

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067892.D
 Acq On : 07 Dec 2020 11:41
 Operator : VA/SY
 Sample : VD1207SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:43 PM

Quant Time: Dec 08 03:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	192501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	277213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	261469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108946	52.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.44%
35) Dibromofluoromethane	7.92	113	97272	52.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.88%
50) Toluene-d8	10.34	98	352047	52.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.44%
62) 4-Bromofluorobenzene	12.64	95	126577	54.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	35069	20.933	ug/l	98
3) Chloromethane	2.21	50	20482	21.185	ug/l	95
4) Vinyl Chloride	2.35	62	25097	20.611	ug/l	97
5) Bromomethane	2.76	94	25944	23.867	ug/l	82
6) Chloroethane	2.92	64	18132	22.871	ug/l	95
7) Trichlorofluoromethane	3.27	101	81784	21.949	ug/l	99
8) Diethyl Ether	3.71	74	15185	20.909	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	37124	21.850	ug/l	99
10) Methyl Iodide	4.30	142	34714	19.276	ug/l	99
11) Tert butyl alcohol	5.22	59	13651	92.269	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	33546	21.030	ug/l	97
13) Acrolein	3.92	56	5795	72.970	ug/l	92
14) Allyl chloride	4.72	41	30478	20.654	ug/l	91
15) Acrylonitrile	5.43	53	24788	98.437	ug/l	96
16) Acetone	4.16	43	24185	94.707	ug/l #	87
17) Carbon Disulfide	4.41	76	90030	20.215	ug/l	95
18) Methyl Acetate	4.72	43	10101	20.650	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	72150	21.123	ug/l	93
20) Methylene Chloride	4.97	84	40373	22.116	ug/l	88
21) trans-1,2-Dichloroethene	5.48	96	39592	21.812	ug/l	92
22) Diisopropyl ether	6.36	45	62082	20.917	ug/l #	85
23) Vinyl Acetate	6.31	43	172559	104.509	ug/l	99
24) 1,1-Dichloroethane	6.27	63	55246	21.234	ug/l	95
25) 2-Butanone	7.21	43	26055	97.005	ug/l	98
26) 2,2-Dichloropropane	7.21	77	69563	22.422	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	41283	20.793	ug/l	95
28) Bromochloromethane	7.54	49	15174	18.369	ug/l	98
29) Tetrahydrofuran	7.56	42	14630	95.662	ug/l	98
30) Chloroform	7.71	83	78417	22.554	ug/l	95
31) Cyclohexane	7.98	56	44957	20.648	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	81404	22.179	ug/l	97
36) 1,1-Dichloropropene	8.11	75	52943	22.061	ug/l	99
37) Ethyl Acetate	7.30	43	11791	18.230	ug/l #	81
38) Carbon Tetrachloride	8.10	117	82019	22.589	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	60597	21.308	ug/l	93
40) Benzene	8.35	78	143200	21.807	ug/l	94
41) Methacrylonitrile	7.53	41	7648m	22.432	ug/l	
42) 1,2-Dichloroethane	8.43	62	51271	21.907	ug/l	100
43) Isopropyl Acetate	8.46	43	24908	19.572	ug/l	96
44) Trichloroethene	9.11	130	49397	21.880	ug/l	91
45) 1,2-Dichloropropane	9.38	63	27195	20.178	ug/l	99
46) Dibromomethane	9.48	93	19640	20.959	ug/l	98
47) Bromodichloromethane	9.67	83	56851	21.281	ug/l	96
48) Methyl methacrylate	9.46	41	14333	22.180	ug/l	88
49) 1,4-Dioxane	9.46	88	4112	384.036	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	57938	96.192	ug/l	100
52) Toluene	10.41	92	100574	21.907	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	48468	21.021	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	54529	21.742	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	25660	20.010	ug/l	98
56) Ethyl methacrylate	10.67	69	25027	19.182	ug/l	97
57) 1,3-Dichloropropane	10.95	76	41653	20.505	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	51192	86.224	ug/l	97
59) 2-Hexanone	10.99	43	40059	94.345	ug/l	99
60) Dibromochloromethane	11.14	129	41957	21.705	ug/l	95
61) 1,2-Dibromoethane	11.25	107	25306	20.067	ug/l	99
64) Tetrachloroethene	10.88	164	45127	21.159	ug/l	93
65) Chlorobenzene	11.67	112	111668	20.698	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	46978	21.349	ug/l	97
67) Ethyl Benzene	11.75	91	199192	21.674	ug/l	97
68) m/p-Xylenes	11.86	106	156596	43.212	ug/l	100
69) o-Xylene	12.18	106	74593	23.186	ug/l	95
70) Styrene	12.20	104	123075	22.000	ug/l	100
71) Bromoform	12.37	173	24289	20.853	ug/l #	100
73) Isopropylbenzene	12.48	105	198908	21.481	ug/l	100
74) N-amyl acetate	12.29	43	22408	19.563	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	24042	19.666	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23140m	23.599	ug/l	
77) Bromobenzene	12.76	156	50252	21.829	ug/l	99
78) n-propylbenzene	12.83	91	232628	22.666	ug/l	99
79) 2-Chlorotoluene	12.91	91	132141	21.886	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	181282	22.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	7959	19.416	ug/l	99
82) 4-Chlorotoluene	13.01	91	141437	21.960	ug/l	98
83) tert-Butylbenzene	13.23	119	156258	22.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	178716	22.417	ug/l	99
85) sec-Butylbenzene	13.40	105	199076	21.863	ug/l	100
86) p-Isopropyltoluene	13.52	119	198795	22.276	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	96197	21.663	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	96128	21.638	ug/l	99
89) n-Butylbenzene	13.84	91	162630	21.935	ug/l	99
90) Hexachloroethane	14.11	117	35660	21.643	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	80122	20.803	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4972	19.487	ug/l	91

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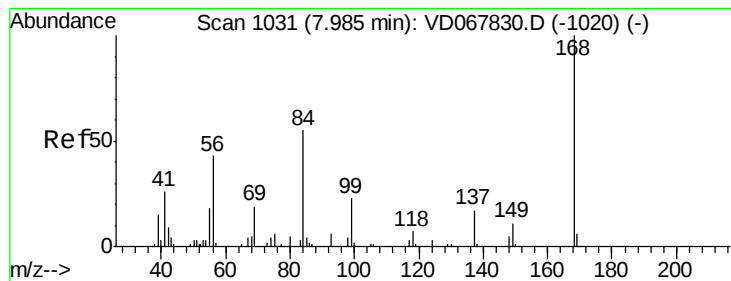
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	59903	22.235	ug/l	99
94) Hexachlorobutadiene	15.27	225	39366	22.393	ug/l	97
95) Naphthalene	15.40	128	91855	20.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	51727	22.233	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion:168 Resp: 192501

Ion Ratio Lower Upper

168 100

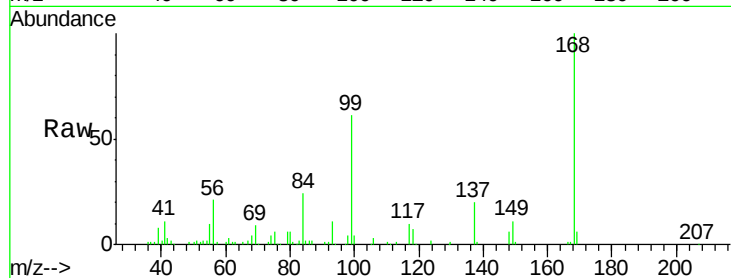
99 60.8 47.1 70.7

Manual Integrations

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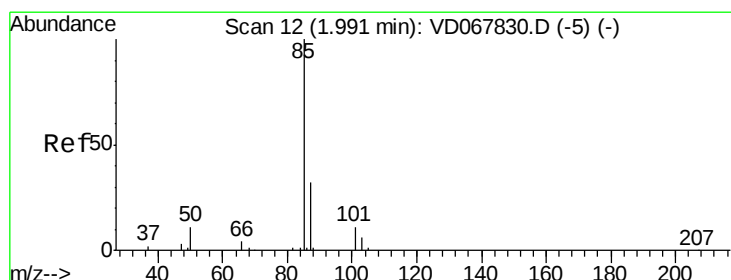
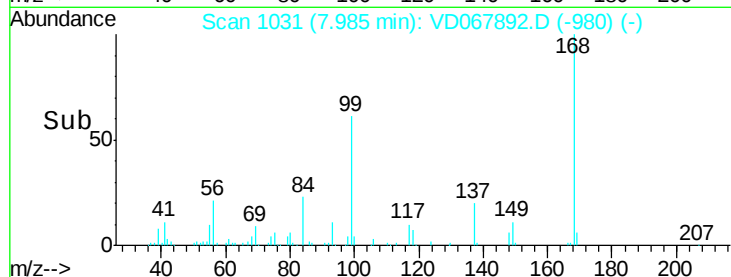
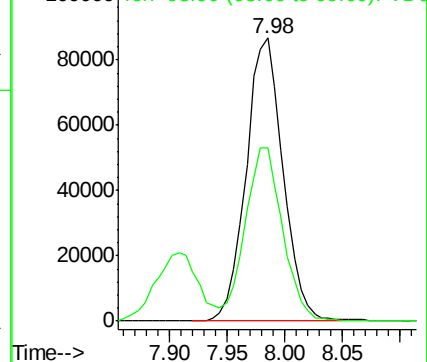
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.933 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067892.D

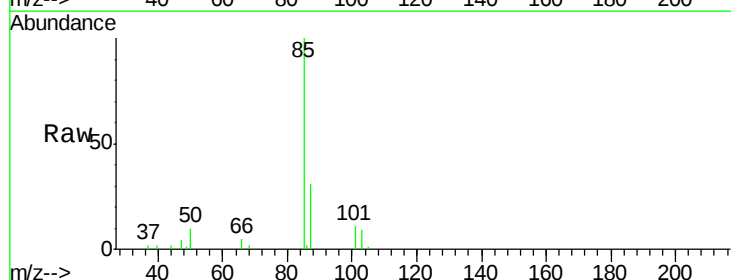
Acq: 07 Dec 2020 11:41

Tgt Ion: 85 Resp: 35069

Ion Ratio Lower Upper

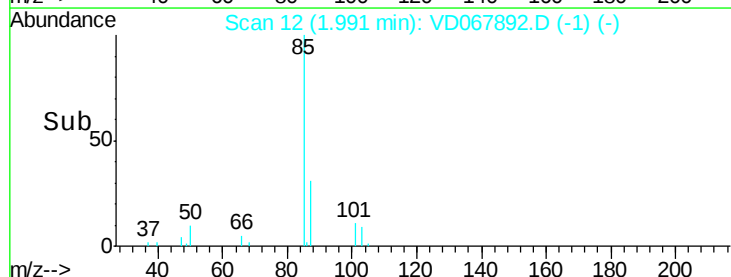
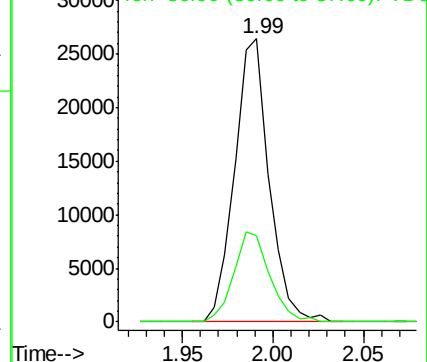
85 100

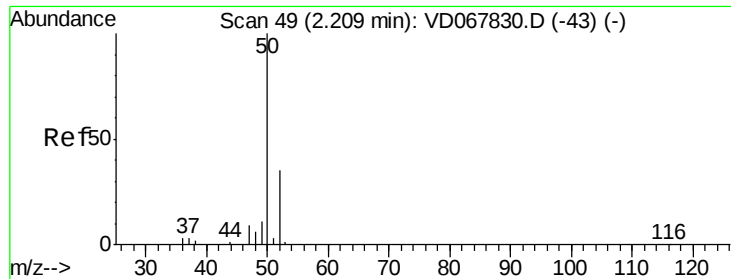
87 30.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.185 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 50 Resp: 20482

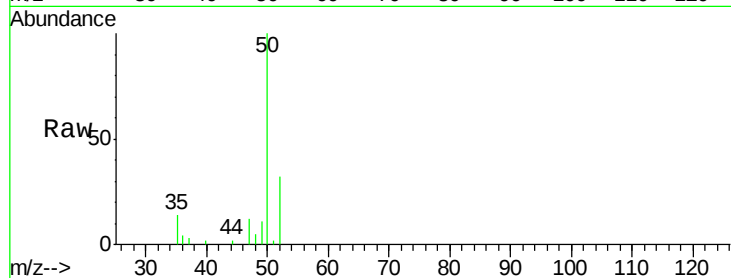
Ion Ratio Lower Upper

50 100

52 31.9 27.8 41.6

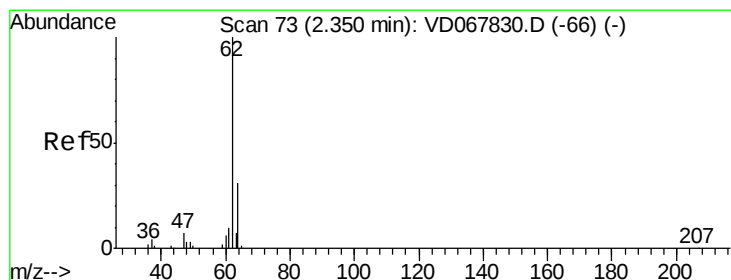
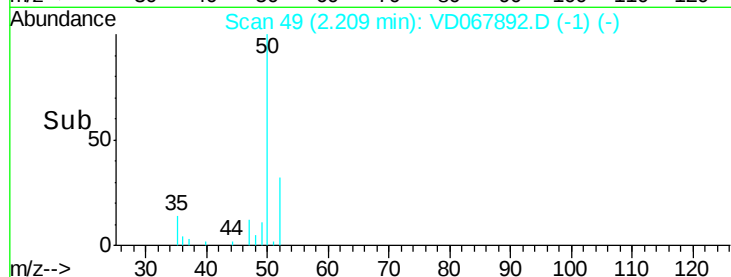
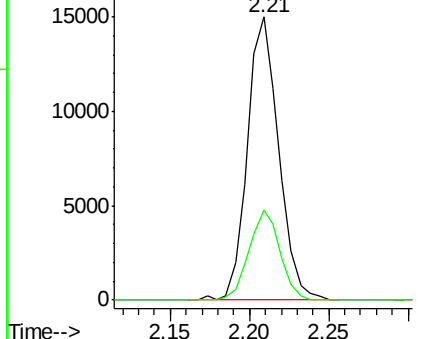
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.611 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067892.D

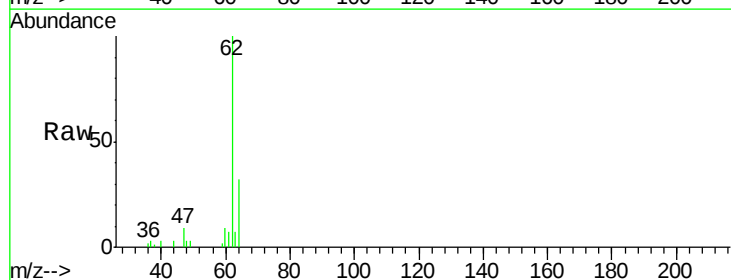
Acq: 07 Dec 2020 11:41

Tgt Ion: 62 Resp: 25097

Ion Ratio Lower Upper

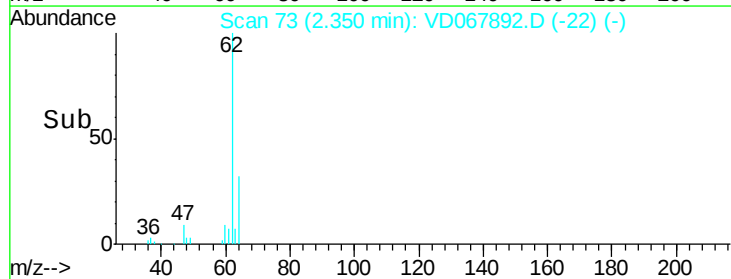
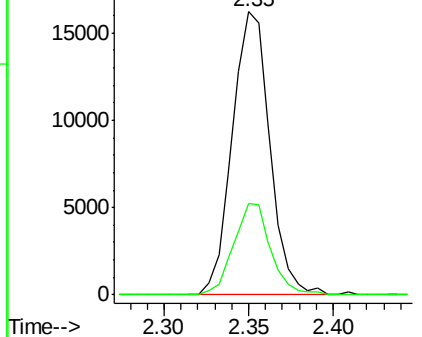
62 100

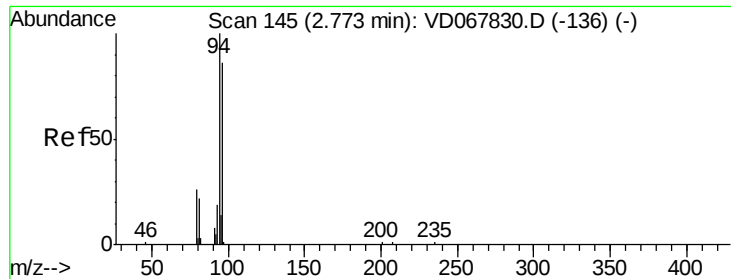
64 32.4 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 23.867 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBSD01

Tot Ion: 94 Resp: 25944

Ion Ratio Lower Upper

94 100

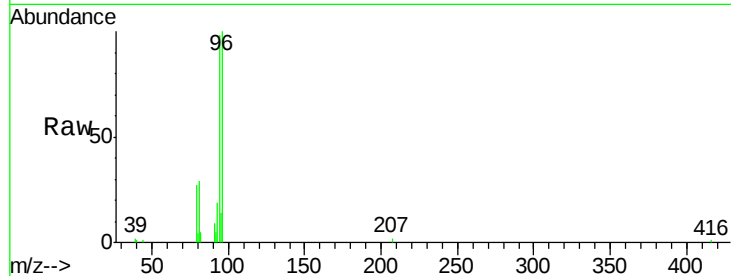
96 102.4 68.7 103.1

Manual Integrations

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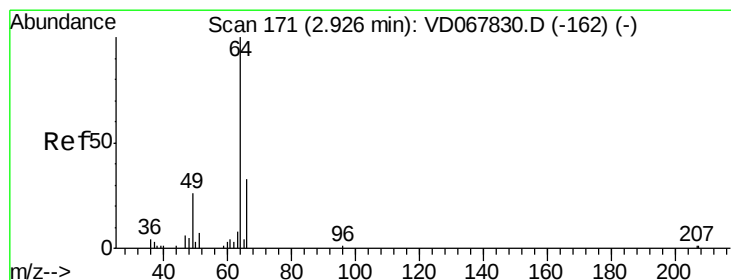
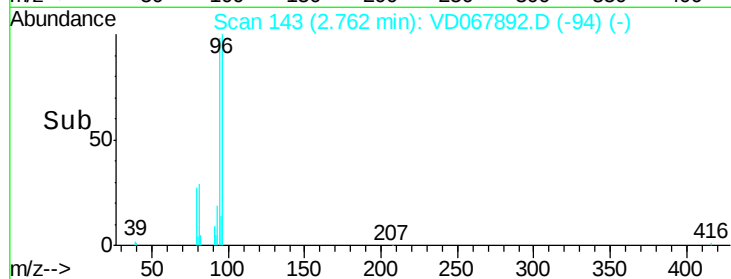
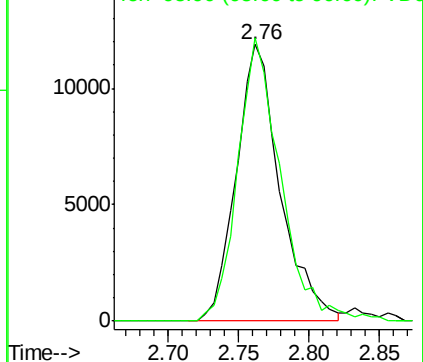
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.871 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067892.D

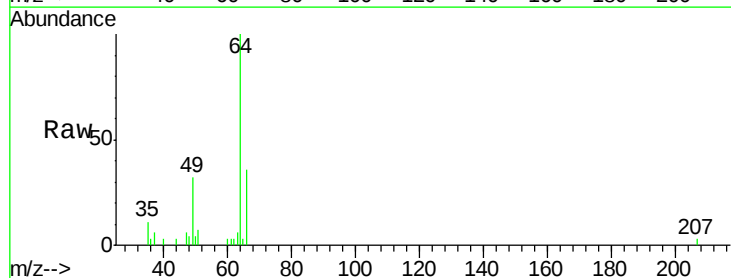
Acq: 07 Dec 2020 11:41

Tgt Ion: 64 Resp: 18132

Ion Ratio Lower Upper

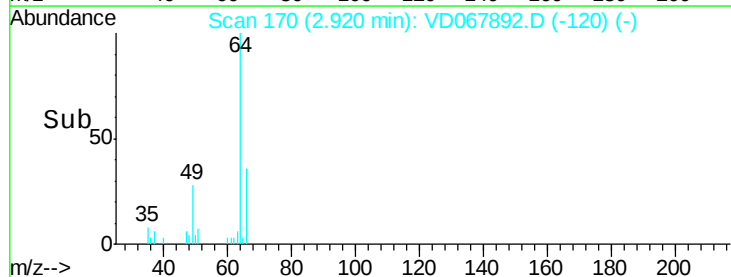
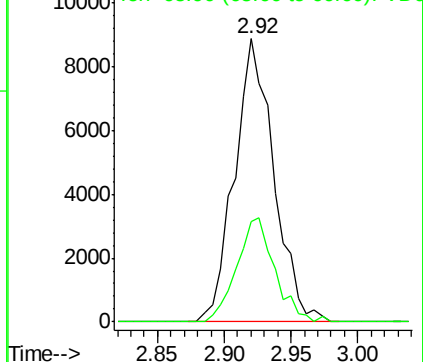
64 100

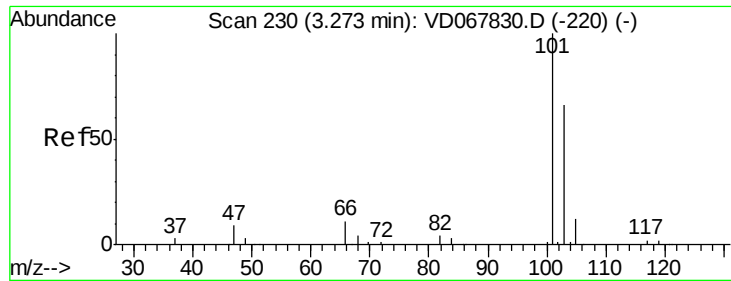
66 35.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

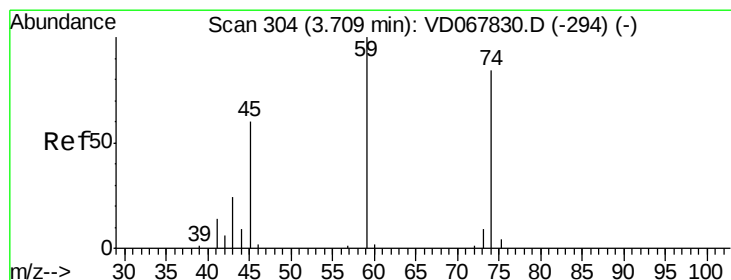
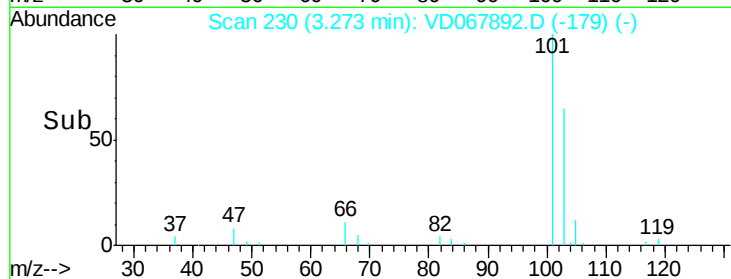
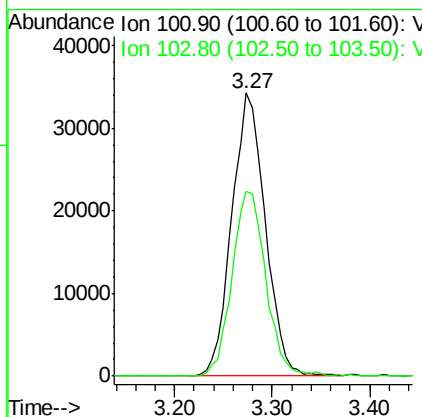
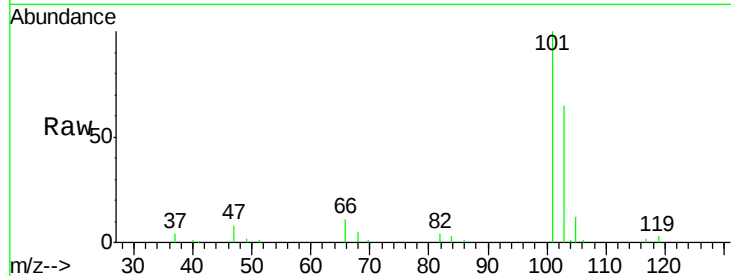
Trichlorofluoromethane
 Concen: 21.949 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

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 VD1207SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.0	79.6

Manual Integrations
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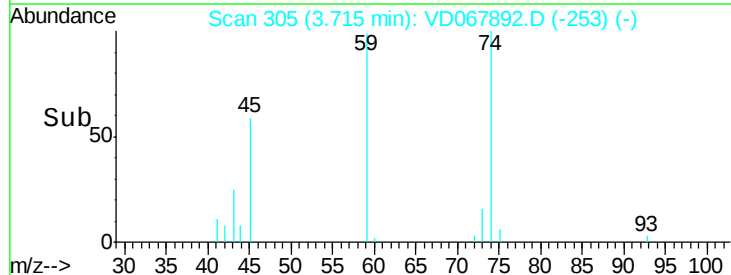
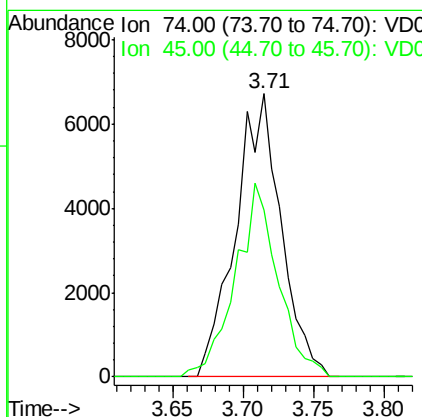
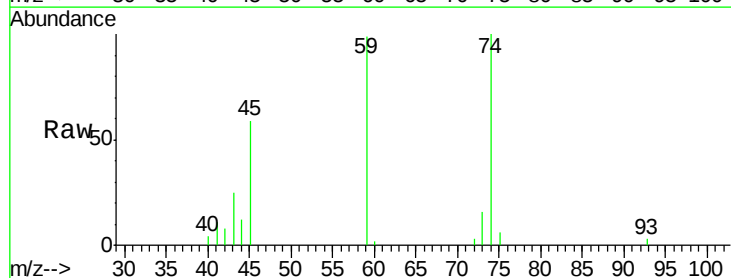
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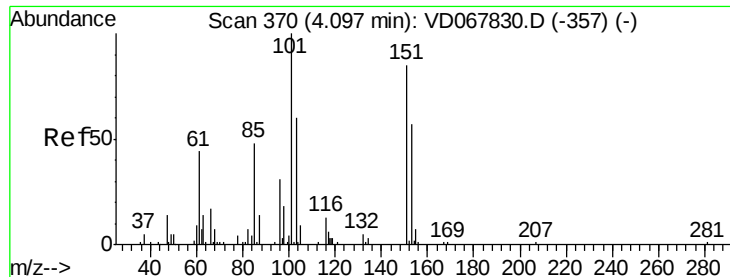


#8

Diethyl Ether
 Concen: 20.909 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	63.7	33.9	101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.850 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

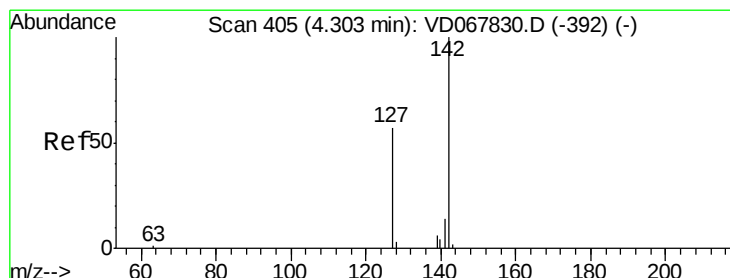
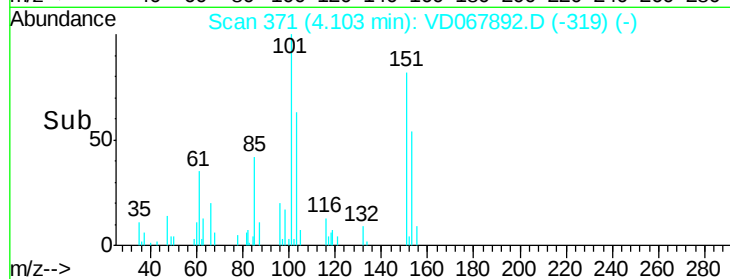
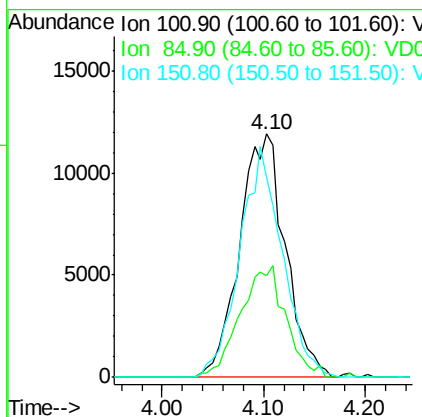
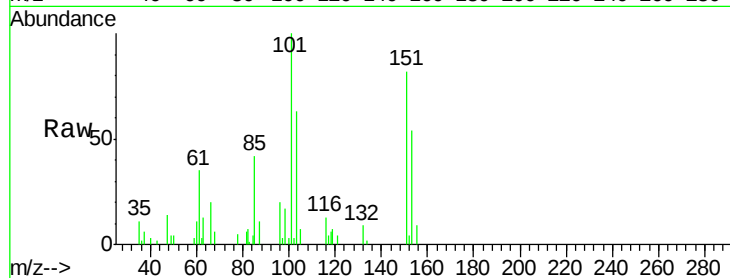
ClientSampleId :

VD1207SBSD01

Tot Ion:	101	Resp:	37124
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.2	54.4
151	88.4	69.4	104.2

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#10

Methyl Iodide

Concen: 19.276 ug/l

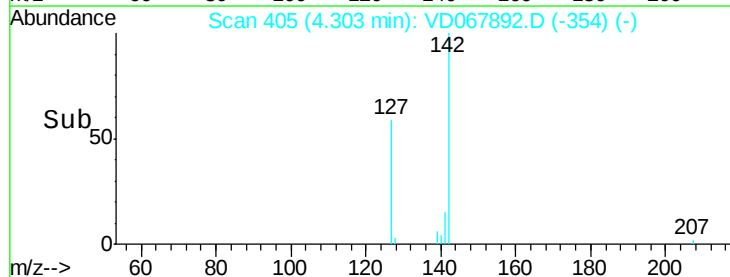
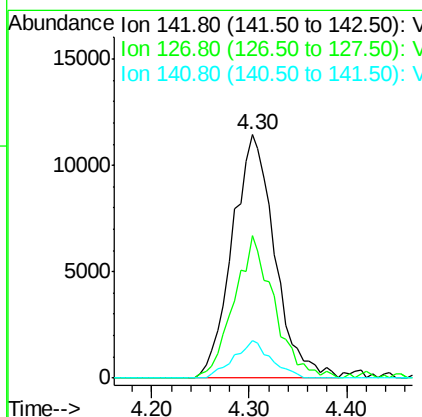
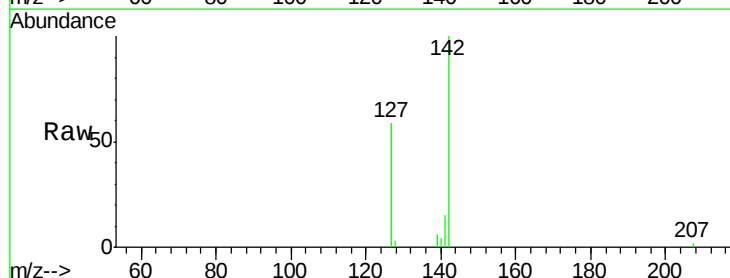
RT: 4.30 min Scan# 405

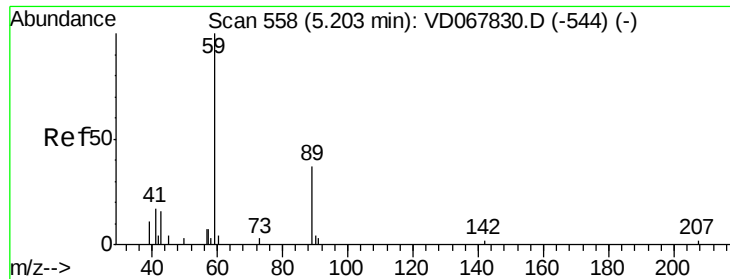
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	142	Resp:	34714
Ion Ratio	Lower	Upper	
142	100		
127	55.4	43.9	65.9
141	13.5	12.2	18.2





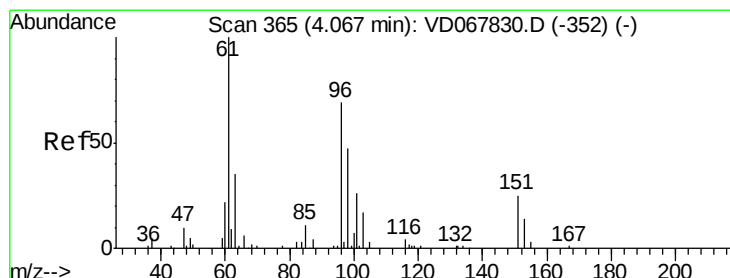
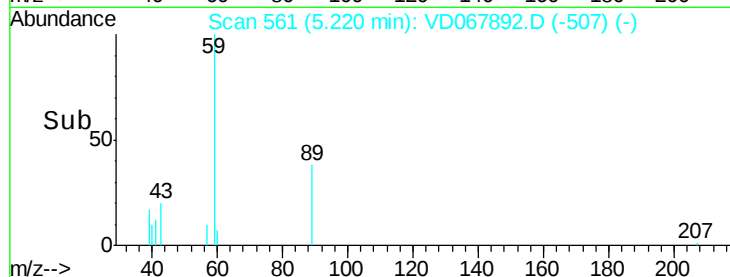
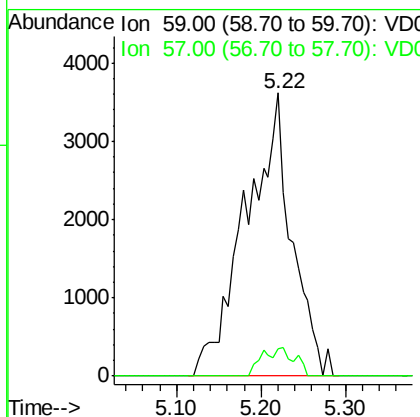
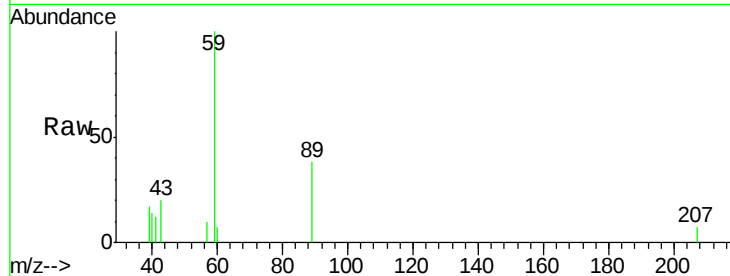
#11
Tert butyl alcohol
Concen: 92.269 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.02 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion: 59 Resp: 13651
Ion Ratio Lower Upper
59 100
57 4.0 7.7 11.5#

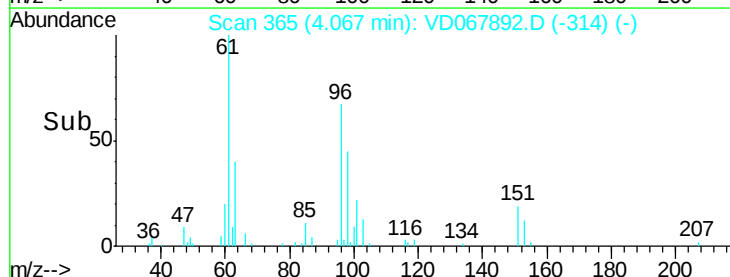
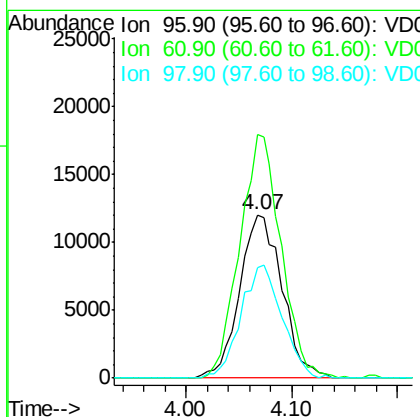
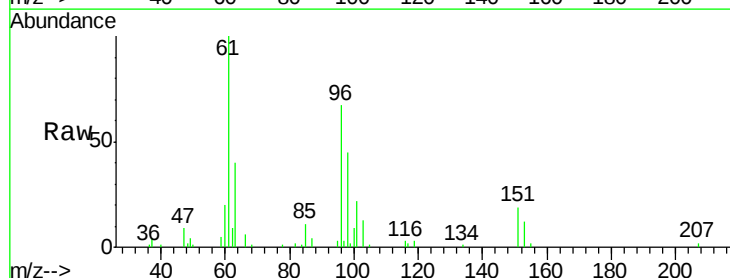
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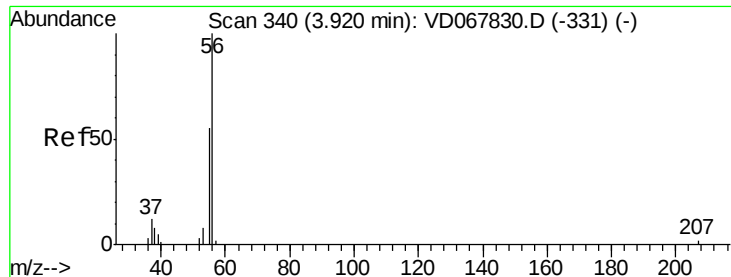
MMDadoda
12/8/2020 5:05:43 PM



#12
1,1-Dichloroethene
Concen: 21.030 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 96 Resp: 33546
Ion Ratio Lower Upper
96 100
61 149.0 116.1 174.1
98 67.3 54.6 82.0





#13

Acrolein

Concen: 72.970 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 56 Resp: 5795

Ion Ratio Lower Upper

56 100

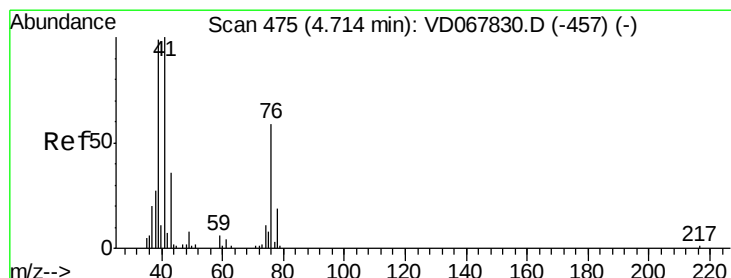
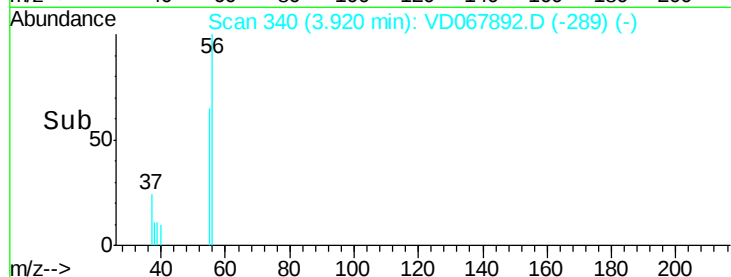
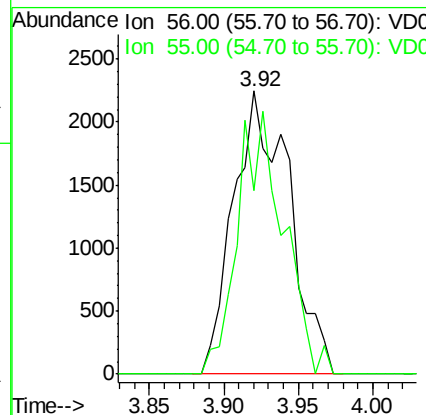
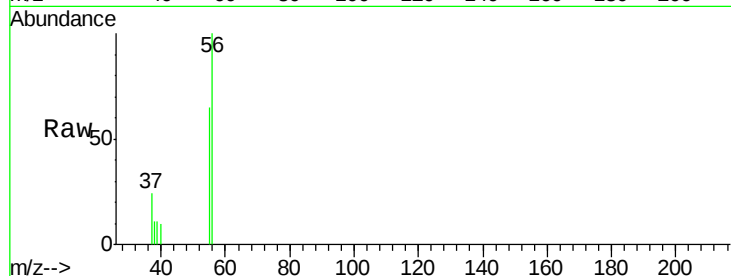
55 77.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 20.654 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

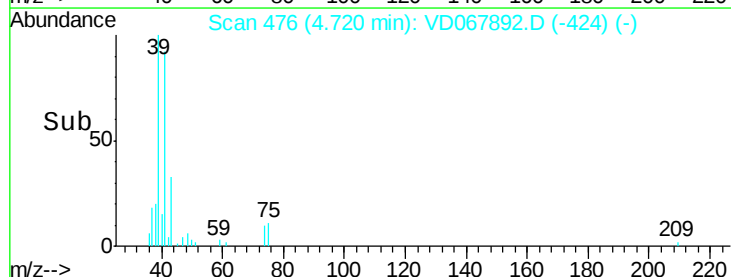
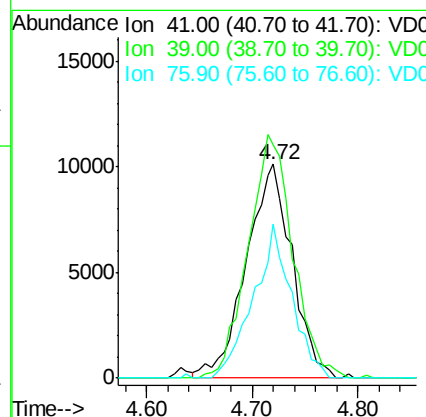
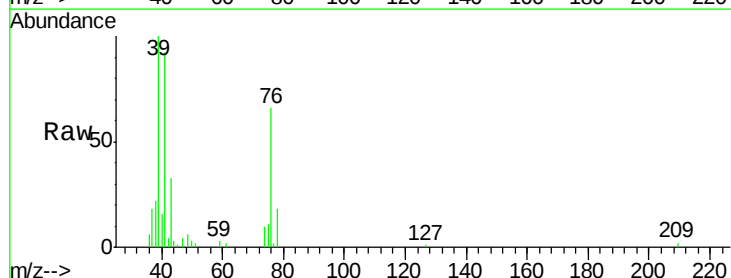
Tgt Ion: 41 Resp: 30478

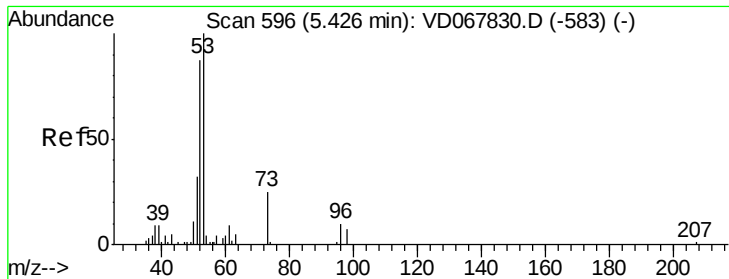
Ion Ratio Lower Upper

41 100

39 111.1 79.0 118.6

76 59.9 46.6 70.0





#15

Acrylonitrile

Concen: 98.437 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

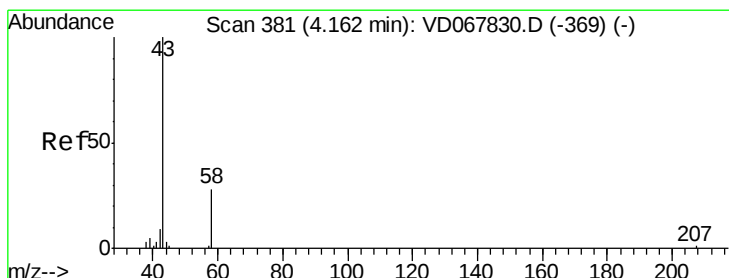
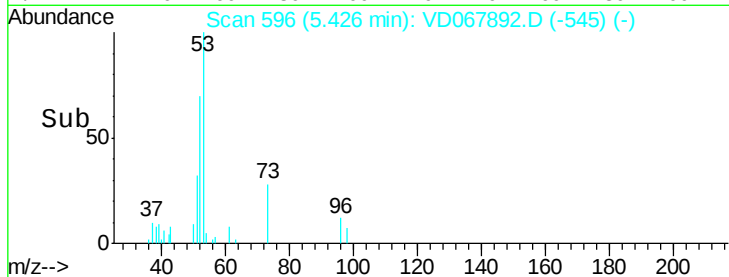
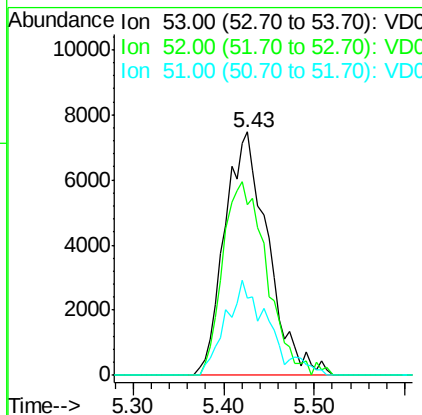
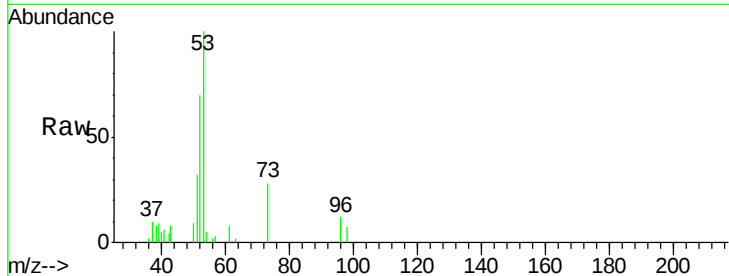
ClientSampleId :

VD1207SBS01

Tot Ion:	53	Resp:	24788
Ion Ratio	Lower	Upper	
53	100		
52	79.8	66.2	99.2
51	35.6	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 94.707 ug/l

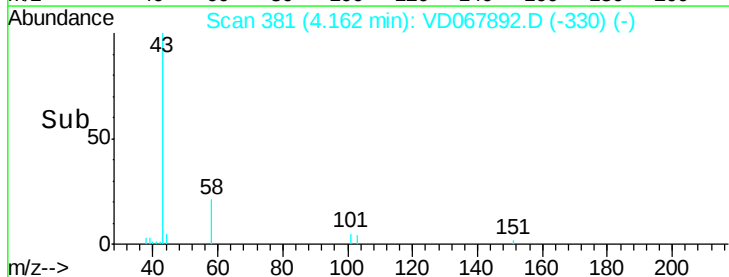
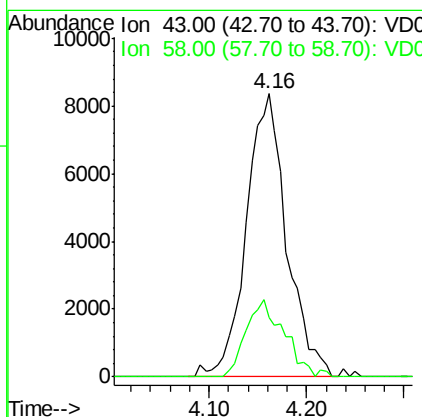
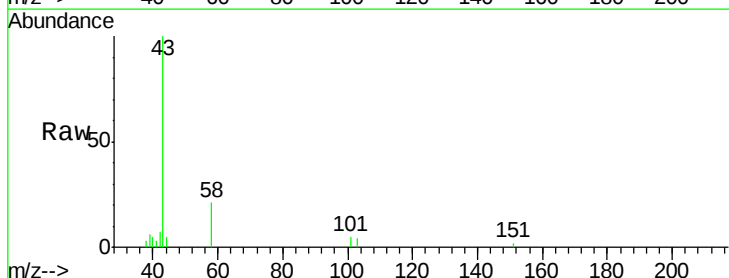
RT: 4.16 min Scan# 381

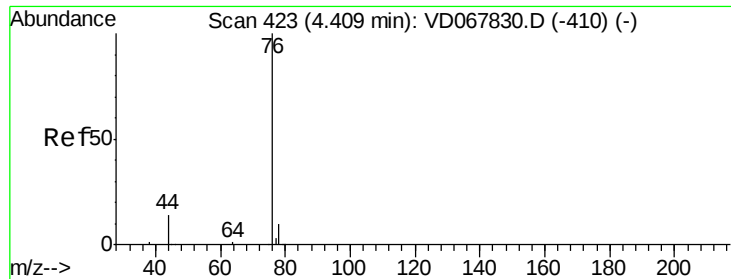
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	43	Resp:	24185
Ion Ratio	Lower	Upper	
43	100		
58	20.8	21.9	32.9#





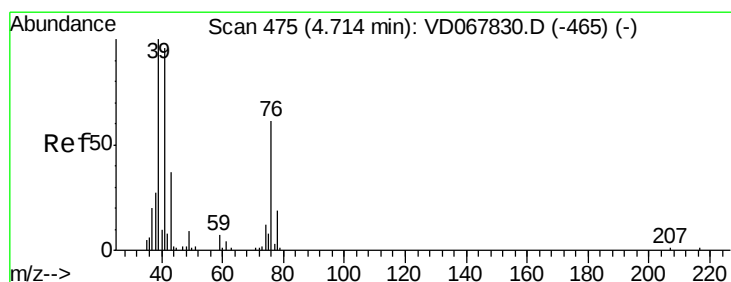
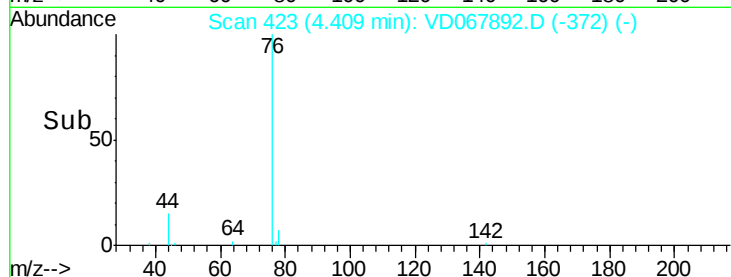
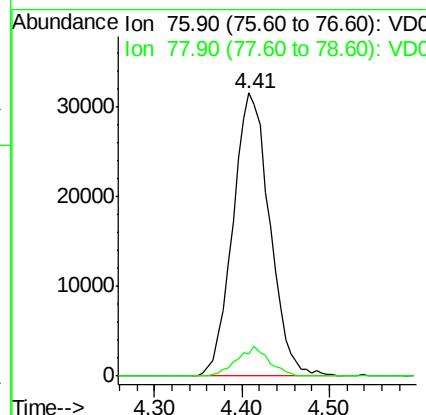
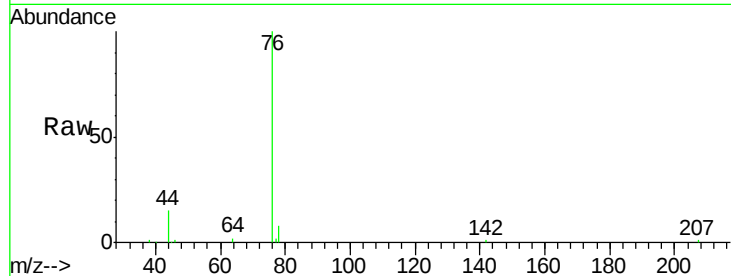
#17
Carbon Disulfide
Concen: 20.215 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.8	11.6

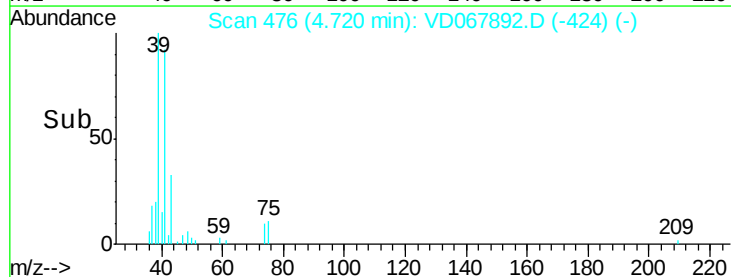
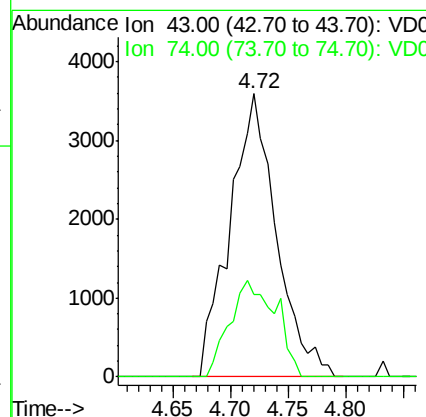
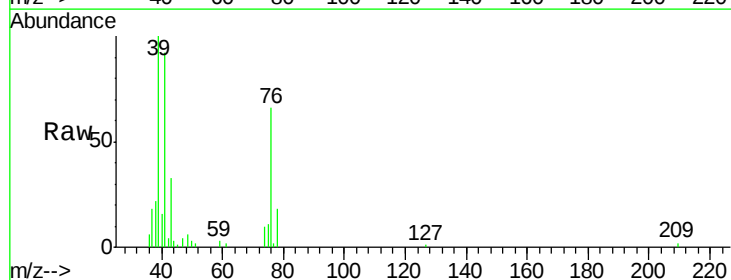
Manual Integrations
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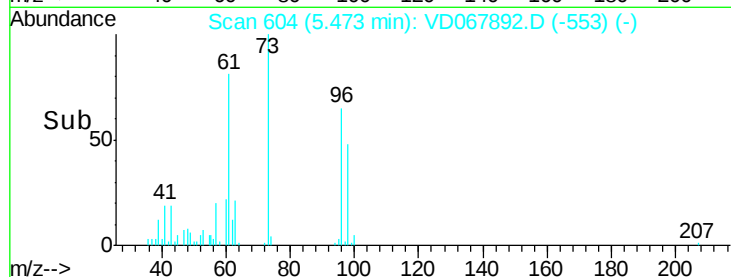
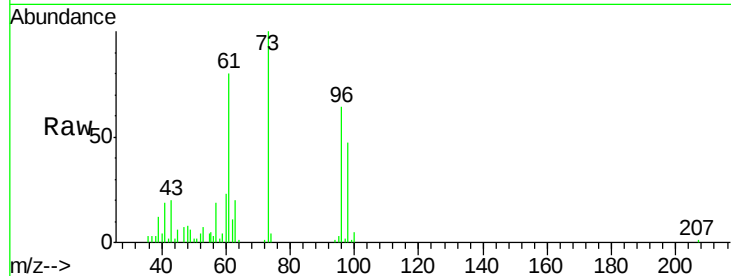
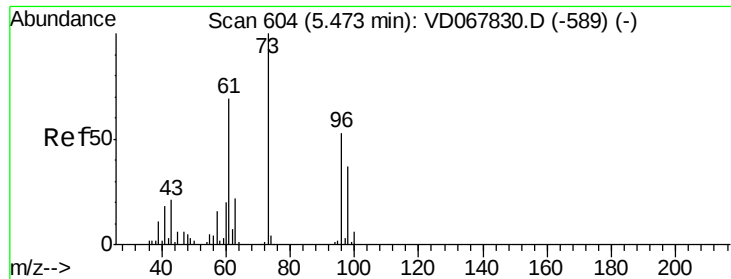
MMDadoda
12/8/2020 5:05:43 PM



#18
Methyl Acetate
Concen: 20.650 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.6	27.0	40.4





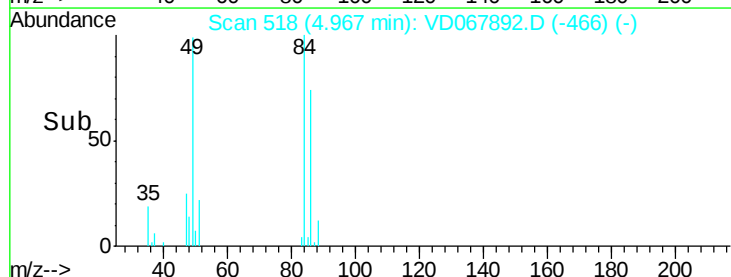
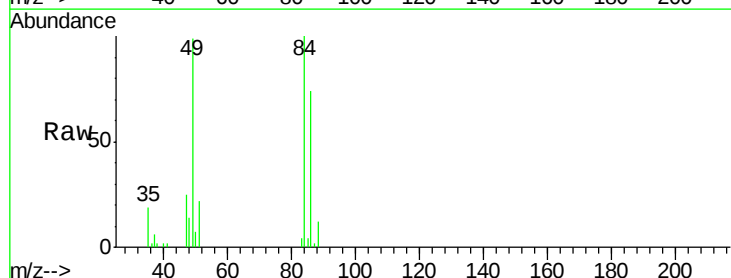
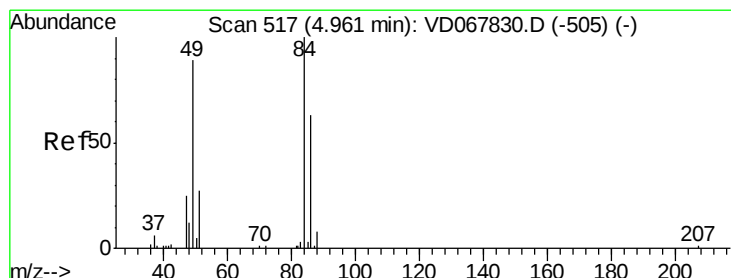
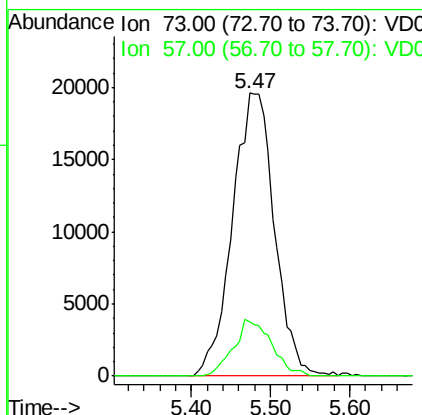
#19
Methvl tert-butvl Ether
Concen: 21.123 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tot Ion: 73 Resp: 72150
Ion Ratio Lower Upper
73 100
57 19.4 13.2 19.8

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

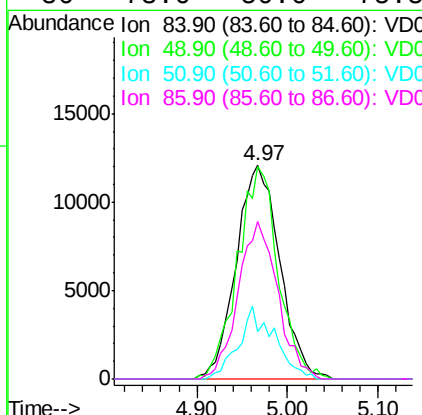
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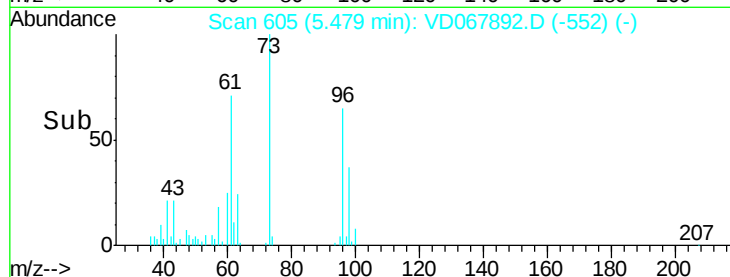
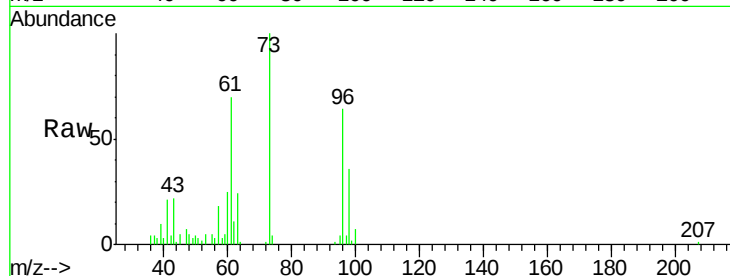
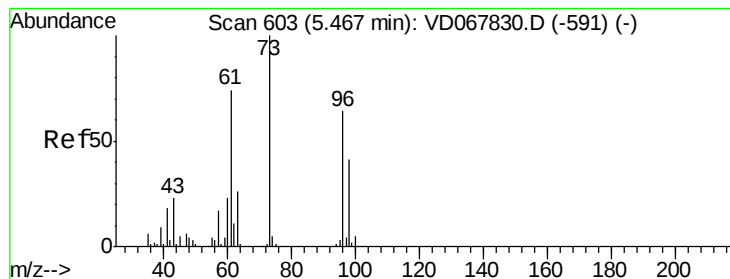
MMDadoda
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#20
Methylene Chloride
Concen: 22.116 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 84 Resp: 40373
Ion Ratio Lower Upper
84 100
49 99.3 71.4 107.0
51 22.3 21.8 32.8
86 73.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.812 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tot Ion:	96	Resp:	39592
Ion	Ratio	Lower	Upper
96	100		
61	109.2	93.1	139.7
98	56.9	52.2	78.2

Instrument :

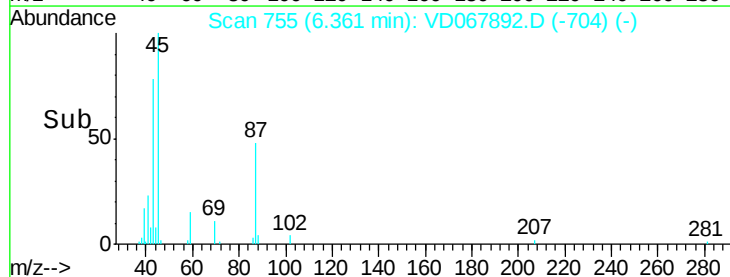
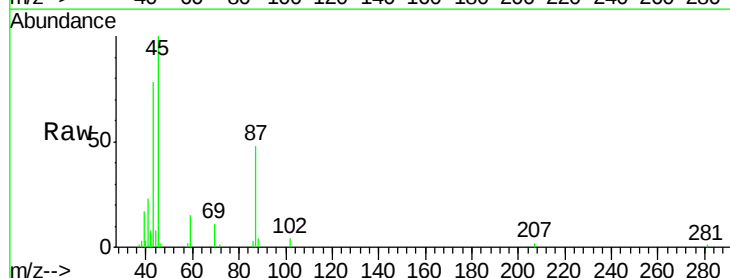
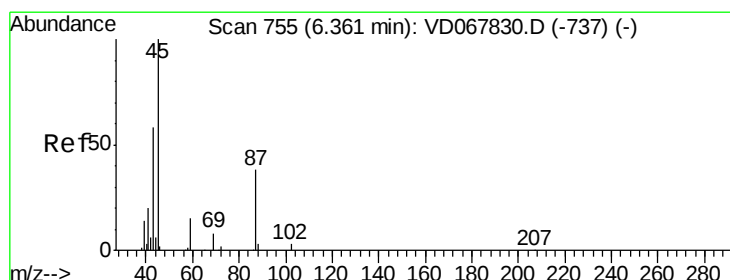
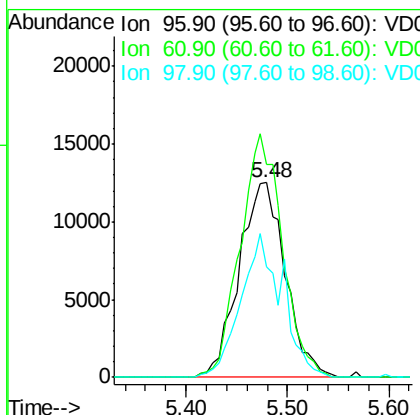
MSVOA_D

ClientSampleId :

VD1207SBS01

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#22

Diisopropyl ether

Concen: 20.917 ug/l

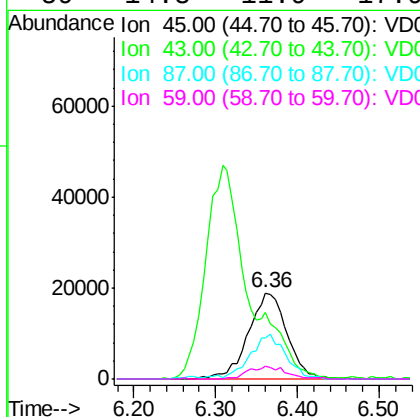
RT: 6.36 min Scan# 755

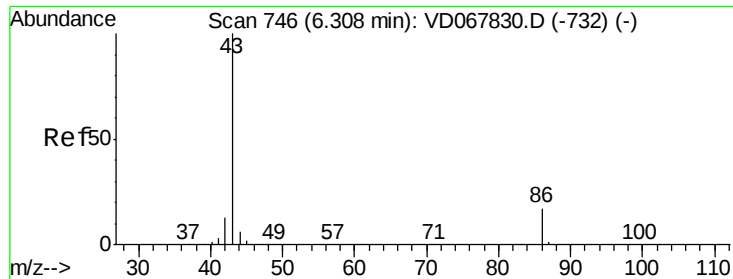
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	45	Resp:	62082
Ion	Ratio	Lower	Upper
45	100		
43	76.7	49.8	74.6#
87	48.2	32.1	48.1#
59	14.8	11.9	17.9





#23

Vinyl Acetate

Concen: 104.509 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 43 Resp: 172559

Ion Ratio Lower Upper

43 100

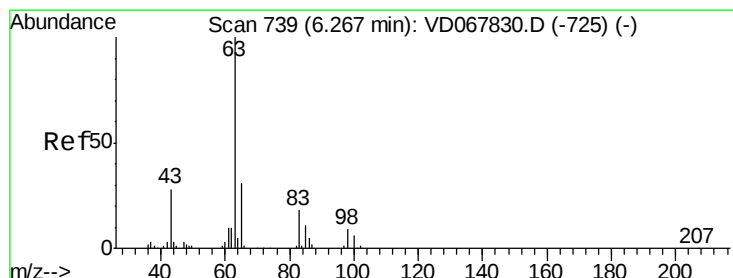
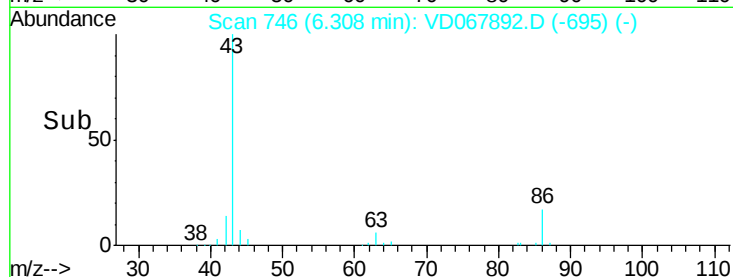
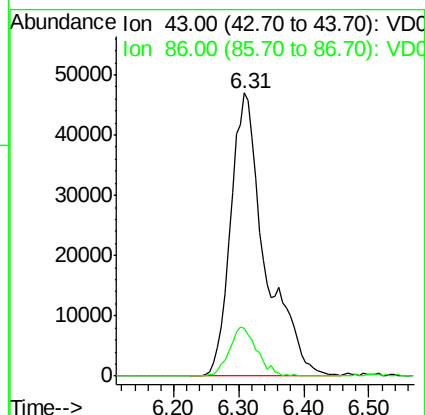
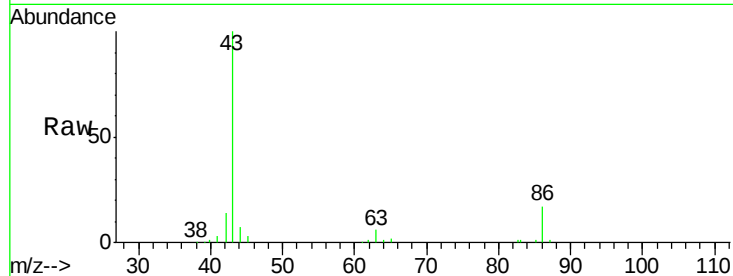
86 16.8 13.8 20.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.234 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

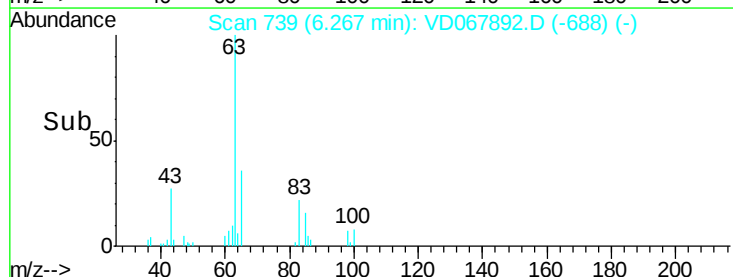
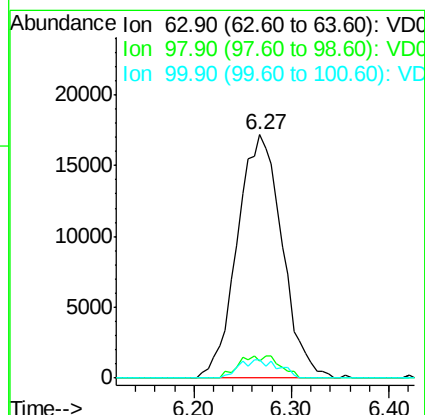
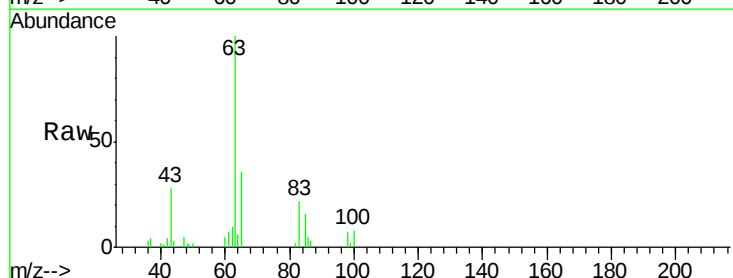
Tgt Ion: 63 Resp: 55246

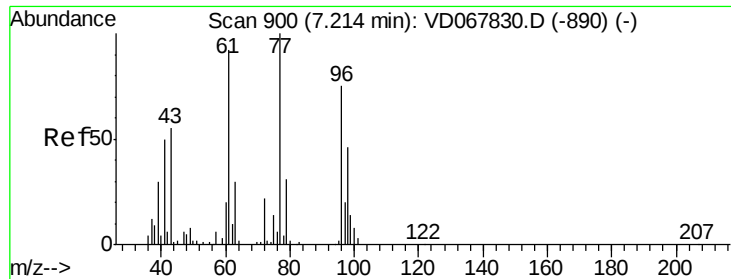
Ion Ratio Lower Upper

63 100

98 6.9 4.5 13.5

100 7.5 3.0 9.2





#25

2-Butanone

Concen: 97.005 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 43 Resp: 26055

Ion Ratio Lower Upper

43 100

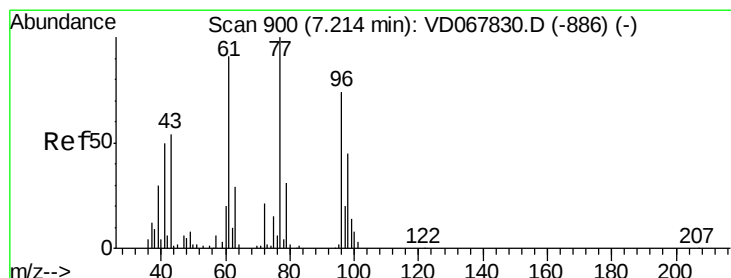
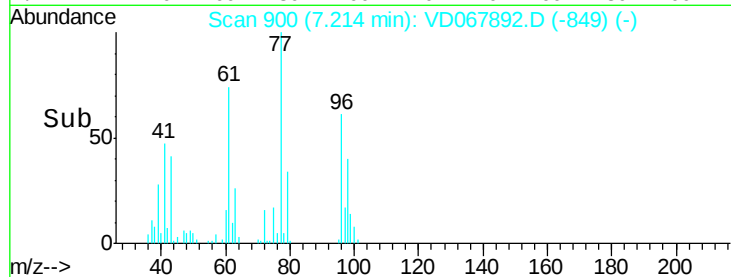
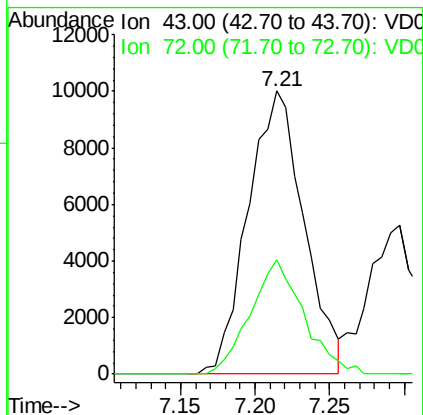
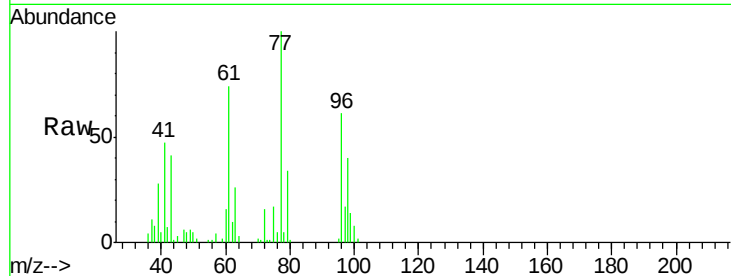
72 40.4 31.3 46.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.422 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067892.D

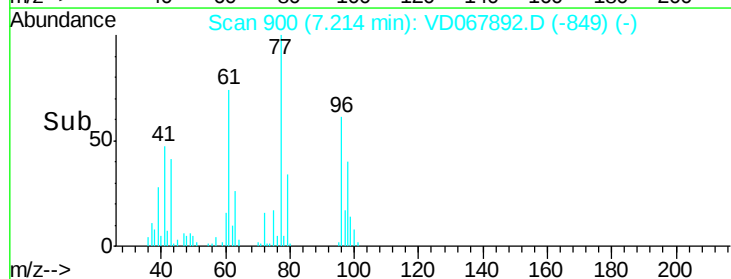
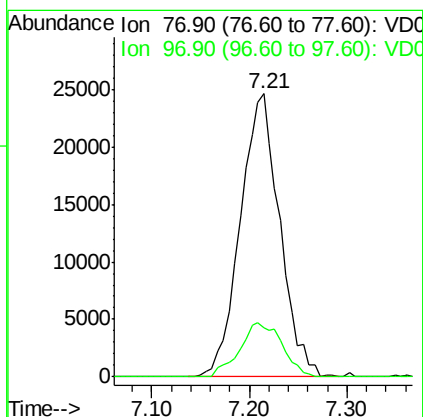
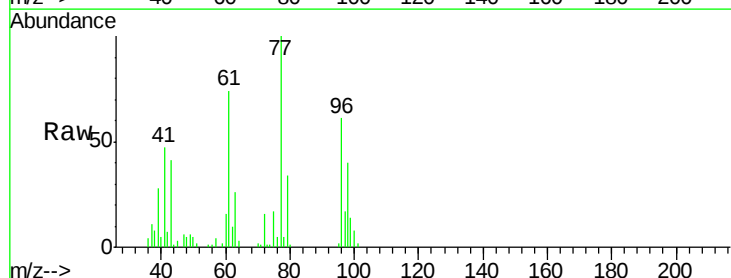
Acq: 07 Dec 2020 11:41

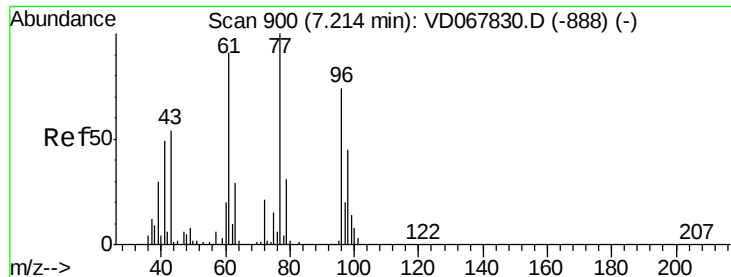
Tgt Ion: 77 Resp: 69563

Ion Ratio Lower Upper

77 100

97 20.5 11.1 33.1





#27

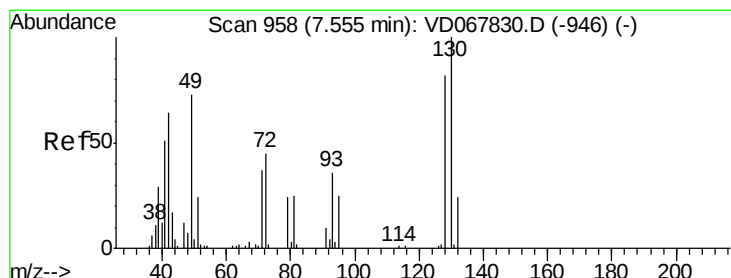
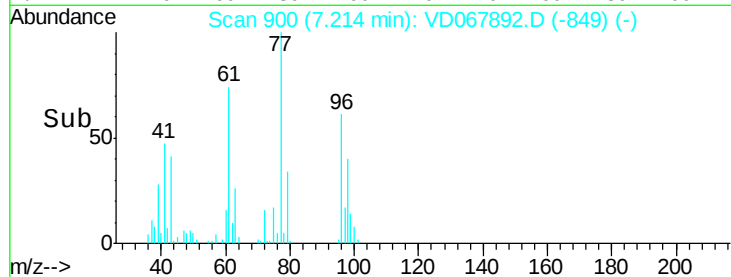
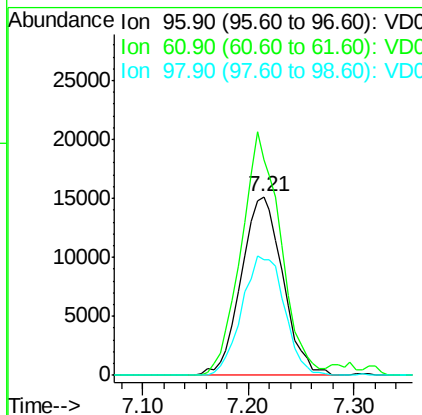
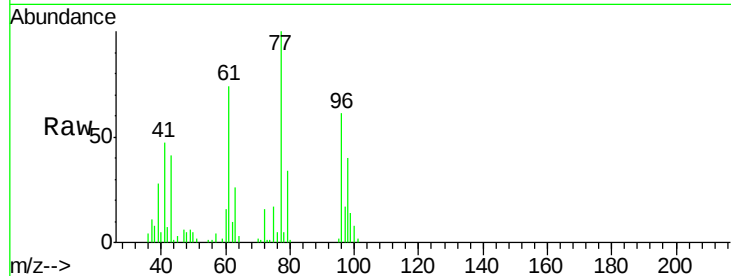
cis-1,2-Dichloroethene
 Concen: 20.793 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	248.4
98	68.4	0.0	127.4

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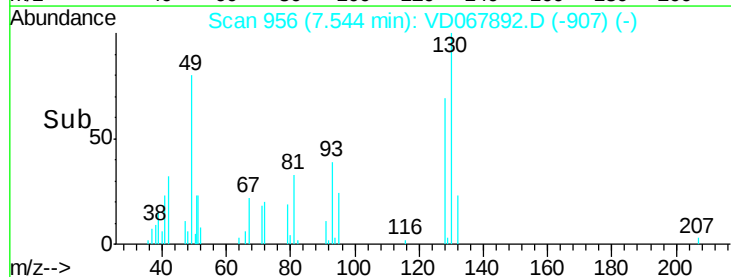
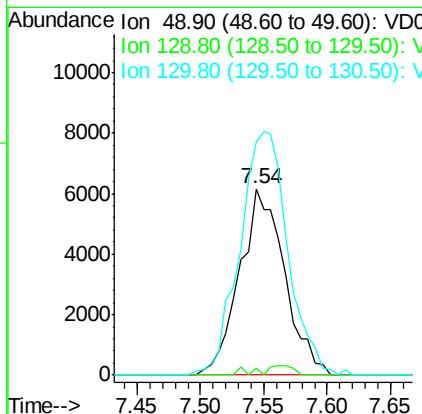
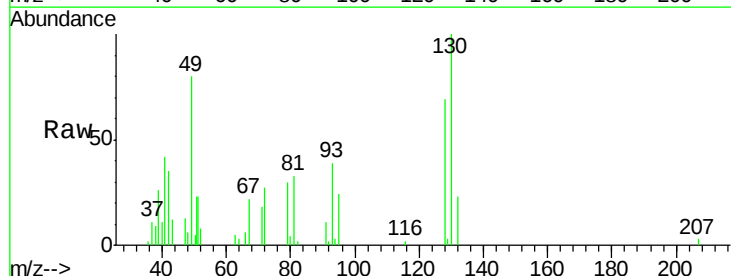
MMDadoda
 12/8/2020 5:05:43 PM

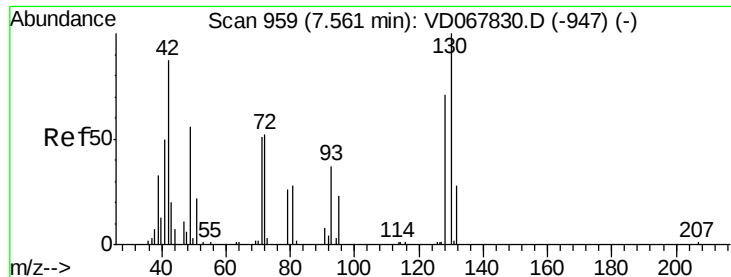


#28

Bromochloromethane
 Concen: 18.369 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	3.4
130	140.1	110.2	165.2





#29

Tetrahydrofuran

Concen: 95.662 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

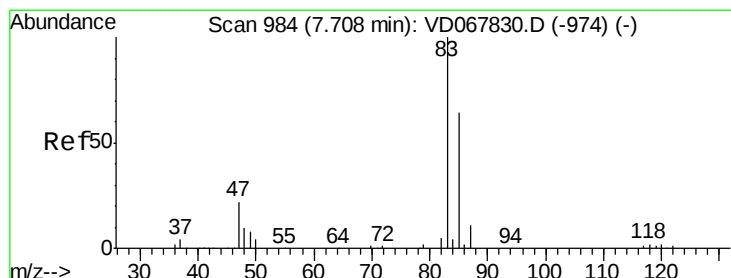
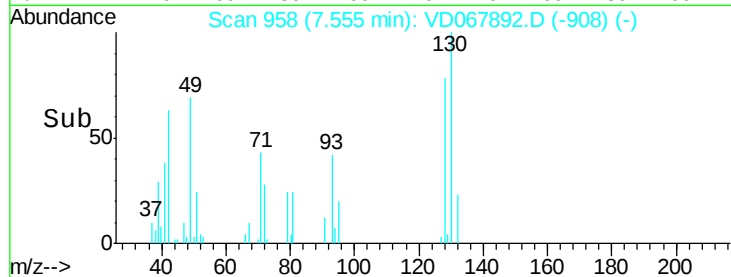
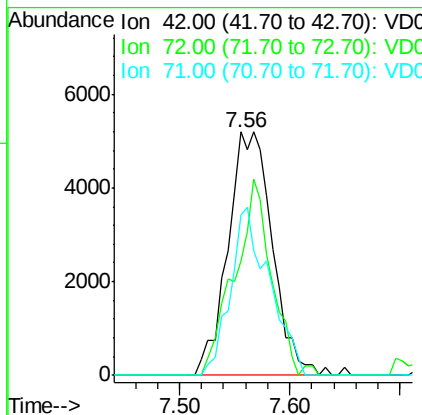
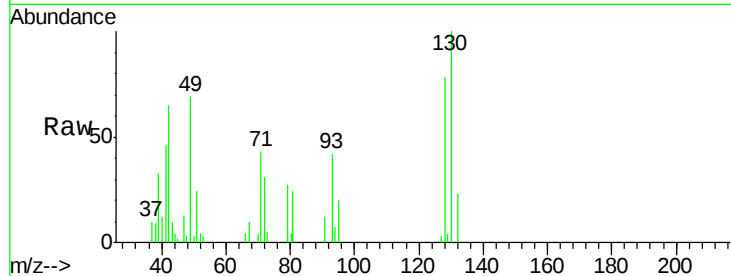
ClientSampleId :

VD1207SBS01

Tot Ion:	42	Resp:	14630
Ion Ratio	Lower	Upper	
42	100		
72	67.5	51.9	77.9
71	60.6	48.2	72.4

Manual Integrations
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#30

Chloroform

Concen: 22.554 ug/l

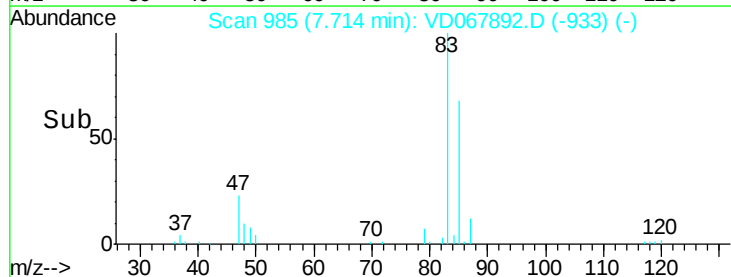
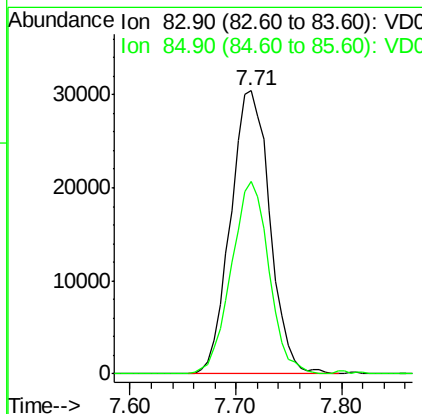
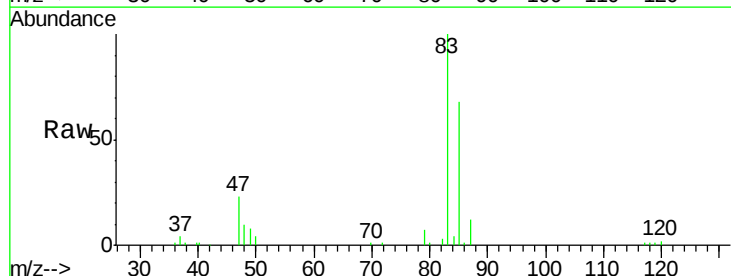
RT: 7.71 min Scan# 985

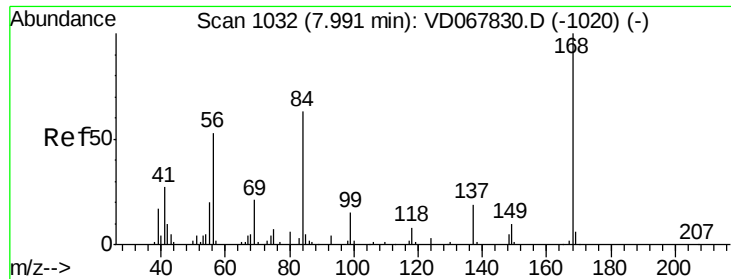
Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	83	Resp:	78417
Ion Ratio	Lower	Upper	
83	100		
85	67.9	51.0	76.4





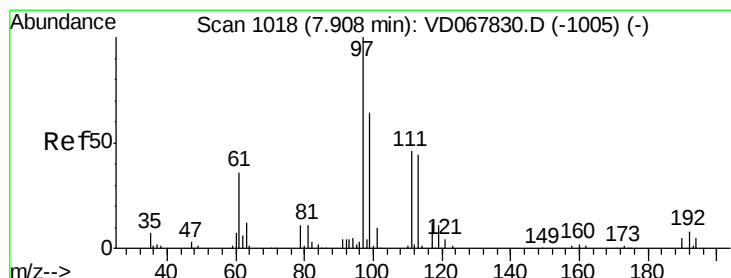
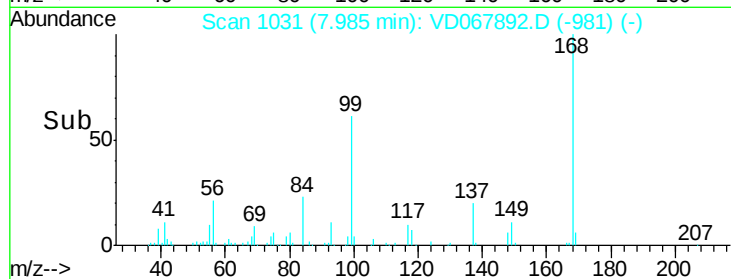
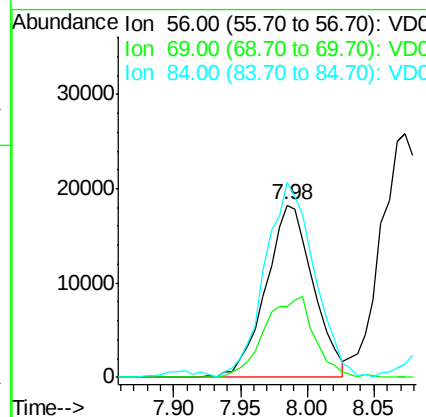
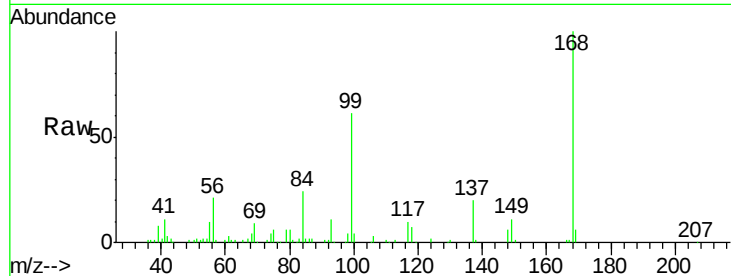
#31
Cyclohexane
Concen: 20.648 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.5	32.1	48.1
84	111.6	93.2	139.8

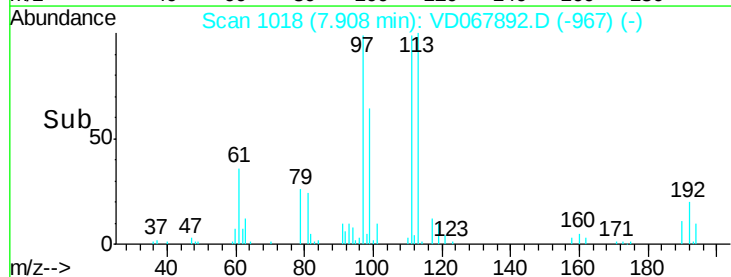
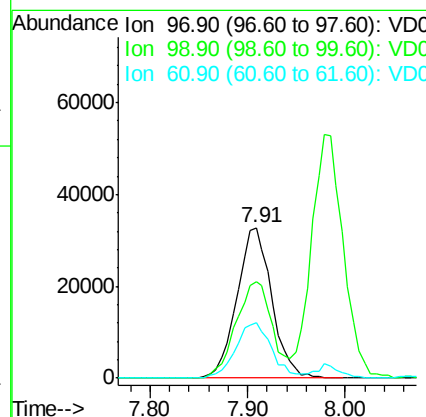
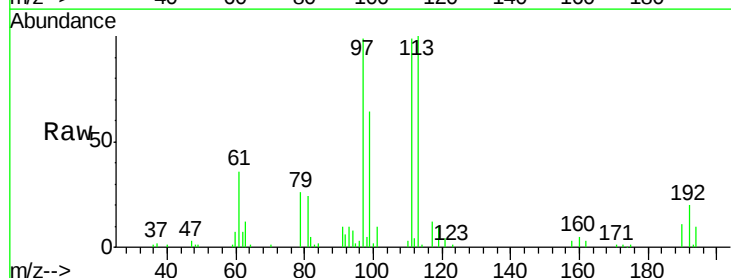
Manual Integrations
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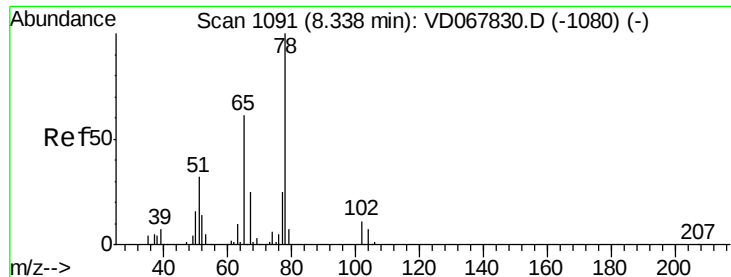
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#32
1,1,1-Trichloroethane
Concen: 22.179 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.2	51.4	77.2
61	37.3	30.8	46.2





#33

1,2-Dichloroethane-d4

Concen: 52.718 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 65 Resp: 108946

Ion Ratio Lower Upper

65 100

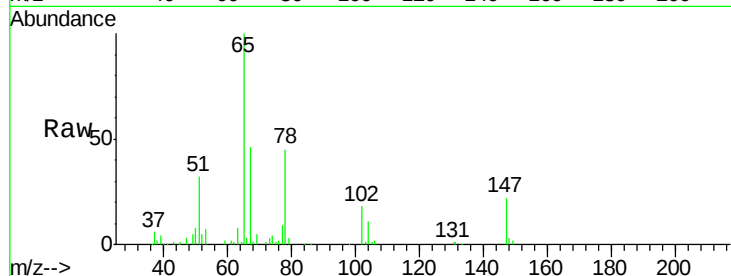
67 47.8 0.0 92.0

Manual Integrations

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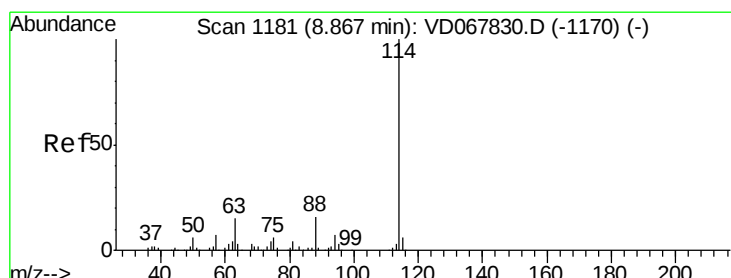
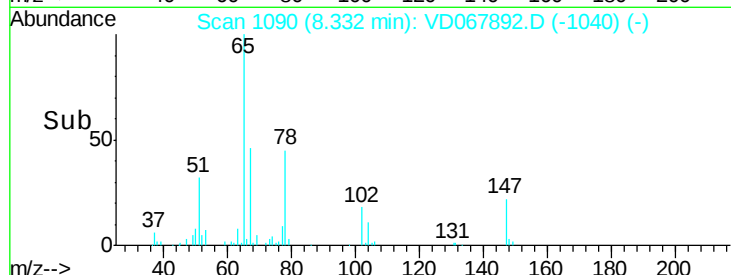
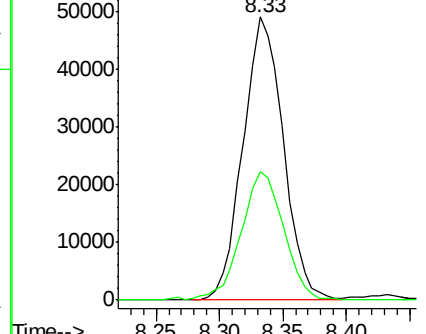
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

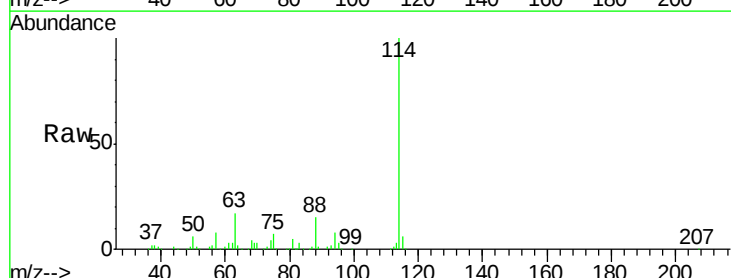
Tgt Ion: 114 Resp: 277213

Ion Ratio Lower Upper

114 100

63 16.7 0.0 30.8

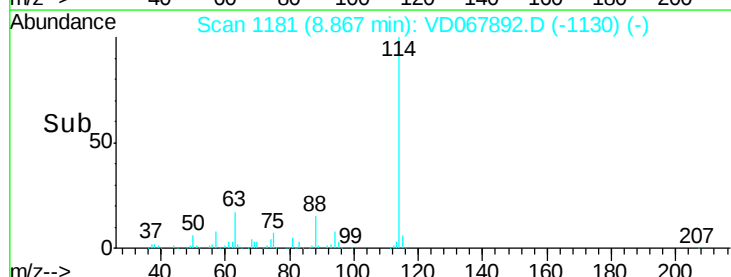
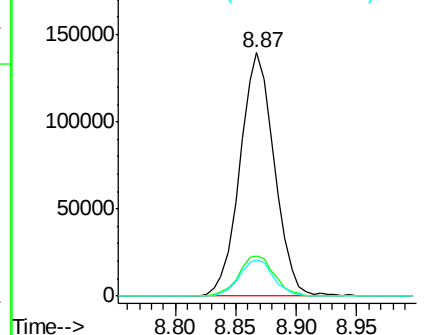
88 15.0 0.0 31.8

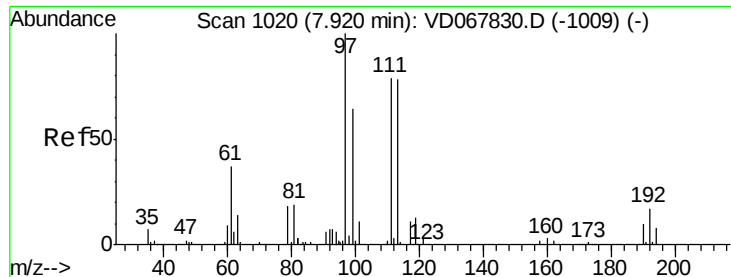


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





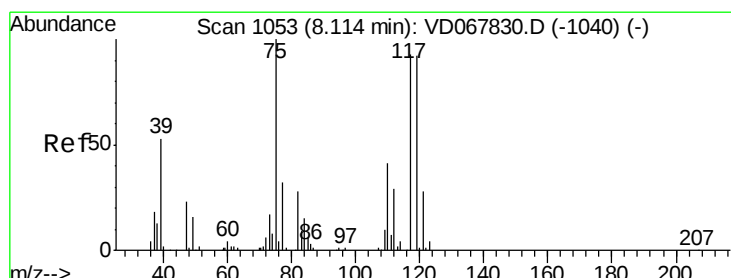
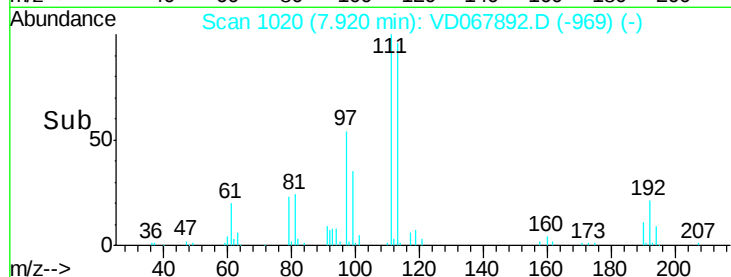
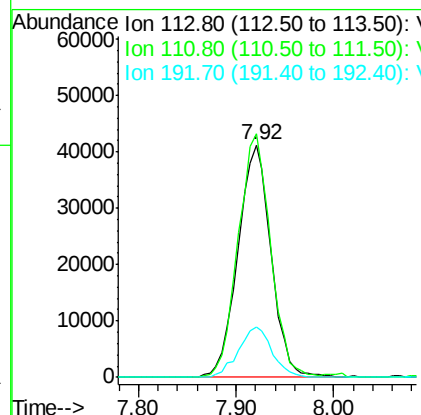
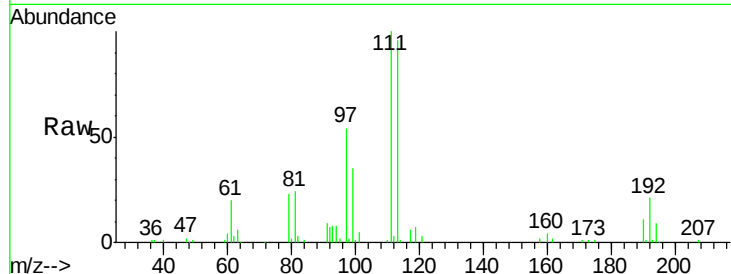
#35
 Dibromofluoromethane
 Concen: 52.439 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	97272		
111	103.2	81.2	121.8	
192	21.9	16.8	25.2	

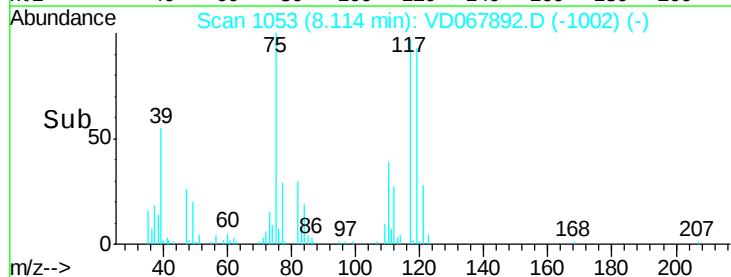
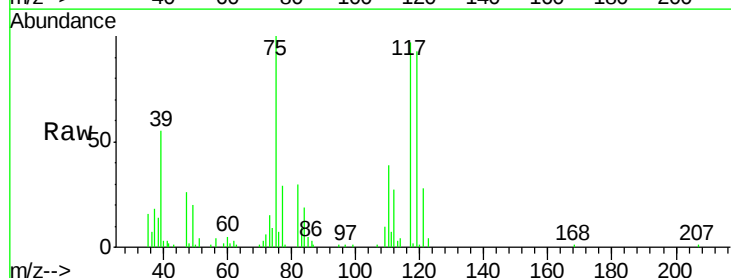
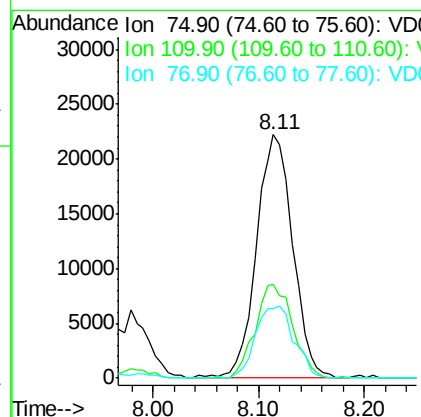
Manual Integrations
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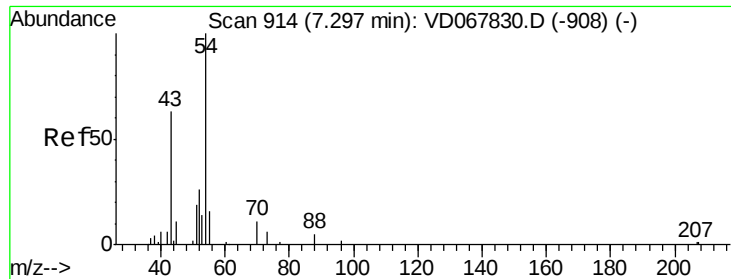
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 22.061 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52943		
110	39.9	20.3	61.0	
77	31.4	24.7	37.1	





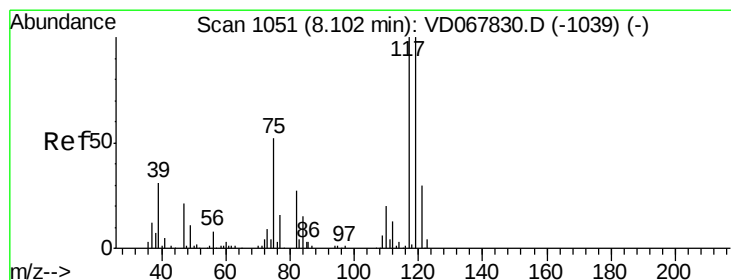
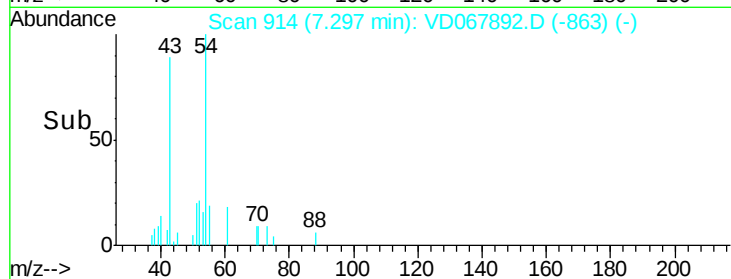
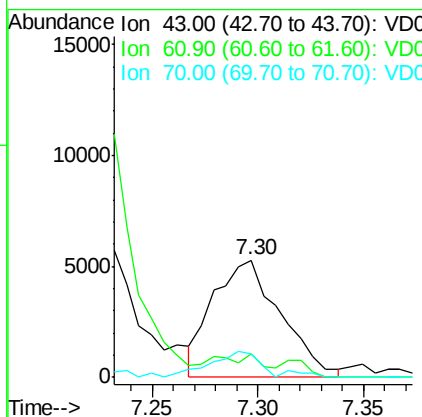
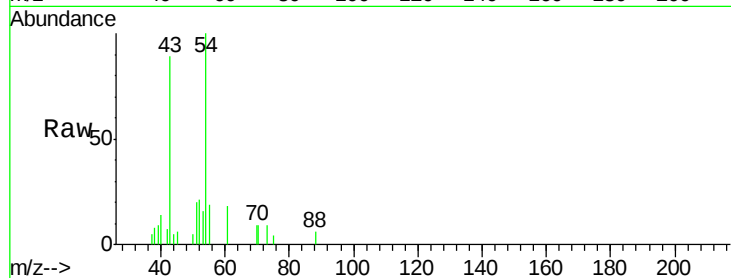
#37
Ethyl Acetate
Concen: 18.230 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.2#
70	15.6	11.5	17.3

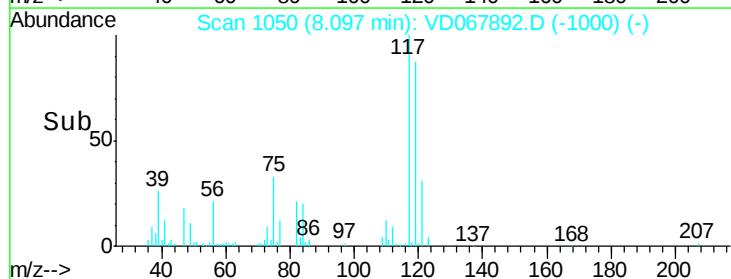
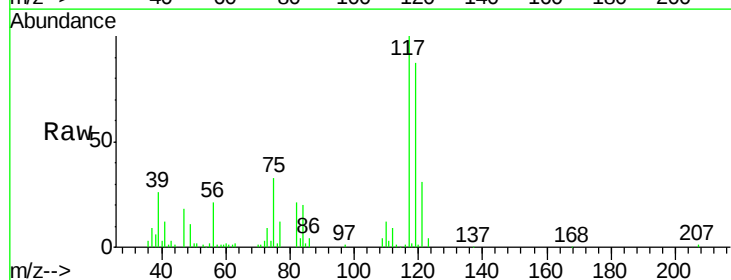
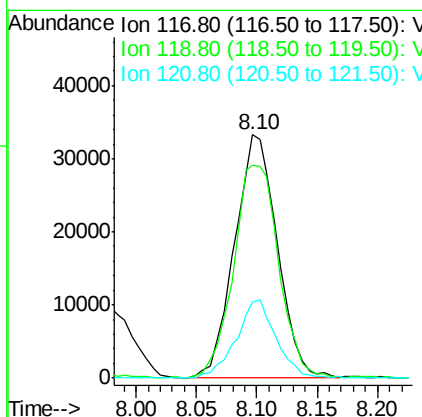
Manual Integrations
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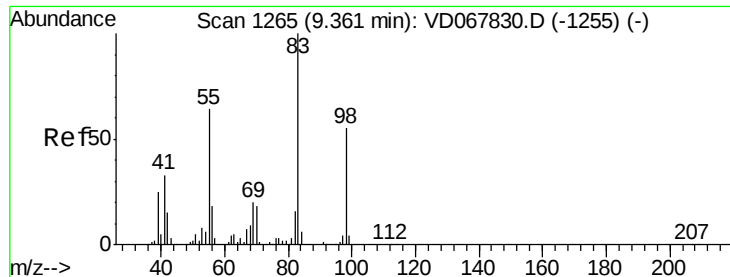
MMDadoda
12/8/2020 5:05:43 PM



#38
Carbon Tetrachloride
Concen: 22.589 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.2	79.7	119.5
121	31.4	23.8	35.6





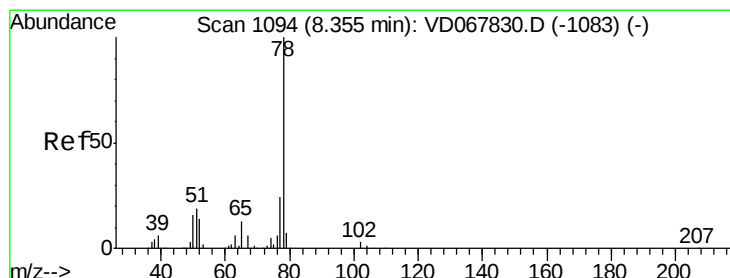
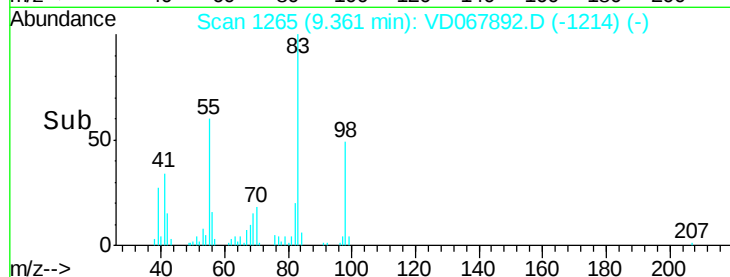
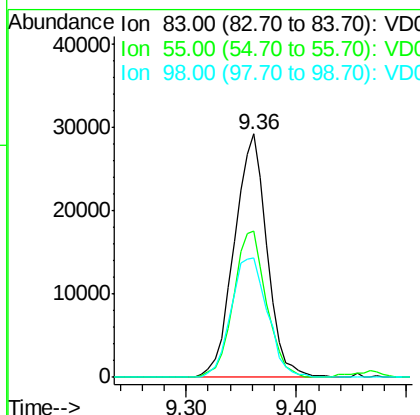
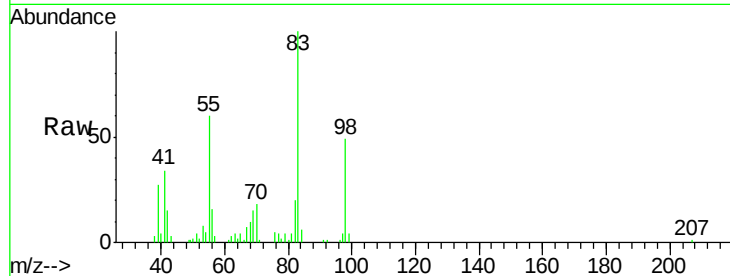
#39
Methvlcvclohexane
Concen: 21.308 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	60.3	51.6	77.4
98	49.3	44.3	66.5

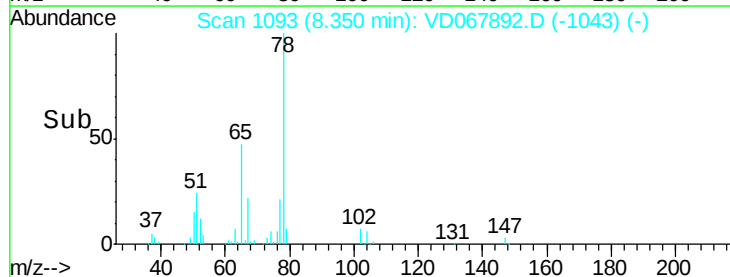
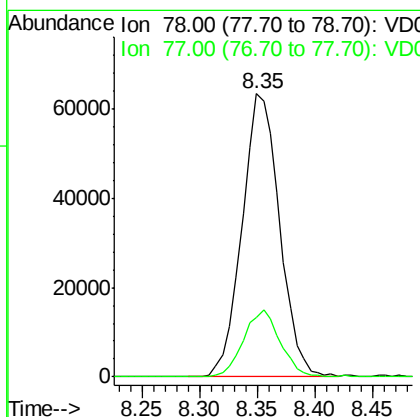
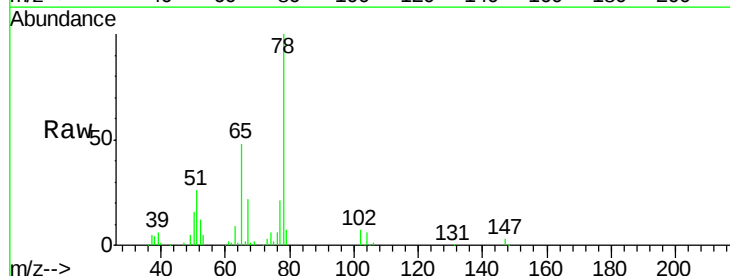
Manual Integrations
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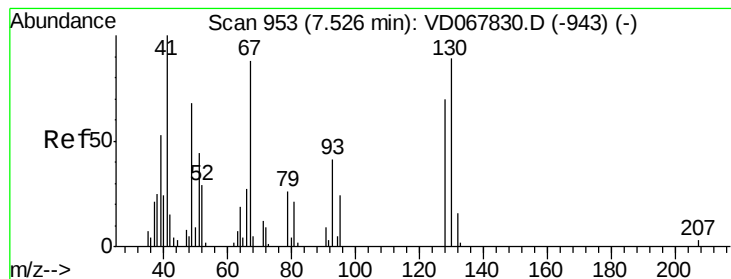
MMDadoda
12/8/2020 5:05:43 PM



#40
Benzene
Concen: 21.807 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.9	19.1	28.7





#41

Methacrylonitrile

Concen: 22.432 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 41 Resp: 7648

Ion Ratio Lower Upper

41 100

39 86.9 42.1 63.1#

67 0.0 82.4 123.6#

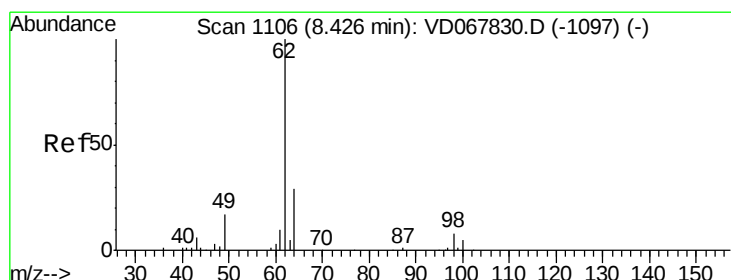
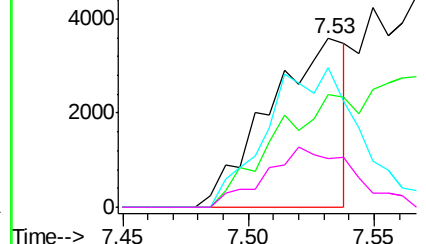
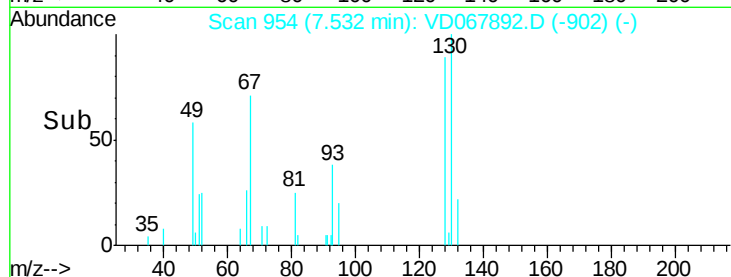
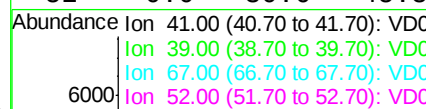
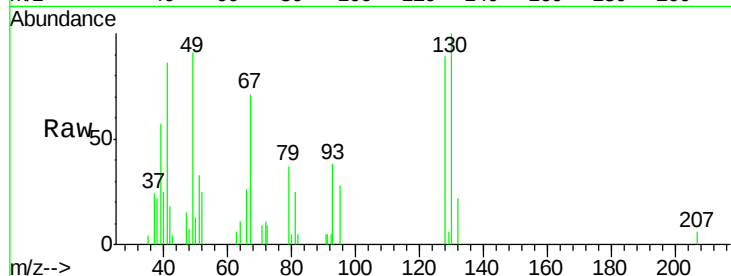
52 0.0 30.6 45.8#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 21.907 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067892.D

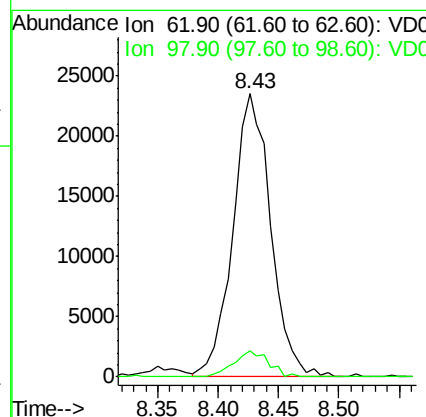
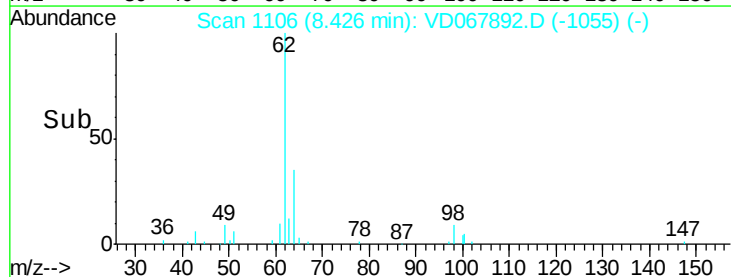
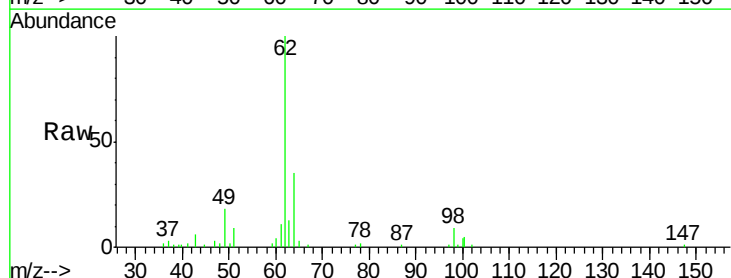
Acq: 07 Dec 2020 11:41

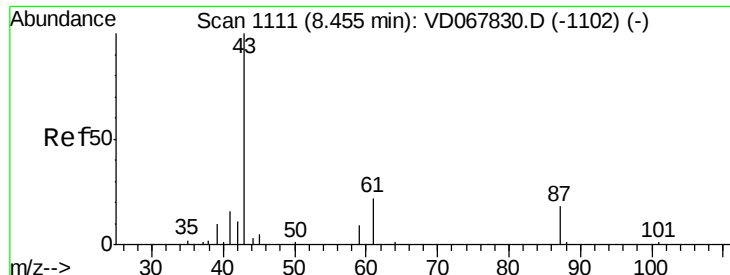
Tgt Ion: 62 Resp: 51271

Ion Ratio Lower Upper

62 100

98 8.5 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.572 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

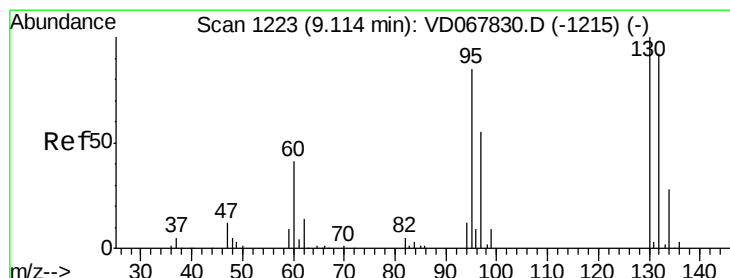
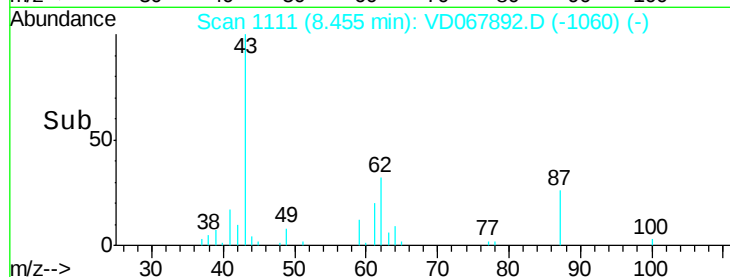
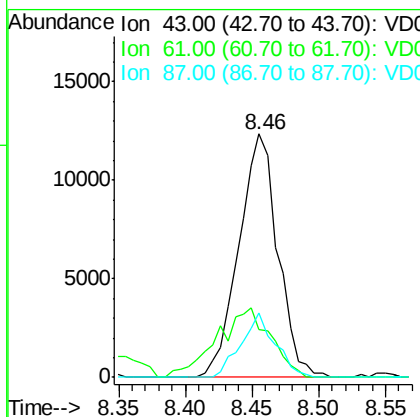
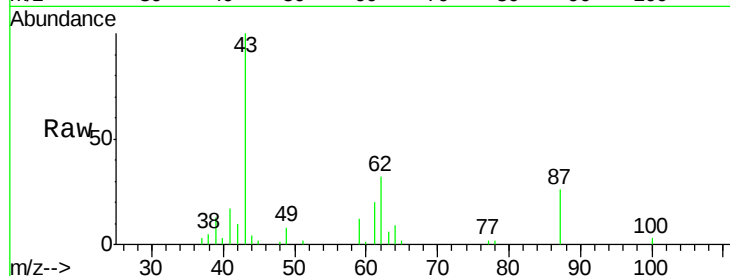
ClientSampleId :

VD1207SBS01

Tot Ion:	43	Resp:	24908
Ion	Ratio	Lower	Upper
43	100		
61	39.7	30.4	45.6
87	23.1	16.2	24.2

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#44

Trichloroethene

Concen: 21.880 ug/l

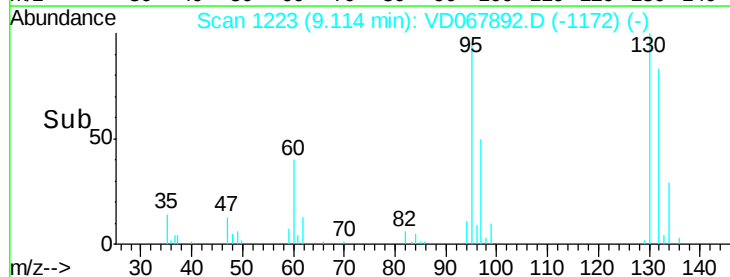
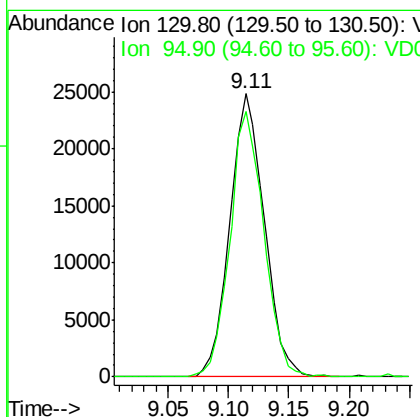
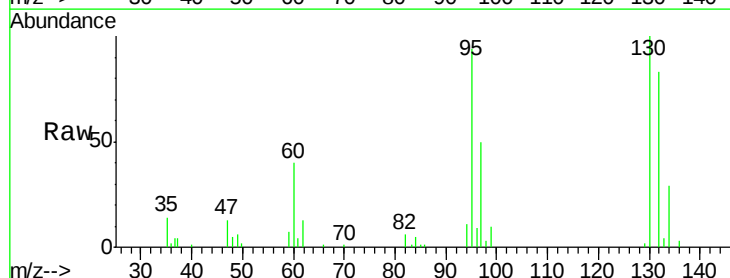
RT: 9.11 min Scan# 1223

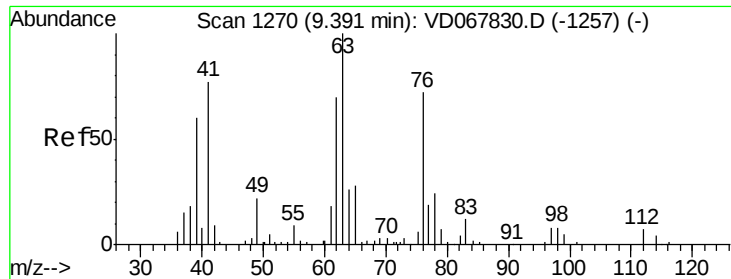
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	130	Resp:	49397
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	170.2





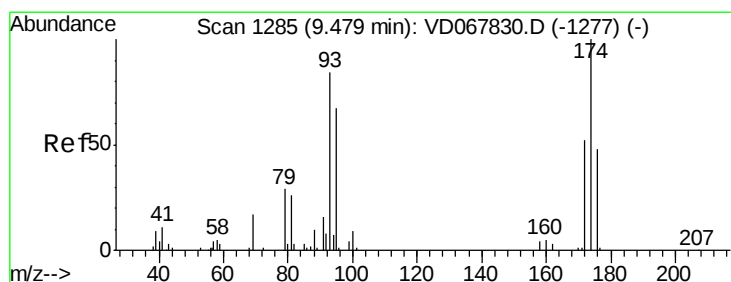
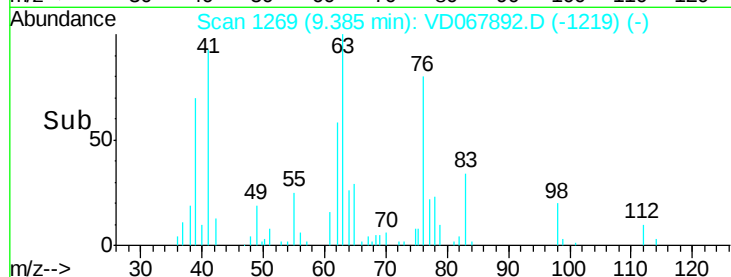
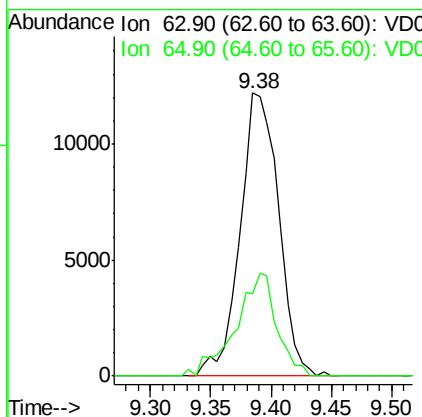
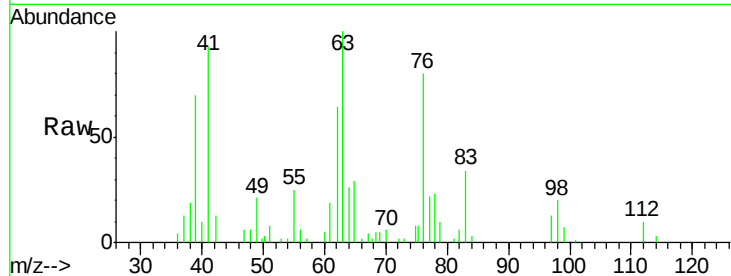
#45
 1,2-Dichloropropane
 Concen: 20.178 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Tot Ion: 63 Resp: 27195
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.8 34.2

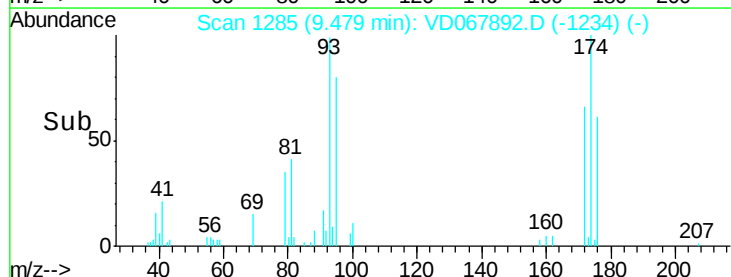
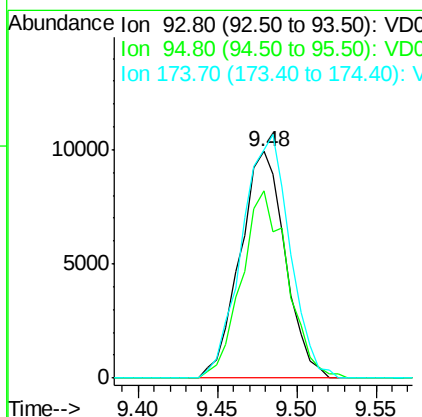
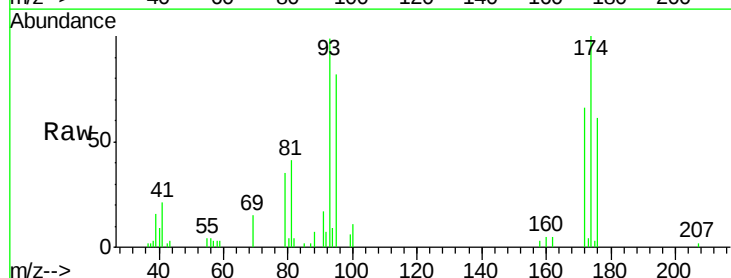
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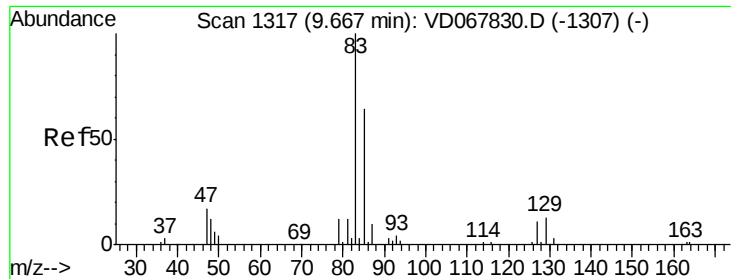
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#46
 Dibromomethane
 Concen: 20.959 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 93 Resp: 19640
 Ion Ratio Lower Upper
 93 100
 95 83.9 64.2 96.4
 174 113.9 91.5 137.3





#47

Bromodichloromethane

Concen: 21.281 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

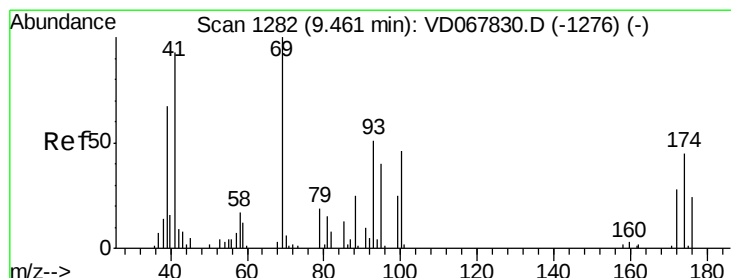
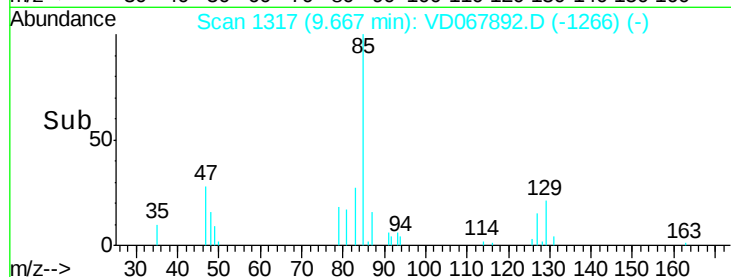
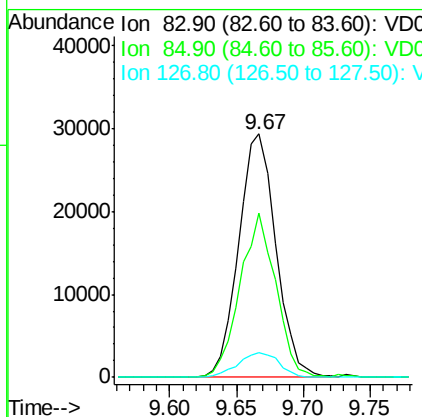
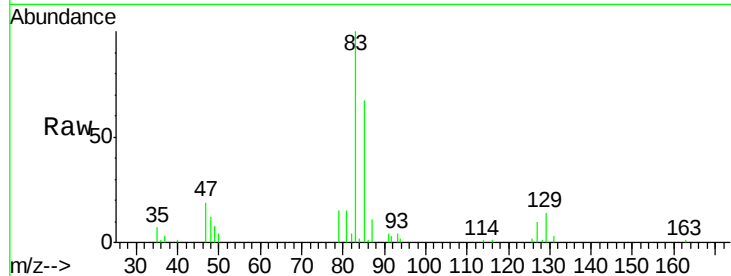
ClientSampleId :

VD1207SBS01

Tot Ion:	83	Resp:	56851
Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.4	77.0
127	10.3	8.5	12.7

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#48

Methyl methacrylate

Concen: 22.180 ug/l

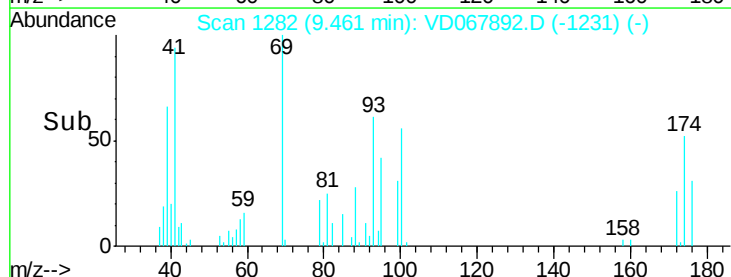
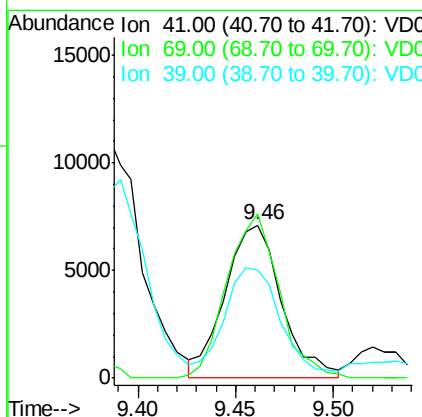
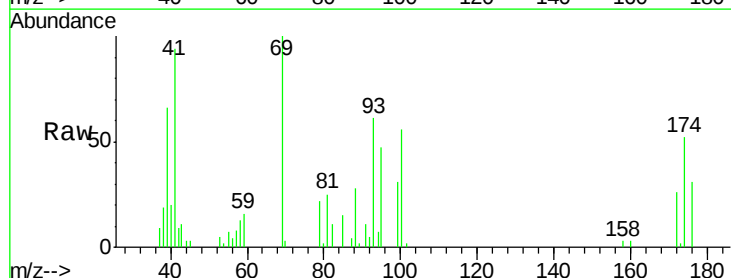
RT: 9.46 min Scan# 1282

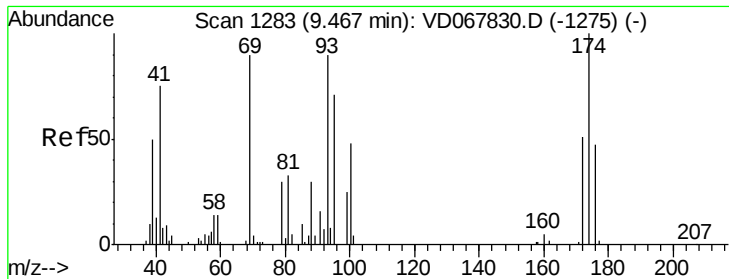
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	41	Resp:	14333
Ion	Ratio	Lower	Upper
41	100		
69	98.7	87.6	131.4
39	64.2	61.2	91.8





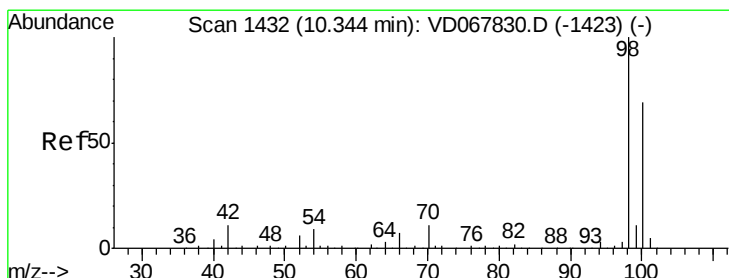
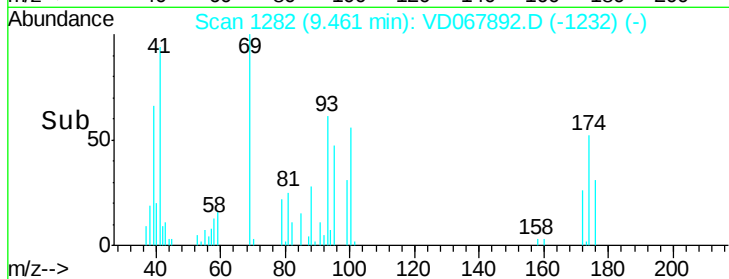
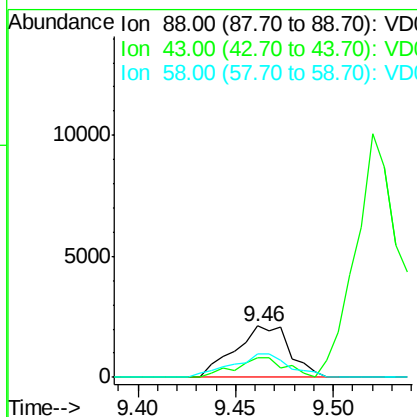
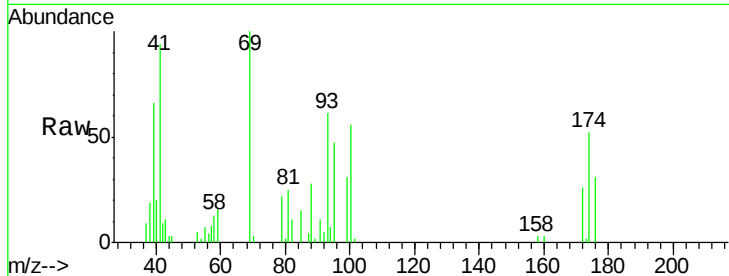
#49
 1,4-Dioxane
 Concen: 384.036 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Tot Ion	88	Resp	4112
Ion	Ratio	Lower	Upper
88	100		
43	35.4	30.1	45.1
58	47.5	42.4	63.6

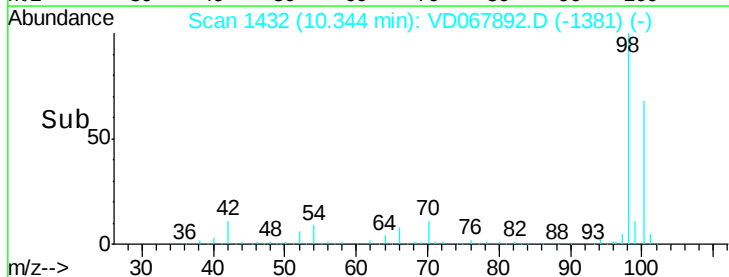
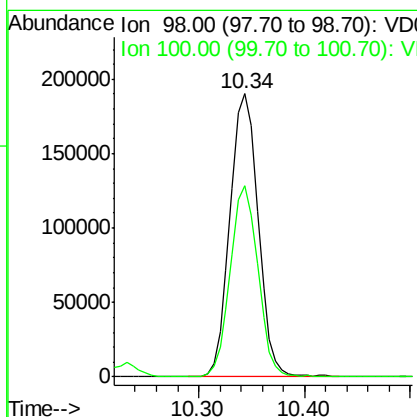
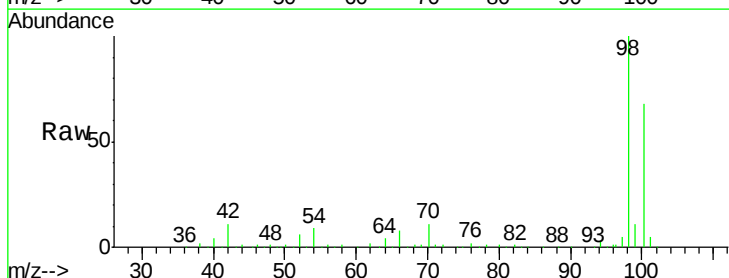
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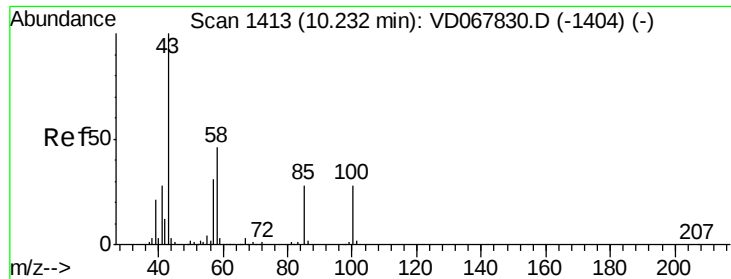
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#50
 Toluene-d8
 Concen: 52.721 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	98	Resp	352047
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 96.192 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 43 Resp: 57938

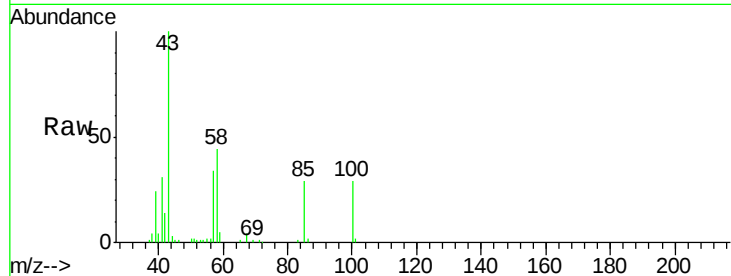
Ion Ratio Lower Upper

43 100

58 44.4 35.7 53.5

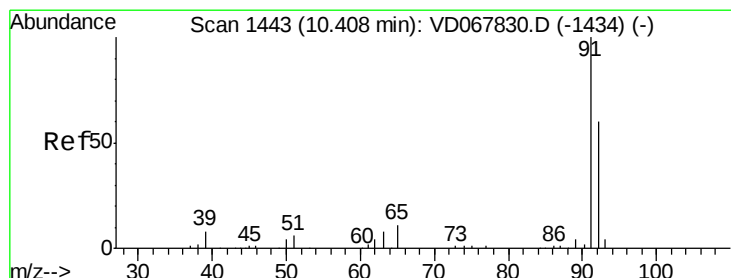
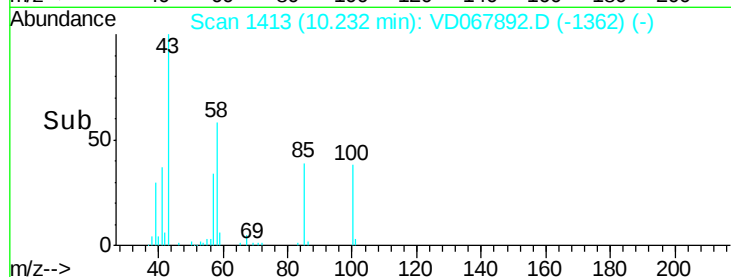
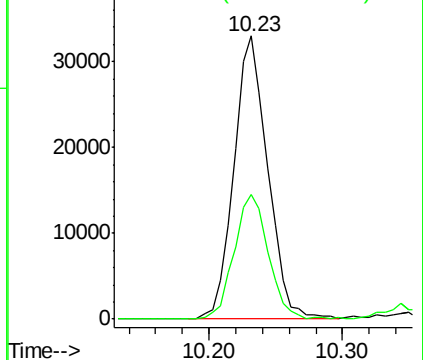
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.907 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067892.D

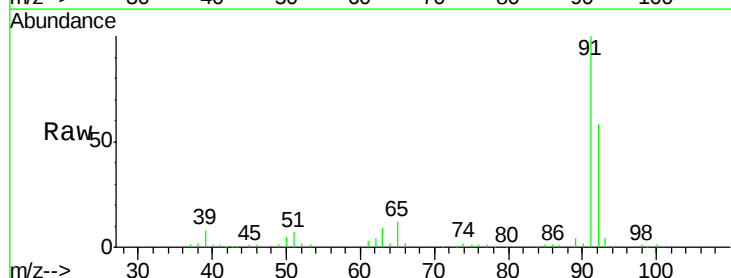
Acq: 07 Dec 2020 11:41

Tgt Ion: 92 Resp: 100574

Ion Ratio Lower Upper

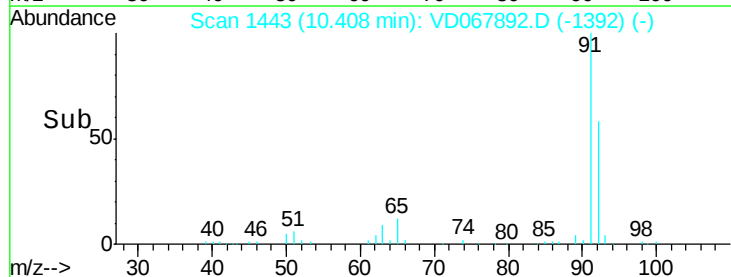
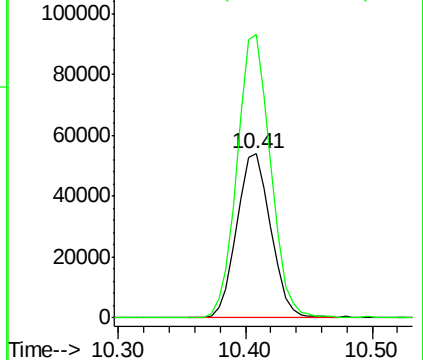
92 100

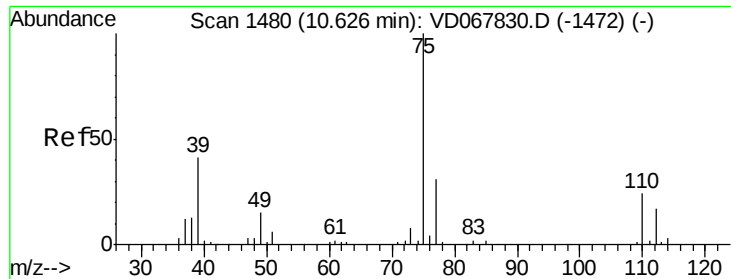
91 169.5 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





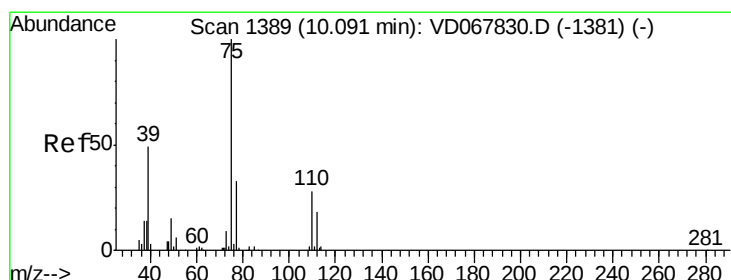
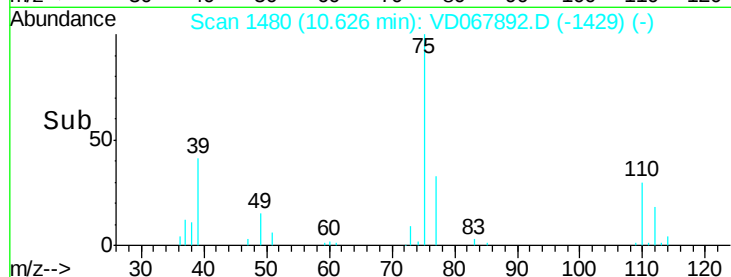
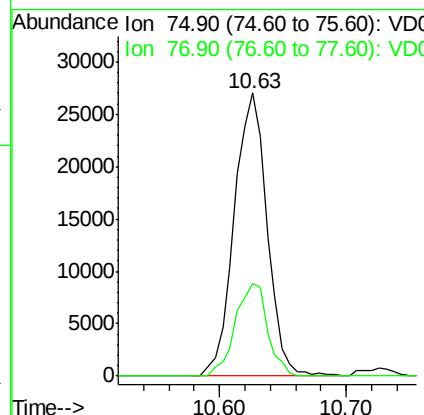
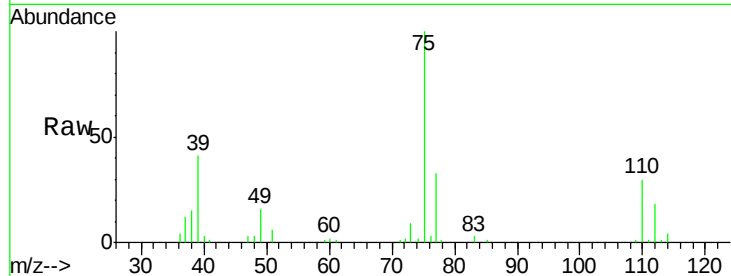
#53
t-1,3-Dichloropropene
Concen: 21.021 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4

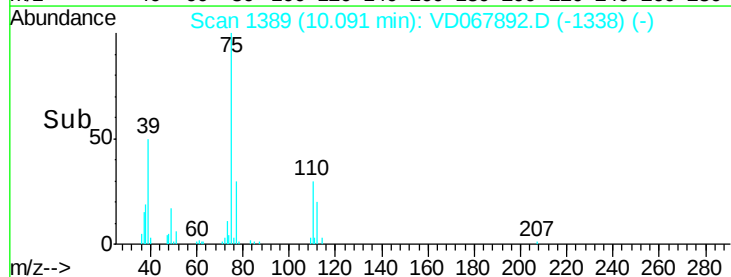
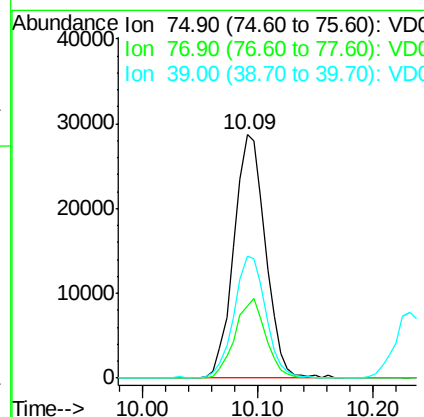
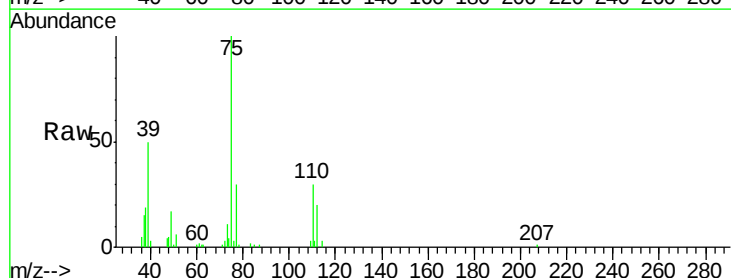
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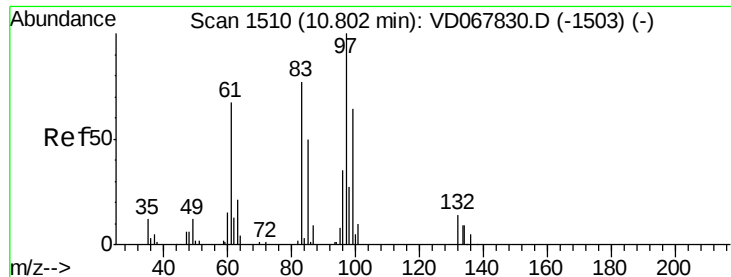
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#54
cis-1,3-Dichloropropene
Concen: 21.742 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.2	39.2
39	50.2	39.0	58.4





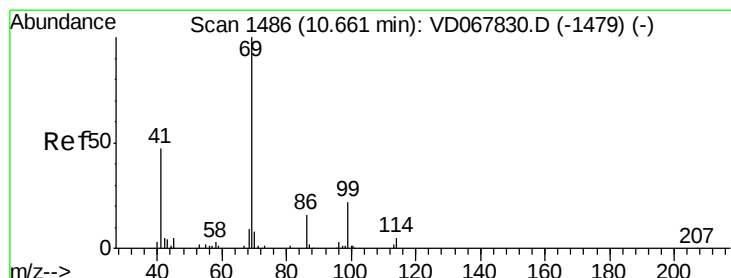
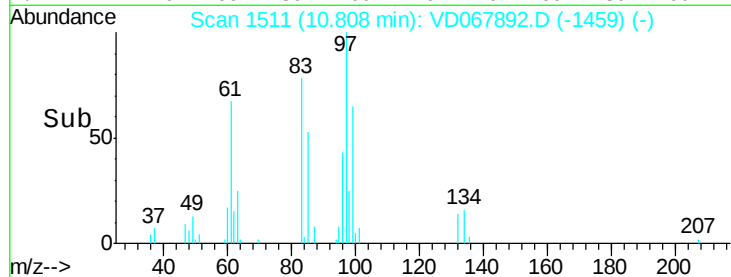
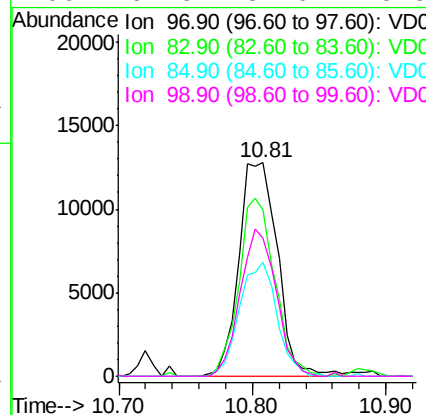
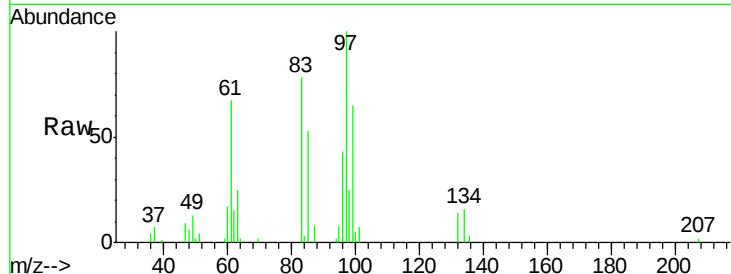
#55
 1,1,2-Trichloroethane
 Concen: 20.010 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		25660		
83	78.1	61.9	92.9		
85	53.3	40.2	60.4		
99	64.6	51.0	76.6		

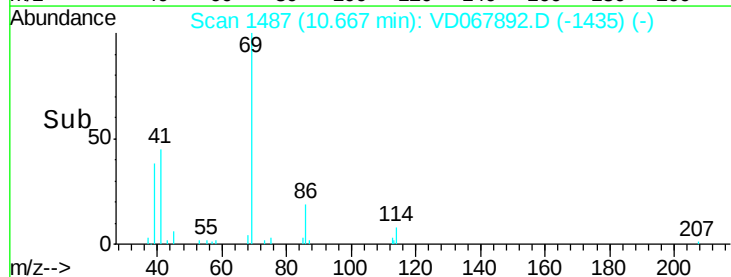
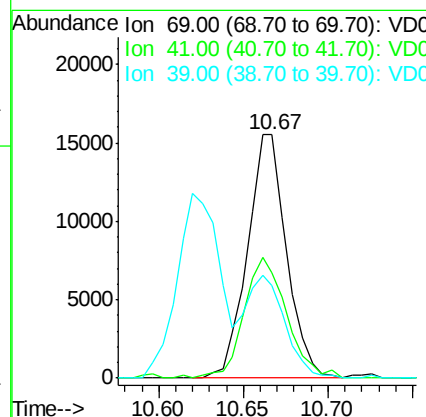
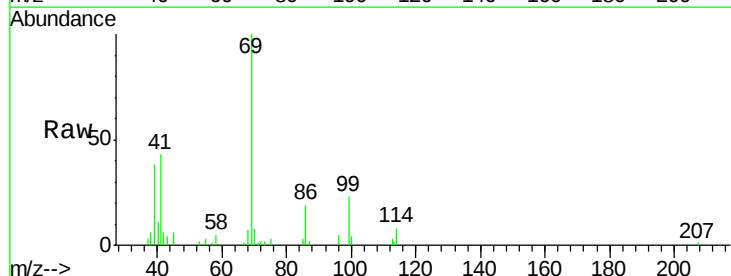
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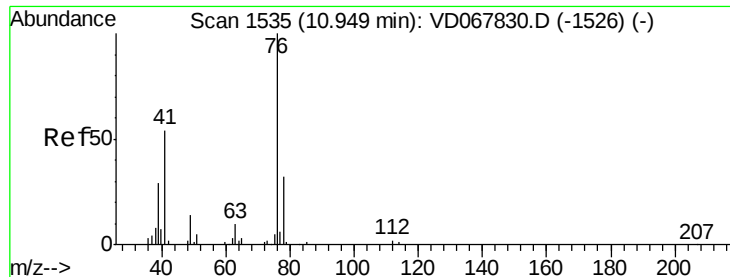
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#56
 Ethyl methacrylate
 Concen: 19.182 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		25027		
41	53.6	42.8	64.2		
39	42.8	30.5	45.7		





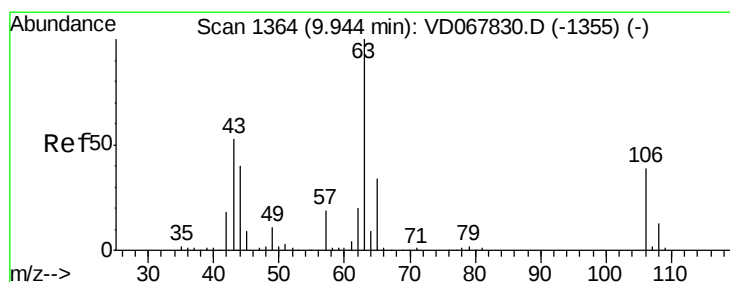
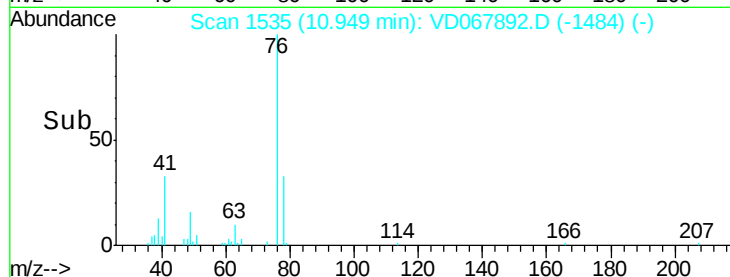
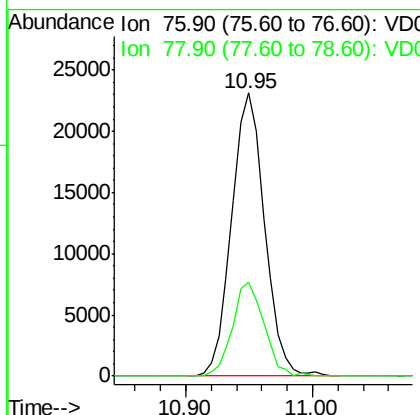
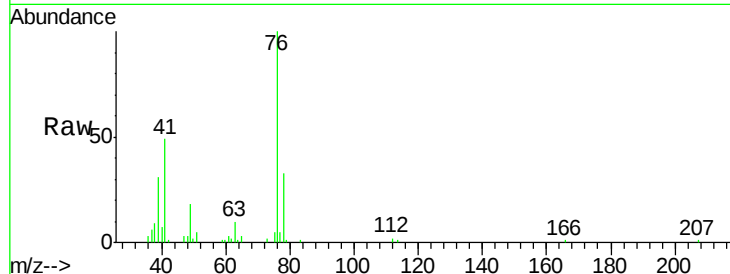
#57
 1,3-Dichloropropane
 Concen: 20.505 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Tot Ion: 76 Resp: 41653
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.6 39.8

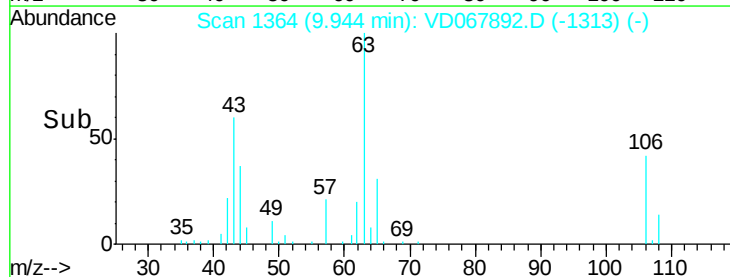
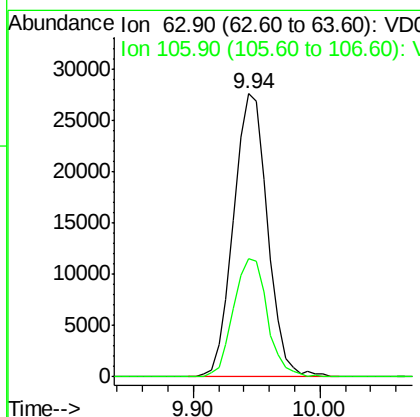
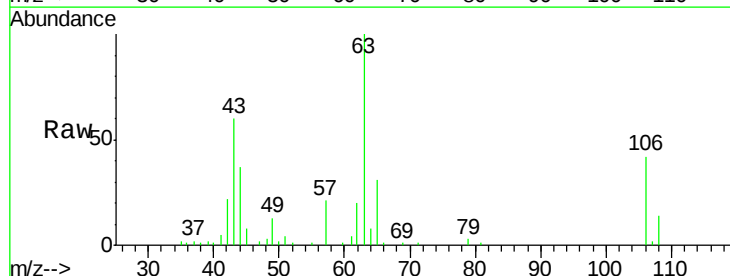
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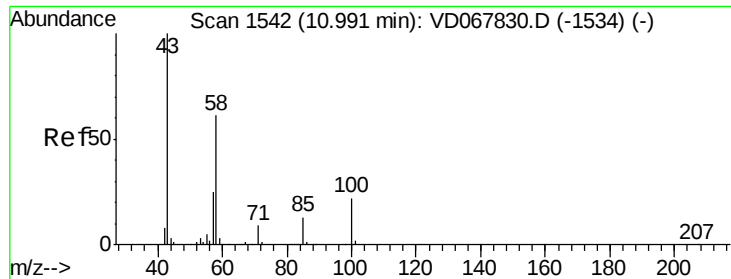
MMDadoda
 12/8/2020 5:05:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.224 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 63 Resp: 51192
 Ion Ratio Lower Upper
 63 100
 106 41.7 32.0 48.0





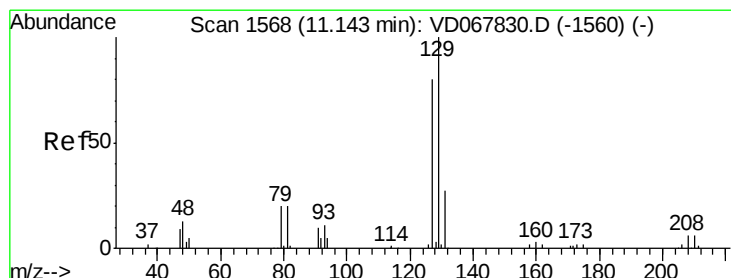
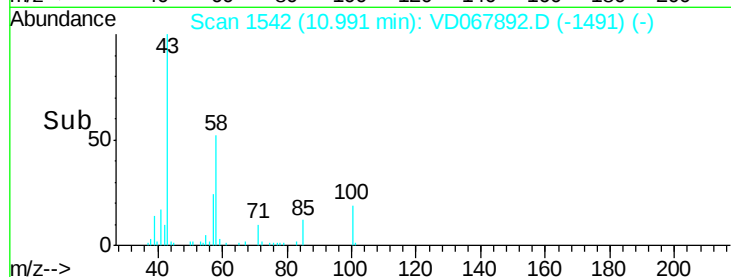
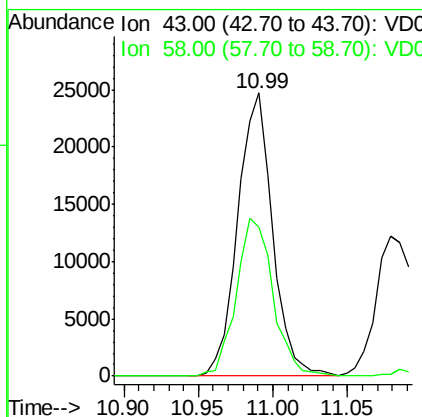
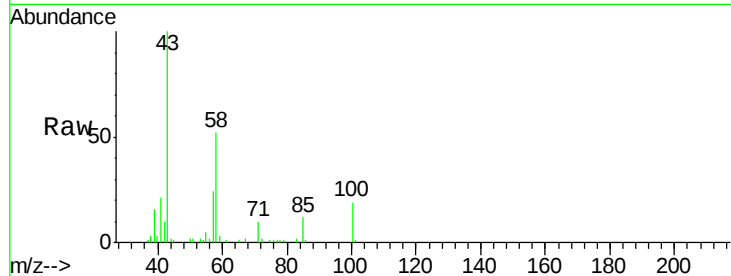
#59
2-Hexanone
Concen: 94.345 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion: 43 Resp: 40059
Ion Ratio Lower Upper
43 100
58 58.8 29.9 89.7

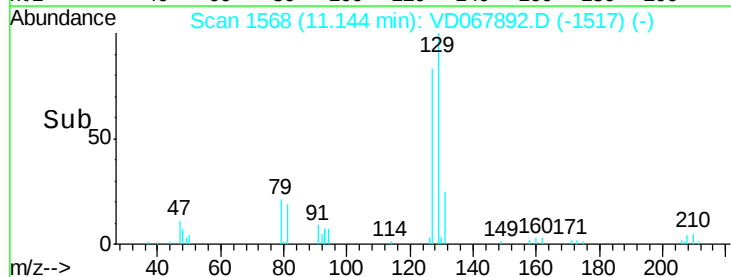
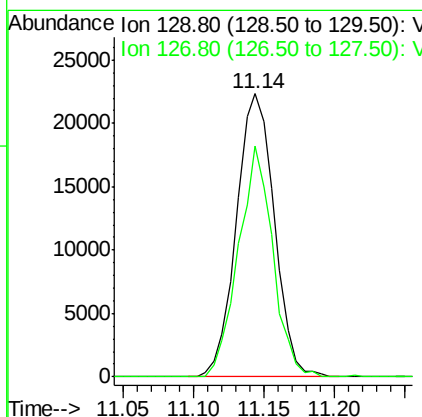
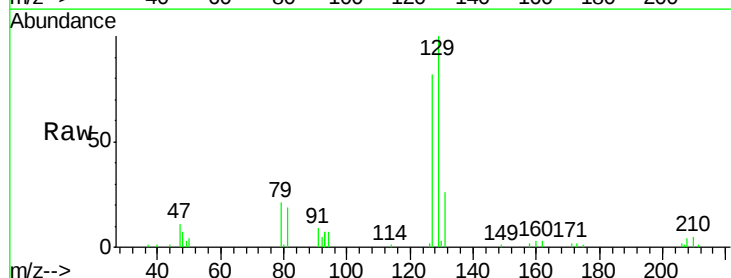
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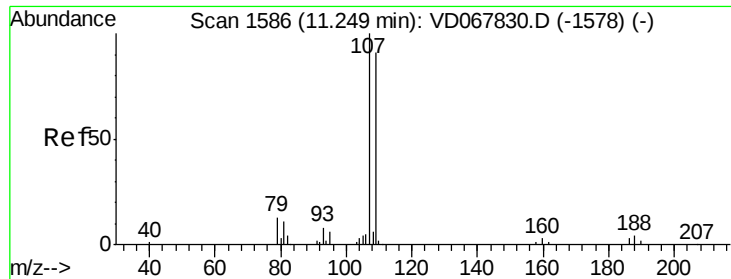
MMDadoda
12/8/2020 5:05:43 PM



#60
Dibromochloromethane
Concen: 21.705 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 129 Resp: 41957
Ion Ratio Lower Upper
129 100
127 74.0 39.2 117.6





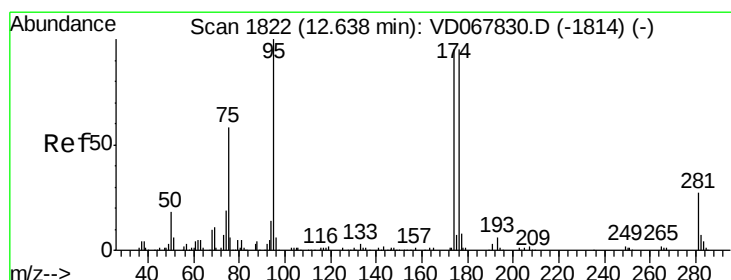
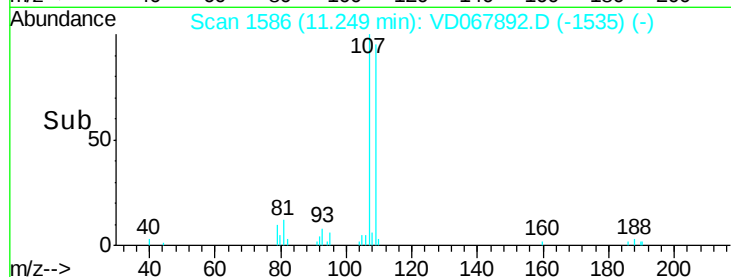
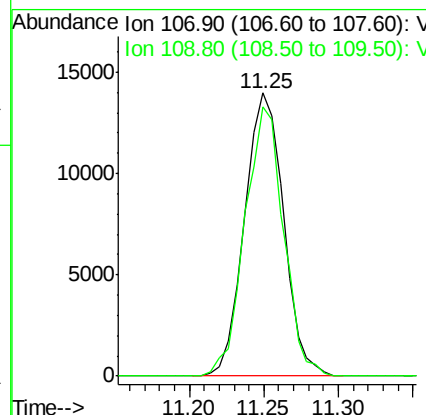
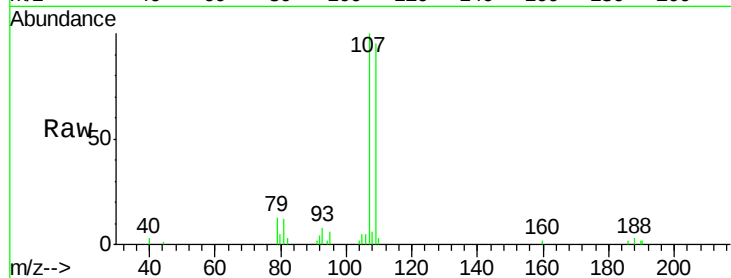
#61
 1,2-Dibromoethane
 Concen: 20.067 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBSD01

Tot Ion: 107 Resp: 25306
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9

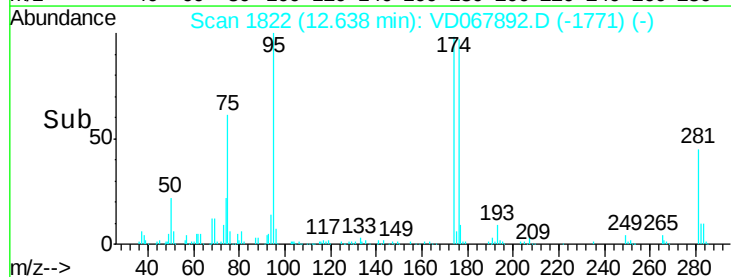
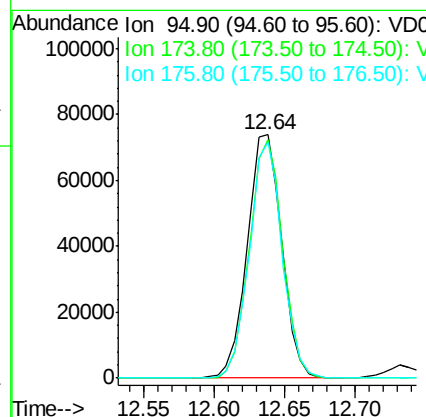
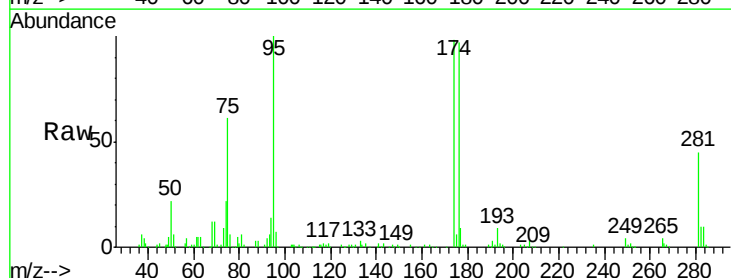
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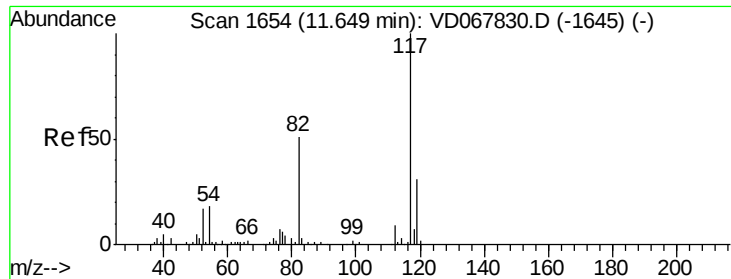
MMDadoda
 12/8/2020 5:05:43 PM



#62
 4-Bromofluorobenzene
 Concen: 54.829 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion: 95 Resp: 126577
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 186.0
 176 92.4 0.0 184.2





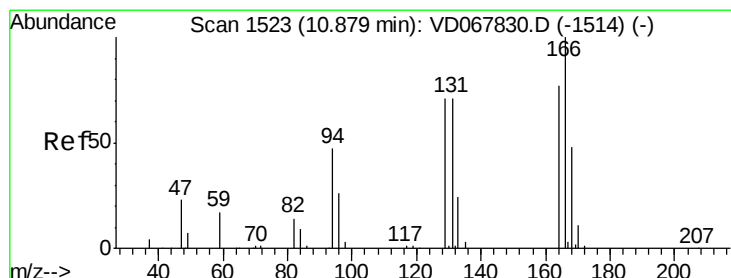
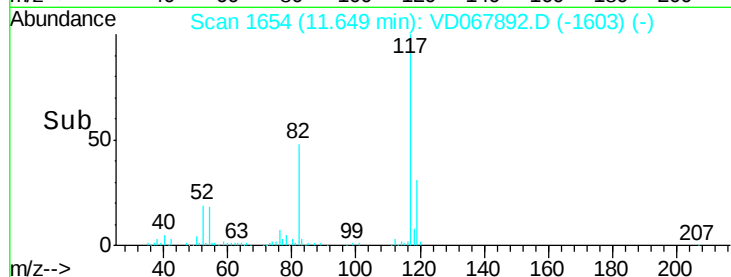
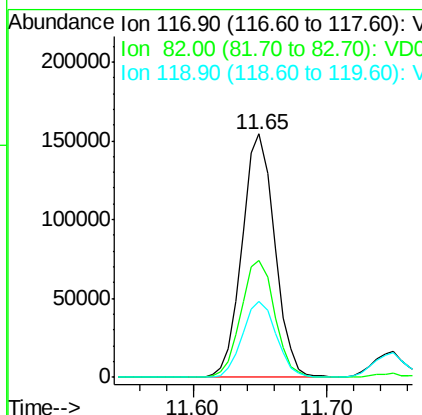
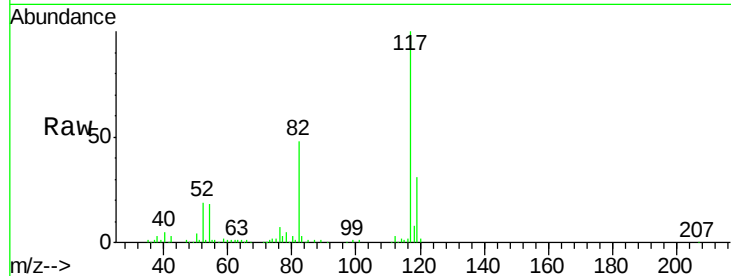
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	40.6	60.8
119	31.0	25.1	37.7

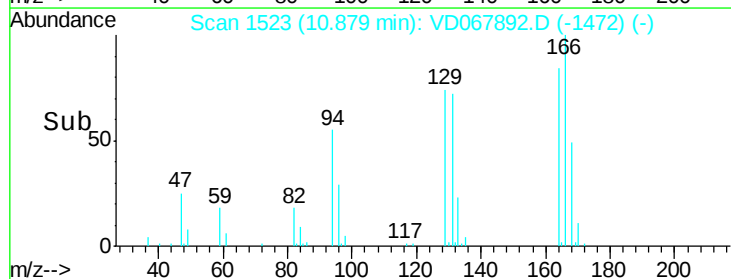
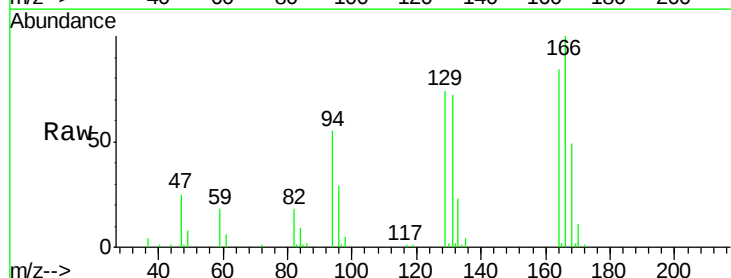
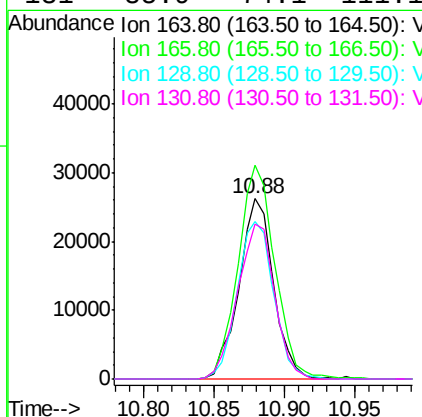
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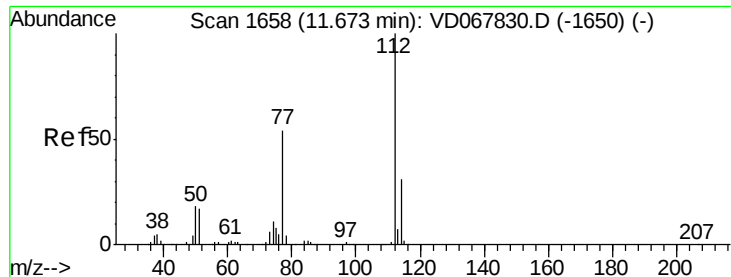
MMDadoda
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#64
Tetrachloroethene
Concen: 21.159 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.6	103.8	155.6
129	87.4	73.3	109.9
131	85.9	74.1	111.1





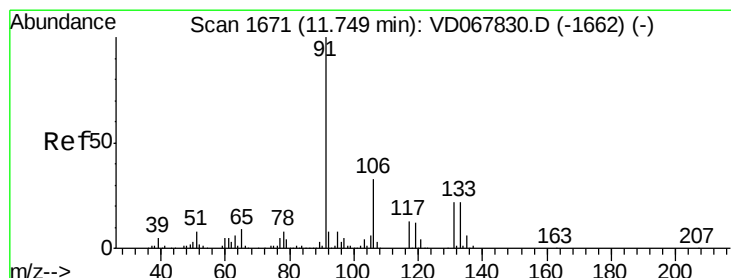
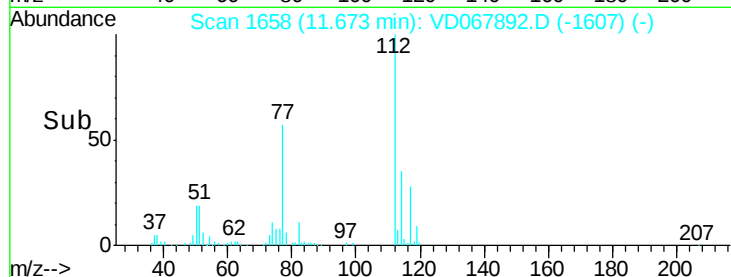
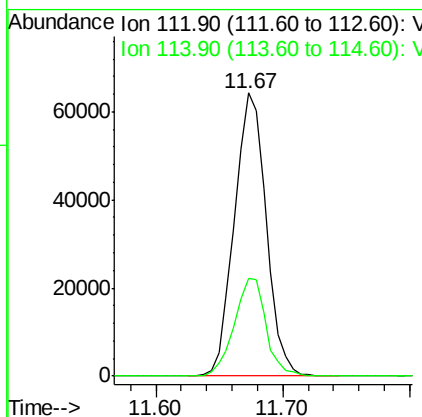
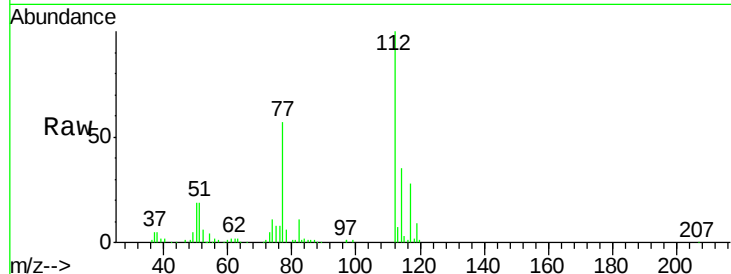
#65
Chlorobenzene
Concen: 20.698 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.8	25.0	37.4

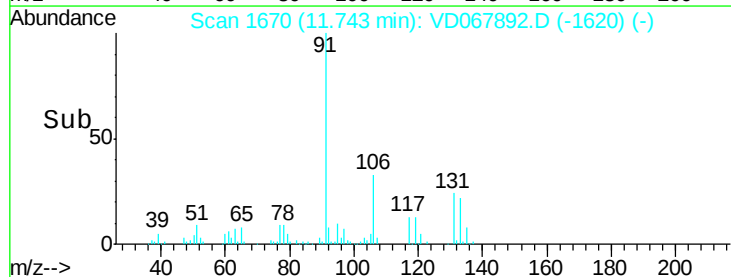
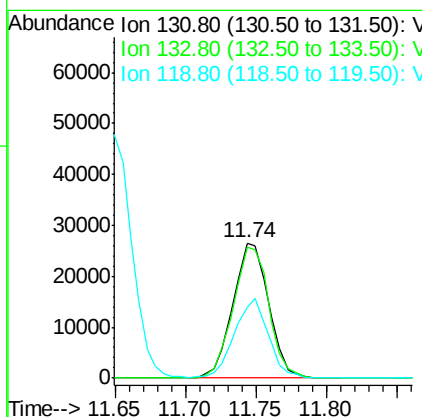
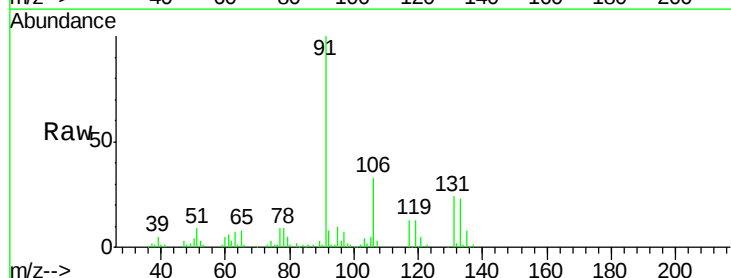
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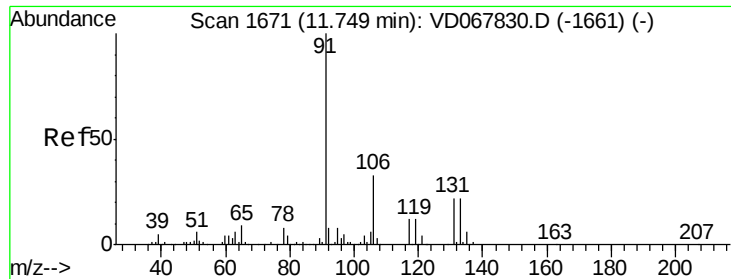
MMDadoda
12/8/2020 5:05:43 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.349 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	49.9	149.7
119	55.8	29.6	88.9





#67

Ethyl Benzene

Concen: 21.674 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 91 Resp: 199192

Ion Ratio Lower Upper

91 100

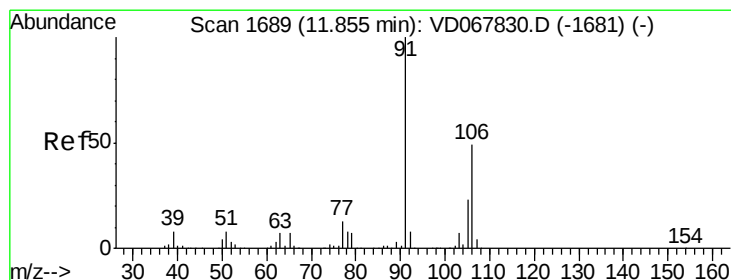
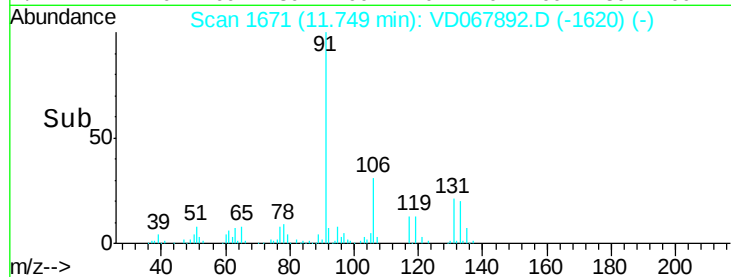
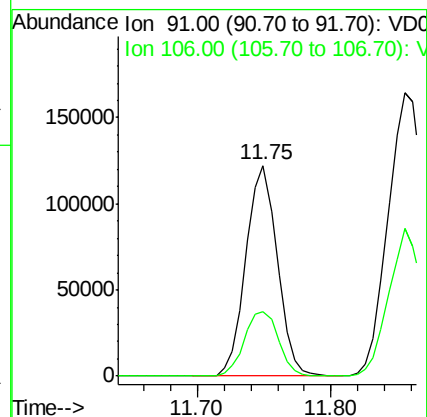
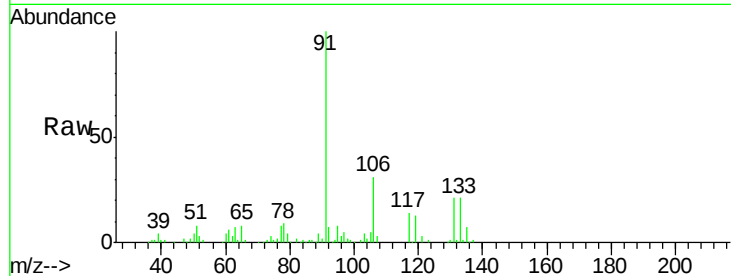
106 30.9 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 43.212 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067892.D

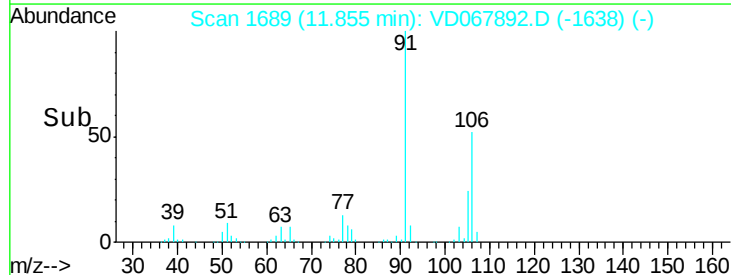
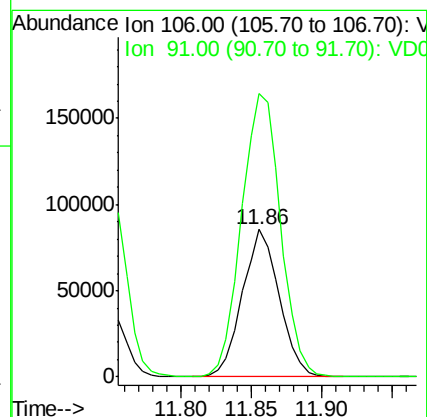
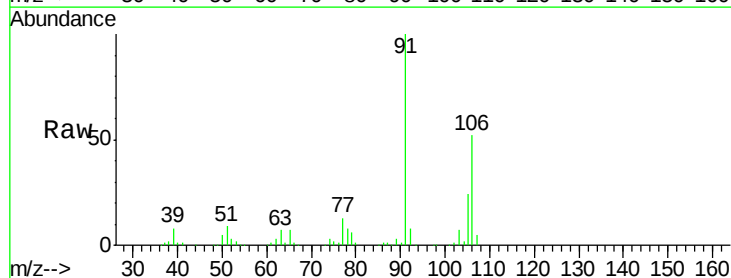
Acq: 07 Dec 2020 11:41

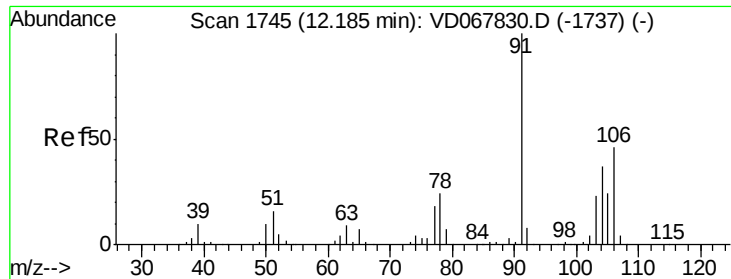
Tgt Ion: 106 Resp: 156596

Ion Ratio Lower Upper

106 100

91 203.3 162.8 244.2





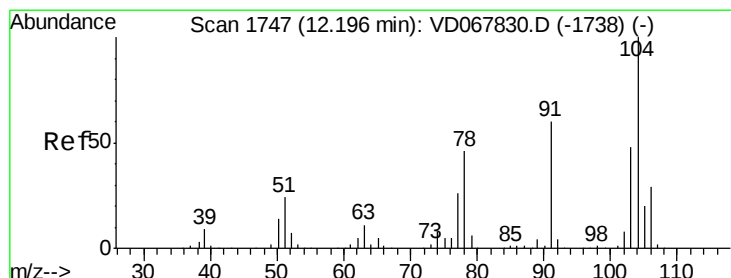
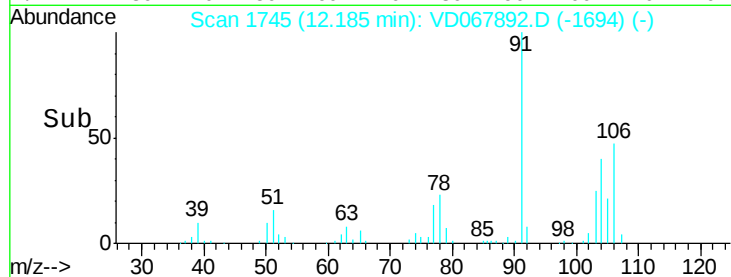
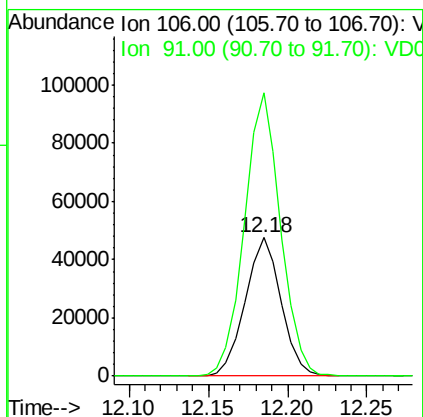
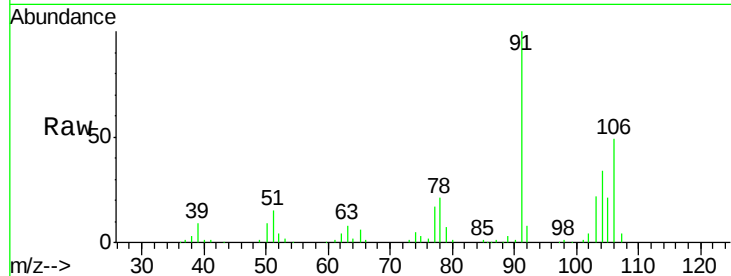
#69
o-Xylene
Concen: 23.186 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion:106 Resp: 74593
Ion Ratio Lower Upper
106 100
91 206.3 107.5 322.5

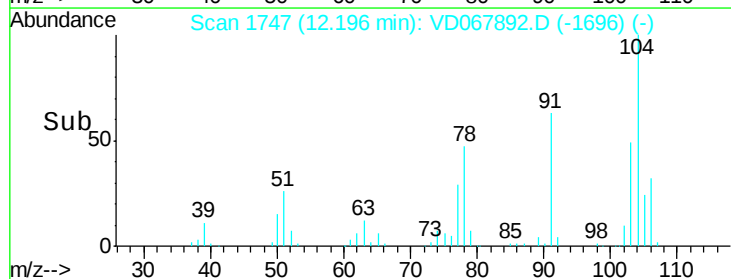
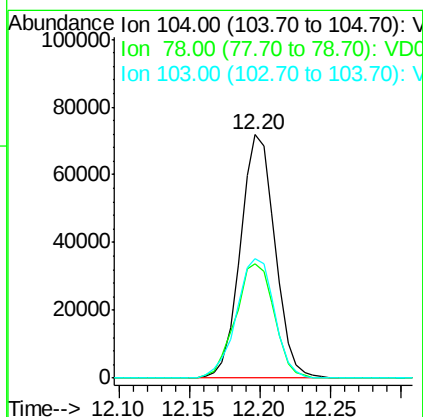
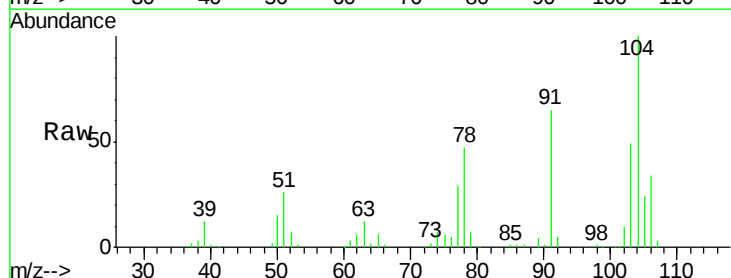
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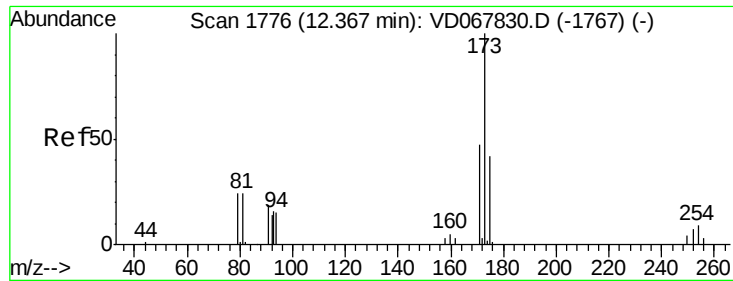
MMDadoda
12/8/2020 5:05:43 PM



#70
Styrene
Concen: 22.000 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion:104 Resp: 123075
Ion Ratio Lower Upper
104 100
78 52.5 41.6 62.4
103 54.0 43.2 64.8





#71

Bromoform

Concen: 20.853 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

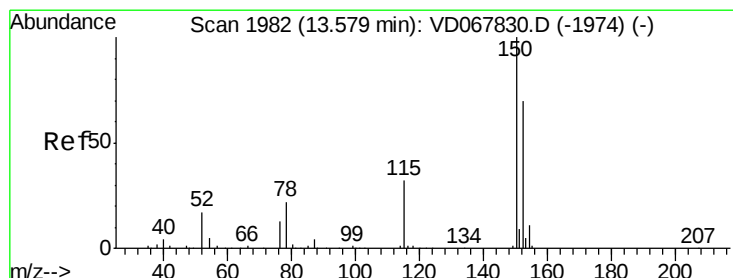
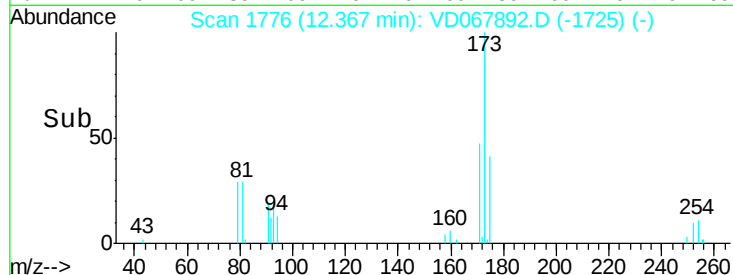
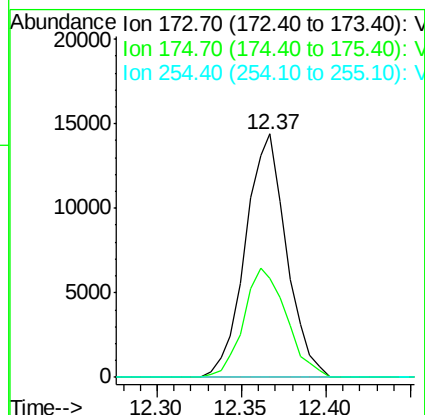
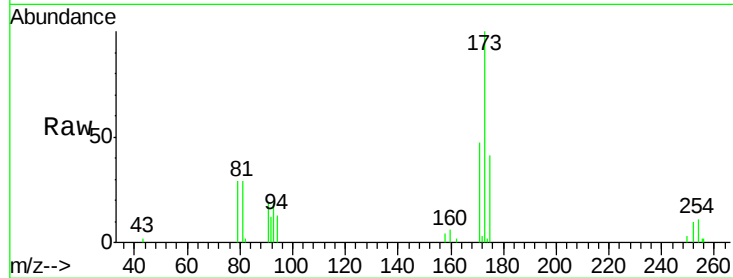
ClientSampleId :

VD1207SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.4	70.3
254	0.0	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

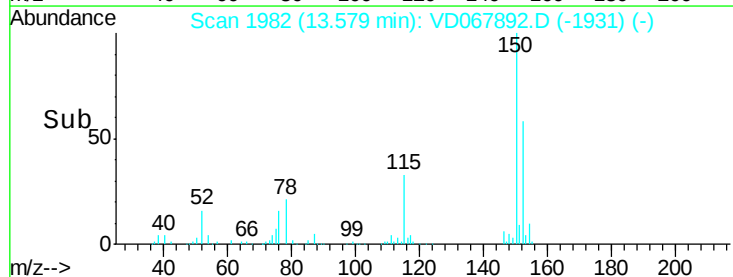
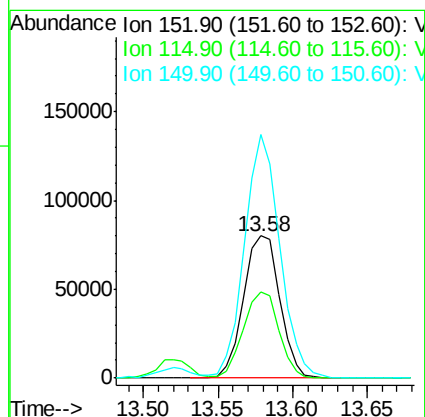
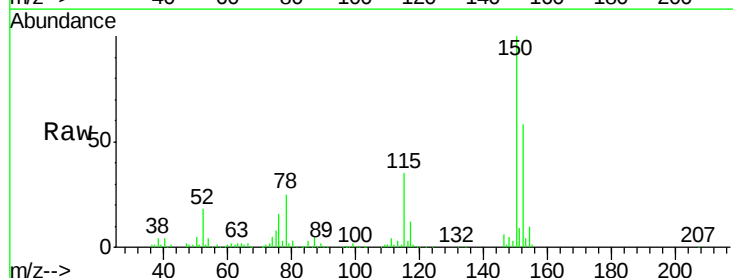
RT: 13.58 min Scan# 1982

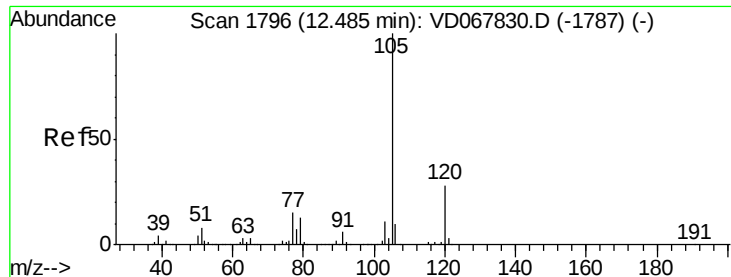
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.1	87.4
150	166.3	0.0	339.0





#73

Isopropylbenzene

Concen: 21.481 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion: 105 Resp: 198908

Ion Ratio Lower Upper

105 100

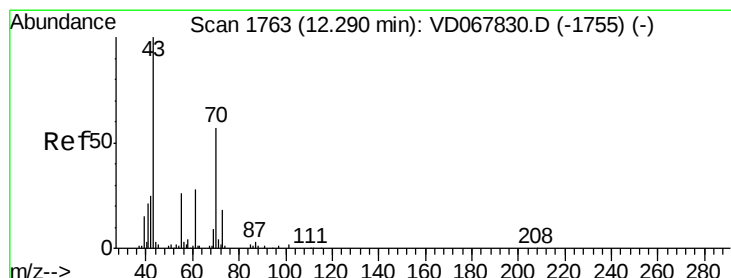
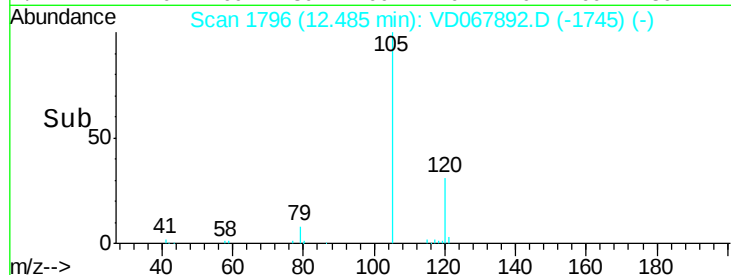
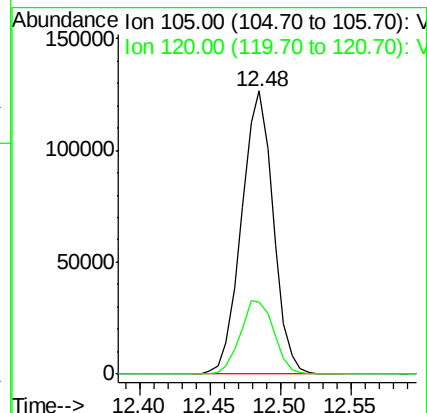
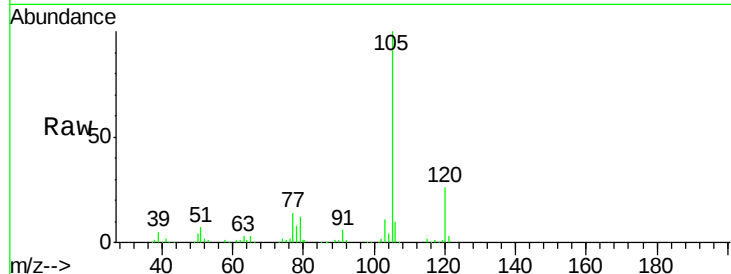
120 27.7 13.9 41.6

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#74

N-ethyl acetate

Concen: 19.563 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion: 43 Resp: 22408

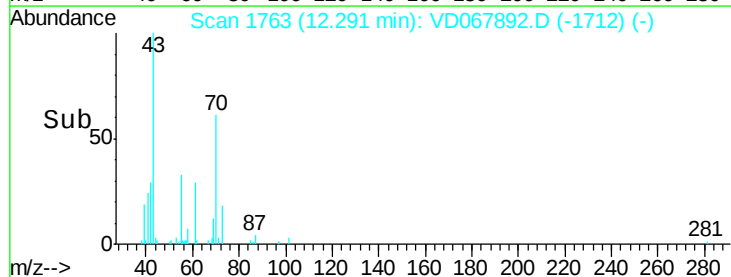
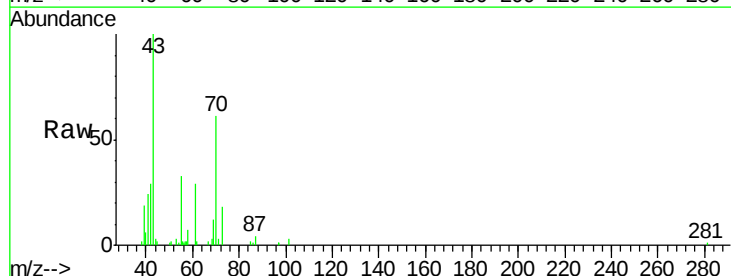
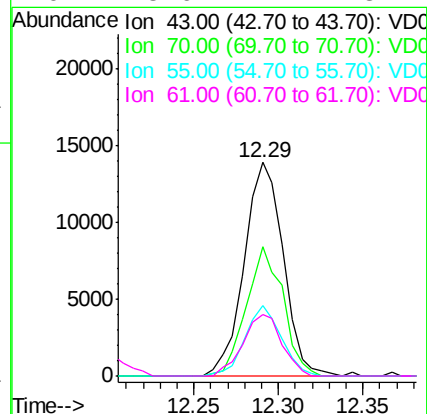
Ion Ratio Lower Upper

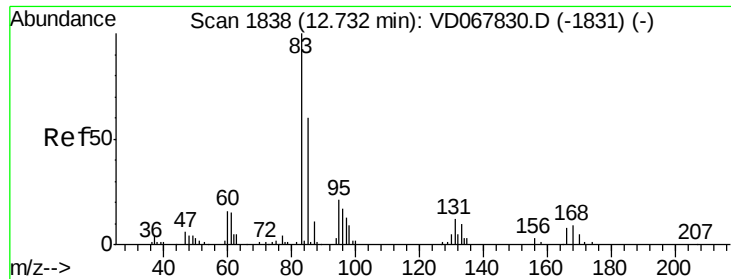
43 100

70 56.7 44.6 66.8

55 30.5 22.2 33.2

61 28.6 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.666 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

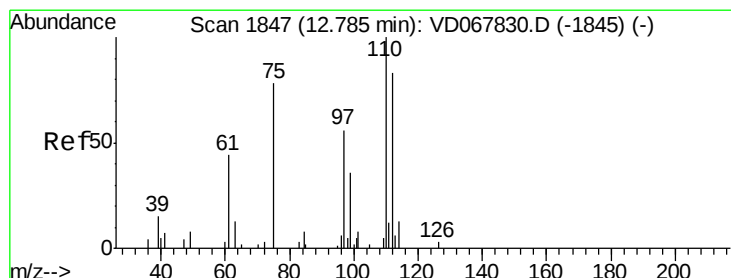
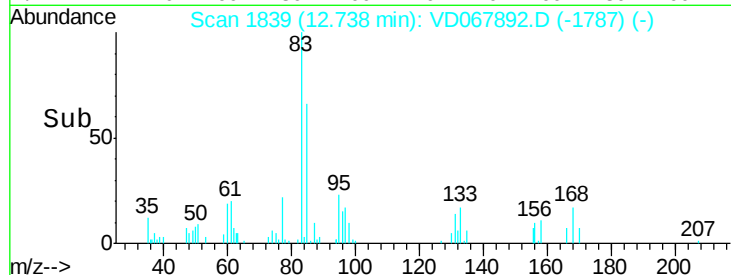
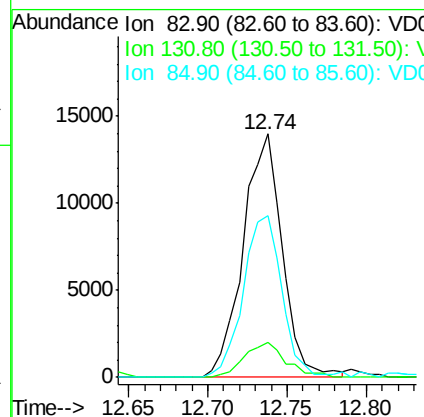
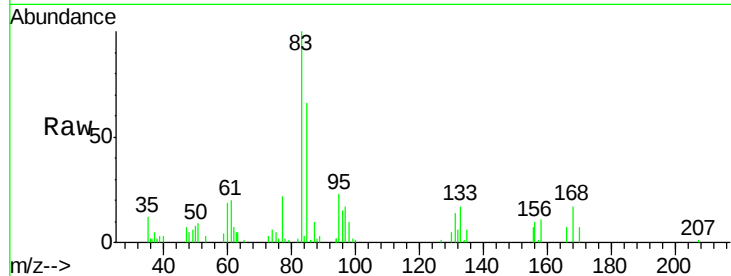
ClientSampleId :

VD1207SBS01

Tot Ion:	83	Resp:	24042
Ion Ratio	Lower	Upper	
83	100		
131	15.3	8.0	24.0
85	65.3	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 23.599 ug/l m

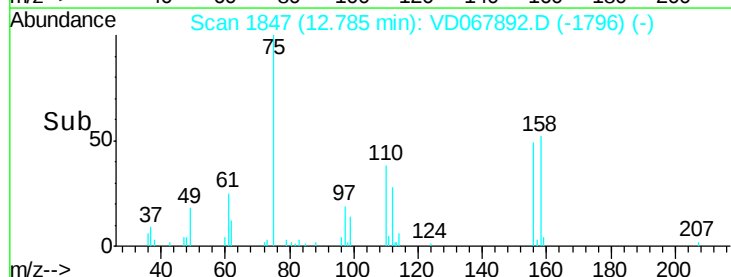
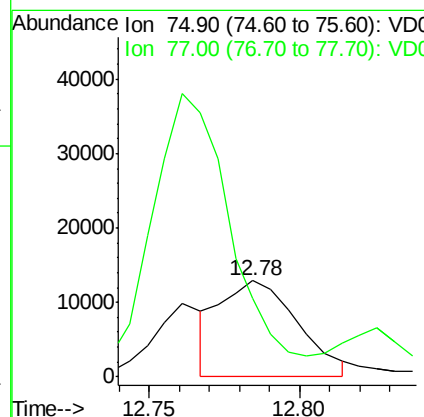
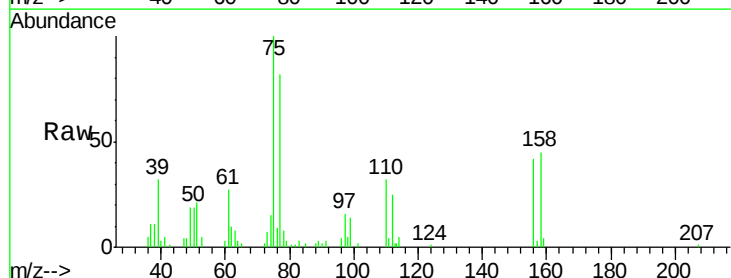
RT: 12.78 min Scan# 1847

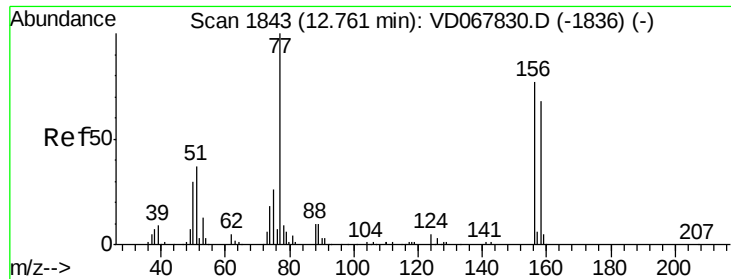
Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Tgt Ion:	75	Resp:	23140
Ion Ratio	Lower	Upper	
75	100		
77	0.0	175.9	527.7#





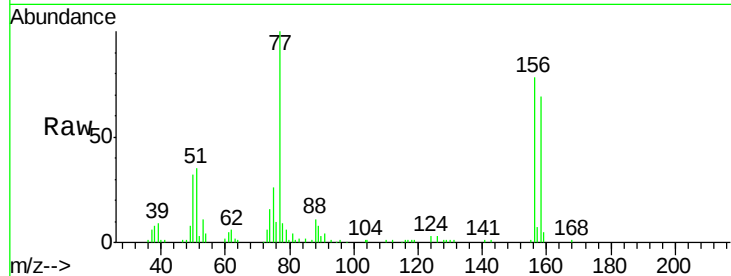
#77
Bromobenzene
Concen: 21.829 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

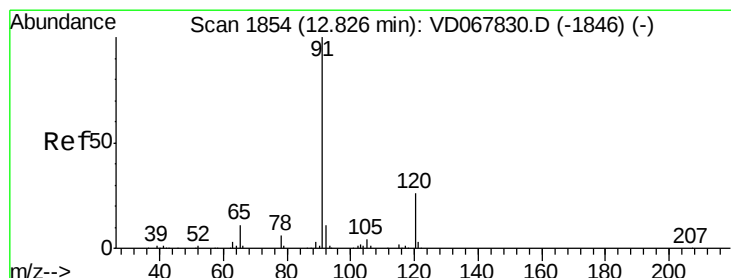
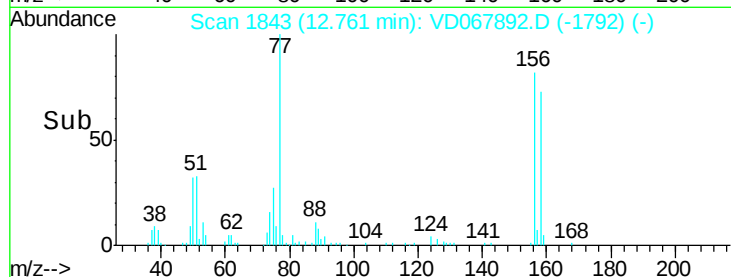
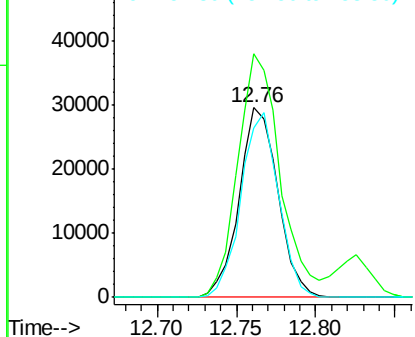
Tot Ion	Ratio	Lower	Upper
156	100		
77	140.8	71.5	214.5
158	94.3	47.1	141.4

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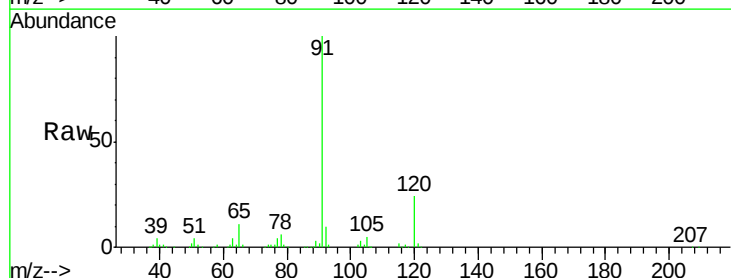


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

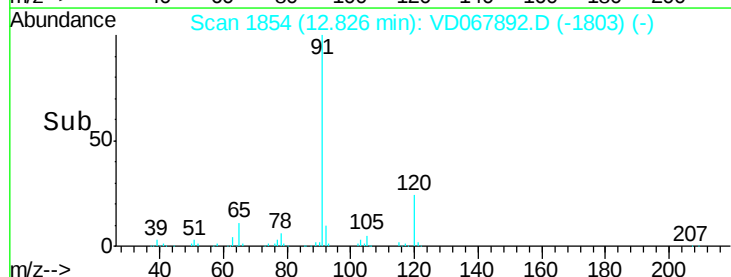
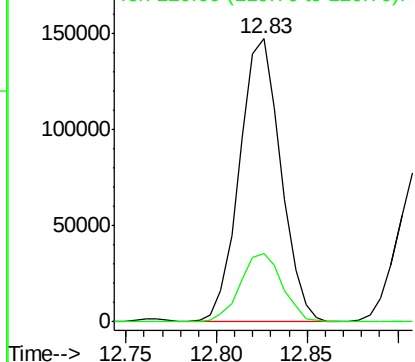


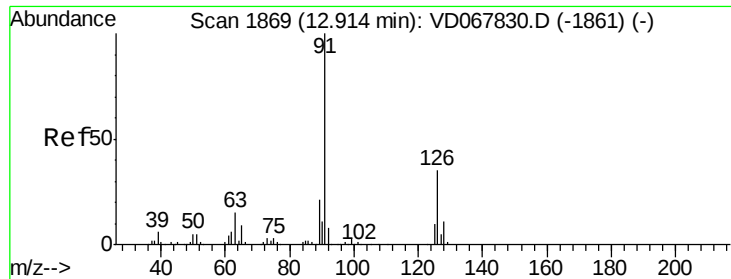
#78
n-propylbenzene
Concen: 22.666 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.7	38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





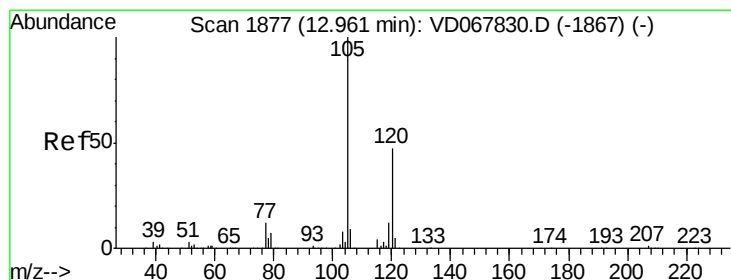
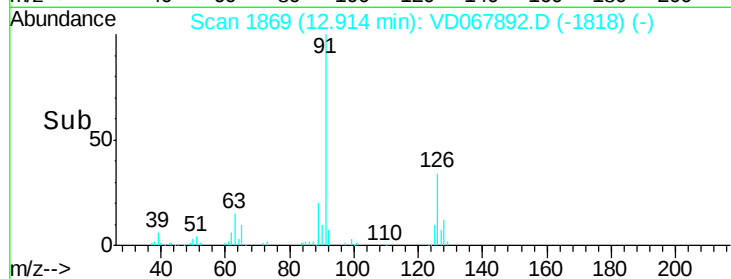
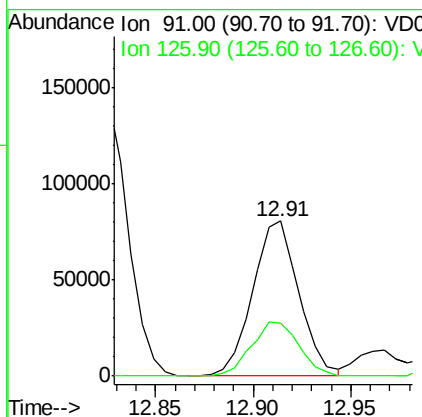
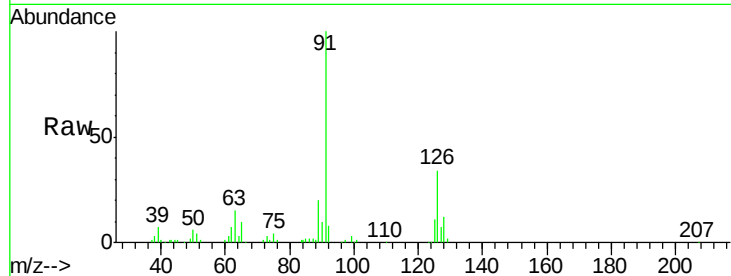
#79
2-Chlorotoluene
Concen: 21.886 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion: 91 Resp: 132141
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.7

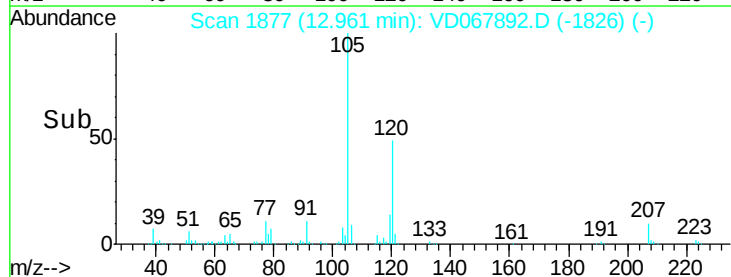
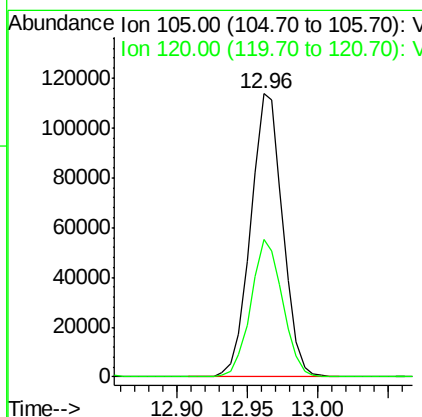
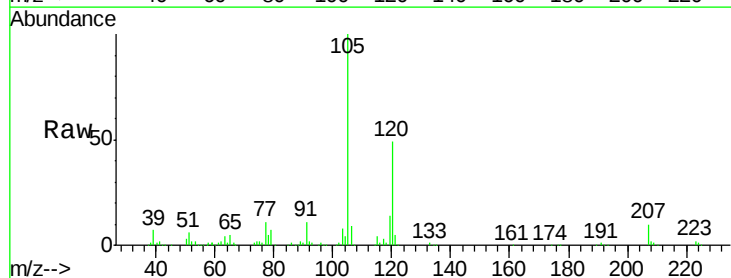
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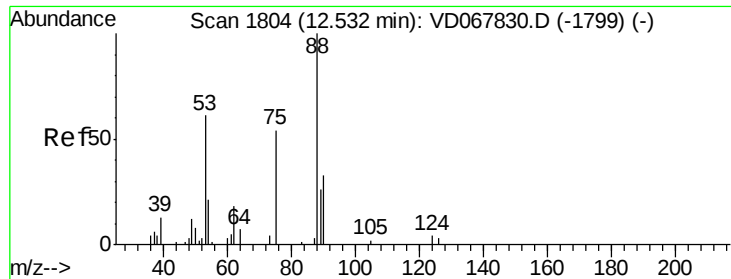
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#80
1,3,5-Trimethylbenzene
Concen: 22.612 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion: 105 Resp: 181282
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





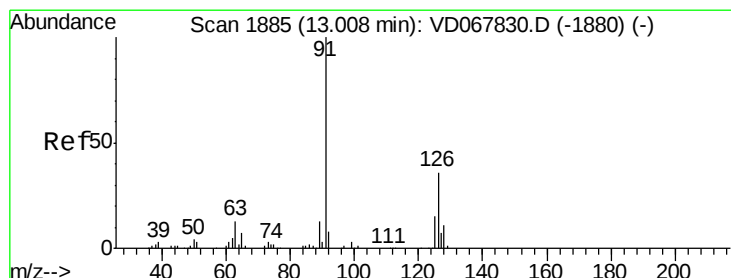
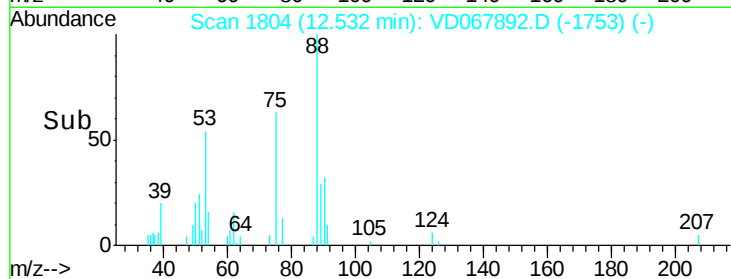
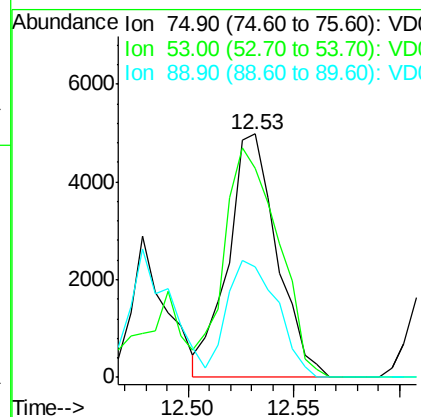
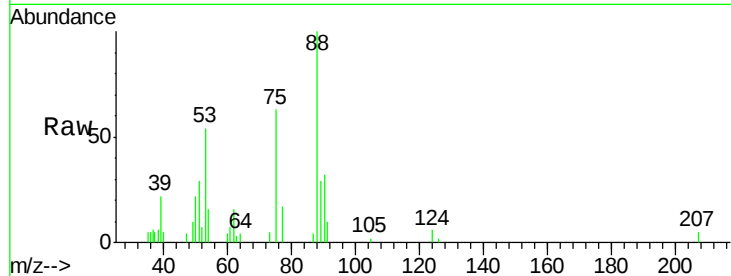
#81
trans-1,4-Dichloro-2-butene
Concen: 19.416 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.4	84.6	127.0
89	49.7	41.0	61.6

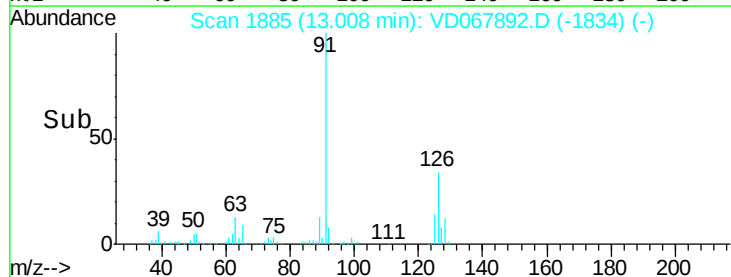
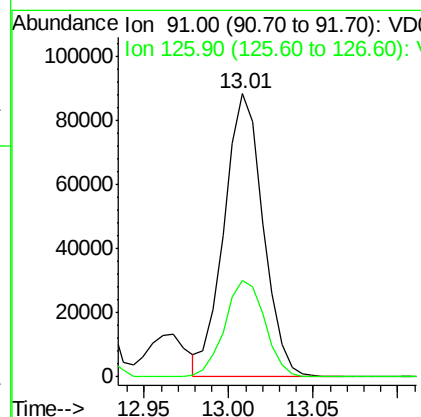
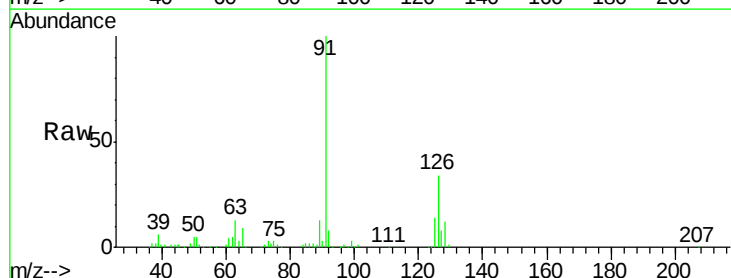
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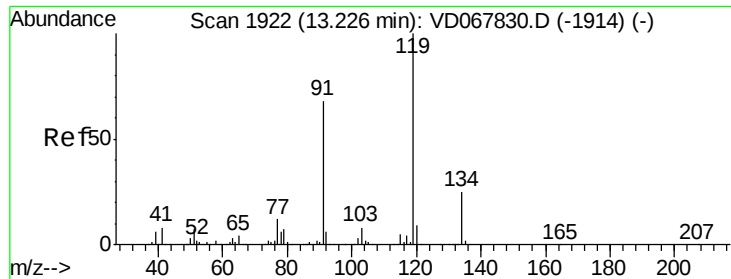
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#82
4-Chlorotoluene
Concen: 21.960 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.4





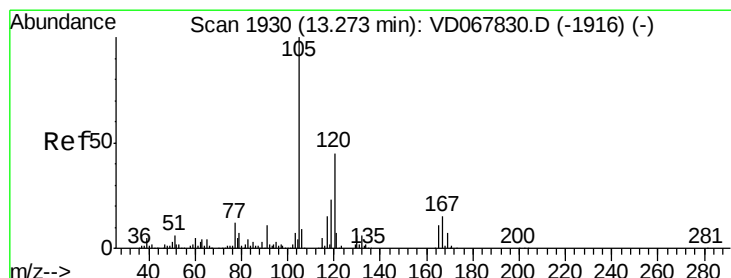
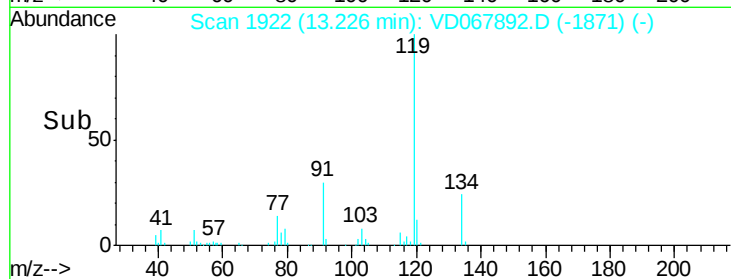
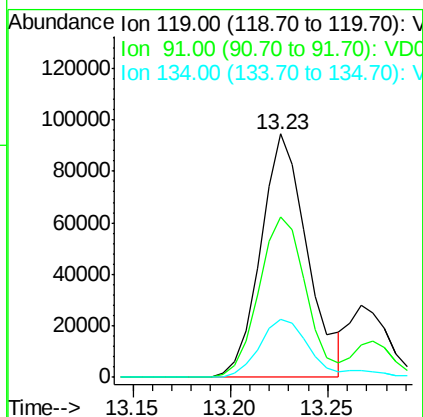
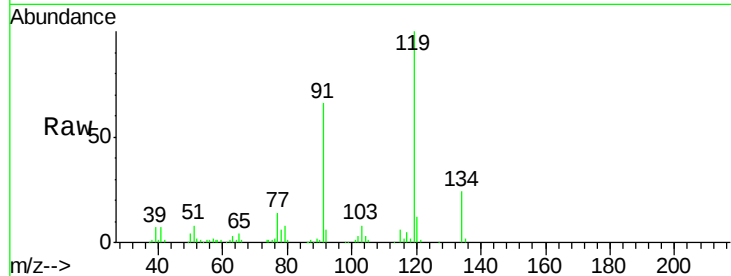
#83
tert-Butylbenzene
Concen: 22.904 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	156258		
91	66.6		33.1	99.3
134	26.9		13.6	40.8

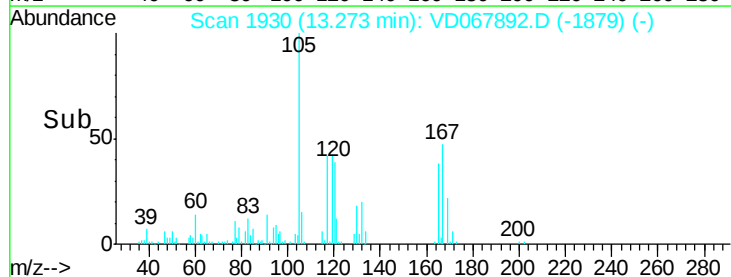
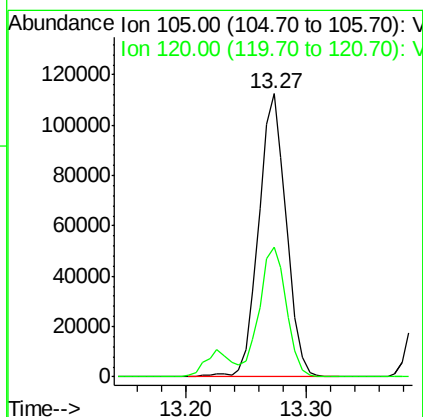
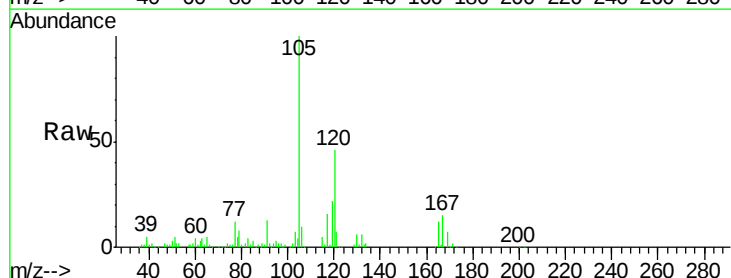
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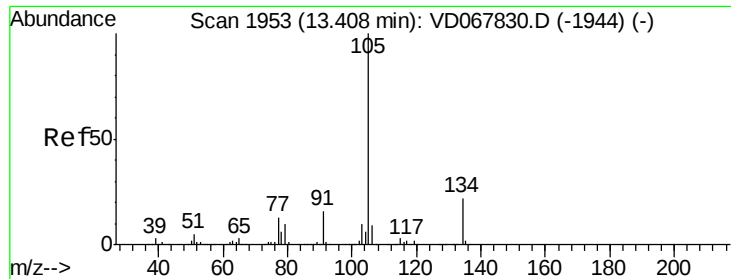
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#84
1,2,4-Trimethylbenzene
Concen: 22.417 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	178716		
120	45.2		22.1	66.5





#85

sec-Butylbenzene

Concen: 21.863 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBS01

Tot Ion:105 Resp: 199076

Ion Ratio Lower Upper

105 100

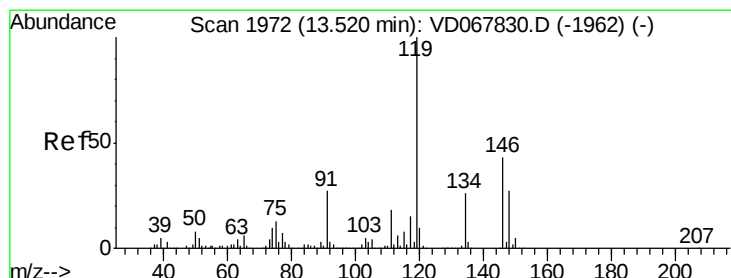
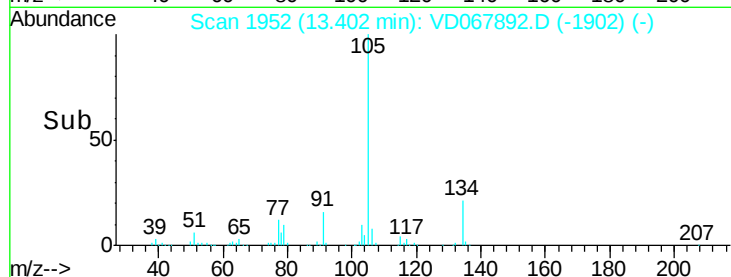
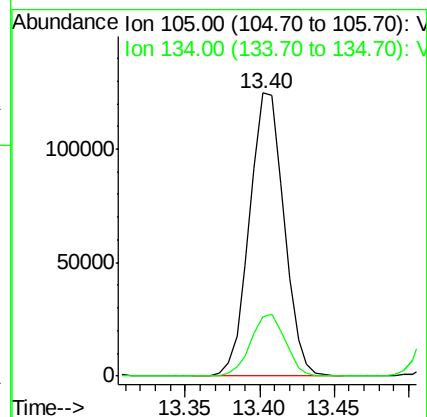
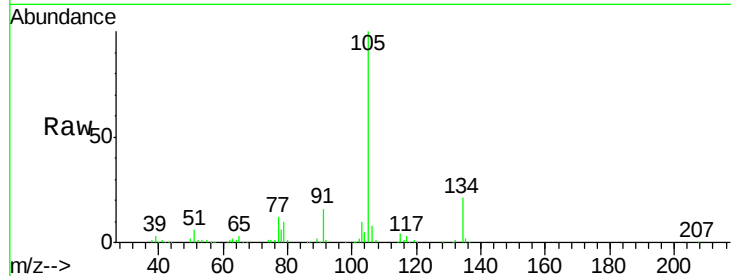
134 21.7 10.9 32.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.276 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067892.D

Acq: 07 Dec 2020 11:41

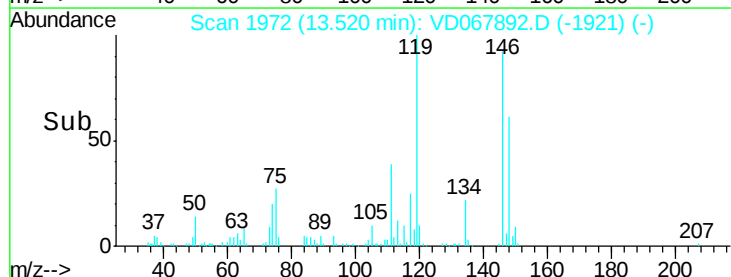
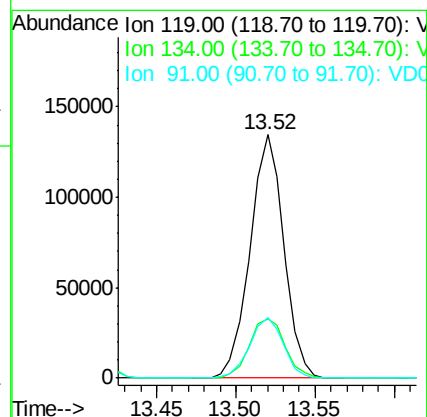
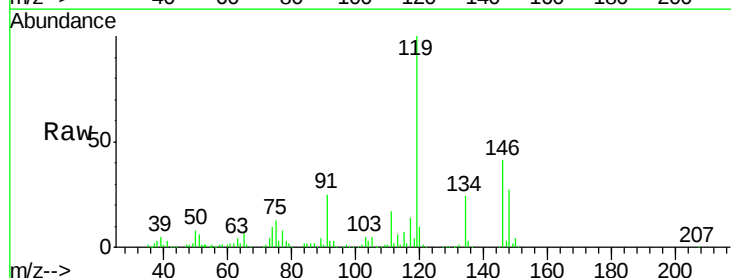
Tgt Ion:119 Resp: 198795

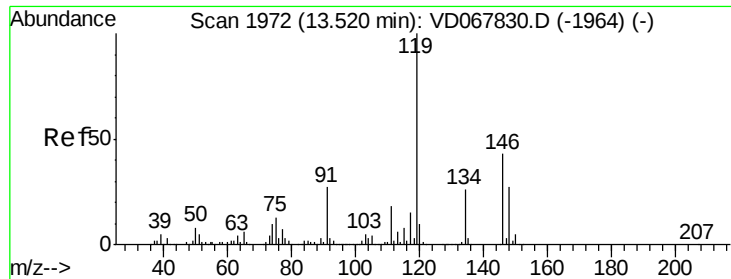
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 25.3 12.8 38.3





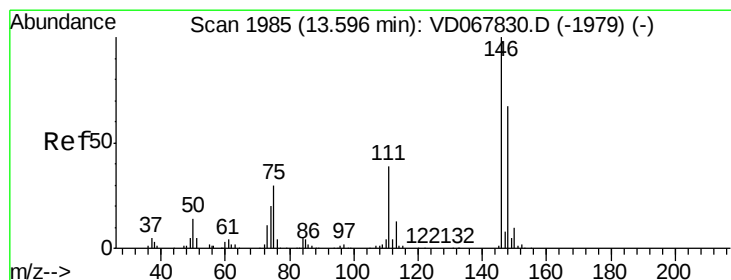
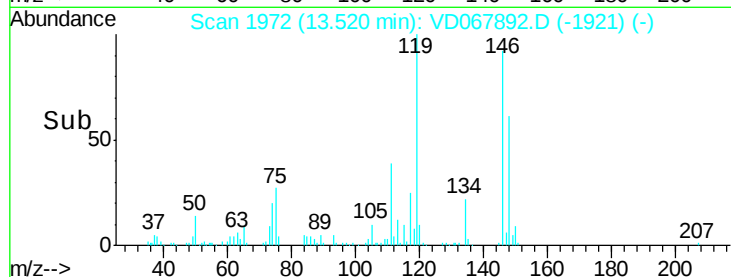
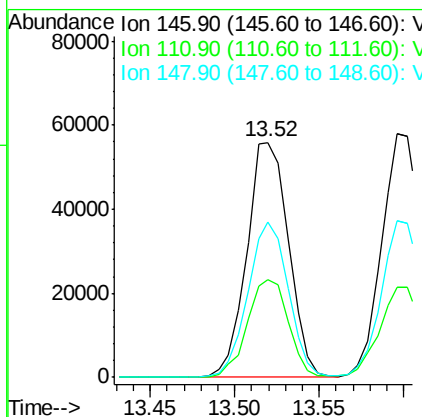
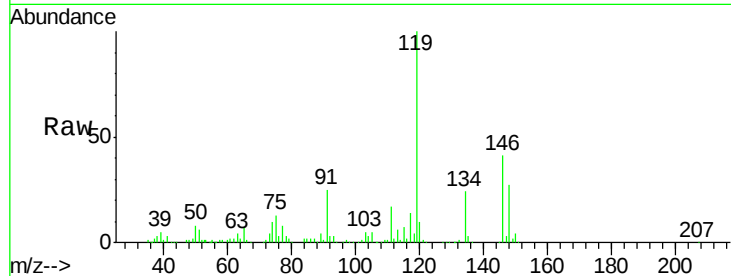
#87
1,3-Dichlorobenzene
Concen: 21.663 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.2
148	64.0	32.9	98.6

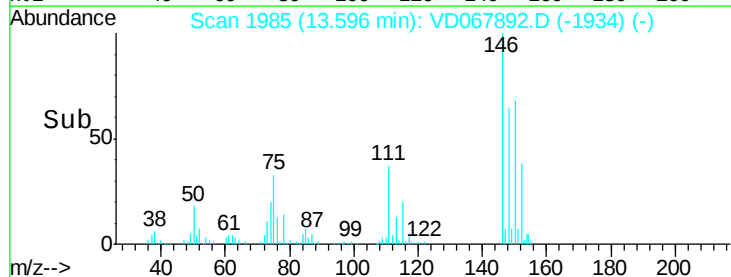
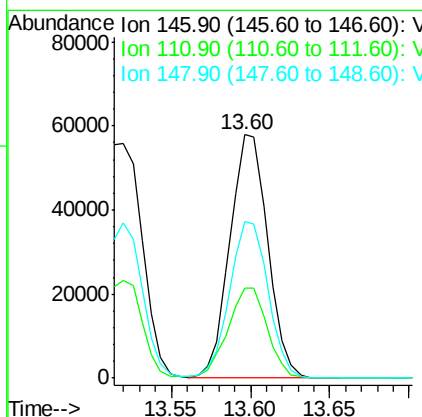
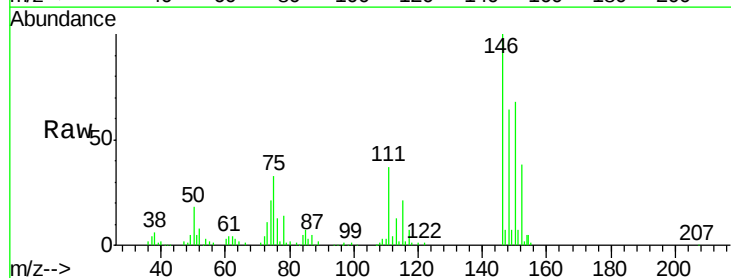
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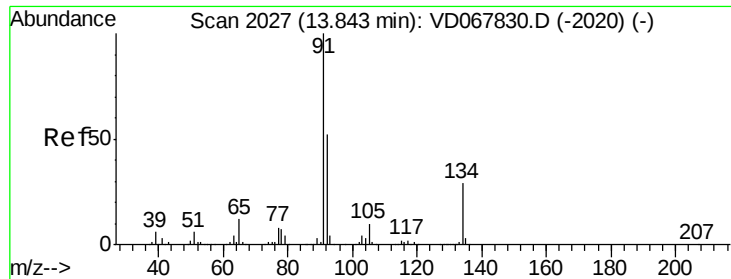
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#88
1,4-Dichlorobenzene
Concen: 21.638 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.6
148	65.4	32.4	97.2





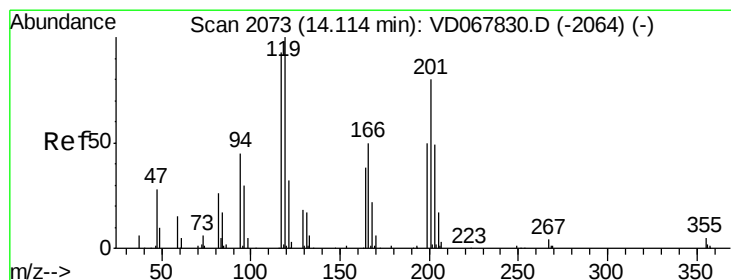
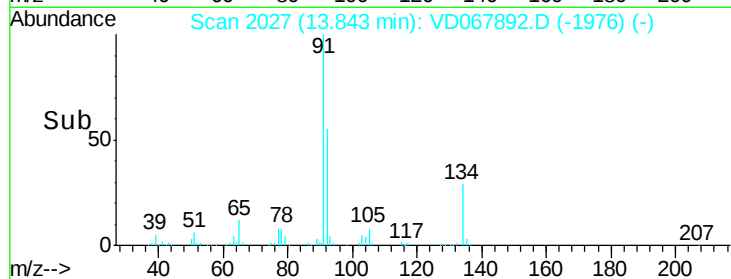
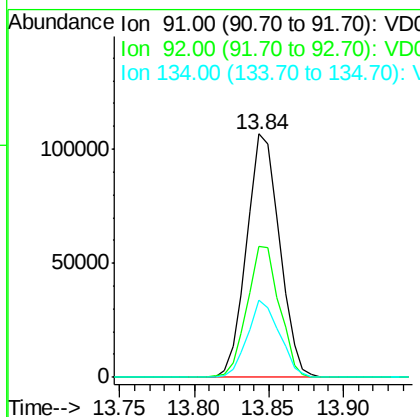
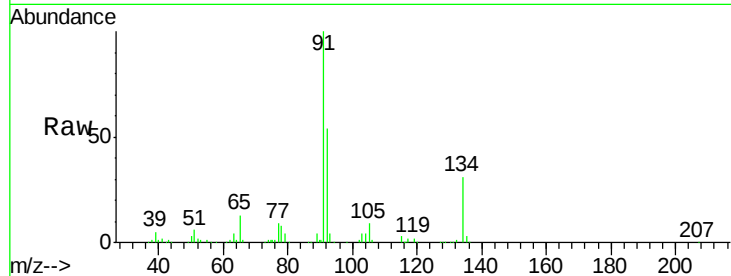
#89
n-Butylbenzene
Concen: 21.935 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	162630		
92	52.8	26.3	78.8	
134	30.8	14.8	44.3	

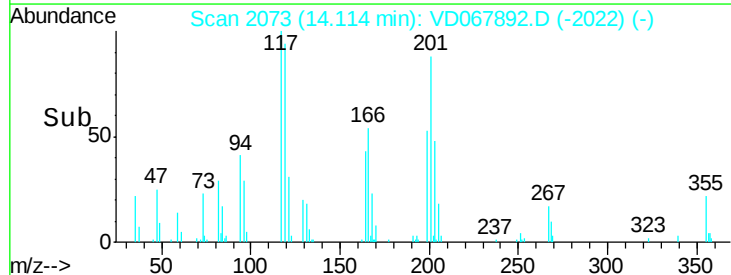
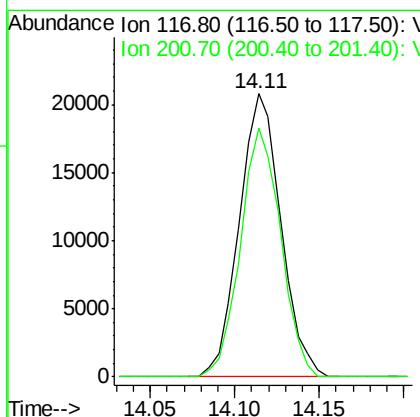
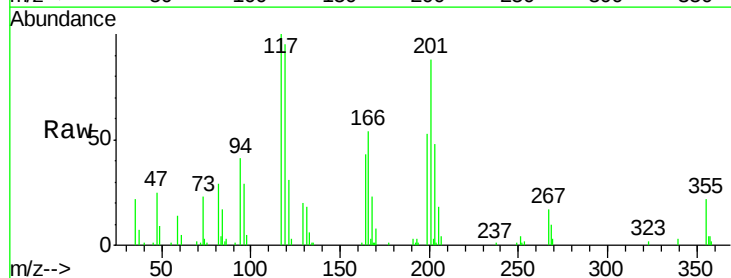
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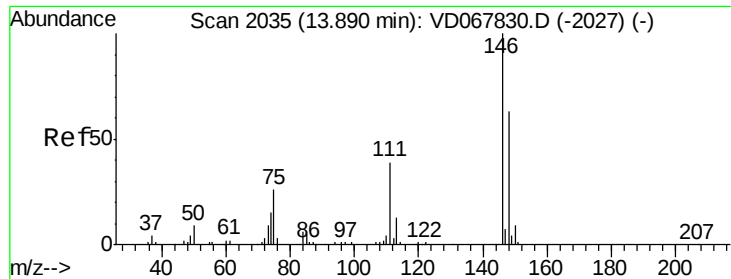
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#90
Hexachloroethane
Concen: 21.643 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35660		
201	84.7	43.9	131.6	





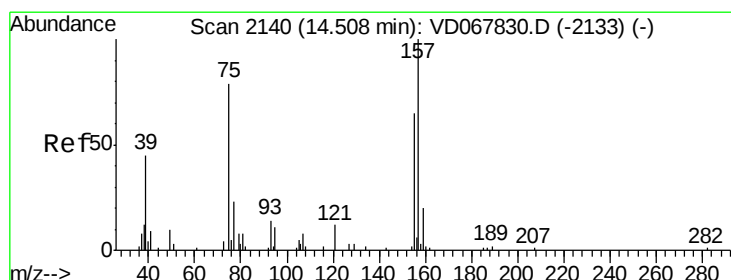
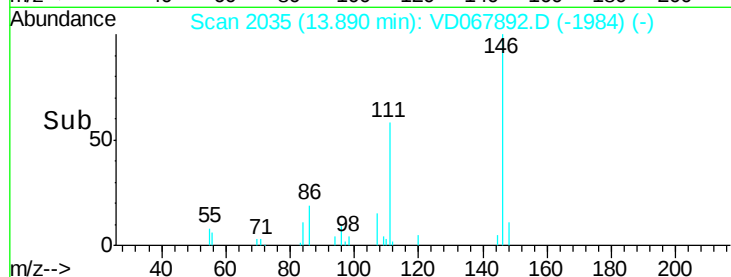
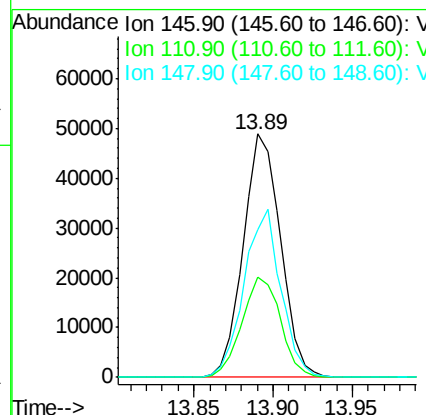
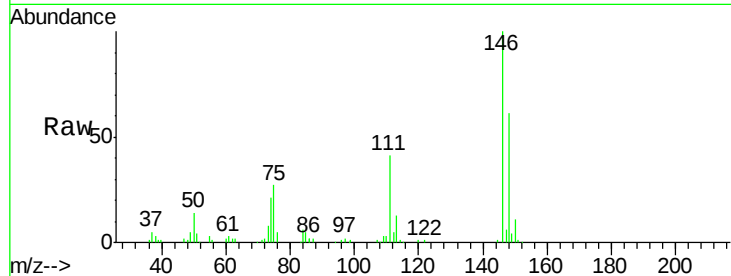
#91
 1,2-Dichlorobenzene
 Concen: 20.803 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	67.9	32.1	96.3

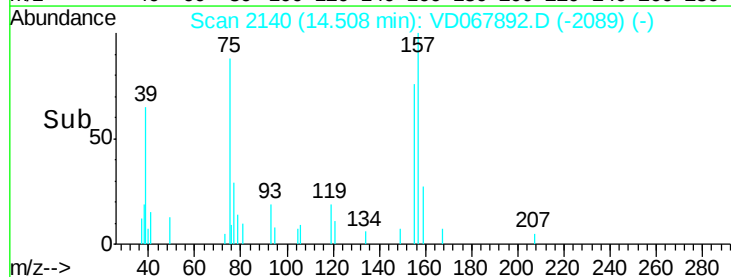
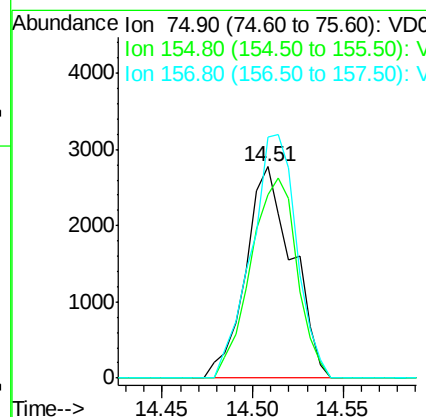
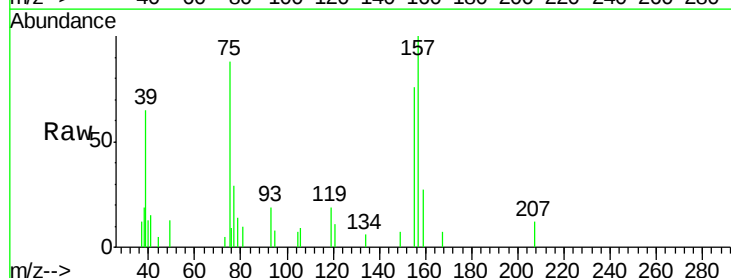
Manual Integrations
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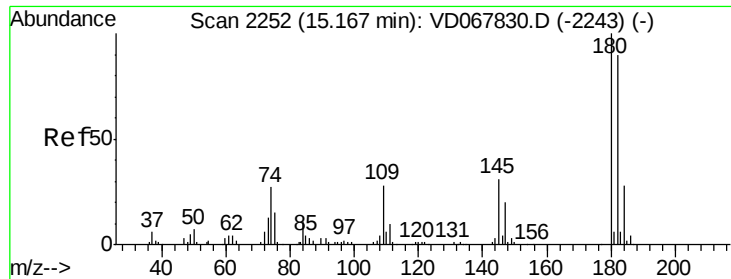
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.487 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	44.1	132.4
157	111.8	62.4	187.2





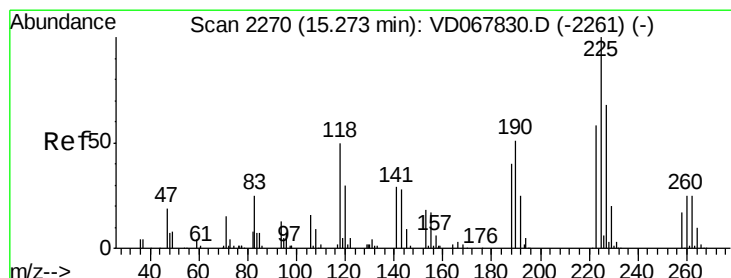
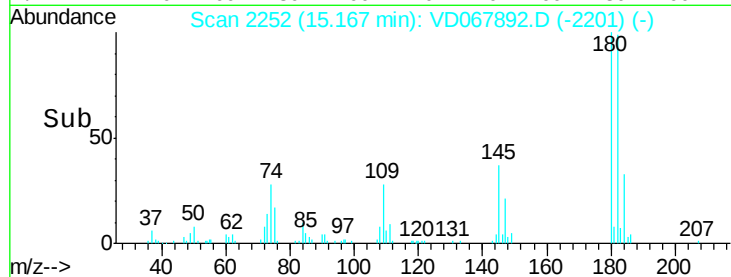
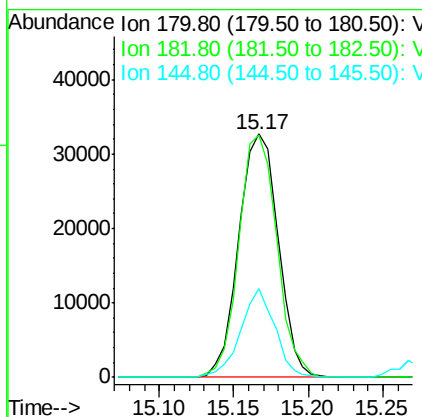
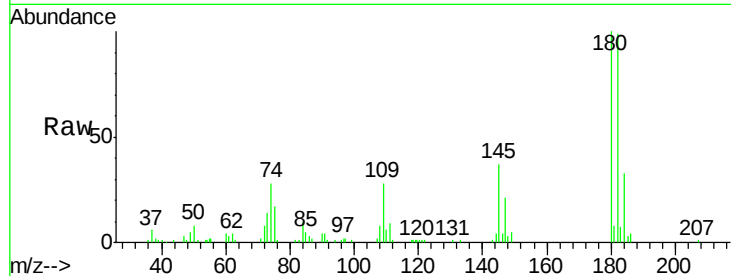
#93
 1,2,4-Trichlorobenzene
 Concen: 22.235 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	31.6	16.4	49.4

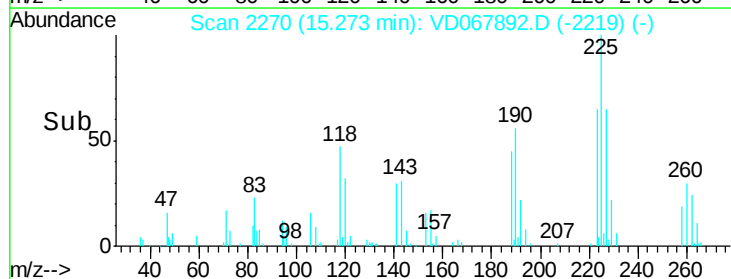
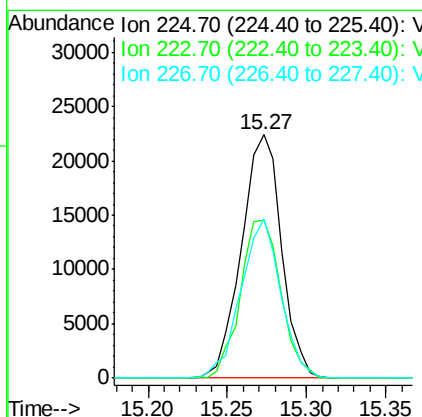
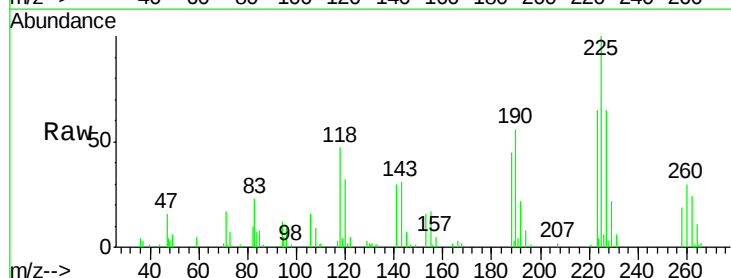
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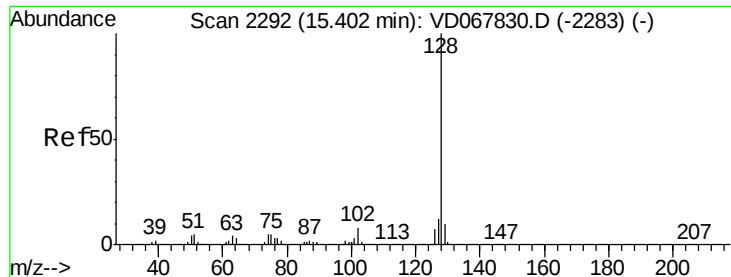
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#94
 Hexachlorobutadiene
 Concen: 22.393 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067892.D
 Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.1	93.3
227	65.1	33.1	99.3





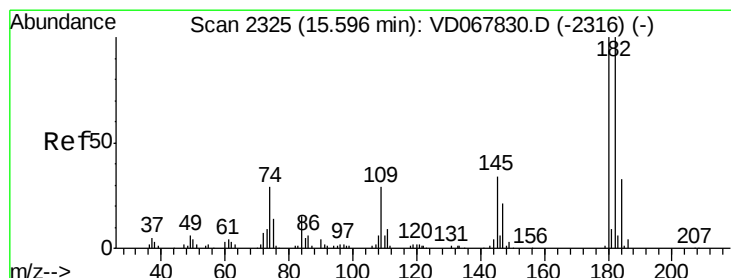
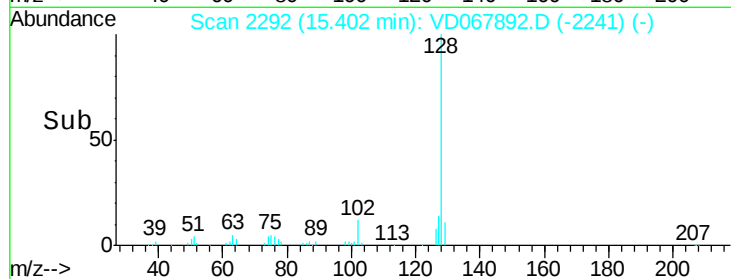
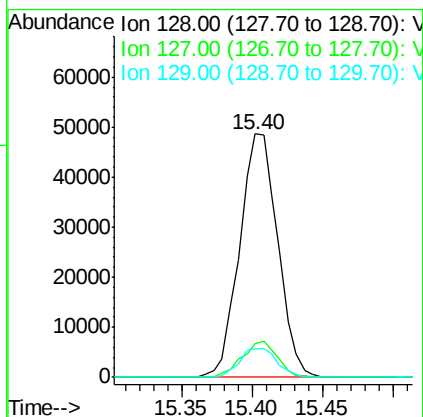
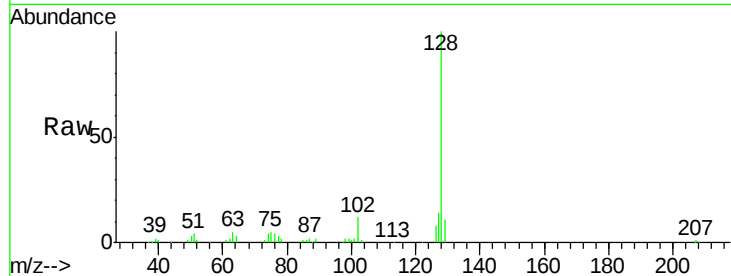
#95
Naphthalene
Concen: 20.953 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.7	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.233 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067892.D
Acq: 07 Dec 2020 11:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.3	142.0
145	32.0	16.8	50.4

