

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067246.D
 Acq On : 13 Oct 2020 11:49
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:10:11 PM

Quant Time: Oct 13 12:43:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 12:22:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	344594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	516094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	170740	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.91	113	177611	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.34	98	650277	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.64	95	220664	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.98	85	140733	41.610	ug/l 100
3) Chloromethane	2.20	50	98440	43.401	ug/l 100
4) Vinyl Chloride	2.35	62	111915	44.639	ug/l 100
5) Bromomethane	2.77	94	83107	42.296	ug/l 100
6) Chloroethane	2.92	64	67740	43.171	ug/l 100
7) Trichlorofluoromethane	3.27	101	278877	44.264	ug/l 100
8) Diethyl Ether	3.70	74	62888	44.794	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	147285	44.017	ug/l 100
10) Methyl Iodide	4.30	142	149829	54.195	ug/l 100
11) Tert butyl alcohol	5.23	59	41621	140.369	ug/l 100
12) 1,1-Dichloroethene	4.07	96	135594	46.078	ug/l 100
13) Acrolein	3.92	56	51869	325.569	ug/l 100
14) Allyl chloride	4.71	41	157576	47.995	ug/l 100
15) Acrylonitrile	5.41	53	106241	229.413	ug/l 100
16) Acetone	4.16	43	109443	219.756	ug/l 100
17) Carbon Disulfide	4.41	76	379953	45.215	ug/l 100
18) Methyl Acetate	4.72	43	47073	41.162	ug/l 100
19) Methyl tert-butyl Ether	5.47	73	272155	47.992	ug/l 100
20) Methylene Chloride	4.96	84	154158	38.459	ug/l 100
21) trans-1,2-Dichloroethene	5.47	96	153957	45.735	ug/l 100
22) Diisopropyl ether	6.36	45	290848	48.049	ug/l 100
23) Vinyl Acetate	6.31	43	857844	261.179	ug/l 100
24) 1,1-Dichloroethane	6.27	63	240683	45.638	ug/l 100
25) 2-Butanone	7.21	43	126995	226.980	ug/l 100
26) 2,2-Dichloropropane	7.21	77	246379	44.751	ug/l 100
27) cis-1,2-Dichloroethene	7.21	96	171529	46.413	ug/l 100
28) Bromochloromethane	7.55	49	89940	51.119	ug/l 100
29) Tetrahydrofuran	7.57	42	73765	239.228	ug/l 100
30) Chloroform	7.71	83	290421	45.919	ug/l 100
31) Cyclohexane	7.98	56	179362	42.347	ug/l 100
32) 1,1,1-Trichloroethane	7.90	97	283880	45.730	ug/l 100
36) 1,1-Dichloropropene	8.11	75	208805	46.248	ug/l 100
37) Ethyl Acetate	7.30	43	61719	47.153	ug/l 100
38) Carbon Tetrachloride	8.10	117	270644	46.759	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	225579	48.730	ug/l	100
40) Benzene	8.35	78	575176	46.235	ug/l	100
41) Methacrylonitrile	7.53	41	28577	51.168	ug/l	100
42) 1,2-Dichloroethane	8.43	62	180088	46.333	ug/l	100
43) Isopropyl Acetate	8.46	43	119180	46.466	ug/l	100
44) Trichloroethene	9.11	130	185452	46.652	ug/l	100
45) 1,2-Dichloropropane	9.39	63	132246	46.292	ug/l	100
46) Dibromomethane	9.48	93	79445	44.169	ug/l	100
47) Bromodichloromethane	9.67	83	219875	46.159	ug/l	100
48) Methyl methacrylate	9.46	41	57235	45.806	ug/l	100
49) 1,4-Dioxane	9.46	88	16049	841.221	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	302051	232.078	ug/l	100
52) Toluene	10.41	92	398371	47.305	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	197753	47.729	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	229152	47.208	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	110014	44.546	ug/l	100
56) Ethyl methacrylate	10.67	69	119395	49.479	ug/l	100
57) 1,3-Dichloropropane	10.95	76	176835	45.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	312189	251.174	ug/l	100
59) 2-Hexanone	10.99	43	211866	241.740	ug/l	100
60) Dibromochloromethane	11.14	129	161398	45.249	ug/l	100
61) 1,2-Dibromoethane	11.25	107	108760	45.234	ug/l	100
64) Tetrachloroethene	10.88	164	160557	44.689	ug/l	100
65) Chlorobenzene	11.67	112	432711	46.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	174543	46.872	ug/l	100
67) Ethyl Benzene	11.75	91	765824	48.537	ug/l	100
68) m/p-Xylenes	11.86	106	587782	95.886	ug/l	100
69) o-Xylene	12.18	106	266173	46.960	ug/l	100
70) Styrene	12.20	104	471374	48.399	ug/l	100
71) Bromoform	12.37	173	89082	44.731	ug/l #	100
73) Isopropylbenzene	12.48	105	761262	50.798	ug/l	100
74) N-amyl acetate	12.30	43	108909	48.795	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	109456	46.720	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	70724m	42.197	ug/l	
77) Bromobenzene	12.77	156	182344	47.803	ug/l	100
78) n-propylbenzene	12.83	91	883549	50.131	ug/l	100
79) 2-Chlorotoluene	12.91	91	496130	48.288	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	659241	49.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	33345	46.206	ug/l	100
82) 4-Chlorotoluene	13.01	91	523098	47.707	ug/l	100
83) tert-Butylbenzene	13.23	119	564405	51.266	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	657565	50.677	ug/l	100
85) sec-Butylbenzene	13.41	105	760491	49.810	ug/l	100
86) p-Isopropyltoluene	13.53	119	717330	49.710	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	339682	45.481	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	336712	45.971	ug/l	100
89) n-Butylbenzene	13.85	91	631215	50.133	ug/l	100
90) Hexachloroethane	14.12	117	120509	48.135	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	295086	45.671	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18471	43.771	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	208287	49.545	ug/l	100
94) Hexachlorobutadiene	15.28	225	131125	49.693	ug/l	100
95) Naphthalene	15.41	128	349244	52.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	178915	49.561	ug/l	100

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

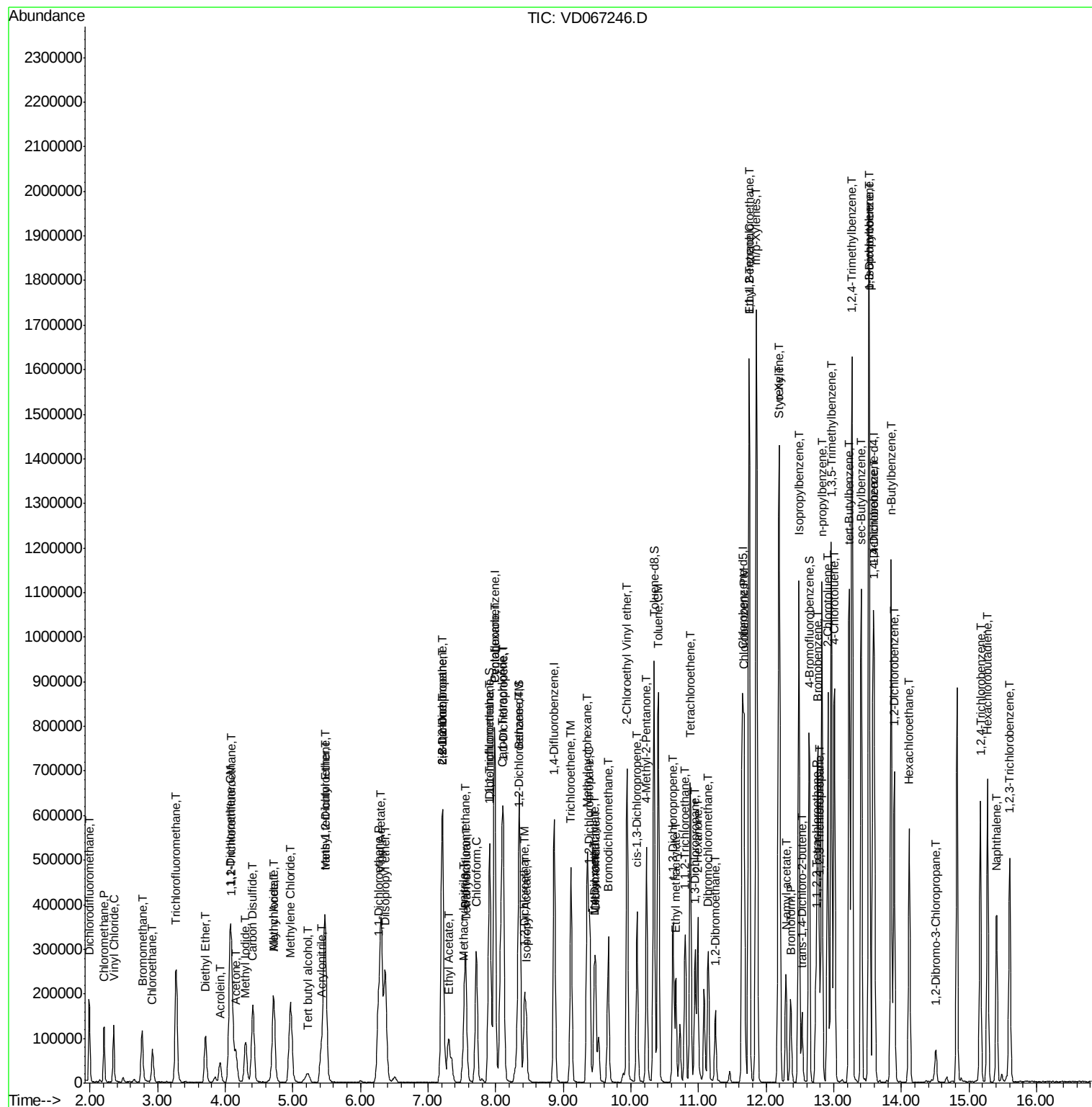
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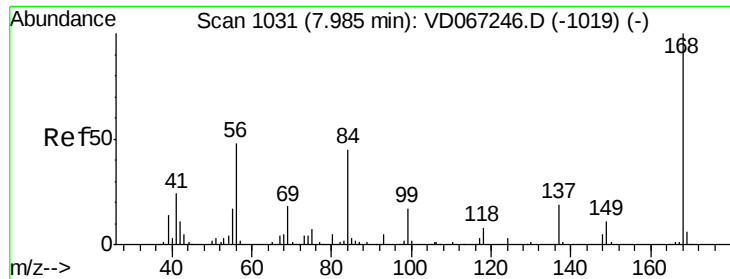
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 344594

Ion Ratio Lower Upper

168 100

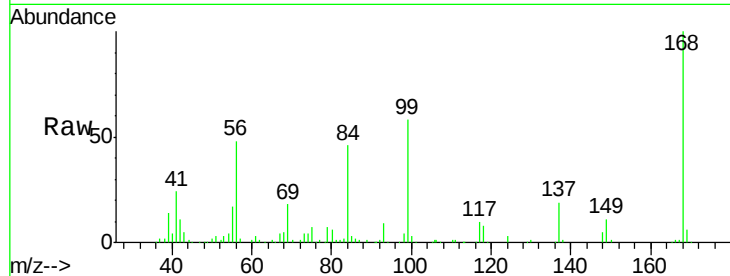
99 57.4 45.9 68.9

Manual Integrations

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10/14/2020 2:10:11 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

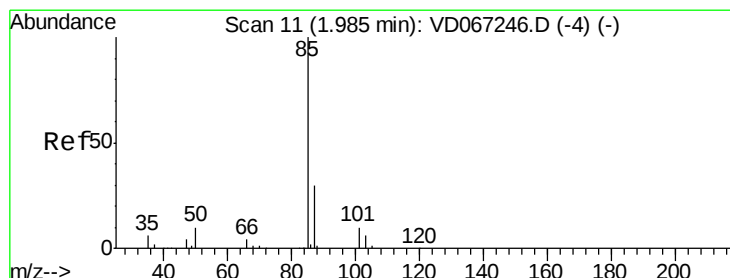
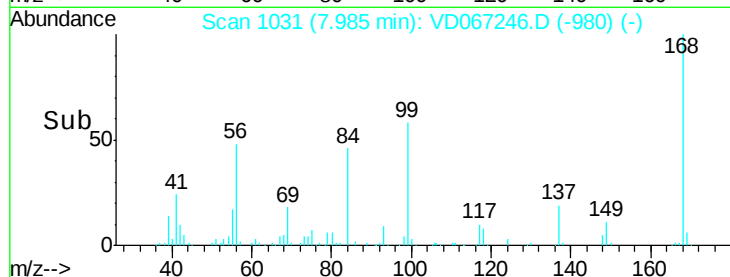
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.610 ug/l

RT: 1.98 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067246.D

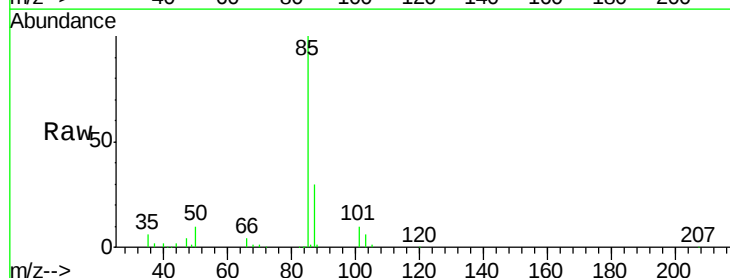
Acq: 13 Oct 2020 11:49

Tgt Ion: 85 Resp: 140733

Ion Ratio Lower Upper

85 100

87 30.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

120000

100000

80000

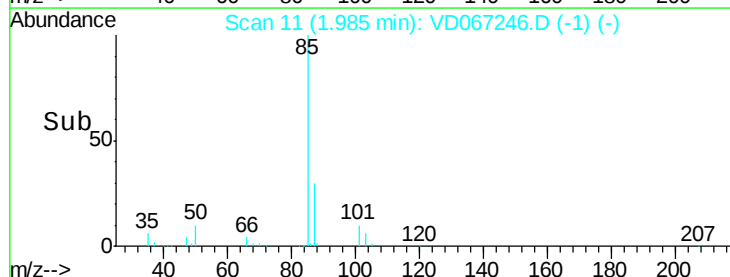
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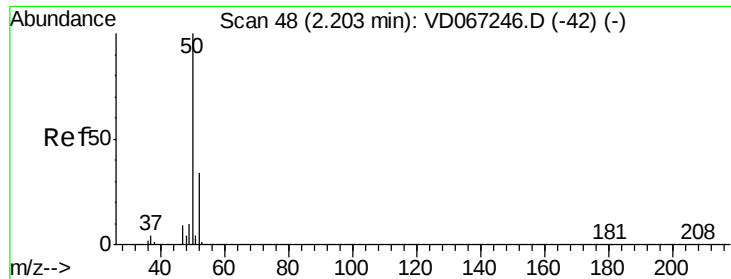
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20000

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Time-->





#3

Chloromethane

Concen: 43.401 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 98440

Ion Ratio Lower Upper

50 100

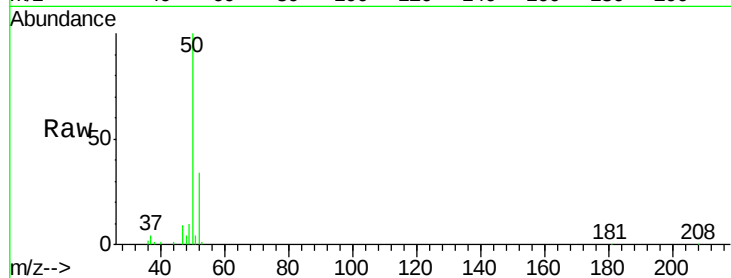
52 33.9 27.1 40.7

Manual Integrations

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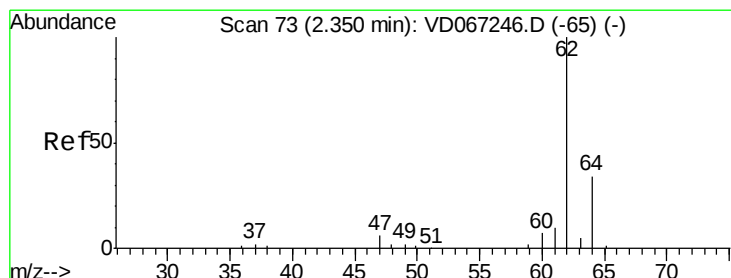
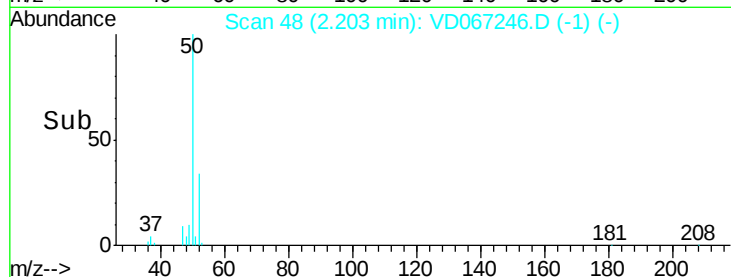
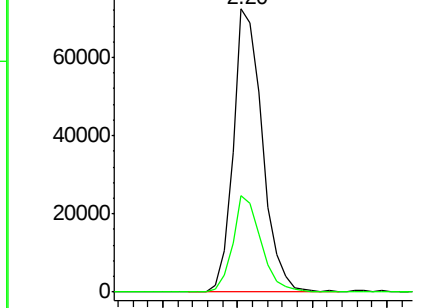
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.639 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067246.D

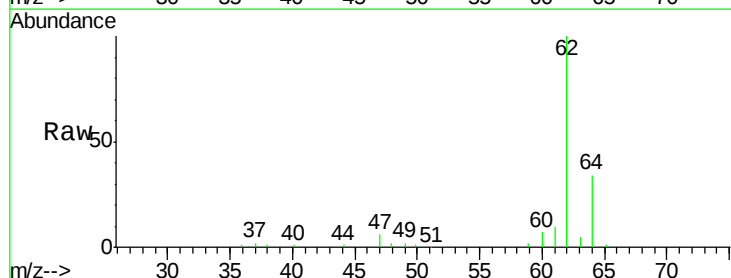
Acq: 13 Oct 2020 11:49

Tgt Ion: 62 Resp: 111915

Ion Ratio Lower Upper

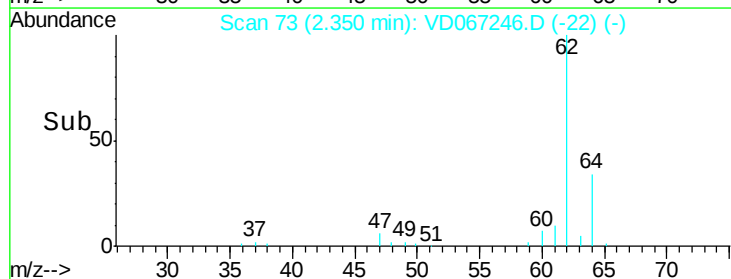
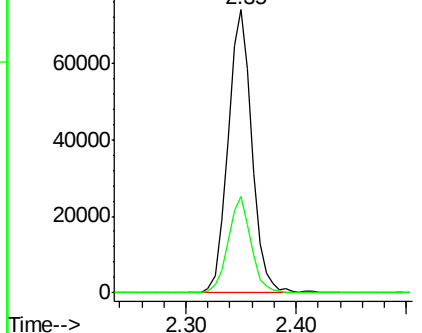
62 100

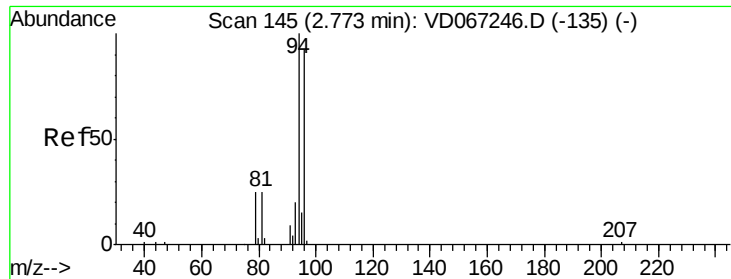
64 34.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 42.296 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 83107

Ion Ratio Lower Upper

94 100

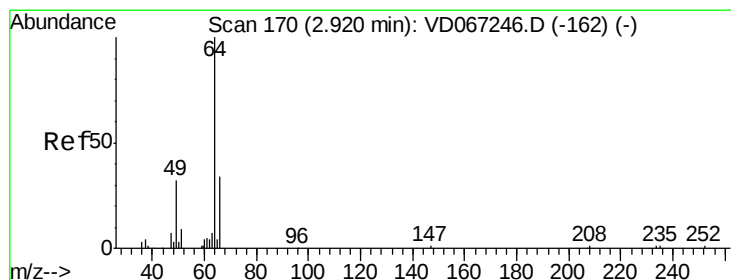
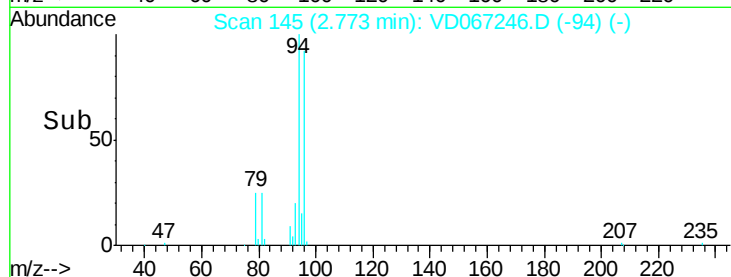
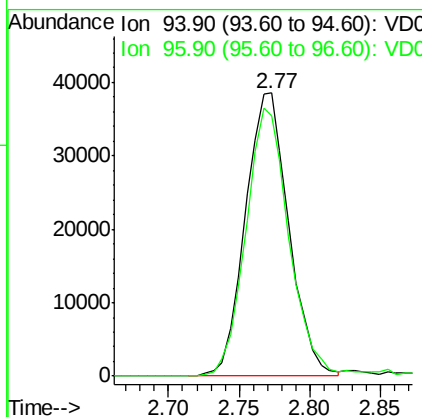
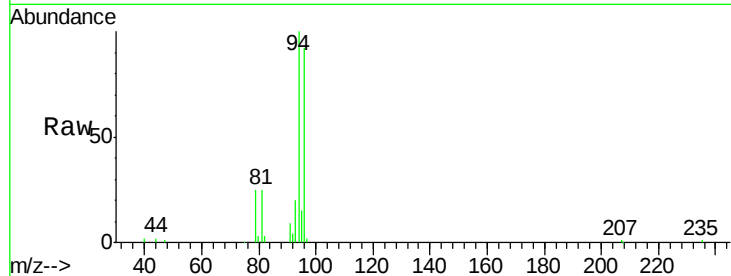
96 92.2 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 43.171 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067246.D

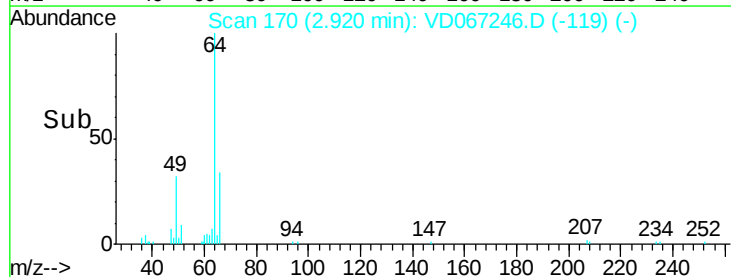
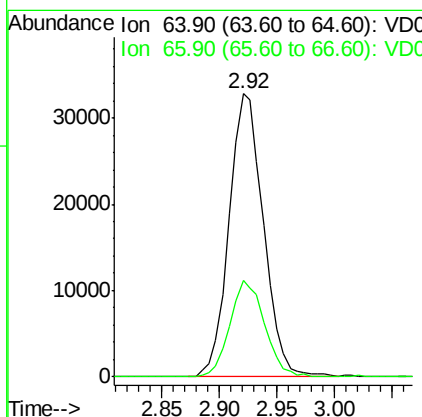
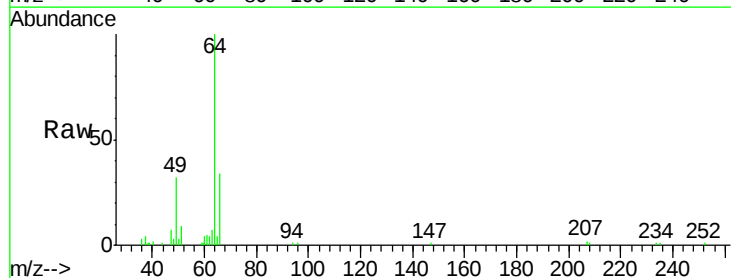
Acq: 13 Oct 2020 11:49

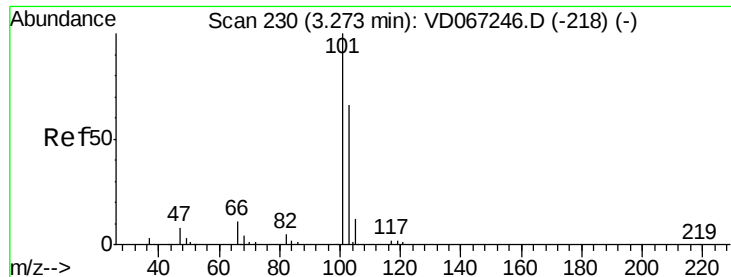
Tgt Ion: 64 Resp: 67740

Ion Ratio Lower Upper

64 100

66 34.2 27.4 41.0





#7

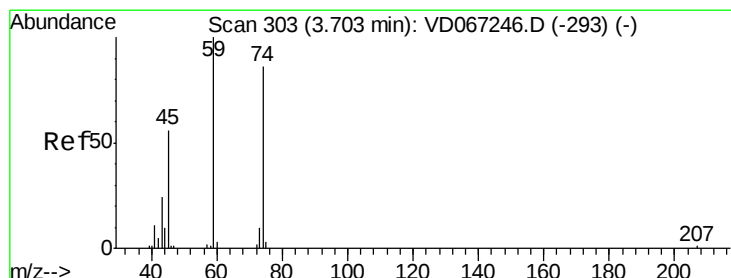
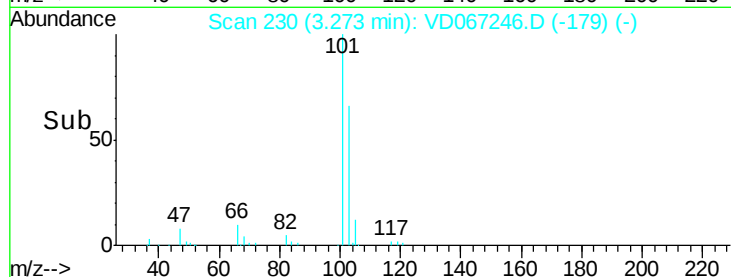
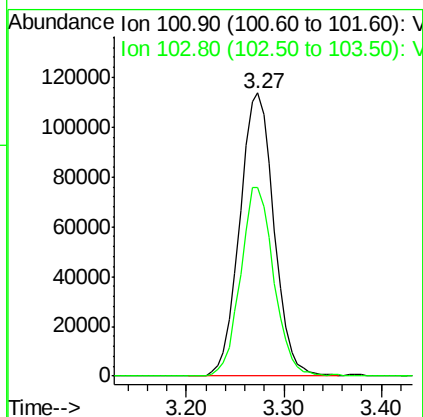
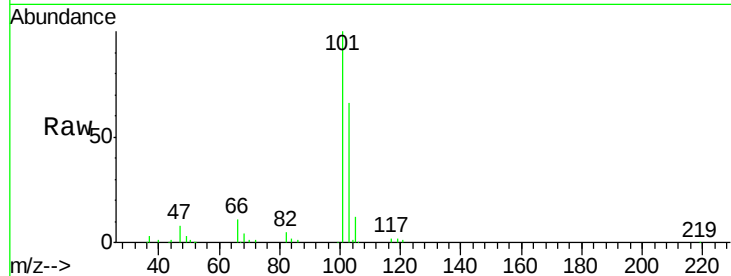
Trichlorofluoromethane
Concen: 44.264 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.1	79.7

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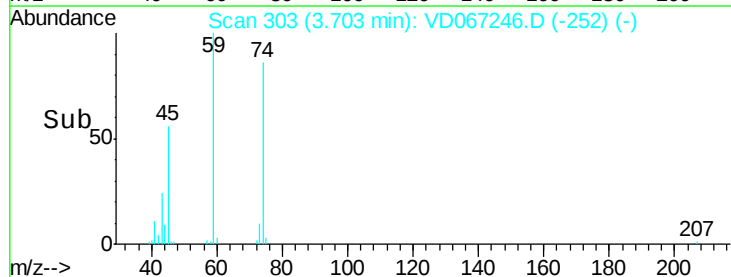
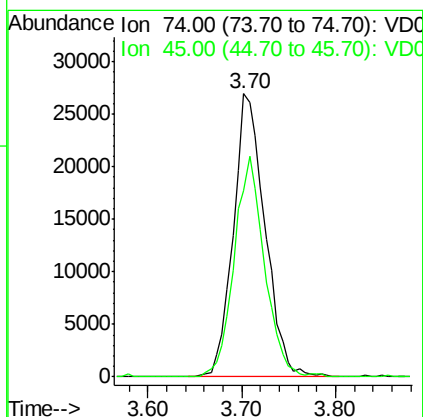
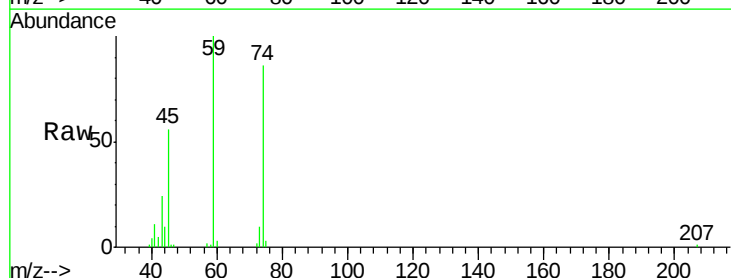
MMDadoda
10/14/2020 2:10:11 PM

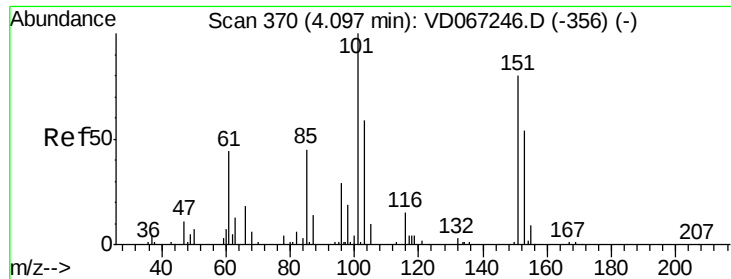


#8

Diethyl Ether
Concen: 44.794 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.1	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.017 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

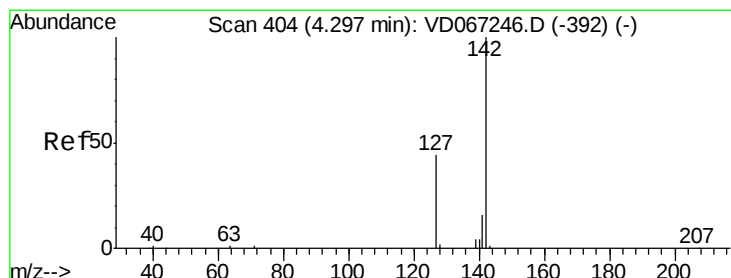
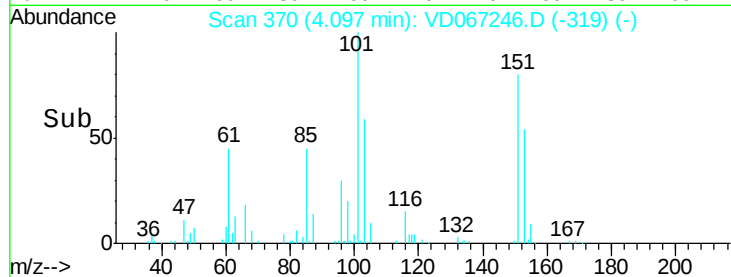
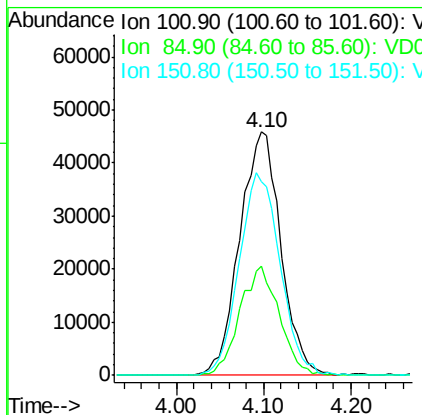
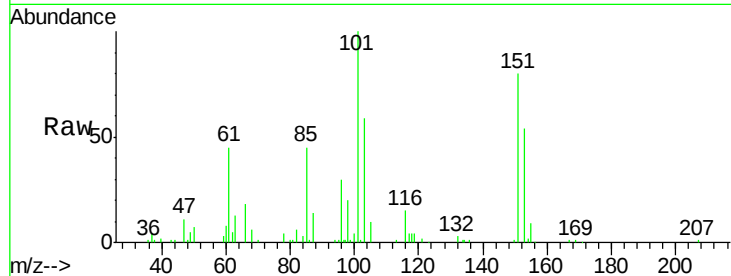
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	147285		
85	42.8	34.2	51.4	
151	82.9	66.3	99.5	

Manual Integrations
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#10

Methyl Iodide

Concen: 54.195 ug/l

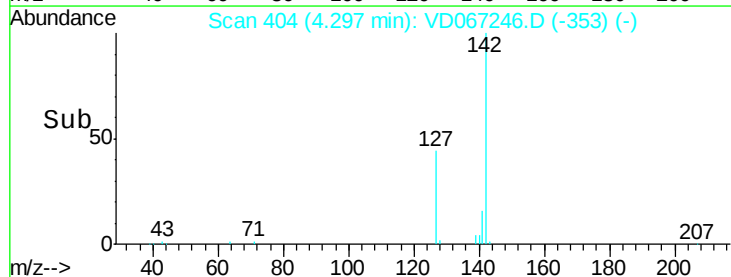
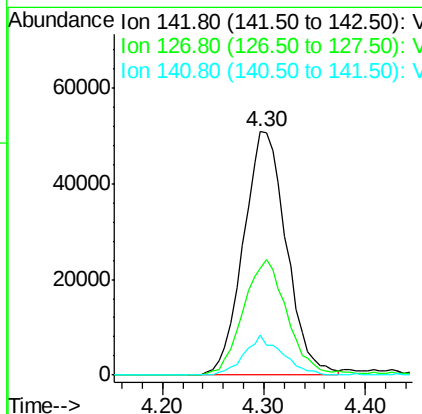
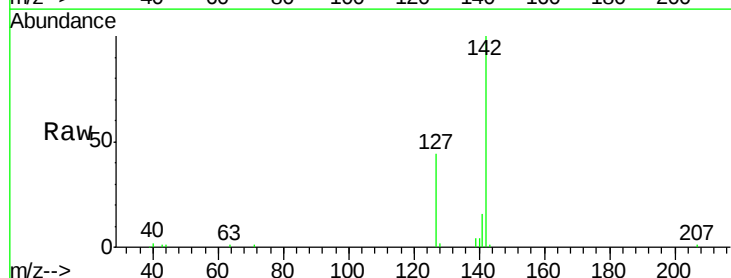
RT: 4.30 min Scan# 404

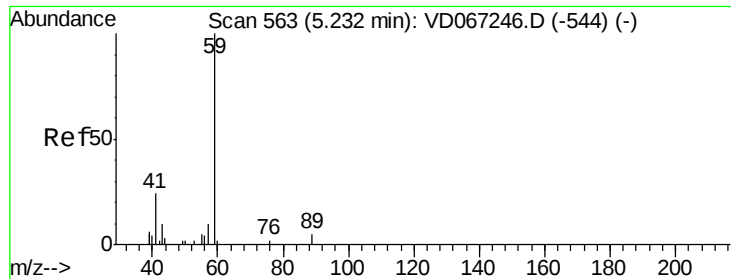
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	149829		
127	48.0	38.4	57.6	
141	14.5	11.6	17.4	





#11

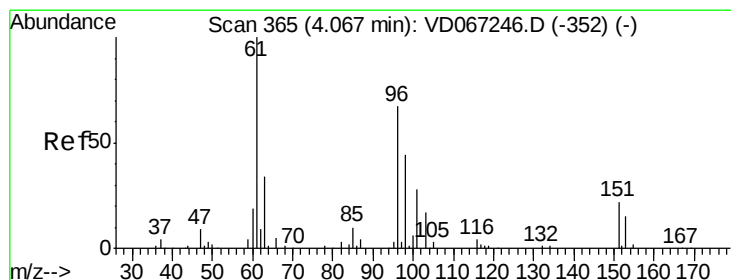
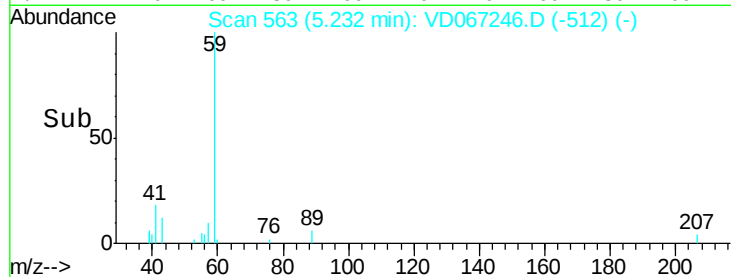
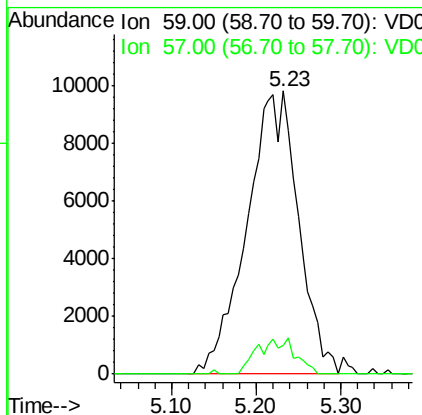
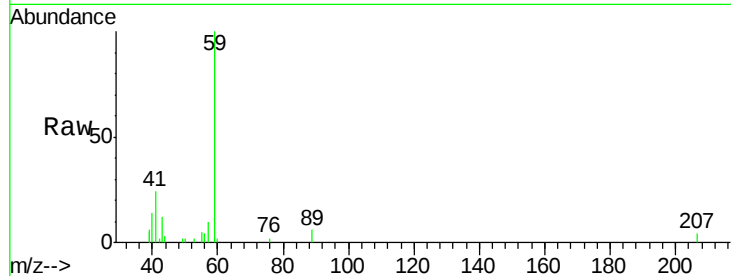
Tert butyl alcohol
Concen: 140.369 ug/l
RT: 5.23 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	5.1	7.7

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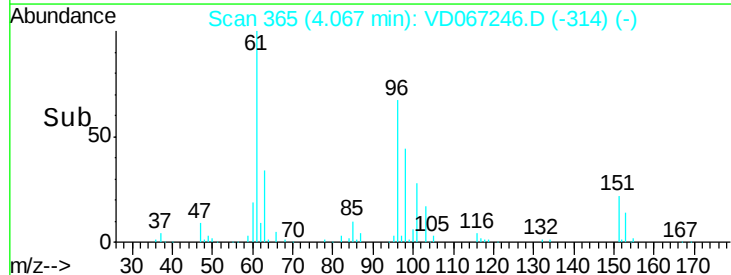
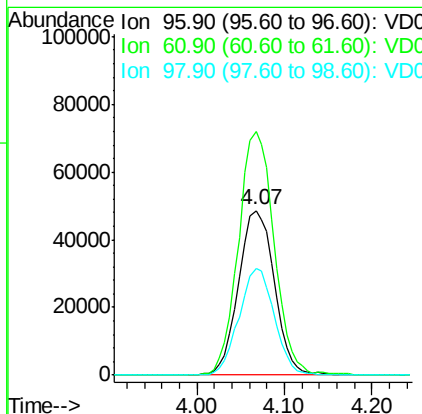
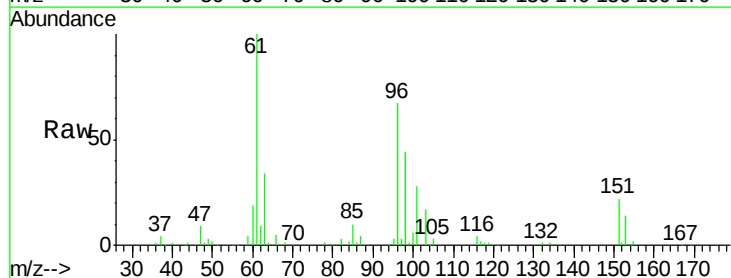
MMDadoda
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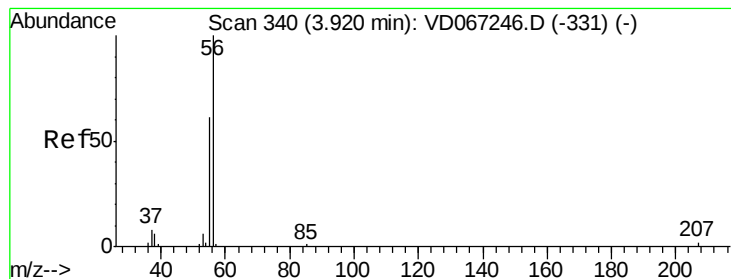


#12

1,1-Dichloroethene
Concen: 46.078 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	118.6	177.8
98	64.7	51.8	77.6





#13

Acrolein

Concen: 325.569 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 51869

Ion Ratio Lower Upper

56 100

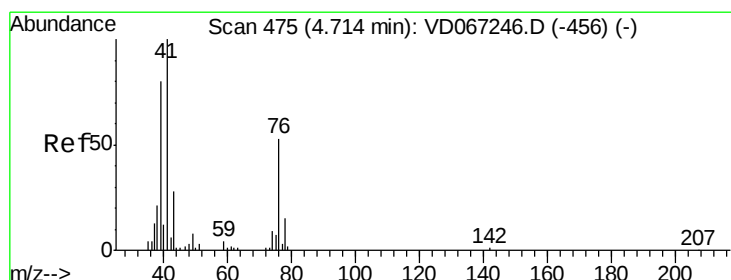
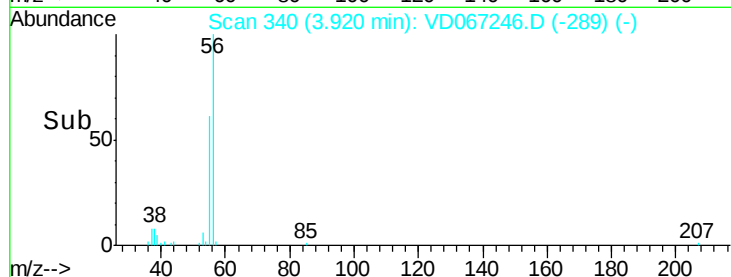
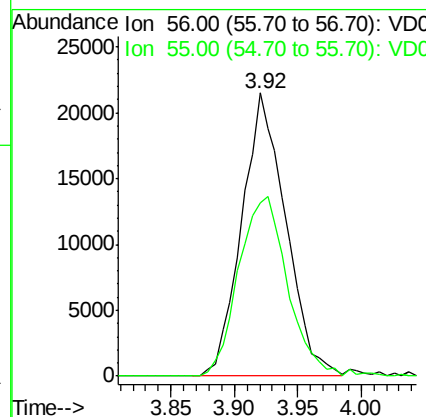
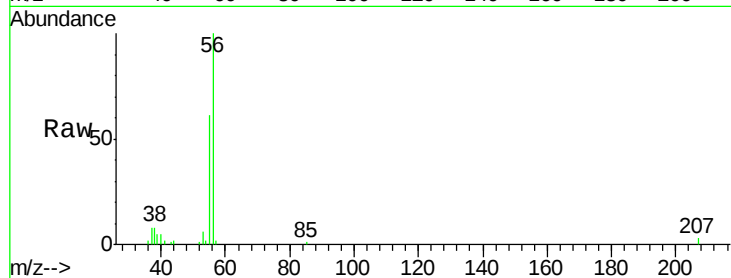
55 70.0 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 47.995 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

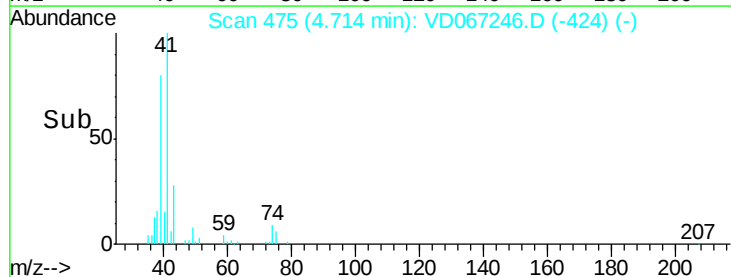
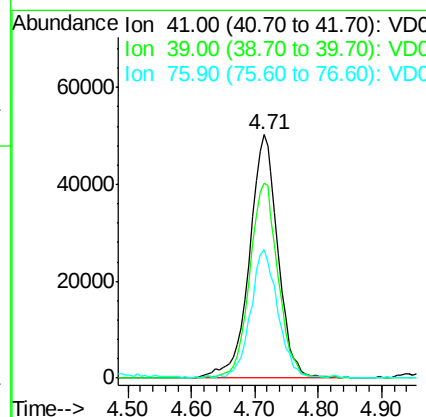
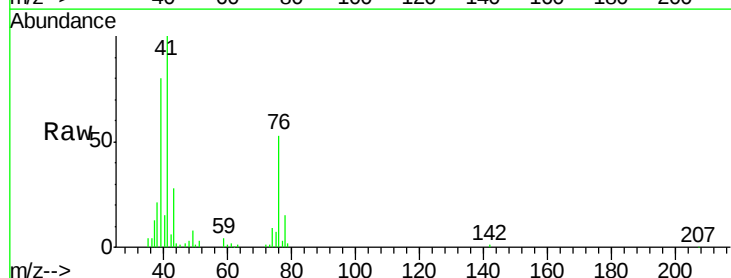
Tgt Ion: 41 Resp: 157576

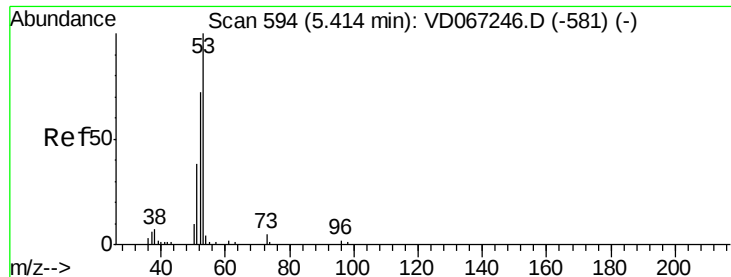
Ion Ratio Lower Upper

41 100

39 79.7 63.8 95.6

76 50.5 40.4 60.6





#15

Acrylonitrile

Concen: 229.413 ug/l

RT: 5.41 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

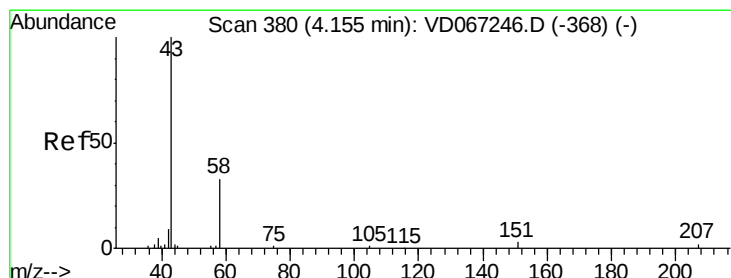
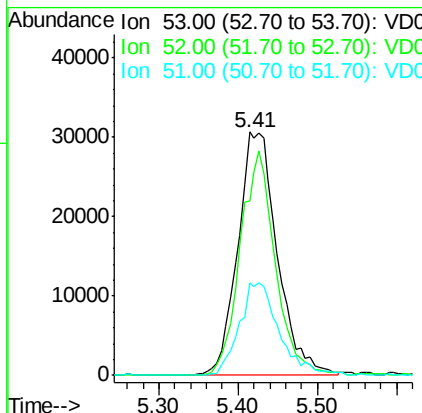
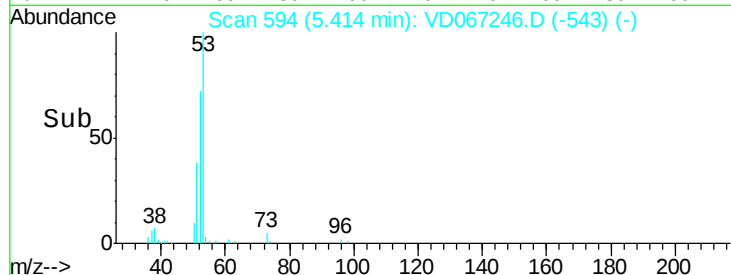
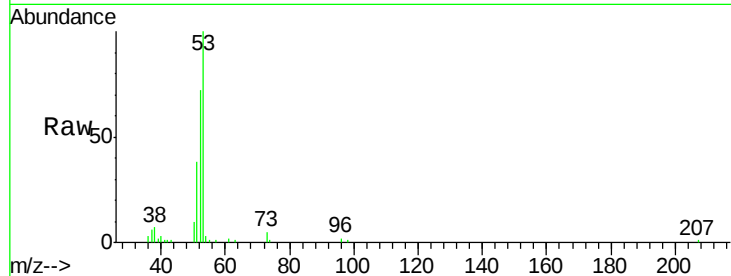
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	106241
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.6	98.4
51	38.5	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 219.756 ug/l

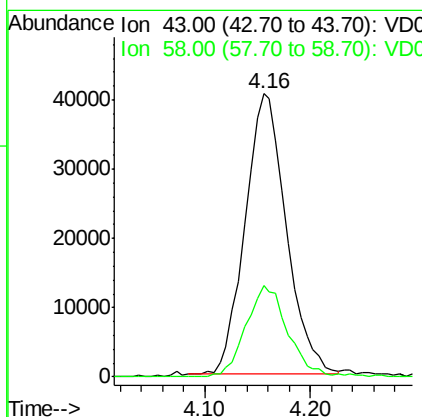
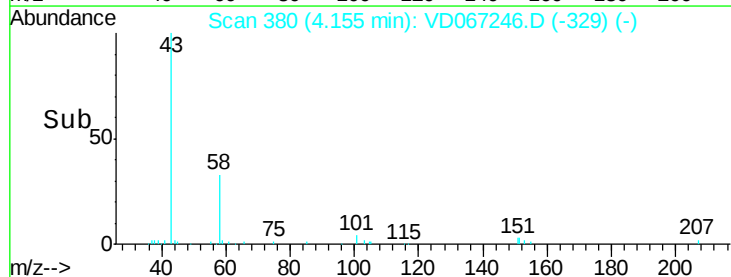
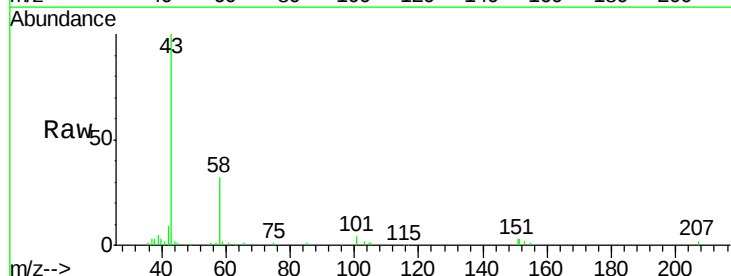
RT: 4.16 min Scan# 380

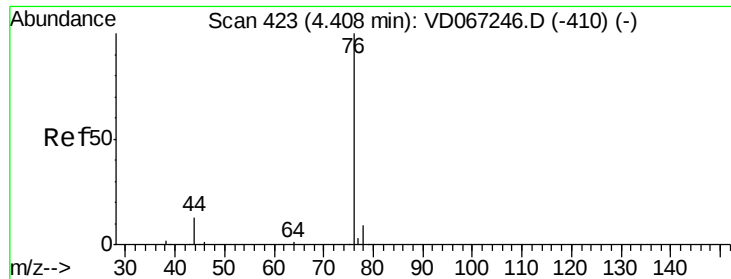
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion:	43	Resp:	109443
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.1	39.1





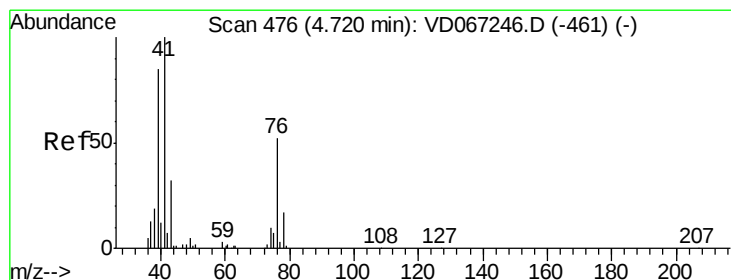
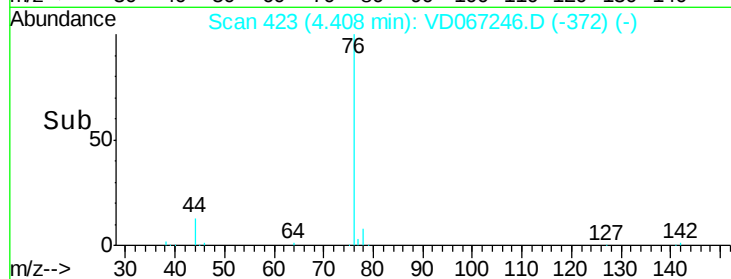
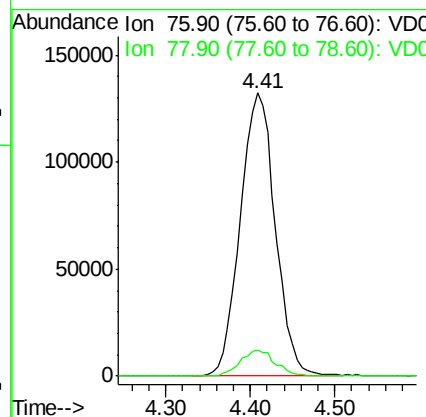
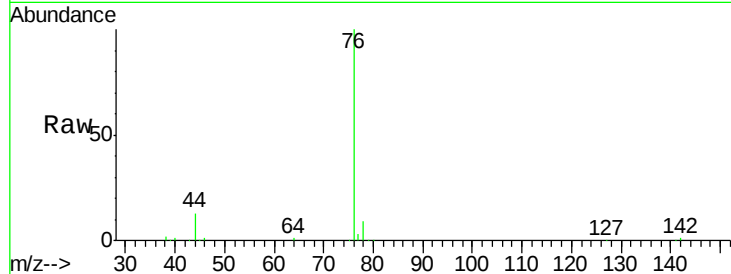
#17
Carbon Disulfide
Concen: 45.215 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

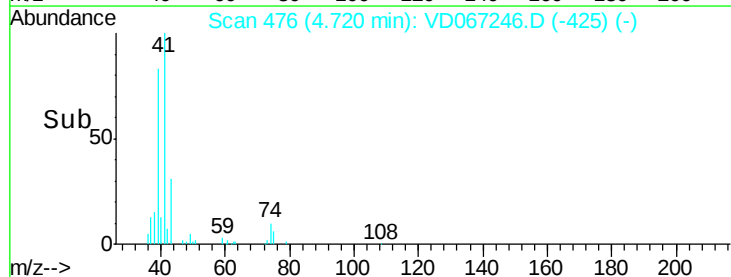
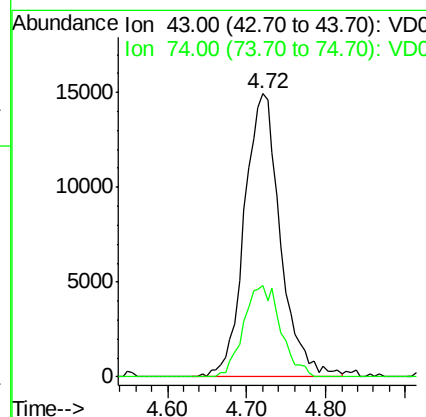
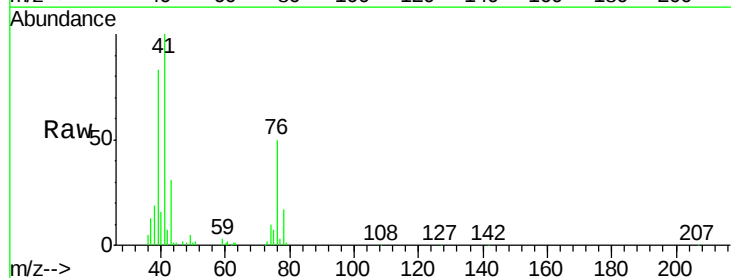
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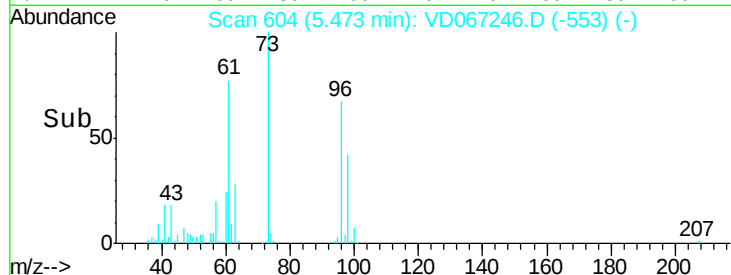
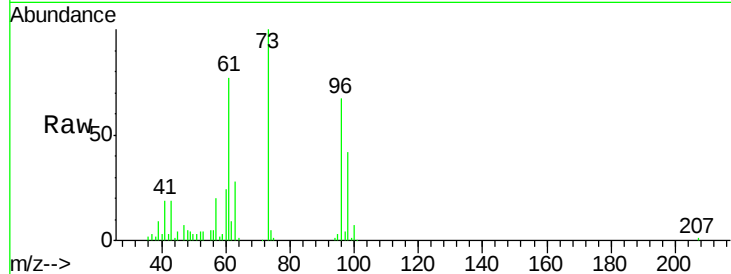
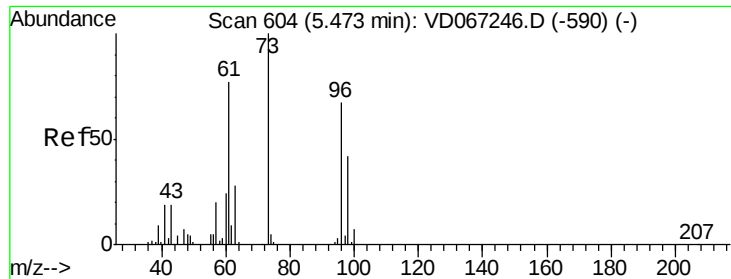
MMDadoda
10/14/2020 2:10:11 PM



#18
Methyl Acetate
Concen: 41.162 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.2	26.6	39.8





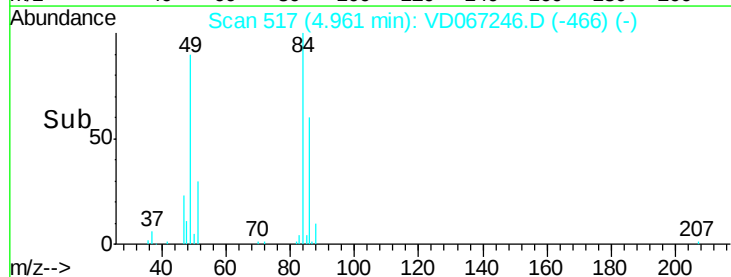
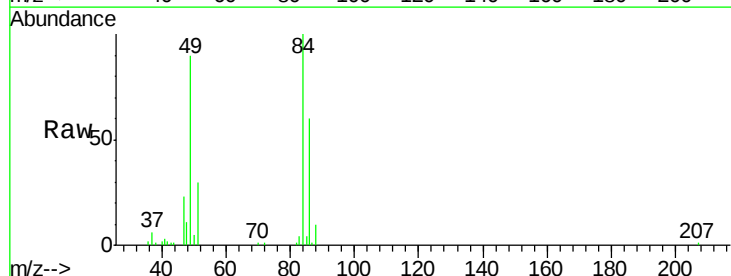
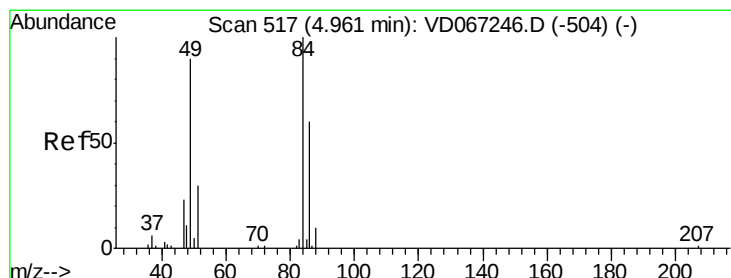
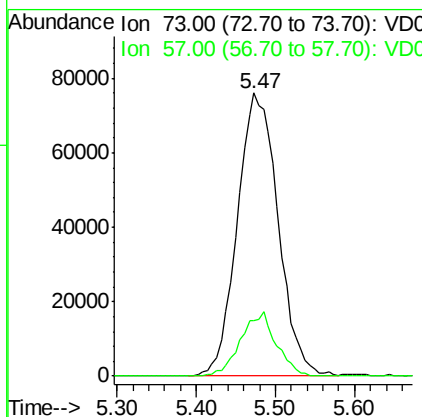
#19
Methvl tert-butvl Ether
Concen: 47.992 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tot Ion: 73 Resp: 272155
Ion Ratio Lower Upper
73 100
57 19.6 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

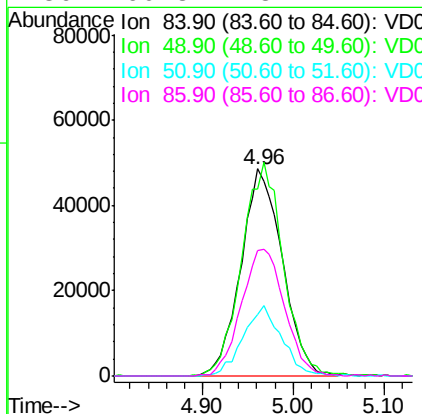
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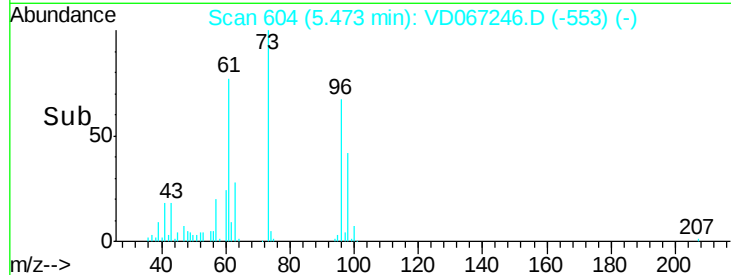
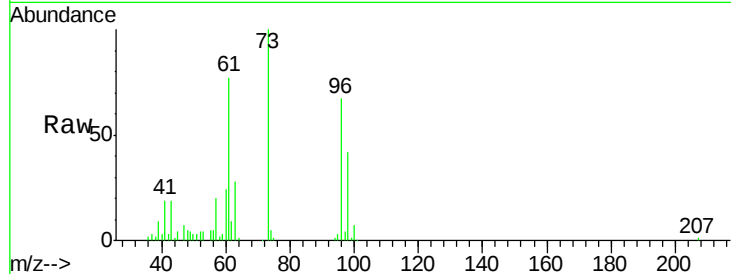
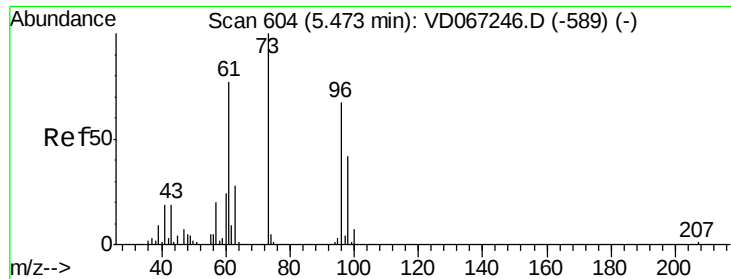
MMDadoda
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#20
Methylene Chloride
Concen: 38.459 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 84 Resp: 154158
Ion Ratio Lower Upper
84 100
49 90.2 72.2 108.2
51 29.8 23.8 35.8
86 60.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 45.735 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067246.D

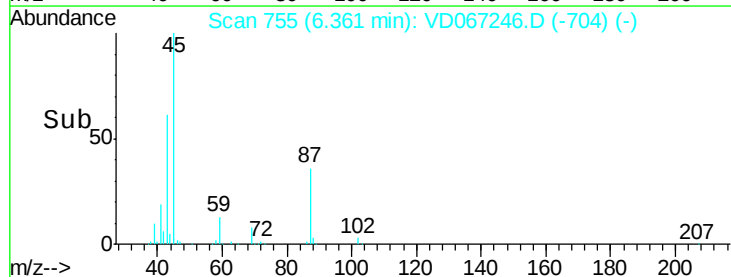
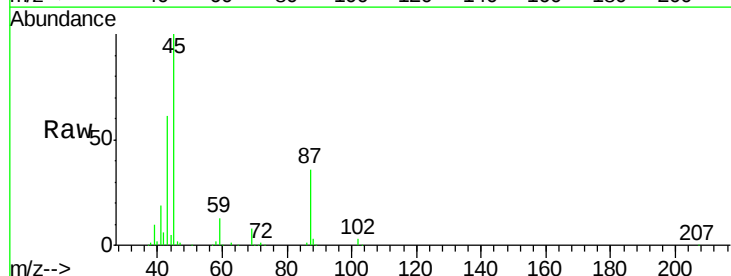
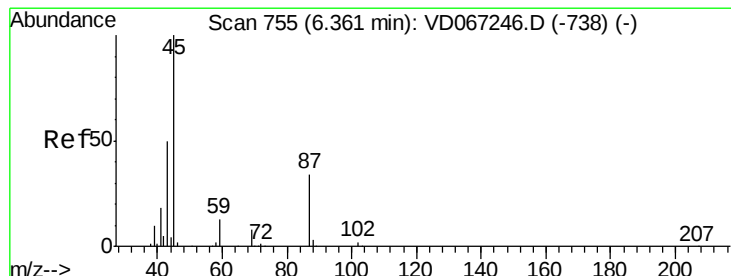
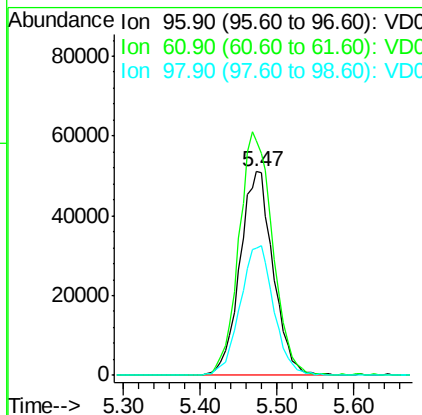
Acq: 13 Oct 2020 11:49

Tot Ion:	96	Resp:	153957
Ion	Ratio	Lower	Upper
96	100		
61	115.0	92.0	138.0
98	62.3	49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

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#22

Diisopropyl ether

Concen: 48.049 ug/l

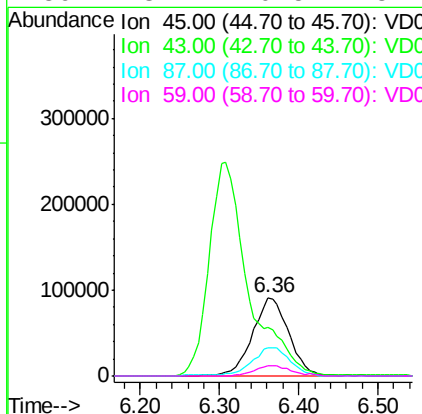
RT: 6.36 min Scan# 755

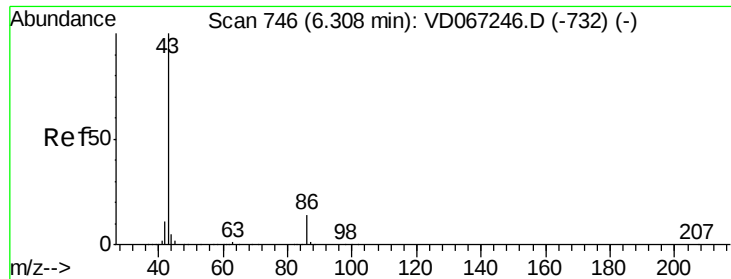
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion:	45	Resp:	290848
Ion	Ratio	Lower	Upper
45	100		
43	60.0	48.0	72.0
87	35.6	28.5	42.7
59	13.1	10.5	15.7





#23

Vinyl Acetate

Concen: 261.179 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleID :

VSTDICCC050

Tot Ion: 43 Resp: 857844

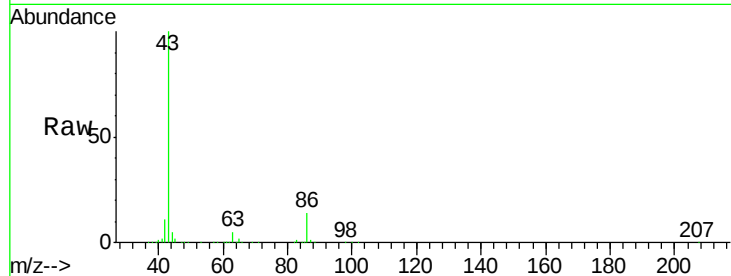
Ion Ratio Lower Upper

43 100

86 13.8 11.0 16.6

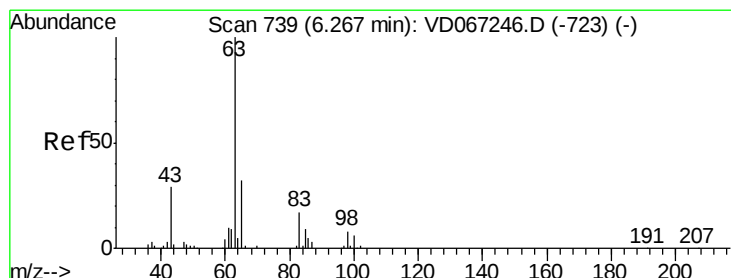
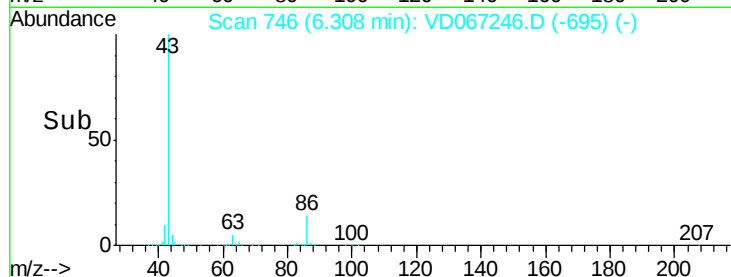
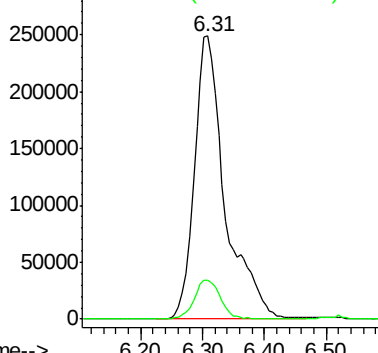
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 45.638 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

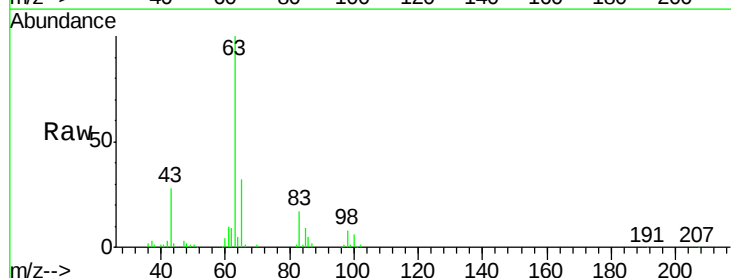
Tgt Ion: 63 Resp: 240683

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

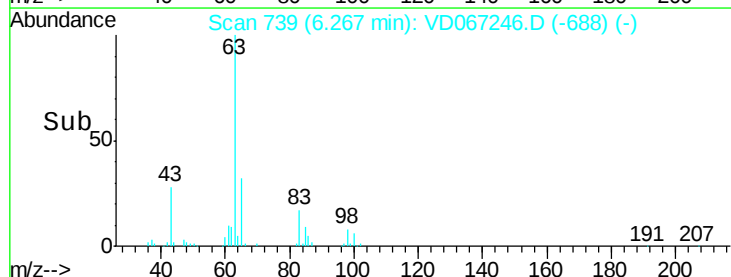
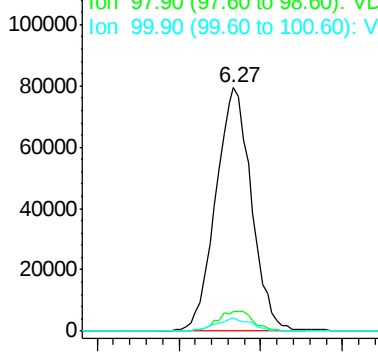
100 5.6 2.8 8.4

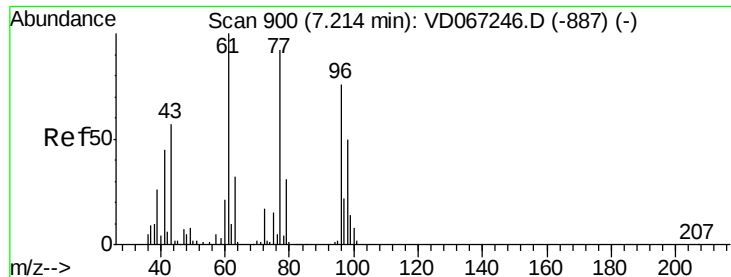


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 226.980 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 126995

Ion Ratio Lower Upper

43 100

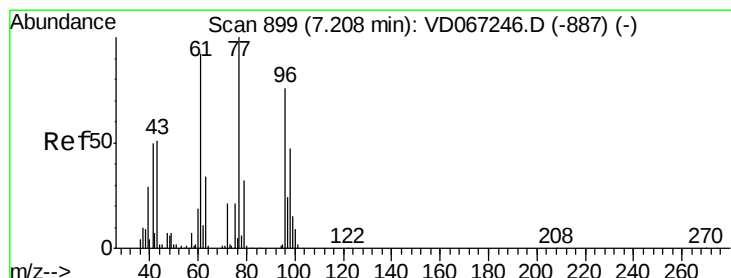
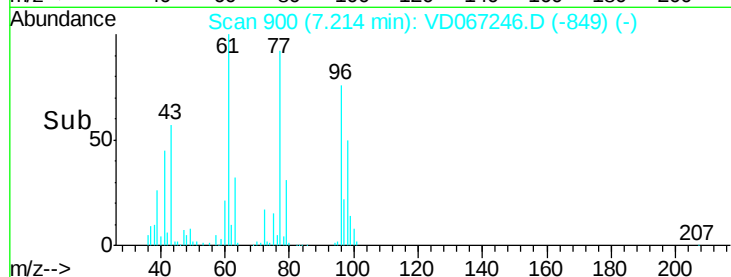
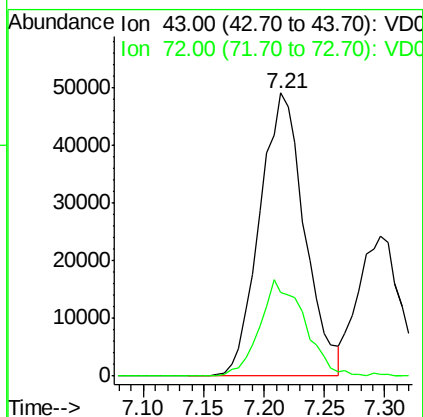
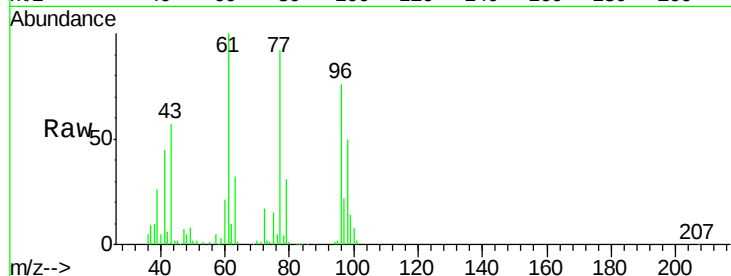
72 29.6 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.751 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067246.D

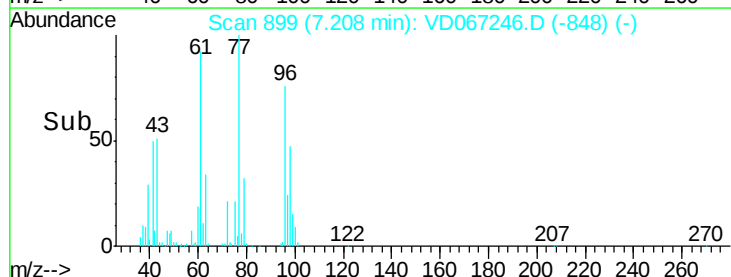
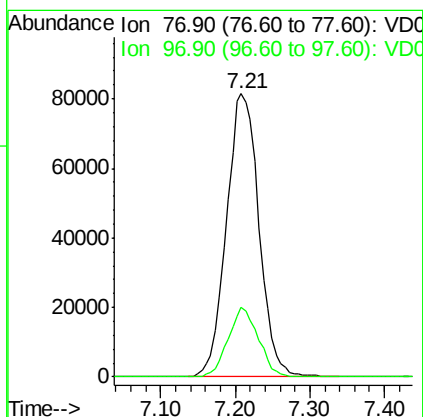
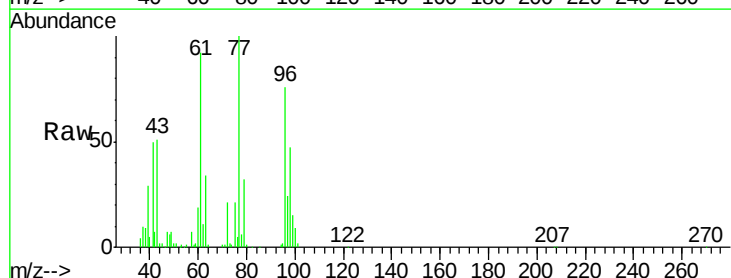
Acq: 13 Oct 2020 11:49

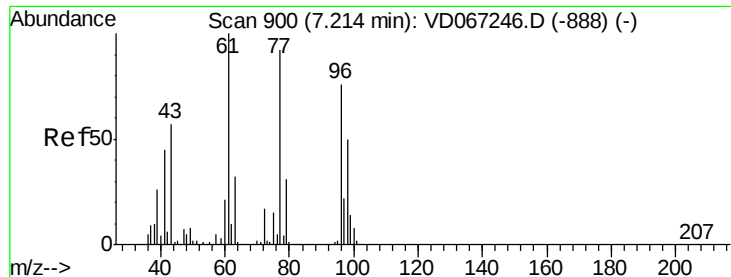
Tgt Ion: 77 Resp: 246379

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





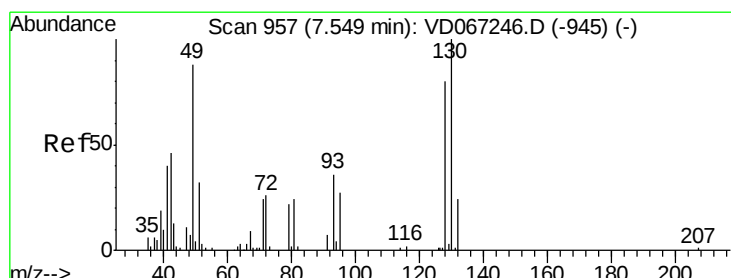
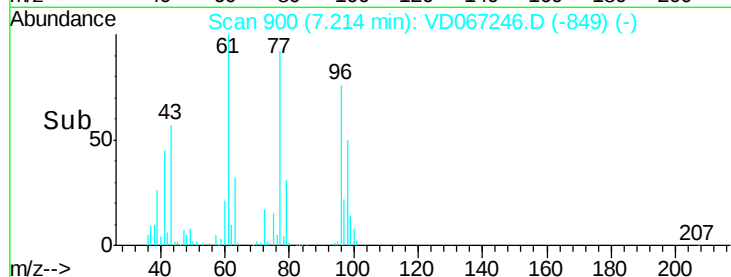
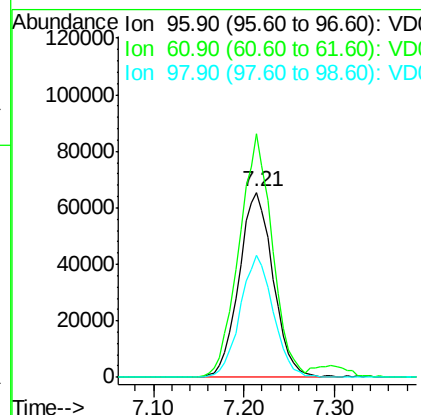
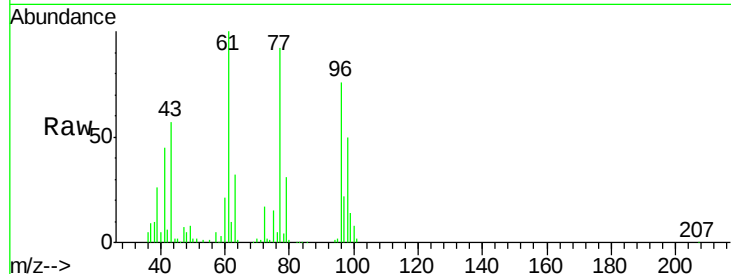
#27
 cis-1,2-Dichloroethene
 Concen: 46.413 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.7	0.0	255.4	
98	64.0	0.0	128.0	

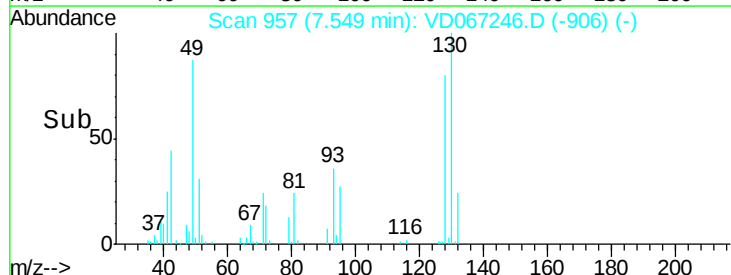
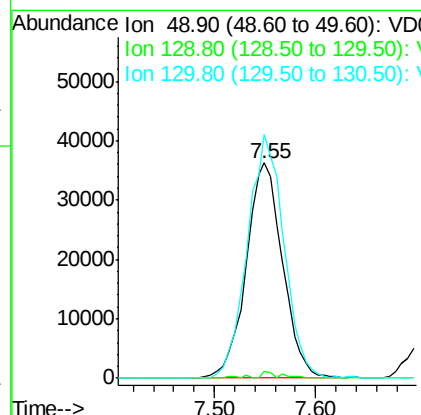
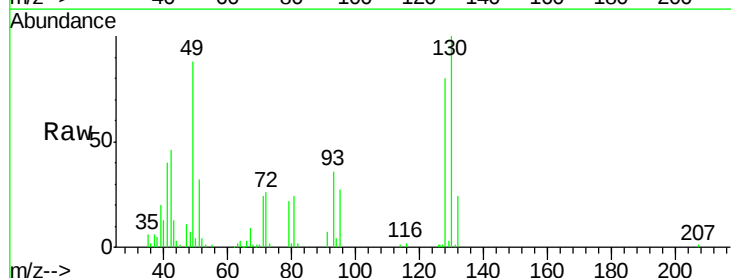
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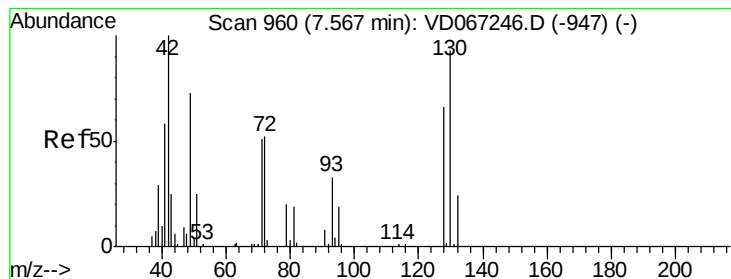
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#28
 Bromochloromethane
 Concen: 51.119 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.8	0.0	1.6	
130	113.8	91.0	136.6	





#29

Tetrahydrofuran

Concen: 239.228 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

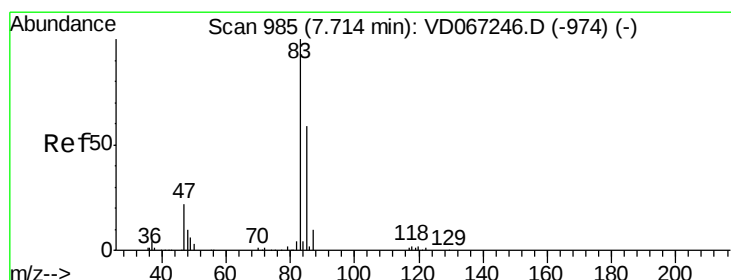
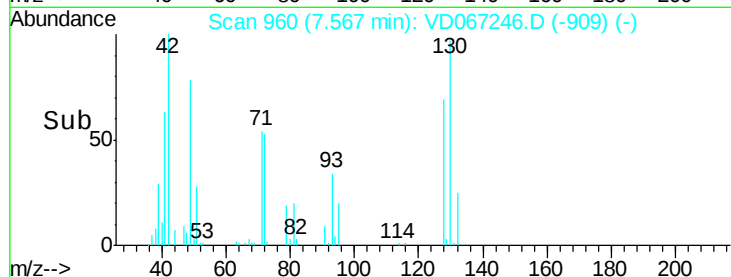
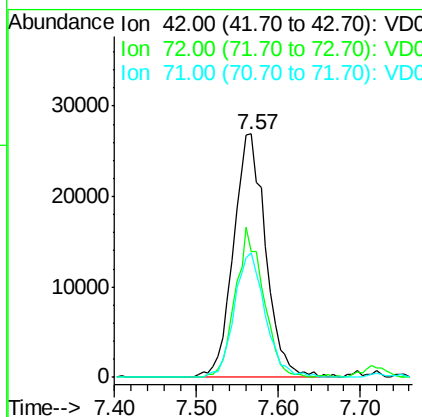
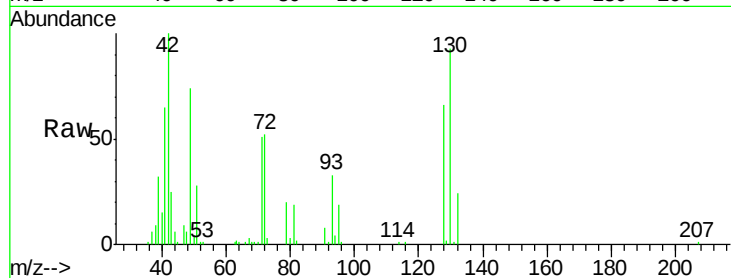
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	73765
Ion	Ratio	Lower	Upper
42	100		
72	54.0	43.2	64.8
71	49.2	39.4	59.0

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#30

Chloroform

Concen: 45.919 ug/l

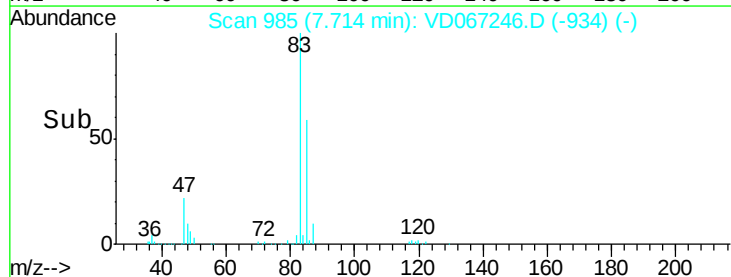
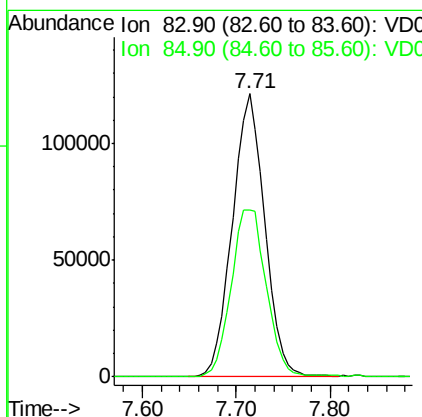
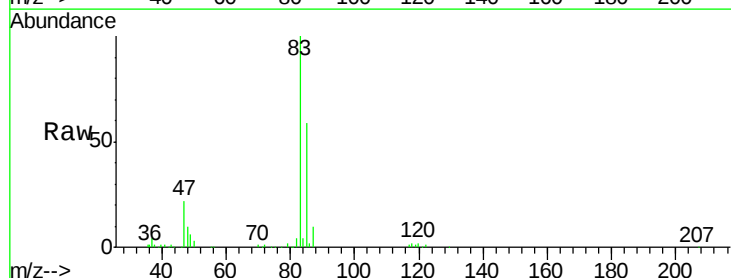
RT: 7.71 min Scan# 985

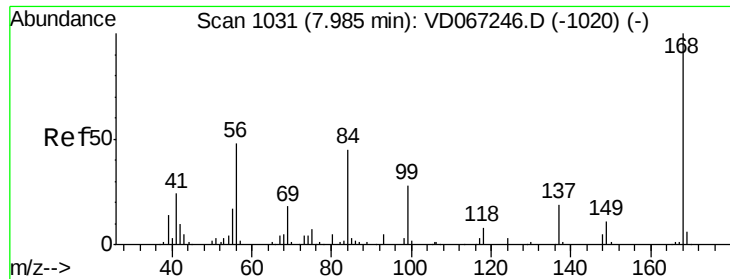
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion:	83	Resp:	290421
Ion	Ratio	Lower	Upper
83	100		
85	59.1	47.3	70.9





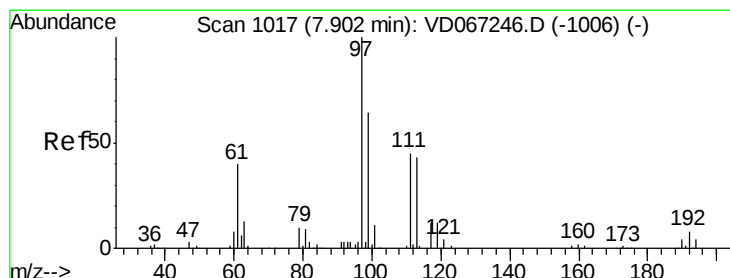
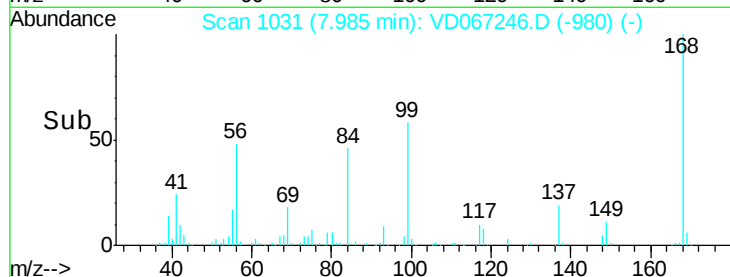
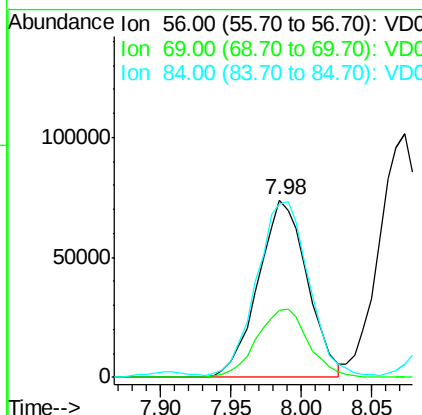
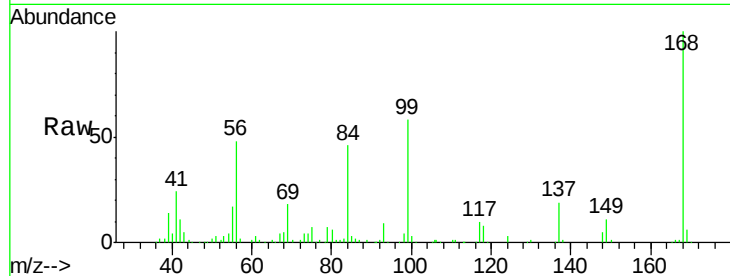
#31
Cyclohexane
Concen: 42.347 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	29.8	44.6
84	95.7	76.6	114.8

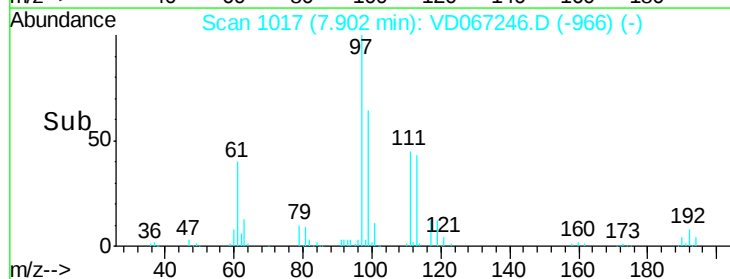
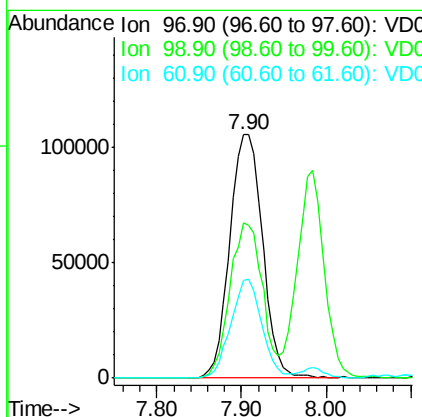
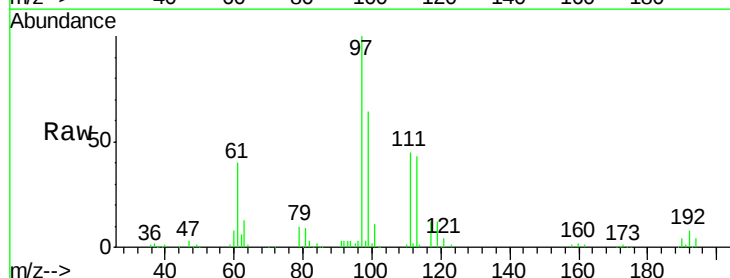
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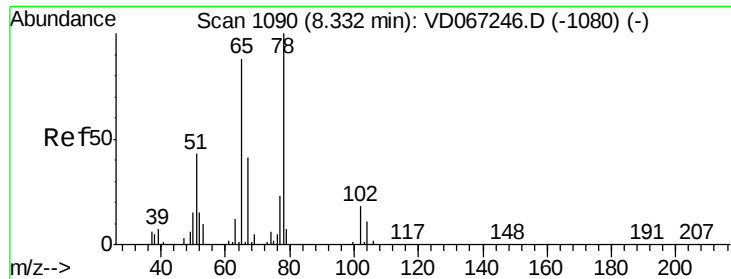
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#32
1,1,1-Trichloroethane
Concen: 45.730 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.2	75.4
61	38.1	30.5	45.7





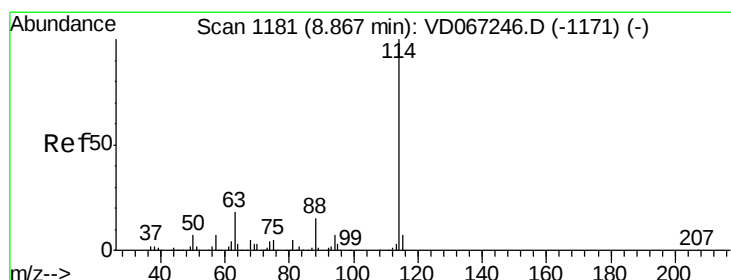
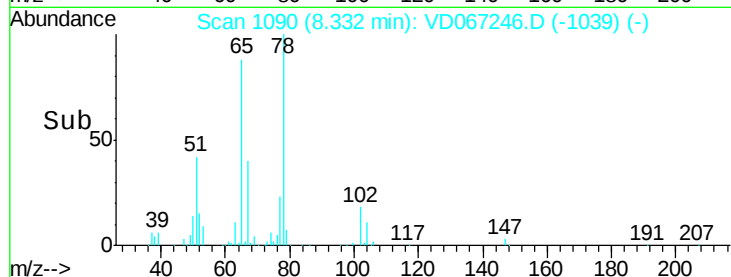
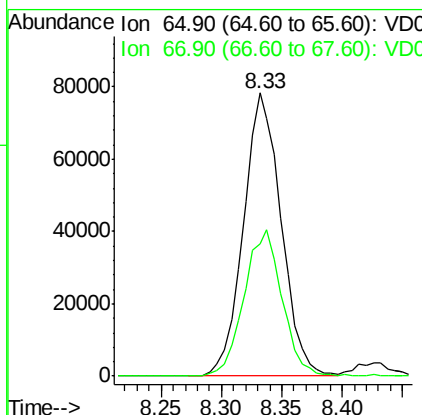
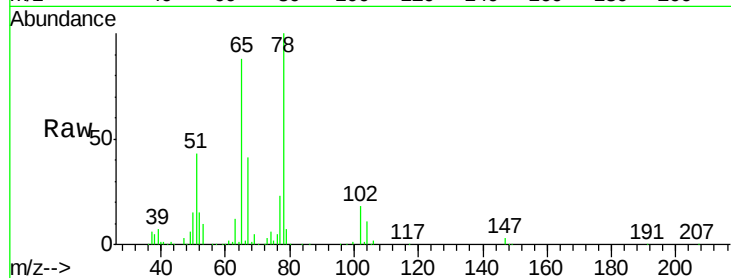
#33
 1,2-Dichloroethane-d4
 Concen: 48.227 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.8

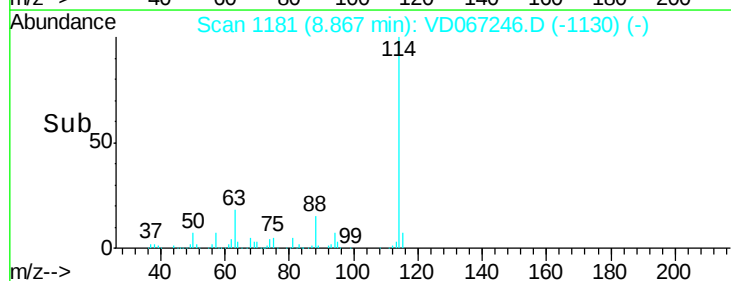
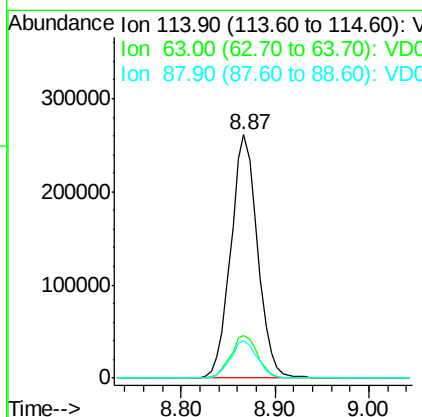
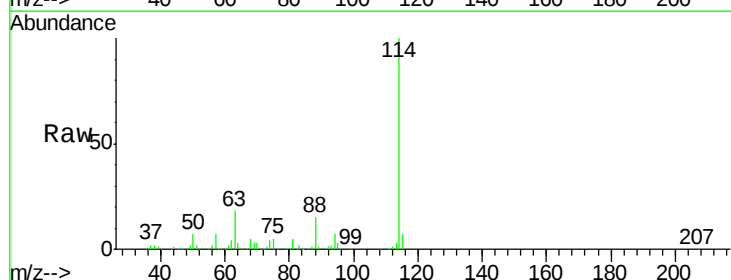
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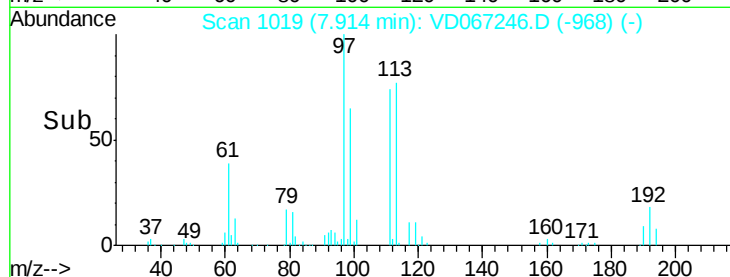
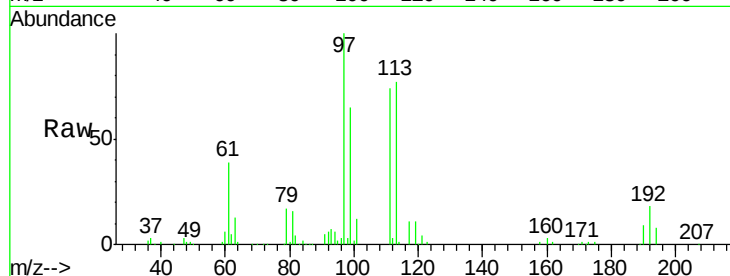
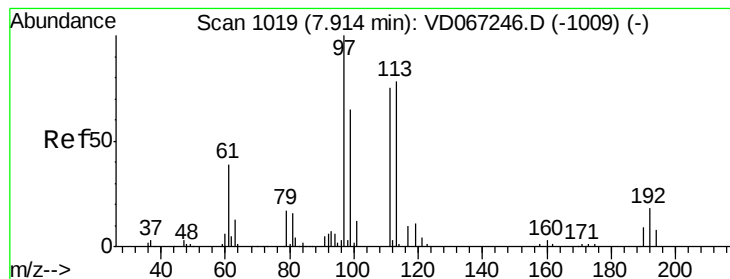
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	15.3	0.0	30.6





#35

Dibromofluoromethane

Concen: 51.683 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tot Ion:	113	Resp:	177611
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	21.2	17.0	25.4

Instrument :

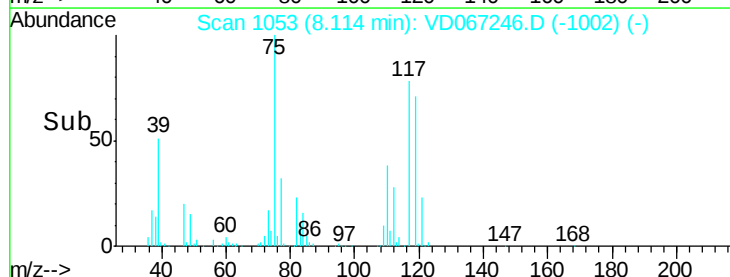
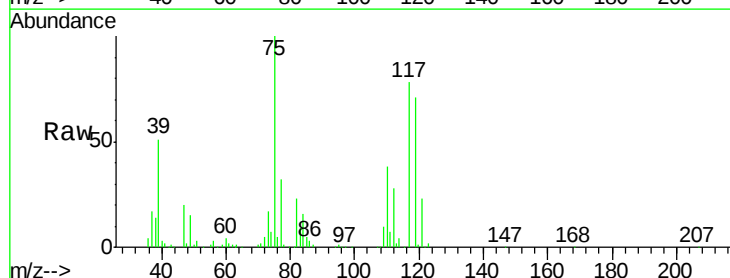
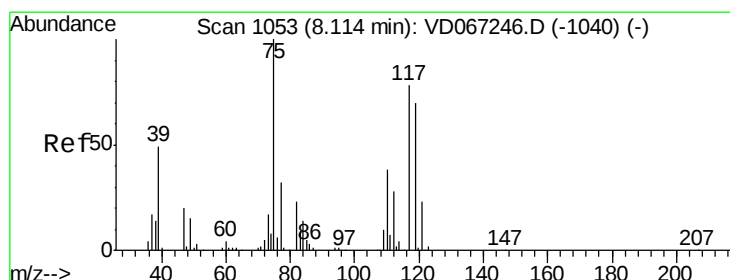
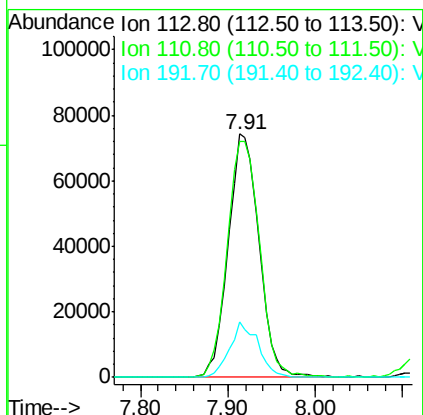
MSVOA_D

ClientSampleId :

VSTDICCC050

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#36

1,1-Dichloropropene

Concen: 46.248 ug/l

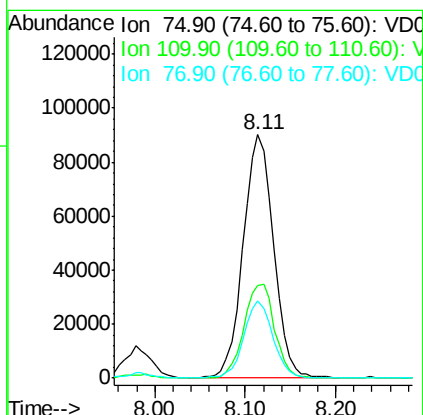
RT: 8.11 min Scan# 1053

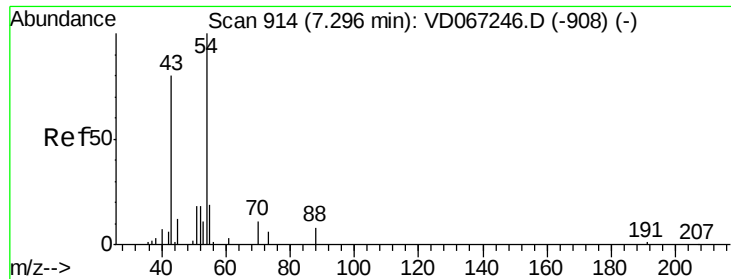
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion:	75	Resp:	208805
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.6	58.7
77	30.8	24.6	37.0





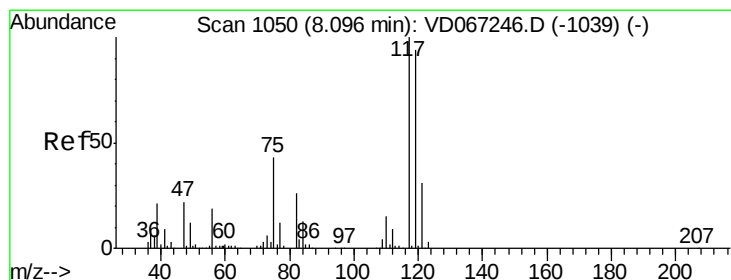
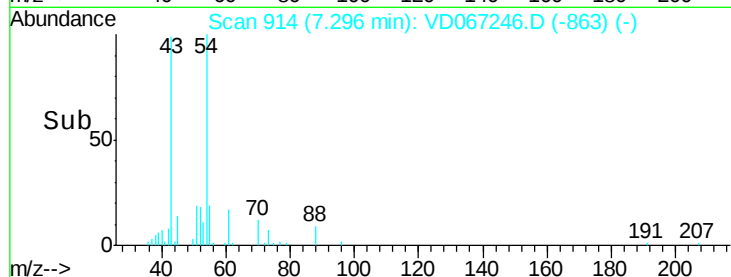
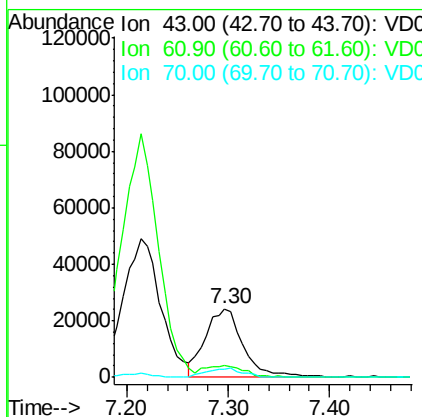
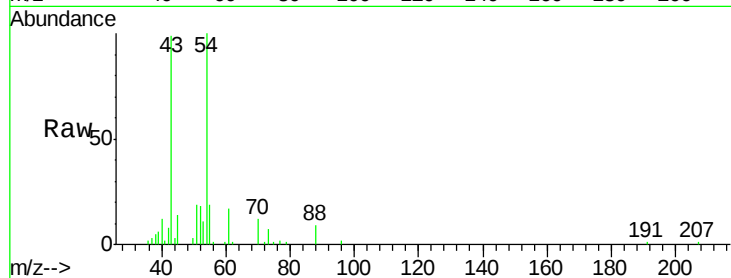
#37
Ethyl Acetate
Concen: 47.153 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
70	13.0	10.4	15.6

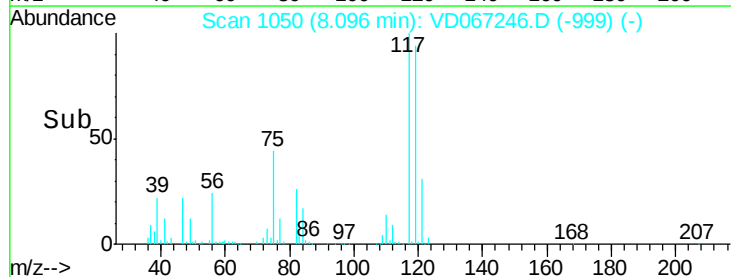
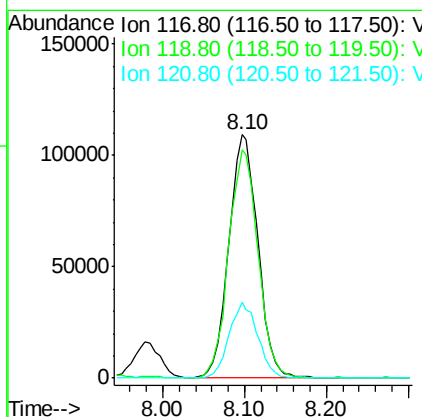
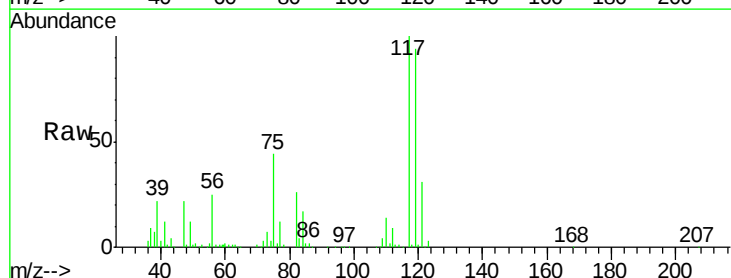
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#38
Carbon Tetrachloride
Concen: 46.759 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.0	112.4
121	31.1	24.9	37.3





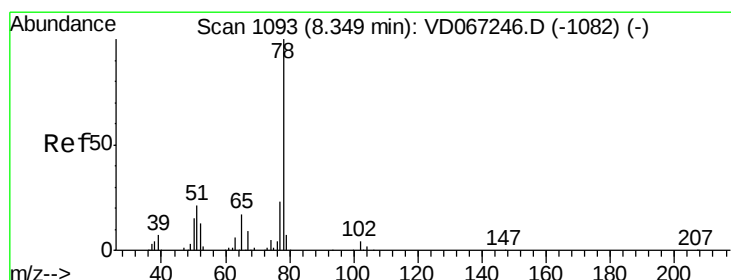
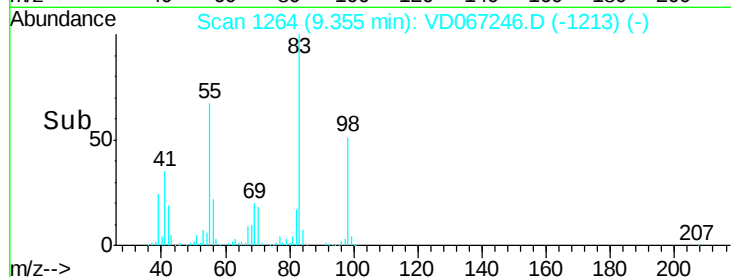
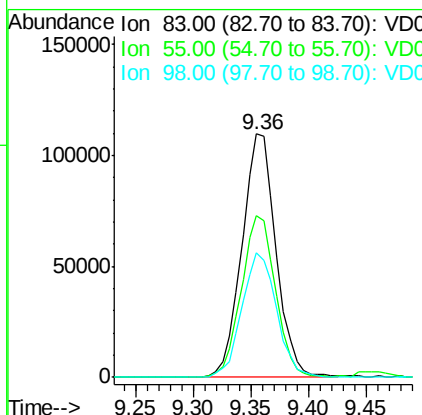
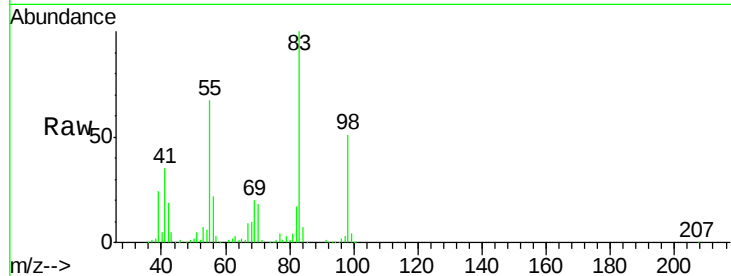
#39
Methvlcvclohexane
Concen: 48.730 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225579		
55	66.6		53.3	79.9
98	51.2		41.0	61.4

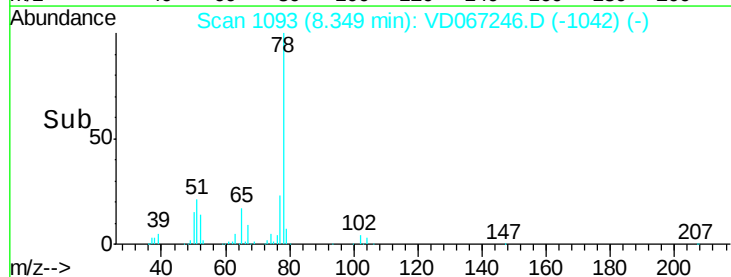
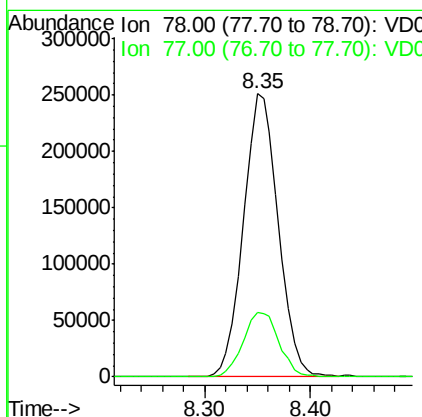
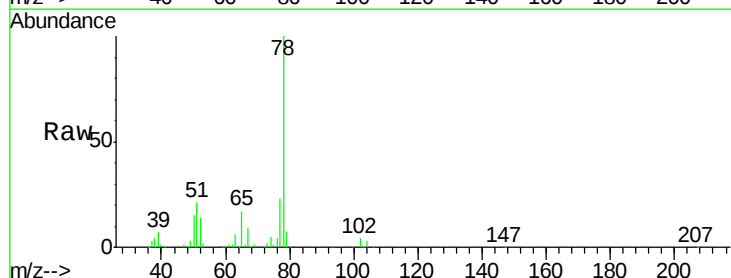
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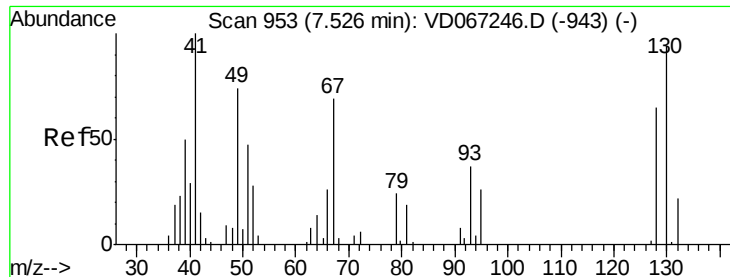
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#40
Benzene
Concen: 46.235 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	575176		
77	22.9		18.3	27.5





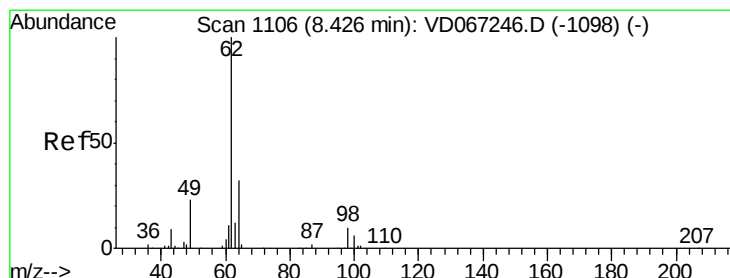
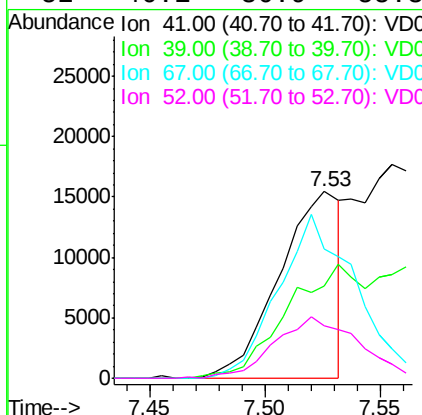
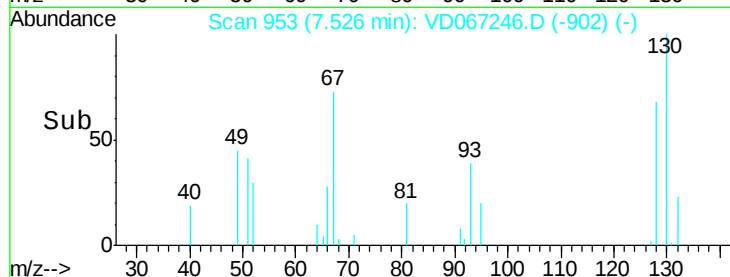
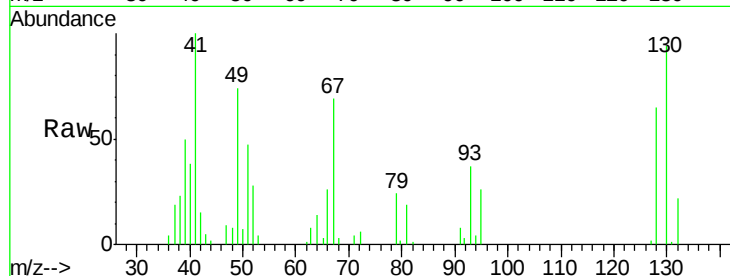
#41
Methacrylonitrile
Concen: 51.168 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	28577
Ion	Ratio	Lower	Upper
41	100		
39	75.0	60.0	90.0
67	111.1	88.9	133.3
52	46.1	36.9	55.3

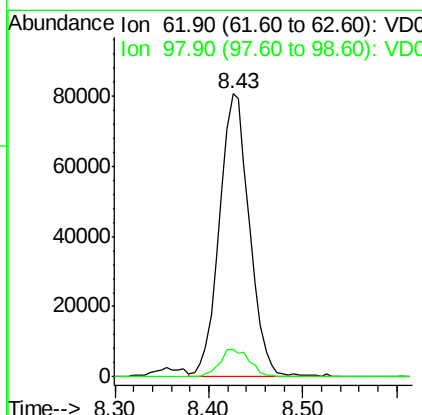
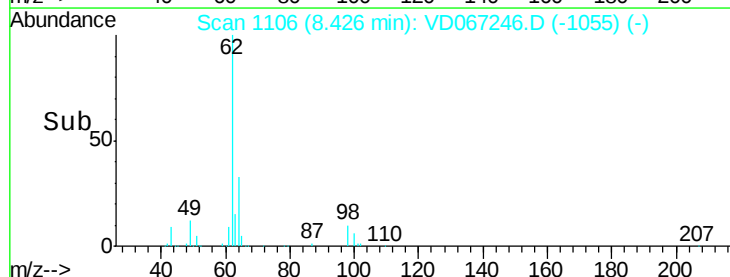
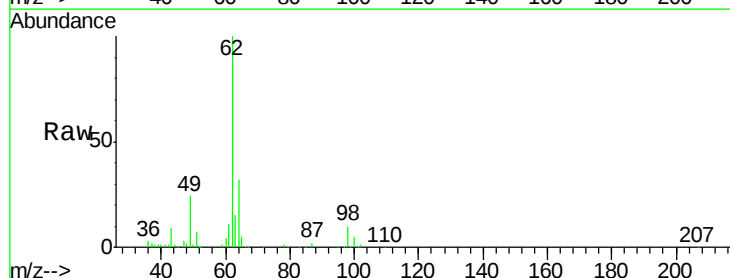
Manual Integrations
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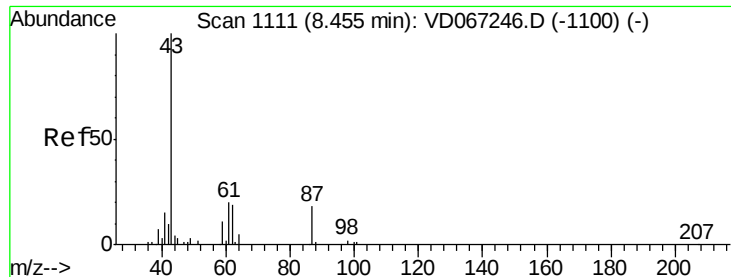
MMDadoda
10/14/2020 2:10:11 PM



#42
1,2-Dichloroethane
Concen: 46.333 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion:	62	Resp:	180088
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 46.466 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

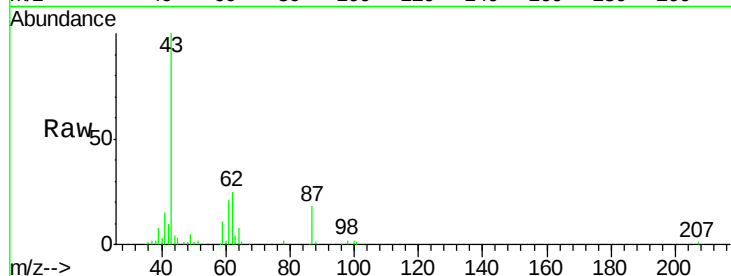
ClientSampleId :

VSTDICCC050

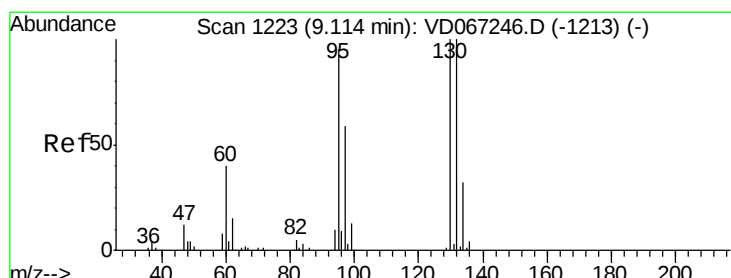
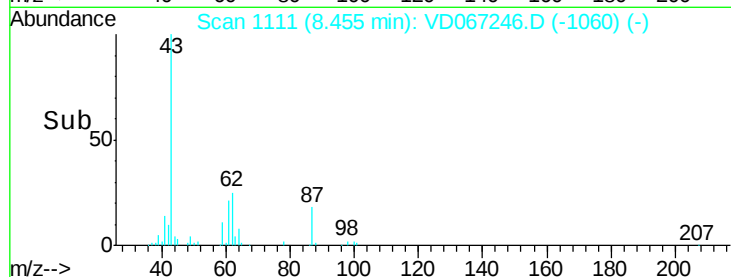
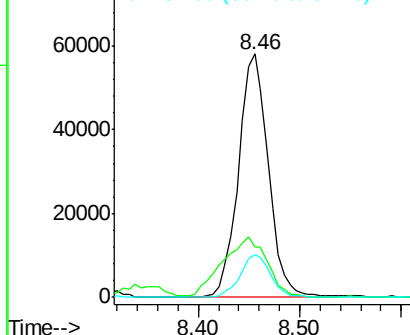
Tot Ion:	43	Resp:	119180
Ion	Ratio	Lower	Upper
43	100		
61	36.9	29.5	44.3
87	17.8	14.2	21.4

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 46.652 ug/l

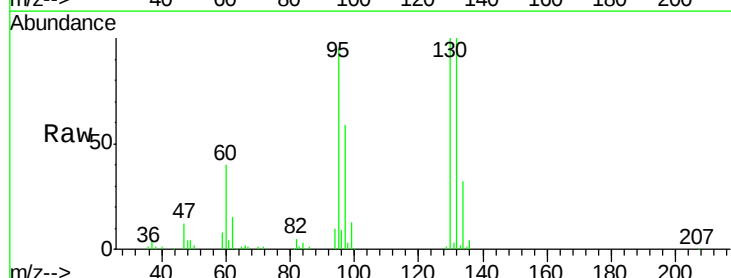
RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

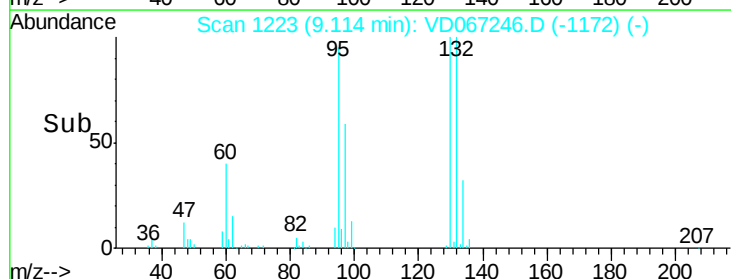
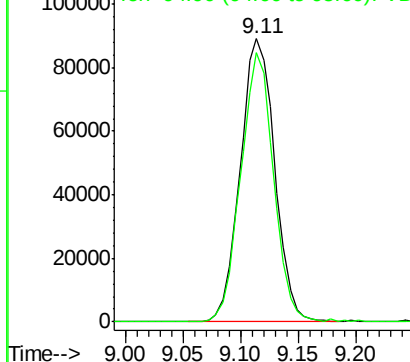
Lab File: VD067246.D

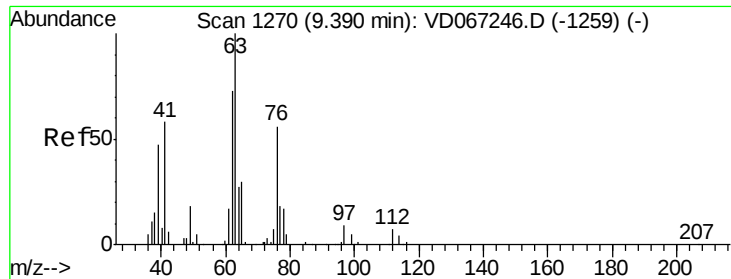
Acq: 13 Oct 2020 11:49

Tgt Ion:	130	Resp:	185452
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 46.292 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 132246

Ion Ratio Lower Upper

63 100

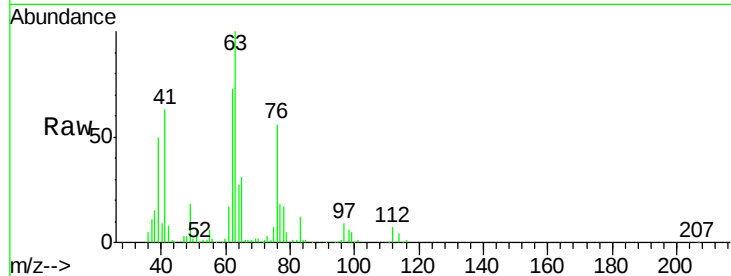
65 30.7 24.6 36.8

Manual Integrations

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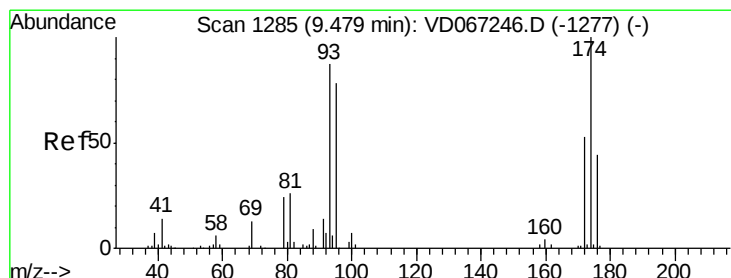
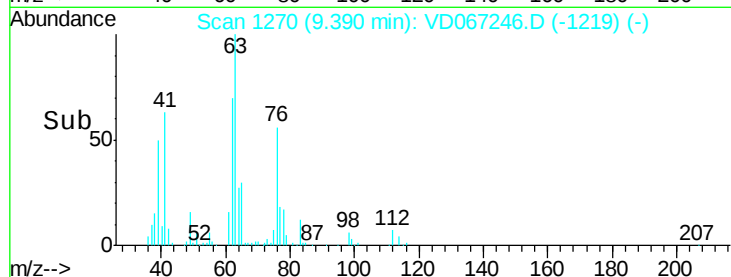
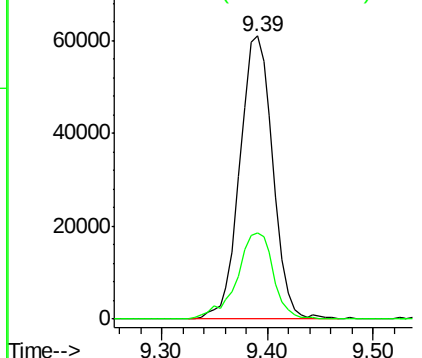
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 44.169 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

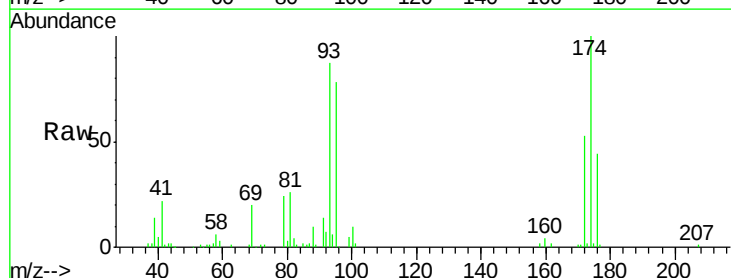
Tgt Ion: 93 Resp: 79445

Ion Ratio Lower Upper

93 100

95 85.0 68.0 102.0

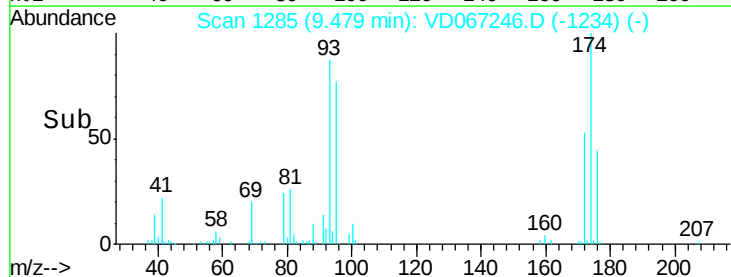
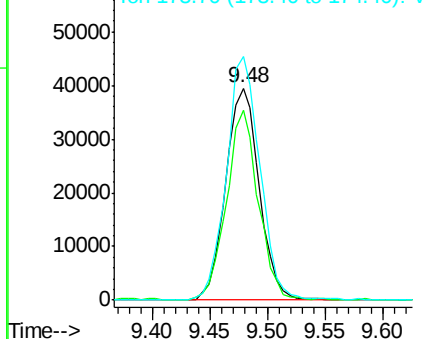
174 114.7 91.8 137.6

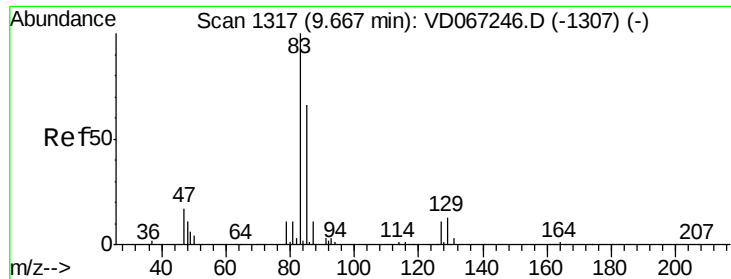


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.159 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

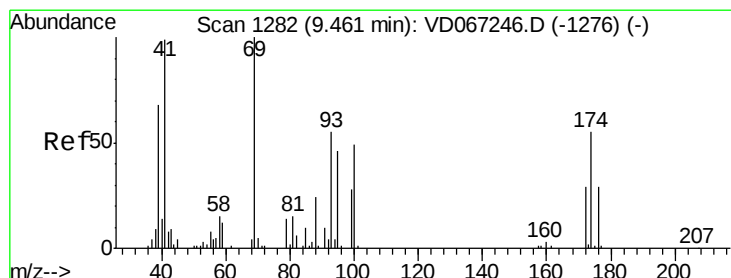
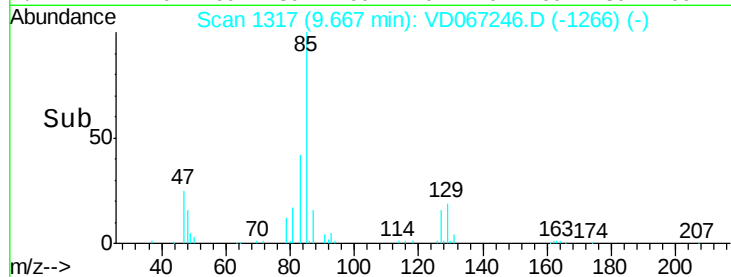
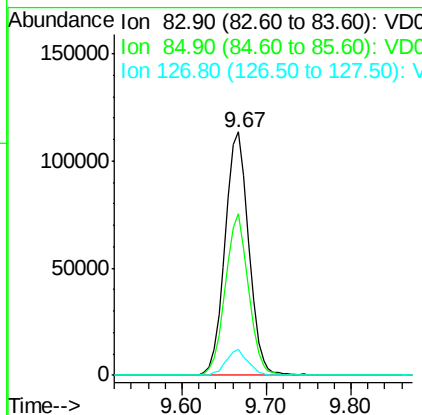
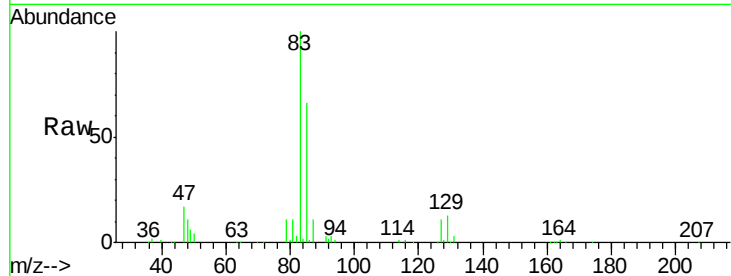
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	219875
Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.1	79.7
127	10.8	8.6	13.0

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#48

Methyl methacrylate

Concen: 45.806 ug/l

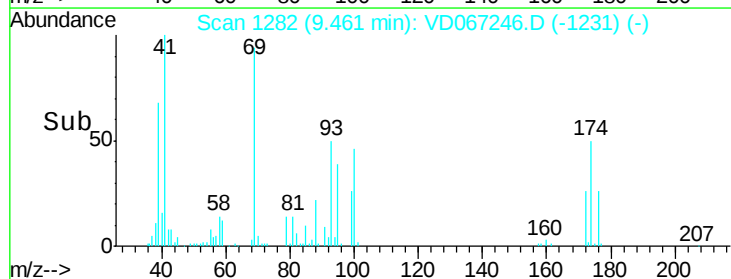
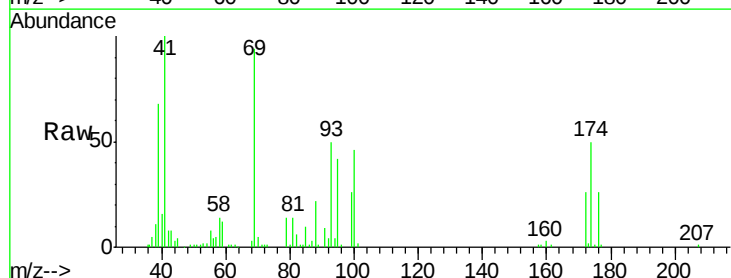
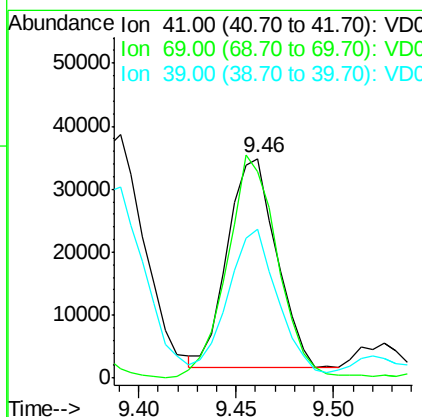
RT: 9.46 min Scan# 1282

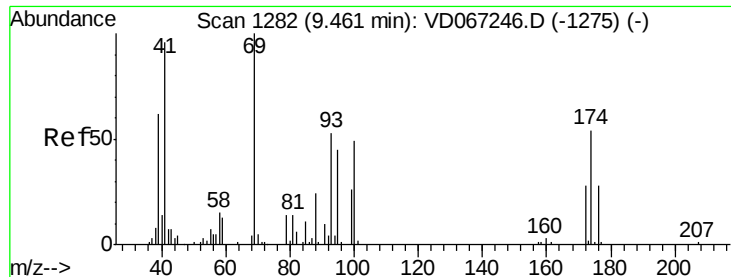
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion:	41	Resp:	57235
Ion	Ratio	Lower	Upper
41	100		
69	111.3	89.0	133.6
39	75.2	60.2	90.2





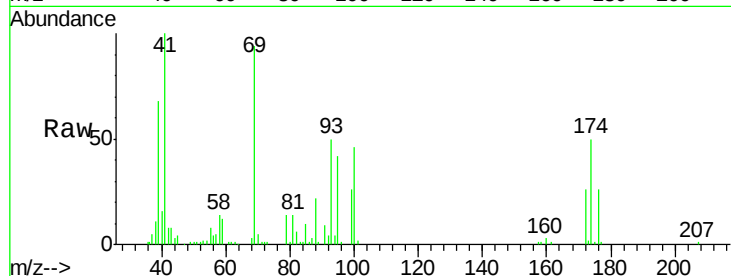
#49
1,4-Dioxane
Concen: 841.221 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.9	35.9
58	63.8	51.0	76.6

Manual Integrations
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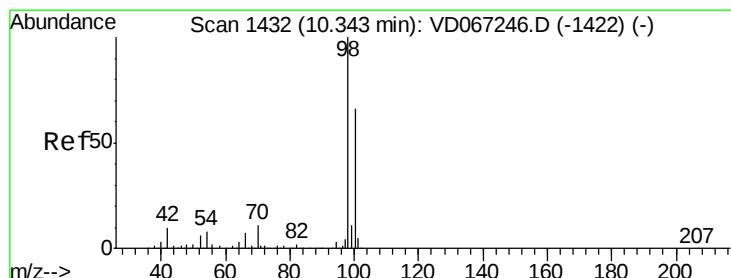
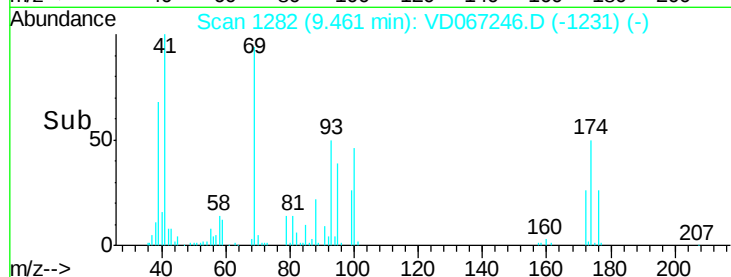
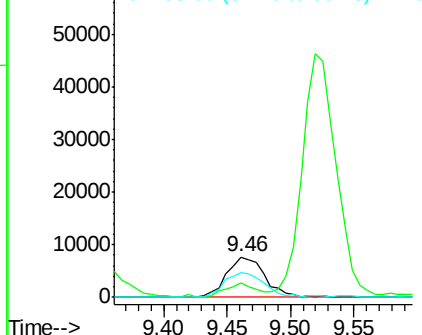


Abundance

Ion 88.00 (87.70 to 88.70): VDC

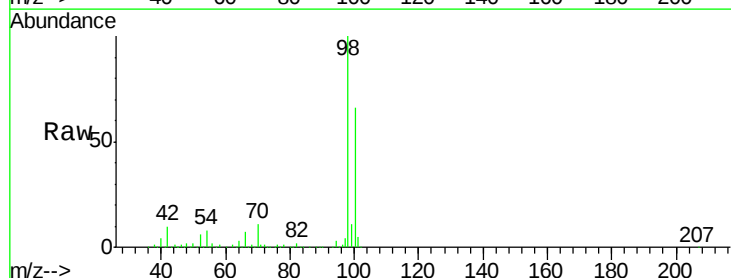
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

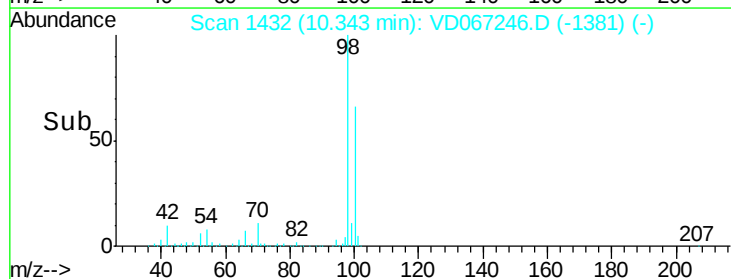
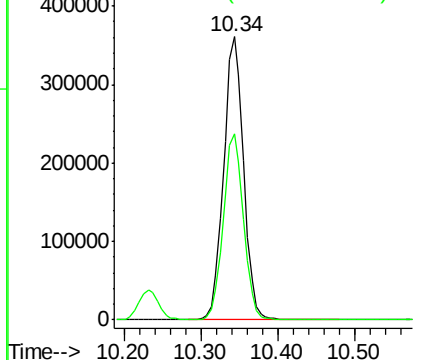
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7

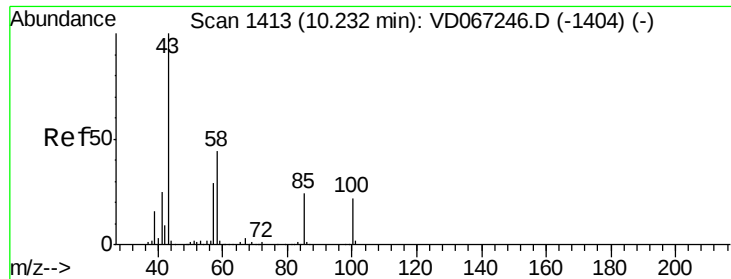


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





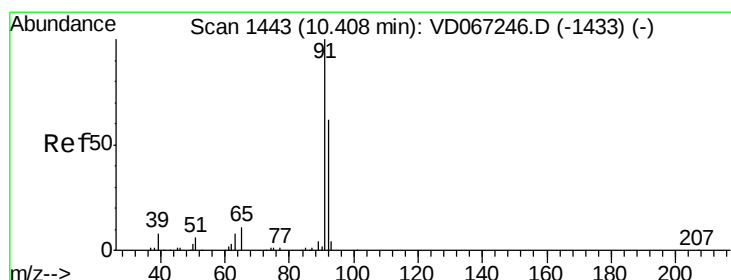
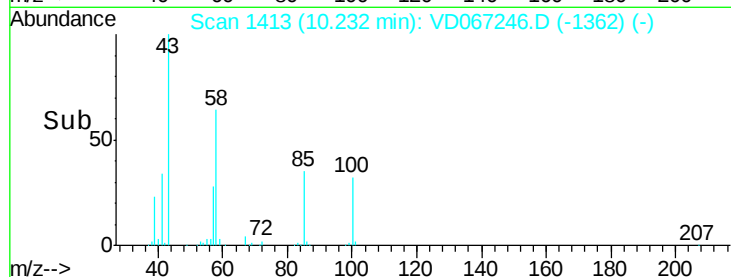
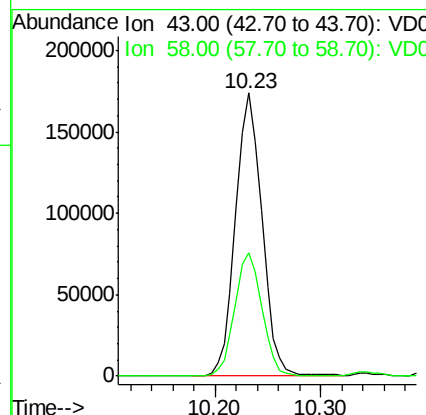
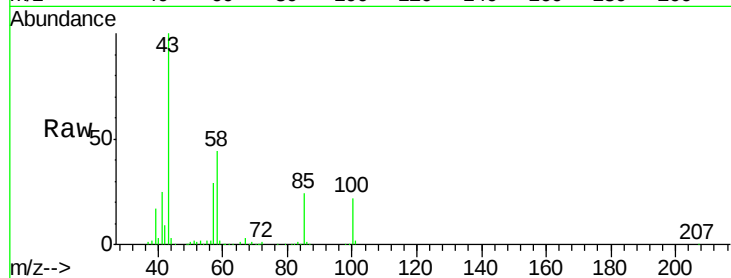
#51
4-Methyl-2-Pentanone
Concen: 232.078 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 302051
Ion Ratio Lower Upper
43 100
58 44.6 35.7 53.5

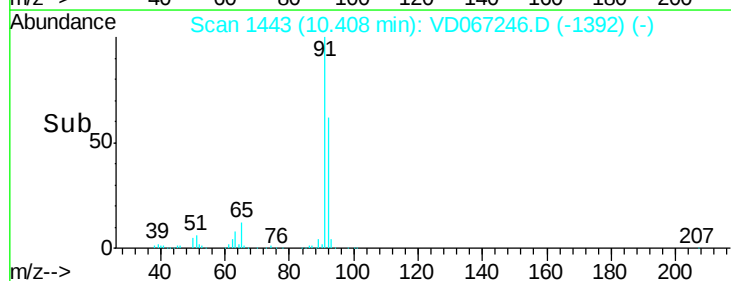
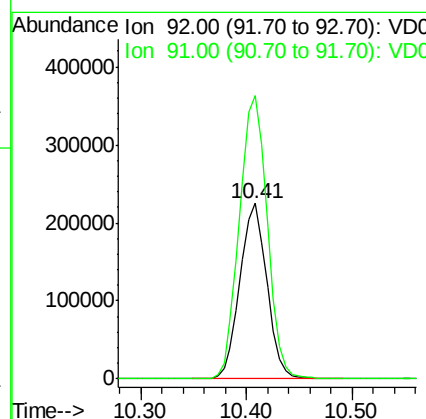
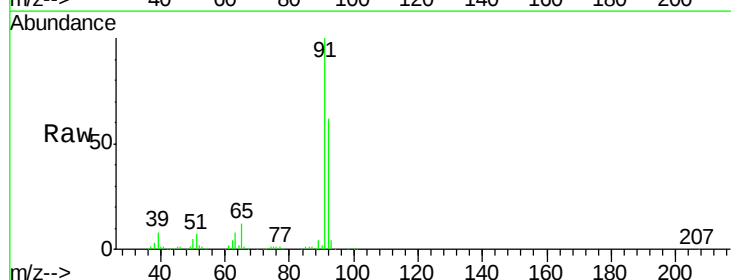
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#52
Toluene
Concen: 47.305 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 92 Resp: 398371
Ion Ratio Lower Upper
92 100
91 167.3 133.8 200.8





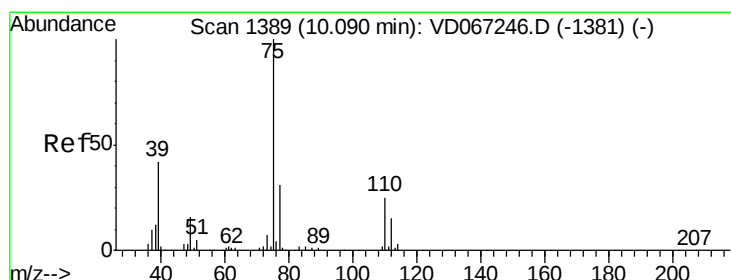
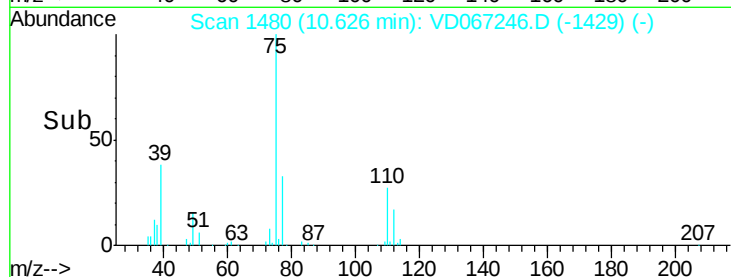
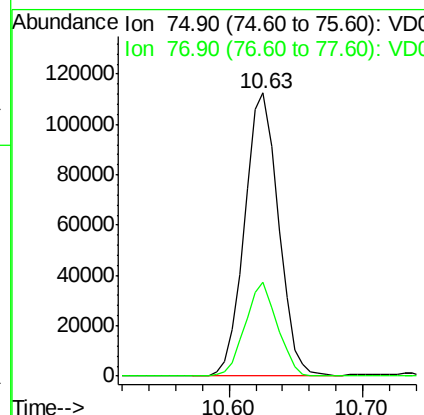
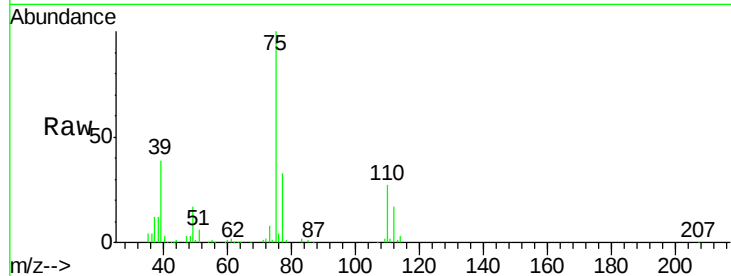
#53
t-1,3-Dichloropropene
Concen: 47.729 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 197753
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7

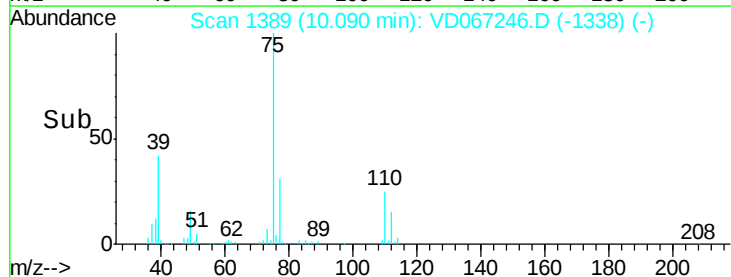
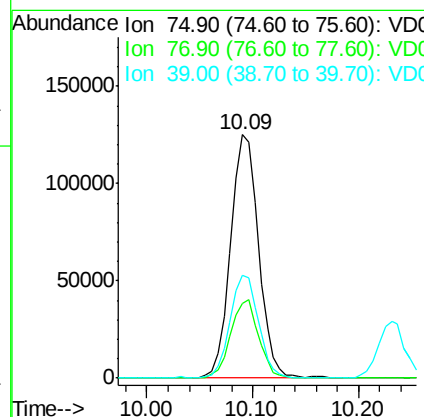
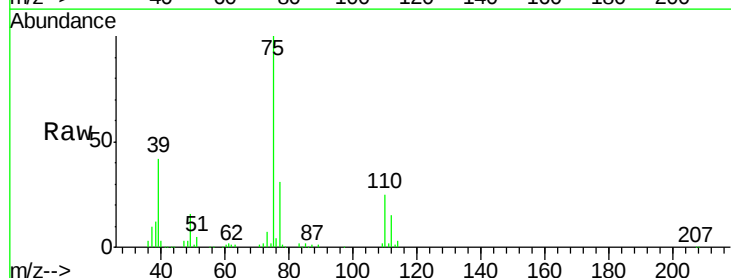
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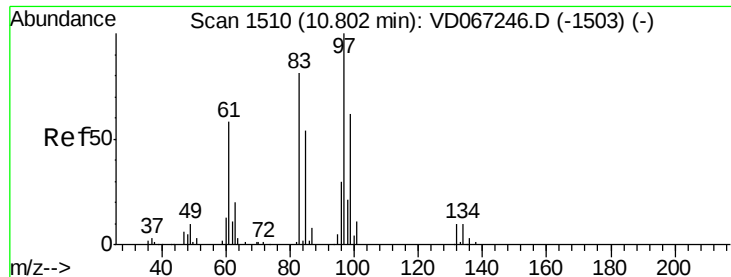
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#54
cis-1,3-Dichloropropene
Concen: 47.208 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 75 Resp: 229152
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 42.1 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 44.546 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

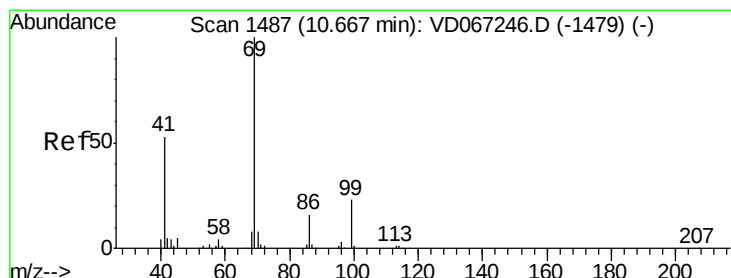
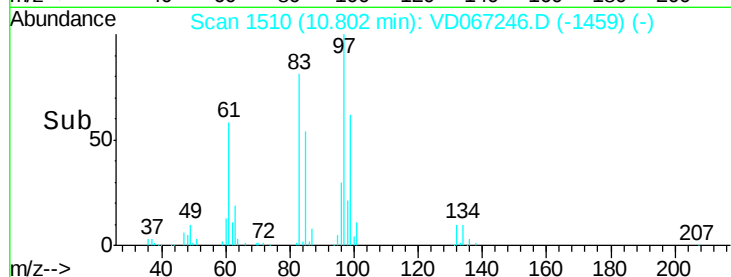
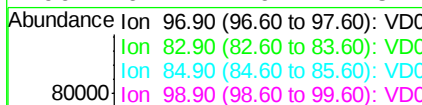
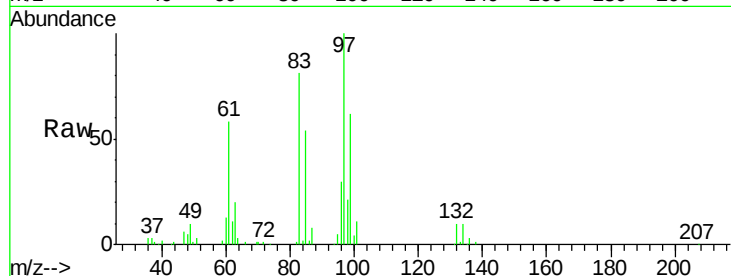
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	110014
Ion	Ratio	Lower	Upper
97	100		
83	81.1	64.9	97.3
85	54.1	43.3	64.9
99	61.4	49.1	73.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.479 ug/l

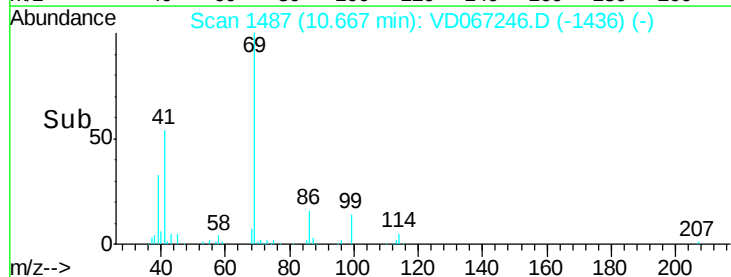
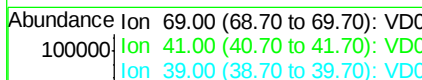
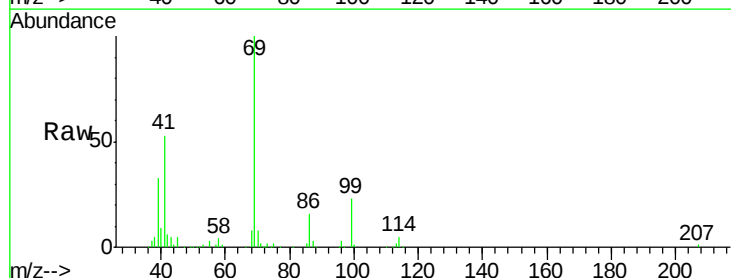
RT: 10.67 min Scan# 1487

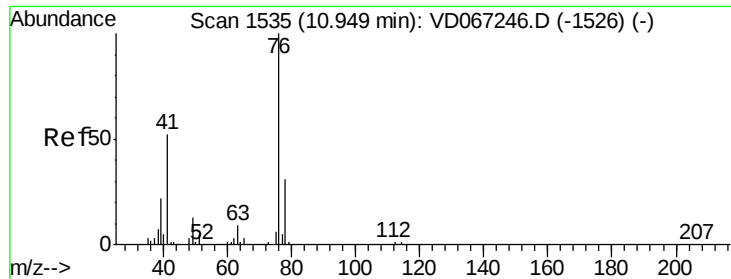
Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion:	69	Resp:	119395
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.7	67.1
39	32.7	26.2	39.2





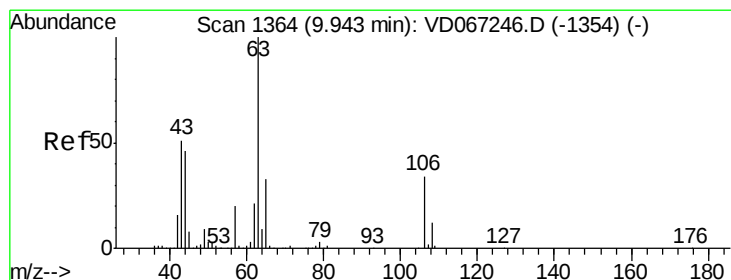
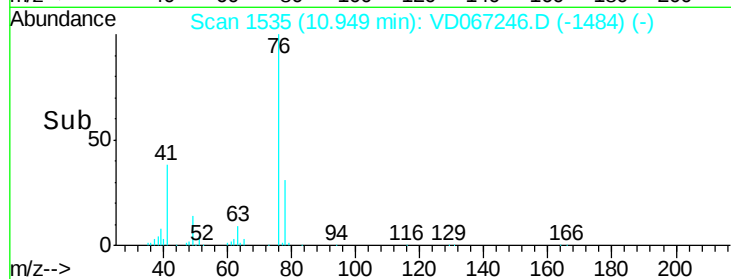
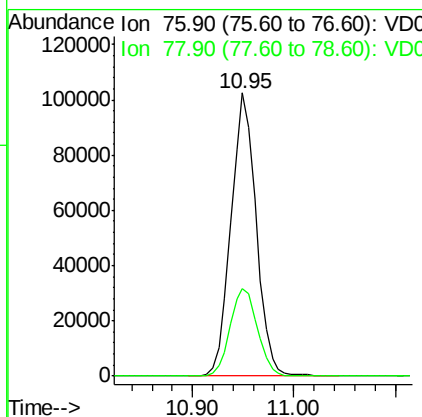
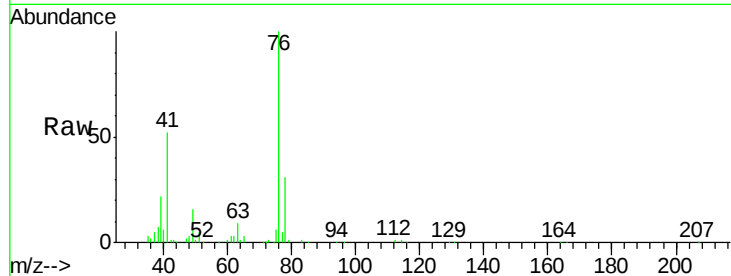
#57
 1,3-Dichloropropane
 Concen: 45.737 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 176835
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.8 40.2

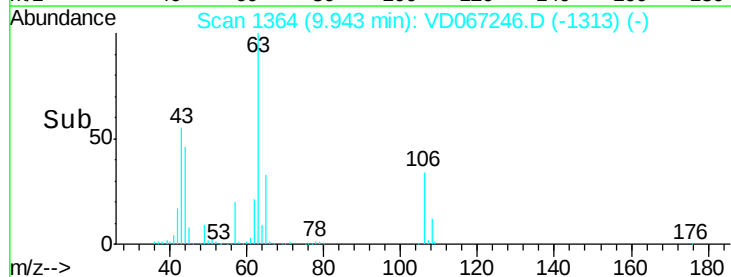
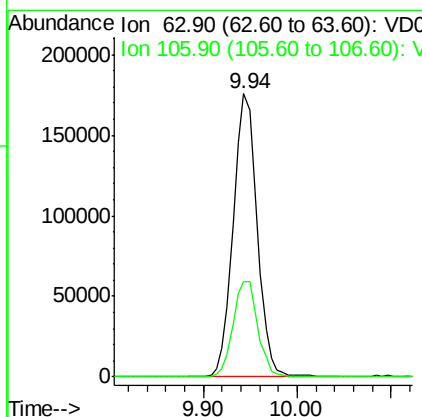
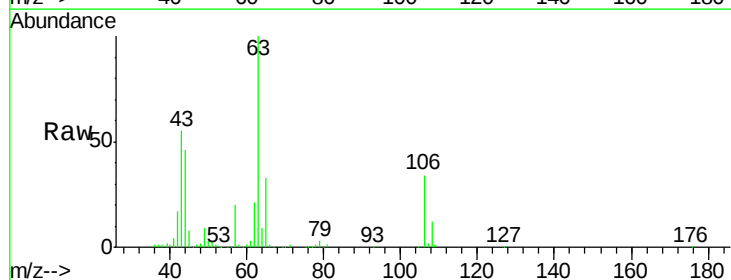
Manual Integrations
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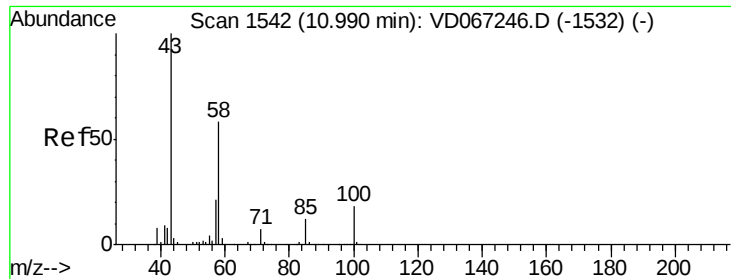
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#58
 2-Chloroethyl Vinyl ether
 Concen: 251.174 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 63 Resp: 312189
 Ion Ratio Lower Upper
 63 100
 106 34.7 27.8 41.6





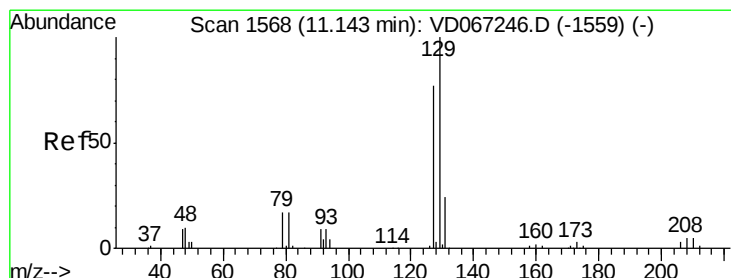
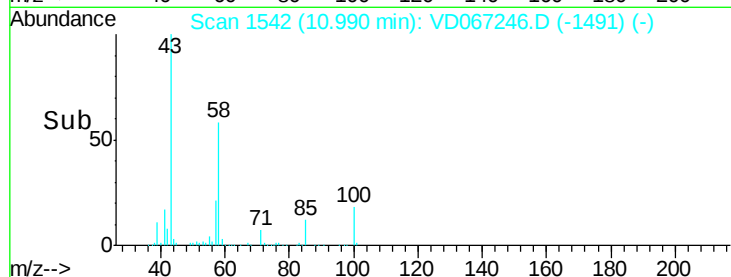
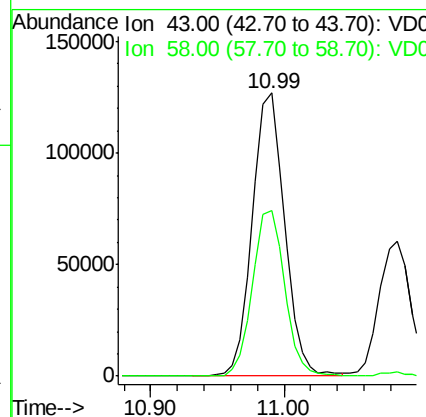
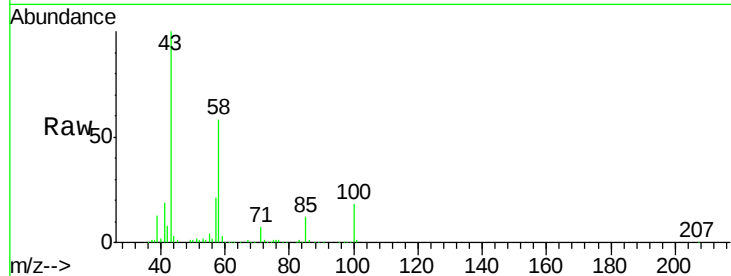
#59
2-Hexanone
Concen: 241.740 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.6	29.3	87.9

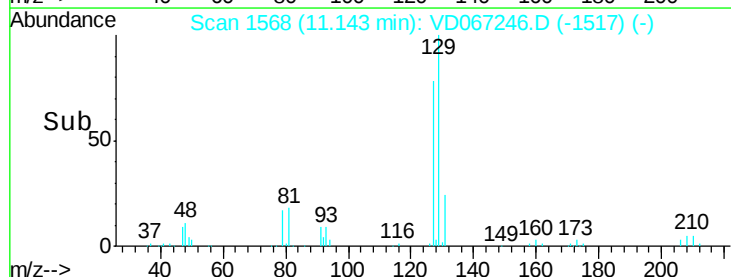
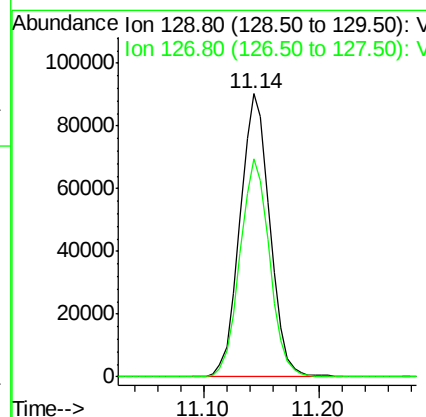
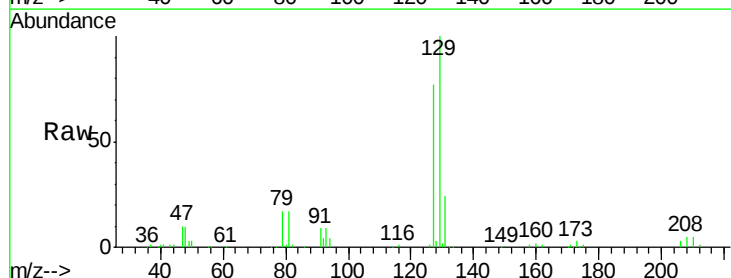
Manual Integrations
APPROVED

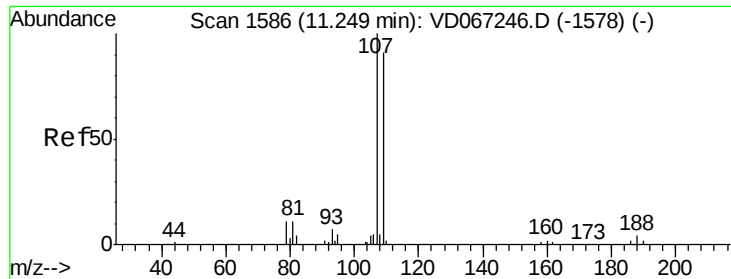
MMDadoda
10/14/2020 2:10:11 PM



#60
Dibromochloromethane
Concen: 45.249 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.3	114.8





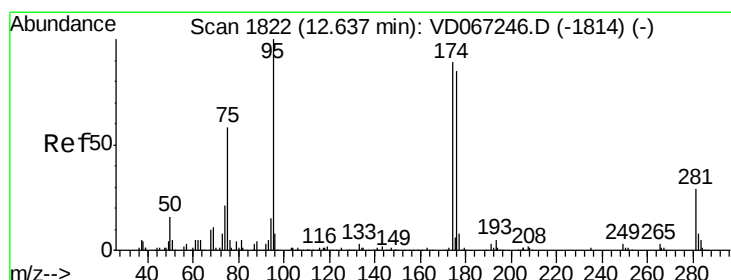
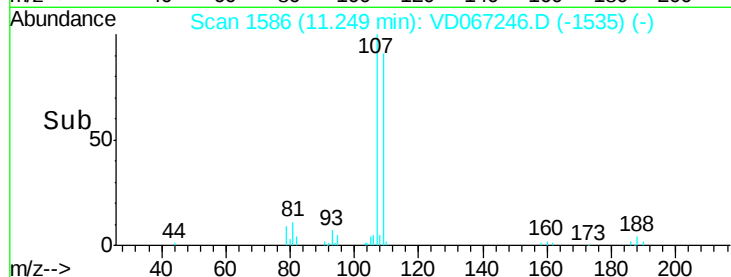
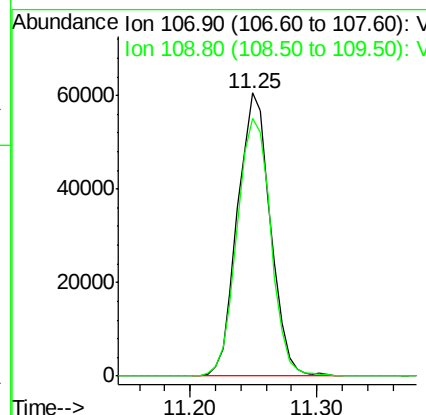
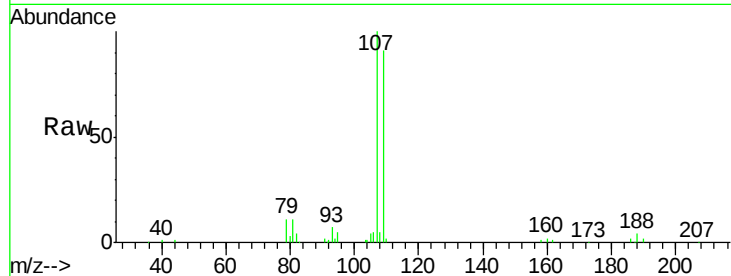
#61
 1,2-Dibromoethane
 Concen: 45.234 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.6	112.0

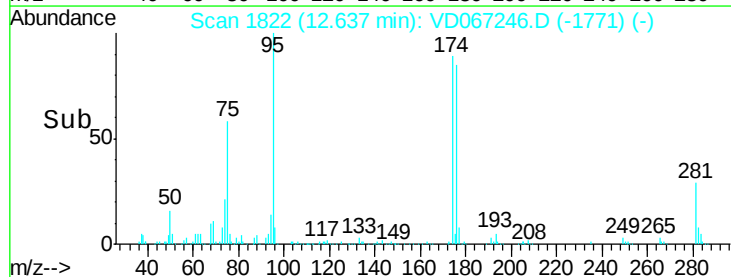
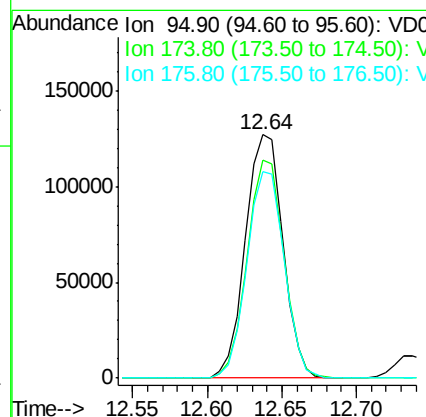
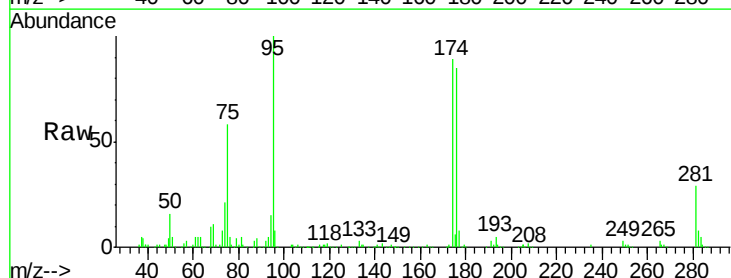
Manual Integrations
 APPROVED

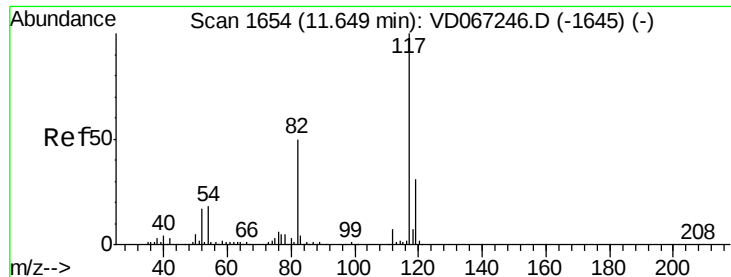
MMDadoda
 10/14/2020 2:10:11 PM



#62
 4-Bromofluorobenzene
 Concen: 50.612 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	175.2
176	84.3	0.0	168.6





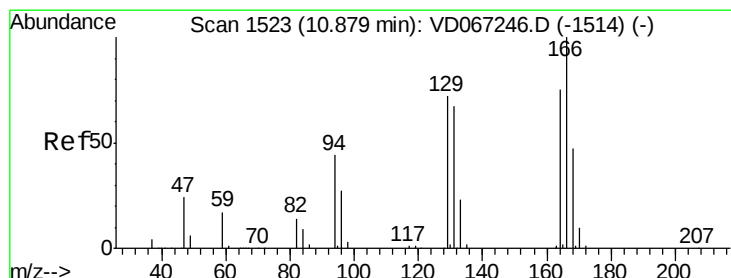
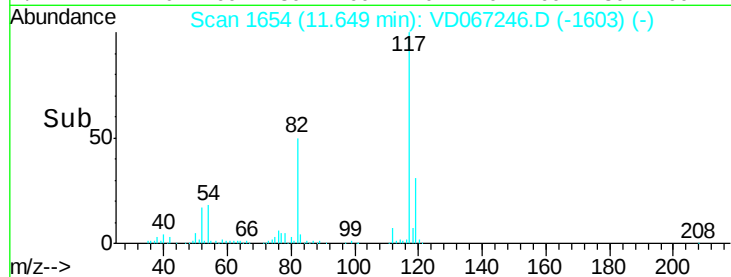
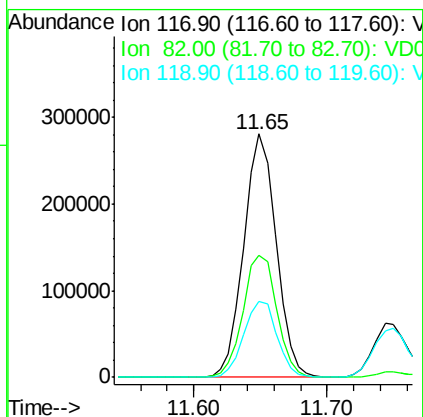
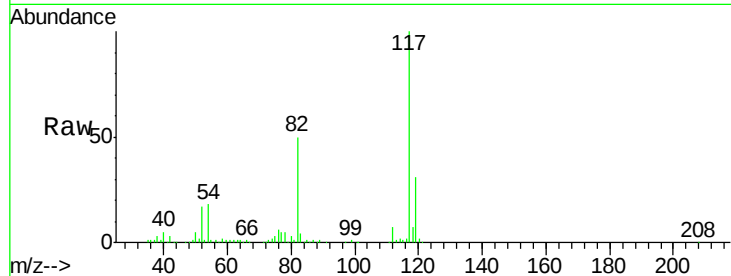
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	471458		
82	49.9		39.9	59.9
119	31.1		24.9	37.3

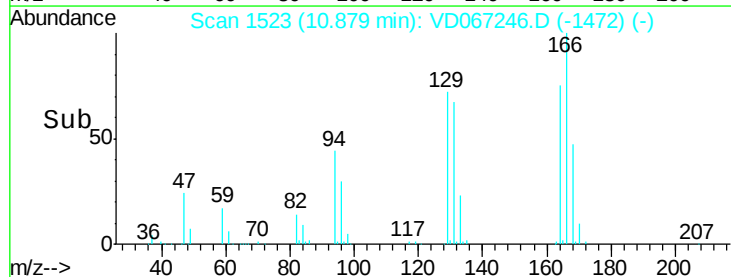
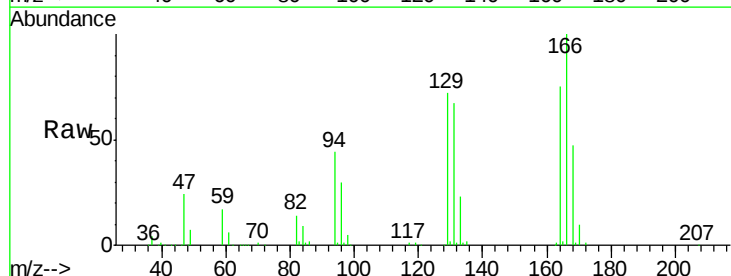
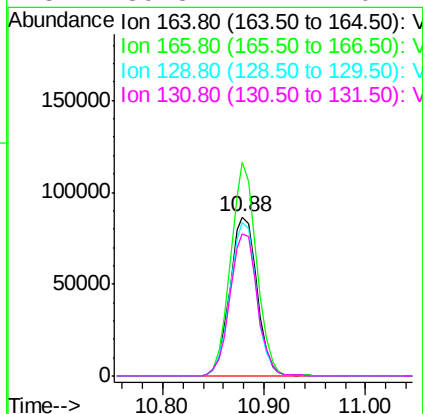
Manual Integrations
APPROVED

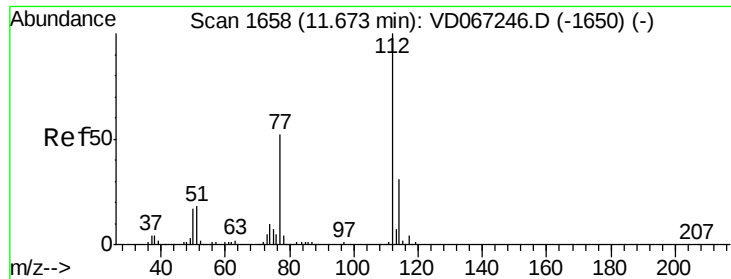
MMDadoda
10/14/2020 2:10:11 PM



#64
Tetrachloroethene
Concen: 44.689 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160557		
166	134.1		107.3	160.9
129	96.6		77.3	115.9
131	89.3		71.4	107.2





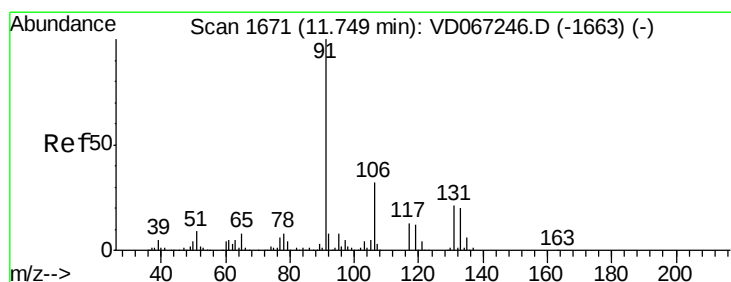
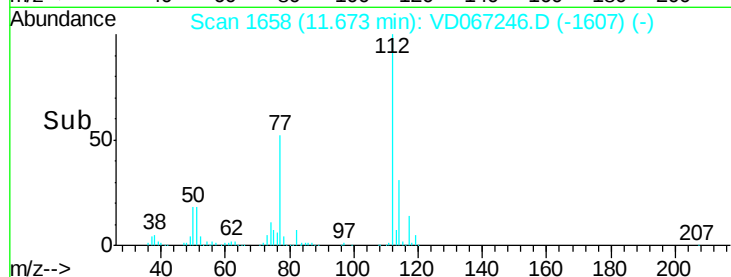
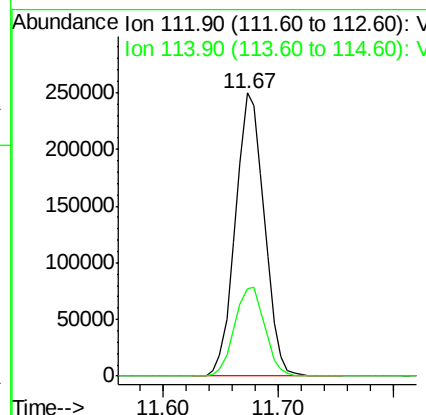
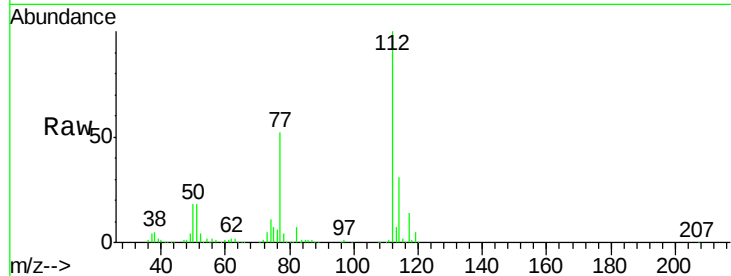
#65
Chlorobenzene
Concen: 46.142 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4

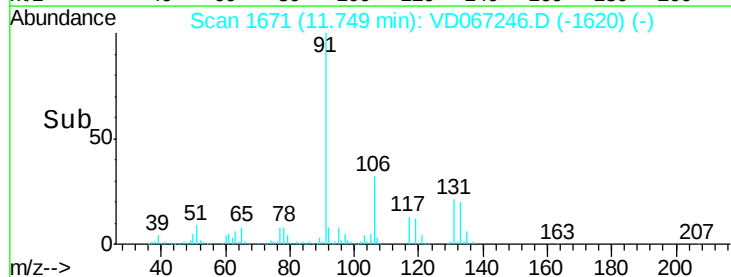
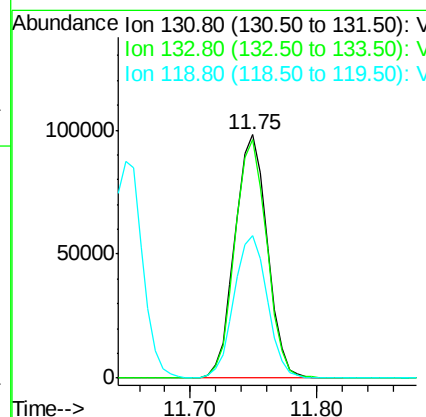
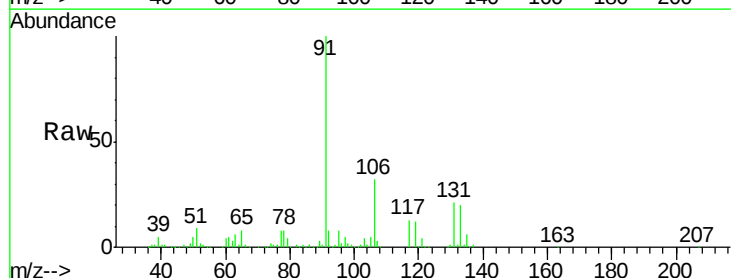
Manual Integrations
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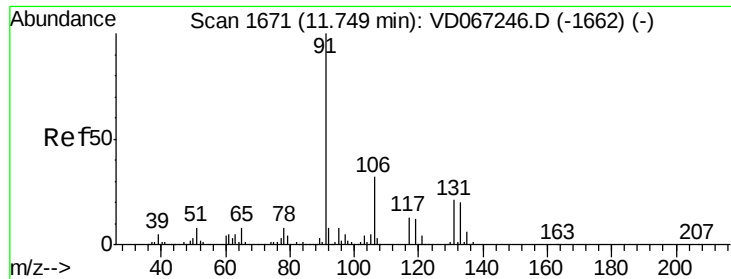
MMDadoda
10/14/2020 2:10:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 46.872 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.3
119	60.0	30.0	90.0





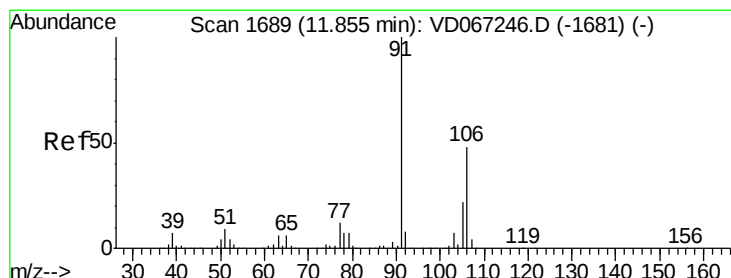
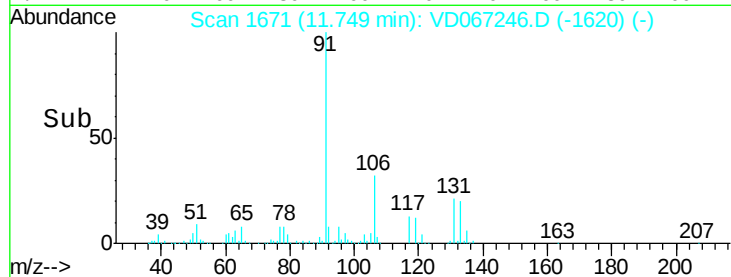
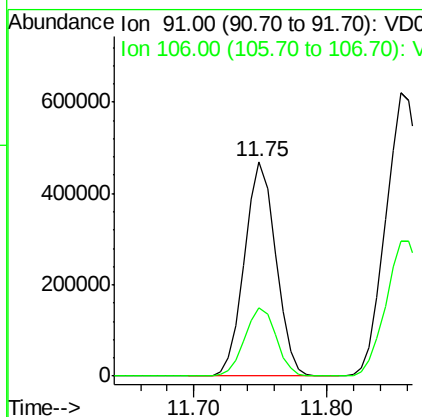
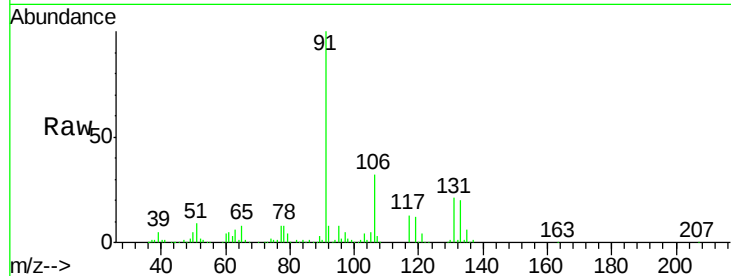
#67
Ethyl Benzene
Concen: 48.537 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 765824
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

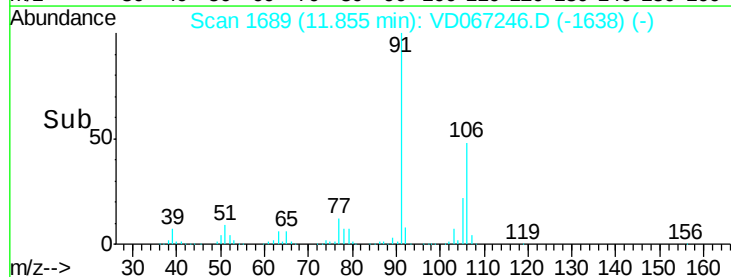
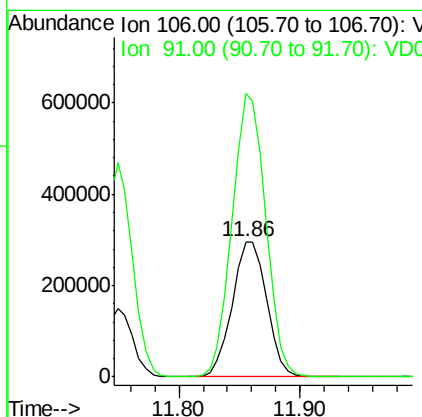
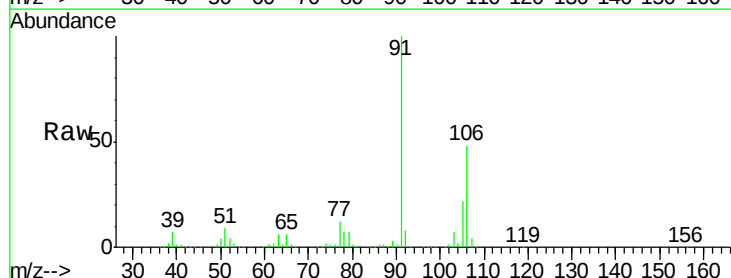
Manual Integrations
APPROVED

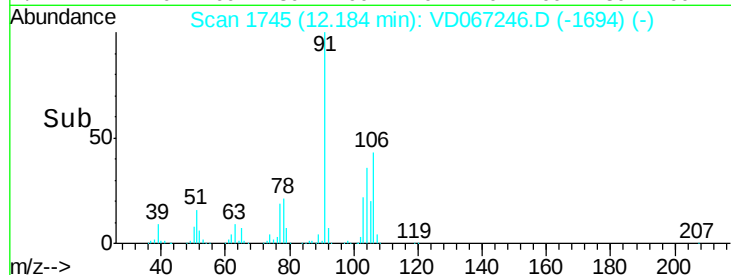
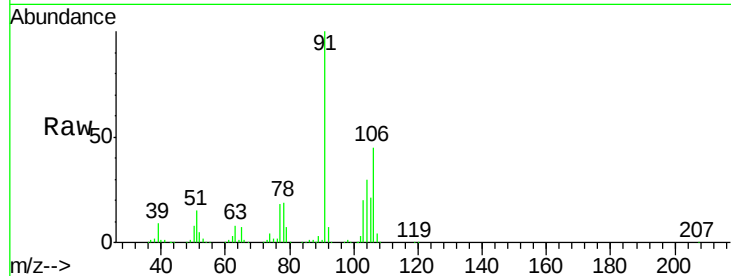
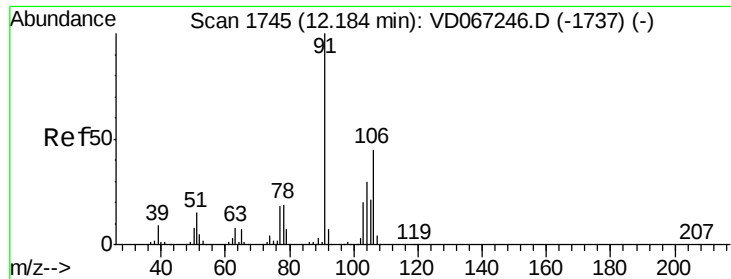
MMDadoda
10/14/2020 2:10:11 PM



#68
m/p-Xylenes
Concen: 95.886 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 106 Resp: 587782
Ion Ratio Lower Upper
106 100
91 204.8 163.8 245.8





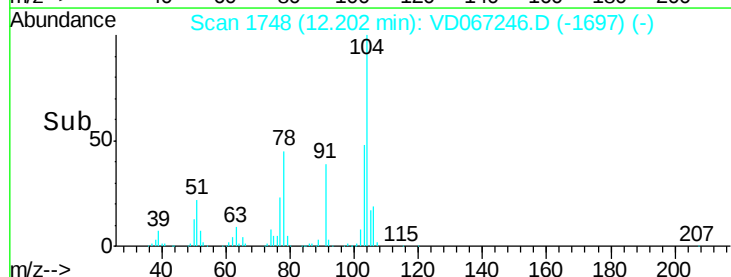
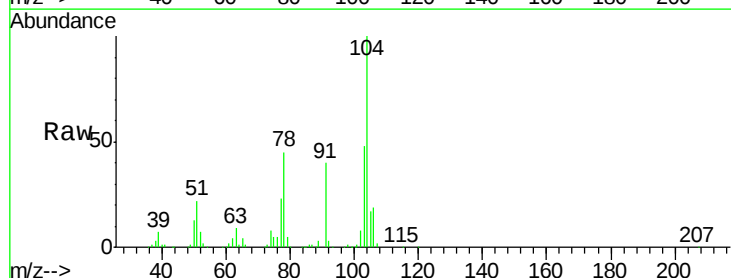
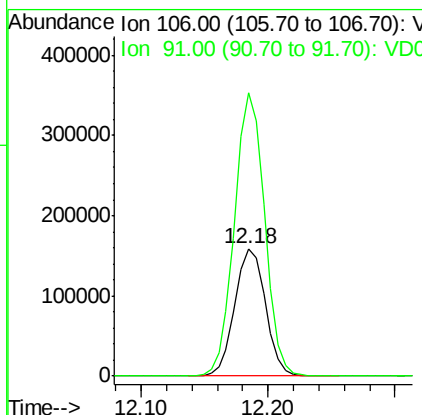
#69
o-Xylene
Concen: 46.960 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tot Ion:106 Resp: 266173
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

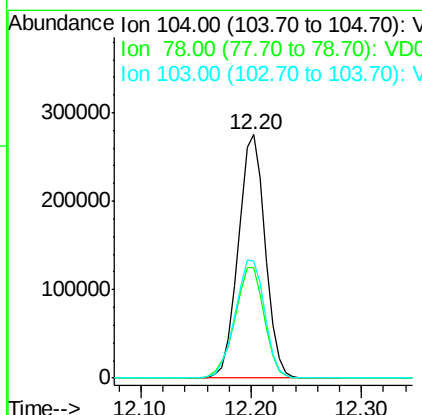
Manual Integrations
APPROVED

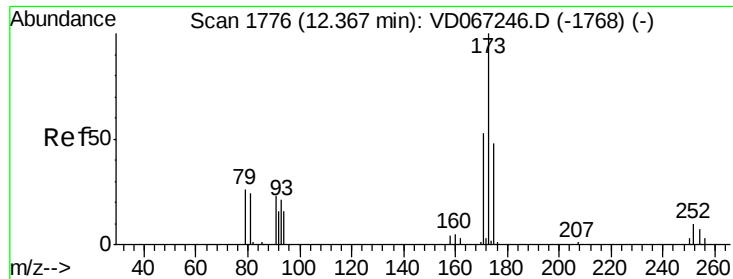
MMDadoda
10/14/2020 2:10:11 PM



#70
Styrene
Concen: 48.399 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion:104 Resp: 471374
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 53.3 42.6 64.0





#71

Bromoform

Concen: 44.731 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 89082

Ion Ratio Lower Upper

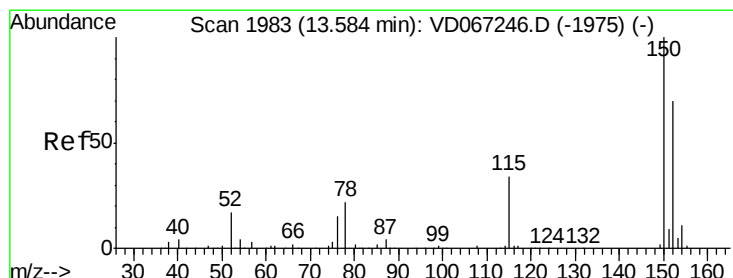
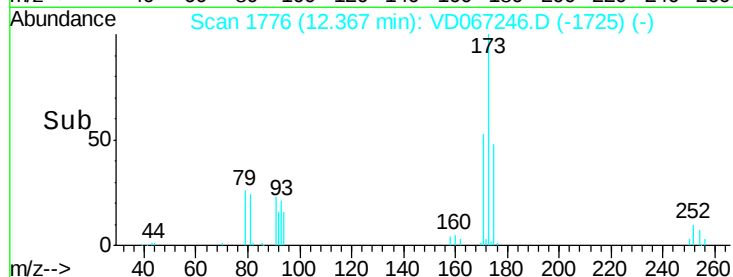
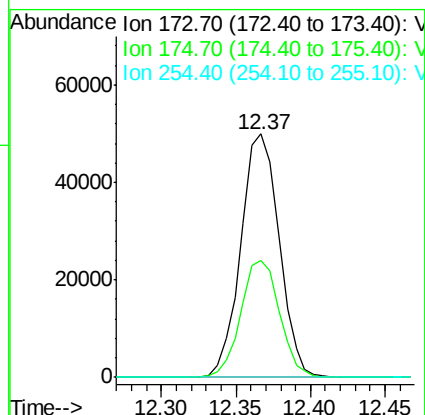
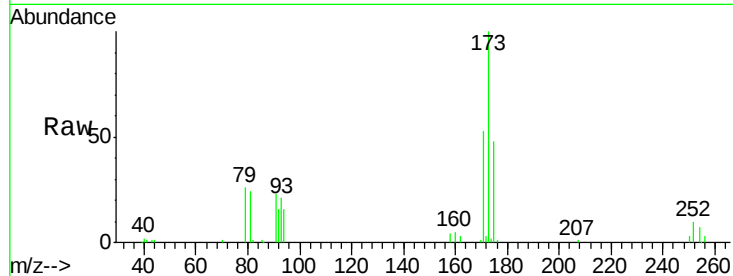
173 100

175 48.4 24.2 72.6

254 0.1 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

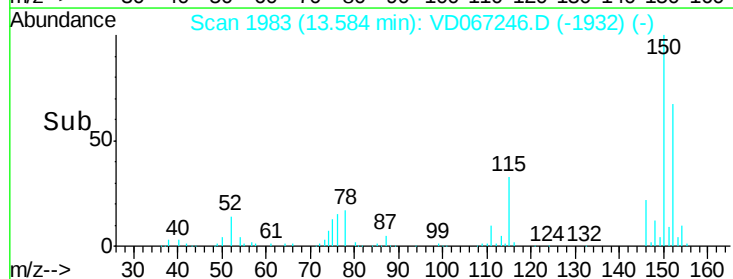
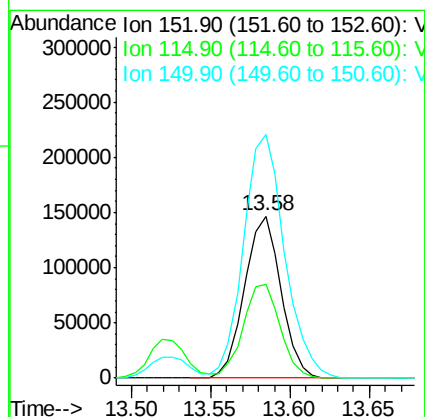
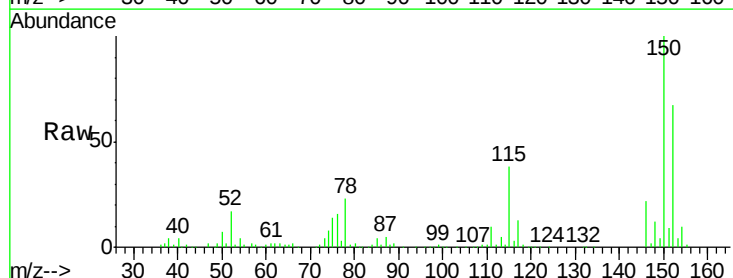
Tgt Ion:152 Resp: 234352

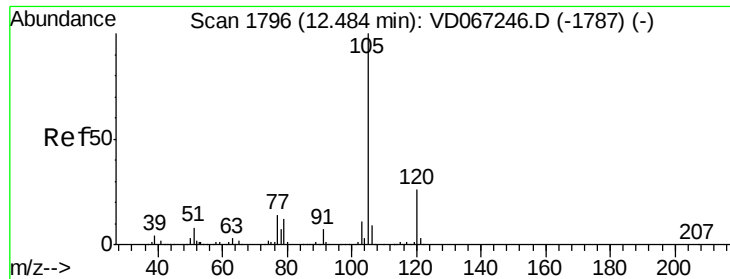
Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.9

150 169.5 0.0 339.0





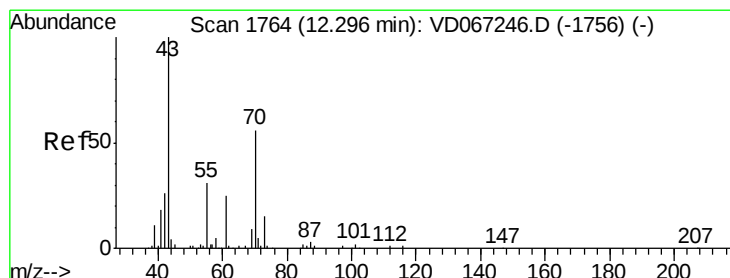
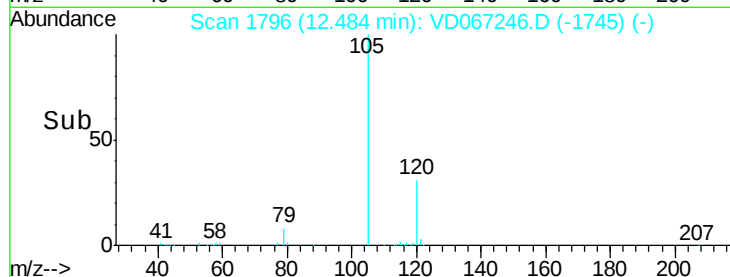
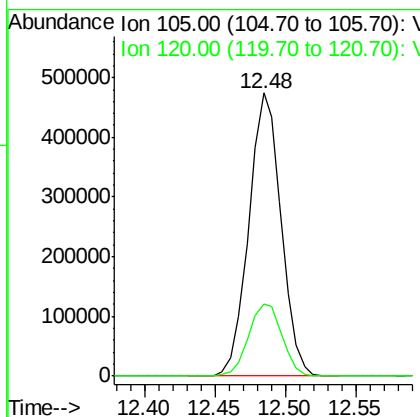
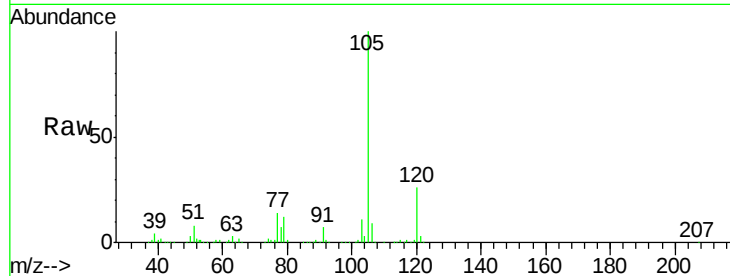
#73
Isopropylbenzene
Concen: 50.798 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

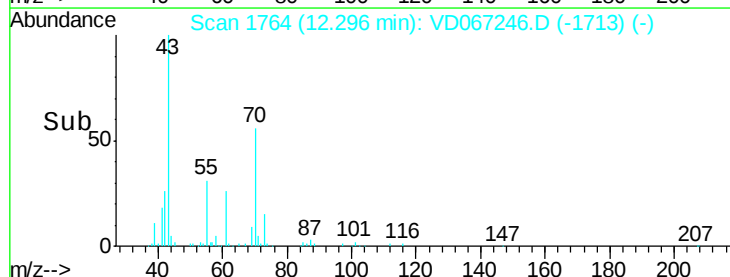
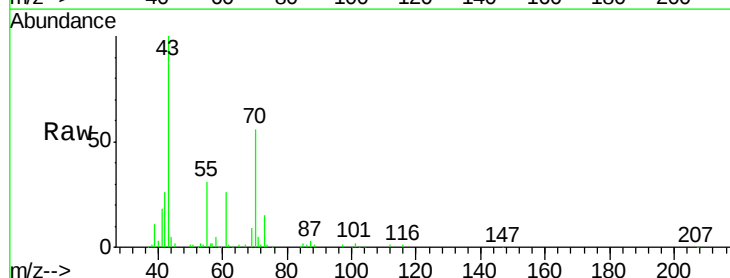
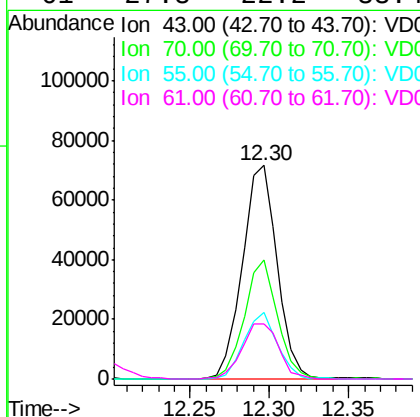
Manual Integrations
APPROVED

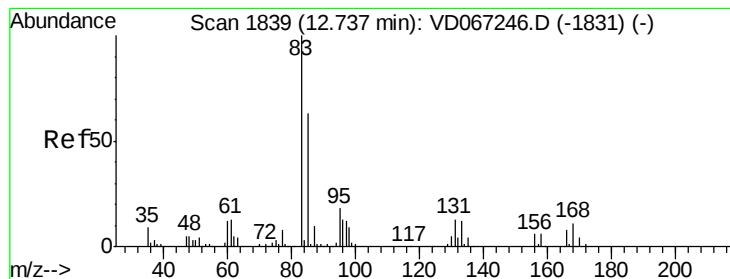
MMDadoda
10/14/2020 2:10:11 PM



#74
N-ethyl acetate
Concen: 48.795 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	53.4	42.7	64.1
55	30.0	24.0	36.0
61	27.8	22.2	33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.720 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 109456
Ion Ratio Lower Upper

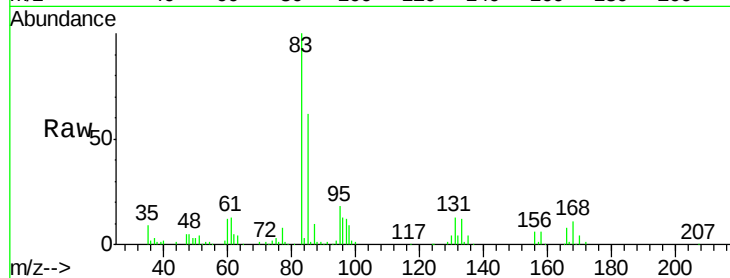
83 100

131 13.0 6.5 19.5

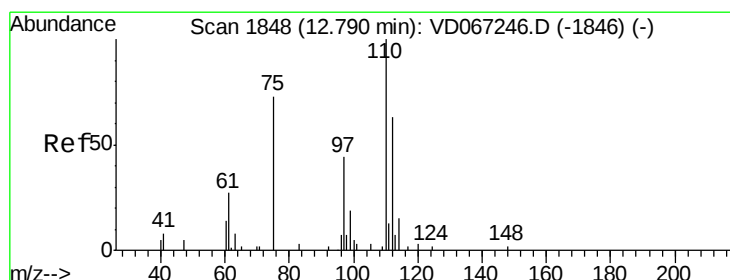
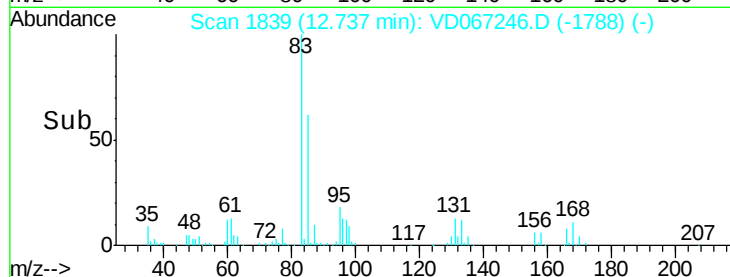
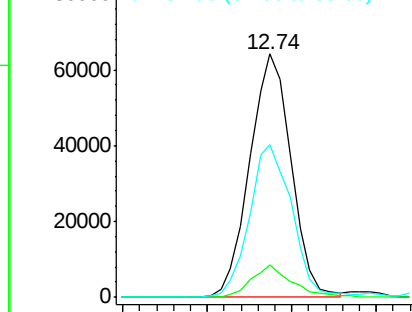
85 65.1 32.6 97.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 42.197 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

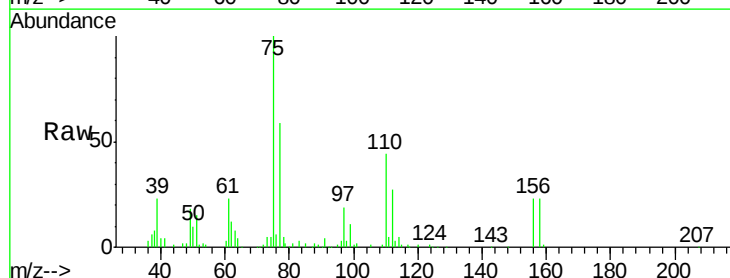
Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

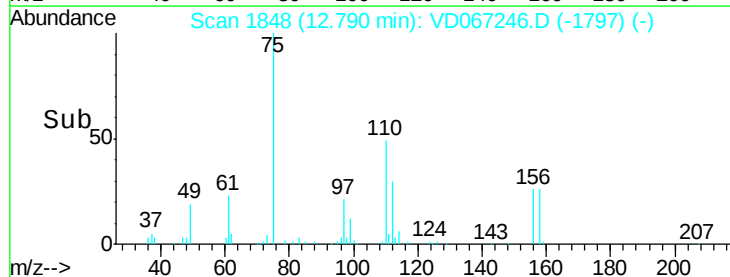
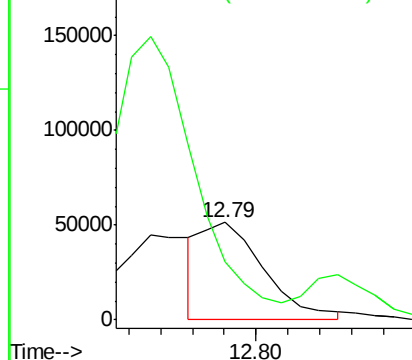
Tgt Ion: 75 Resp: 70724
Ion Ratio Lower Upper

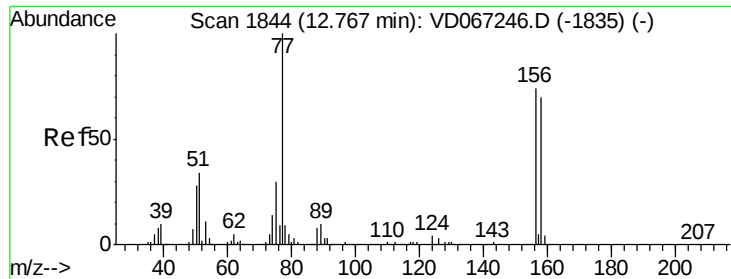
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.803 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

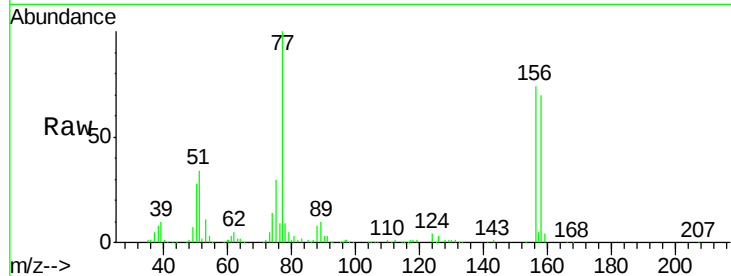
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	182344
Ion	Ratio	Lower	Upper
156	100		
77	155.9	78.0	233.8
158	98.2	49.1	147.3

Manual Integrations
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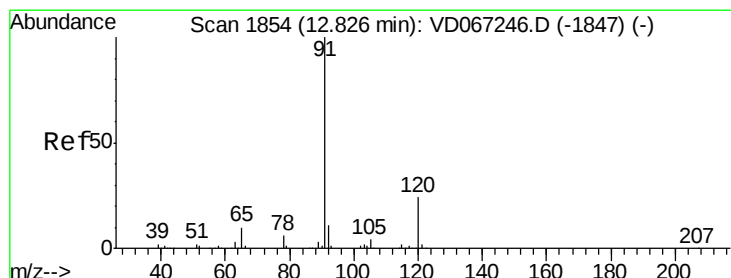
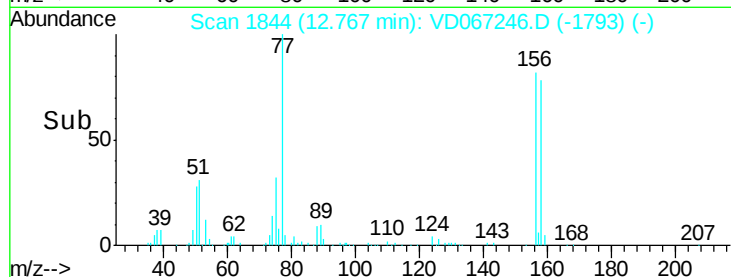
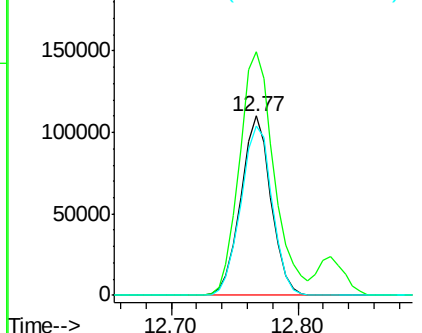
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.131 ug/l

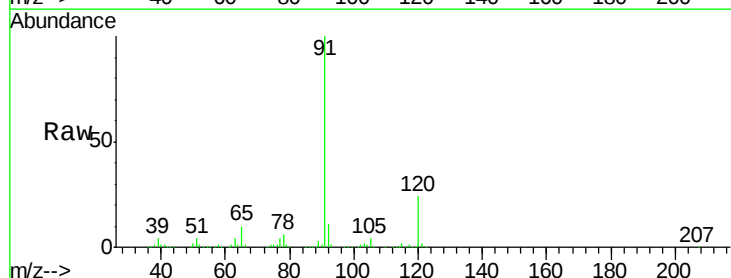
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067246.D

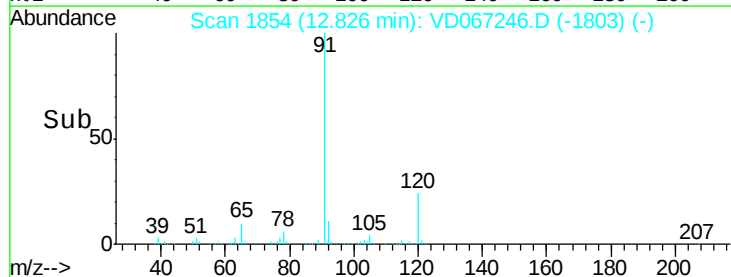
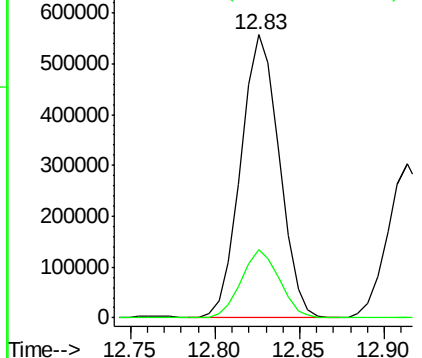
Acq: 13 Oct 2020 11:49

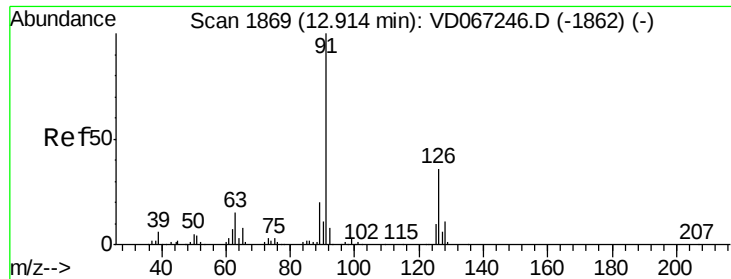
Tgt Ion:	91	Resp:	883549
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





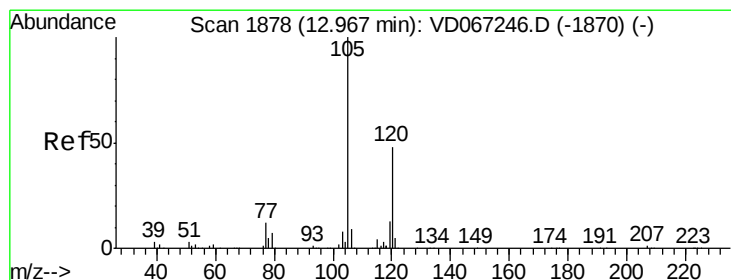
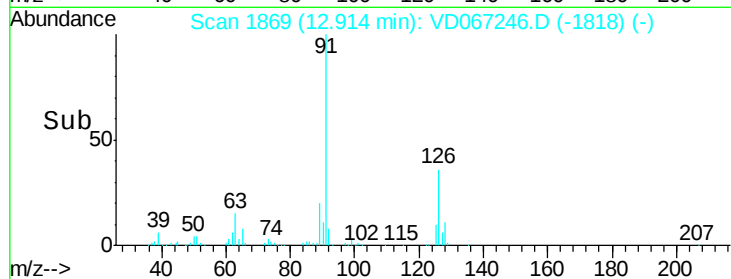
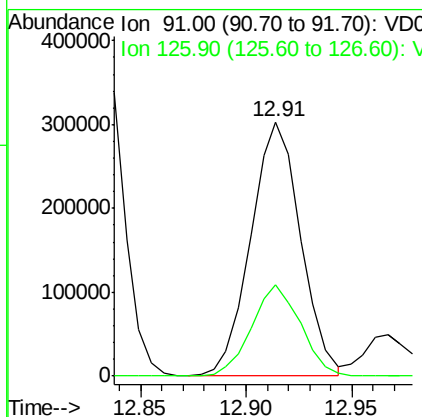
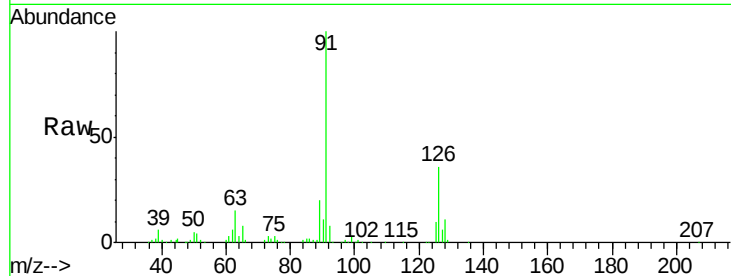
#79
 2-Chlorotoluene
 Concen: 48.288 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 496130
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.6 52.8

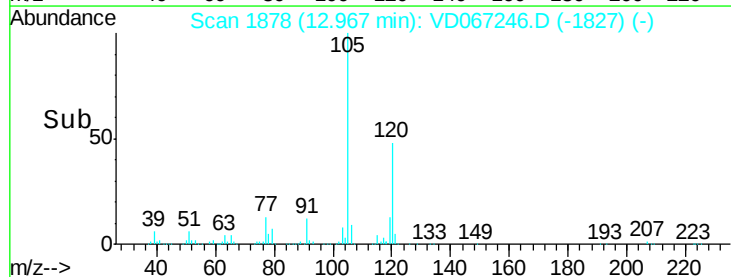
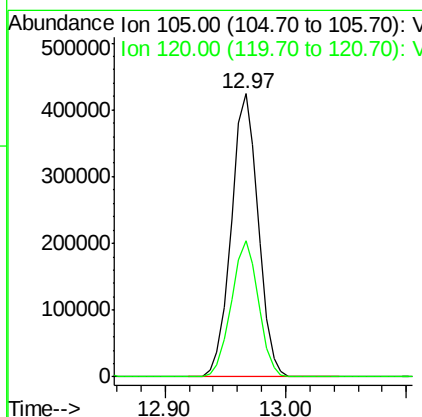
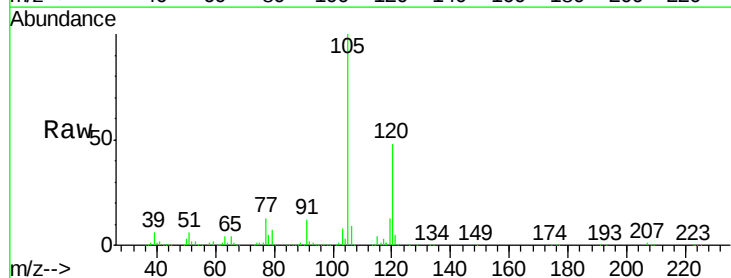
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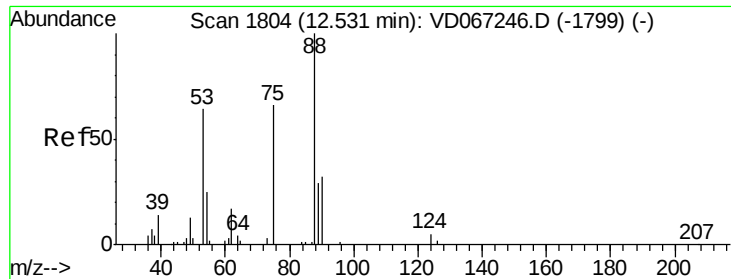
MMDadoda
 10/14/2020 2:10:11 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.993 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 105 Resp: 659241
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





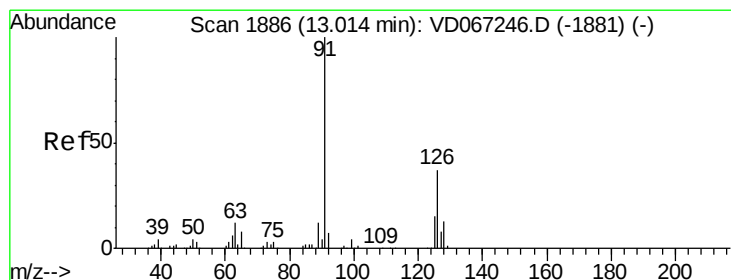
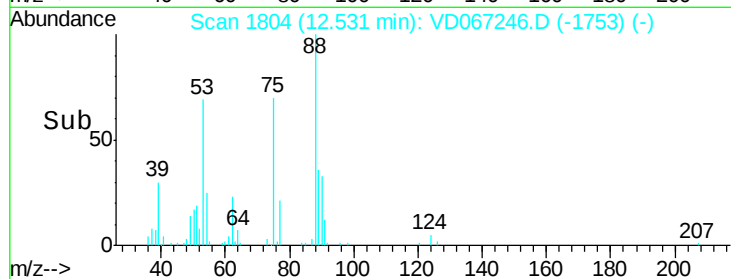
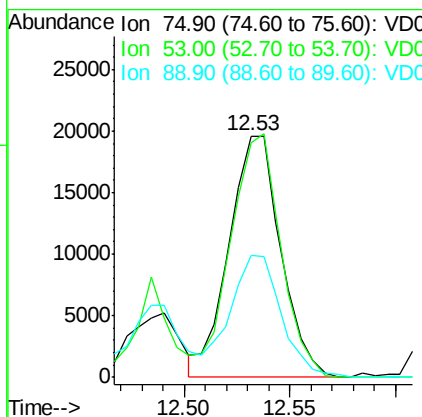
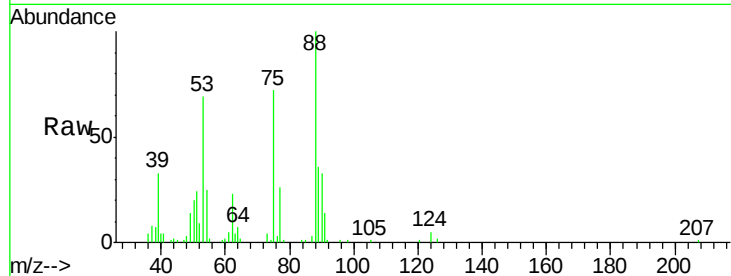
#81
trans-1,4-Dichloro-2-butene
Concen: 46.206 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	78.5	117.7
89	49.9	39.9	59.9

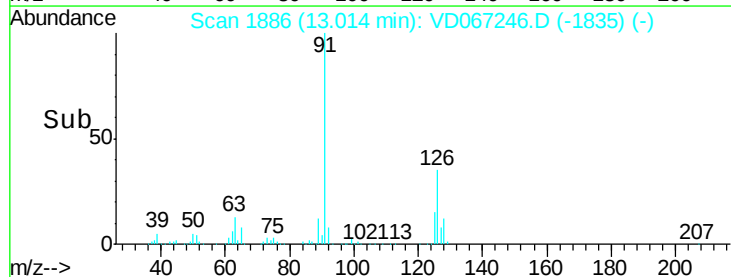
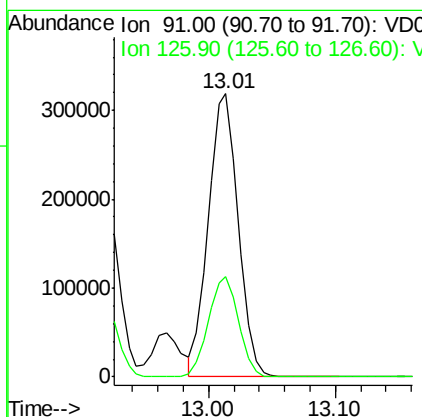
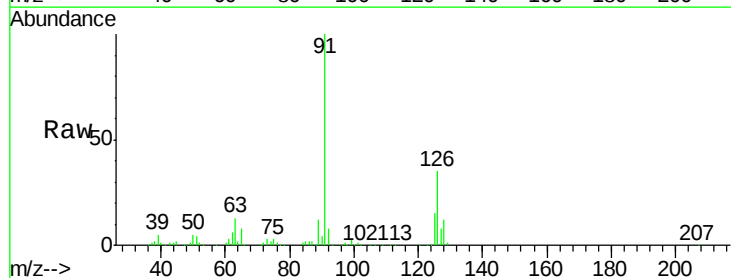
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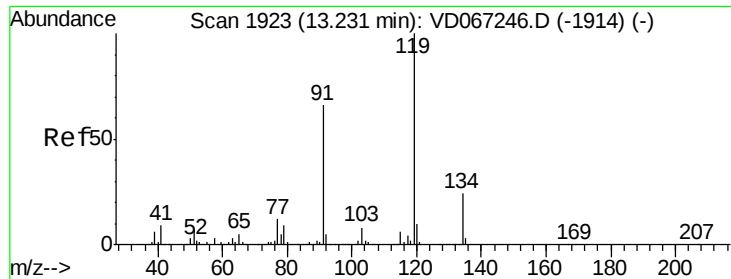
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#82
4-Chlorotoluene
Concen: 47.707 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.8	53.5





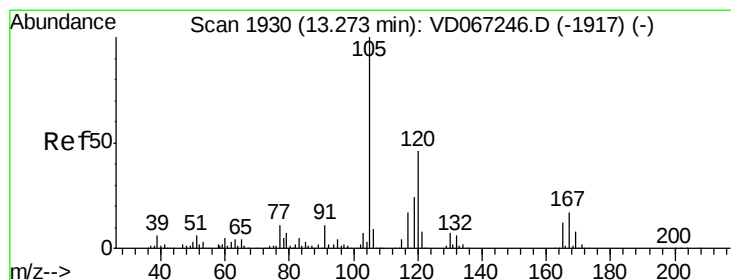
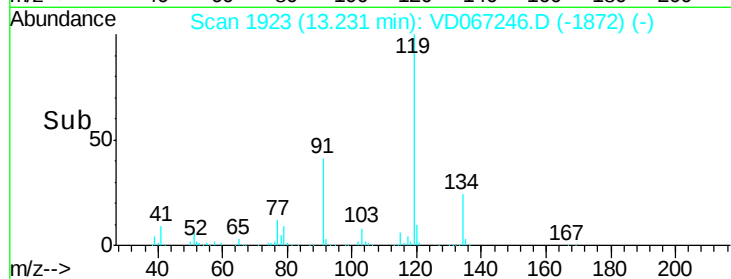
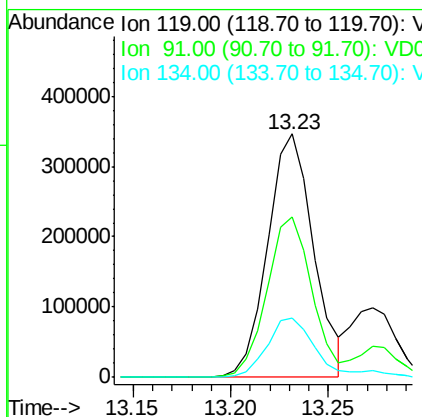
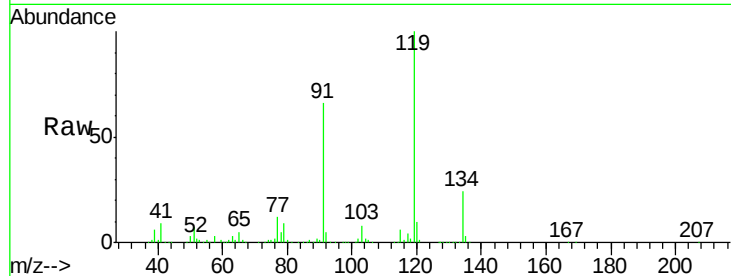
#83
tert-Butylbenzene
Concen: 51.266 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	564405		
91	66.1		33.1	99.2
134	26.6		13.3	39.9

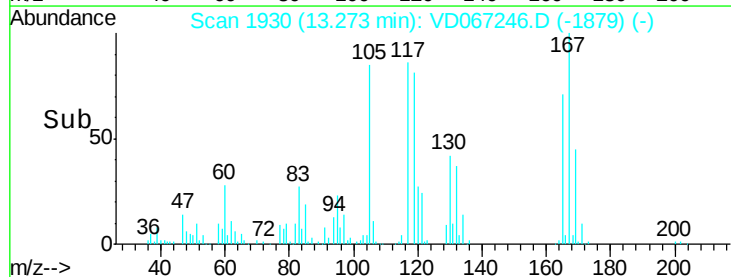
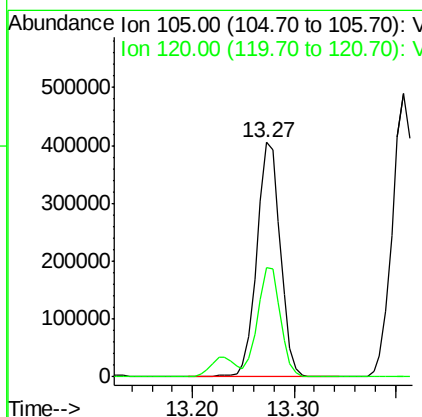
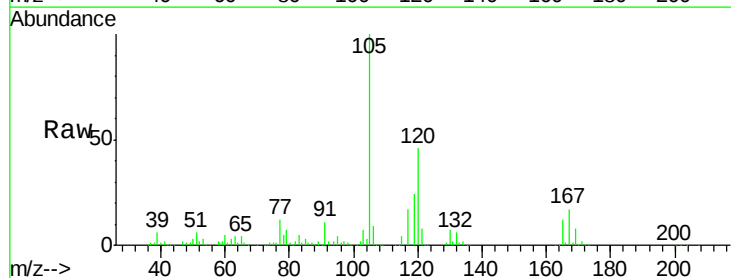
Manual Integrations
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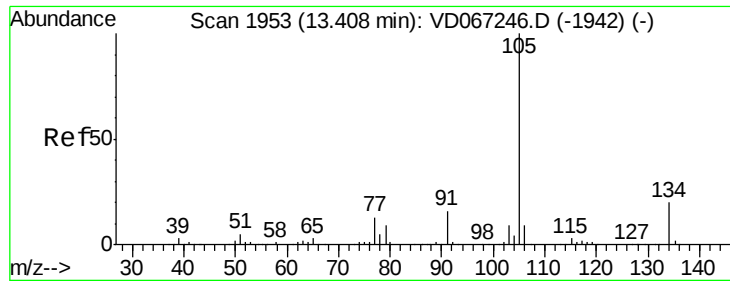
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.677 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	657565		
120	44.9		22.4	67.3





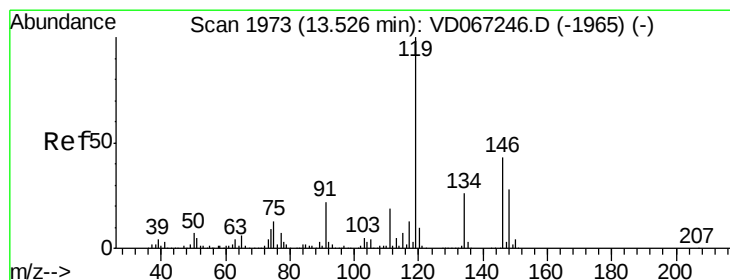
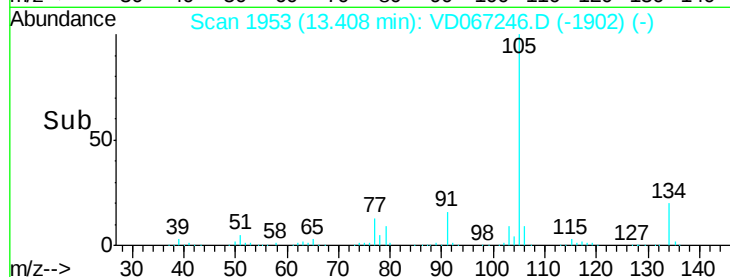
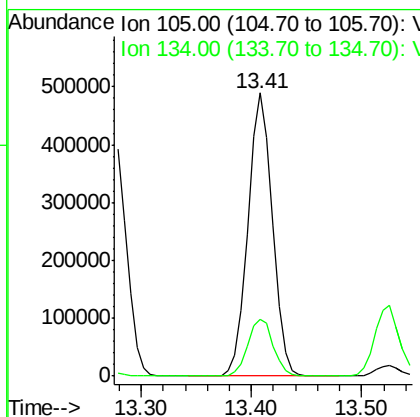
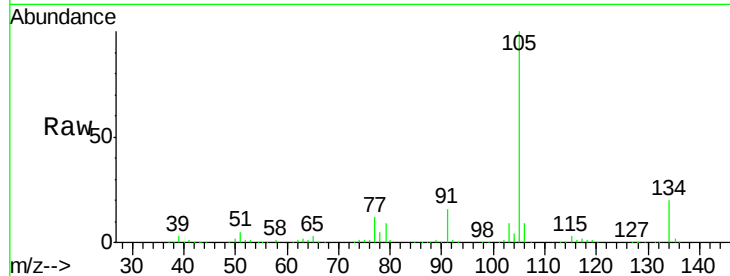
#85
 sec-Butylbenzene
 Concen: 49.810 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 760491
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

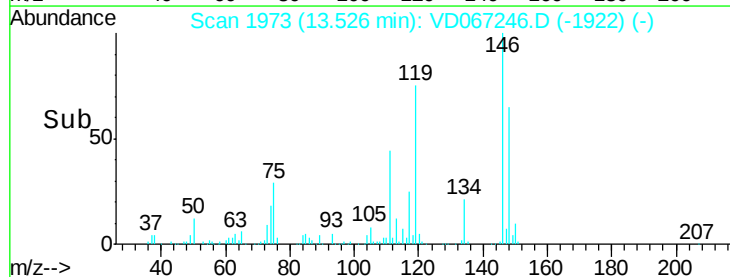
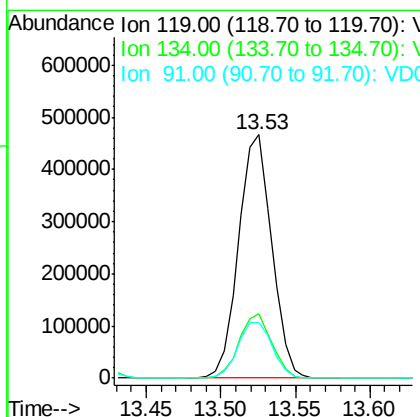
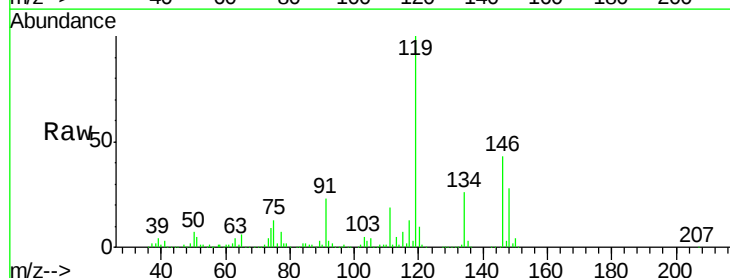
Manual Integrations
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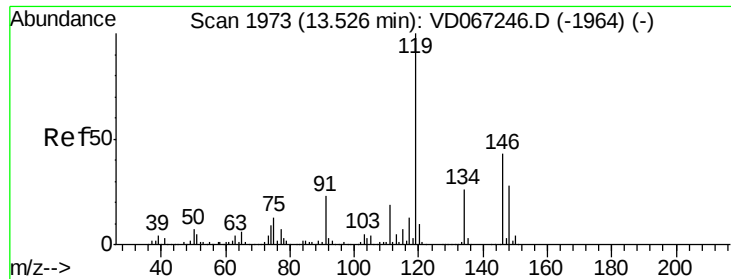
MMDadoda
 10/14/2020 2:10:11 PM



#86
 p-Isopropyltoluene
 Concen: 49.710 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion:119 Resp: 717330
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 11.9 35.9





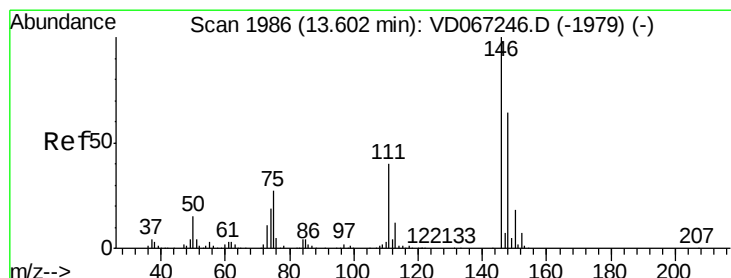
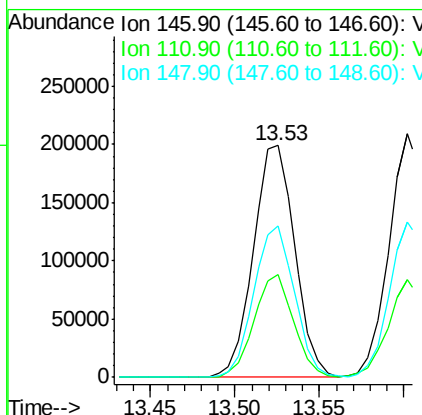
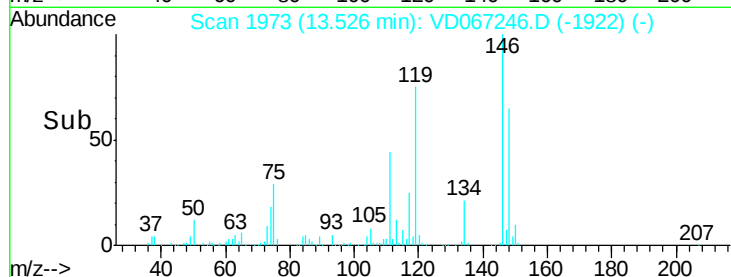
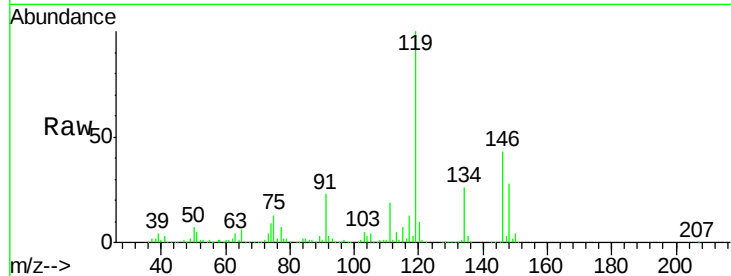
#87
 1,3-Dichlorobenzene
 Concen: 45.481 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	63.9	31.9	95.9

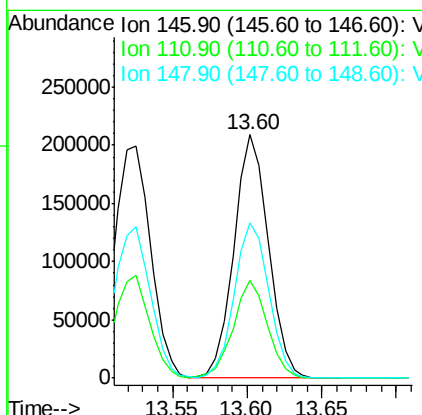
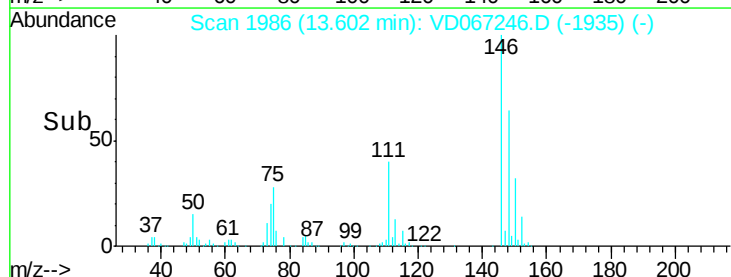
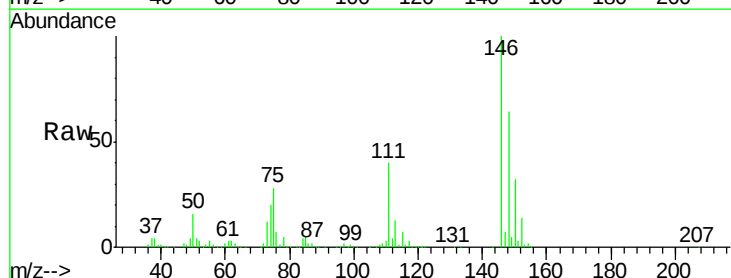
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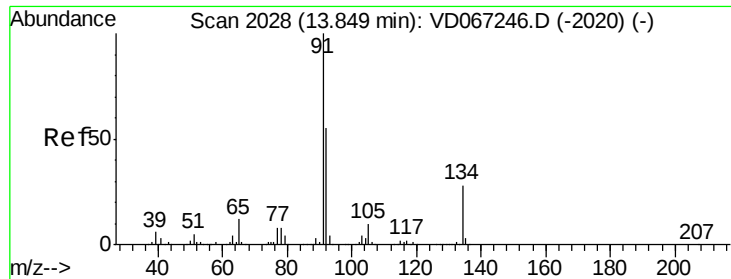
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#88
 1,4-Dichlorobenzene
 Concen: 45.971 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.9	31.9	95.9





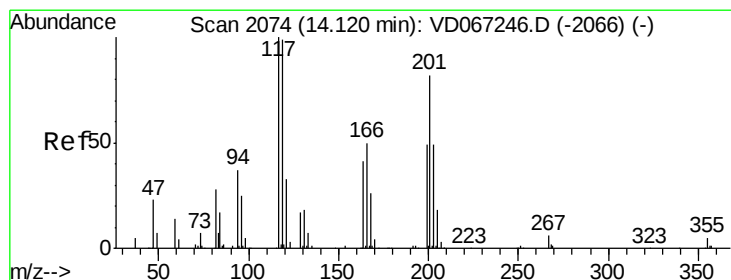
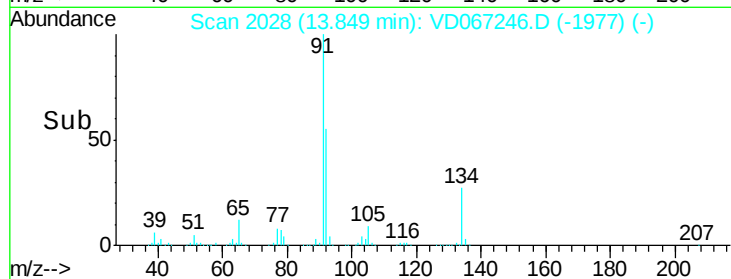
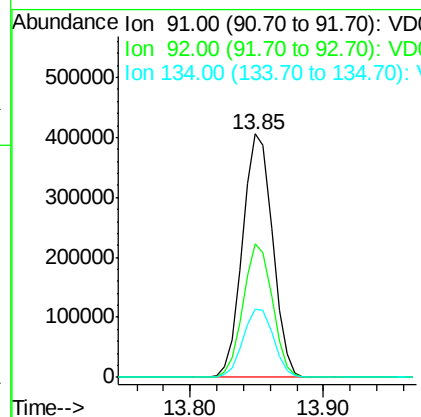
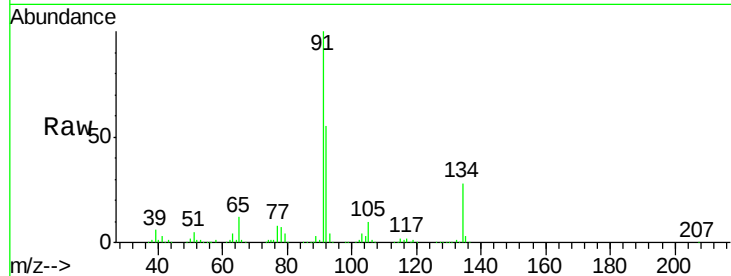
#89
n-Butylbenzene
Concen: 50.133 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	28.4	14.2	42.6

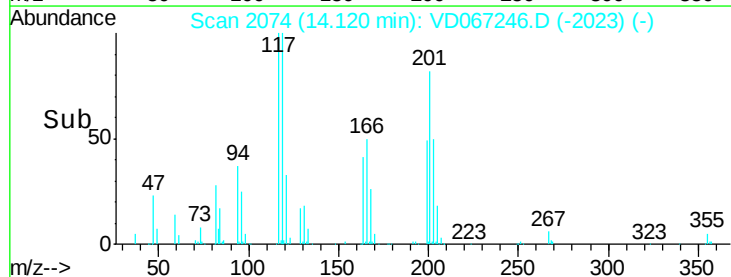
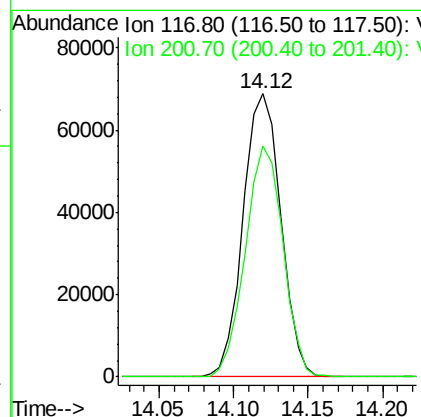
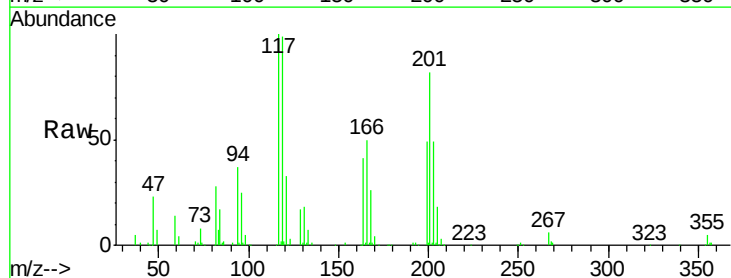
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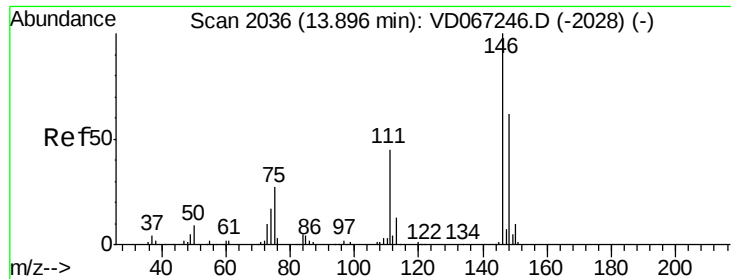
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#90
Hexachloroethane
Concen: 48.135 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	40.8	122.2





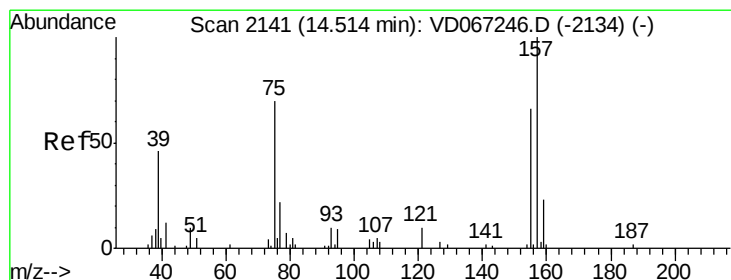
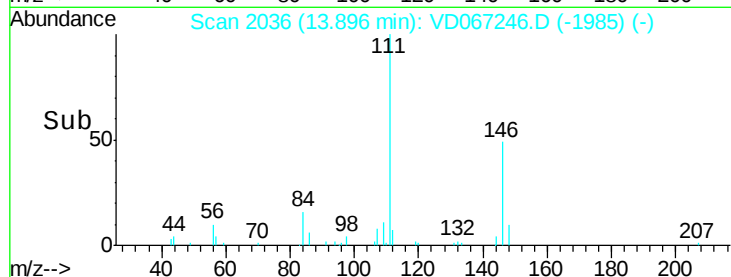
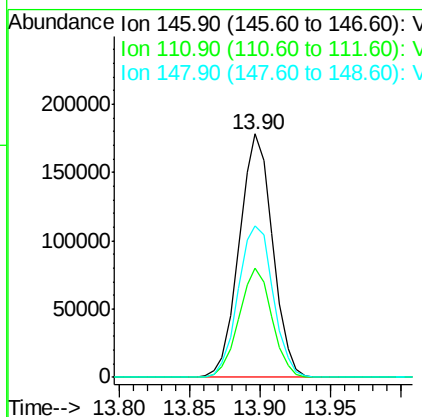
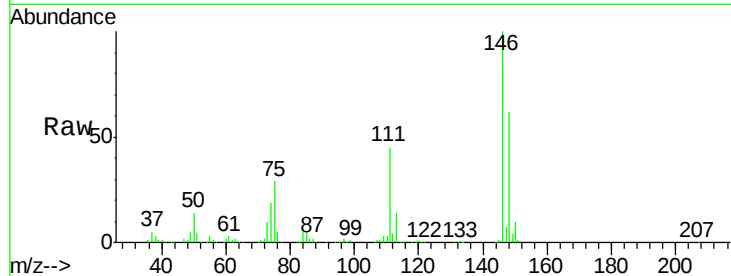
#91
1,2-Dichlorobenzene
Concen: 45.671 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	295086		
111	44.0	22.0	66.0	
148	65.0	32.5	97.5	

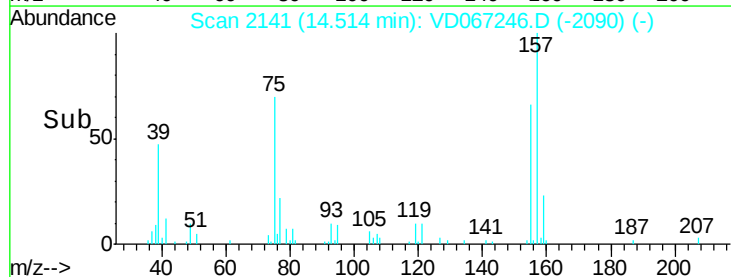
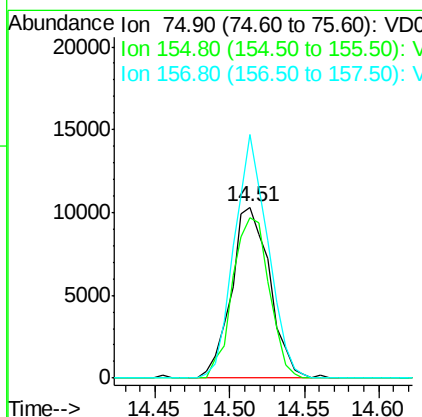
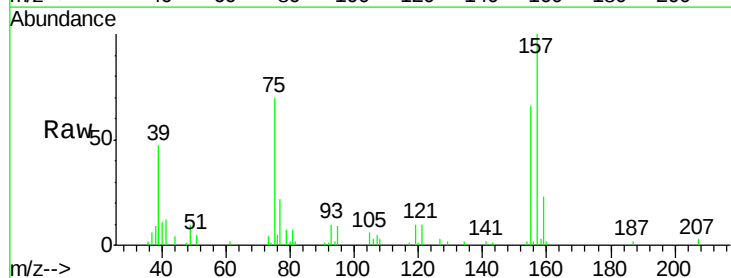
Manual Integrations
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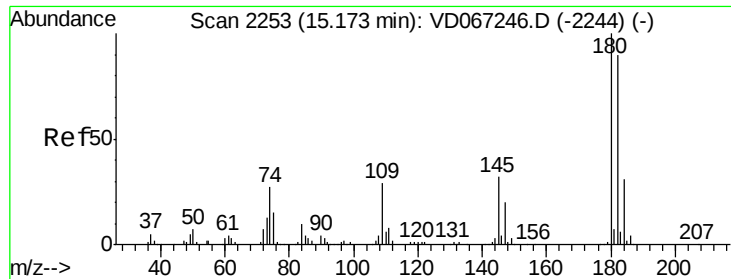
MMDadoda
10/14/2020 2:10:11 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.771 ug/l
RT: 14.51 min Scan# 2141
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18471		
155	89.6	44.8	134.4	
157	124.9	62.5	187.4	





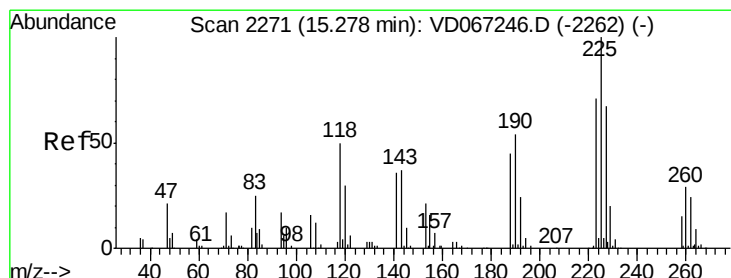
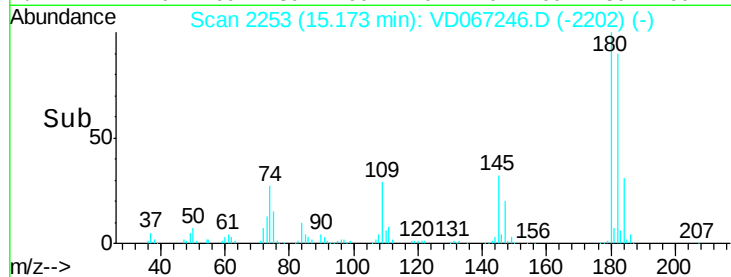
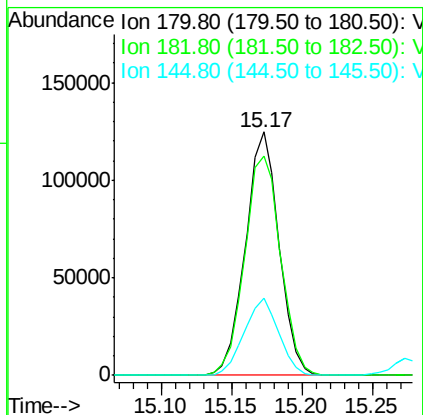
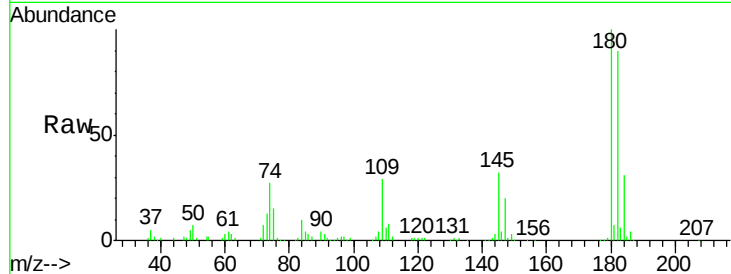
#93
 1,2,4-Trichlorobenzene
 Concen: 49.545 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	208287		
182	96.3	48.1	144.4	
145	32.6	16.3	48.9	

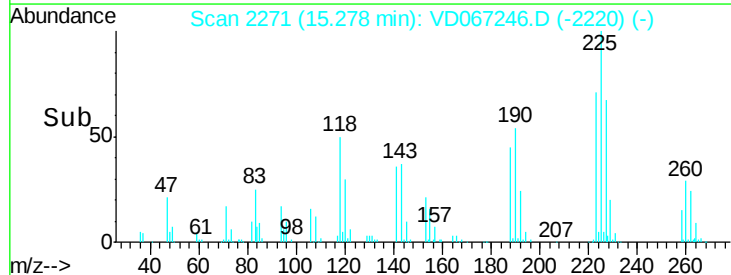
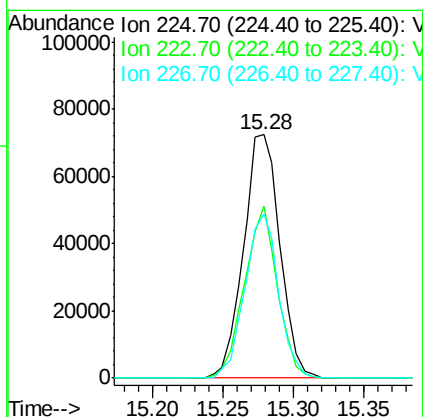
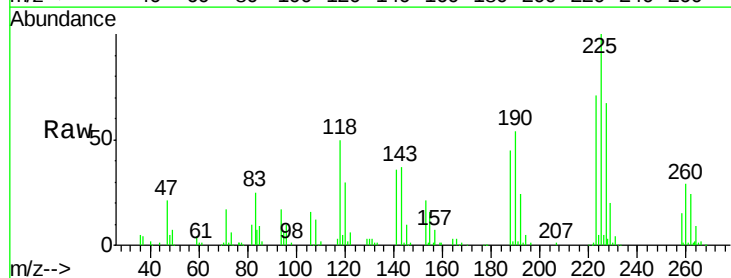
Manual Integrations
 APPROVED

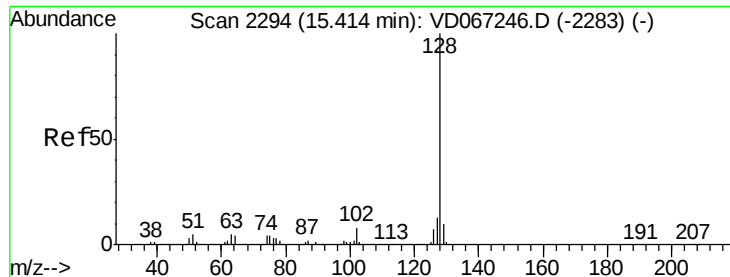
MMDadoda
 10/14/2020 2:10:11 PM



#94
 Hexachlorobutadiene
 Concen: 49.693 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131125		
223	63.8	31.9	95.7	
227	62.4	31.2	93.6	





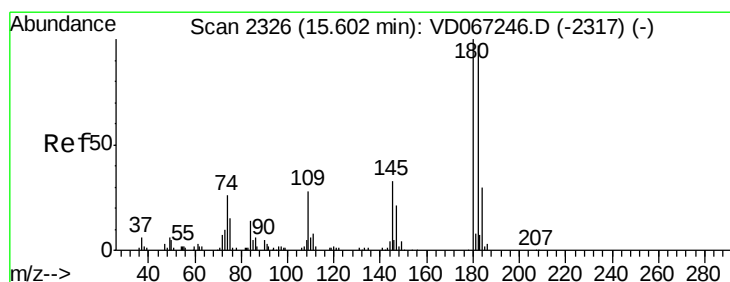
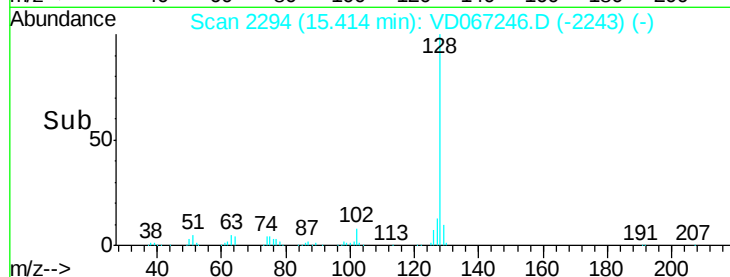
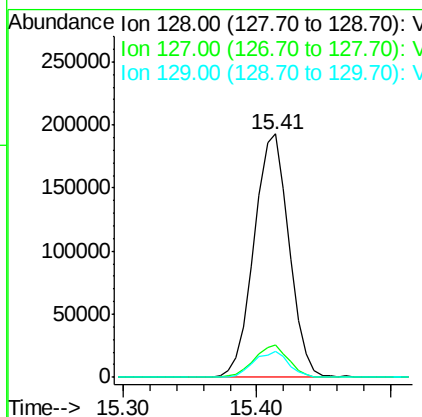
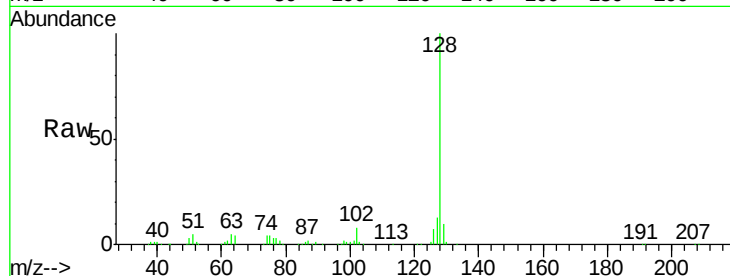
#95
Naphthalene
Concen: 52.928 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:10:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.561 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	34.6	17.3	51.9

