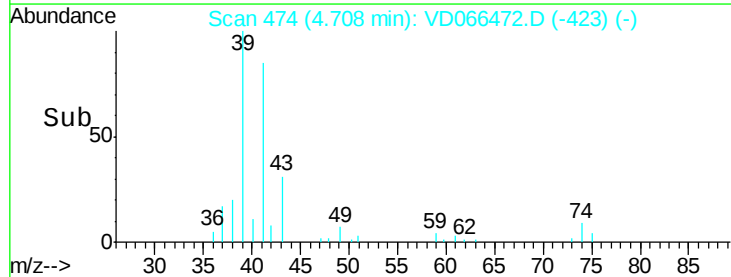
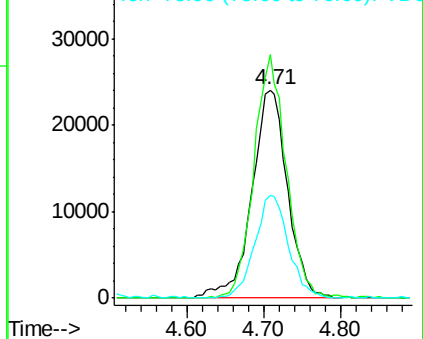
76 46.7 34.0 51.0

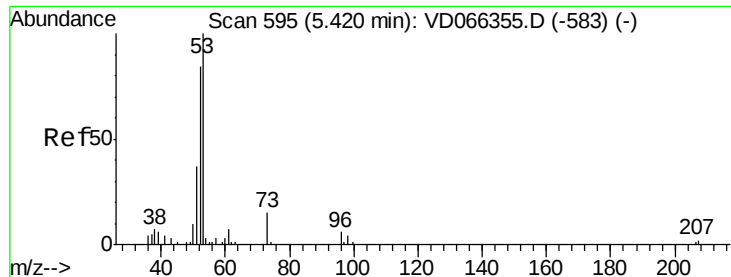


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 262.969 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

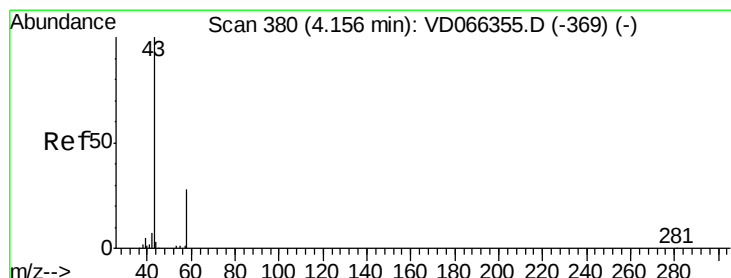
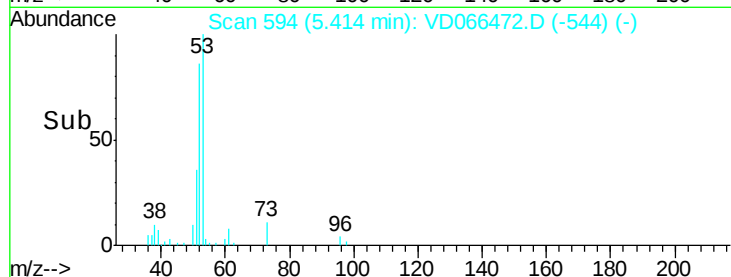
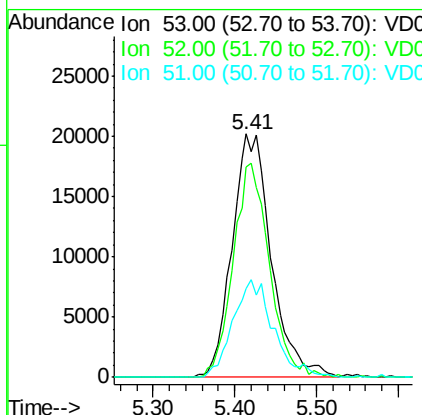
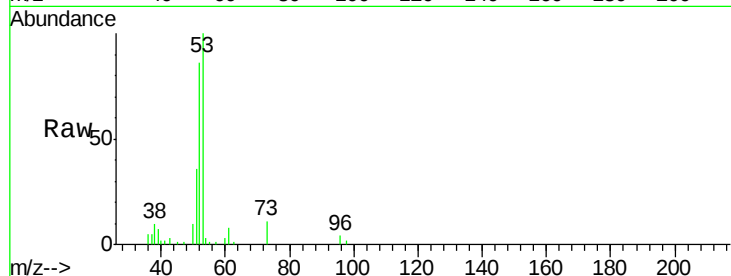
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	67403
Ion Ratio	Lower	Upper	
53	100		
52	81.4	68.1	102.1
51	41.3	33.8	50.6

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#16

Acetone

Concen: 214.429 ug/l

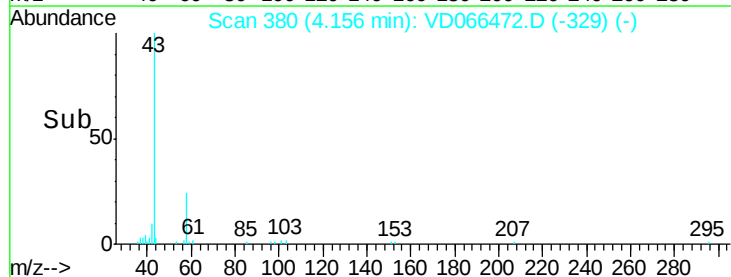
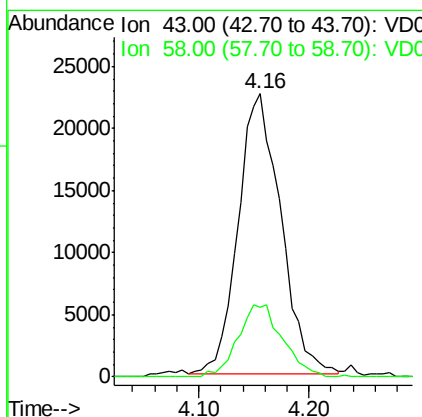
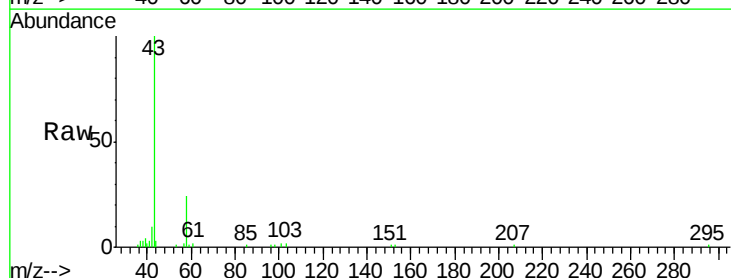
RT: 4.16 min Scan# 380

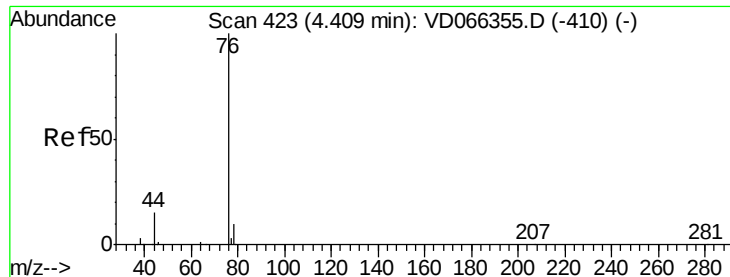
Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion:	43	Resp:	61420
Ion Ratio	Lower	Upper	
43	100		
58	24.7	22.7	34.1





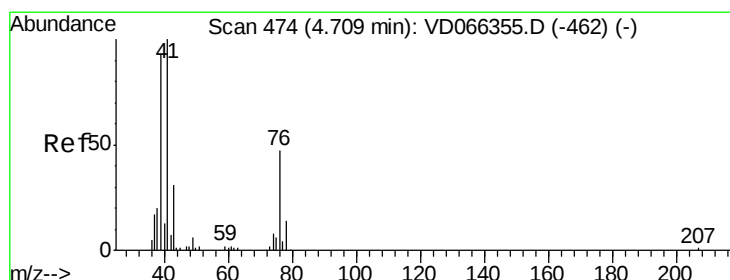
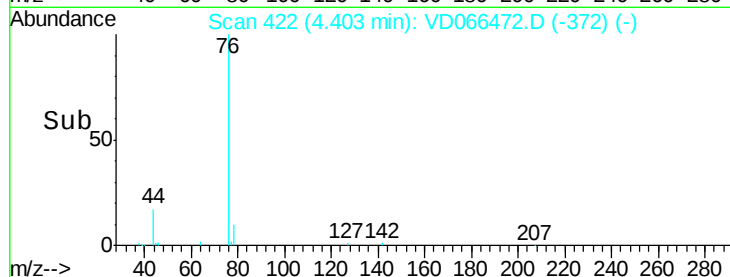
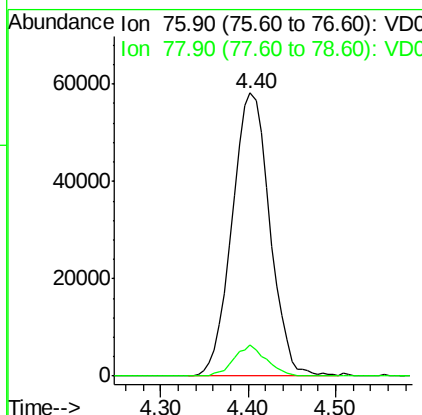
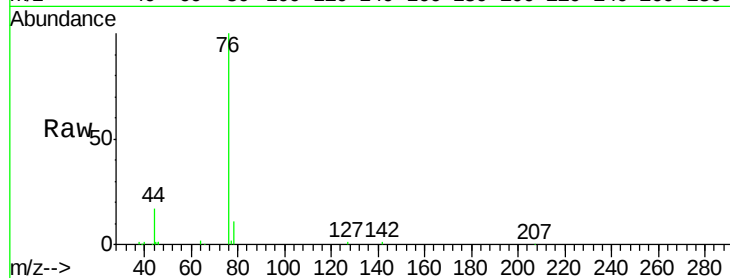
#17
Carbon Disulfide
Concen: 42.561 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.7	11.5

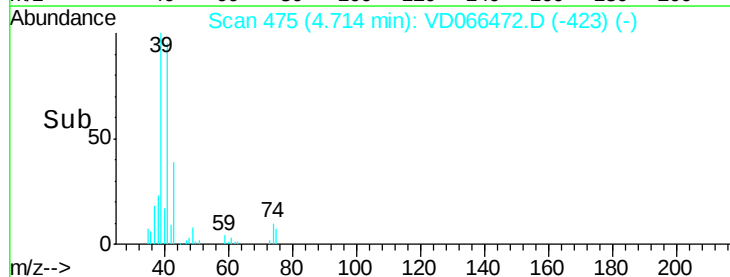
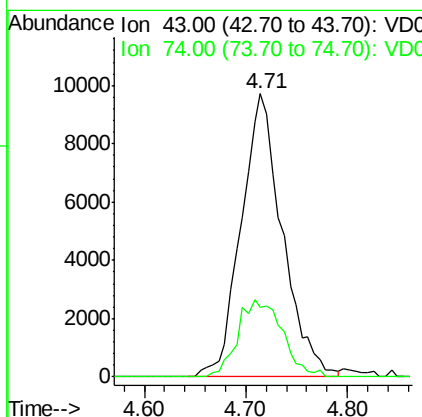
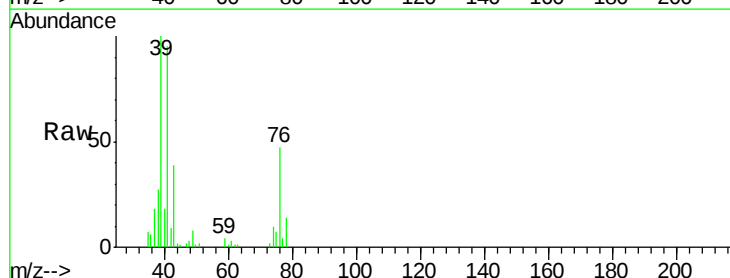
Manual Integrations
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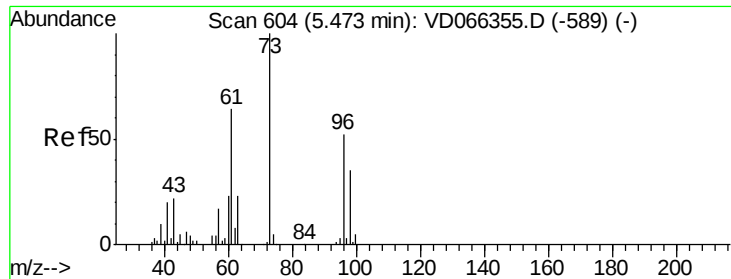
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#18
Methyl Acetate
Concen: 50.983 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	21.0	31.6





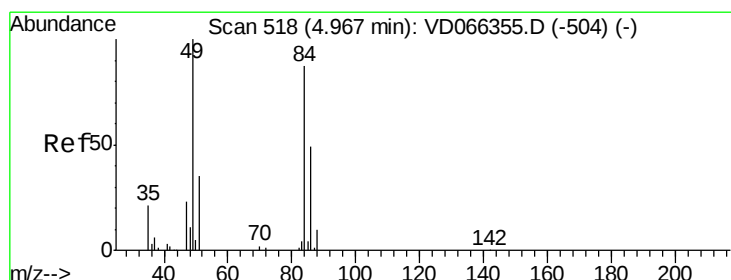
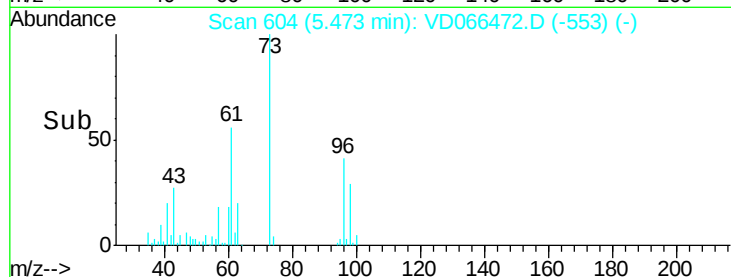
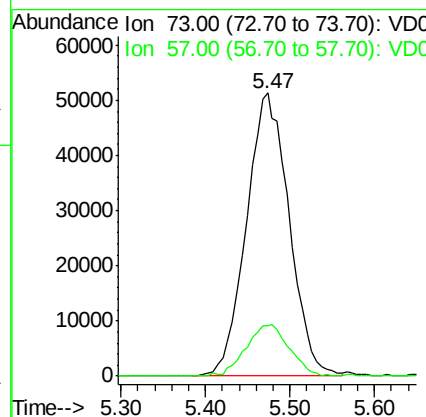
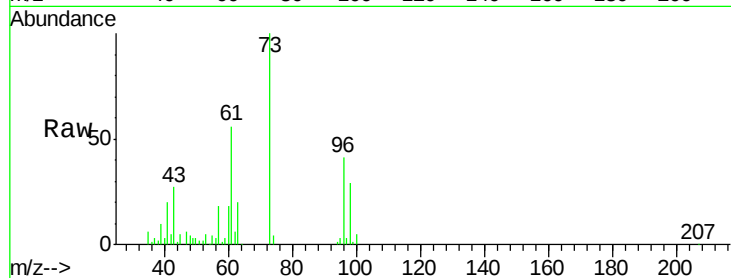
#19
Methyl tert-butyl Ether
Concen: 56.602 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 180018
Ion Ratio Lower Upper
73 100
57 17.8 13.8 20.6

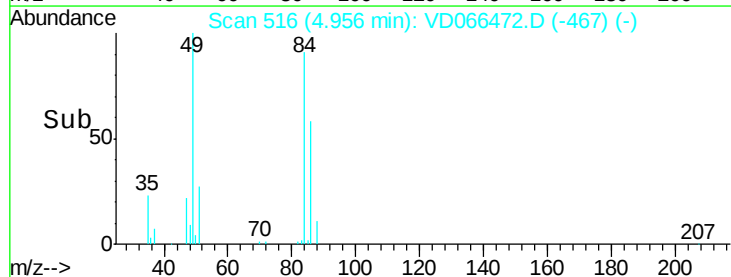
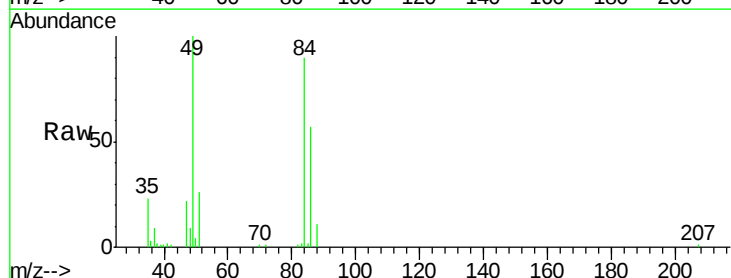
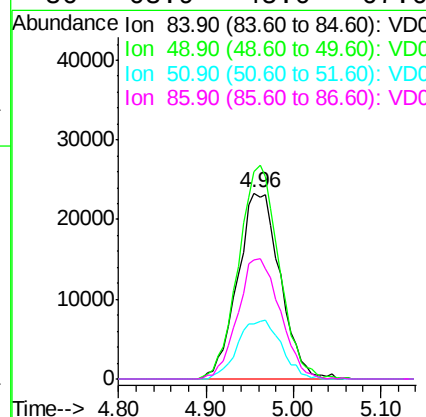
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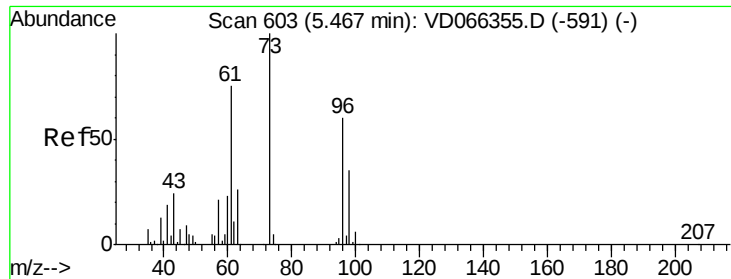
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#20
Methylene Chloride
Concen: 50.355 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion: 84 Resp: 77007
Ion Ratio Lower Upper
84 100
49 111.4 92.5 138.7
51 29.5 32.5 48.7#
86 63.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 47.096 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

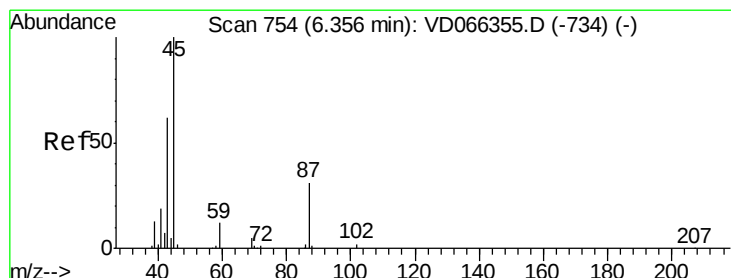
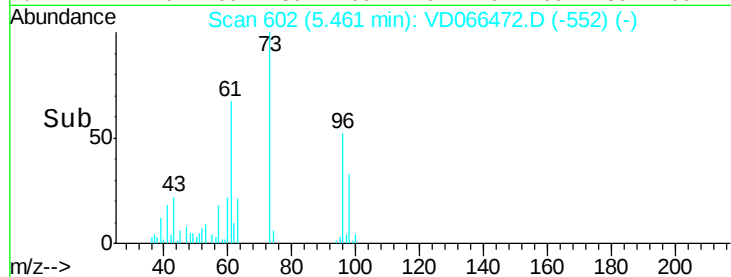
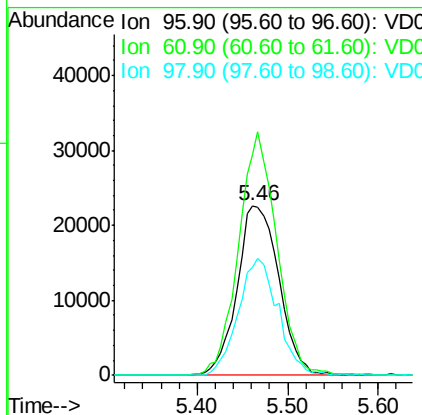
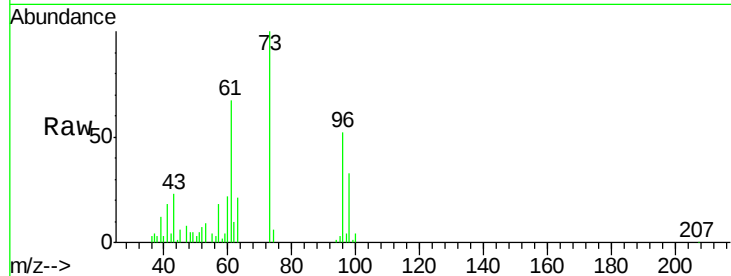
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	72410
Ion	Ratio	Lower	Upper
96	100		
61	130.0	101.1	151.7
98	63.6	47.0	70.6

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#22

Diisopropyl ether

Concen: 46.812 ug/l

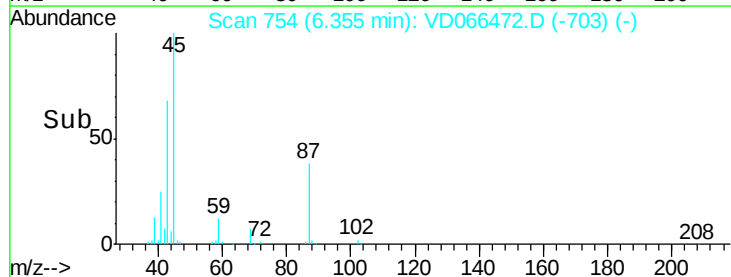
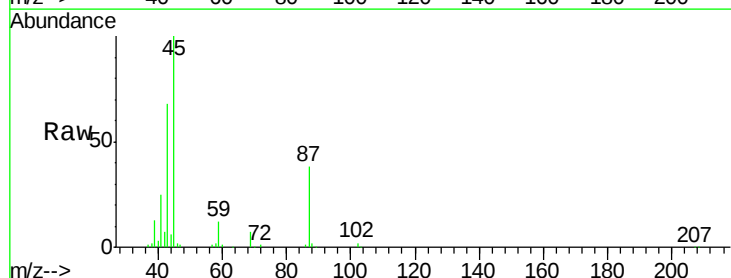
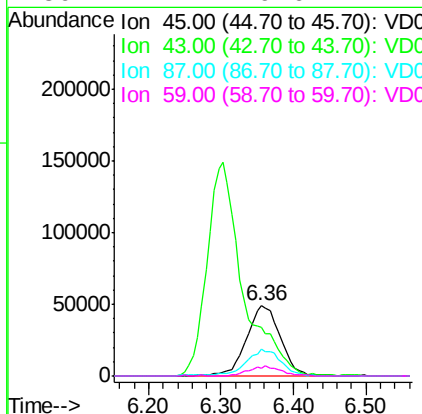
RT: 6.36 min Scan# 754

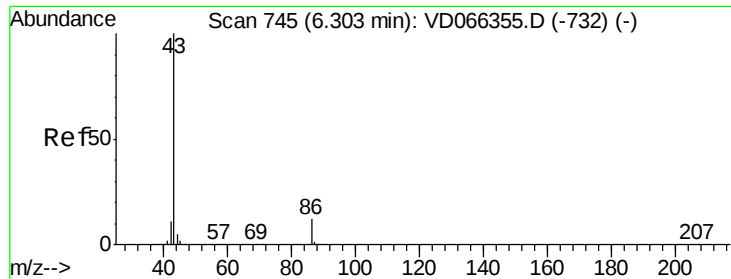
Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion:	45	Resp:	159782
Ion	Ratio	Lower	Upper
45	100		
43	67.4	49.8	74.8
87	38.1	25.0	37.6#
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 241.324 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 509930

Ion Ratio Lower Upper

43 100

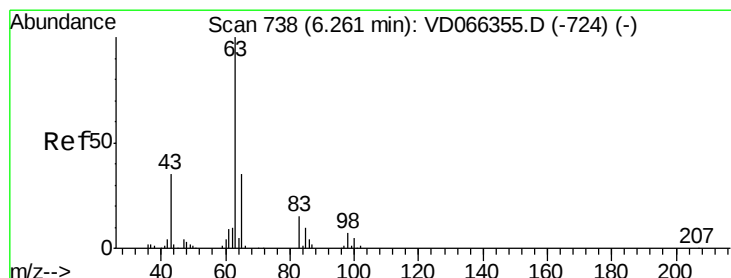
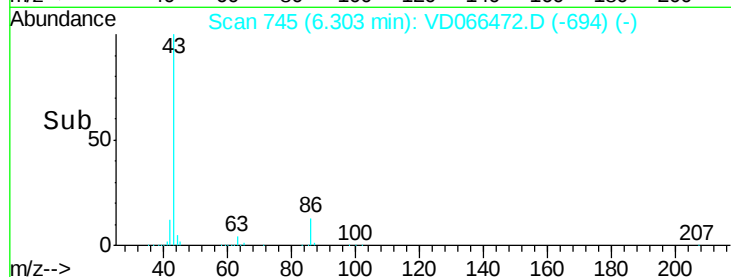
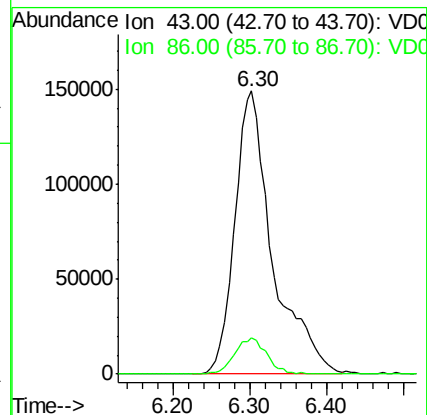
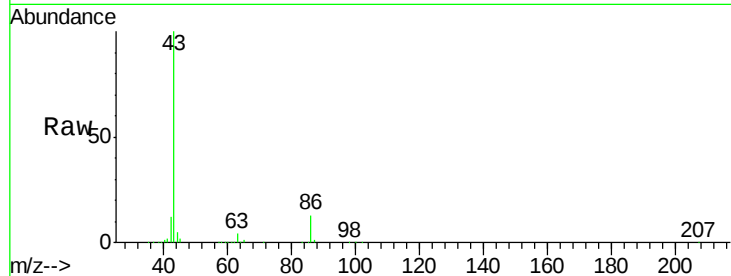
86 12.9 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.893 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

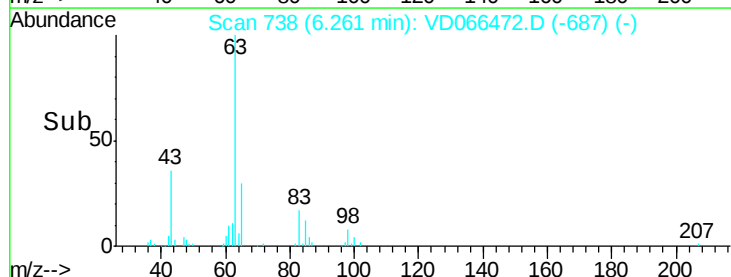
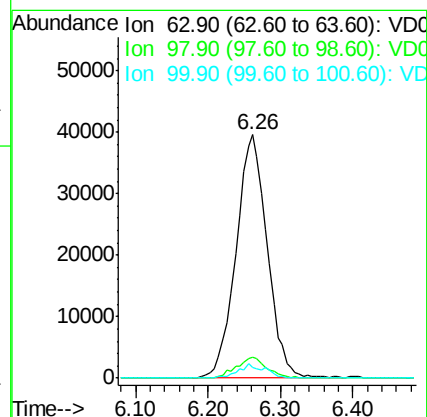
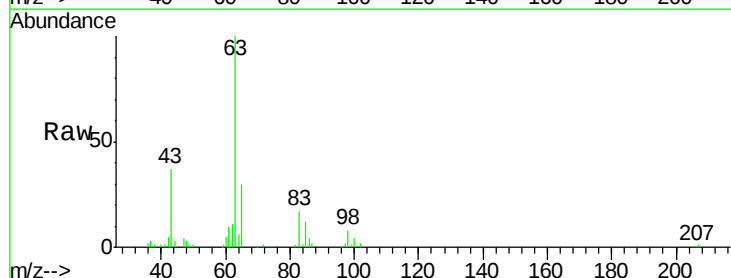
Tgt Ion: 63 Resp: 117935

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.6

100 4.5 2.5 7.6





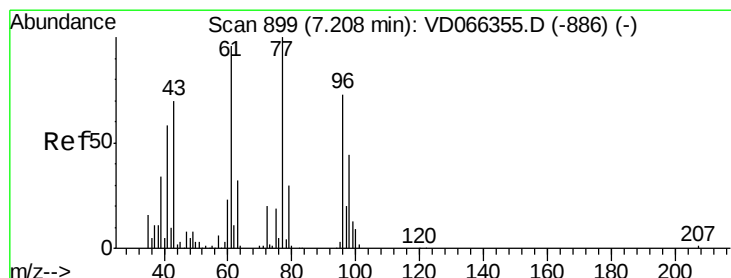
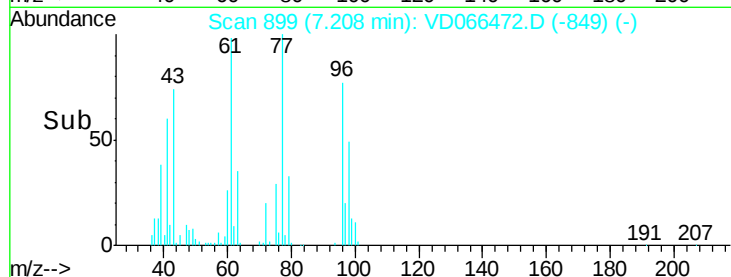
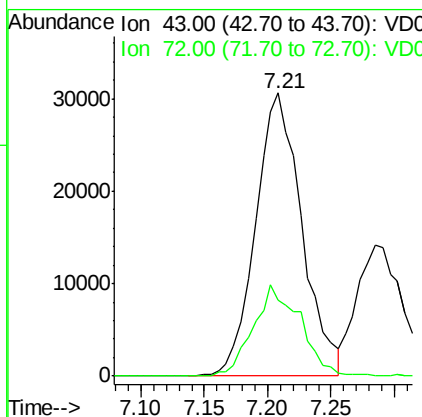
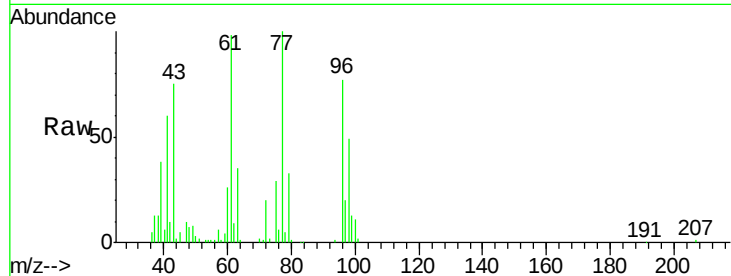
#25
2-Butanone
Concen: 239.102 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 77750
Ion Ratio Lower Upper
43 100
72 26.6 22.5 33.7

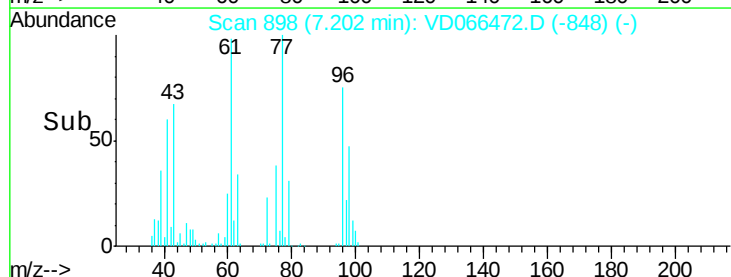
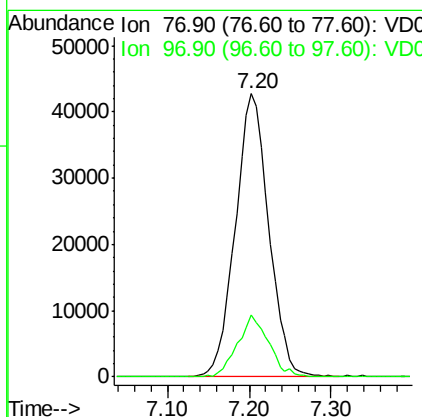
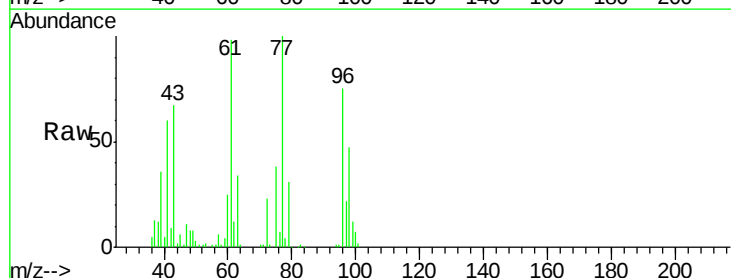
Manual Integrations
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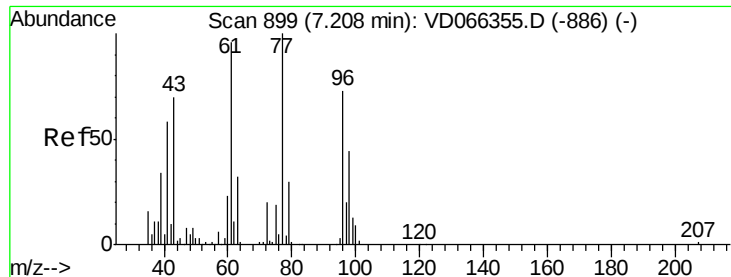
MMDadoda
8/31/2020 11:58:36 AM



#26
2,2-Dichloropropane
Concen: 47.030 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion: 77 Resp: 121585
Ion Ratio Lower Upper
77 100
97 20.4 10.7 31.9





#27

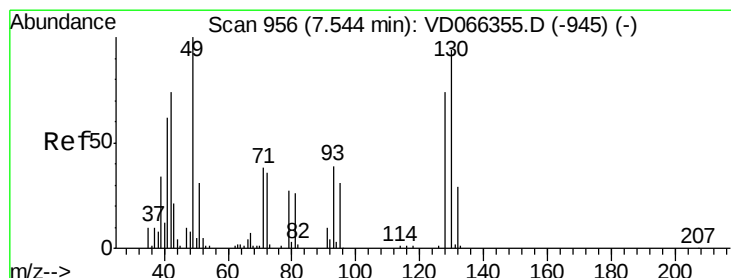
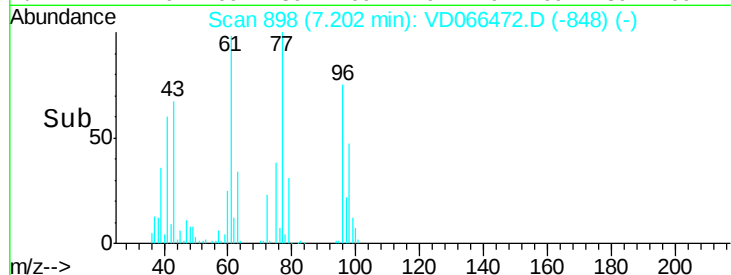
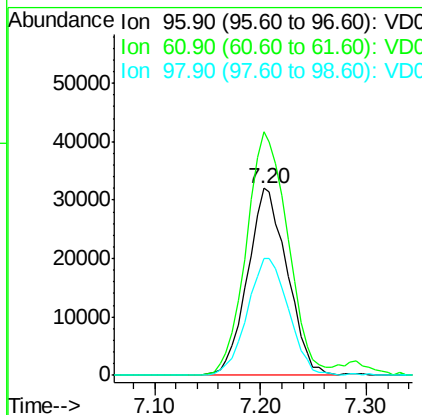
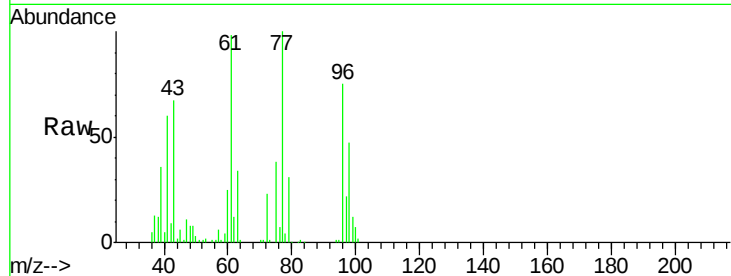
cis-1,2-Dichloroethene
Concen: 50.843 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.6	0.0	281.4	
98	64.7	0.0	132.2	

Manual Integrations
APPROVED

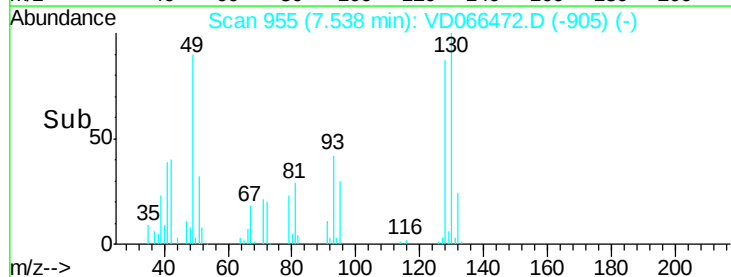
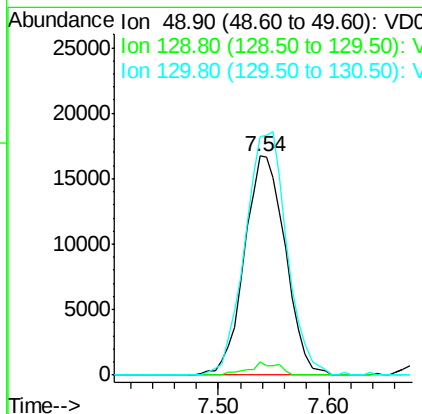
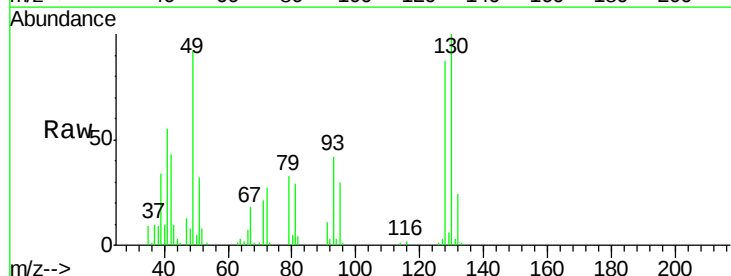
MMDadoda
8/31/2020 11:58:36 AM

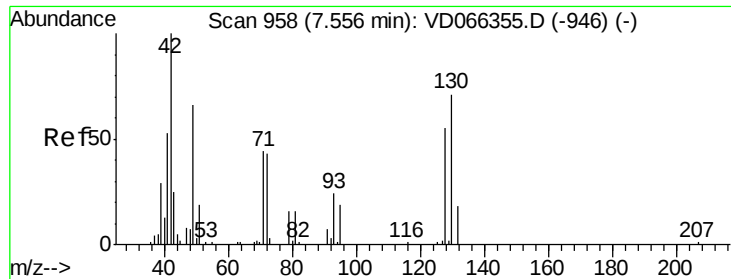


#28

Bromochloromethane
Concen: 52.355 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	4.2	0.0	3.0#	
130	113.5	82.6	124.0	





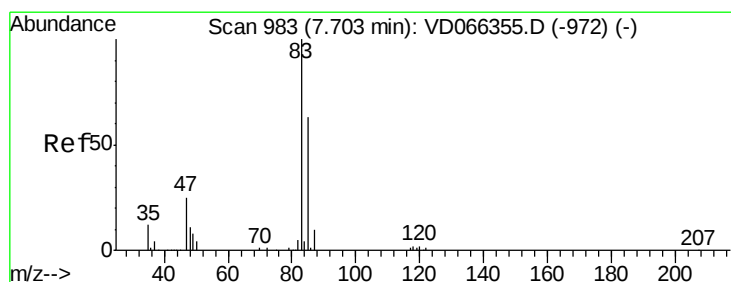
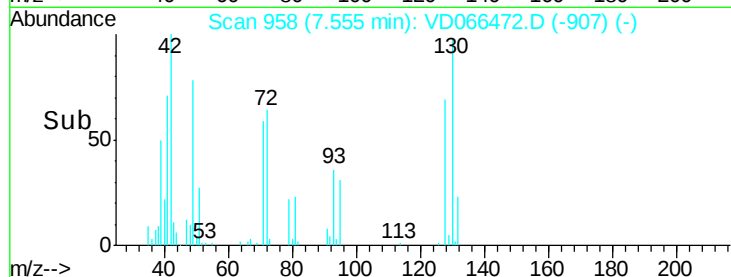
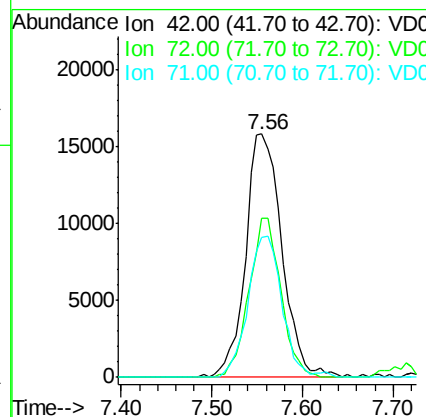
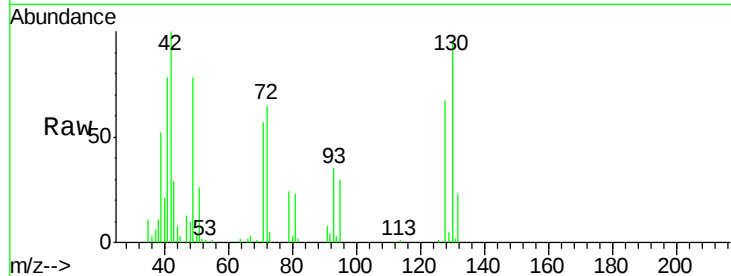
#29
Tetrahydrofuran
Concen: 238.653 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.4	41.0	61.4
71	53.9	37.2	55.8

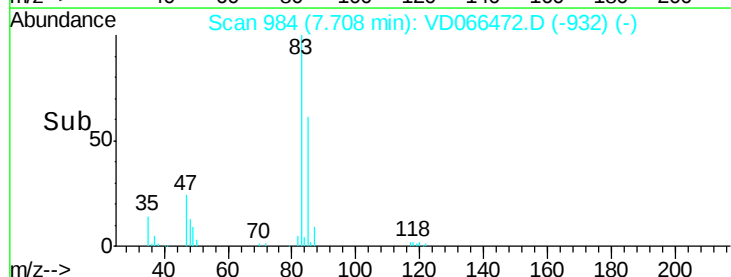
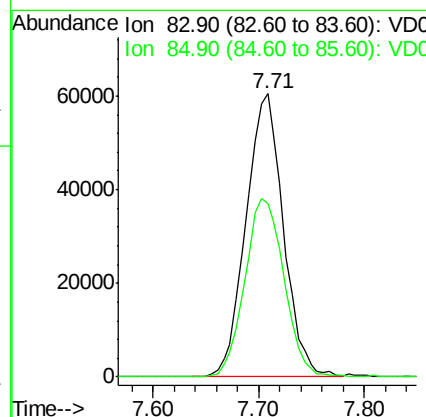
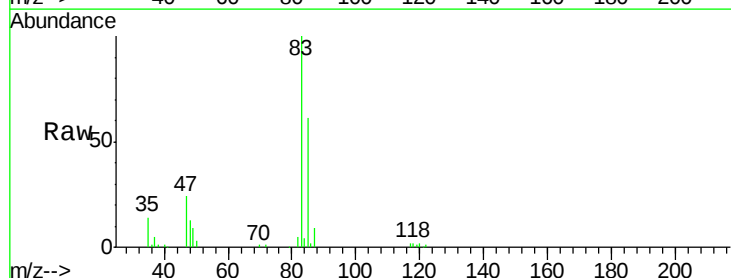
Manual Integrations
APPROVED

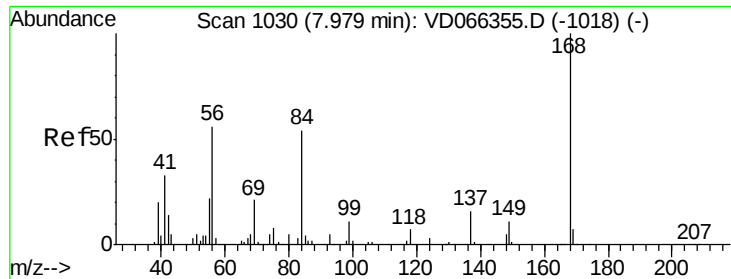
MMDadoda
8/31/2020 11:58:36 AM



#30
Chloroform
Concen: 53.368 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.3	75.5





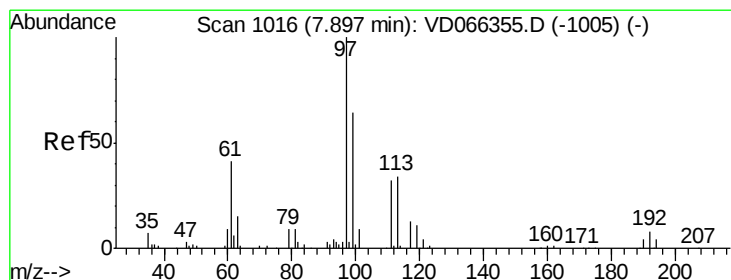
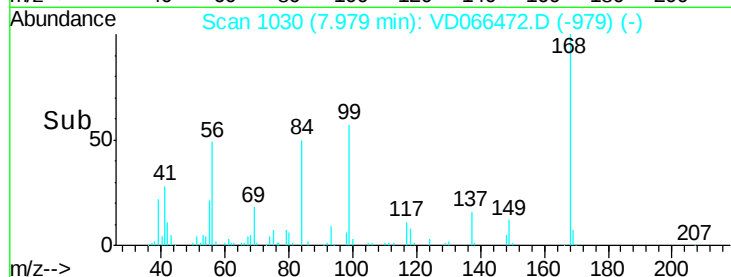
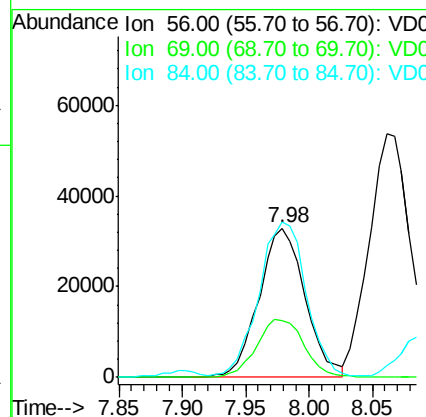
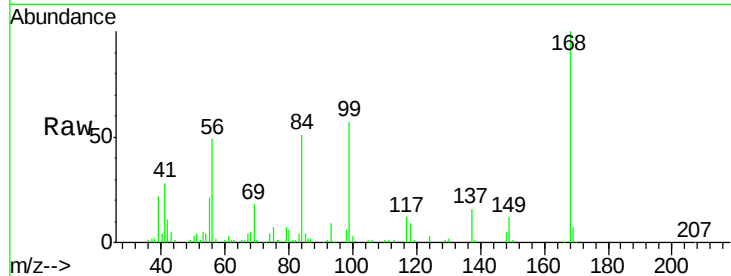
#31
Cyclohexane
Concen: 37.873 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	29.6	44.4
84	100.9	76.6	115.0

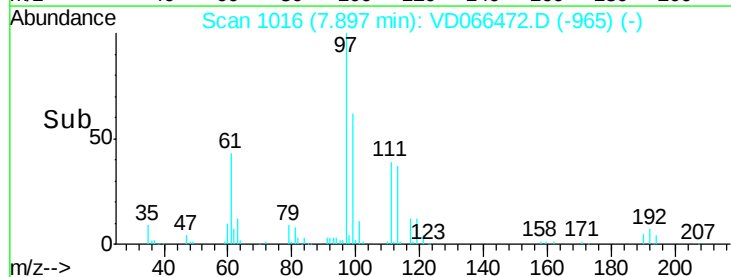
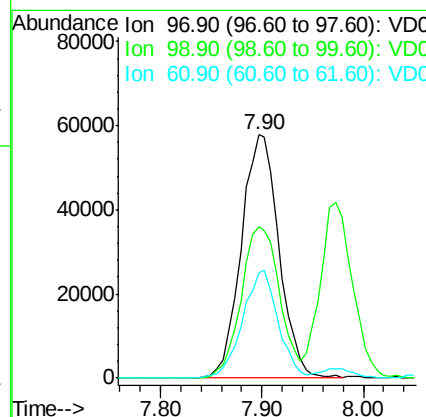
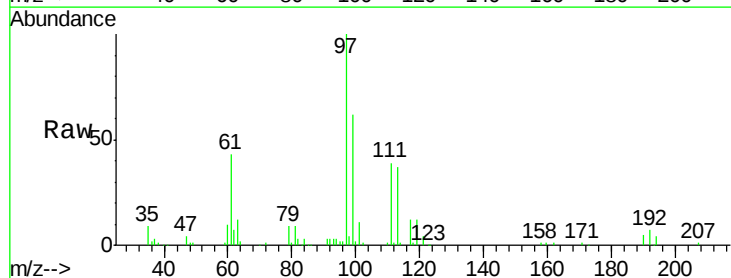
Manual Integrations
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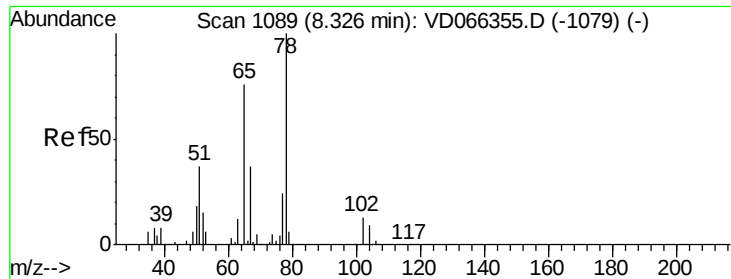
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.208 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	41.6	33.3	49.9





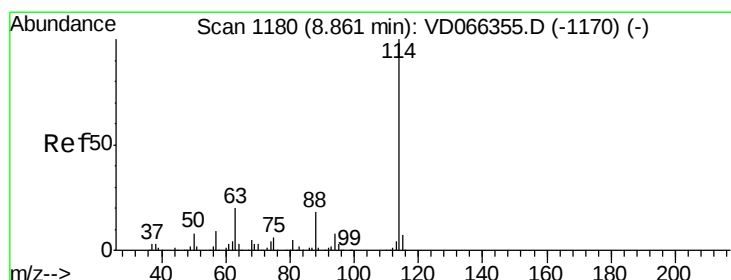
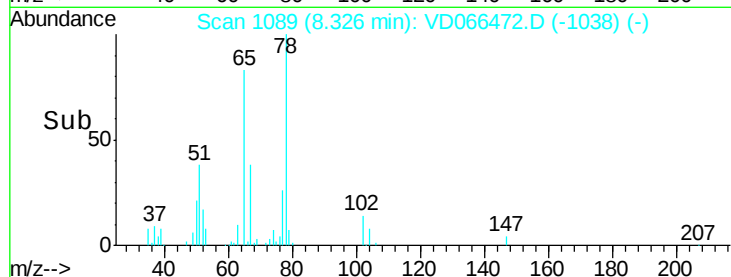
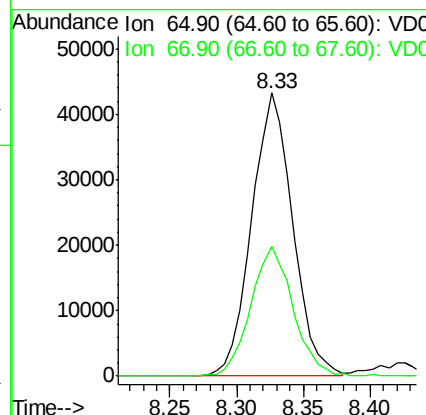
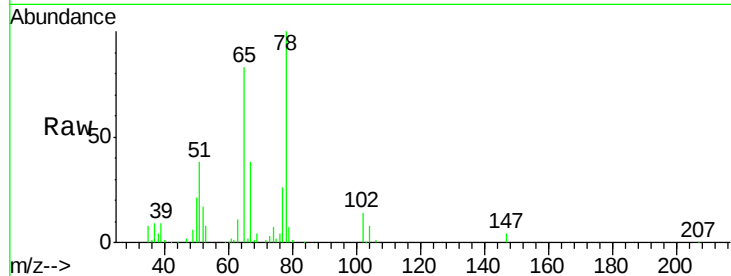
#33
 1,2-Dichloroethane-d4
 Concen: 57.973 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	92108		
67	47.1	0.0	101.6	

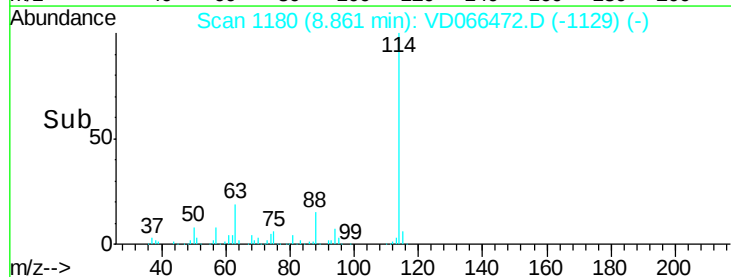
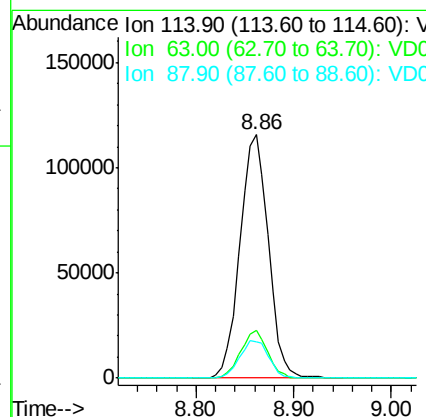
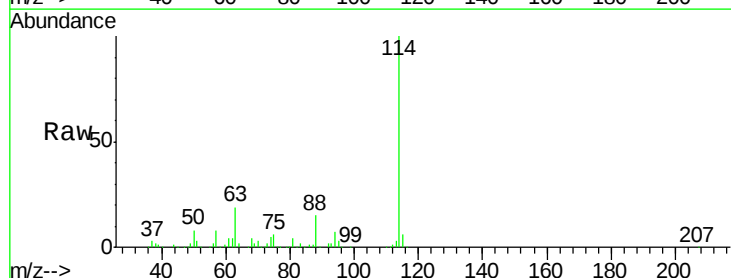
Manual Integrations
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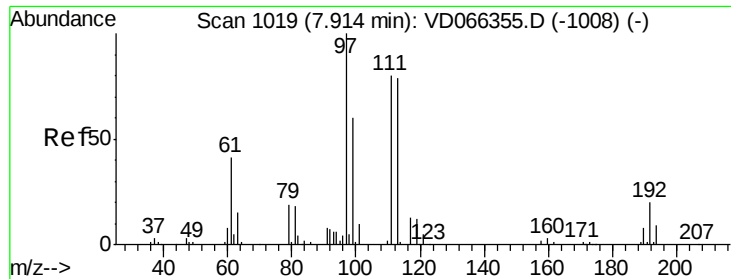
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 8/31/2020 11:58:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	234909		
63	19.5	0.0	40.8	
88	15.0	0.0	35.4	





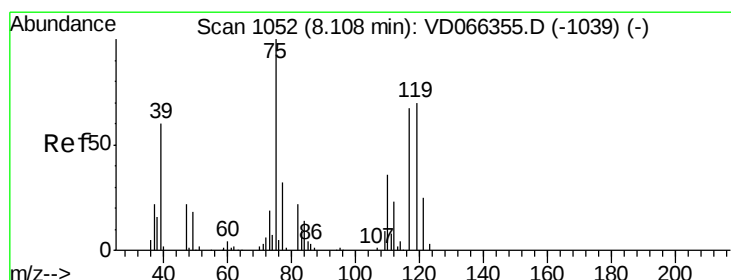
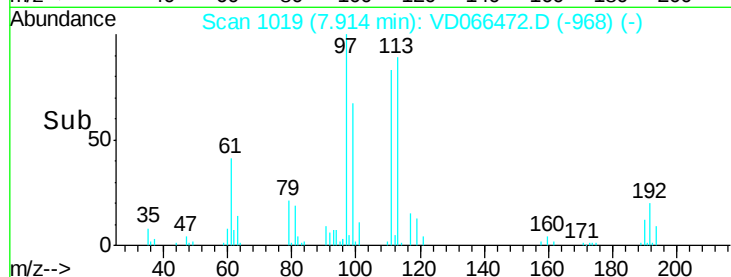
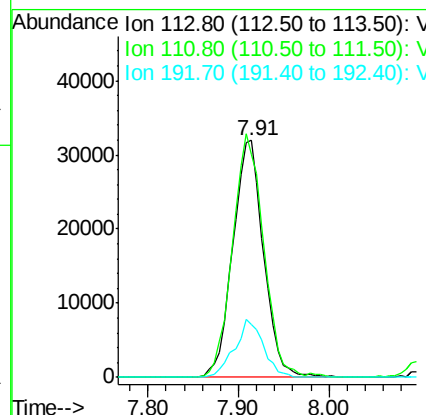
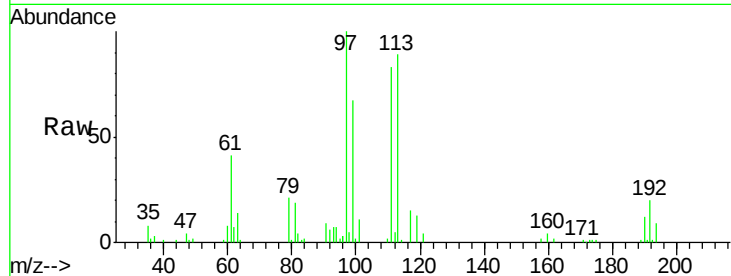
#35
Dibromofluoromethane
Concen: 51.231 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.3	120.5
192	22.9	19.0	28.6

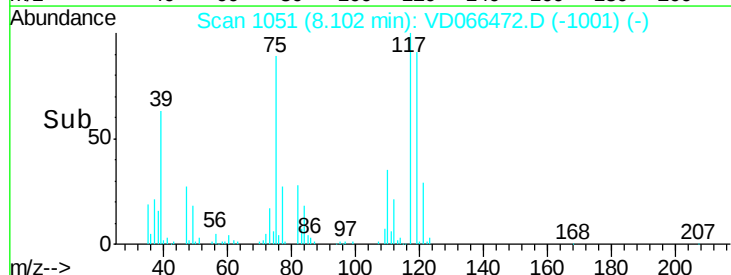
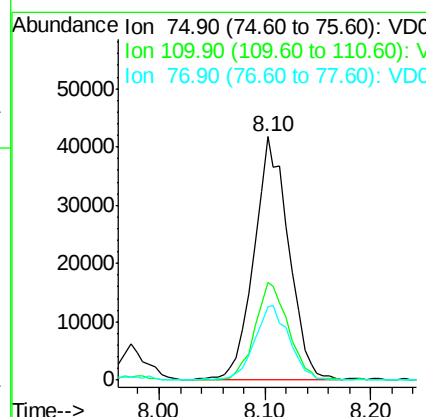
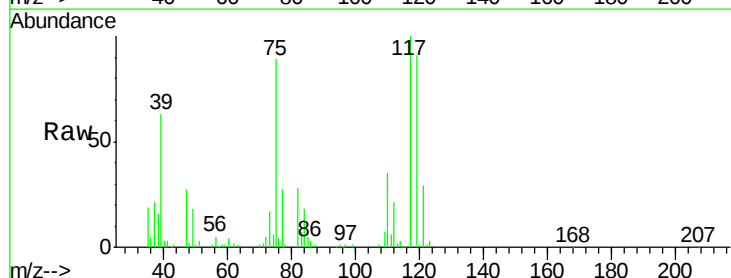
Manual Integrations
APPROVED

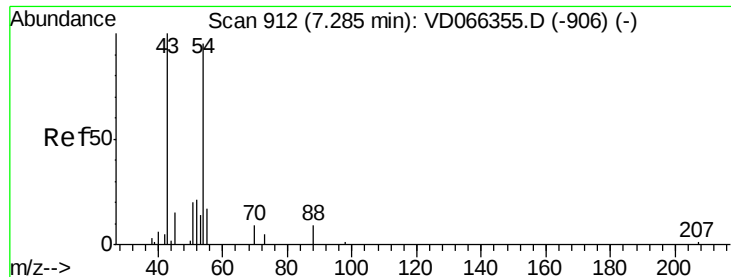
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#36
1,1-Dichloropropene
Concen: 44.489 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	18.7	56.1
77	30.5	25.2	37.8





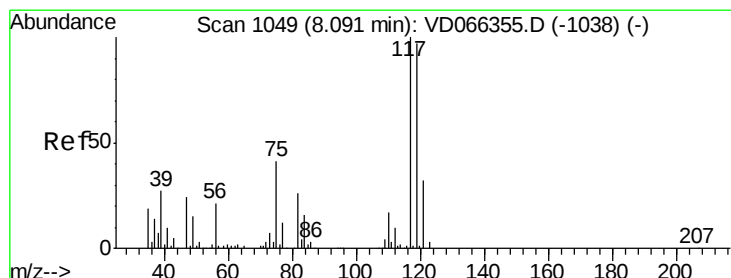
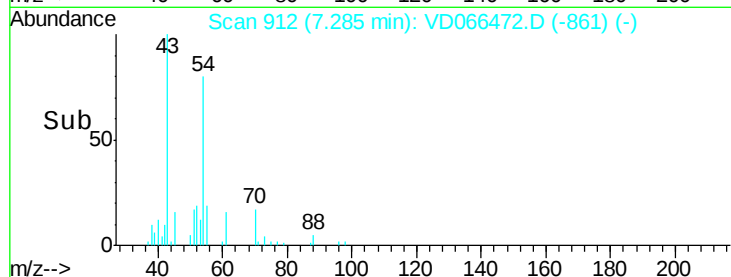
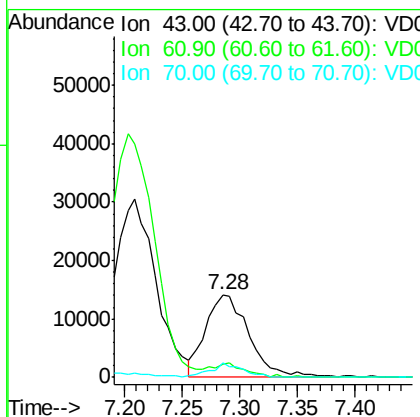
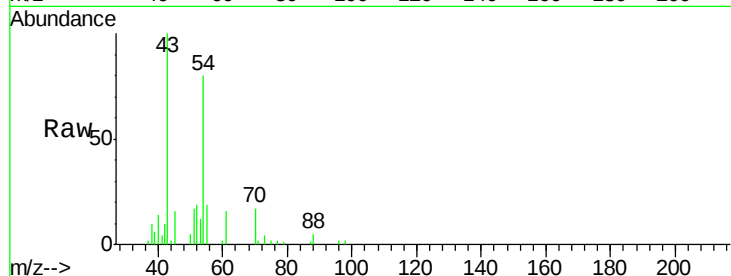
#37
Ethyl Acetate
Concen: 50.492 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.3	19.9#
70	13.4	3.5	5.3#

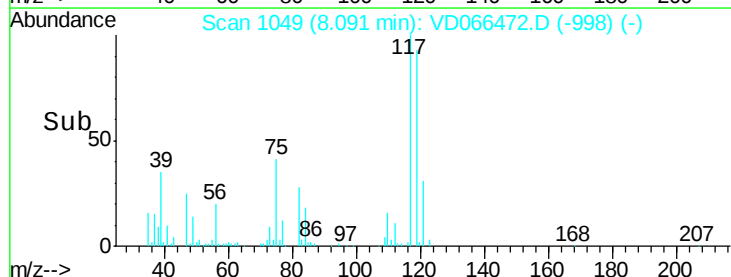
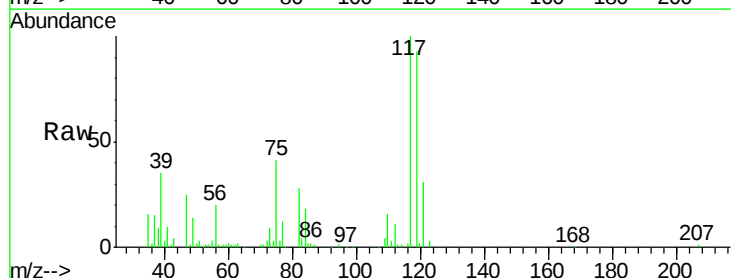
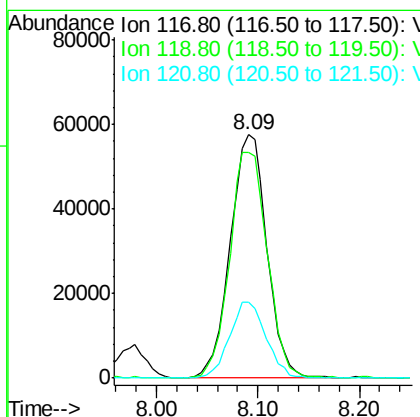
Manual Integrations
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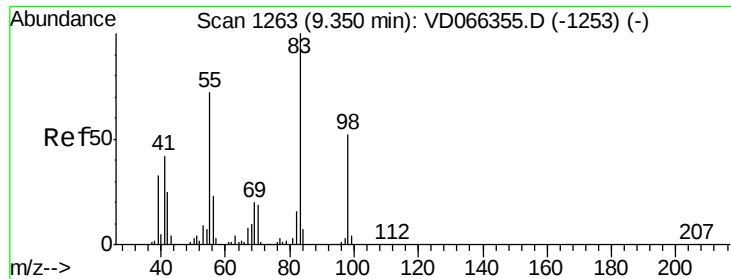
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#38
Carbon Tetrachloride
Concen: 51.681 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.2	115.8
121	31.1	25.8	38.8





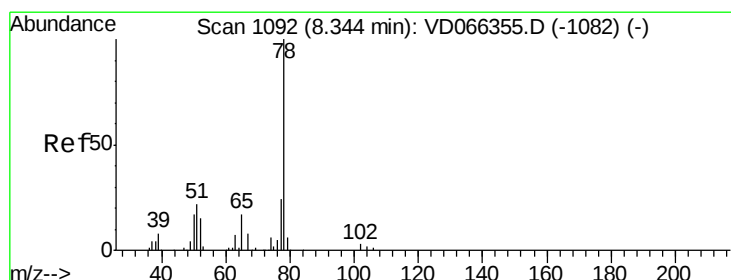
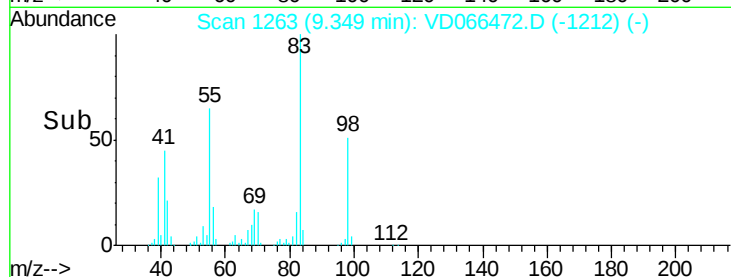
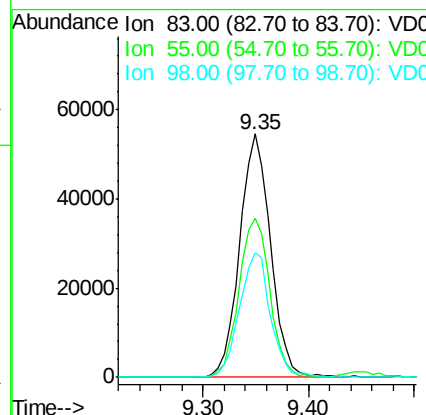
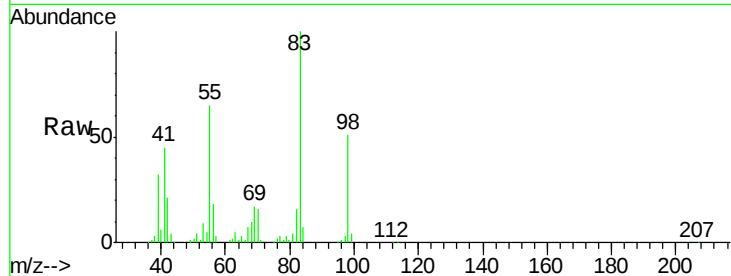
#39
Methvlcvclohexane
Concen: 43.789 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.2	58.0	87.0
98	51.2	41.9	62.9

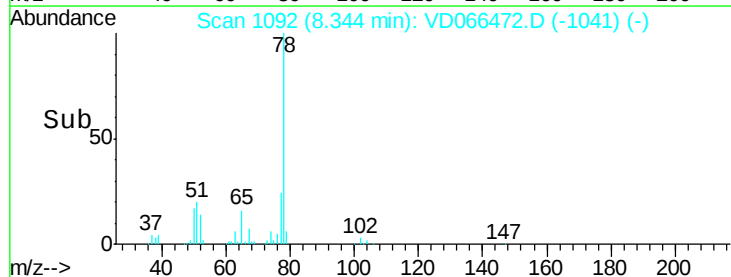
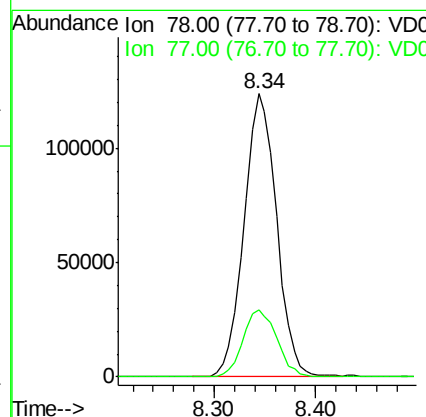
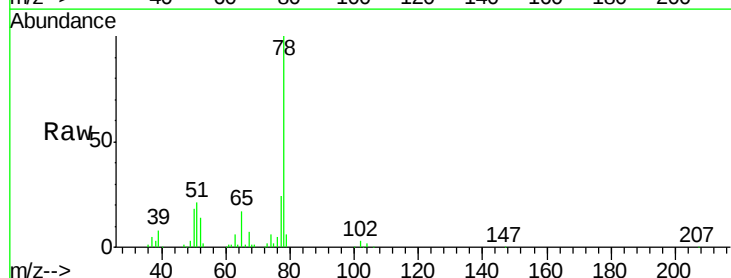
Manual Integrations
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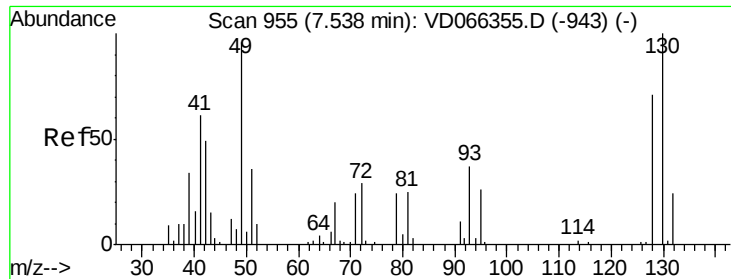
MMDadoda
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#40
Benzene
Concen: 48.974 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





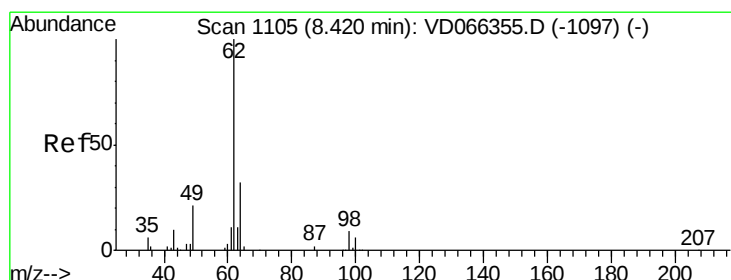
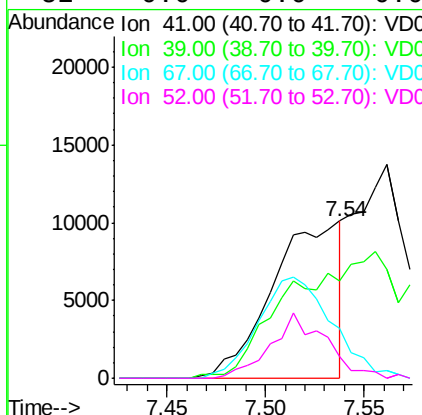
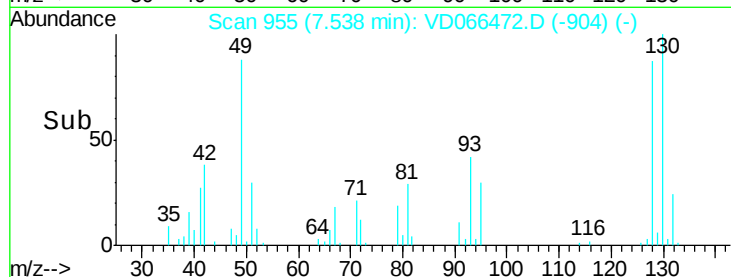
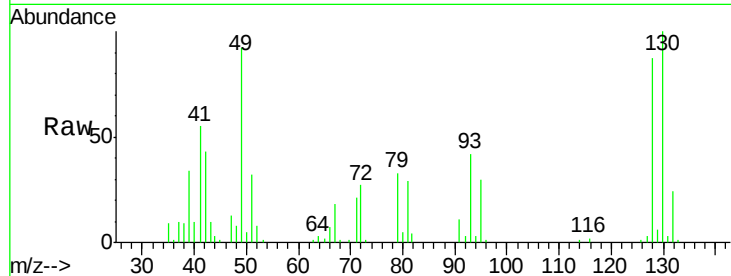
#41
Methacrylonitrile
Concen: 54.891 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	137.9	51.8	77.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

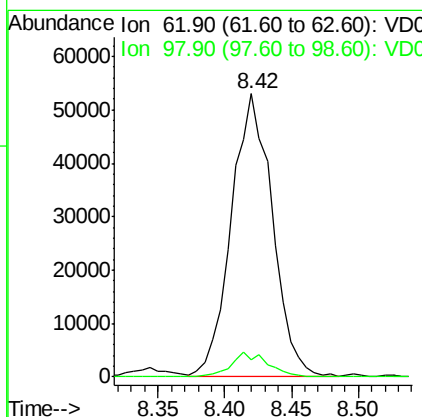
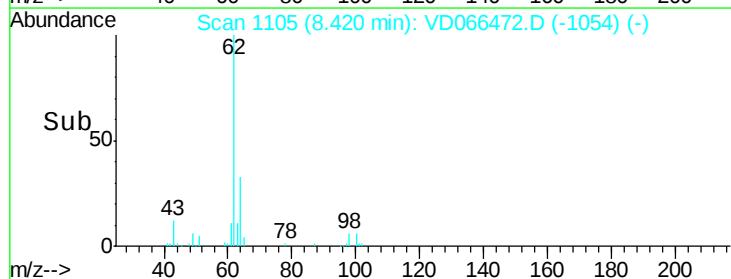
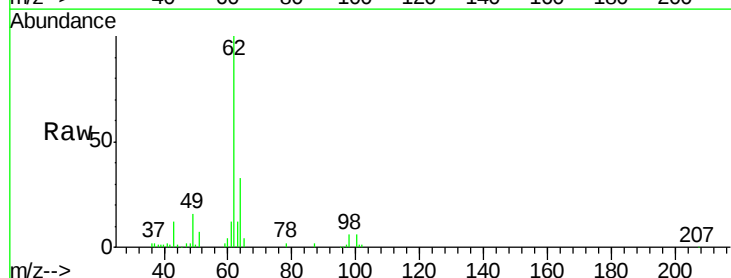
Manual Integrations
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8/31/2020 11:58:36 AM



#42
1,2-Dichloroethane
Concen: 56.729 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.2





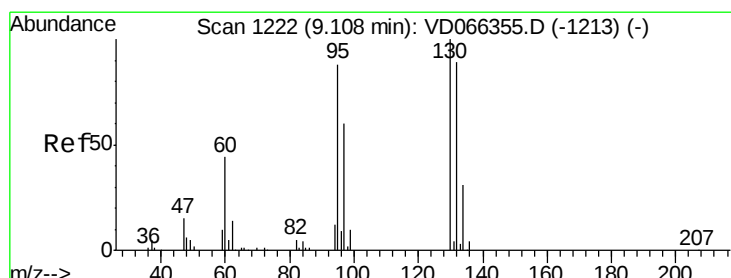
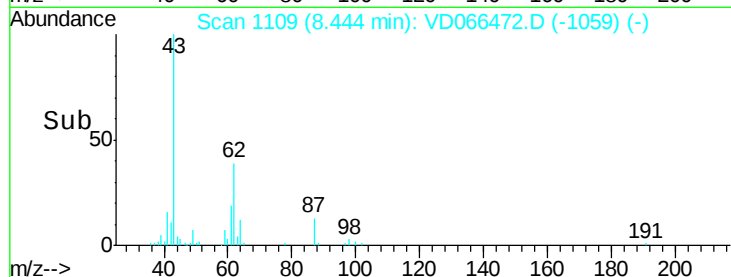
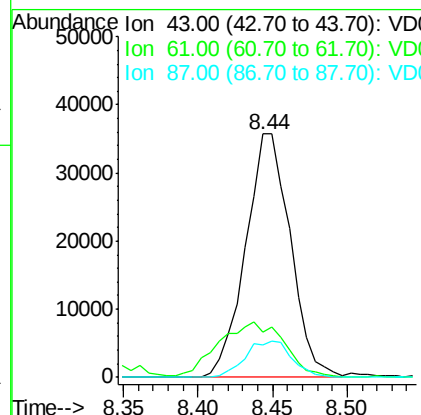
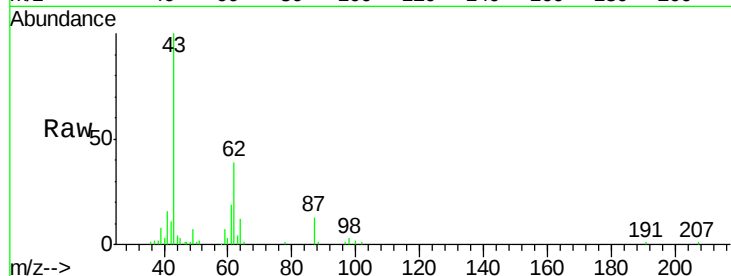
#43
Isopropyl Acetate
Concen: 50.711 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.5	26.5	39.7
87	15.6	11.9	17.9

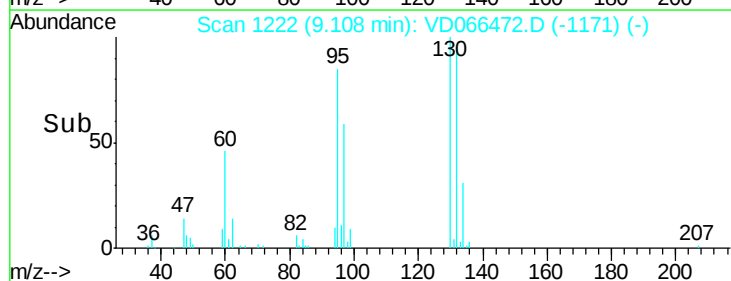
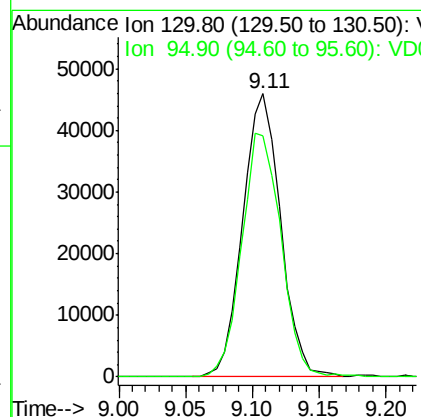
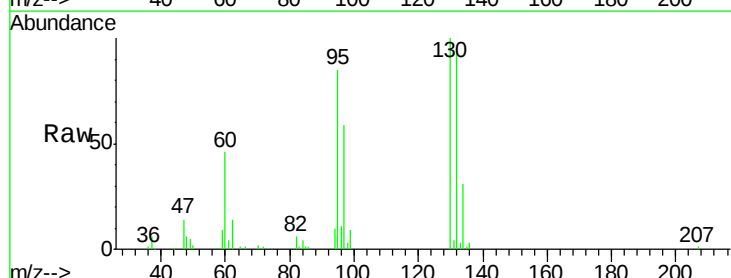
Manual Integrations
APPROVED

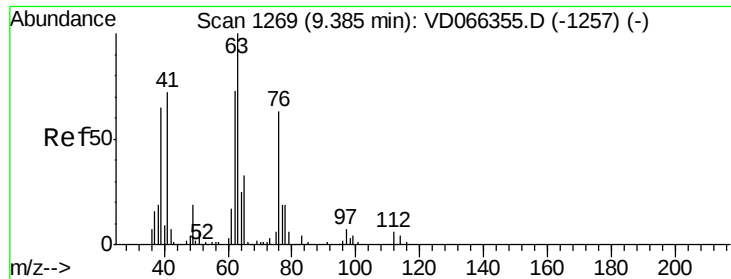
MMDadoda
8/31/2020 11:58:36 AM



#44
Trichloroethene
Concen: 49.220 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.0	0.0	175.6





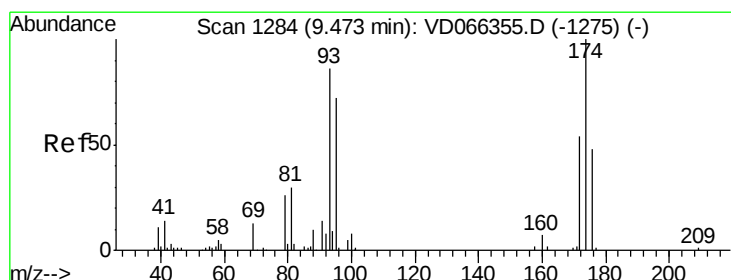
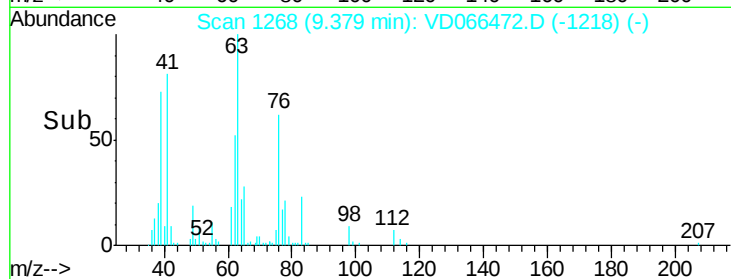
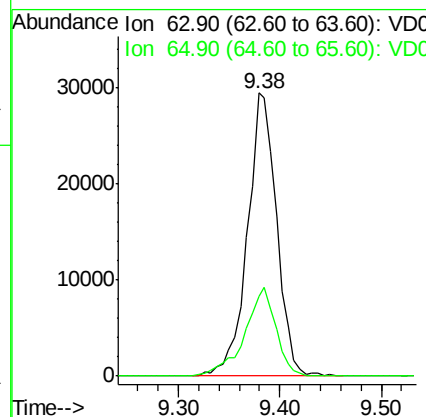
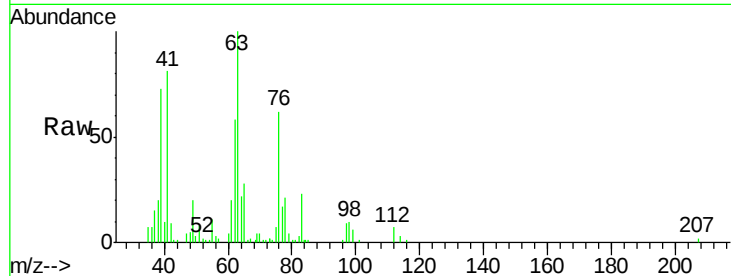
#45
 1,2-Dichloropropane
 Concen: 46.121 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 58956
 Ion Ratio Lower Upper
 63 100
 65 28.1 26.4 39.6

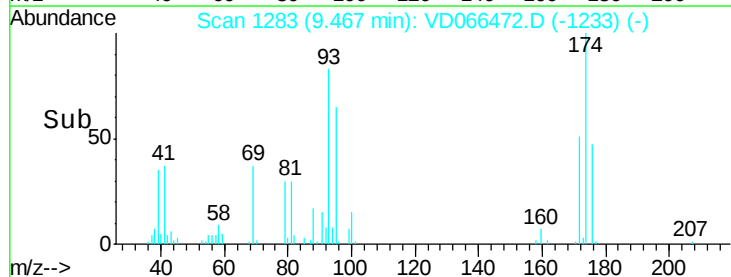
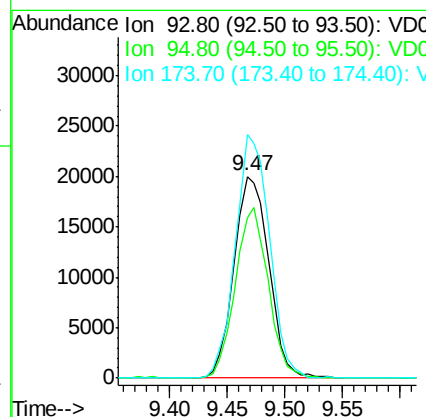
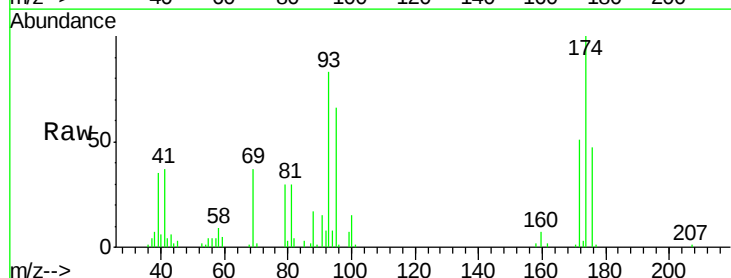
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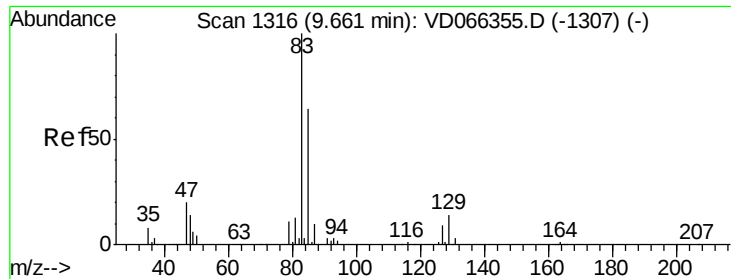
MMDadoda
 8/31/2020 11:58:36 AM



#46
 Dibromomethane
 Concen: 52.645 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion: 93 Resp: 41900
 Ion Ratio Lower Upper
 93 100
 95 79.9 66.0 99.0
 174 118.2 94.6 141.8





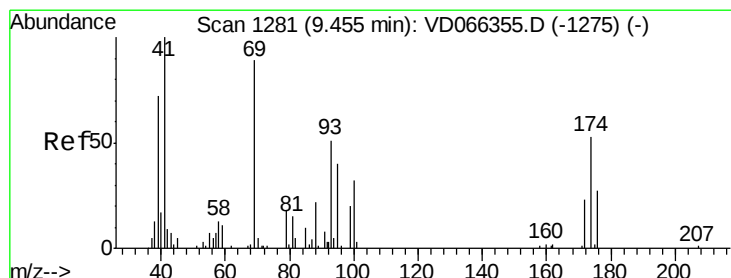
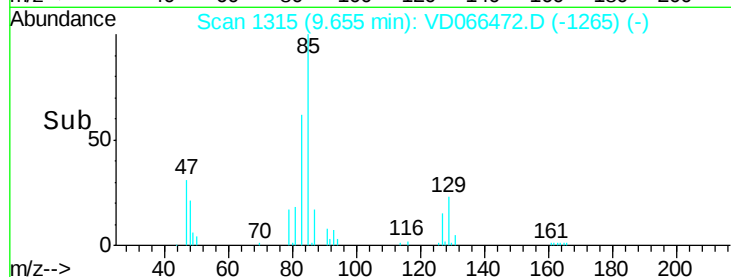
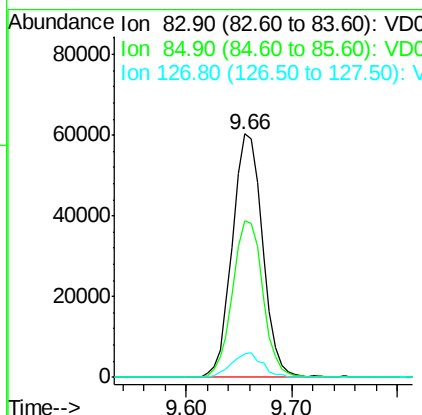
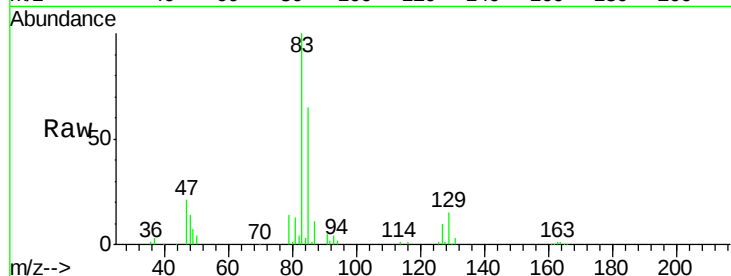
#47
Bromodichloromethane
Concen: 54.773 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	119886		
85	64.6		51.4	77.0
127	9.6		7.4	11.0

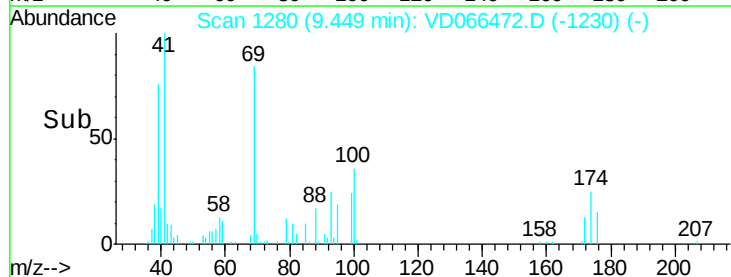
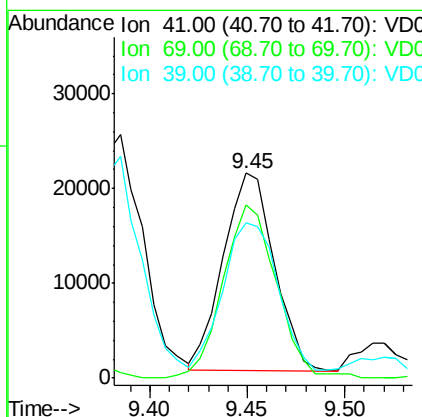
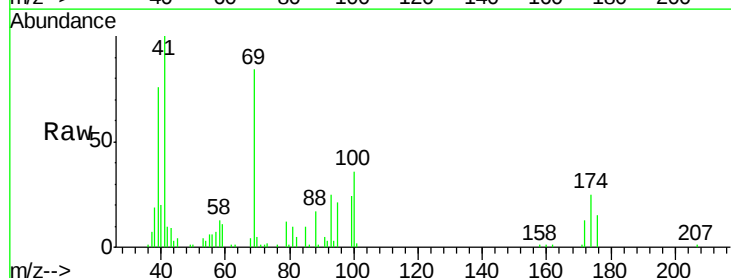
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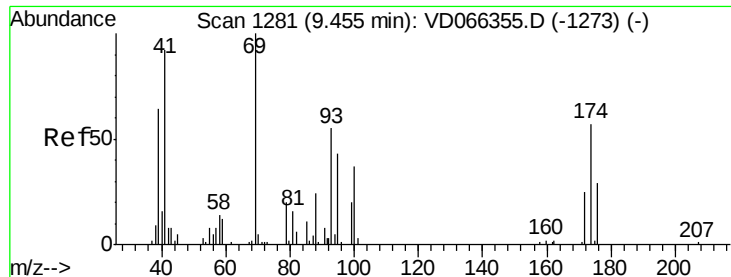
MMDadoda
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#48
Methyl methacrylate
Concen: 49.957 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	37694		
69	91.8		75.5	113.3
39	89.3		57.0	85.4#





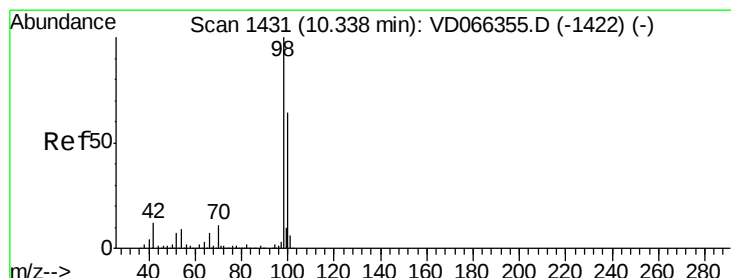
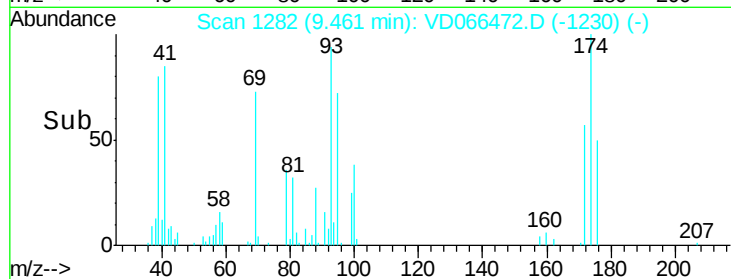
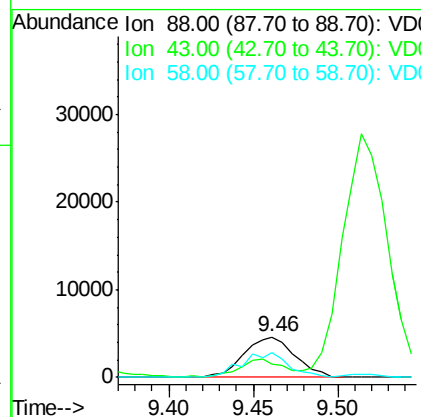
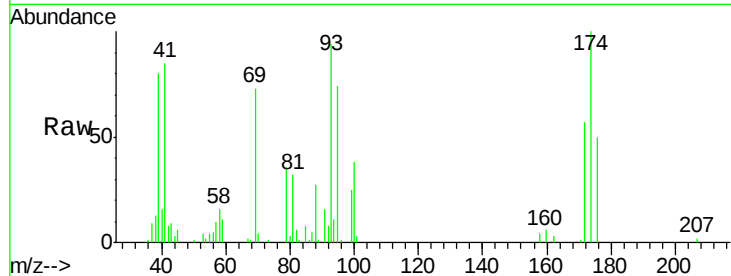
#49
1,4-Dioxane
Concen: 1043.648 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	9645		
43	41.3		29.4	44.0
58	56.7		45.4	68.2

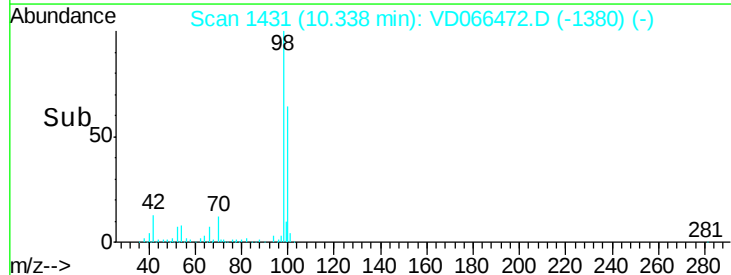
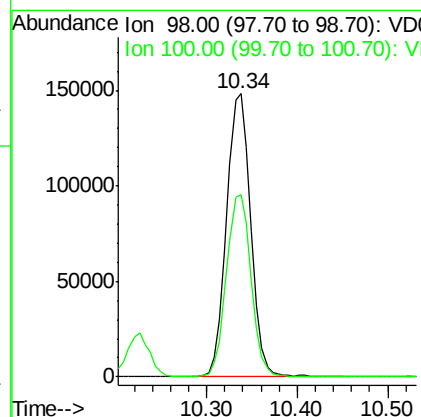
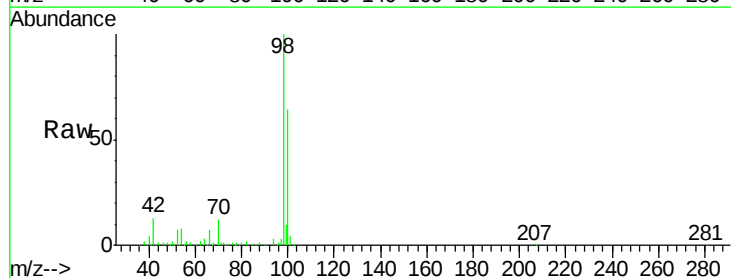
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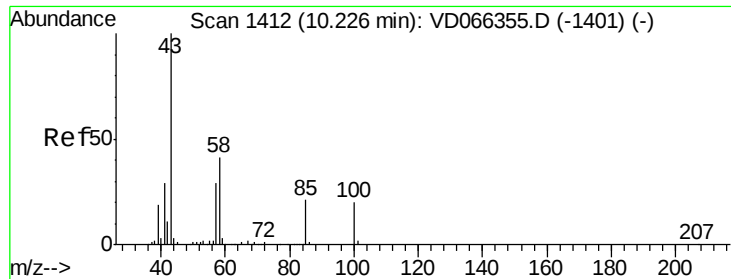
MMDadoda
8/31/2020 11:58:36 AM



#50
Toluene-d8
Concen: 51.021 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	274214		
100	65.5		53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 254.682 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 180275

Ion Ratio Lower Upper

43 100

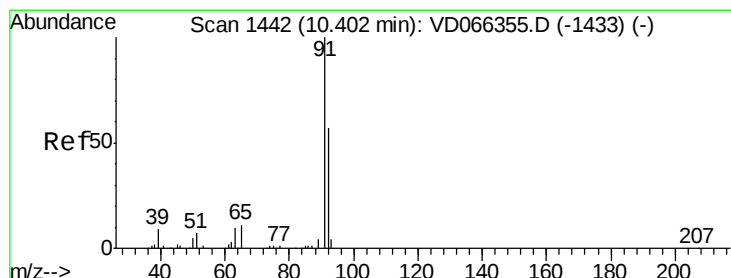
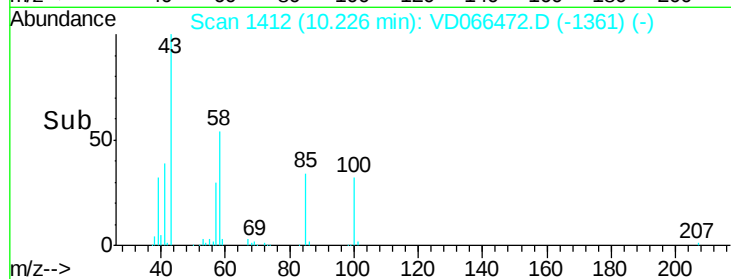
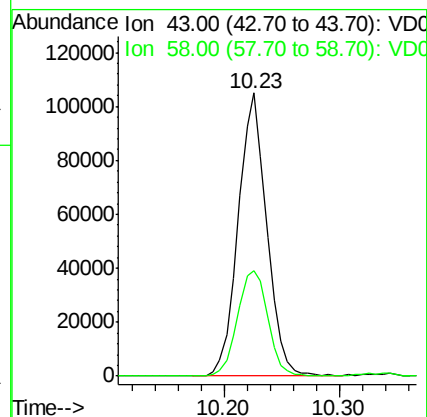
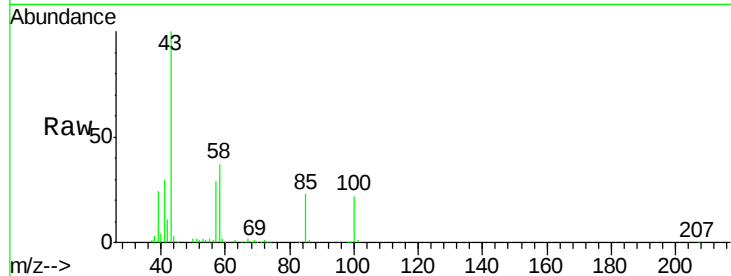
58 39.4 31.4 47.2

Manual Integrations

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#52

Toluene

Concen: 50.305 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066472.D

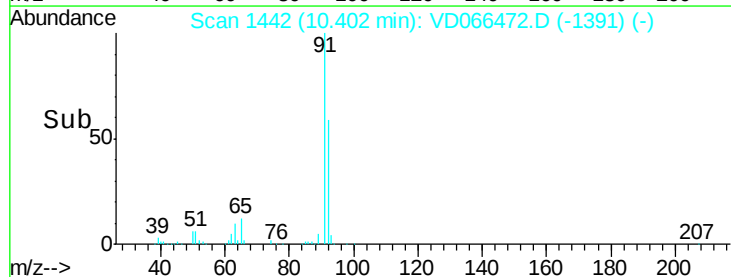
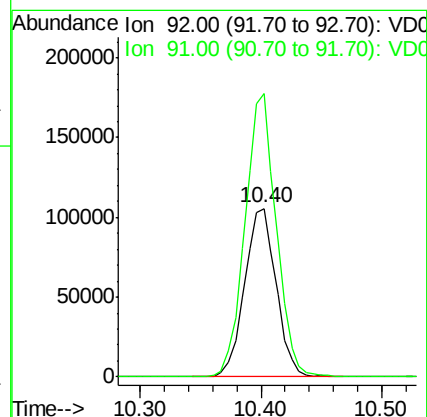
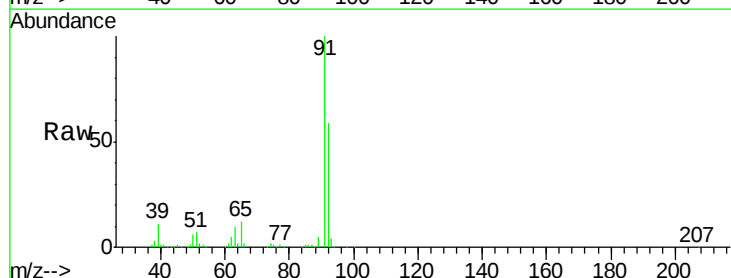
Acq: 28 Aug 2020 20:53

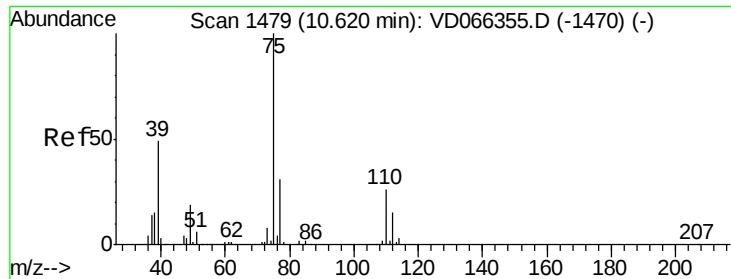
Tgt Ion: 92 Resp: 192173

Ion Ratio Lower Upper

92 100

91 167.4 135.8 203.6





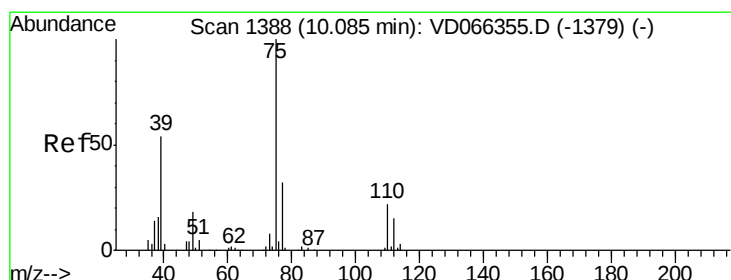
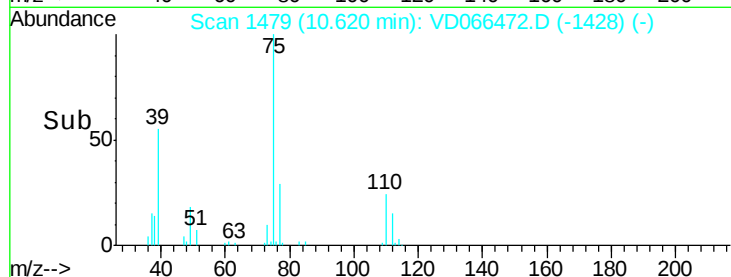
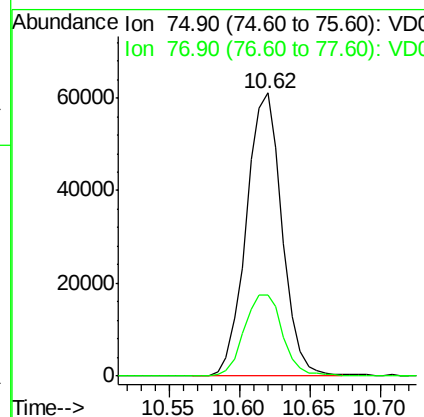
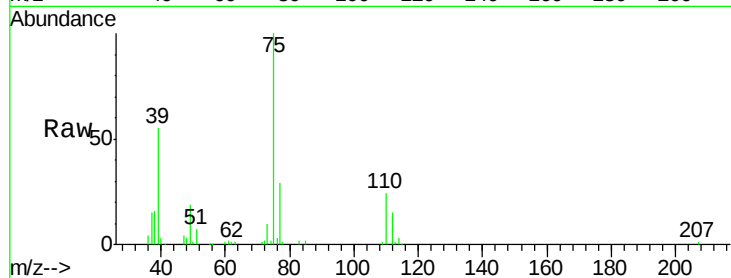
#53
t-1,3-Dichloropropene
Concen: 52.228 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	108470
Ion Ratio	Lower	Upper	
75	100		
77	28.8	24.5	36.7

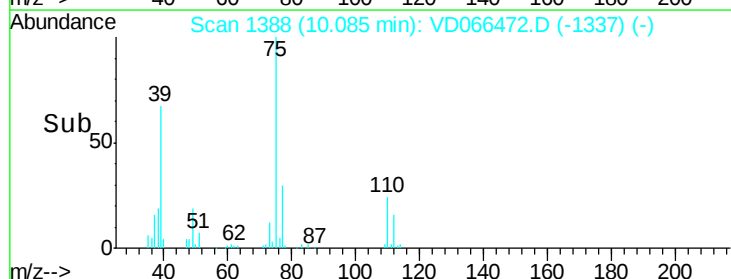
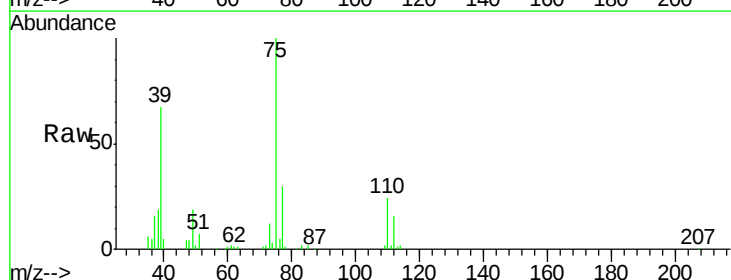
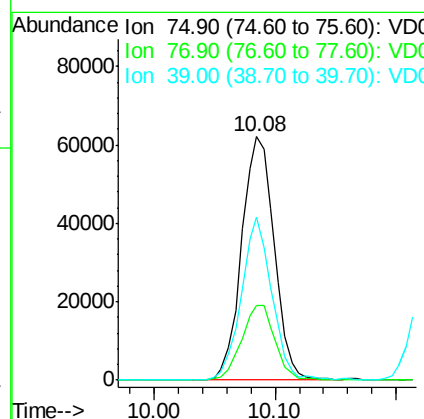
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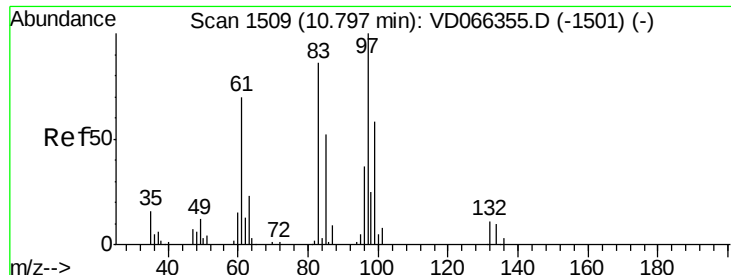
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#54
cis-1,3-Dichloropropene
Concen: 50.179 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	75	Resp	116978
Ion Ratio	Lower	Upper	
75	100		
77	30.4	25.6	38.4
39	67.1	43.4	65.0#





#55

1,1,2-Trichloroethane

Concen: 51.029 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

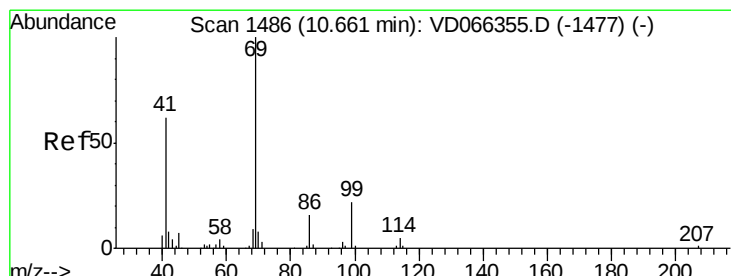
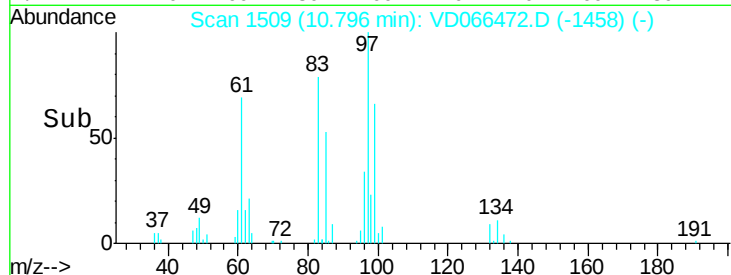
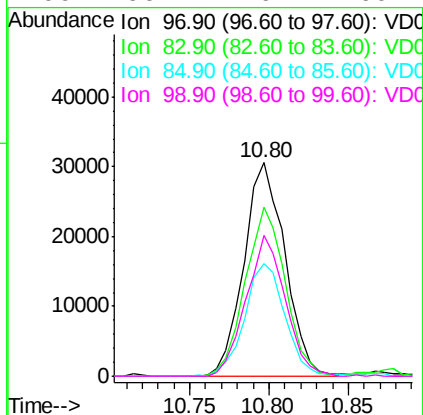
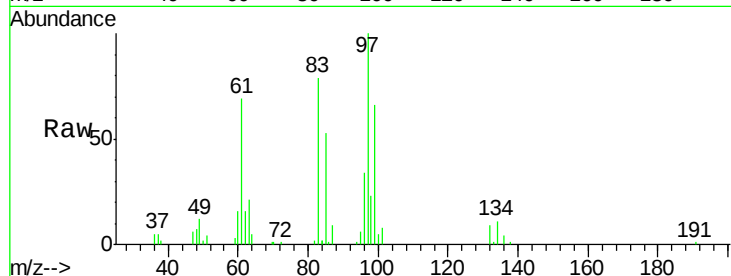
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	54982
Ion	Ratio	Lower	Upper
97	100		
83	79.3	68.4	102.6
85	52.5	41.3	61.9
99	66.1	46.1	69.1

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#56

Ethyl methacrylate

Concen: 53.582 ug/l

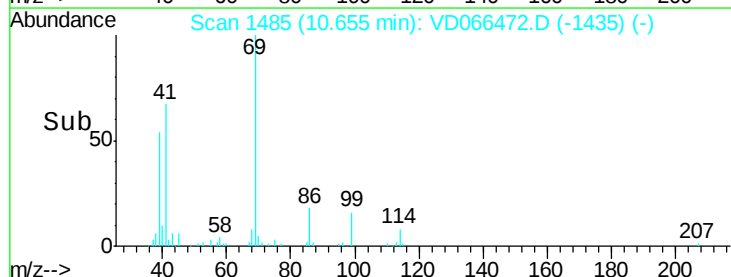
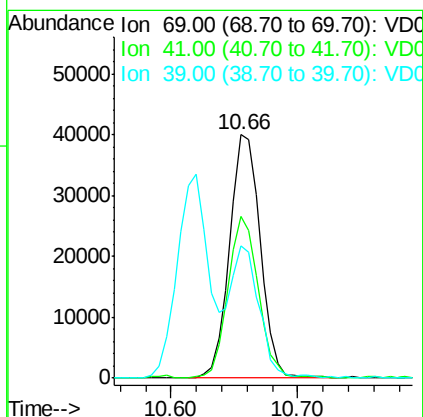
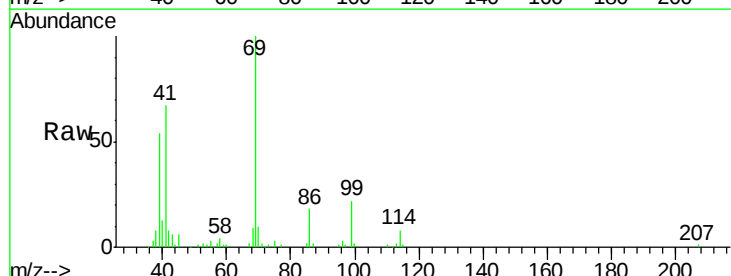
RT: 10.66 min Scan# 1485

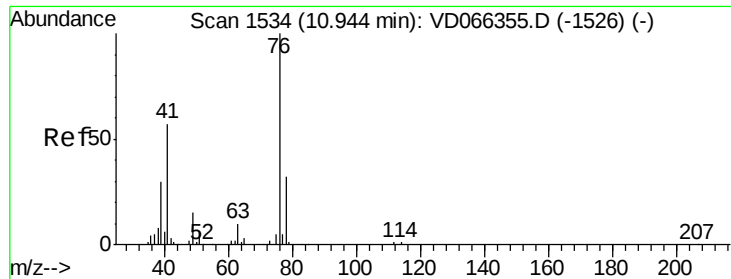
Delta R.T. -0.01 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion:	69	Resp:	66832
Ion	Ratio	Lower	Upper
69	100		
41	66.4	50.8	76.2
39	53.2	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 50.025 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 89156

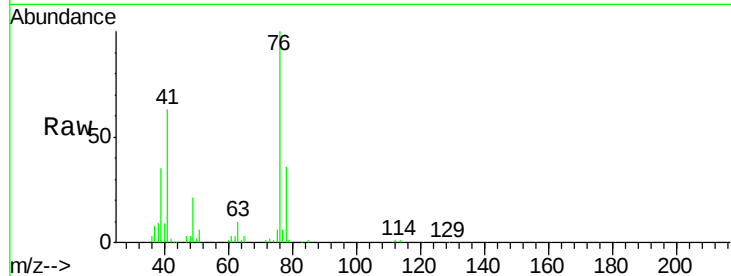
Ion Ratio Lower Upper

76 100

78 33.5 25.6 38.4

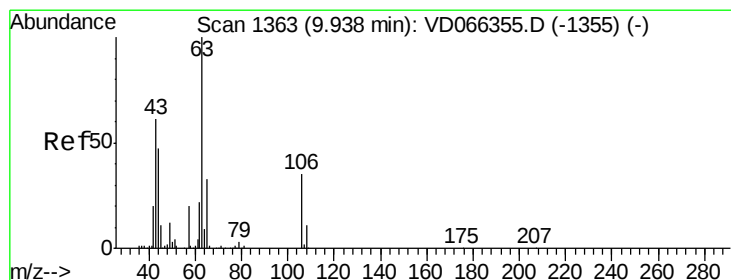
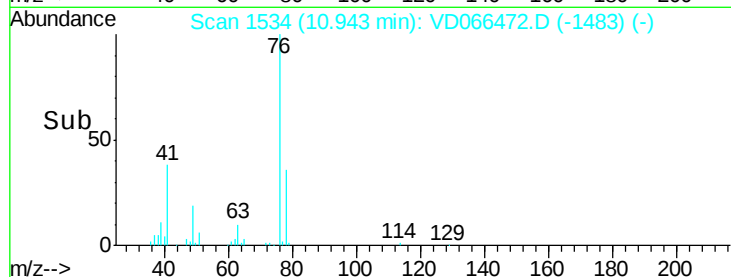
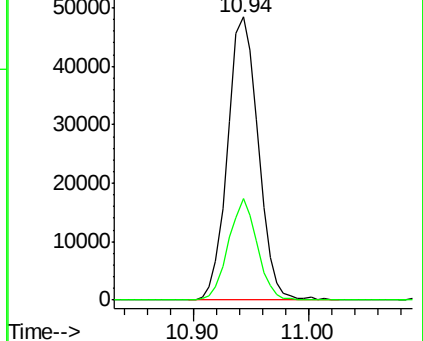
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 267.129 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066472.D

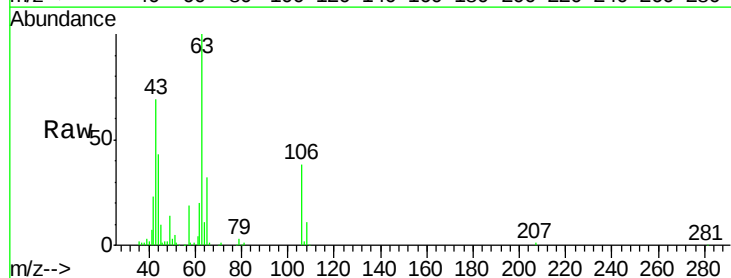
Acq: 28 Aug 2020 20:53

Tgt Ion: 63 Resp: 138382

Ion Ratio Lower Upper

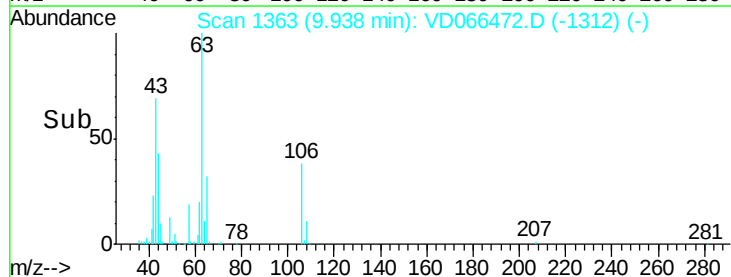
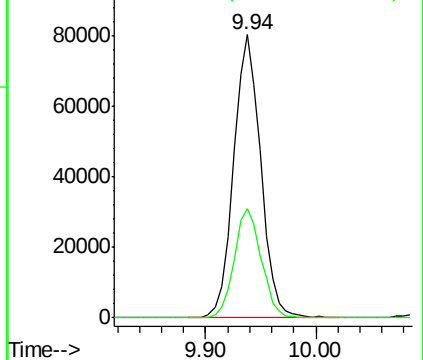
63 100

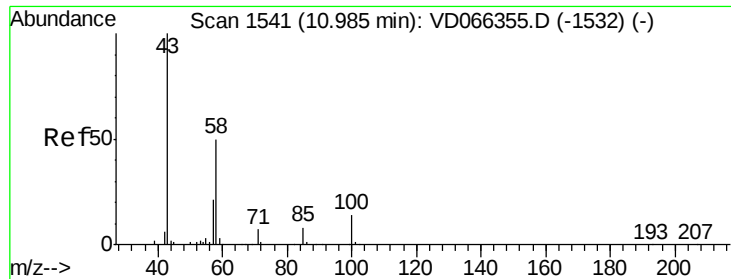
106 38.6 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





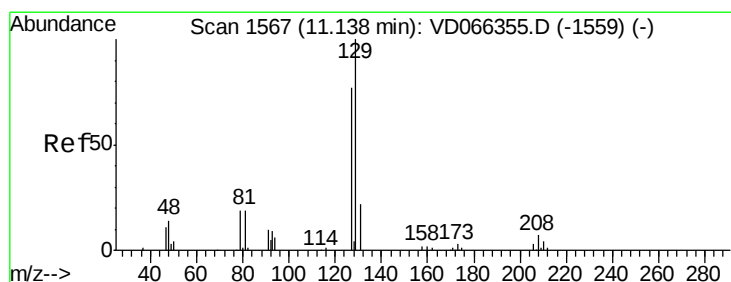
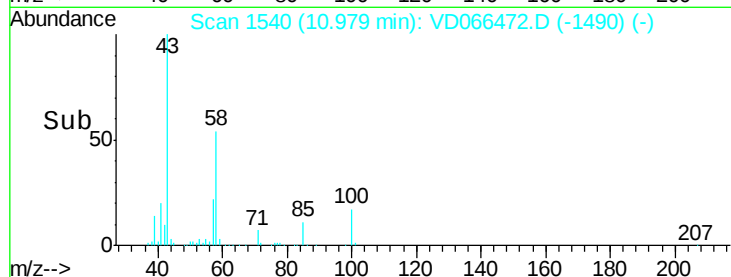
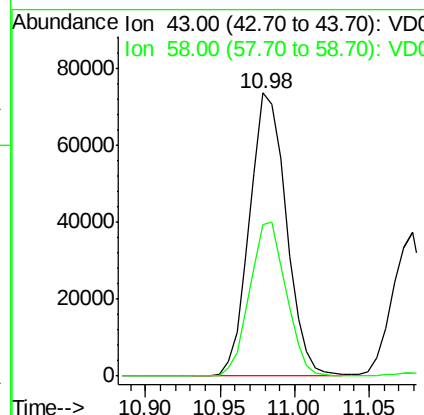
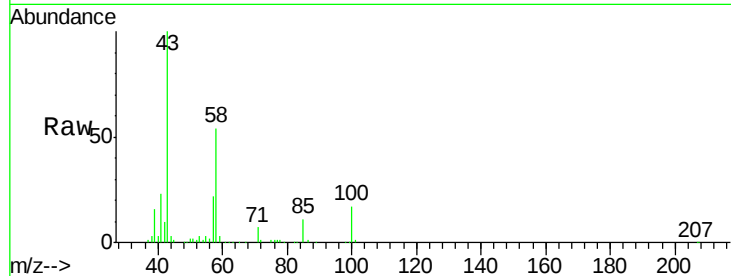
#59
2-Hexanone
Concen: 251.985 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 125813
Ion Ratio Lower Upper
43 100
58 54.0 26.3 78.8

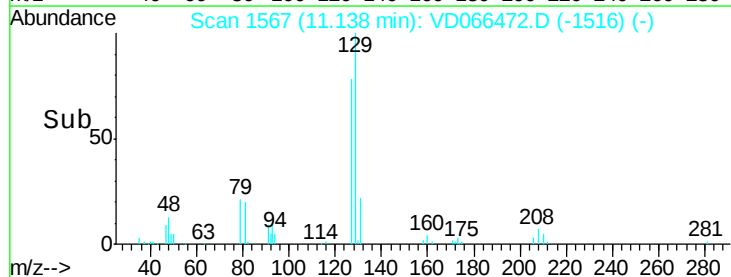
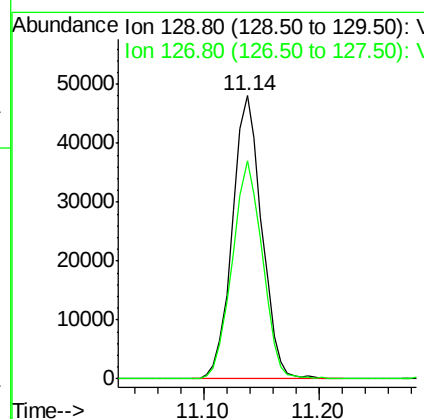
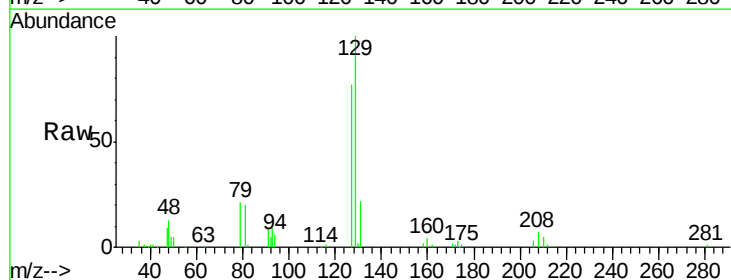
Manual Integrations
APPROVED

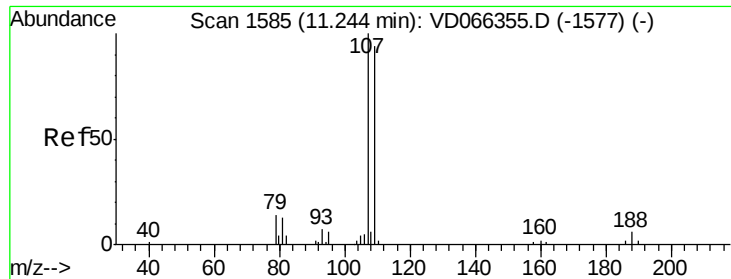
MMDadoda
8/31/2020 11:58:36 AM



#60
Dibromochloromethane
Concen: 52.303 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion: 129 Resp: 84945
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0





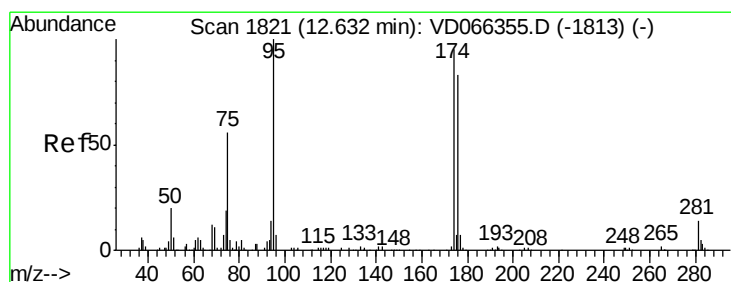
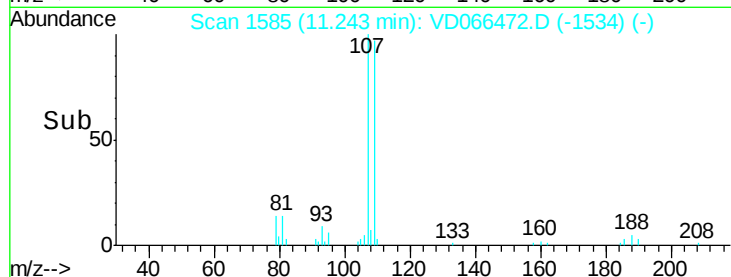
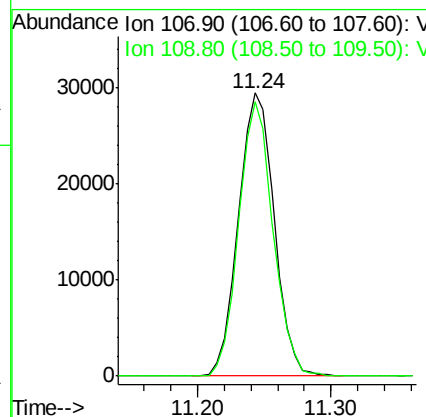
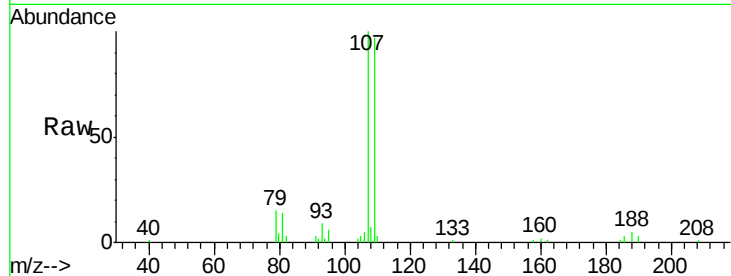
#61
 1,2-Dibromoethane
 Concen: 51.507 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.8	116.8

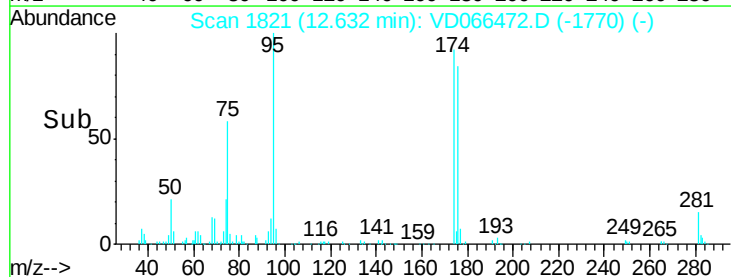
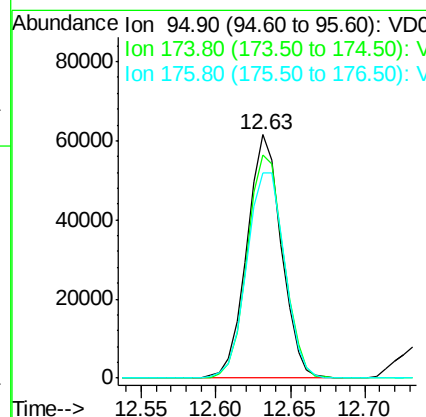
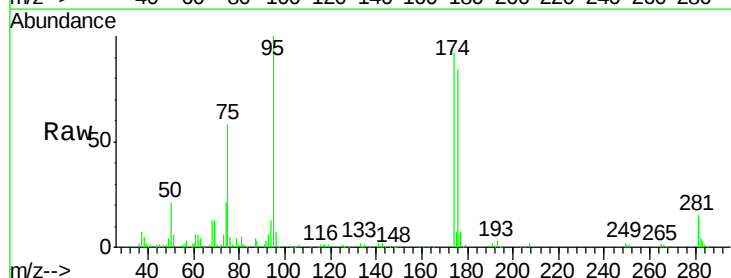
Manual Integrations
 APPROVED

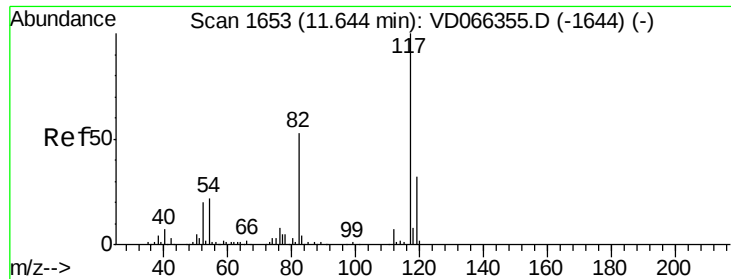
MMDadoda
 8/31/2020 11:58:36 AM



#62
 4-Bromofluorobenzene
 Concen: 51.521 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	183.4
176	92.5	0.0	173.8





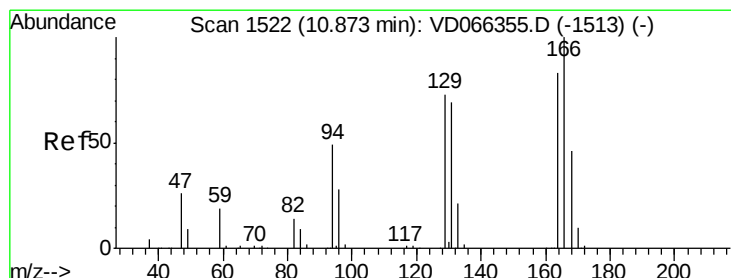
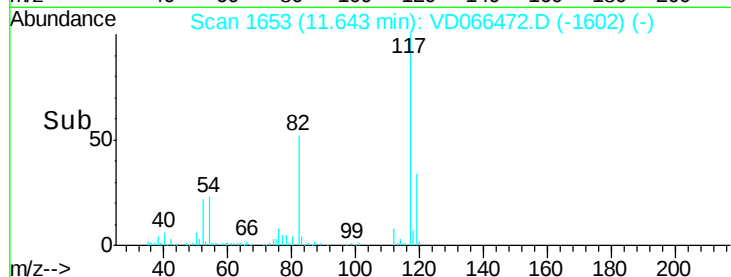
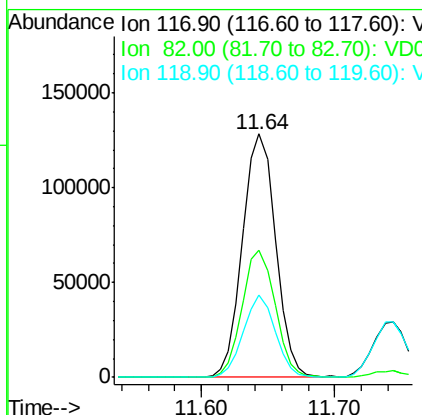
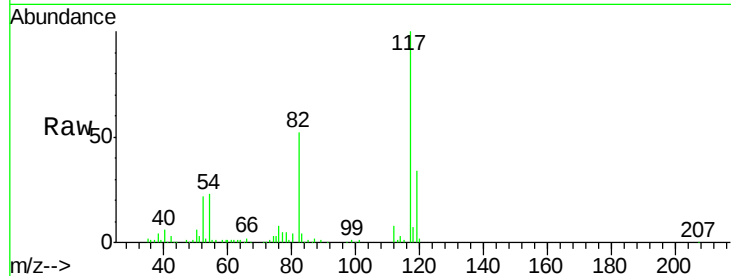
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	221090		
82	52.0		42.8	64.2
119	34.0		25.8	38.8

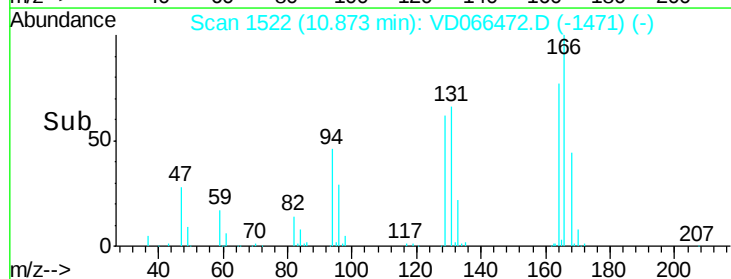
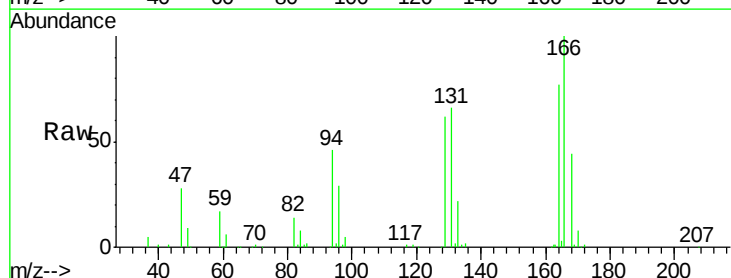
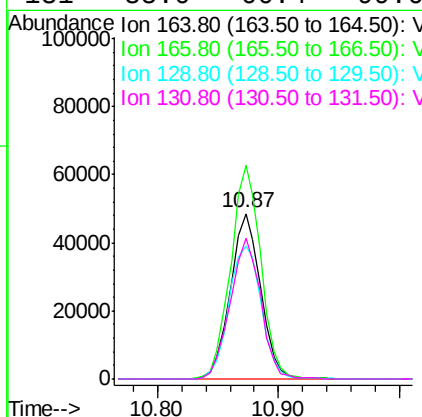
Manual Integrations
APPROVED

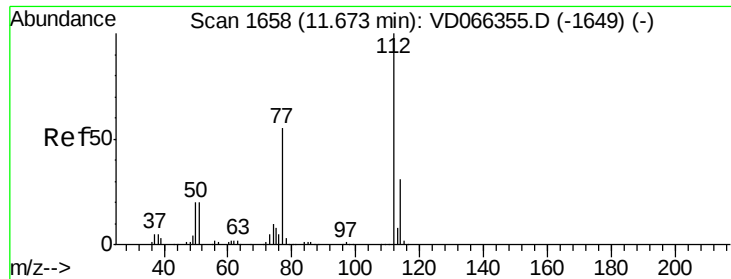
MMDadoda
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#64
Tetrachloroethene
Concen: 50.585 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84840		
166	129.3		96.2	144.4
129	80.4		70.3	105.5
131	85.0		66.4	99.6





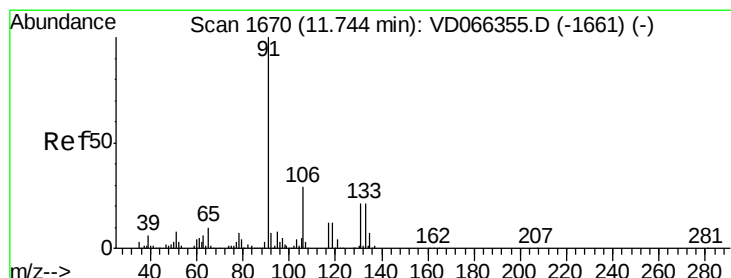
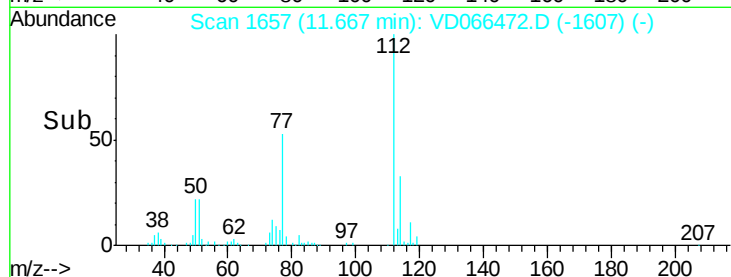
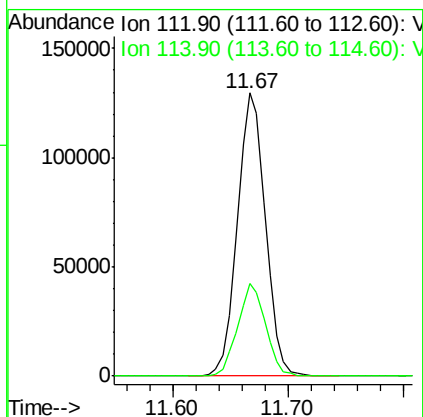
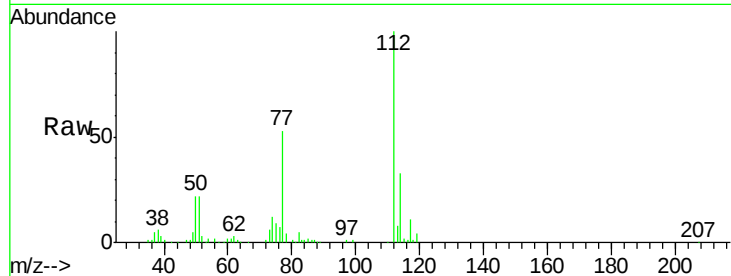
#65
Chlorobenzene
Concen: 49.368 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.1	37.7

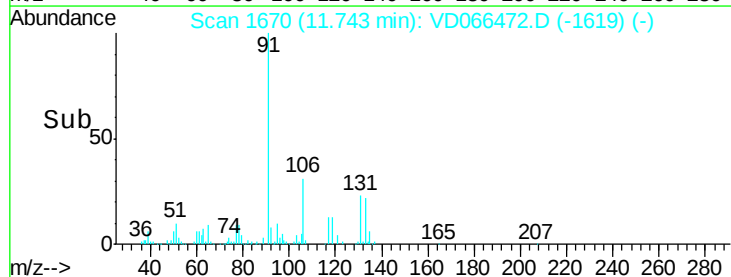
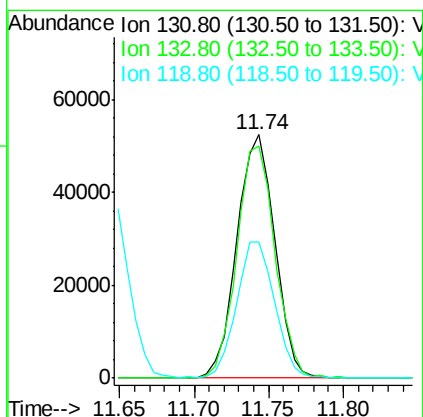
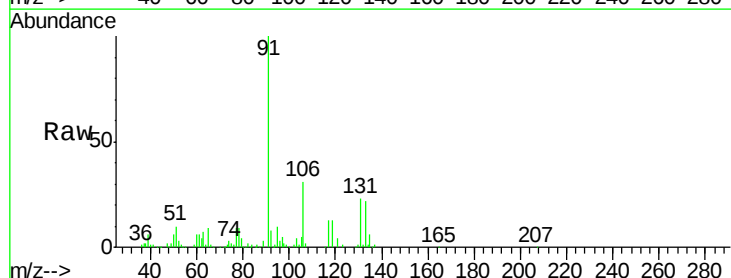
Manual Integrations
APPROVED

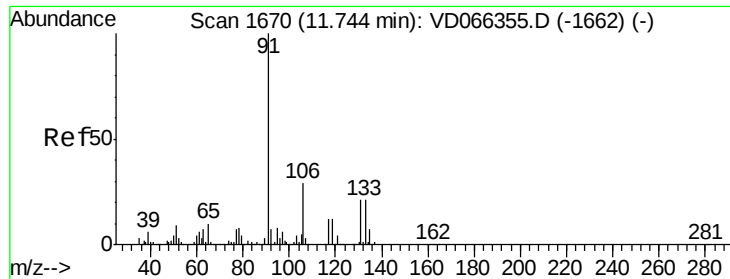
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.605 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.6	145.9
119	56.5	29.0	87.1





#67

Ethyl Benzene

Concen: 48.568 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 376044

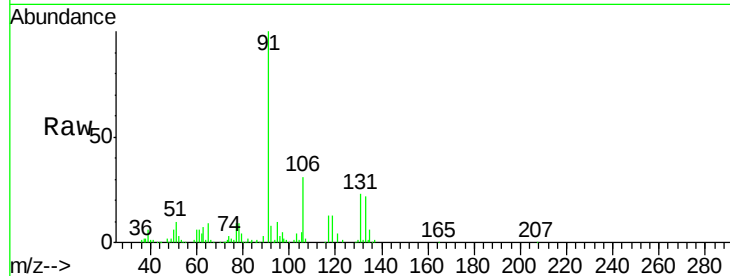
Ion Ratio Lower Upper

91 100

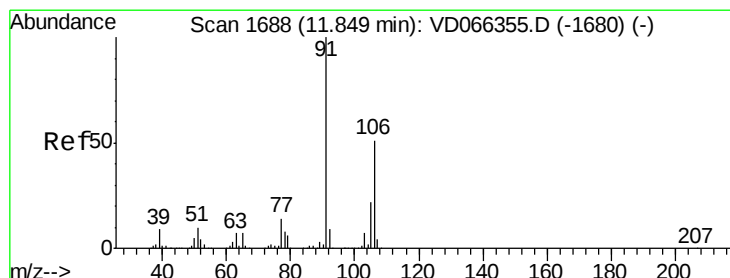
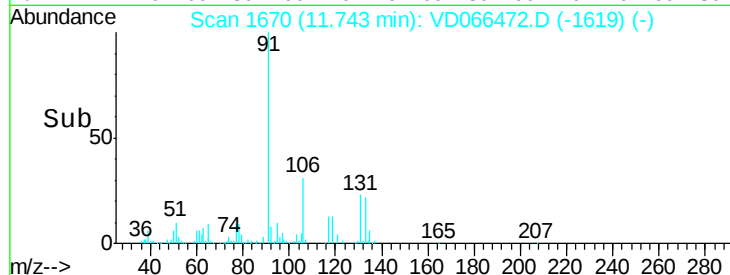
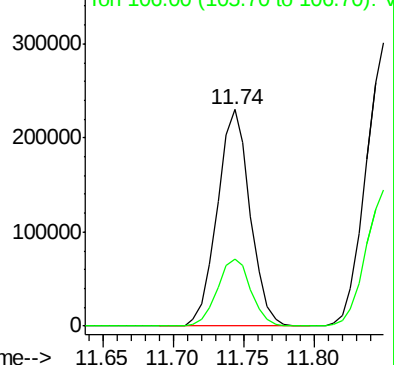
106 30.7 23.4 35.2

Manual Integrations
APPROVED

MMDadoda
8/31/2020 11:58:36 AM



Abundance Ion 91.00 (90.70 to 91.70): VD066472.D (-1619) (-)



#68

m/p-Xylenes

Concen: 97.492 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066472.D

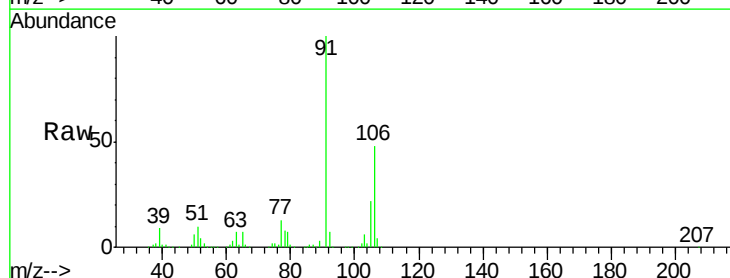
Acq: 28 Aug 2020 20:53

Tgt Ion: 106 Resp: 287712

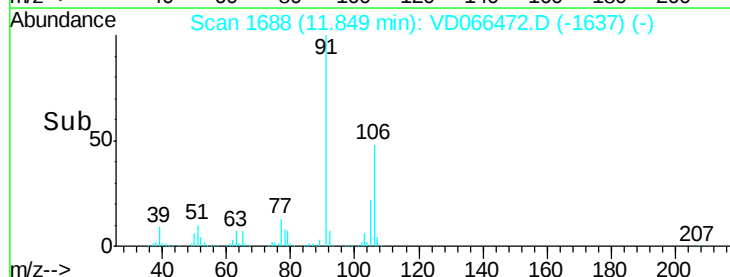
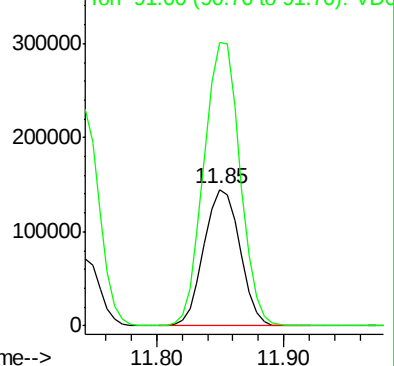
Ion Ratio Lower Upper

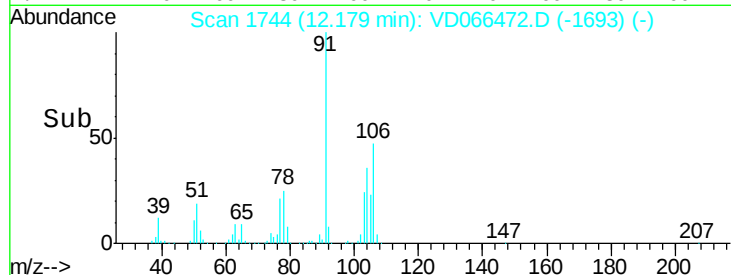
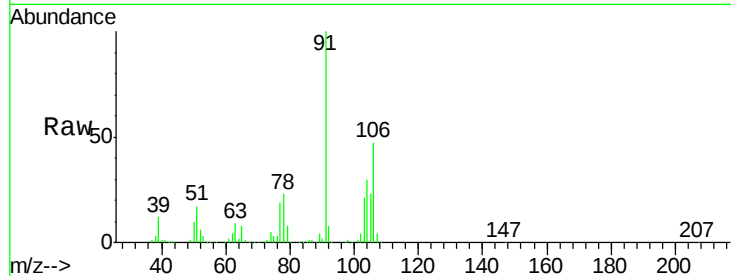
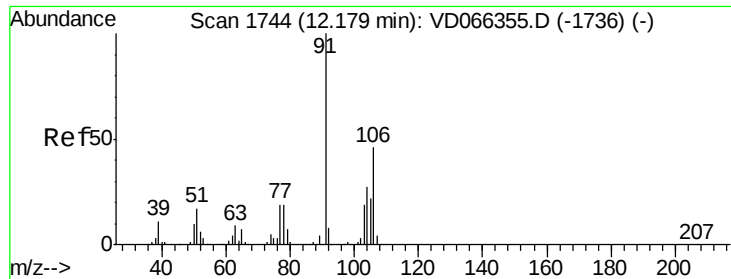
106 100

91 207.6 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066472.D (-1637) (-)





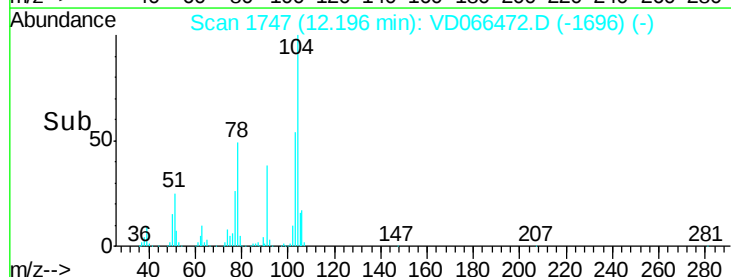
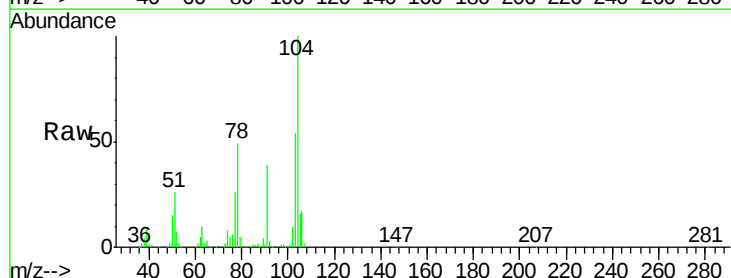
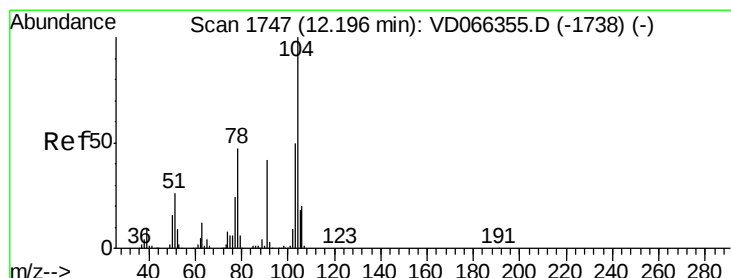
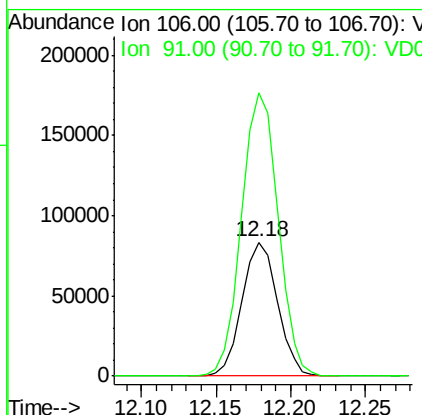
#69
o-Xylene
Concen: 50.210 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		137848		
91	217.4	109.1	327.3		

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

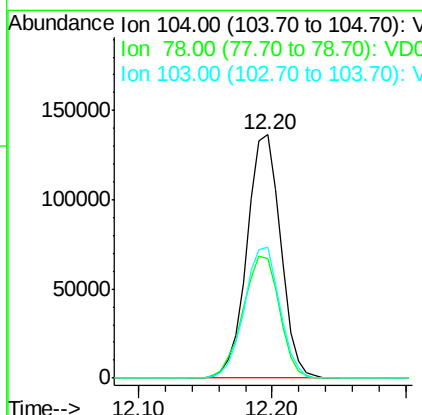
Manual Integrations
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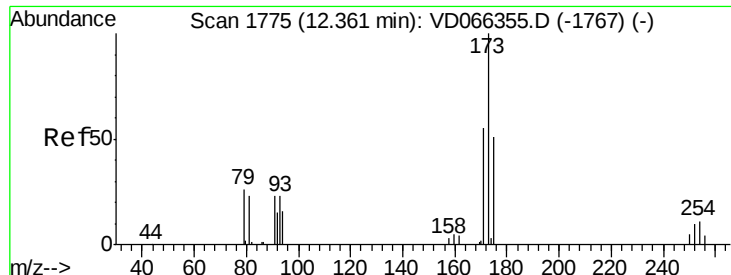
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#70
Styrene
Concen: 50.300 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		237118		
78	54.6	41.7	62.5		
103	56.7	43.5	65.3		





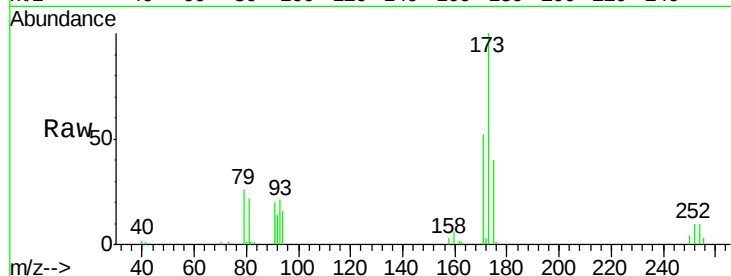
#71
Bromoform
Concen: 53.346 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

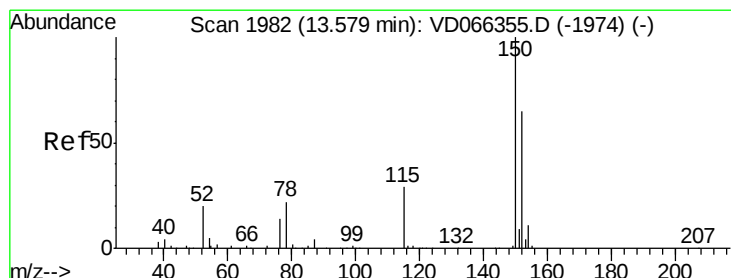
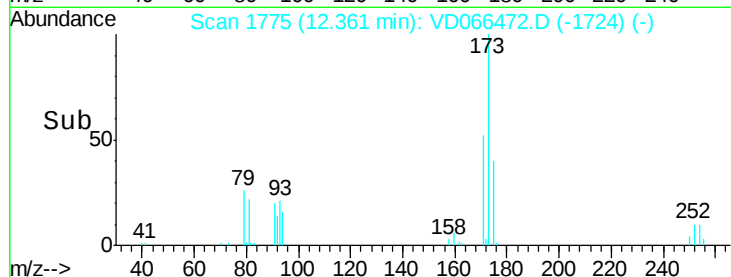
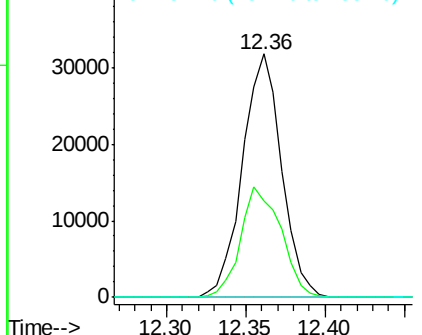
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.8	74.3
254	0.0	0.0	0.0

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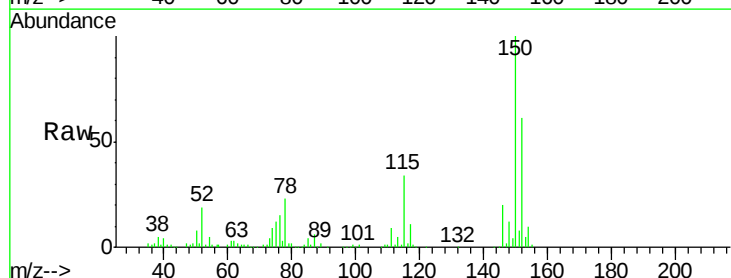


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

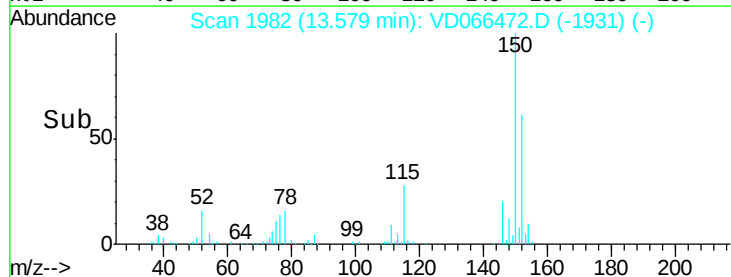
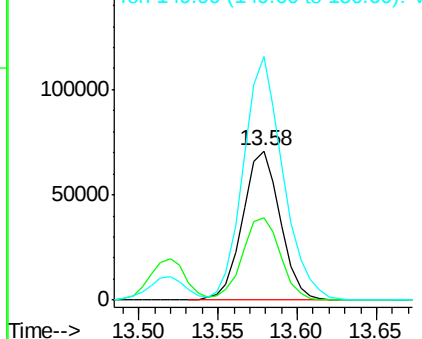


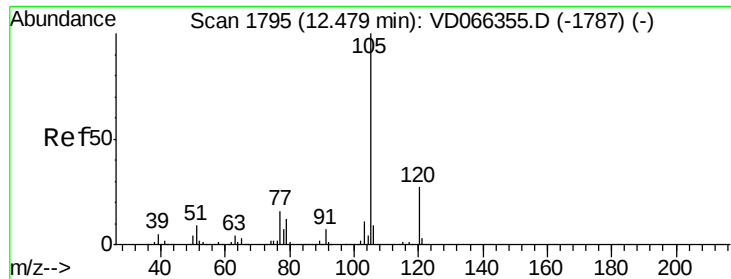
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.3	85.0
150	172.0	0.0	343.2



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: 48.316 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 377181

Ion Ratio Lower Upper

105 100

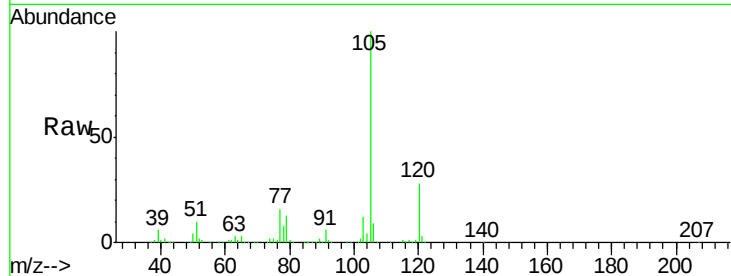
120 26.6 13.6 40.8

Manual Integrations

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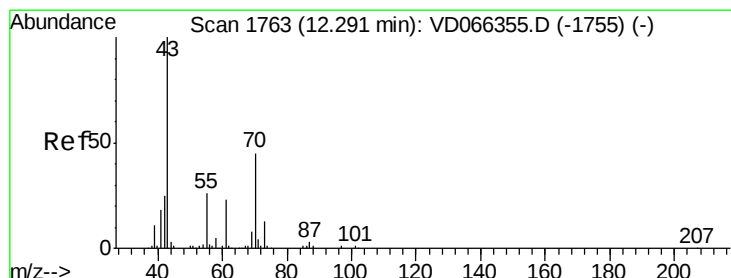
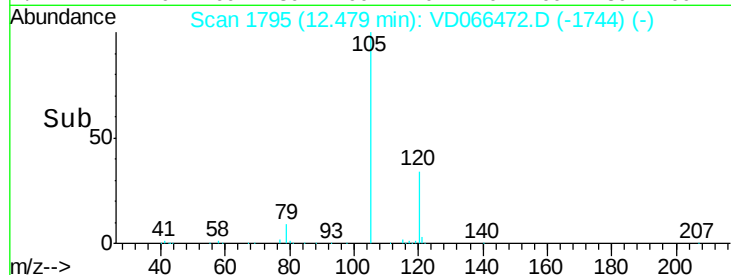
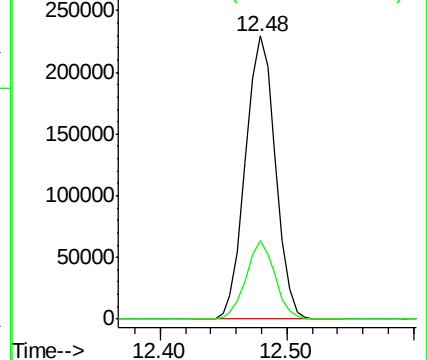
MMDadoda

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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: 47.619 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion: 43 Resp: 67141

Ion Ratio Lower Upper

43 100

70 44.3 34.8 52.2

55 25.8 20.3 30.5

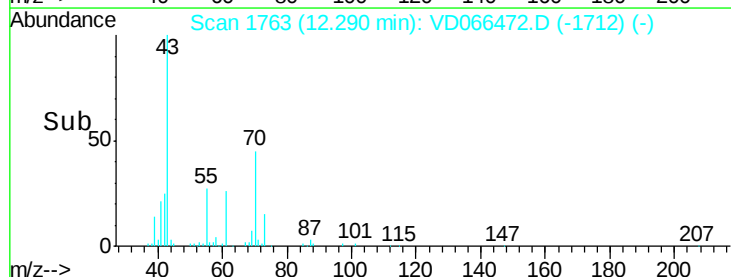
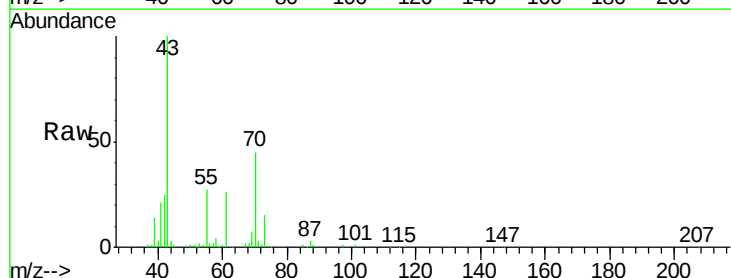
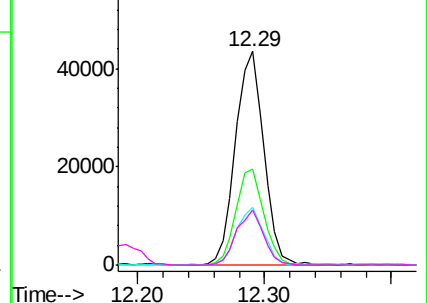
61 24.6 19.0 28.6

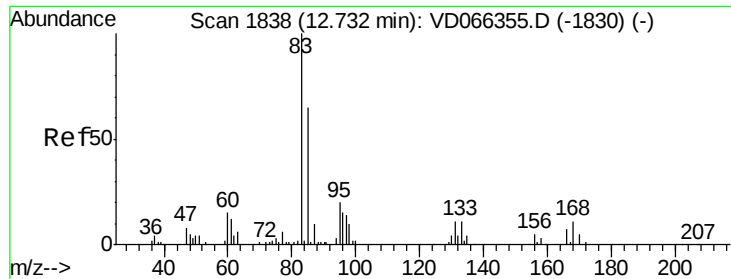
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 46.916 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

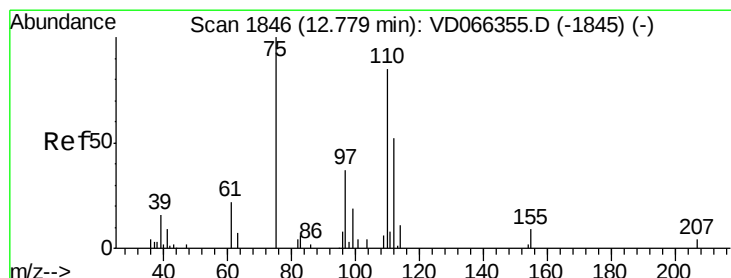
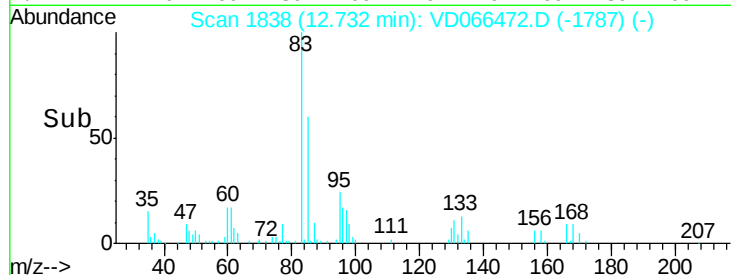
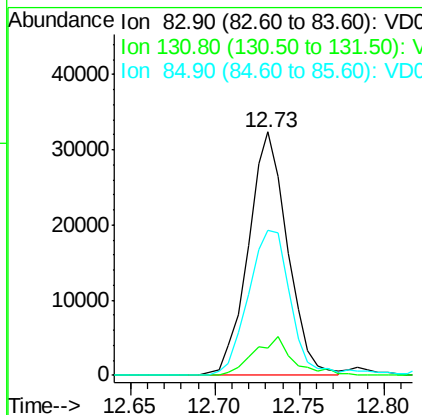
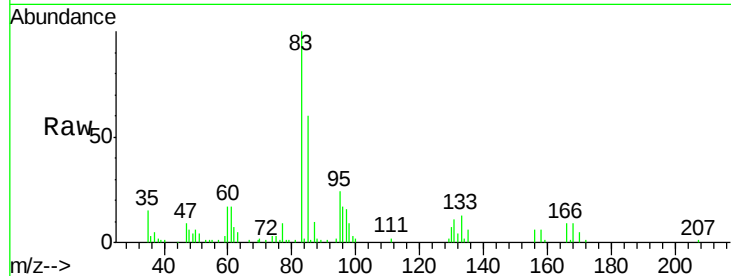
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	52321
Ion Ratio	Lower	Upper	
83	100		
131	15.8	7.0	20.9
85	63.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 53.167 ug/l m

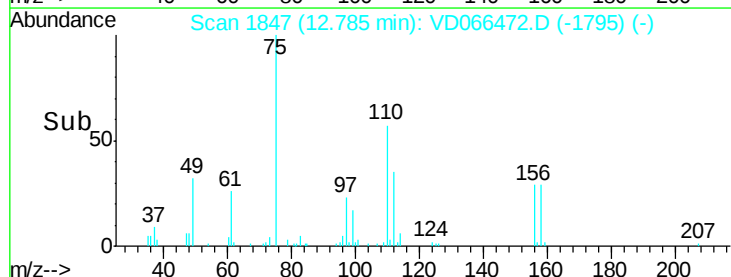
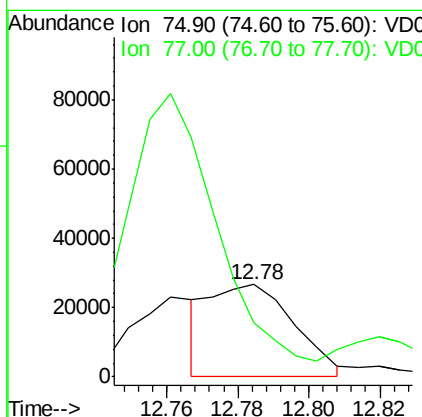
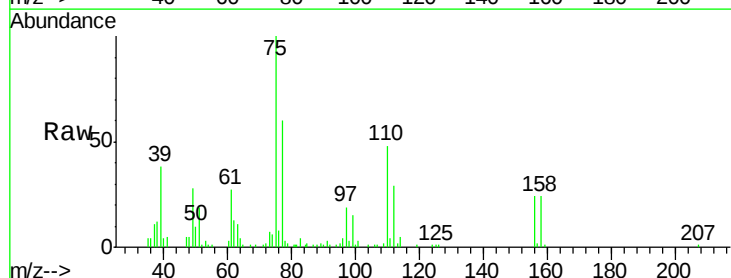
RT: 12.78 min Scan# 1847

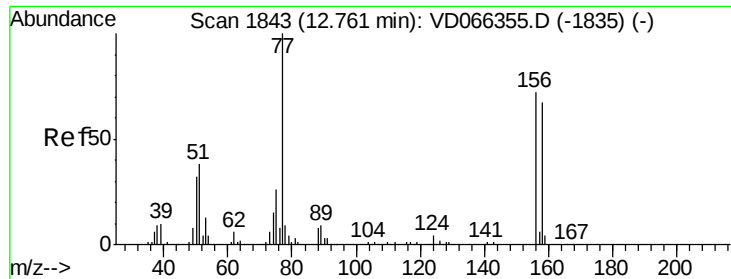
Delta R.T. 0.01 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion:	75	Resp:	43588
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 50.509 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

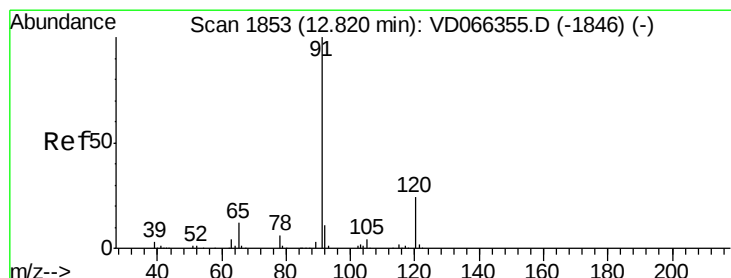
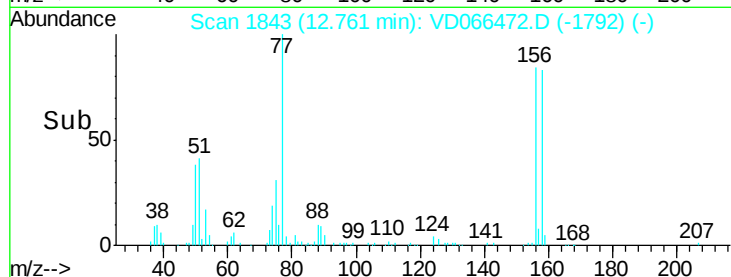
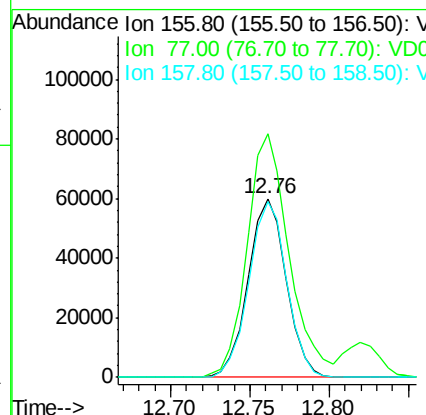
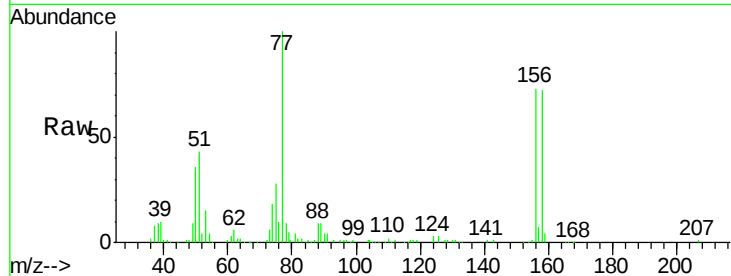
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.3	76.1	228.3
158	98.1	47.6	142.9

Manual Integrations
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#78

n-propylbenzene

Concen: 46.666 ug/l

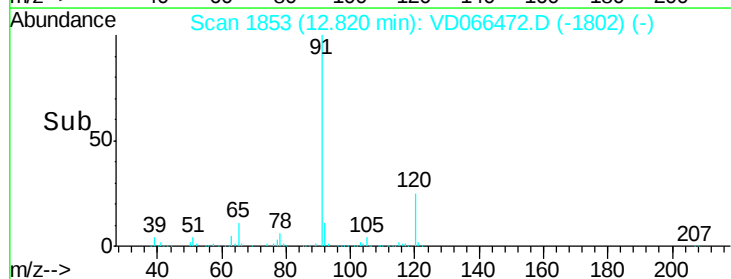
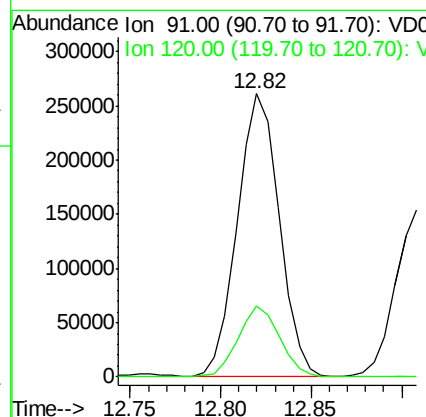
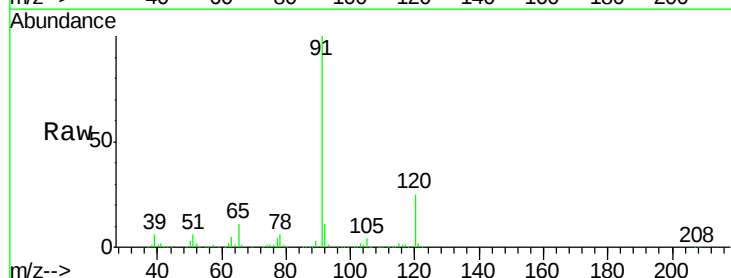
RT: 12.82 min Scan# 1853

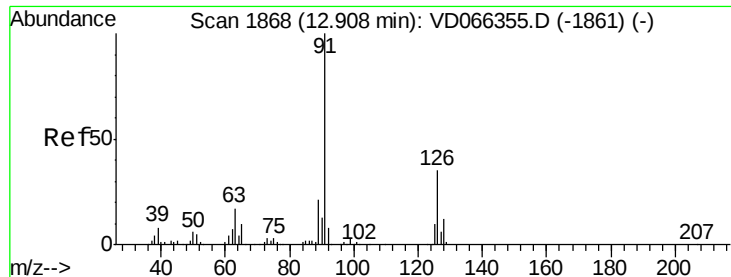
Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.0	36.0





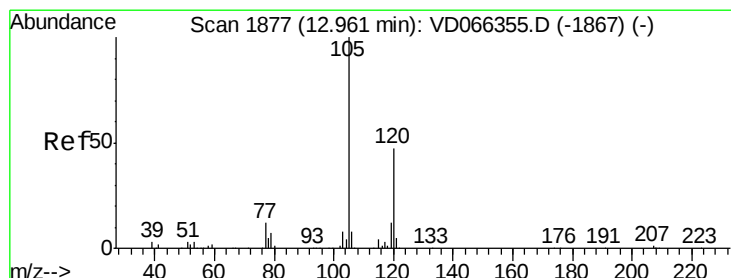
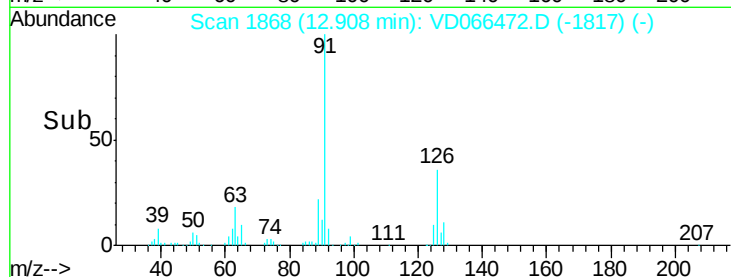
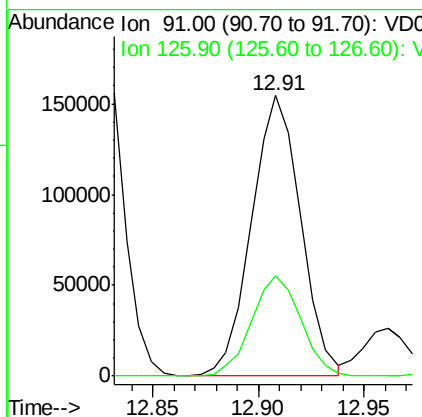
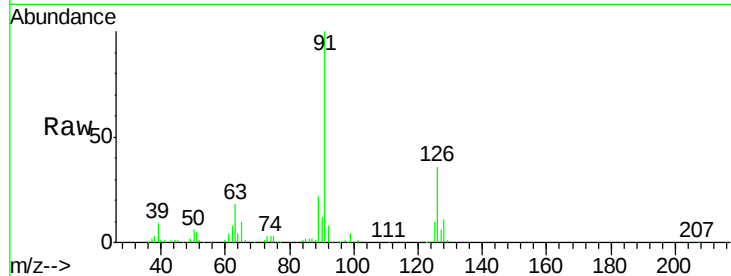
#79
 2-Chlorotoluene
 Concen: 48.765 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 249300
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1

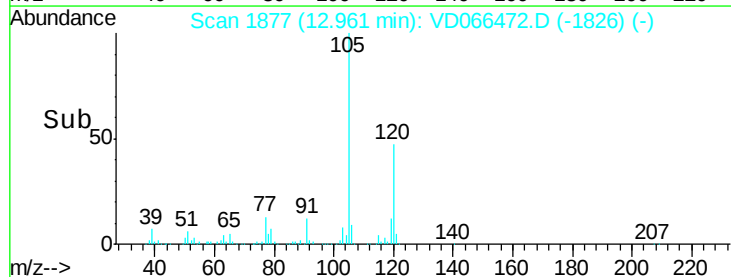
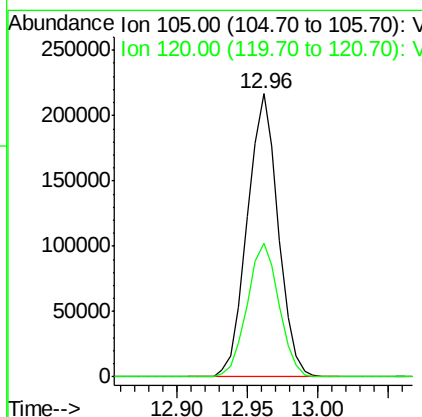
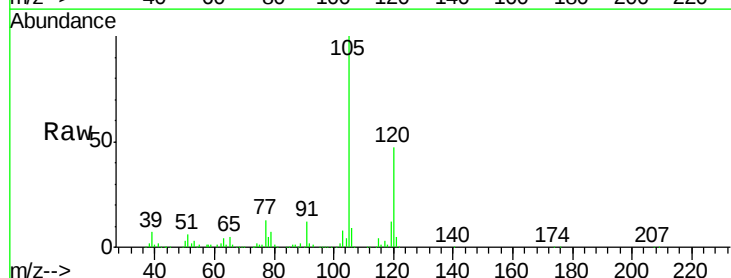
Manual Integrations
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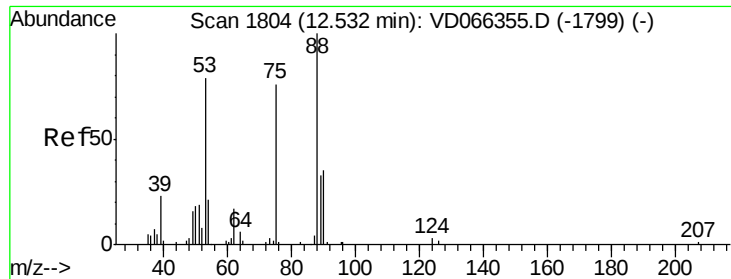
MMDadoda
 8/31/2020 11:58:36 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.373 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion:105 Resp: 332793
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 44.197 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

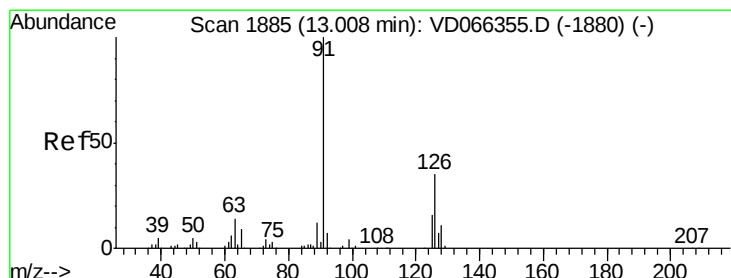
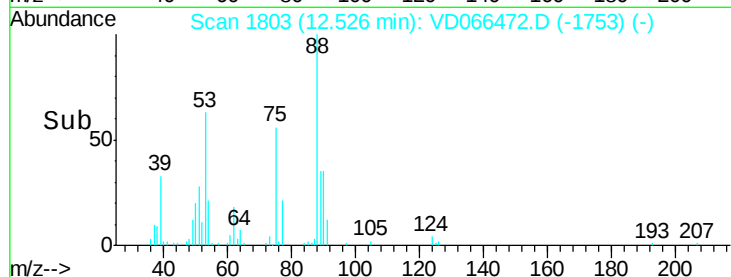
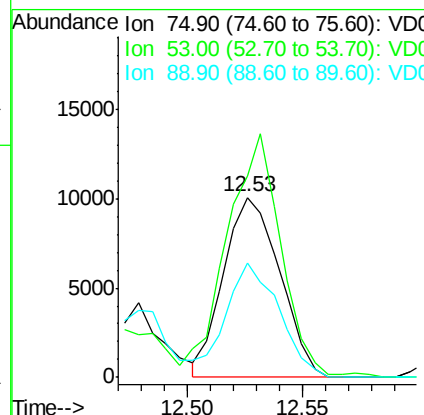
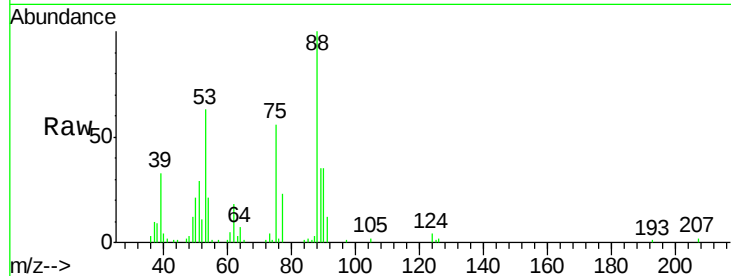
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	130.6	87.4	131.2
89	59.9	39.4	59.0

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#82

4-Chlorotoluene

Concen: 48.137 ug/l

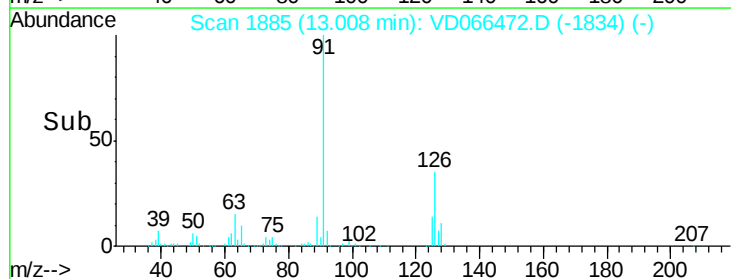
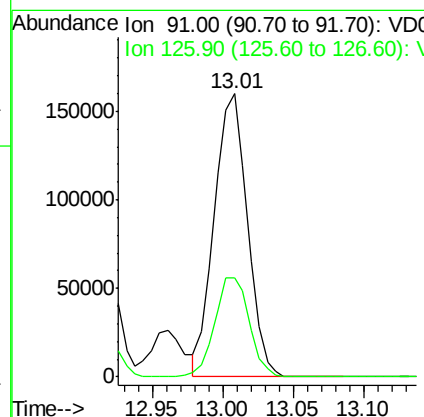
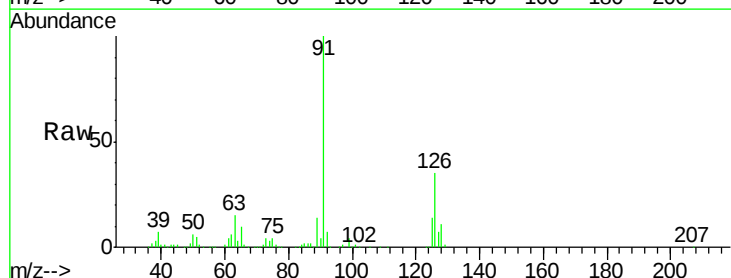
RT: 13.01 min Scan# 1885

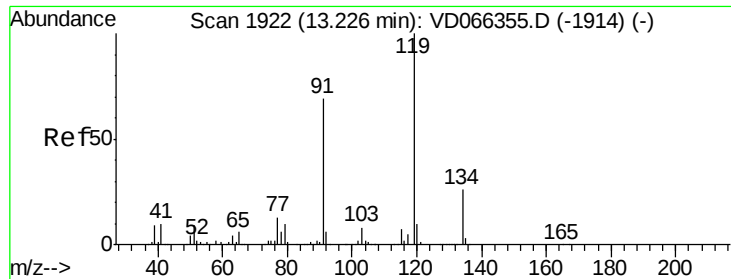
Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.4	52.2





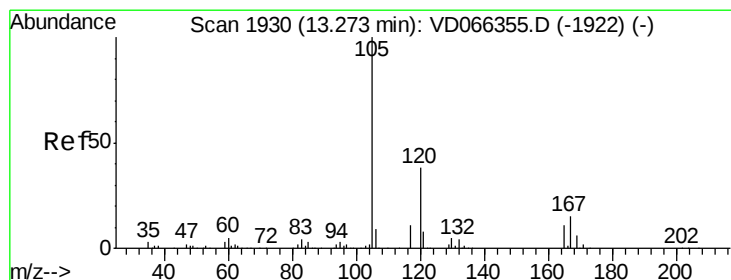
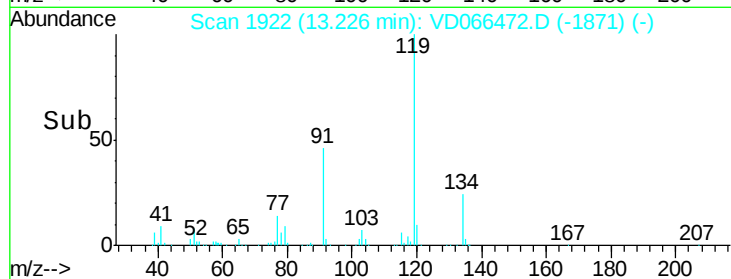
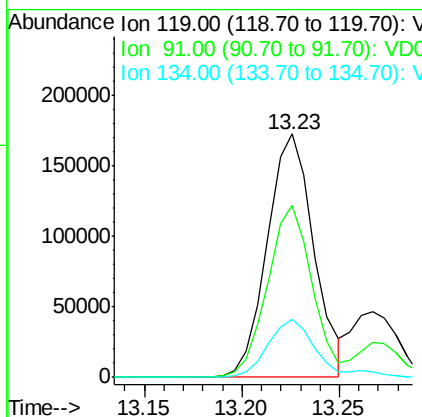
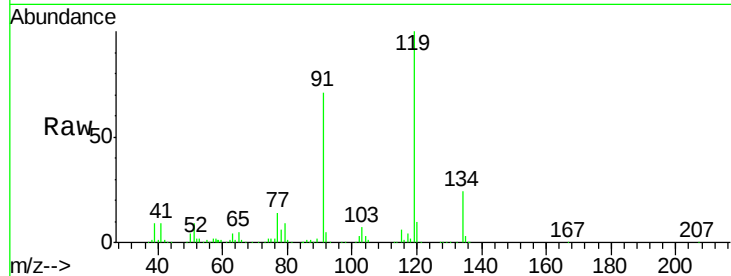
#83
tert-Butylbenzene
Concen: 48.738 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.4	33.5	100.5
134	23.5	13.5	40.4

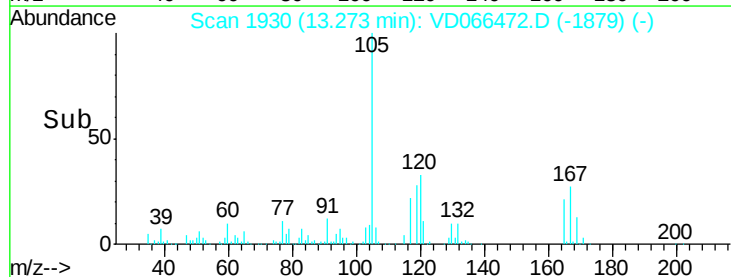
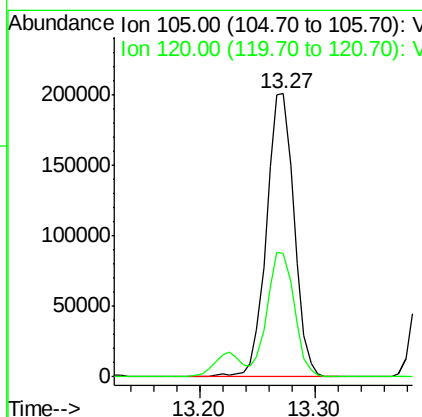
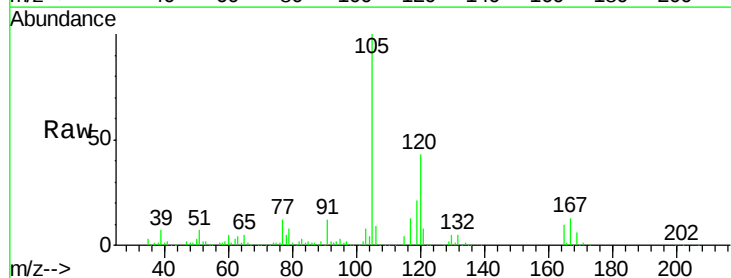
Manual Integrations
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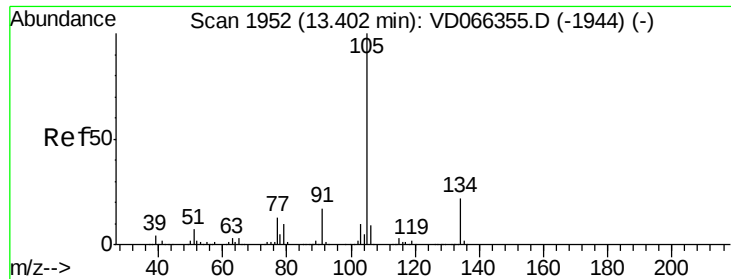
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#84
1,2,4-Trimethylbenzene
Concen: 50.728 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 46.779 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 358824

Ion Ratio Lower Upper

105 100

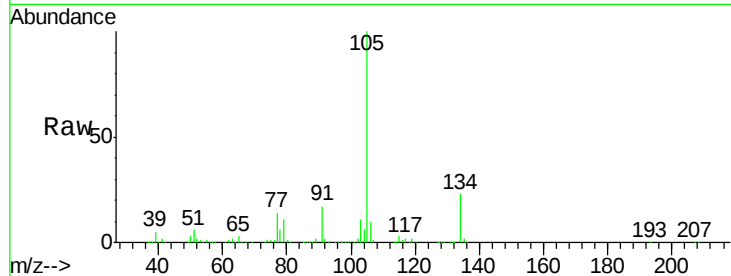
134 21.8 10.8 32.4

Manual Integrations

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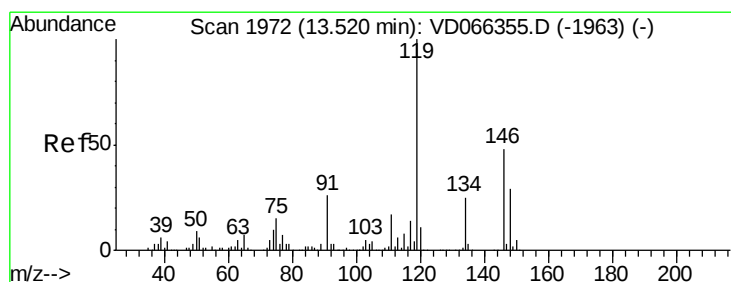
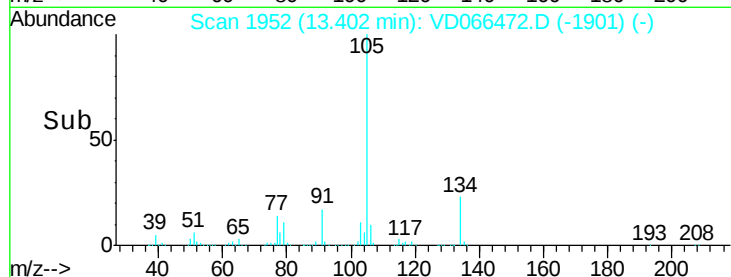
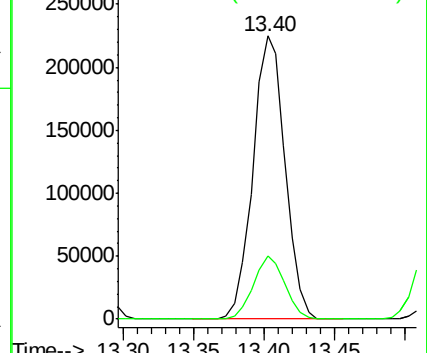
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.254 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

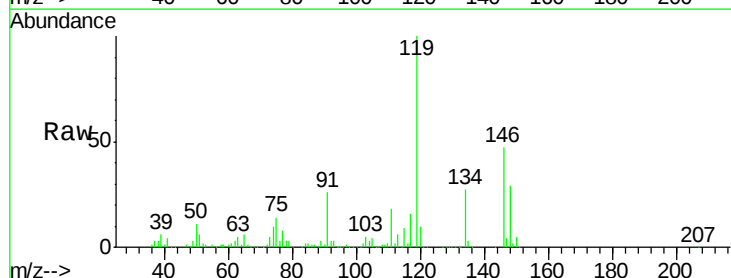
Tgt Ion:119 Resp: 356904

Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

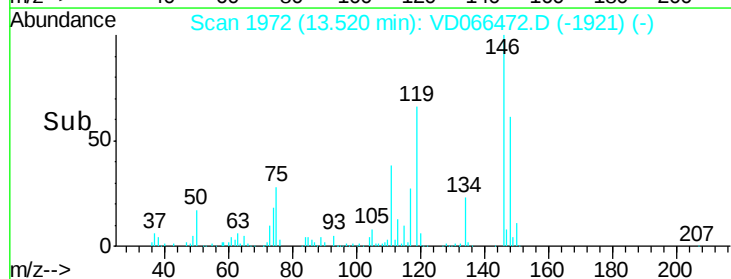
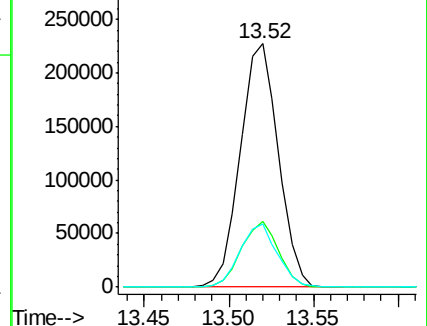
91 25.2 12.7 38.0

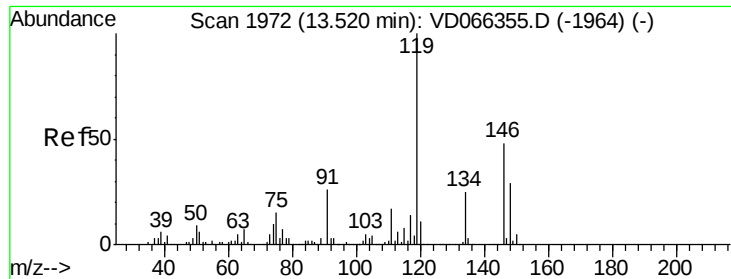


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.927 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Instrument :

MSVOA_D

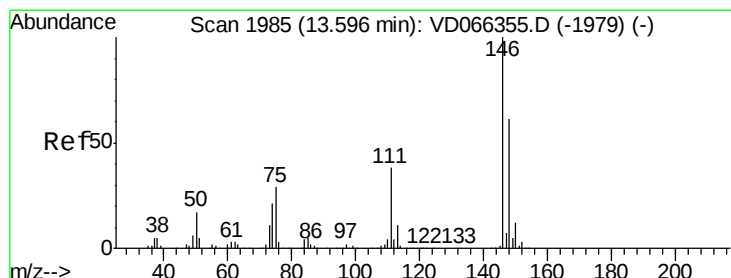
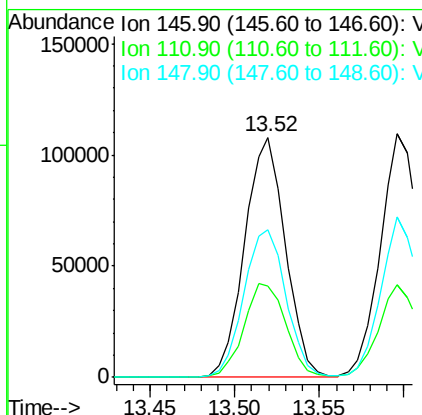
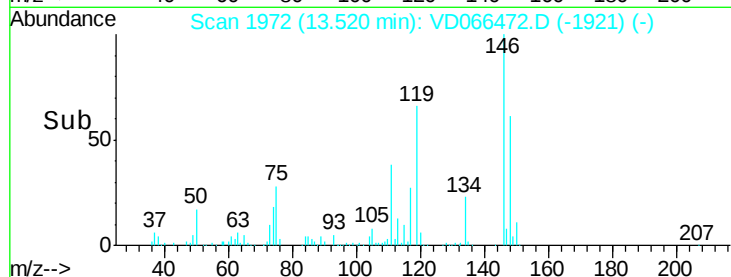
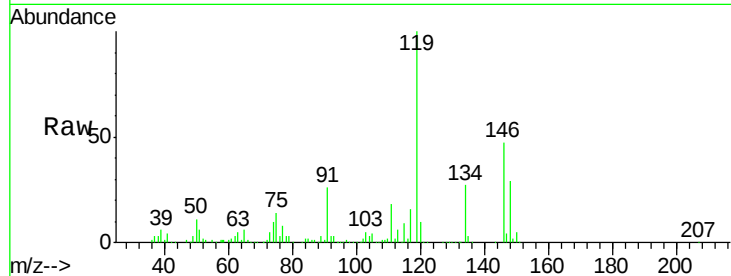
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	180964
Ion Ratio	Lower	Upper	
146	100		
111	40.1	18.9	56.9
148	63.8	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 48.249 ug/l

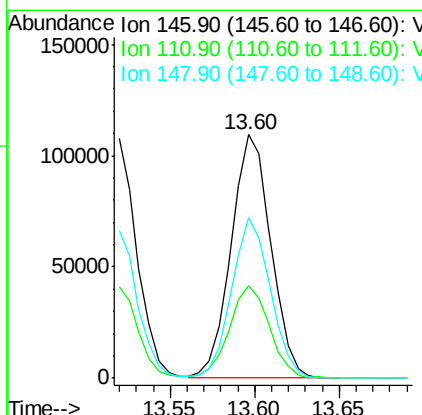
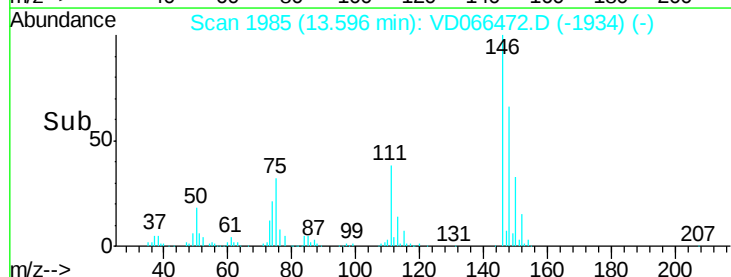
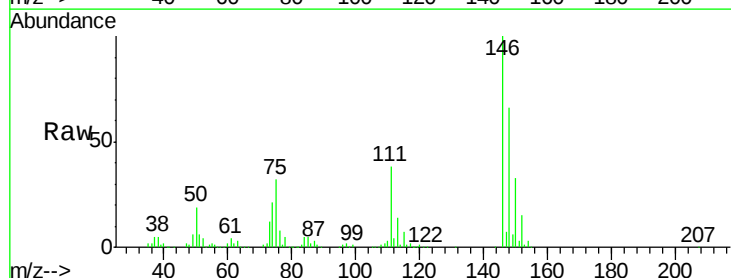
RT: 13.60 min Scan# 1985

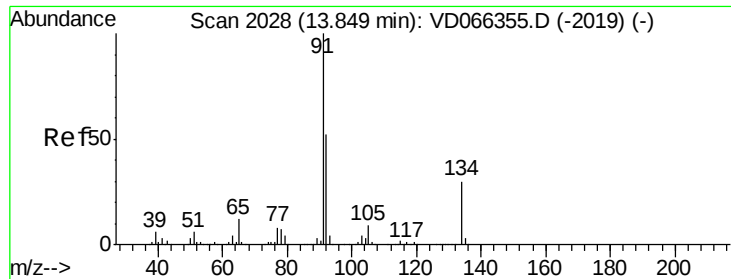
Delta R.T. -0.00 min

Lab File: VD066472.D

Acq: 28 Aug 2020 20:53

Tgt Ion:	146	Resp:	179182
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.5
148	64.5	32.1	96.3





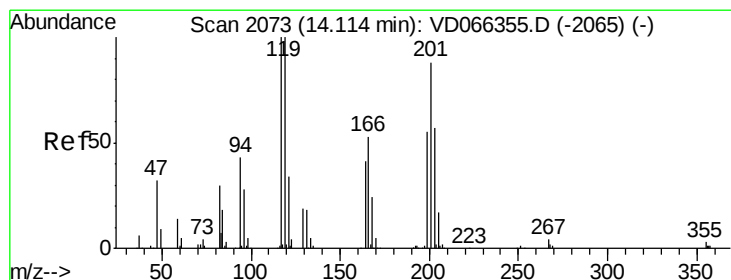
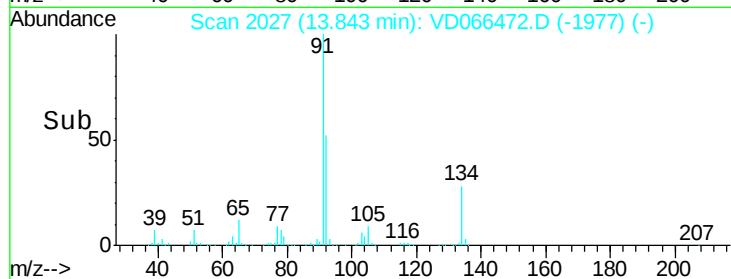
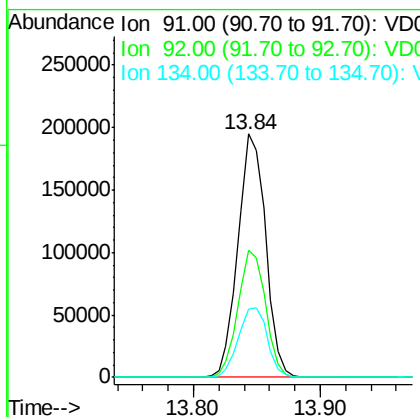
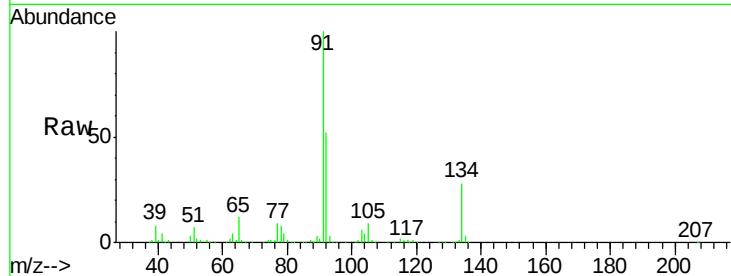
#89
n-Butylbenzene
Concen: 45.133 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	294580		
92	51.8		26.4	79.0
134	30.0		14.4	43.4

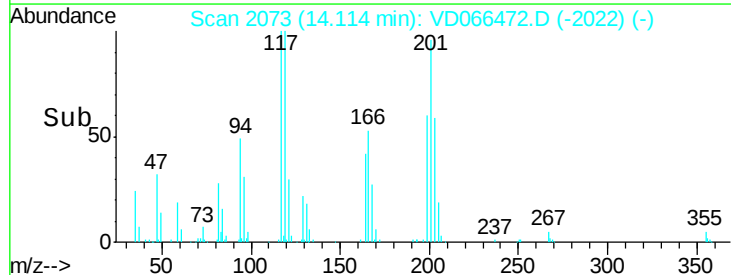
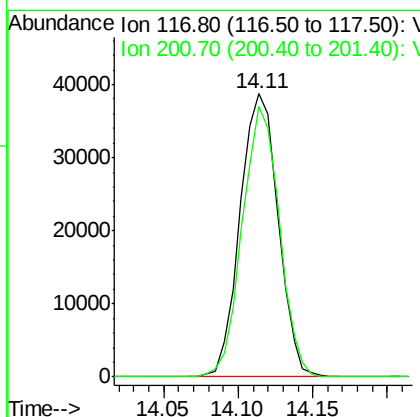
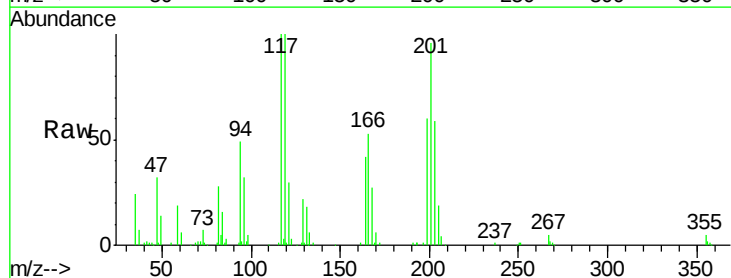
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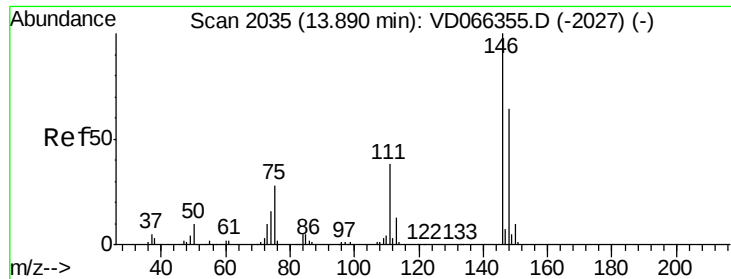
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#90
Hexachloroethane
Concen: 46.792 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68367		
201	92.9		45.4	136.2





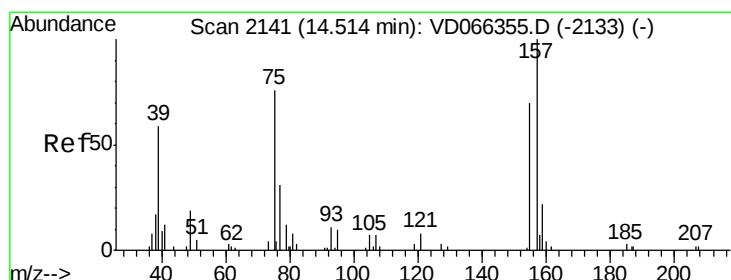
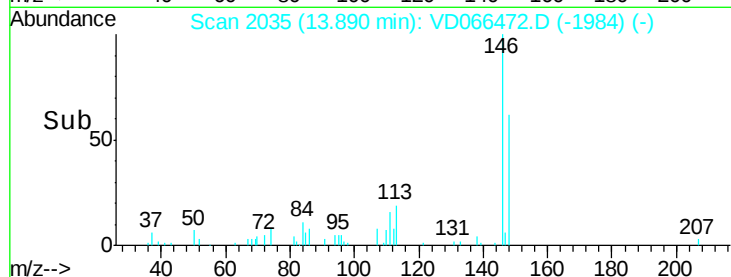
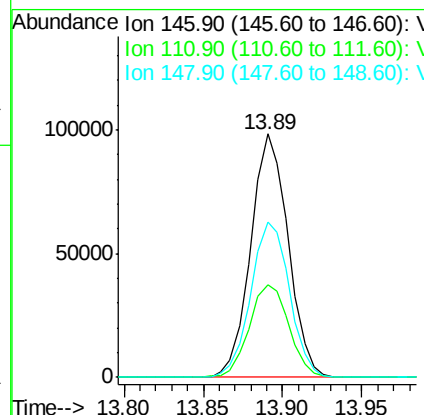
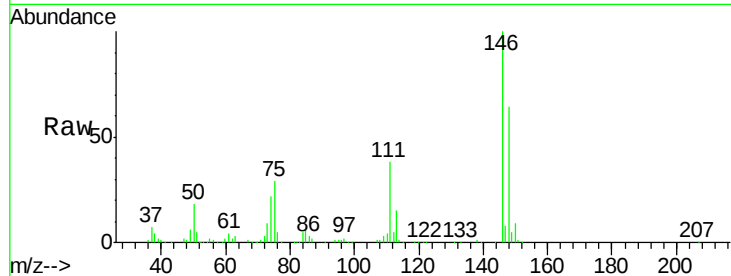
#91
 1,2-Dichlorobenzene
 Concen: 50.677 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	66.2	32.6	97.8

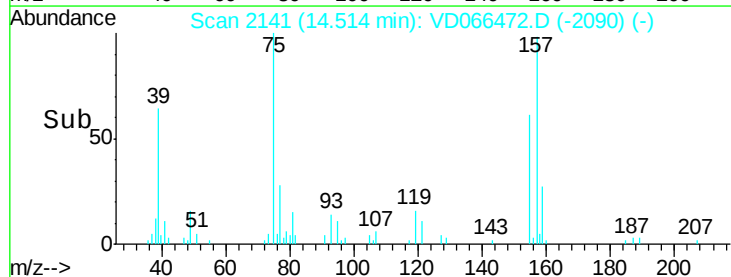
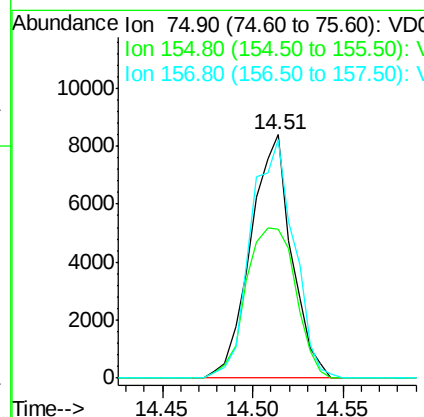
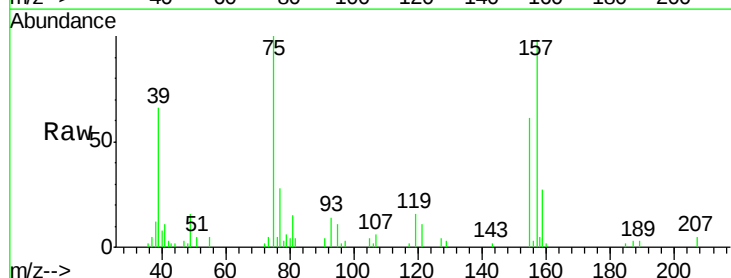
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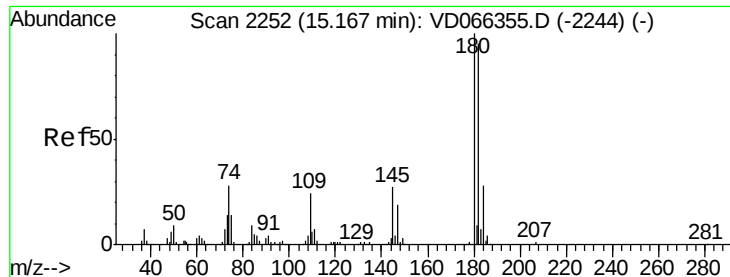
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.350 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	46.9	140.6
157	103.4	61.0	183.0





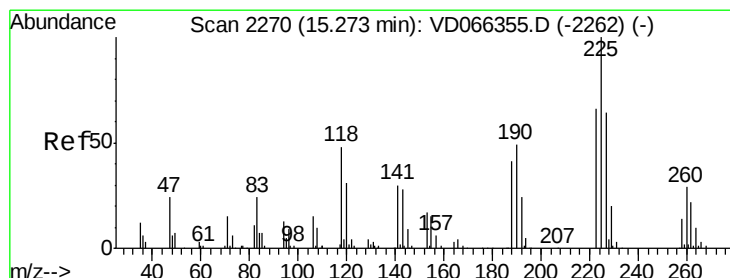
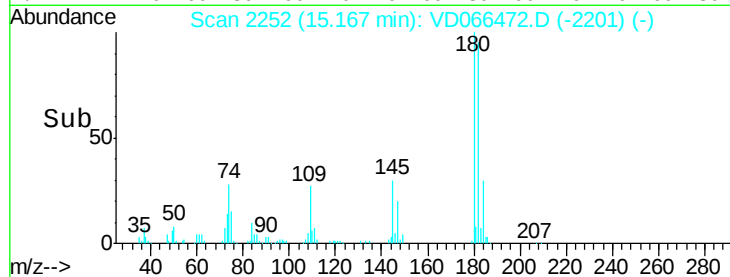
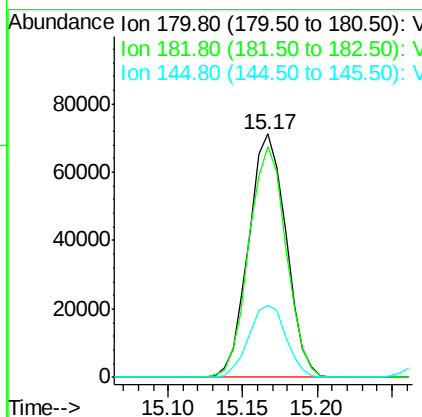
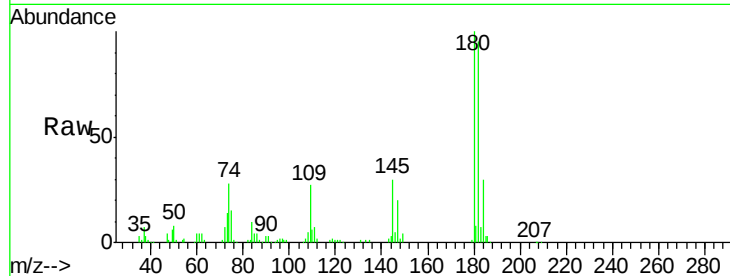
#93
 1,2,4-Trichlorobenzene
 Concen: 49.804 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	123800
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.0	144.0
145	29.6	15.2	45.6

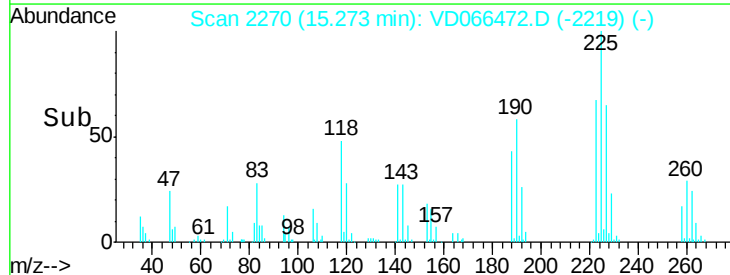
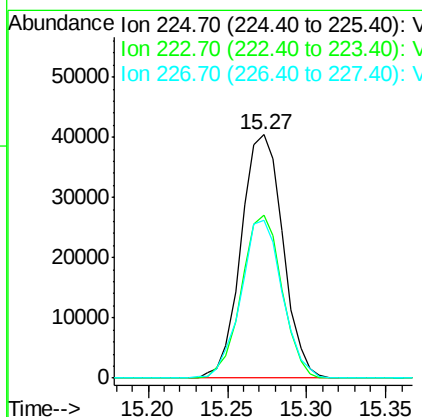
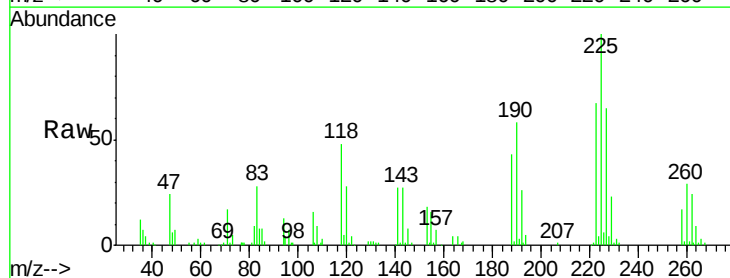
Manual Integrations
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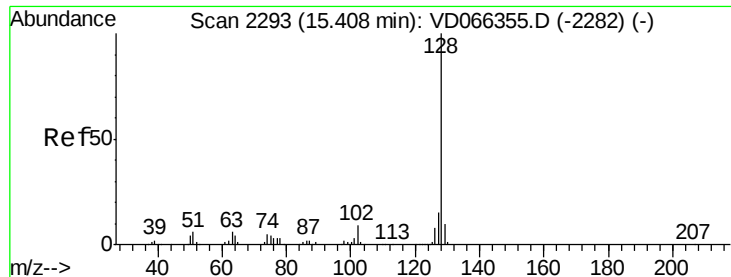
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#94
 Hexachlorobutadiene
 Concen: 47.869 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066472.D
 Acq: 28 Aug 2020 20:53

Tgt Ion:	225	Resp:	73945
Ion Ratio	Lower	Upper	
225	100		
223	64.6	32.5	97.4
227	64.5	33.0	98.9





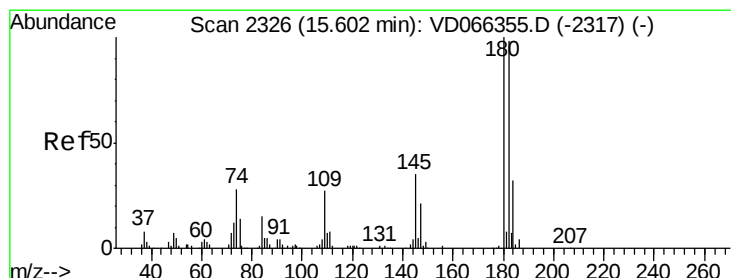
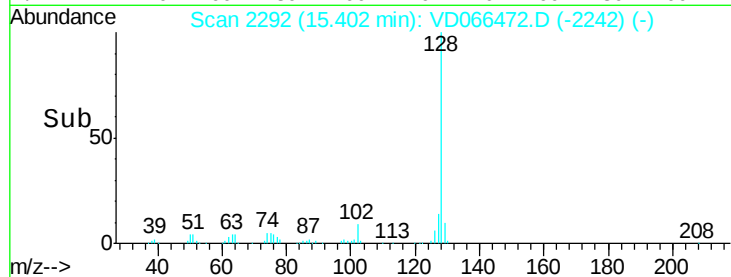
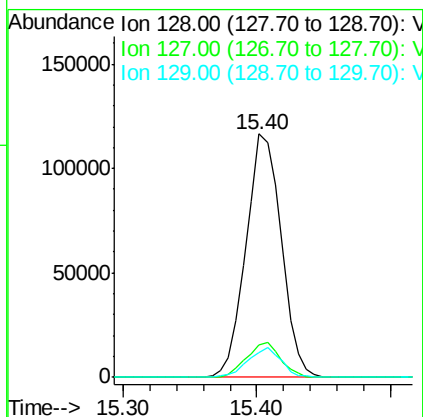
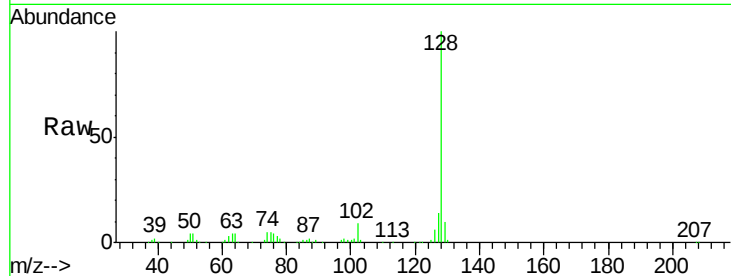
#95
Naphthalene
Concen: 54.497 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	11.4	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.229 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066472.D
Acq: 28 Aug 2020 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.7	140.0
145	31.6	16.0	48.0

