

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120120\
 Data File : VD067833.D
 Acq On : 01 Dec 2020 13:43
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:24:07 PM

Quant Time: Dec 02 08:13:05 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	7.99	168	240000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	348979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	324374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	165764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	127930	49.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.30%
35) Dibromofluoromethane	7.92	113	121534	52.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.08%
50) Toluene-d8	10.34	98	424295	50.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.94%
62) 4-Bromofluorobenzene	12.64	95	153918	52.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.92%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	108826	52.103	ug/l	100
3) Chloromethane	2.21	50	66257	54.967	ug/l	94
4) Vinyl Chloride	2.35	62	78694	51.837	ug/l	94
5) Bromomethane	2.77	94	69565	51.331	ug/l	95
6) Chloroethane	2.93	64	50061	50.648	ug/l	94
7) Trichlorofluoromethane	3.27	101	228506	49.189	ug/l	100
8) Diethyl Ether	3.71	74	47787	52.778	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	108995	51.454	ug/l	99
10) Methyl Iodide	4.30	142	112963	50.311	ug/l	98
11) Tert butyl alcohol	5.23	59	34757	266.056	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	99578	50.071	ug/l	97
13) Acrolein	3.93	56	25982	262.415	ug/l	98
14) Allyl chloride	4.71	41	99081	53.854	ug/l	98
15) Acrylonitrile	5.42	53	82938	264.175	ug/l	98
16) Acetone	4.16	43	82541	259.256	ug/l #	86
17) Carbon Disulfide	4.41	76	285132	51.351	ug/l	100
18) Methyl Acetate	4.71	43	32596	54.621	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	236400	55.512	ug/l	98
20) Methylene Chloride	4.96	84	112754	55.091	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	113658	50.223	ug/l	91
22) Diisopropyl ether	6.37	45	202206	54.645	ug/l	94
23) Vinyl Acetate	6.31	43	591071	287.129	ug/l	100
24) 1,1-Dichloroethane	6.27	63	167071	51.506	ug/l	98
25) 2-Butanone	7.21	43	92182	275.277	ug/l	92
26) 2,2-Dichloropropane	7.21	77	197102	50.957	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	127836	51.645	ug/l	99
28) Bromochloromethane	7.55	49	56246	54.615	ug/l	98
29) Tetrahydrofuran	7.57	42	52405	274.846	ug/l	99
30) Chloroform	7.71	83	221712	51.146	ug/l	100
31) Cyclohexane	7.99	56	133192	49.067	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	231485	50.588	ug/l	99
36) 1,1-Dichloropropene	8.11	75	153900	50.942	ug/l	98
37) Ethyl Acetate	7.29	43	40748	50.045	ug/l #	88
38) Carbon Tetrachloride	8.10	117	225300	49.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	184898	51.646	ug/l	97
40) Benzene	8.36	78	420226	50.835	ug/l	98
41) Methacrylonitrile	7.53	41	24156	63.700	ug/l #	79
42) 1,2-Dichloroethane	8.43	62	149245	50.656	ug/l	99
43) Isopropyl Acetate	8.46	43	81911	51.128	ug/l	98
44) Trichloroethene	9.11	130	140118	49.300	ug/l	94
45) 1,2-Dichloropropane	9.39	63	85199	50.216	ug/l	97
46) Dibromomethane	9.48	93	58996	50.012	ug/l	93
47) Bromodichloromethane	9.67	83	169967	50.540	ug/l	100
48) Methyl methacrylate	9.46	41	42789	52.598	ug/l	96
49) 1,4-Dioxane	9.47	88	13603	1009.179	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	201899	266.270	ug/l	100
52) Toluene	10.41	92	289379	50.069	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	151890	52.328	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	164157	51.992	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	80037	49.578	ug/l	97
56) Ethyl methacrylate	10.67	69	84561	51.482	ug/l	96
57) 1,3-Dichloropropane	10.95	76	127877	50.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	209051	279.701	ug/l	99
59) 2-Hexanone	10.98	43	143528	268.515	ug/l	99
60) Dibromochloromethane	11.14	129	126520	51.990	ug/l	97
61) 1,2-Dibromoethane	11.25	107	79489	50.070	ug/l	100
64) Tetrachloroethene	10.88	164	127628	48.237	ug/l	97
65) Chlorobenzene	11.67	112	331577	49.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	135340	49.577	ug/l	97
67) Ethyl Benzene	11.75	91	578811	50.766	ug/l	100
68) m/p-Xylenes	11.86	106	445412	99.073	ug/l	99
69) o-Xylene	12.18	106	207027	51.871	ug/l	99
70) Styrene	12.20	104	355468	51.219	ug/l	99
71) Bromoform	12.36	173	73358	50.766	ug/l #	98
73) Isopropylbenzene	12.48	105	587325	51.522	ug/l	97
74) N-amyl acetate	12.29	43	72994	51.766	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73390	48.764	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	56381m	46.706	ug/l	
77) Bromobenzene	12.76	156	143848	50.758	ug/l	97
78) n-propylbenzene	12.82	91	644173	50.985	ug/l	100
79) 2-Chlorotoluene	12.91	91	377630	50.805	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	510833	51.757	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25023	49.586	ug/l	96
82) 4-Chlorotoluene	13.01	91	398105	50.210	ug/l	99
83) tert-Butylbenzene	13.23	119	432597	51.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	503420	51.294	ug/l	98
85) sec-Butylbenzene	13.40	105	567325	50.610	ug/l	100
86) p-Isopropyltoluene	13.52	119	549214	49.990	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	271861	49.729	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	268661	49.123	ug/l	99
89) n-Butylbenzene	13.84	91	465053	50.951	ug/l	98
90) Hexachloroethane	14.11	117	99982	49.292	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	237157	50.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14890	47.406	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	173624	52.350	ug/l	97
94) Hexachlorobutadiene	15.27	225	111586	51.561	ug/l	97
95) Naphthalene	15.40	128	291042	53.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	149157	52.077	ug/l	98

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

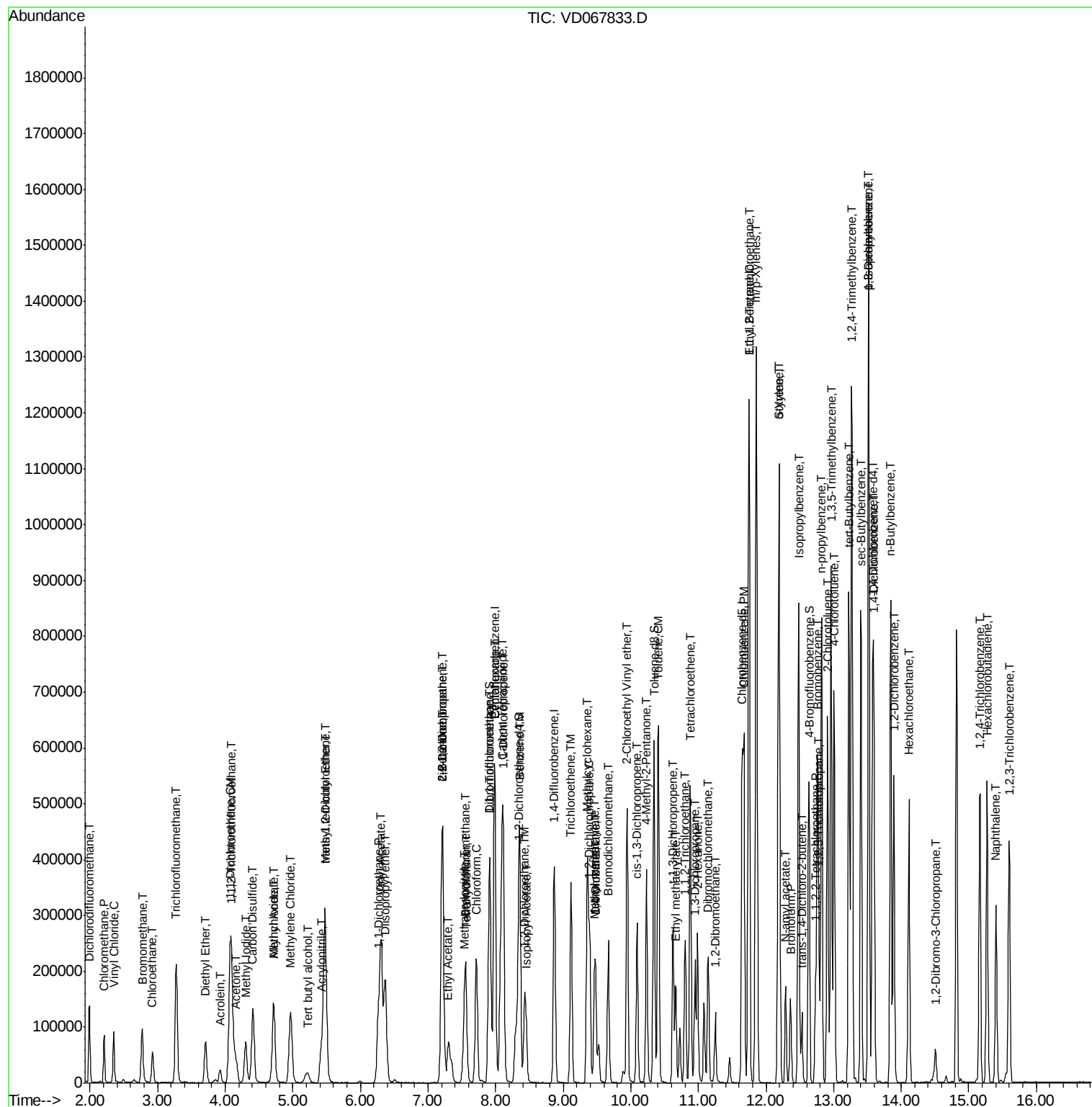
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120120\
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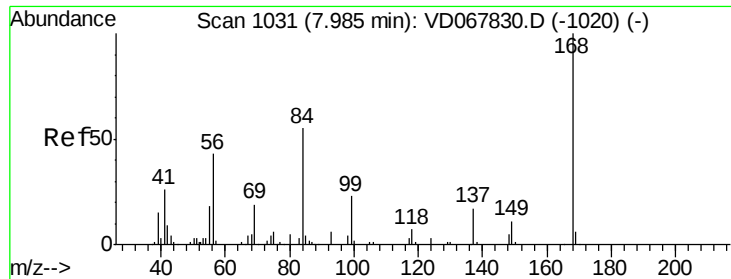
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion:168 Resp: 240000

Ion Ratio Lower Upper

168 100

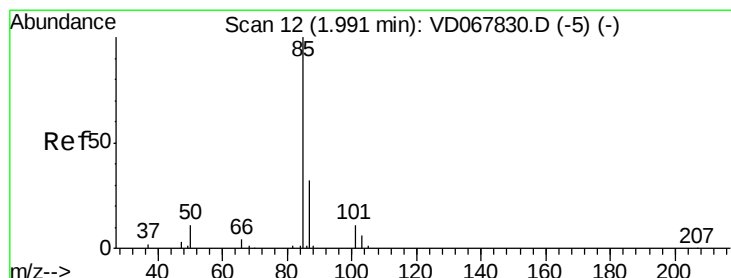
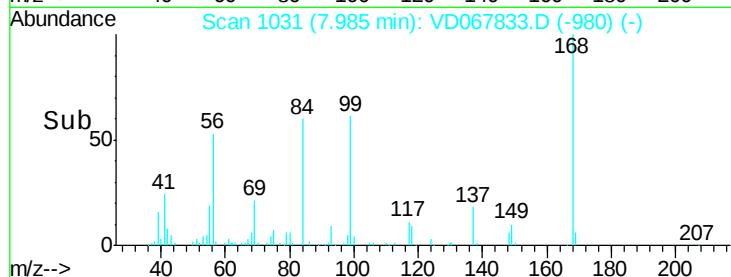
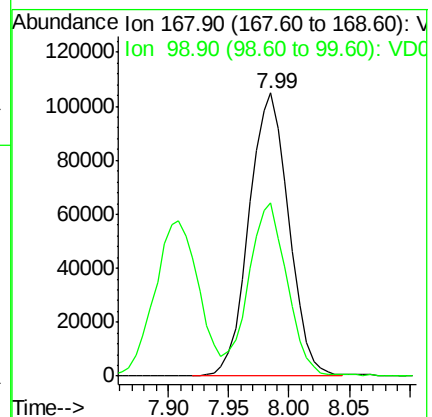
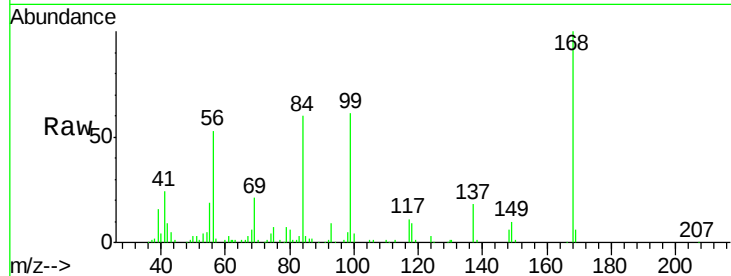
99 60.6 47.1 70.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 52.103 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067833.D

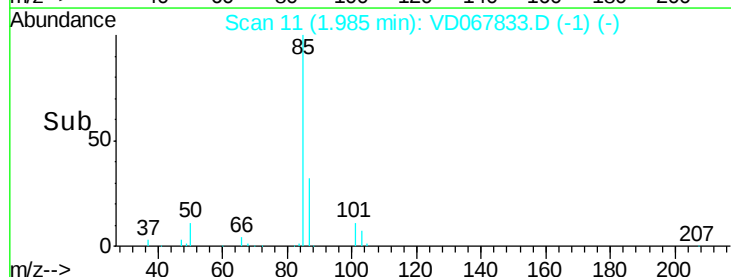
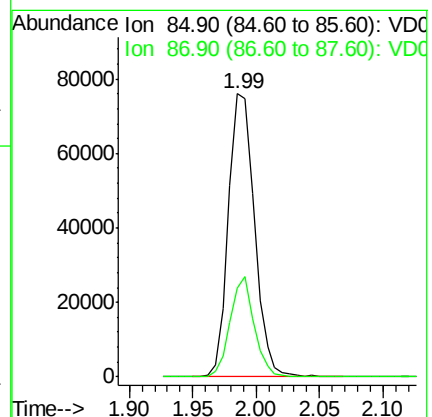
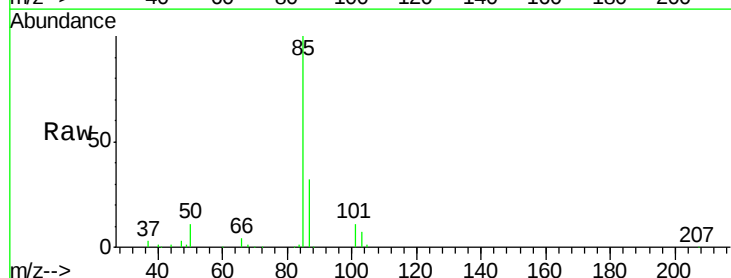
Acq: 01 Dec 2020 13:43

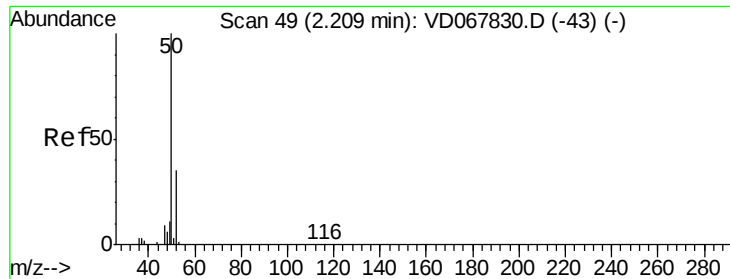
Tgt Ion: 85 Resp: 108826

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6





#3

Chloromethane

Concen: 54.967 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tot Ion: 50 Resp: 66257

Ion Ratio Lower Upper

50 100

52 31.3 27.8 41.6

Instrument :

MSVOA_D

ClientSampleId :

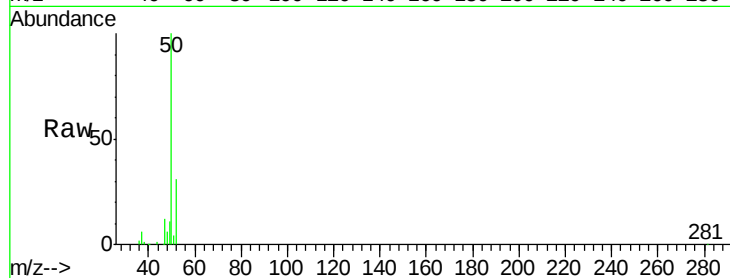
ICVVD120120

Manual Integrations

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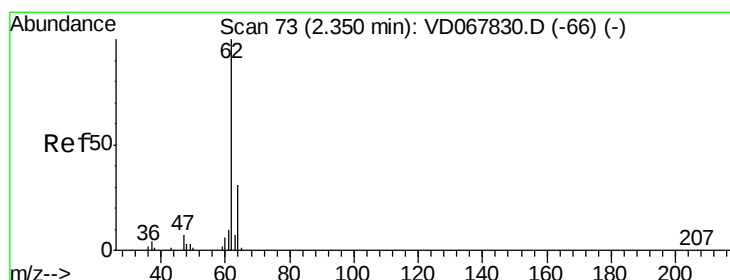
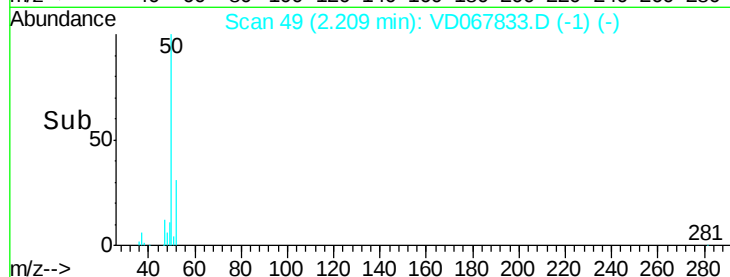
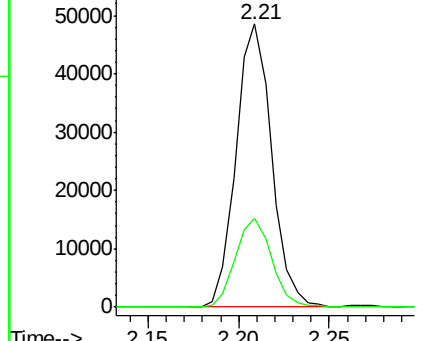
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.837 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067833.D

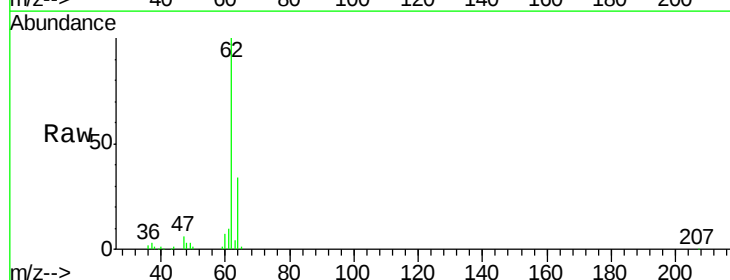
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Tgt Ion: 62 Resp: 78694

Ion Ratio Lower Upper

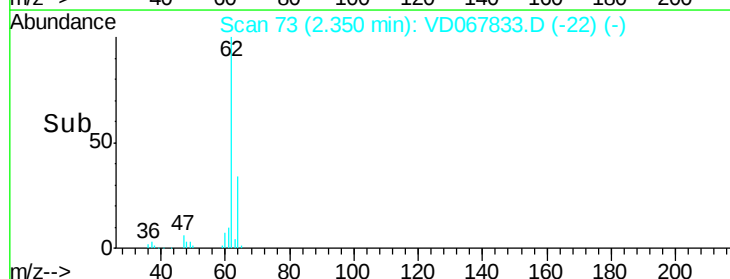
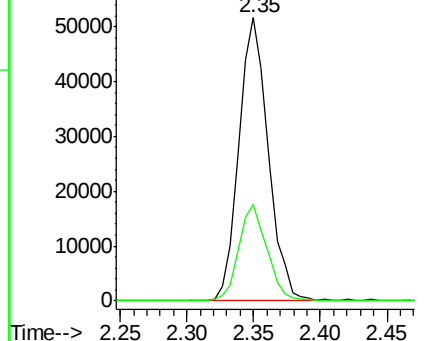
62 100

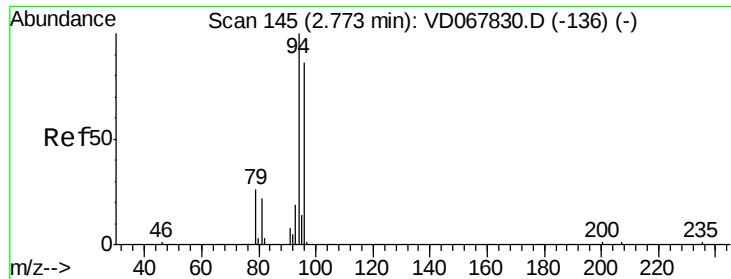
64 34.1 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.331 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion: 94 Resp: 69565

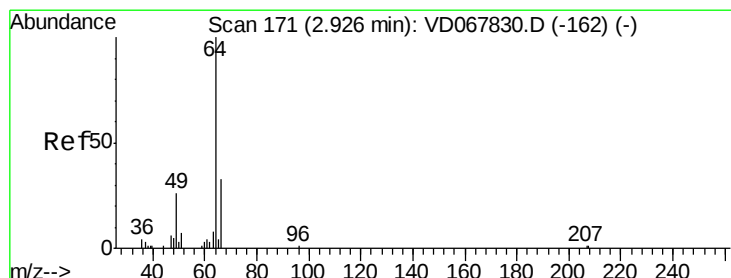
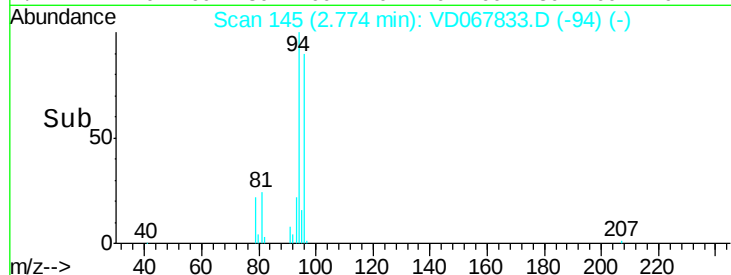
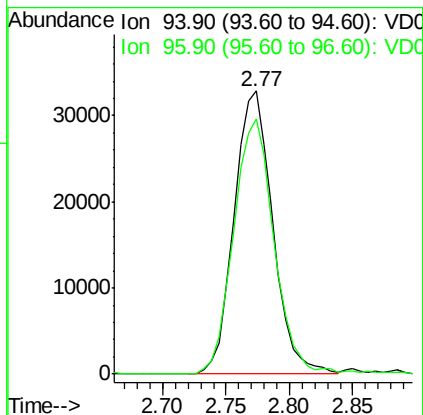
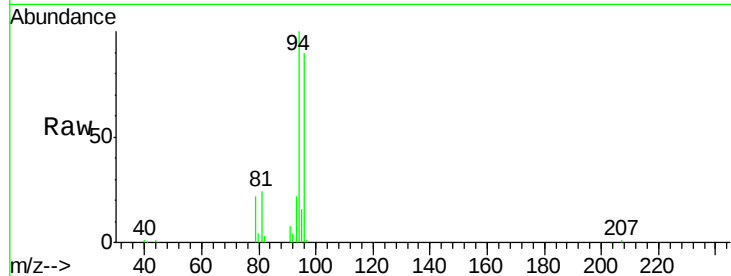
Ion Ratio Lower Upper

94 100

96 90.1 68.7 103.1

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#6

Chloroethane

Concen: 50.648 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067833.D

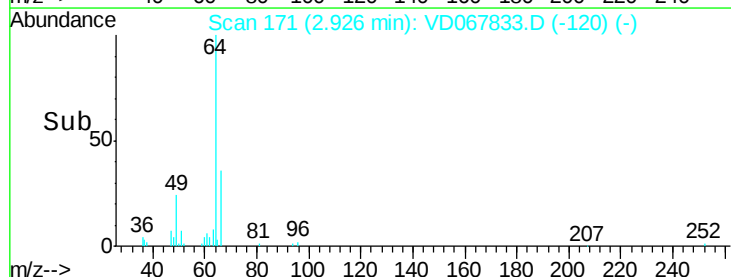
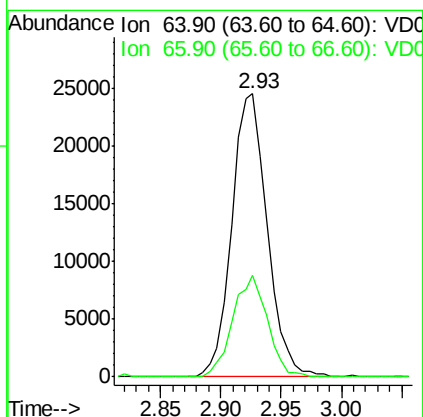
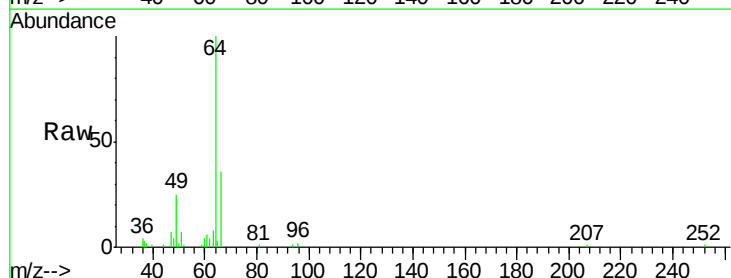
Acq: 01 Dec 2020 13:43

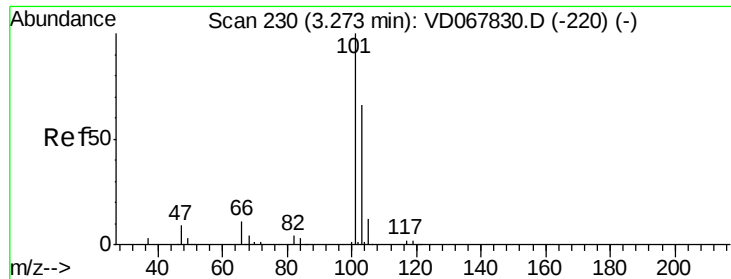
Tgt Ion: 64 Resp: 50061

Ion Ratio Lower Upper

64 100

66 35.7 26.1 39.1





#7

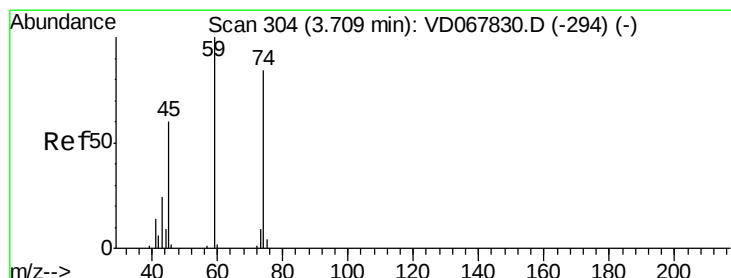
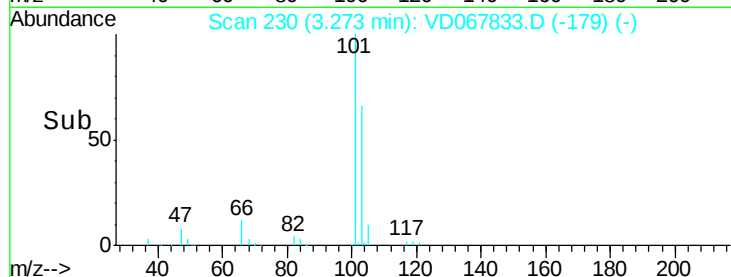
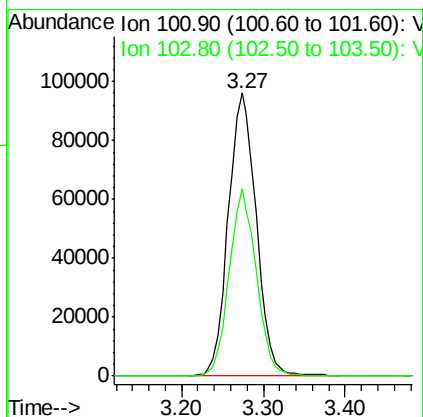
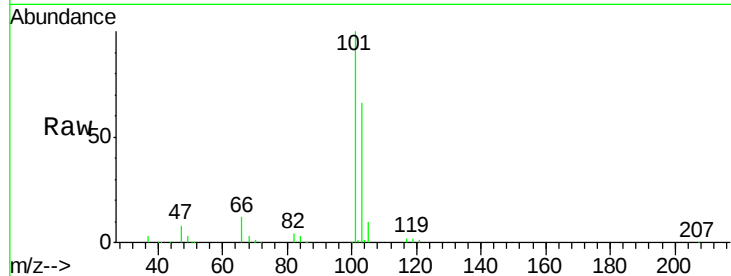
Trichlorofluoromethane
Concen: 49.189 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	53.0	79.6

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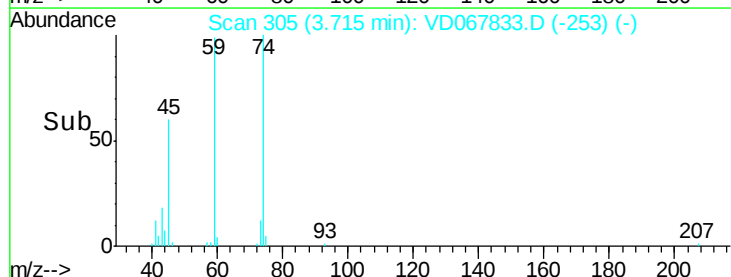
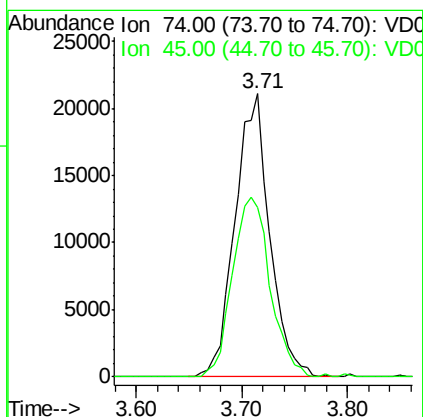
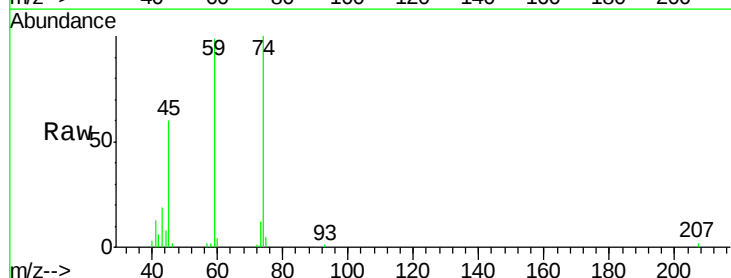
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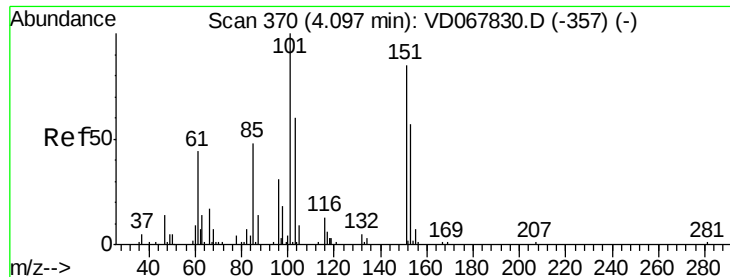


#8

Diethyl Ether
Concen: 52.778 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	69.1	33.9	101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.454 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

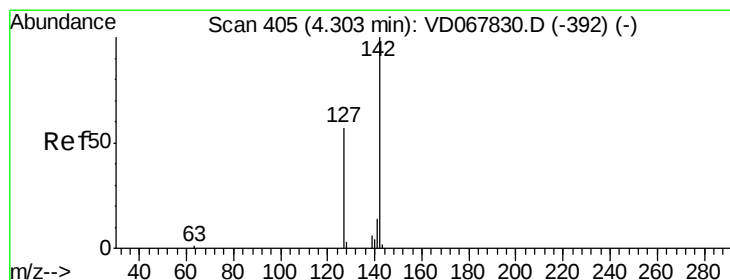
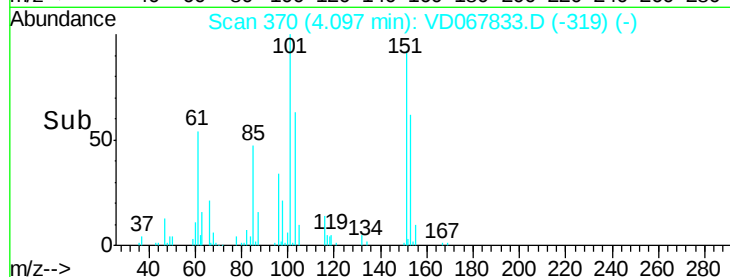
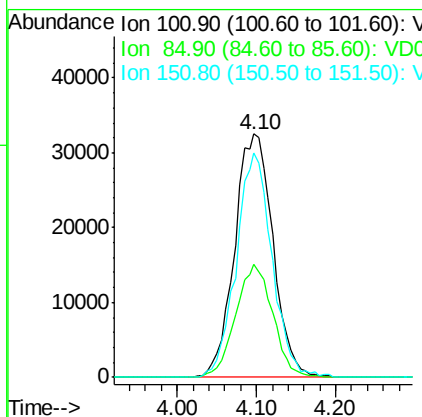
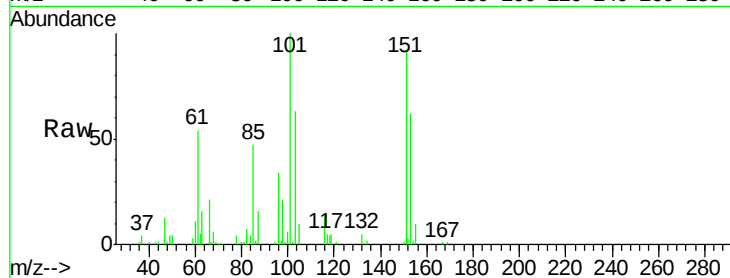
ClientSampleId :

ICVVD120120

Tot Ion:	101	Resp:	108995
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.2	54.4
151	86.1	69.4	104.2

Manual Integrations
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#10

Methyl Iodide

Concen: 50.311 ug/l

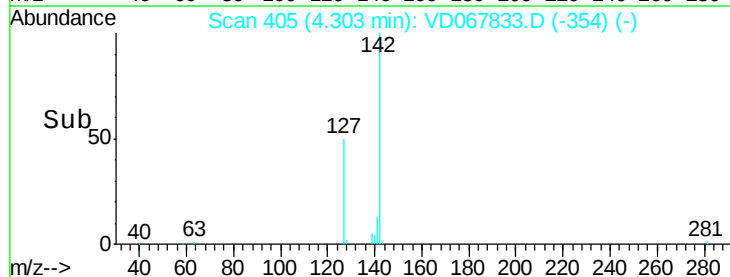
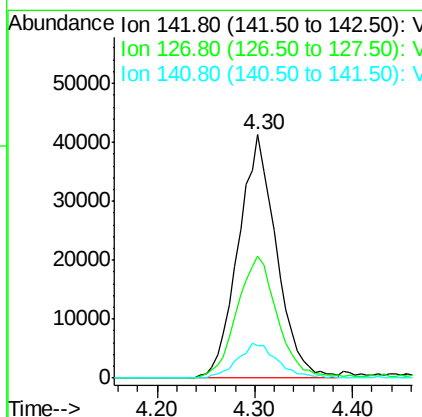
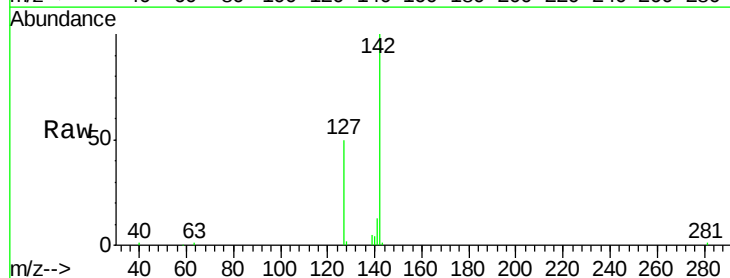
RT: 4.30 min Scan# 405

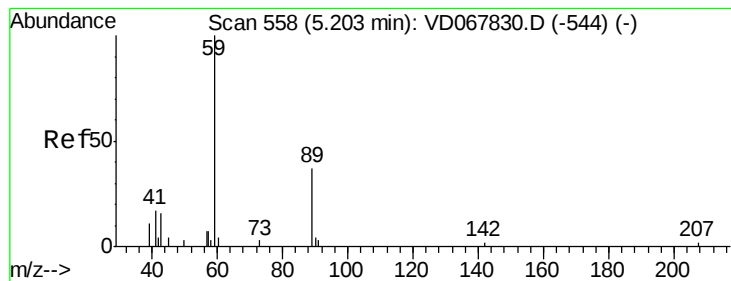
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	142	Resp:	112963
Ion Ratio	Lower	Upper	
142	100		
127	53.2	43.9	65.9
141	14.8	12.2	18.2





#11

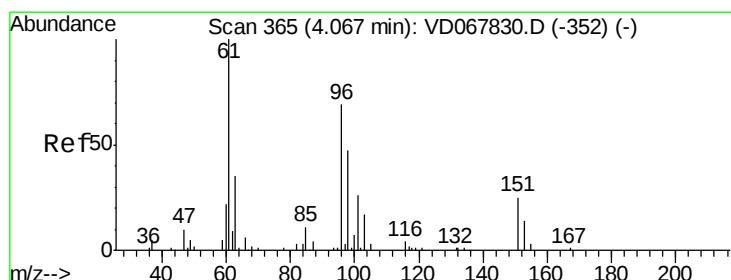
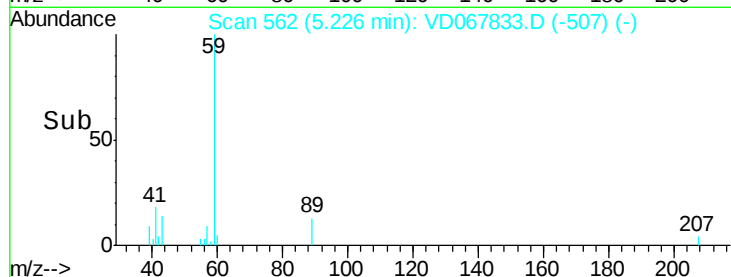
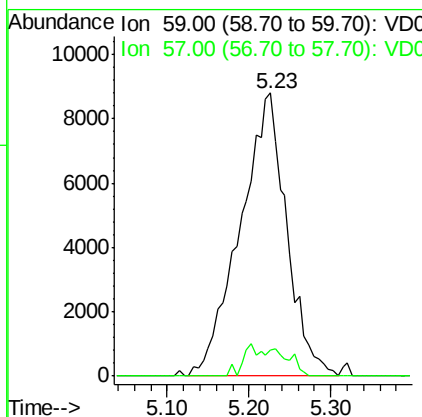
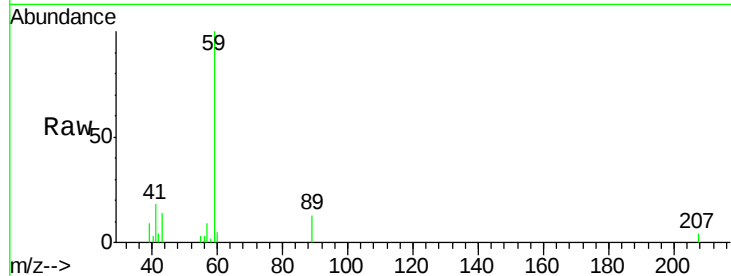
Tert butyl alcohol
Concen: 266.056 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.02 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

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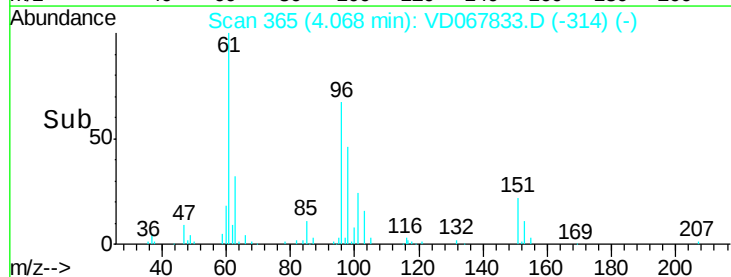
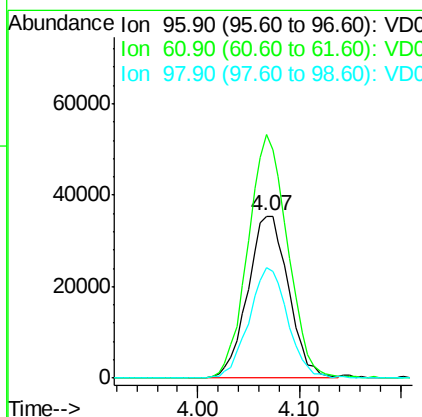
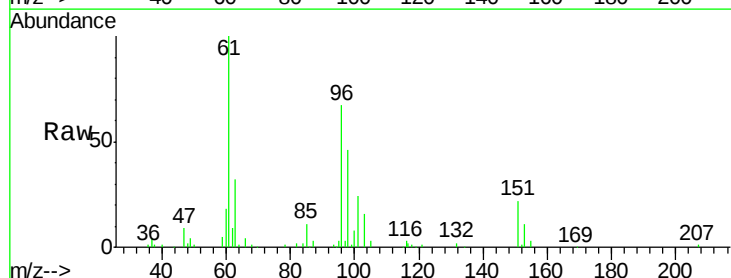
MMDadoda
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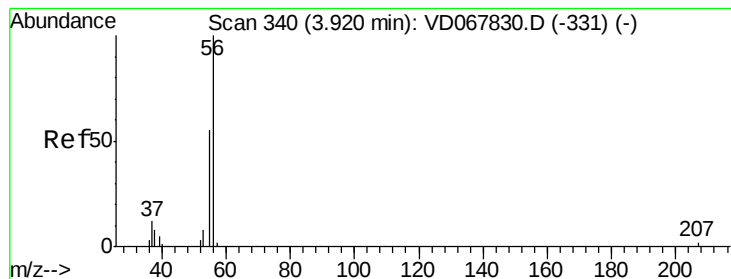


#12

1,1-Dichloroethene
Concen: 50.071 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	116.1	174.1
98	68.6	54.6	82.0





#13

Acrolein

Concen: 262.415 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion: 56 Resp: 25982

Ion Ratio Lower Upper

56 100

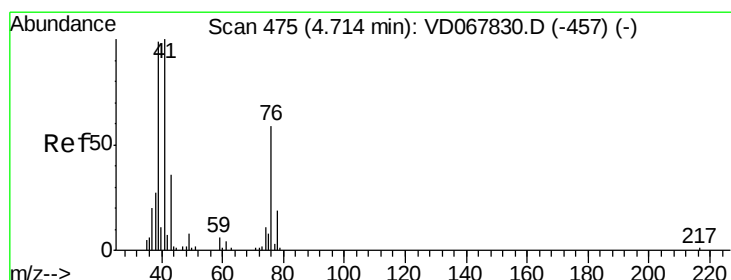
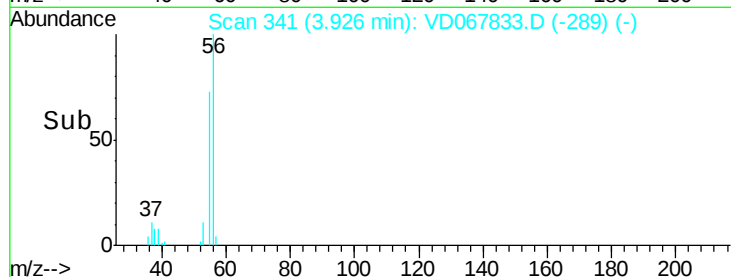
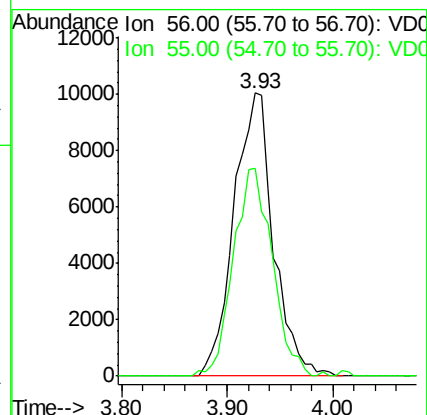
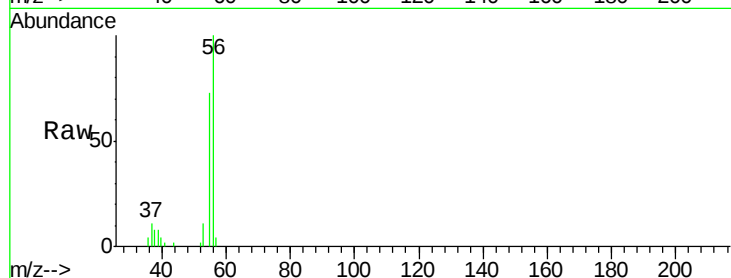
55 72.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 53.854 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

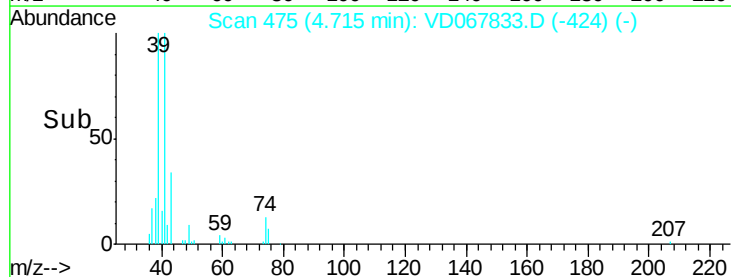
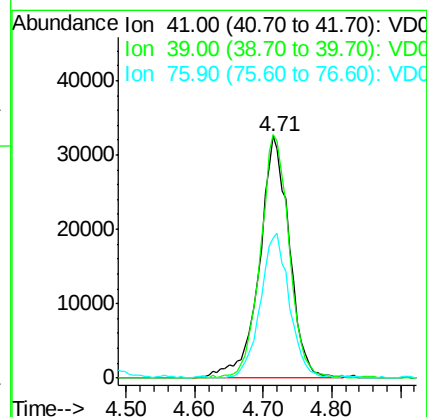
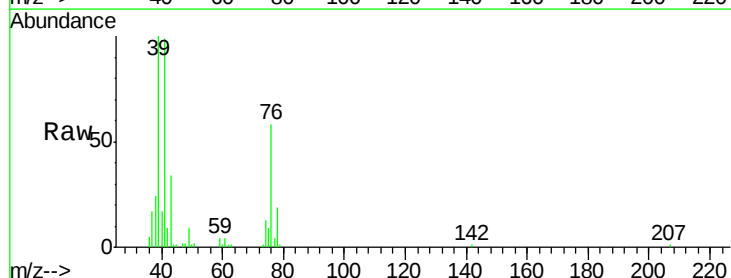
Tgt Ion: 41 Resp: 99081

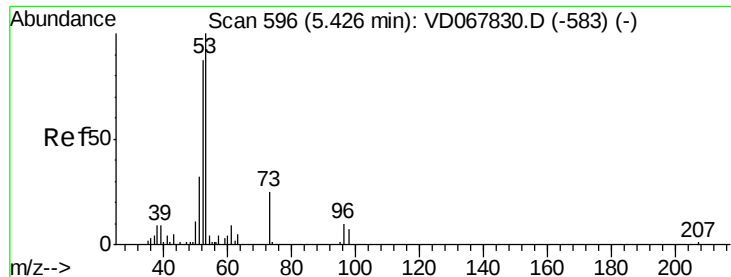
Ion Ratio Lower Upper

41 100

39 96.7 79.0 118.6

76 57.8 46.6 70.0





#15

Acrylonitrile

Concen: 264.175 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

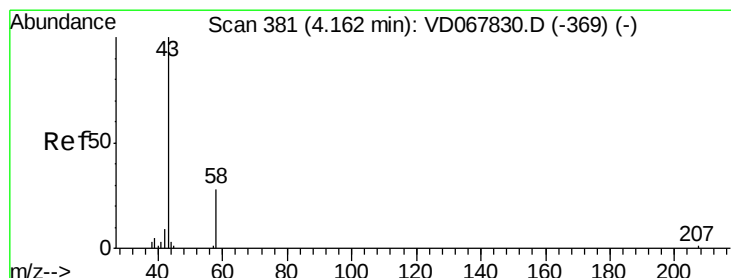
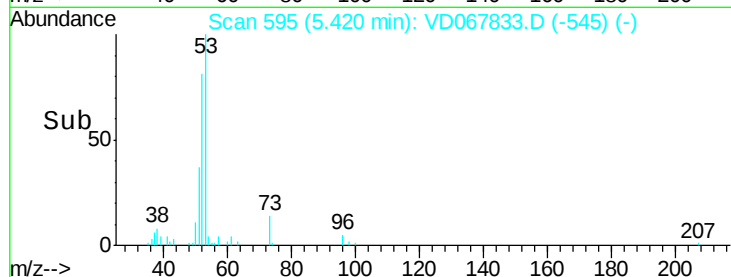
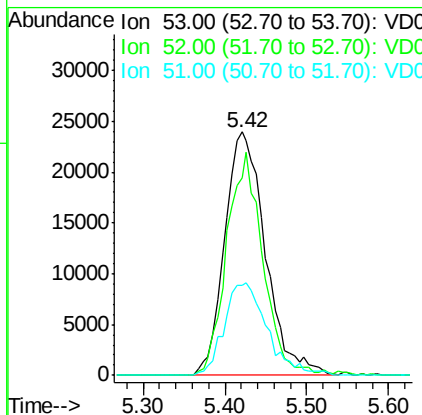
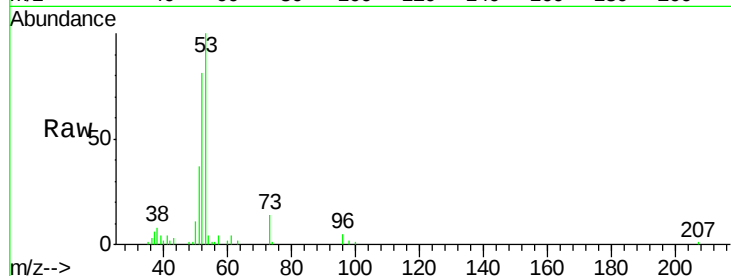
ClientSampleId :

ICVVD120120

Tot Ion:	53	Resp:	82938
Ion Ratio	Lower	Upper	
53	100		
52	81.0	66.2	99.2
51	39.9	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 259.256 ug/l

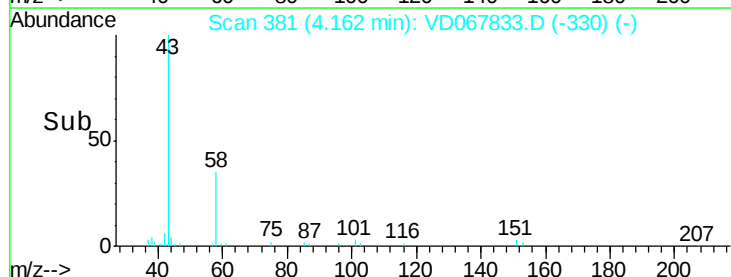
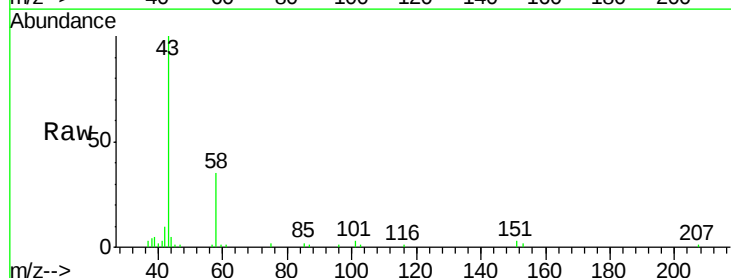
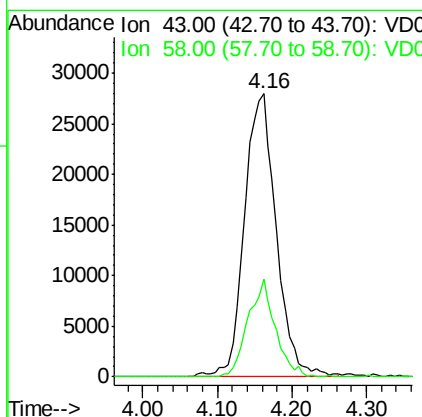
RT: 4.16 min Scan# 381

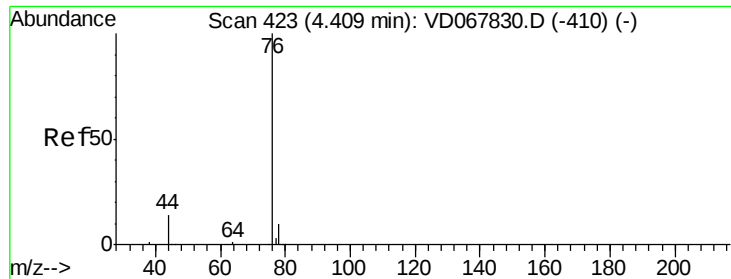
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	43	Resp:	82541
Ion Ratio	Lower	Upper	
43	100		
58	34.5	21.9	32.9#





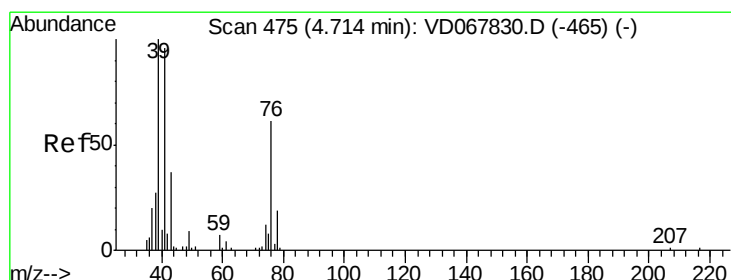
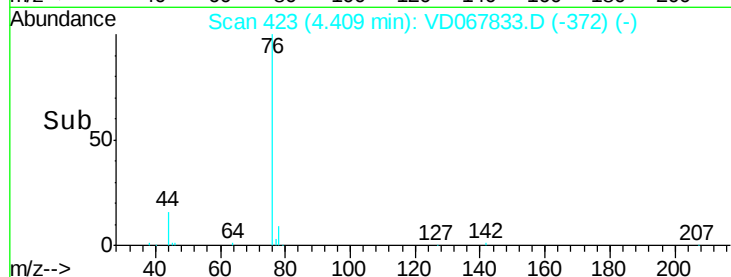
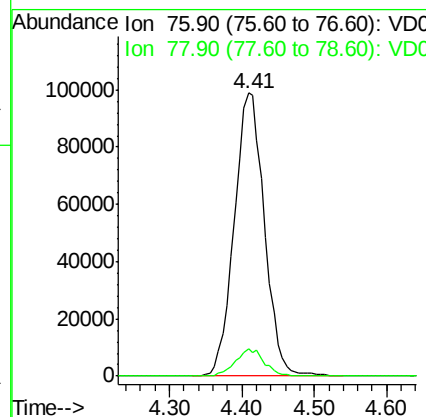
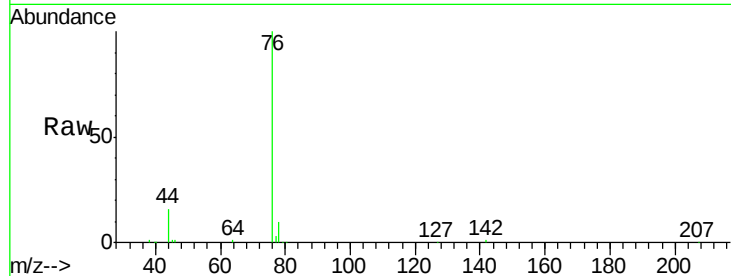
#17
Carbon Disulfide
Concen: 51.351 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.8	11.6

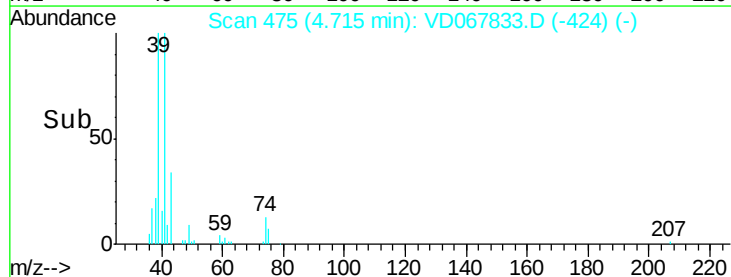
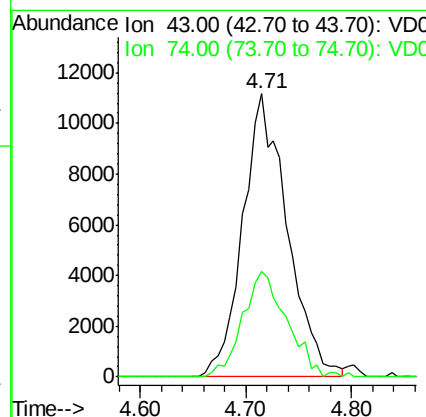
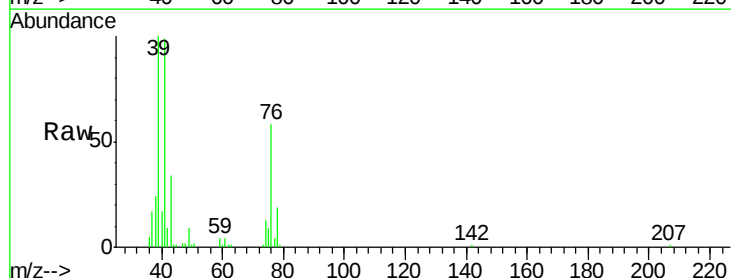
Manual Integrations
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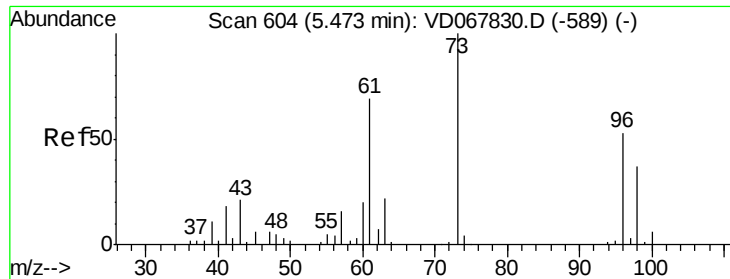
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#18
Methyl Acetate
Concen: 54.621 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	36.8	27.0	40.4





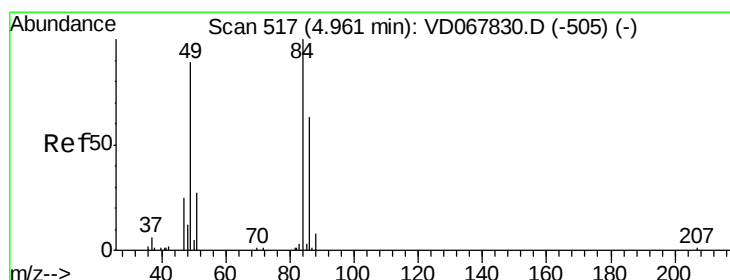
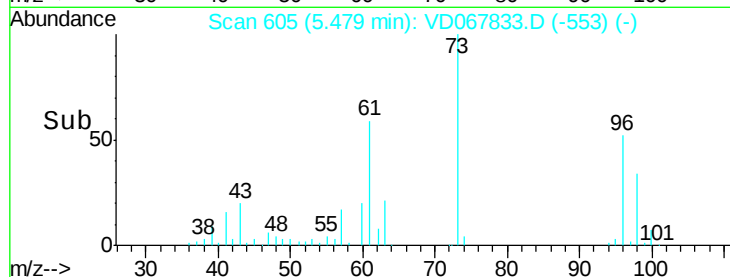
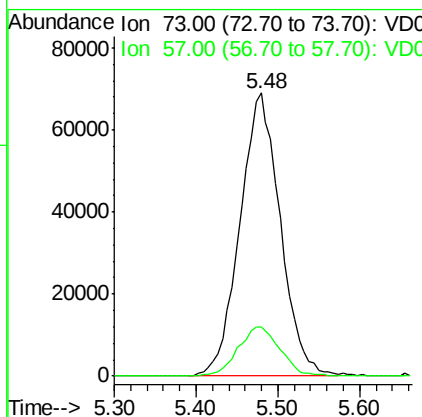
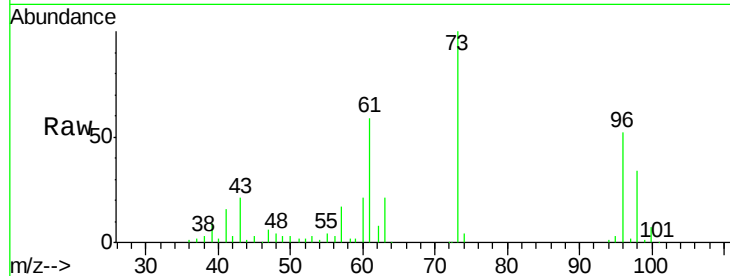
#19
Methyl tert-butyl Ether
Concen: 55.512 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion: 73 Resp: 236400
Ion Ratio Lower Upper
73 100
57 17.4 13.2 19.8

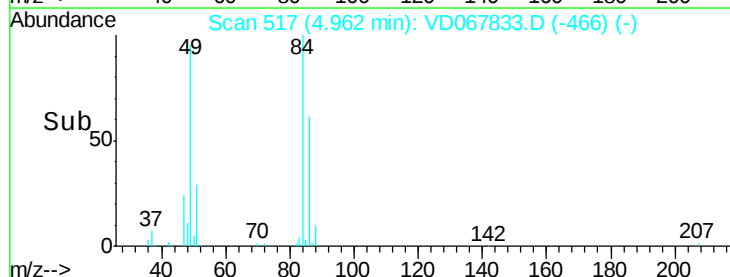
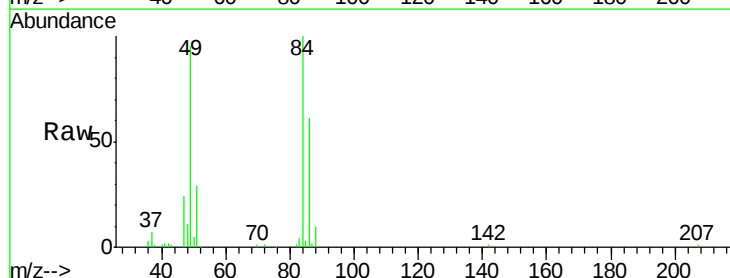
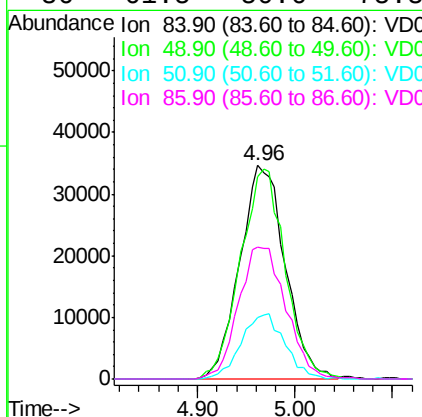
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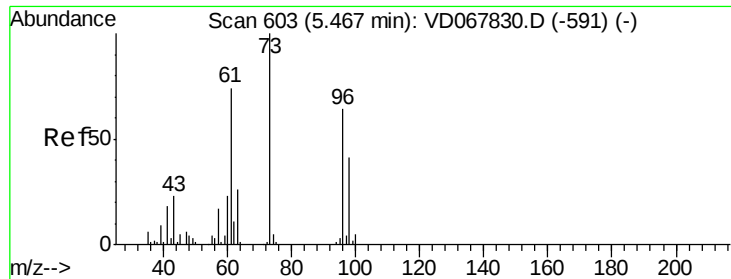
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#20
Methylene Chloride
Concen: 55.091 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion: 84 Resp: 112754
Ion Ratio Lower Upper
84 100
49 94.6 71.4 107.0
51 28.5 21.8 32.8
86 61.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.223 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

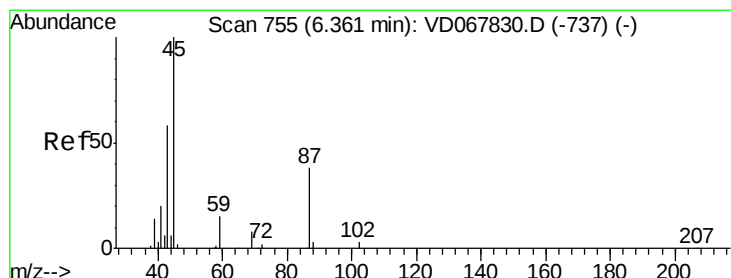
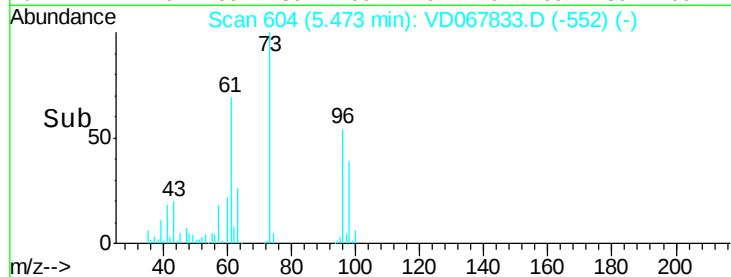
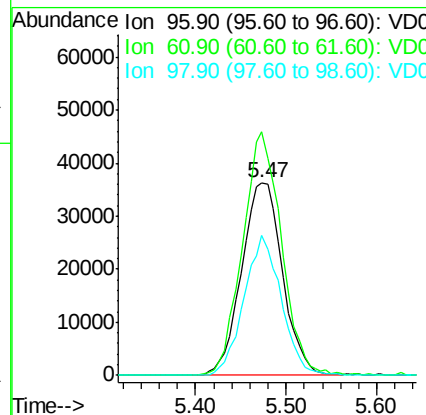
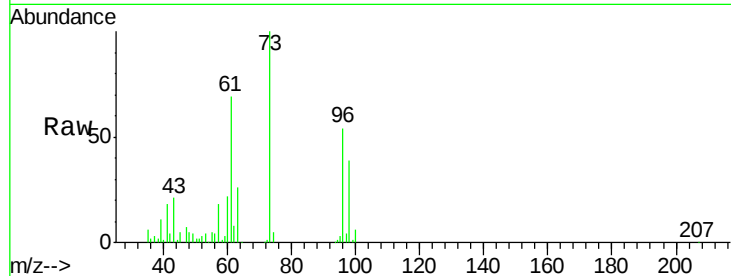
ClientSampleId :

ICVVD120120

Tot Ion:	96	Resp:	113658
Ion	Ratio	Lower	Upper
96	100		
61	126.2	93.1	139.7
98	72.5	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.645 ug/l

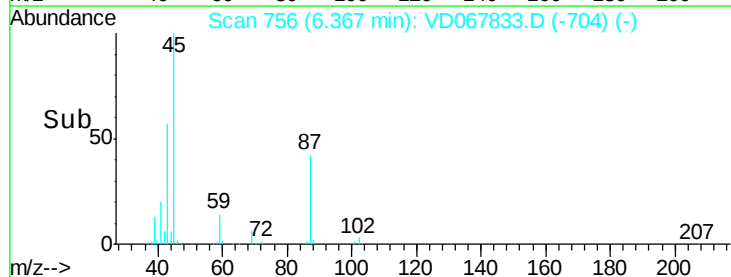
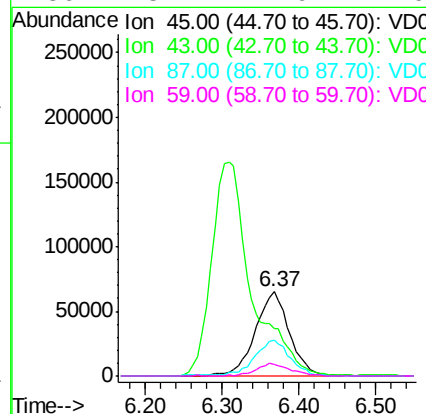
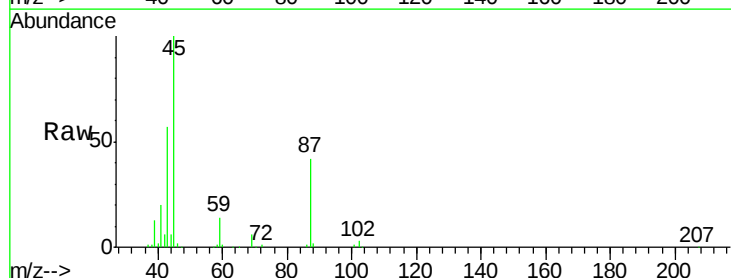
RT: 6.37 min Scan# 756

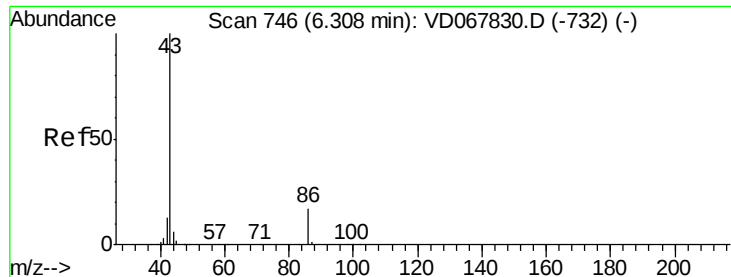
Delta R.T. 0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	45	Resp:	202206
Ion	Ratio	Lower	Upper
45	100		
43	55.7	49.8	74.6
87	42.3	32.1	48.1
59	13.7	11.9	17.9





#23

Vinyl Acetate

Concen: 287.129 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion: 43 Resp: 591071

Ion Ratio Lower Upper

43 100

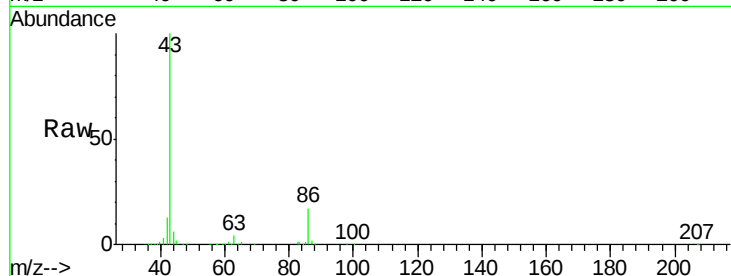
86 17.1 13.8 20.6

Manual Integrations

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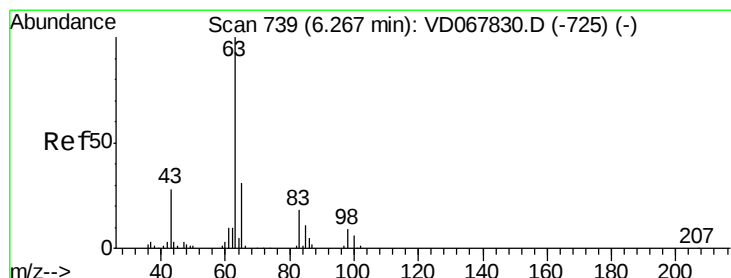
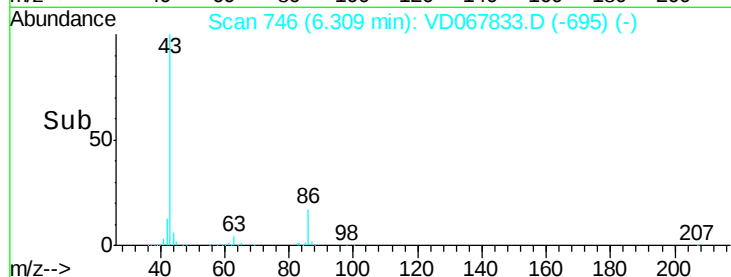
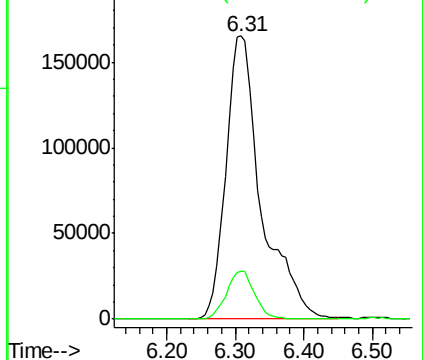
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.506 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

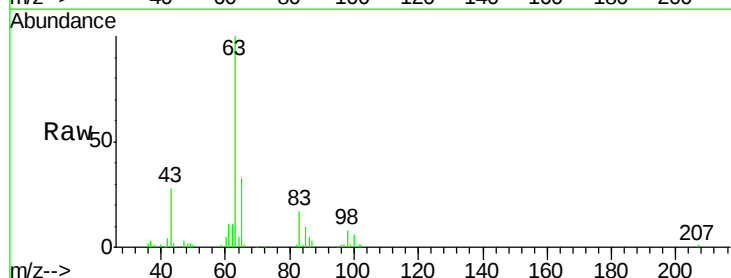
Tgt Ion: 63 Resp: 167071

Ion Ratio Lower Upper

63 100

98 8.4 4.5 13.5

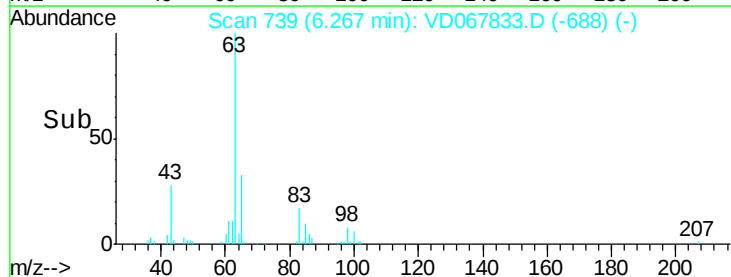
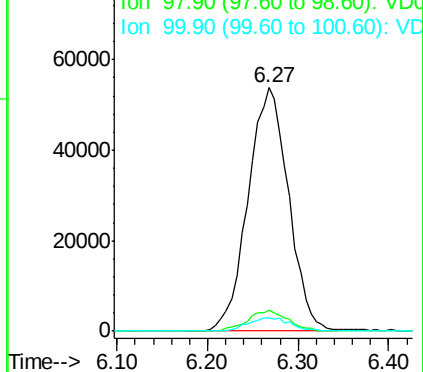
100 5.5 3.0 9.2

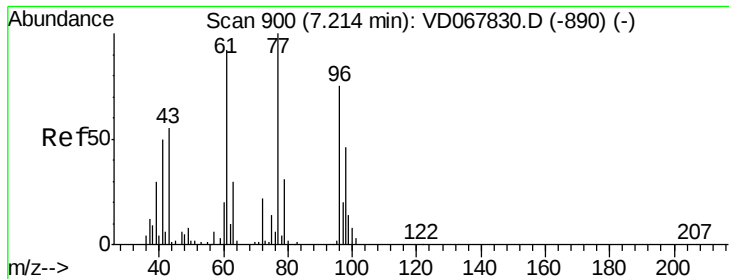


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 275.277 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion: 43 Resp: 92182

Ion Ratio Lower Upper

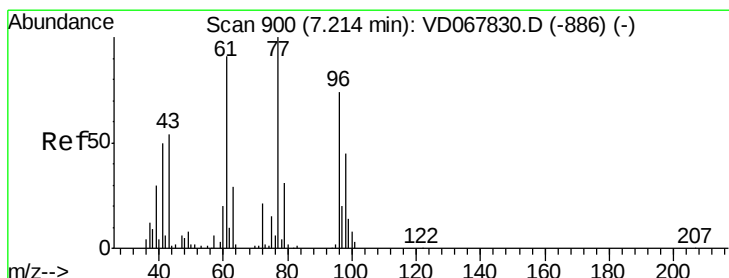
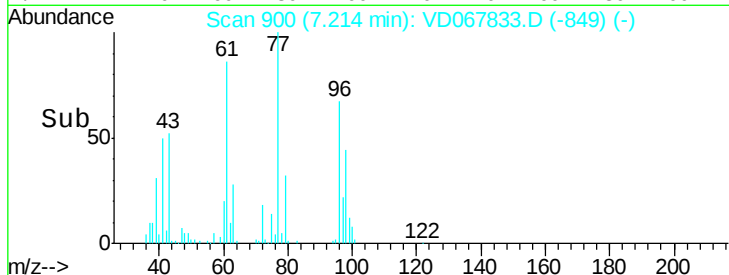
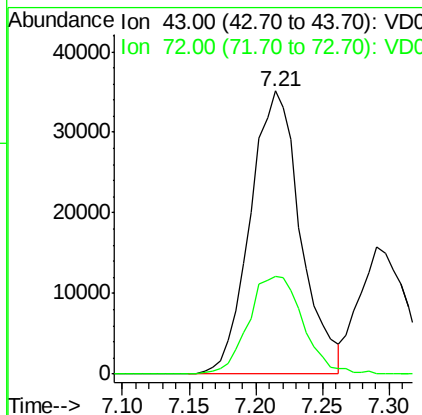
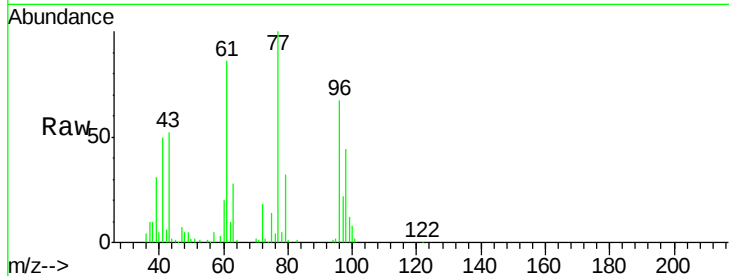
43 100

72 34.3 31.3 46.9

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#26

2,2-Dichloropropane

Concen: 50.957 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067833.D

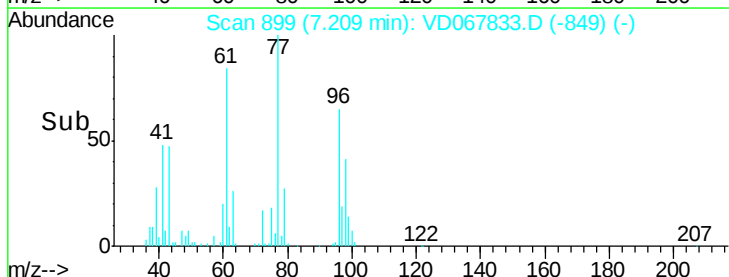
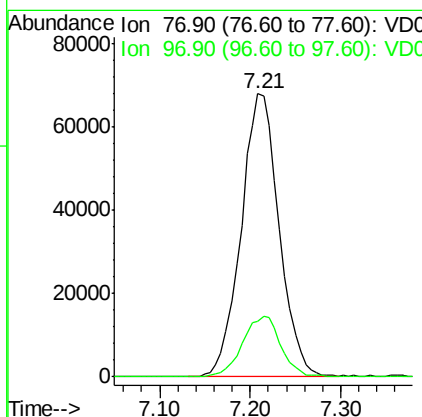
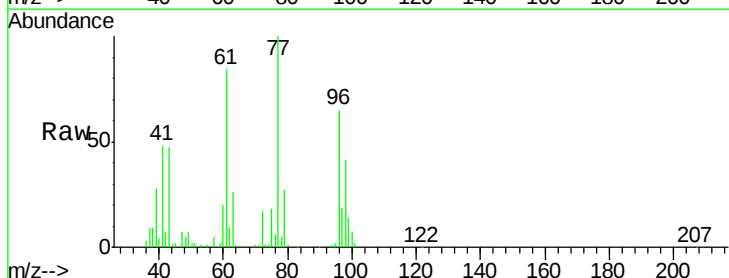
Acq: 01 Dec 2020 13:43

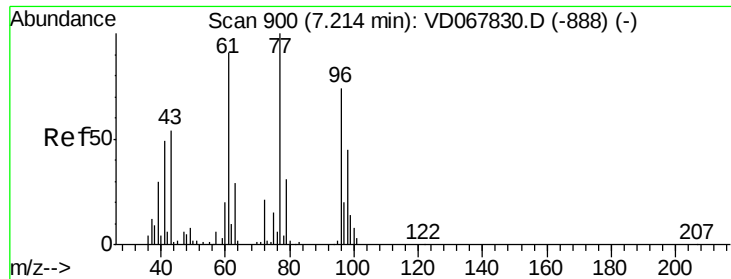
Tgt Ion: 77 Resp: 197102

Ion Ratio Lower Upper

77 100

97 21.4 11.1 33.1





#27

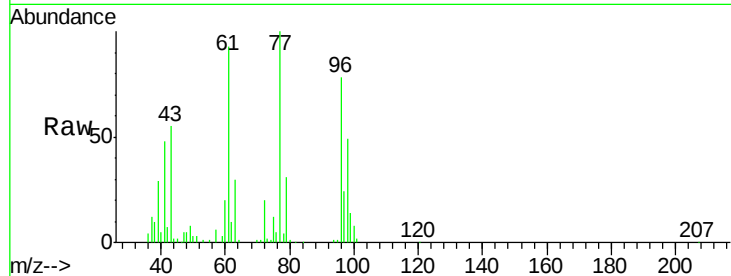
cis-1,2-Dichloroethene
Concen: 51.645 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127836		
61	125.9	0.0	248.4	
98	64.5	0.0	127.4	

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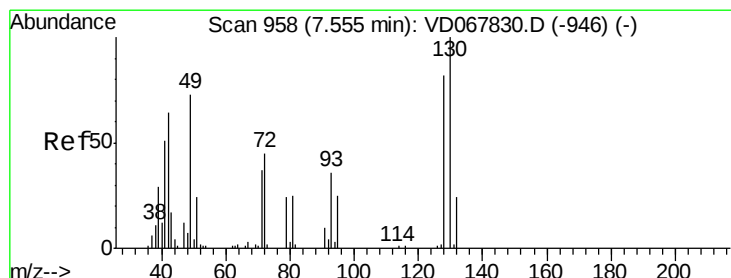
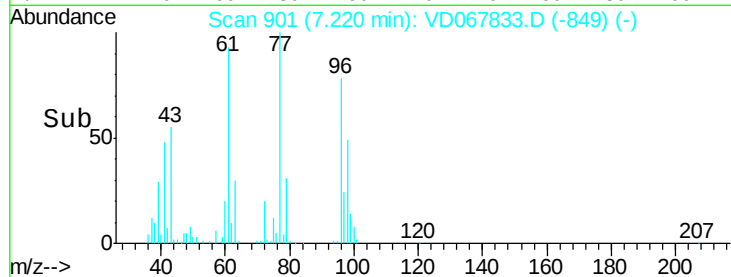
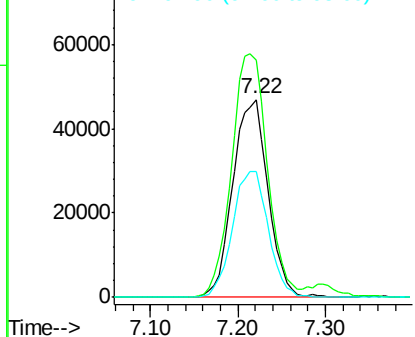


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

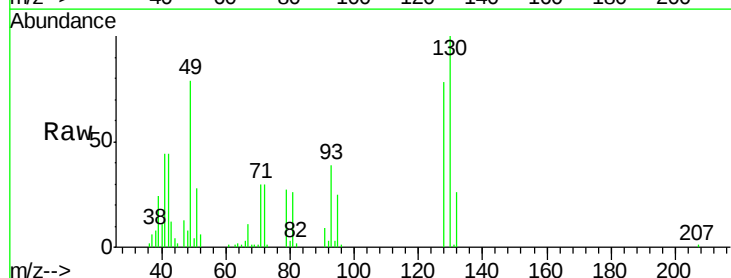
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane
Concen: 54.615 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	56246		
129	1.2	0.0	3.4	
130	135.3	110.2	165.2	

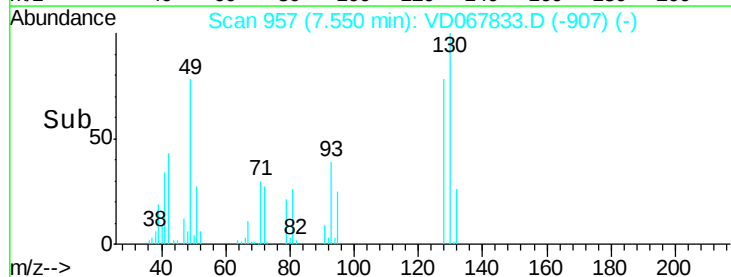
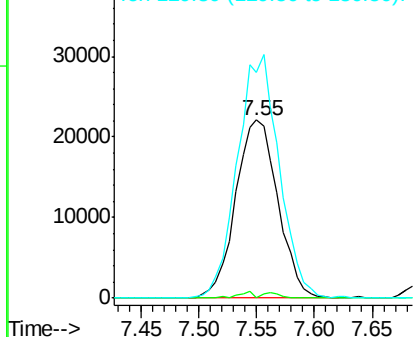


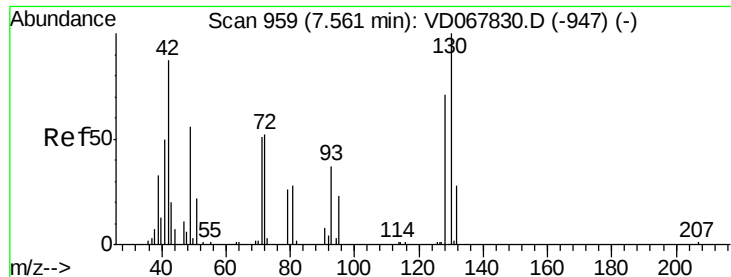
Abundance

Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





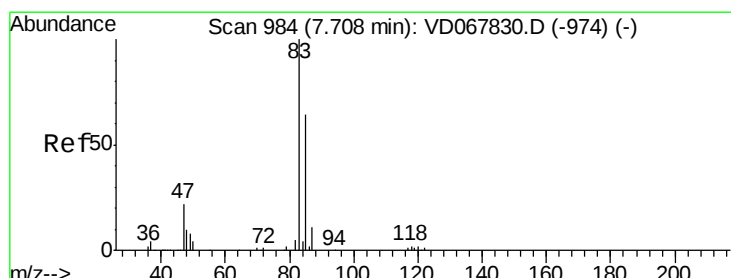
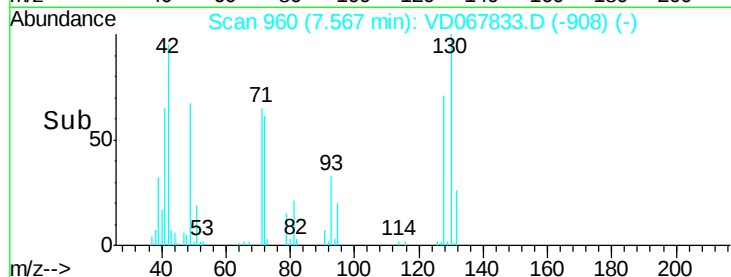
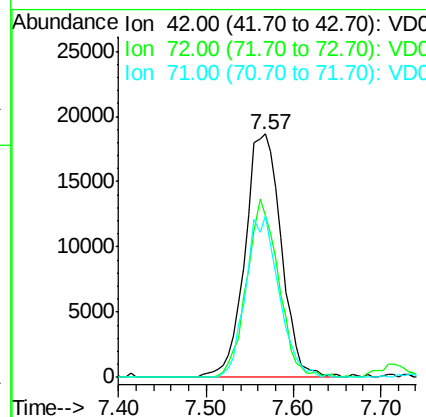
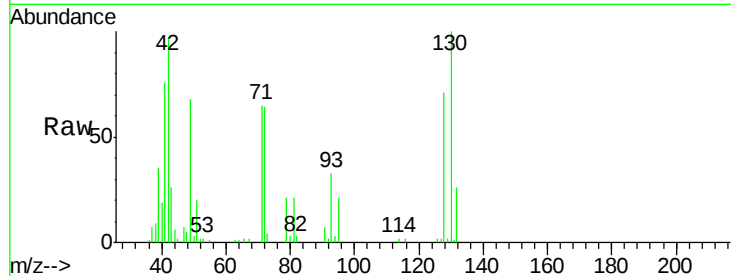
#29
Tetrahydrofuran
Concen: 274.846 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
42	100		
72	64.5	51.9	77.9
71	60.9	48.2	72.4

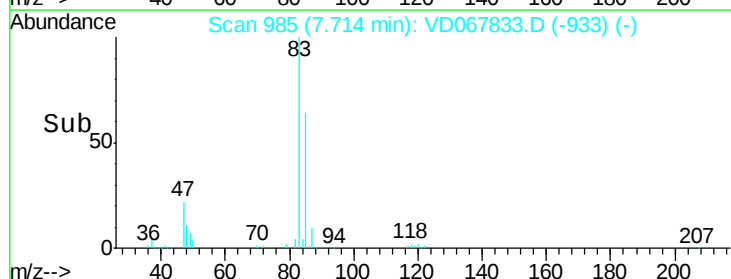
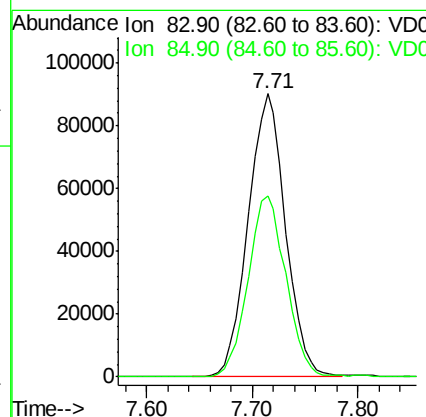
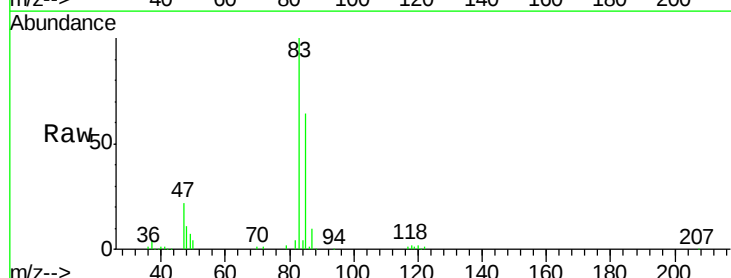
Manual Integrations
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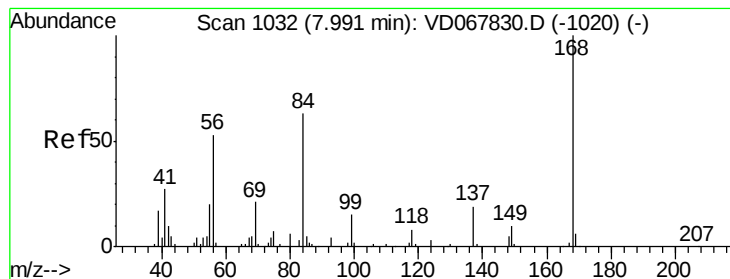
MMDadoda
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#30
Chloroform
Concen: 51.146 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.4





#31

Cyclohexane

Concen: 49.067 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleID :

ICVVD120120

Tot Ion: 56 Resp: 133192

Ion Ratio Lower Upper

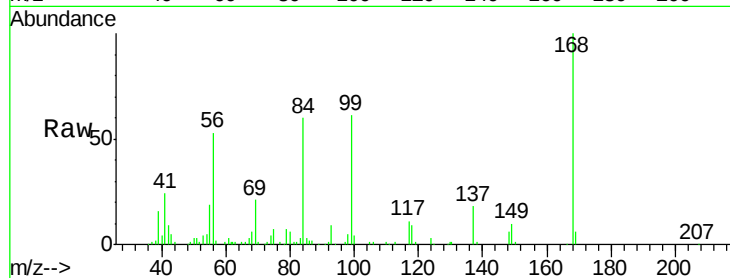
56 100

69 39.3 32.1 48.1

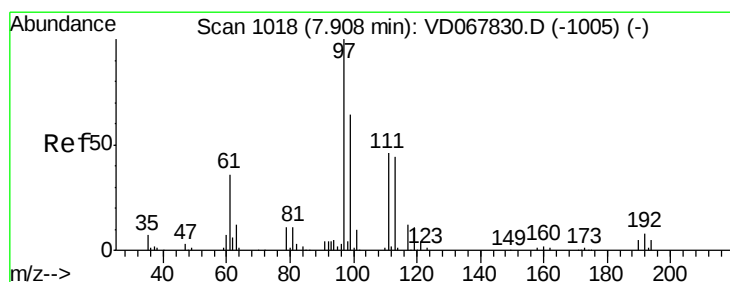
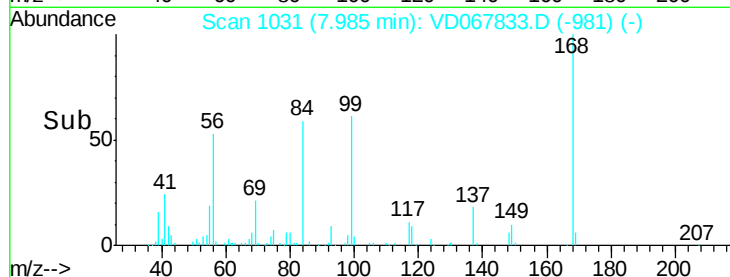
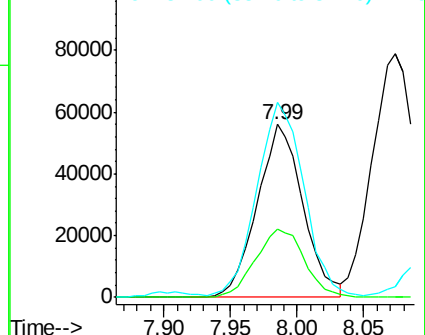
84 110.7 93.2 139.8

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Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 50.588 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

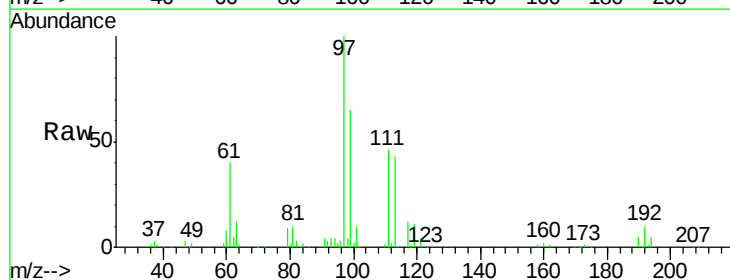
Tgt Ion: 97 Resp: 231485

Ion Ratio Lower Upper

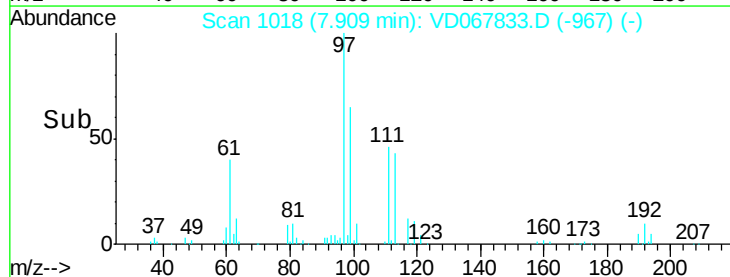
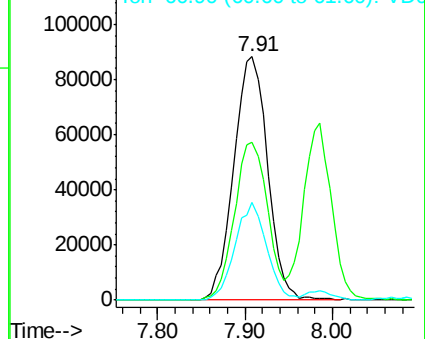
97 100

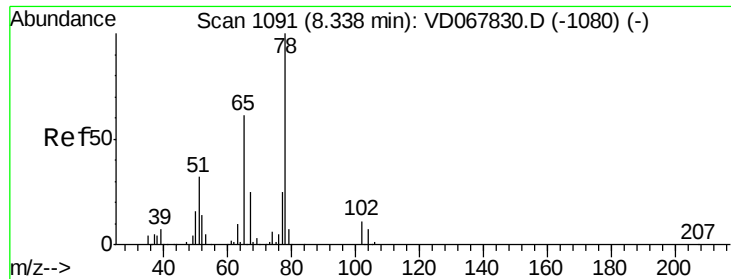
99 63.5 51.4 77.2

61 37.5 30.8 46.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.653 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion: 65 Resp: 127930

Ion Ratio Lower Upper

65 100

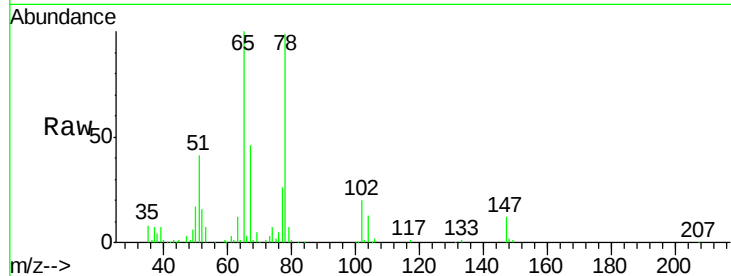
67 46.9 0.0 92.0

Manual Integrations

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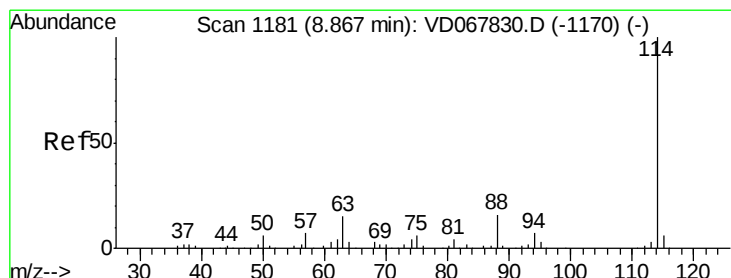
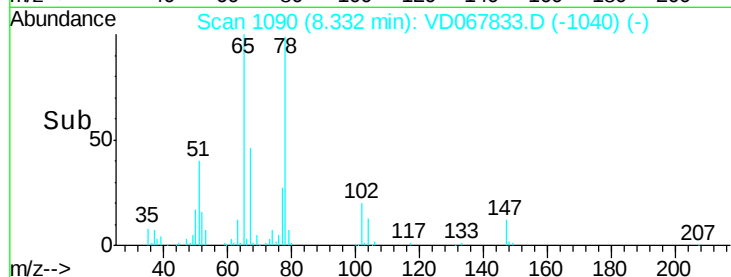
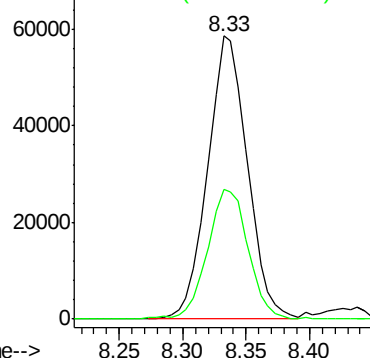
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Abundance Ion 64.90 (64.60 to 65.60): VDC

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: VD067833.D

Acq: 01 Dec 2020 13:43

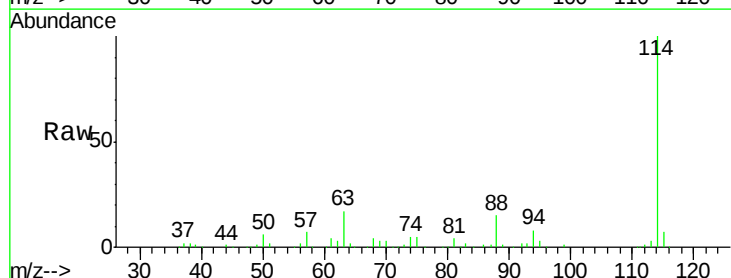
Tgt Ion: 114 Resp: 348979

Ion Ratio Lower Upper

114 100

63 16.7 0.0 30.8

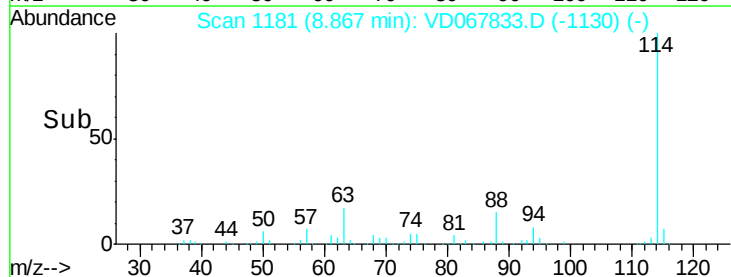
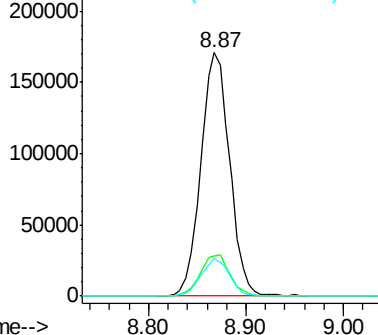
88 15.4 0.0 31.8

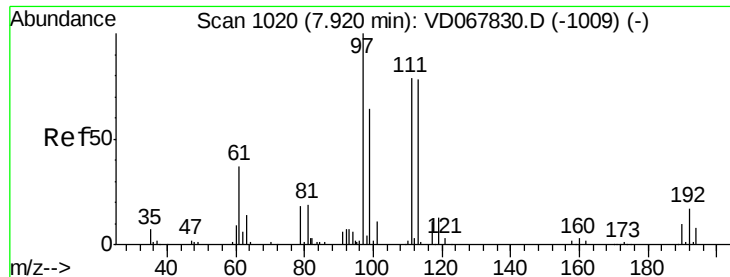


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





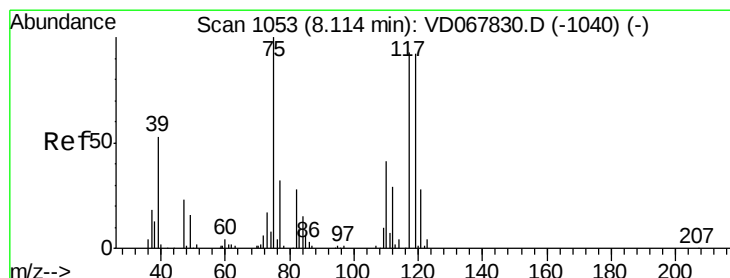
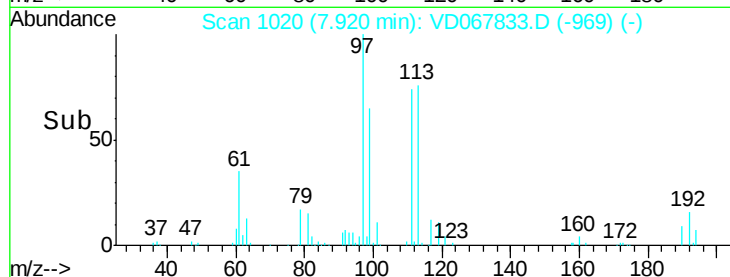
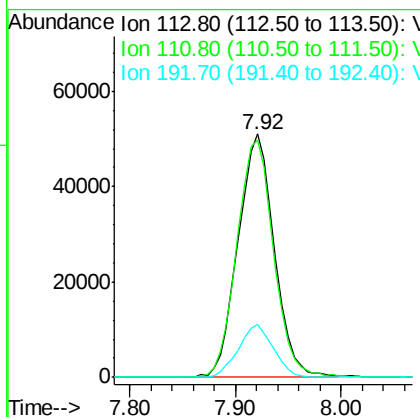
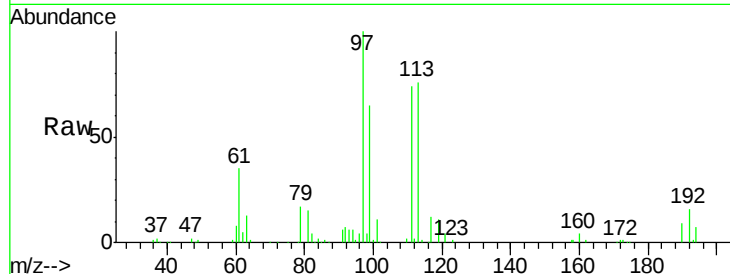
#35
 Dibromofluoromethane
 Concen: 52.045 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121534		
111	99.4	81.2	121.8	
192	20.8	16.8	25.2	

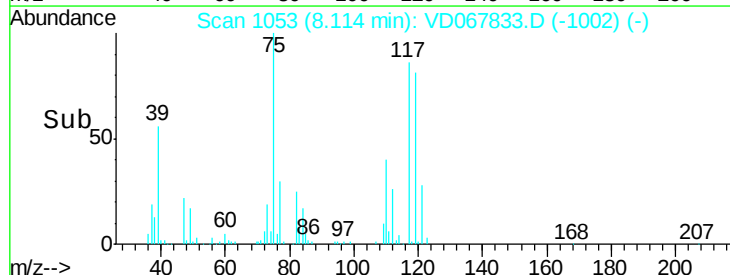
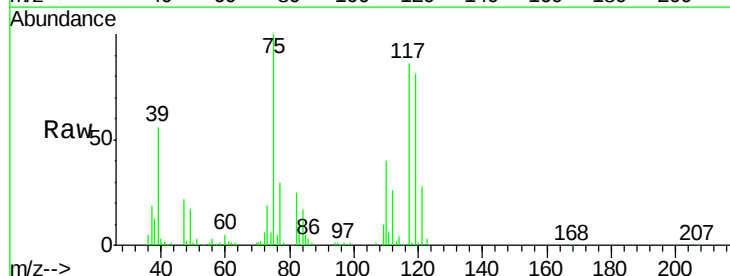
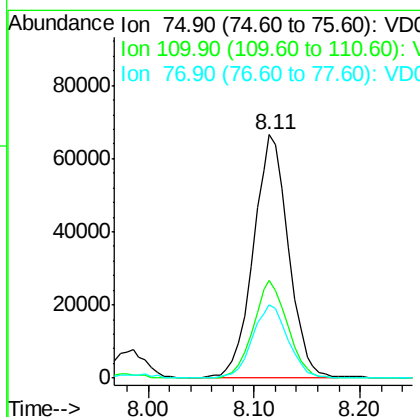
Manual Integrations
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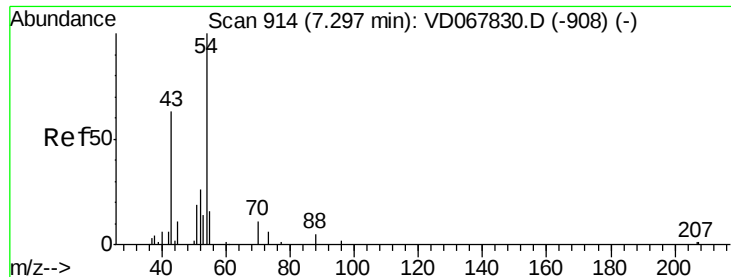
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#36
 1,1-Dichloropropene
 Concen: 50.942 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153900		
110	39.1	20.3	61.0	
77	30.4	24.7	37.1	





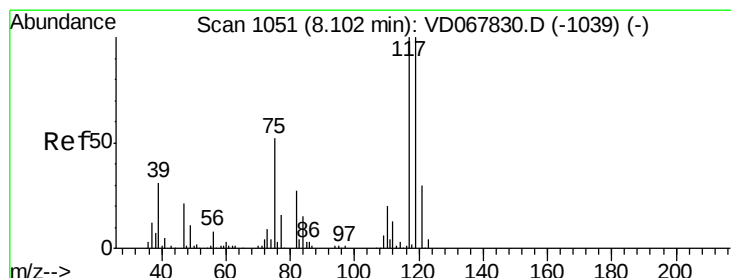
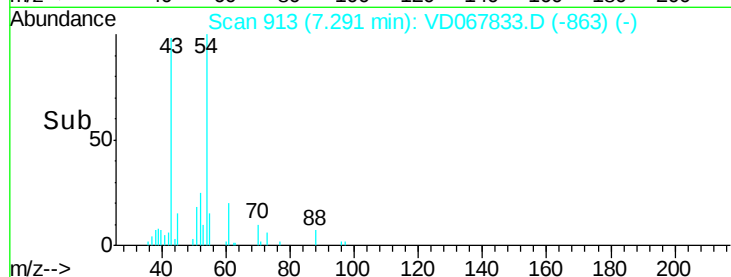
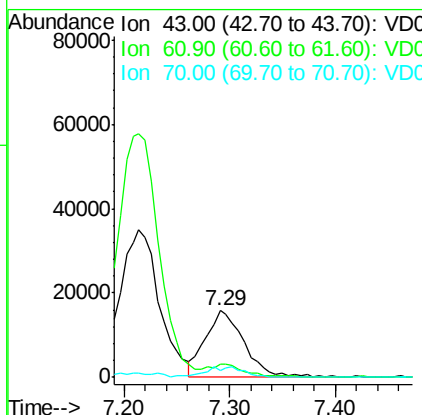
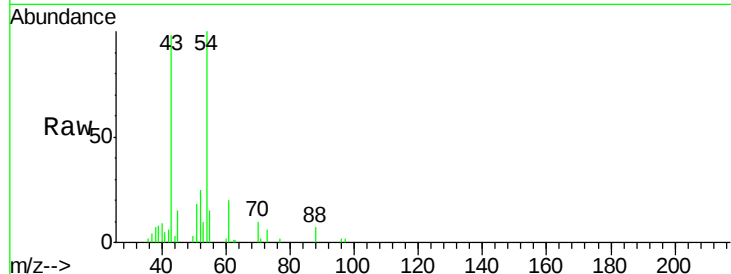
#37
Ethyl Acetate
Concen: 50.045 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.4	17.2
70	5.3	11.5	17.3

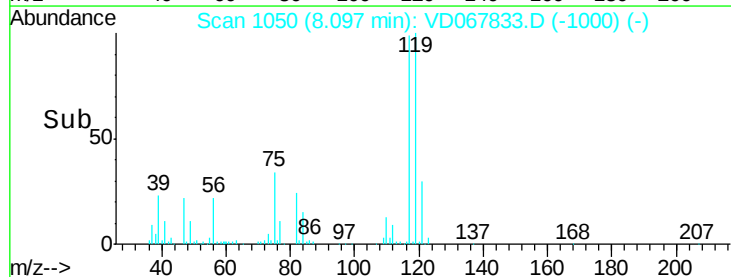
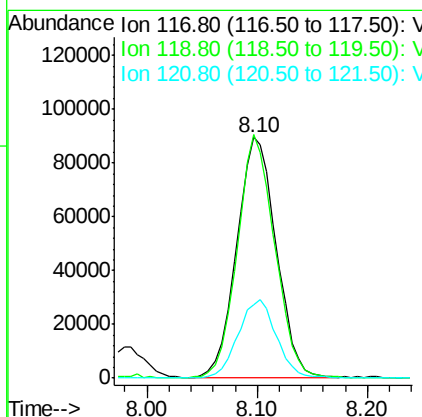
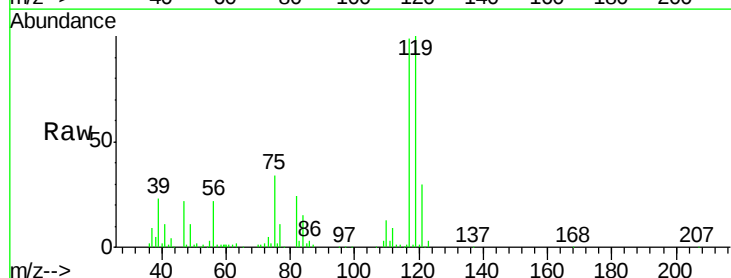
Manual Integrations
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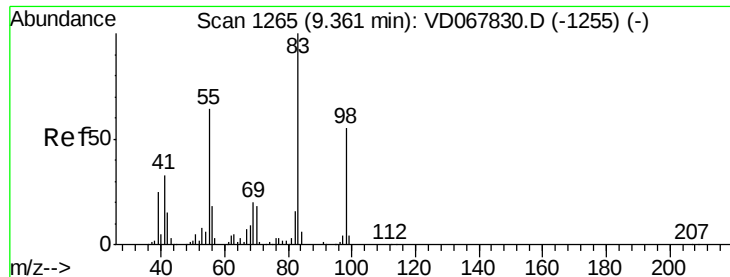
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#38
Carbon Tetrachloride
Concen: 49.289 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	79.7	119.5
121	30.4	23.8	35.6





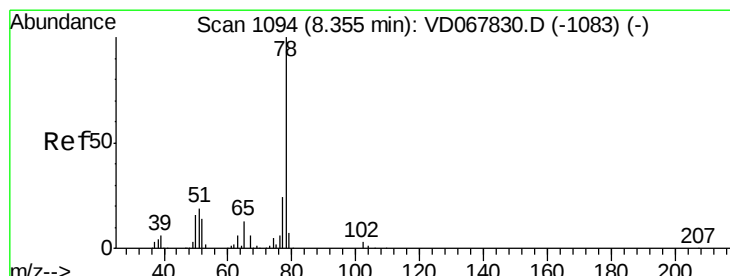
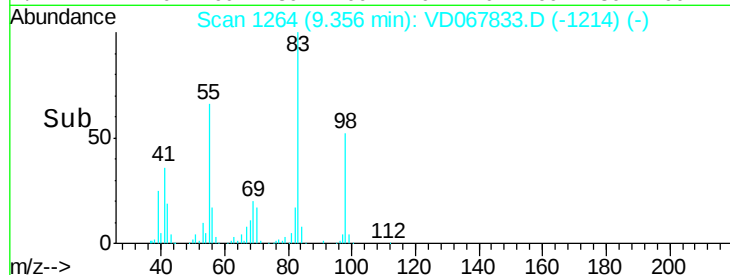
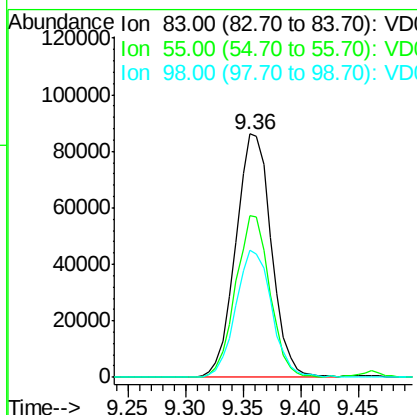
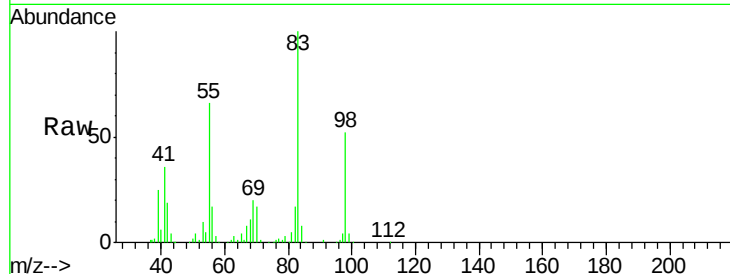
#39
Methvlcvclohexane
Concen: 51.646 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	184898		
55	66.4	51.6	77.4	
98	52.0	44.3	66.5	

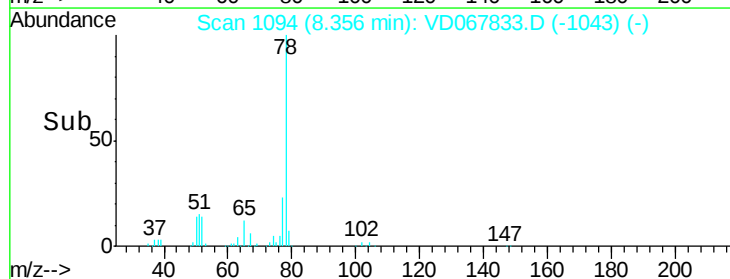
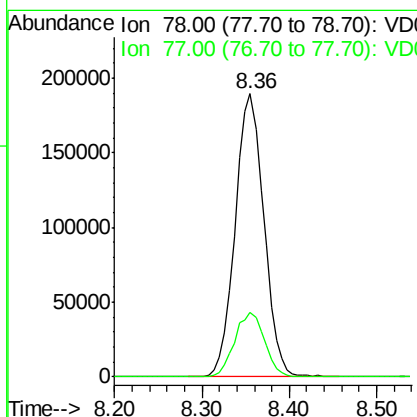
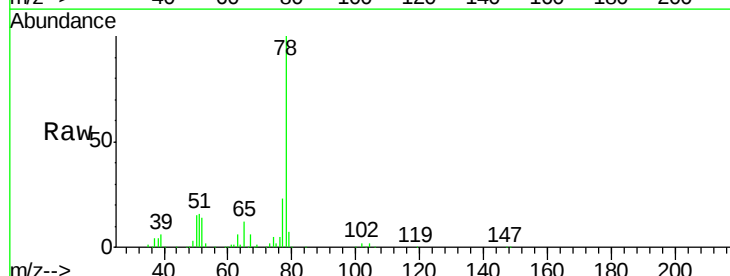
Manual Integrations
APPROVED

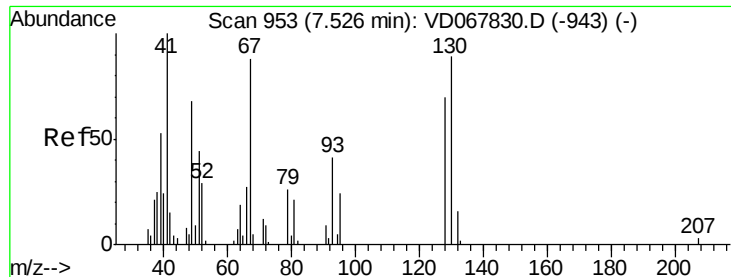
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#40
Benzene
Concen: 50.835 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	420226		
77	22.7	19.1	28.7	





#41

Methacrylonitrile

Concen: 63.700 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

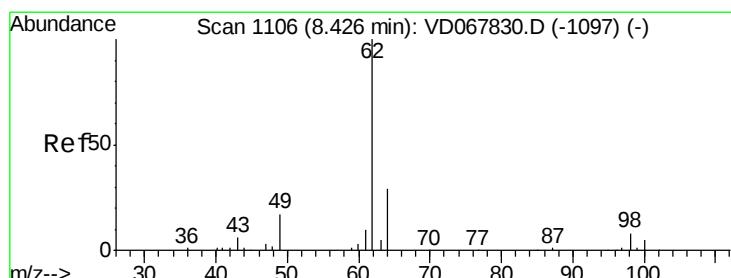
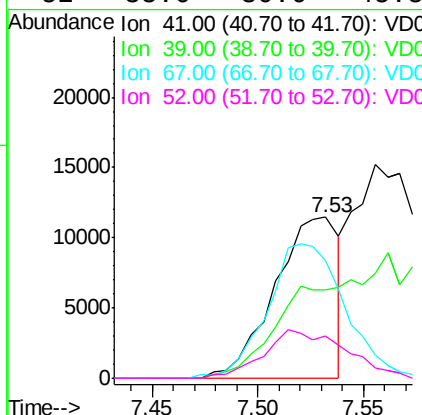
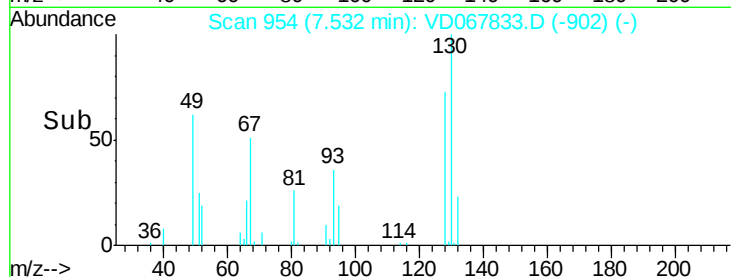
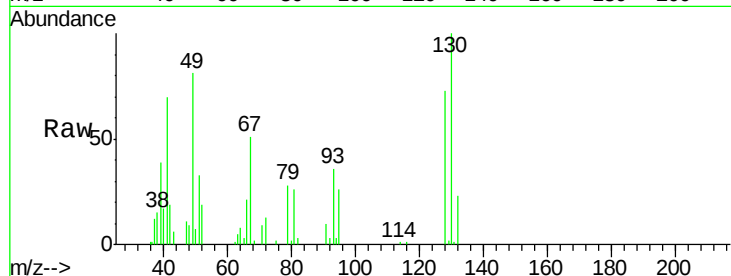
ClientSampleId :

ICVVD120120

Tot Ion:	41	Resp:	24156
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.1	63.1#
67	100.9	82.4	123.6
52	38.6	30.6	45.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.656 ug/l

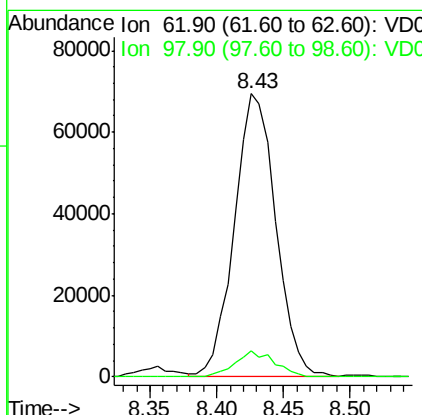
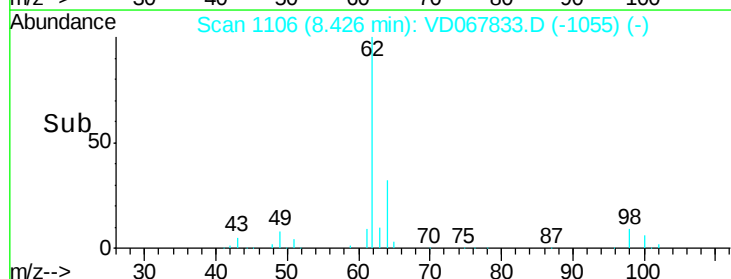
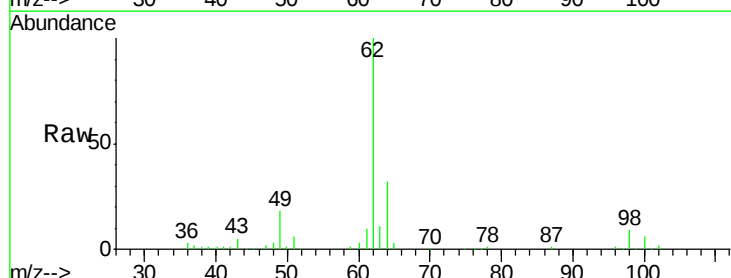
RT: 8.43 min Scan# 1106

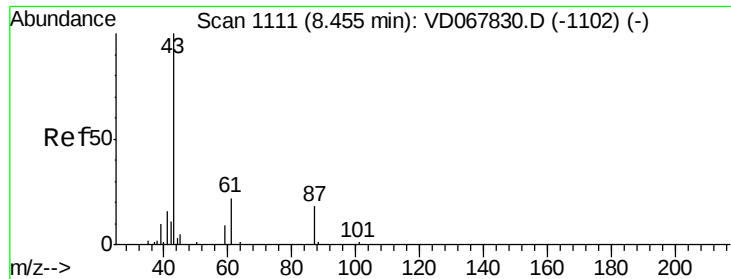
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	62	Resp:	149245
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 51.128 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

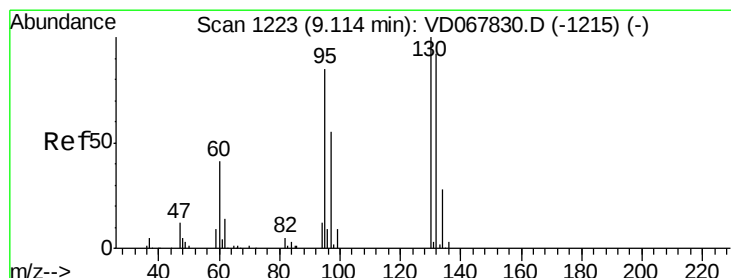
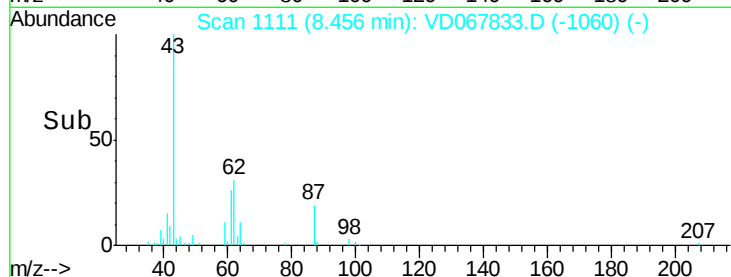
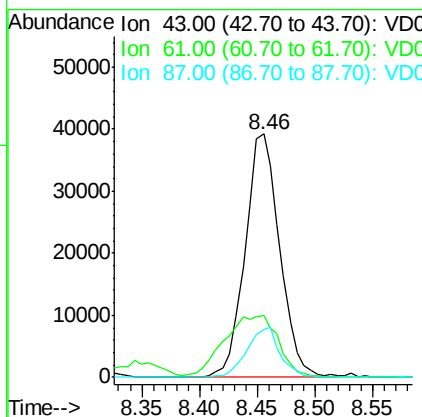
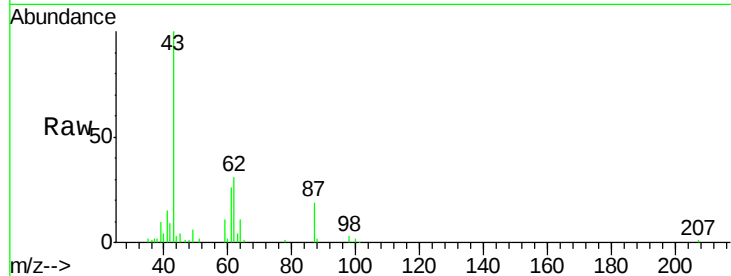
ClientSampleId :

ICVVD120120

Tot Ion:	43	Resp:	81911
Ion	Ratio	Lower	Upper
43	100		
61	39.9	30.4	45.6
87	19.7	16.2	24.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.300 ug/l

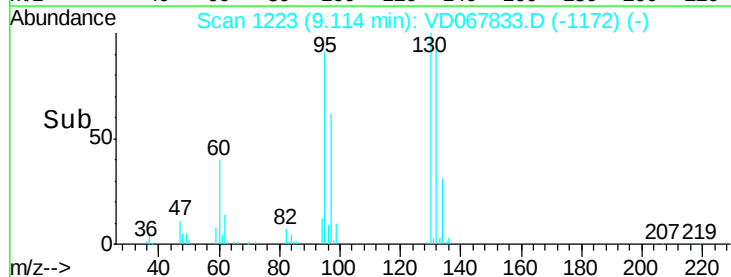
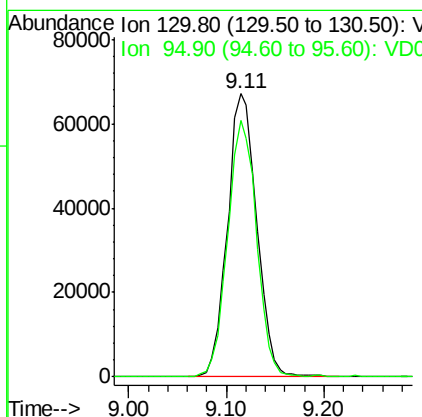
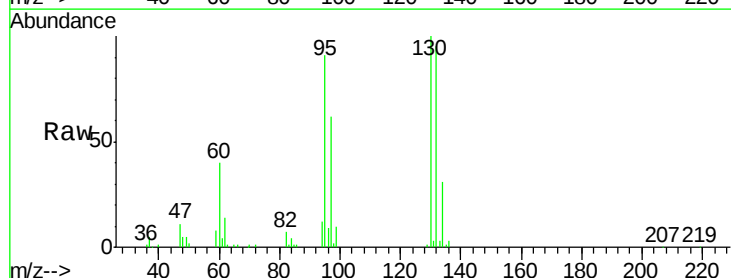
RT: 9.11 min Scan# 1223

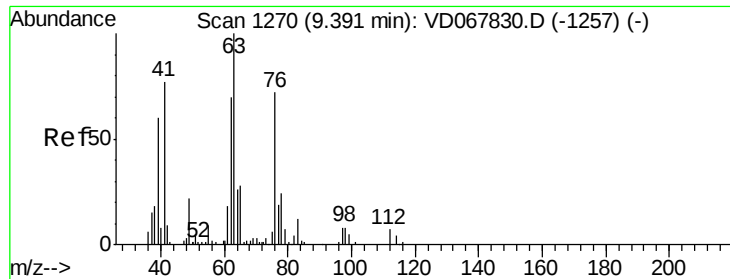
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	130	Resp:	140118
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	170.2





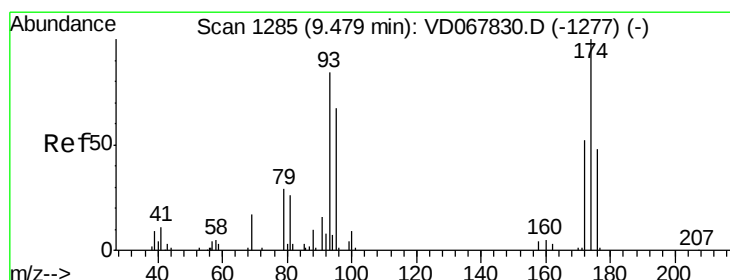
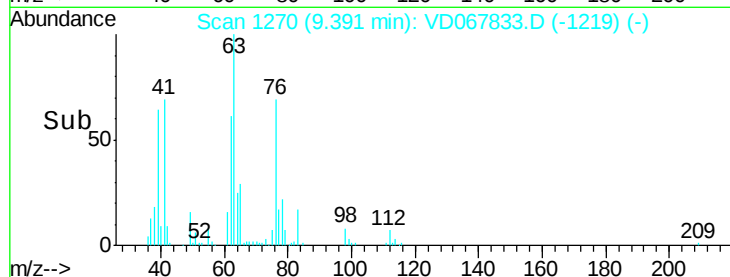
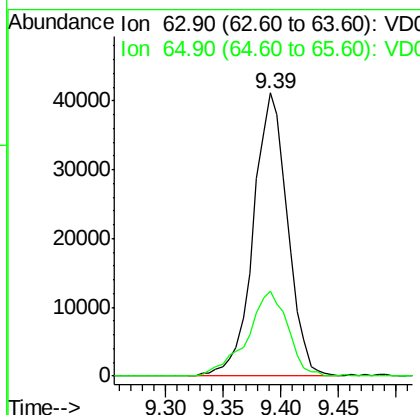
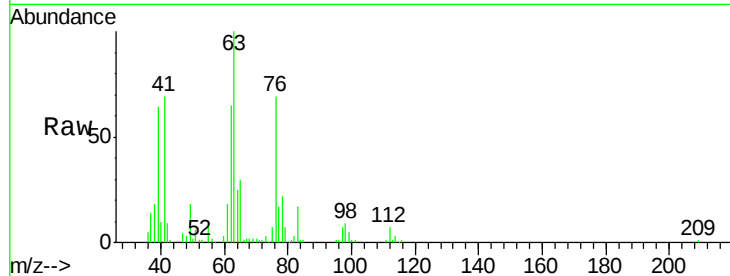
#45
 1,2-Dichloropropane
 Concen: 50.216 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

Tot Ion: 63 Resp: 85199
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.8 34.2

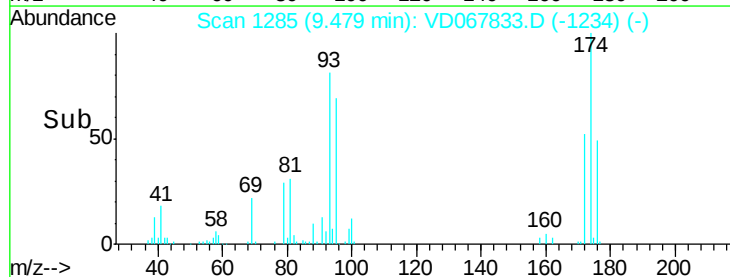
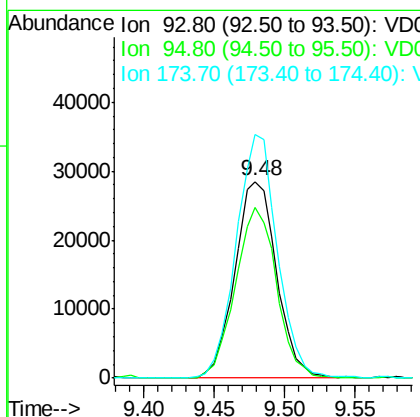
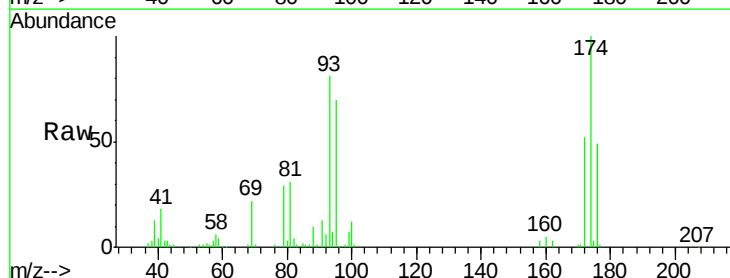
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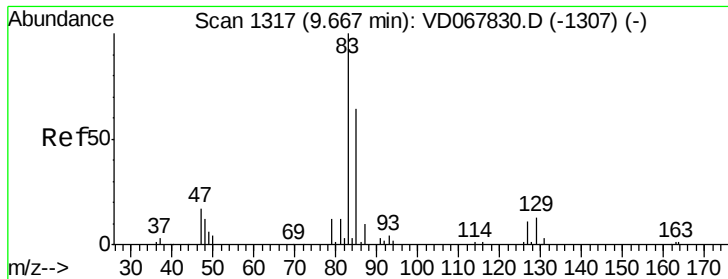
MMDadoda
 12/2/2020 12:24:07 PM



#46
 Dibromomethane
 Concen: 50.012 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion: 93 Resp: 58996
 Ion Ratio Lower Upper
 93 100
 95 85.6 64.2 96.4
 174 122.1 91.5 137.3





#47

Bromodichloromethane

Concen: 50.540 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

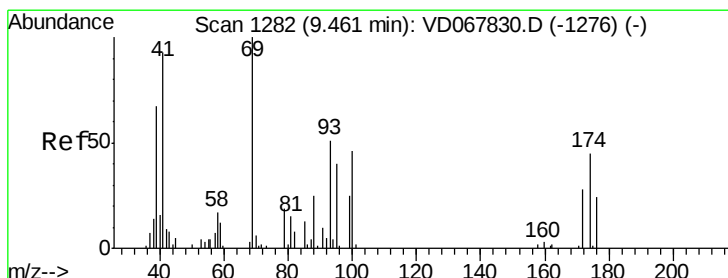
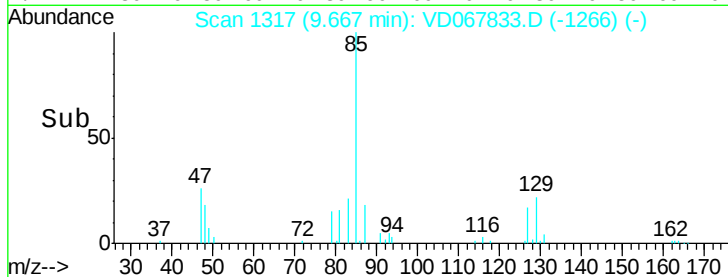
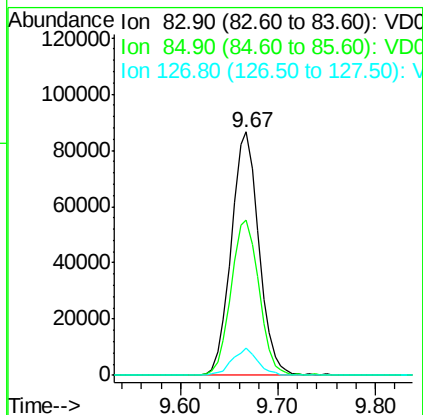
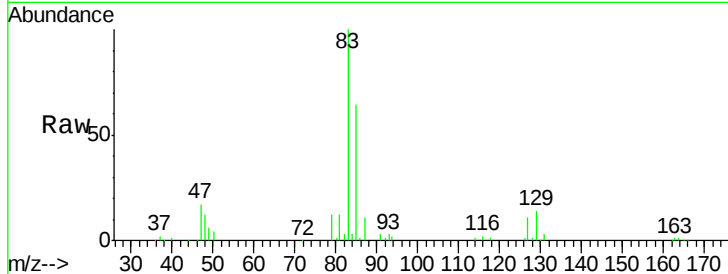
ClientSampleId :

ICVVD120120

Tot Ion:	83	Resp:	169967
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	11.1	8.5	12.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.598 ug/l

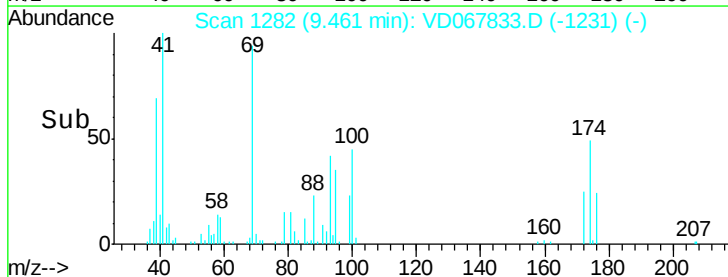
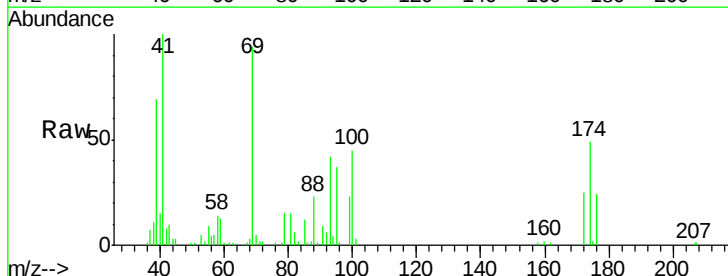
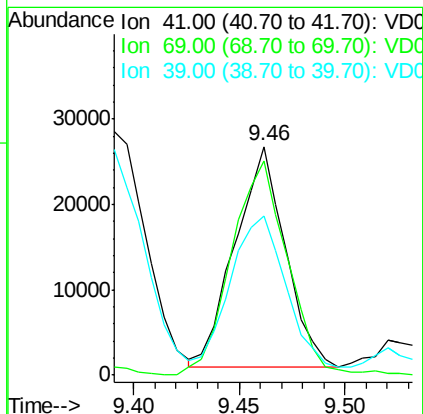
RT: 9.46 min Scan# 1282

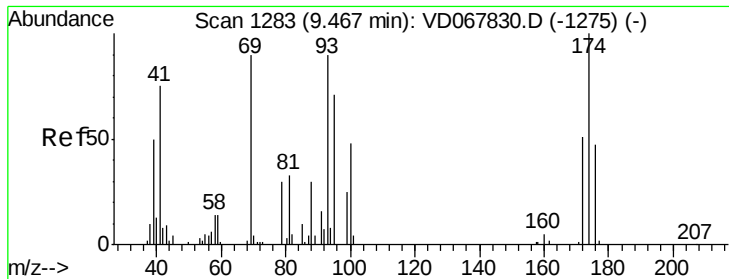
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	41	Resp:	42789
Ion	Ratio	Lower	Upper
41	100		
69	108.2	87.6	131.4
39	83.3	61.2	91.8





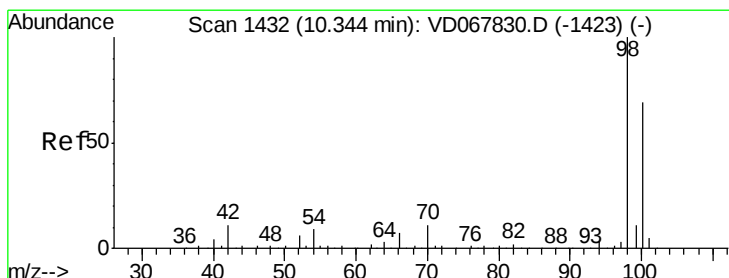
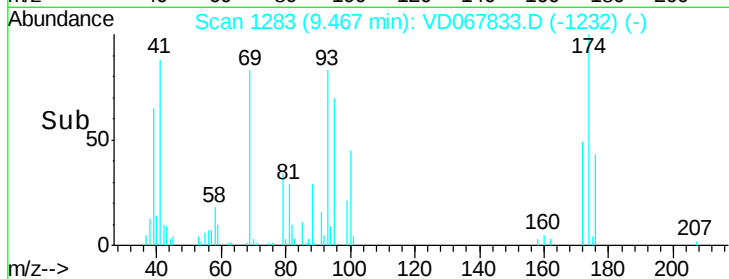
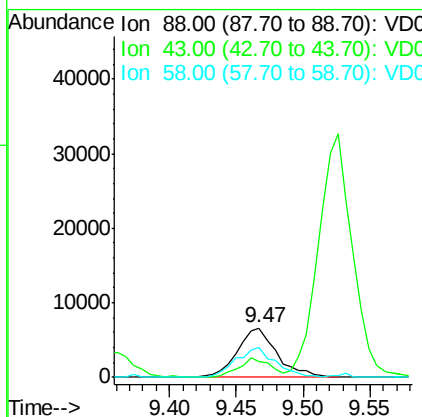
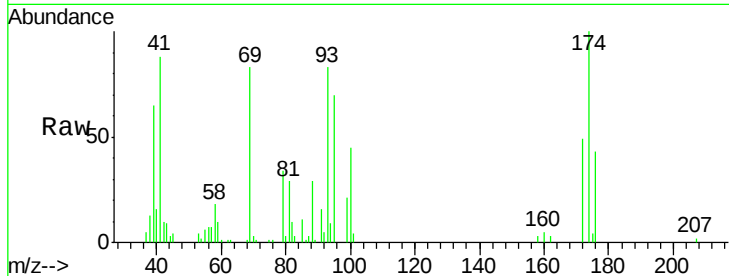
#49
1,4-Dioxane
Concen: 1009.179 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	30.1	45.1
58	59.8	42.4	63.6

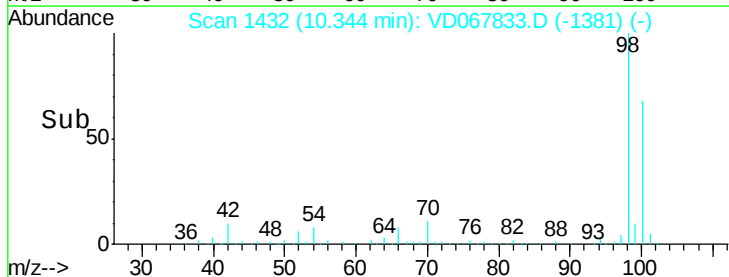
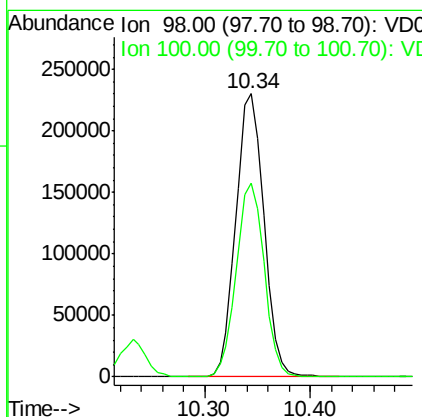
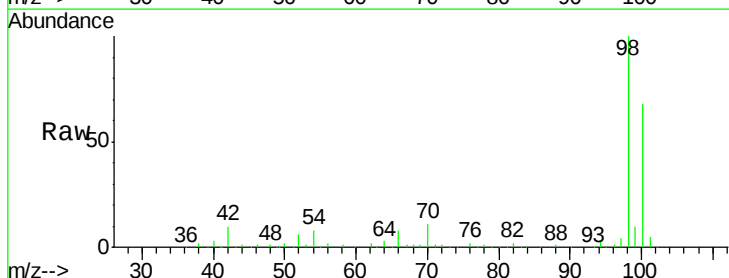
Manual Integrations
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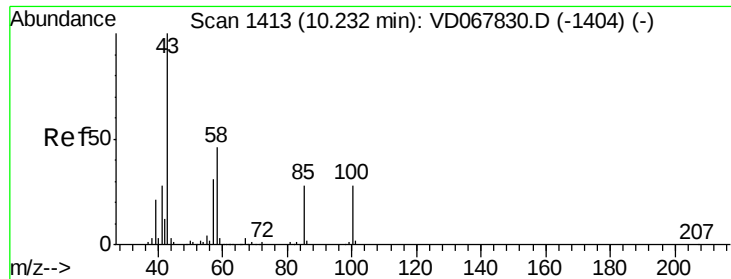
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#50
Toluene-d8
Concen: 50.474 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.5	52.9	79.3





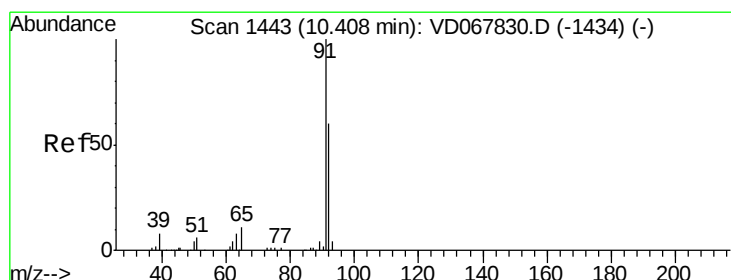
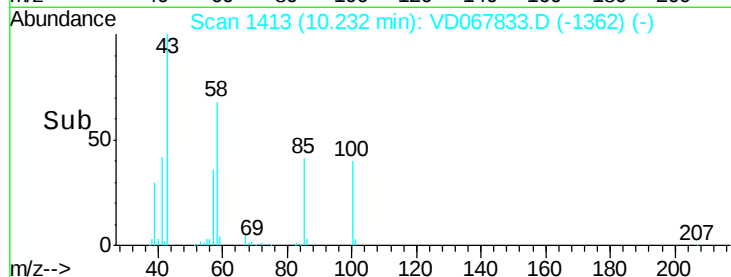
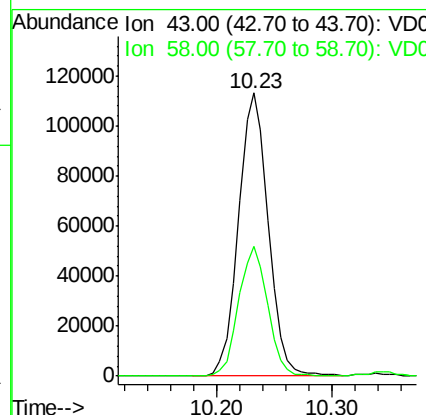
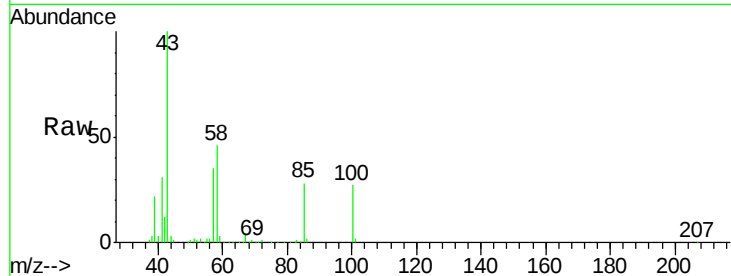
#51
4-Methyl-2-Pentanone
Concen: 266.270 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	43	Resp	201899
Ion Ratio	100	Lower	Upper
43	100		
58	44.6	35.7	53.5

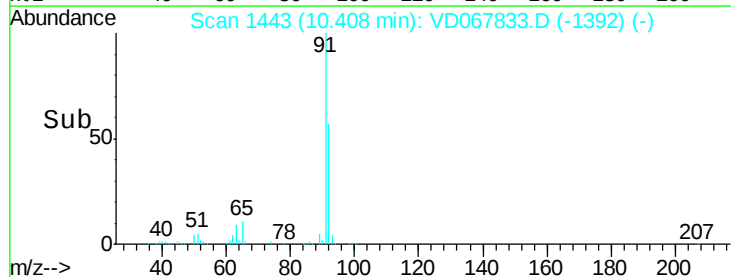
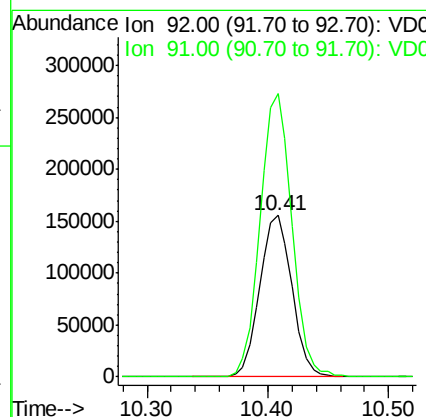
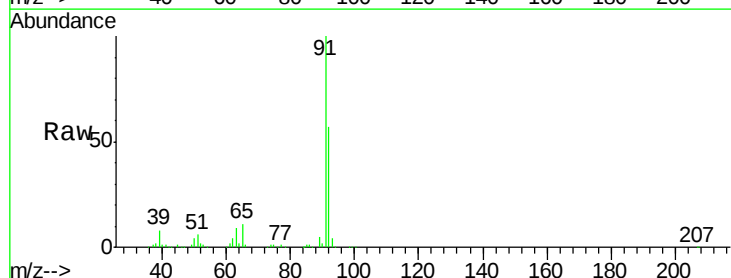
Manual Integrations
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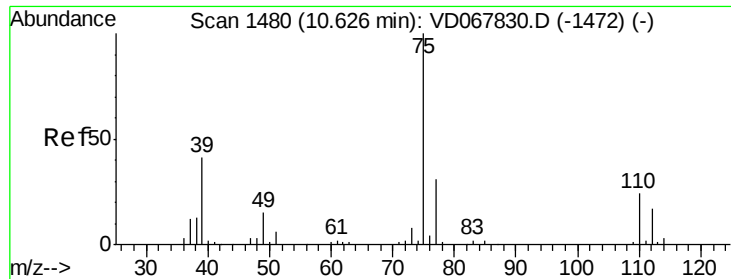
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#52
Toluene
Concen: 50.069 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	92	Resp	289379
Ion Ratio	100	Lower	Upper
92	100		
91	173.4	134.2	201.2





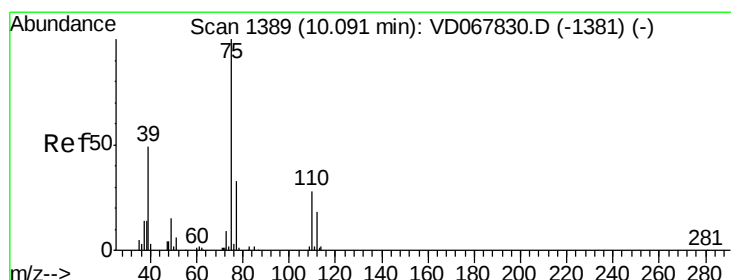
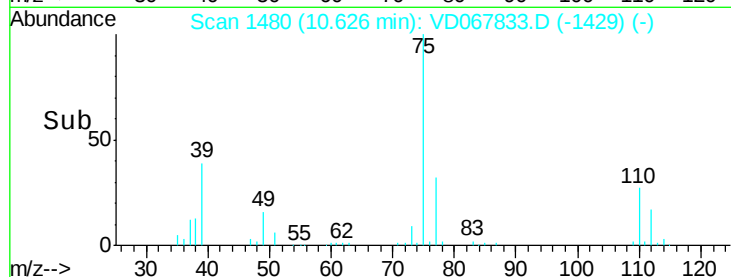
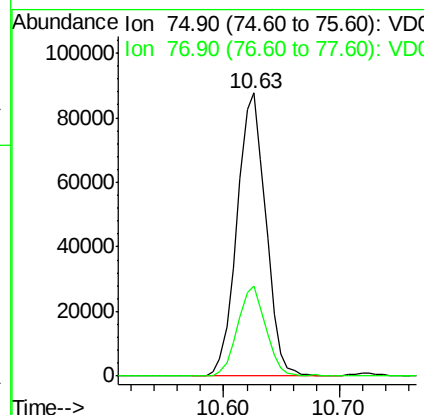
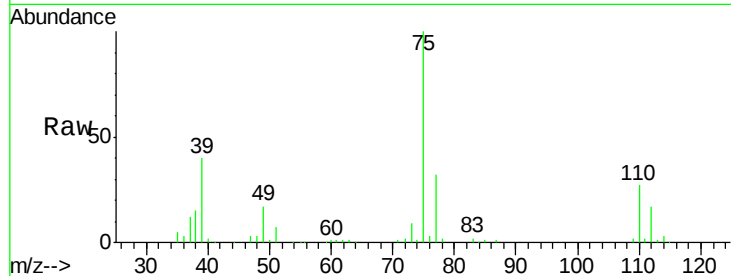
#53
t-1,3-Dichloropropene
Concen: 52.328 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4

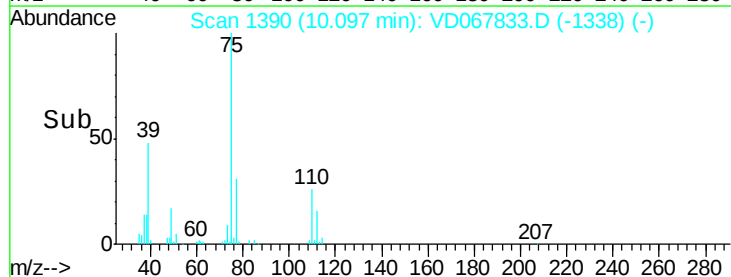
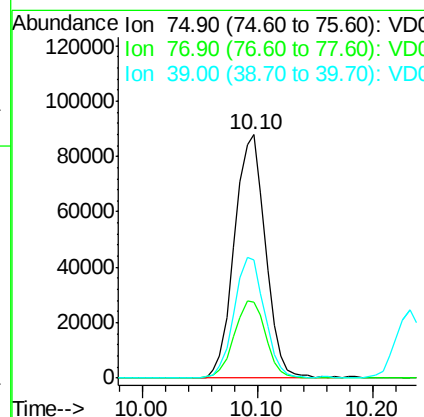
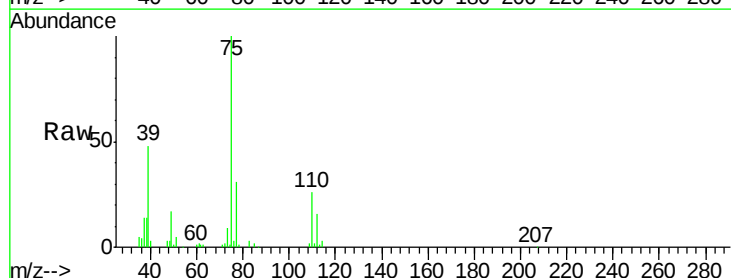
Manual Integrations
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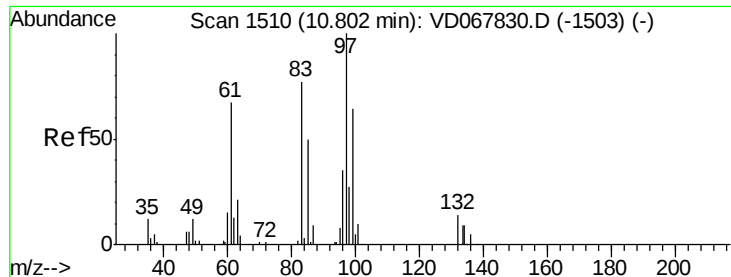
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#54
cis-1,3-Dichloropropene
Concen: 51.992 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2
39	48.3	39.0	58.4





#55

1,1,2-Trichloroethane

Concen: 49.578 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

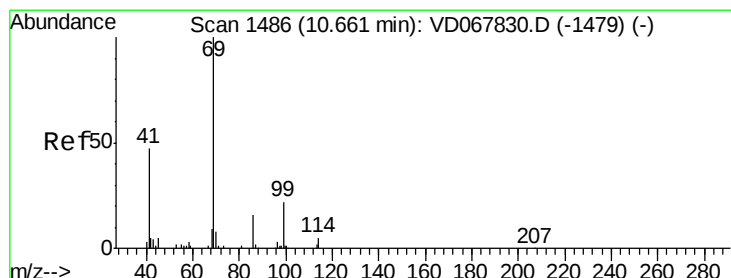
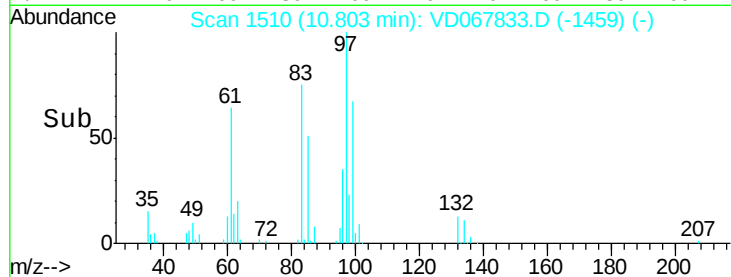
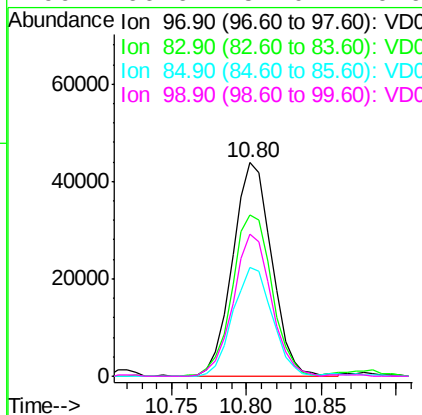
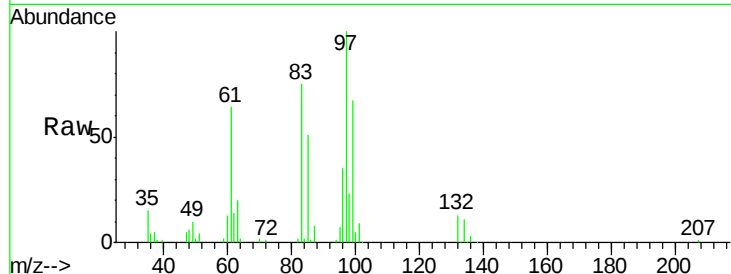
ClientSampleId :

ICVVD120120

Tot Ion:	97	Resp:	80037
Ion	Ratio	Lower	Upper
97	100		
83	74.9	61.9	92.9
85	50.8	40.2	60.4
99	66.6	51.0	76.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.482 ug/l

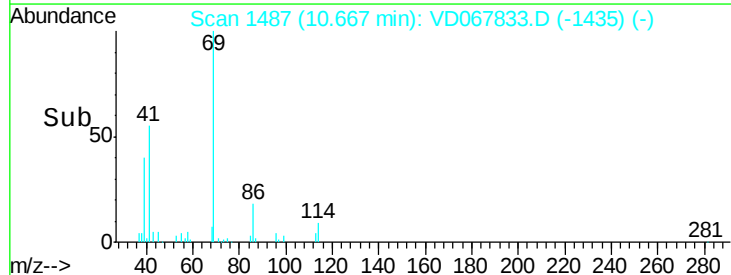
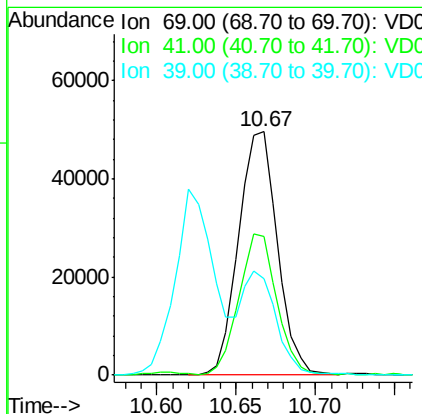
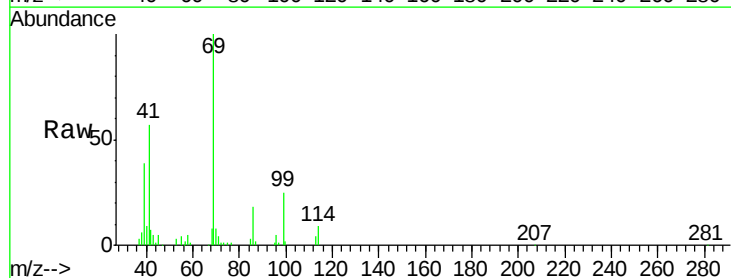
RT: 10.67 min Scan# 1487

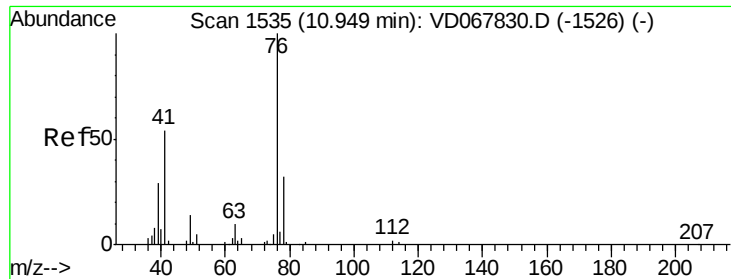
Delta R.T. 0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	69	Resp:	84561
Ion	Ratio	Lower	Upper
69	100		
41	56.7	42.8	64.2
39	36.2	30.5	45.7





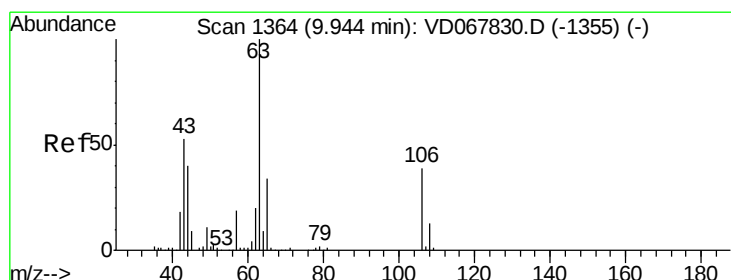
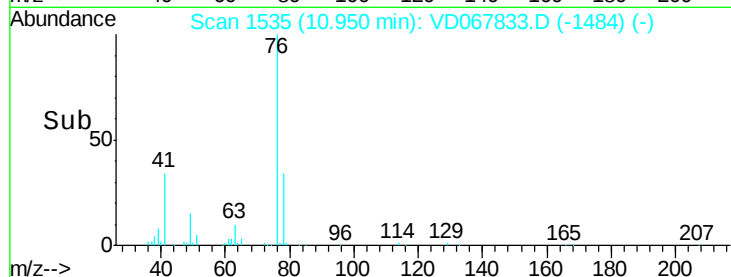
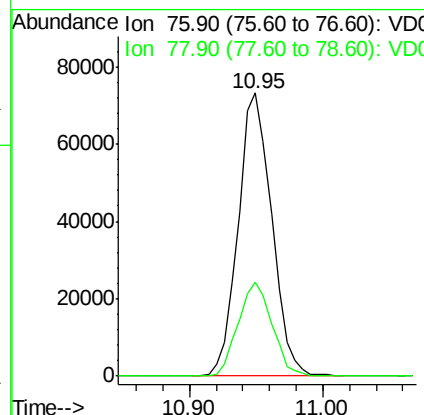
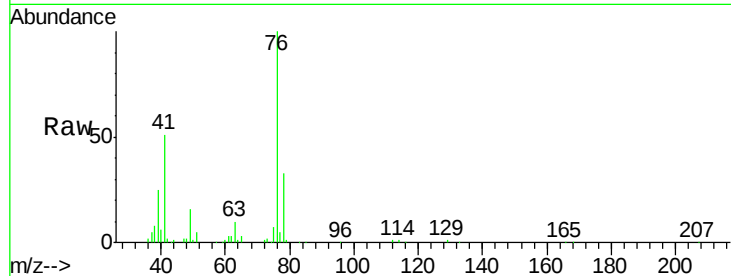
#57
 1,3-Dichloropropane
 Concen: 50.006 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.6	39.8

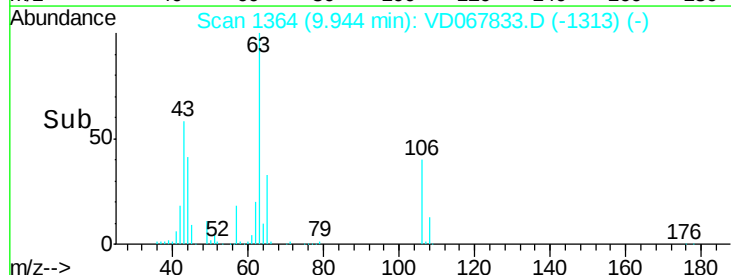
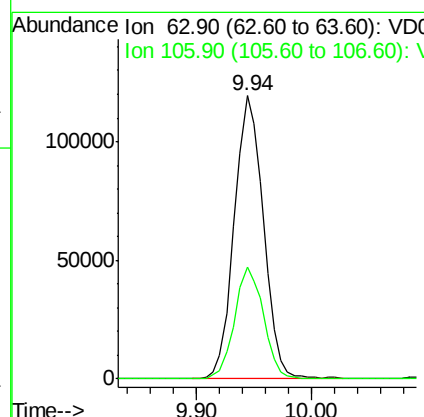
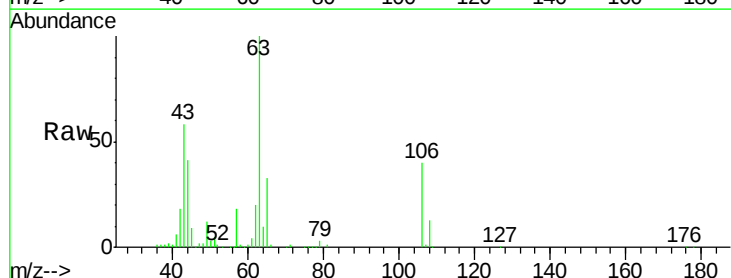
Manual Integrations
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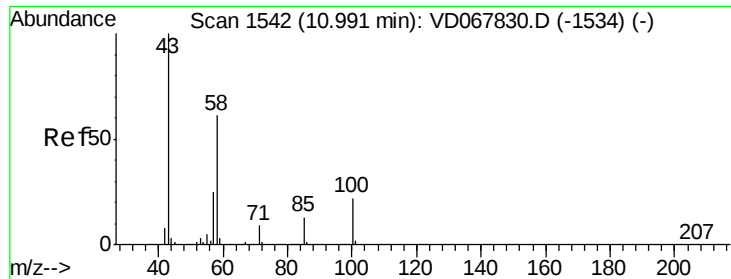
MMDadoda
 12/2/2020 12:24:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.701 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	39.5	32.0	48.0





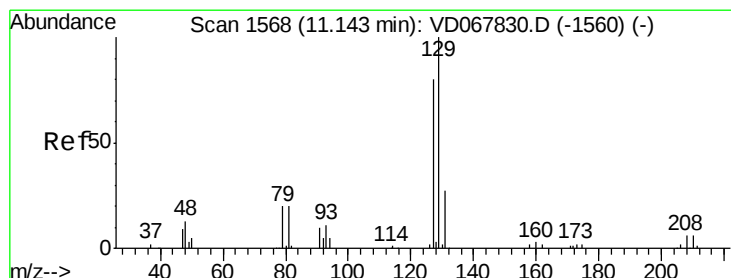
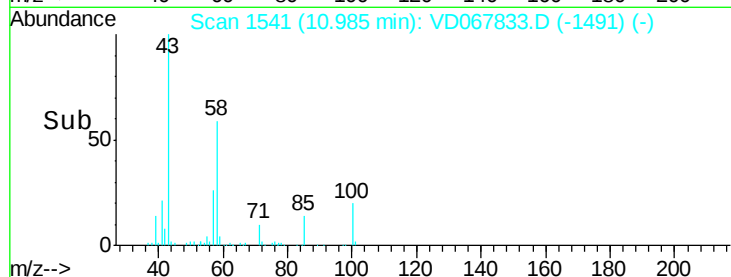
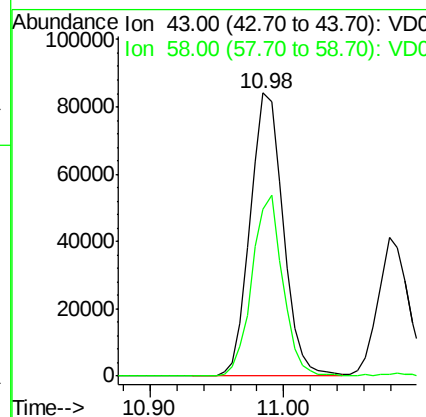
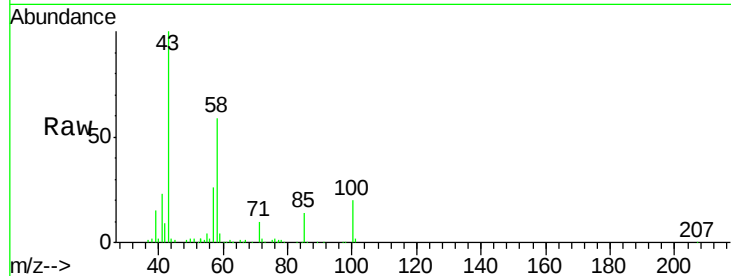
#59
2-Hexanone
Concen: 268.515 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.4	29.9	89.7

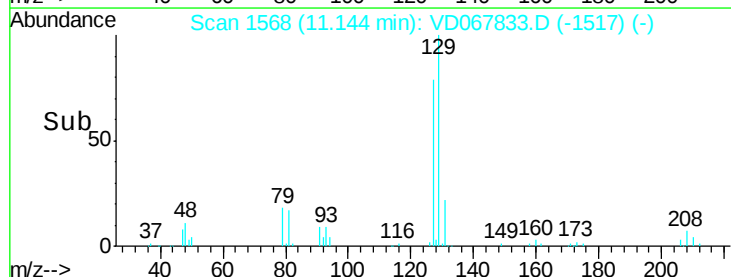
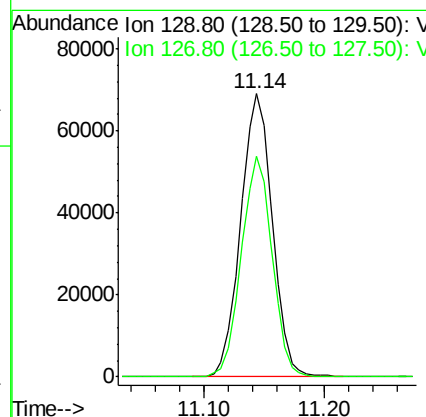
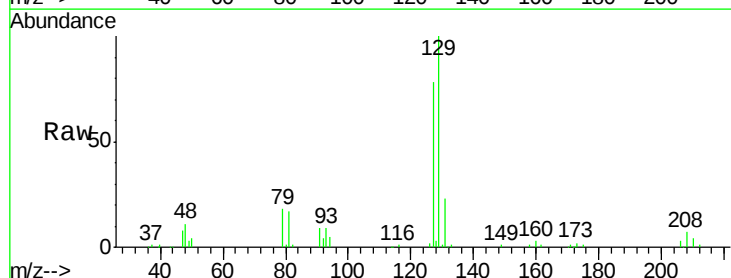
Manual Integrations
APPROVED

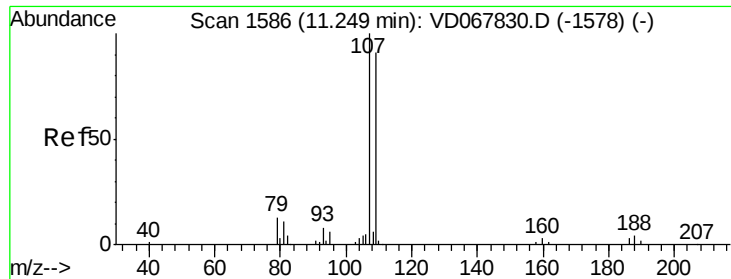
MMDadoda
12/2/2020 12:24:07 PM



#60
Dibromochloromethane
Concen: 51.990 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.8	39.2	117.6





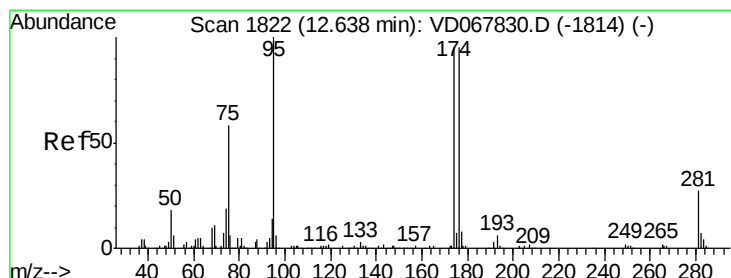
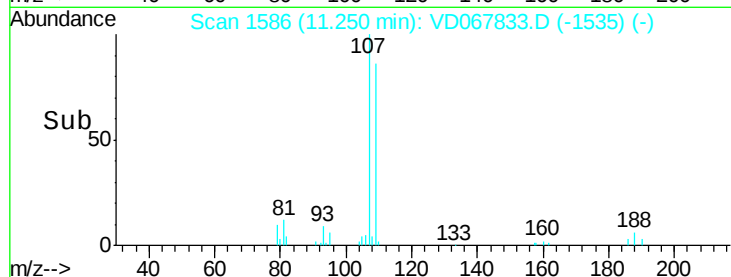
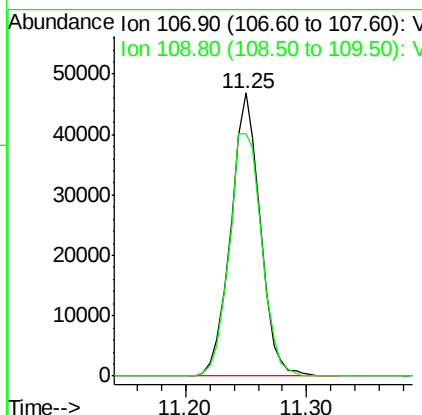
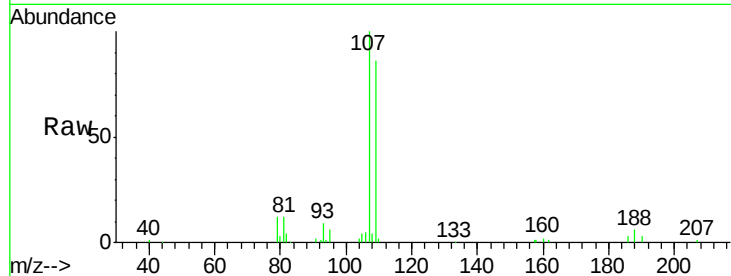
#61
 1,2-Dibromoethane
 Concen: 50.070 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.9	113.9

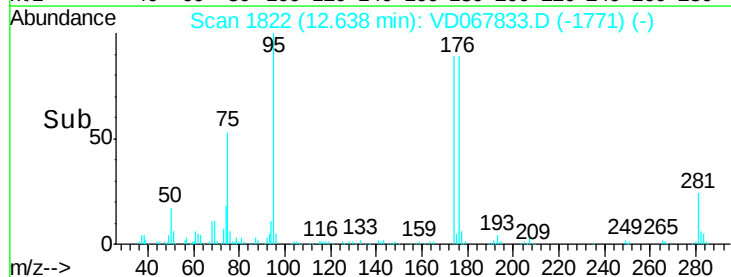
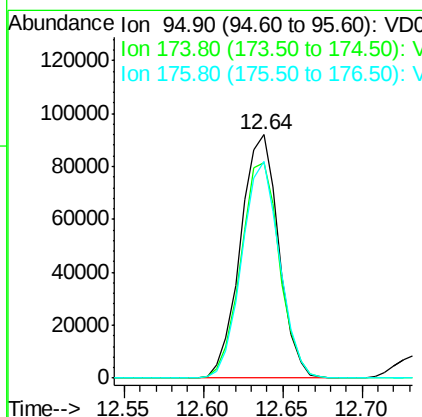
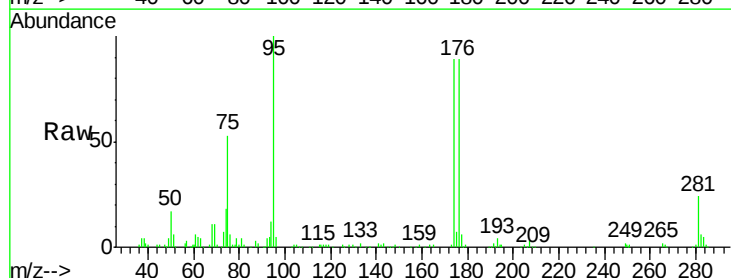
Manual Integrations
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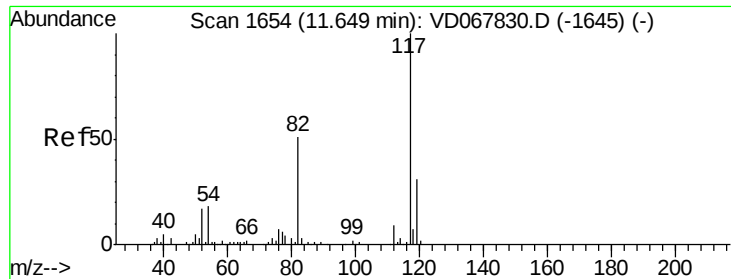
MMDadoda
 12/2/2020 12:24:07 PM



#62
 4-Bromofluorobenzene
 Concen: 52.961 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	186.0
176	88.3	0.0	184.2





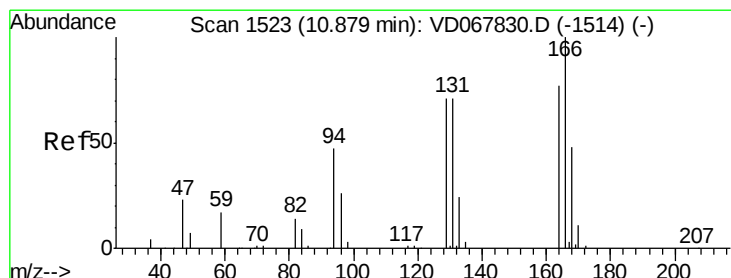
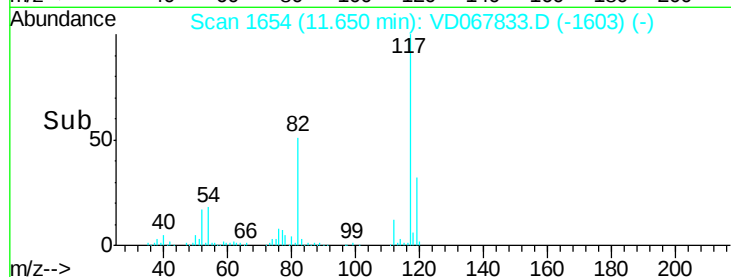
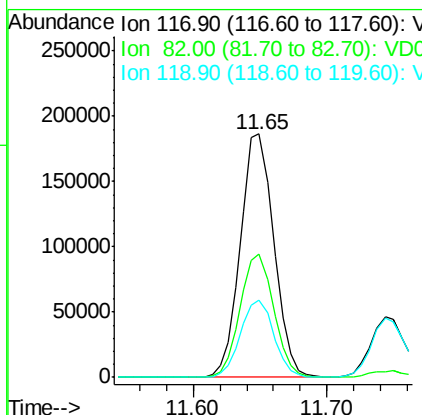
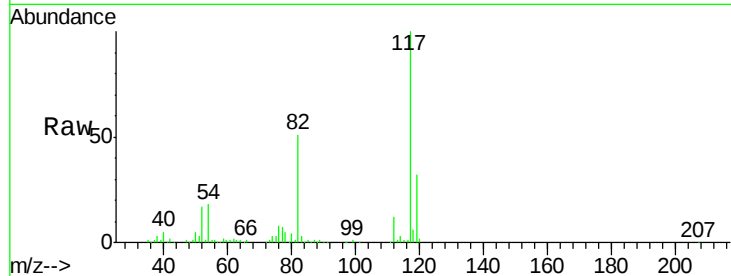
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.6	60.8
119	31.8	25.1	37.7

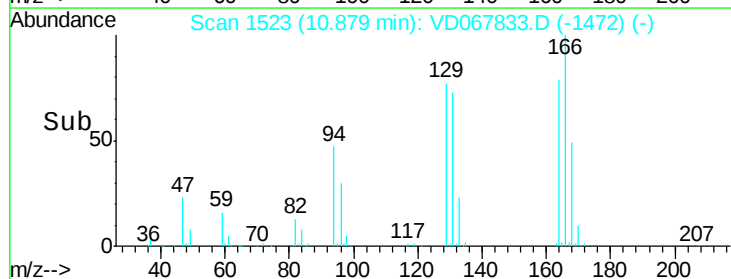
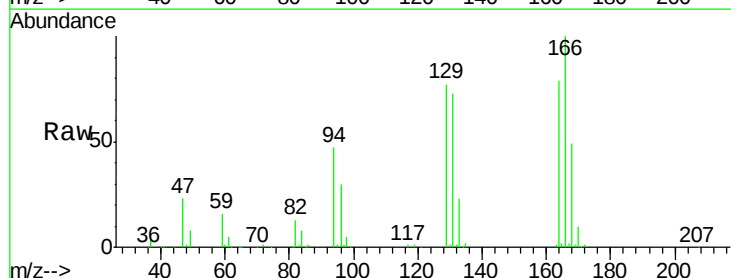
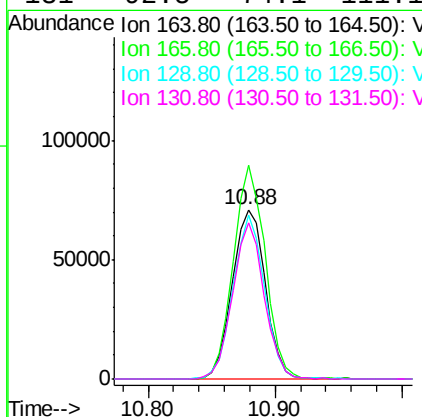
Manual Integrations
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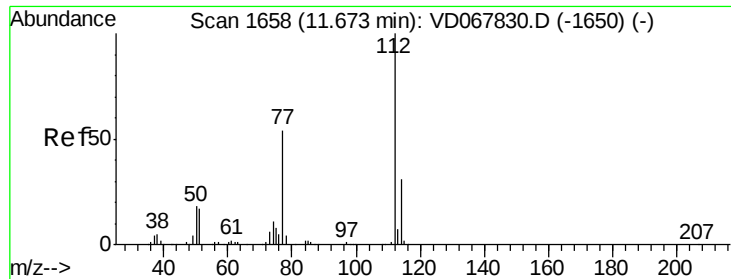
MMDadoda
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#64
Tetrachloroethene
Concen: 48.237 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.8	155.6
129	96.8	73.3	109.9
131	92.5	74.1	111.1





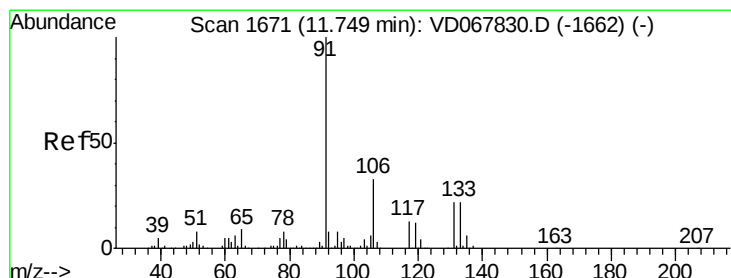
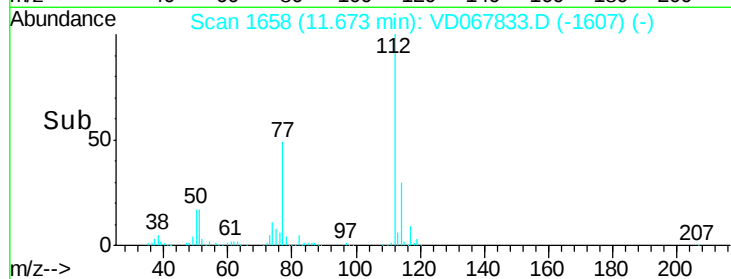
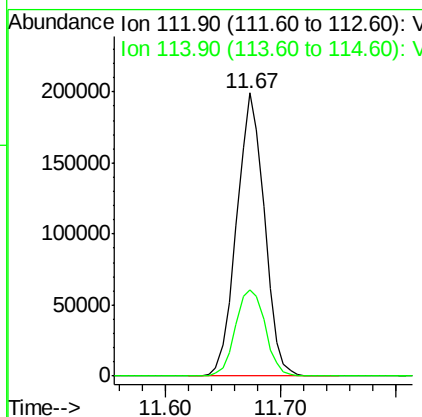
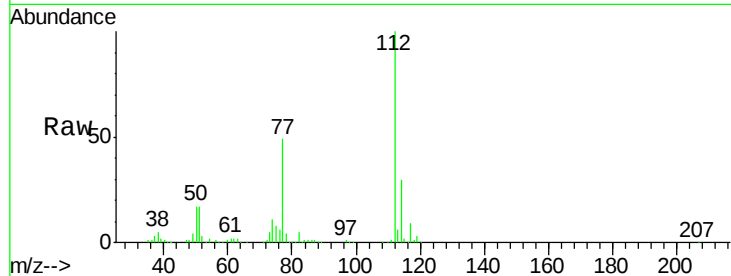
#65
Chlorobenzene
Concen: 49.540 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.0	37.4

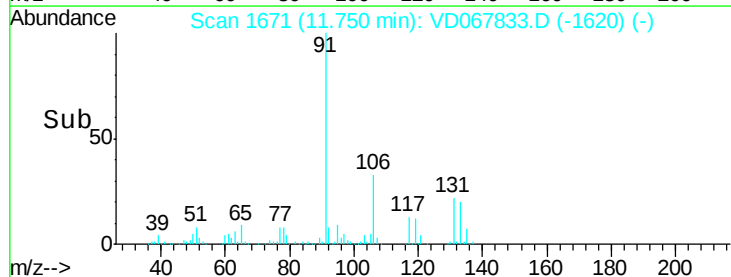
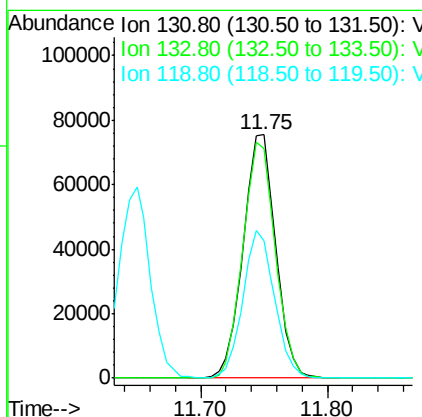
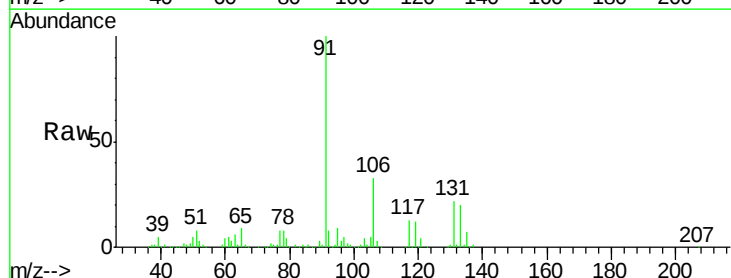
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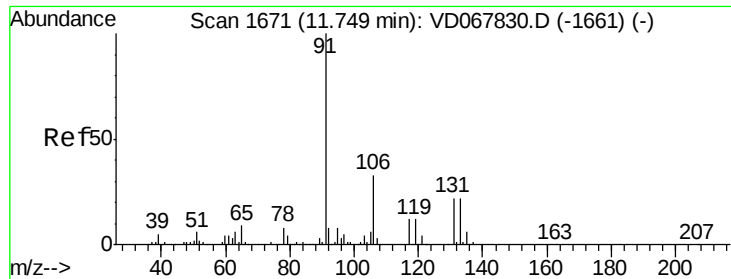
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.577 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	49.9	149.7
119	58.7	29.6	88.9





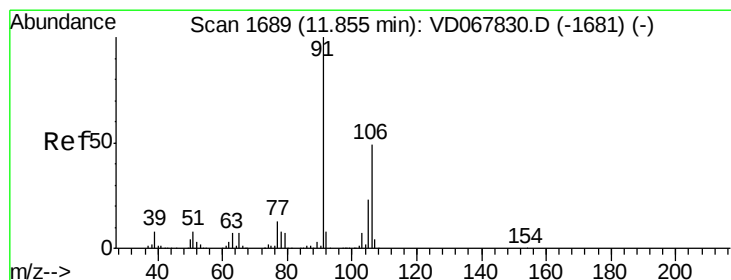
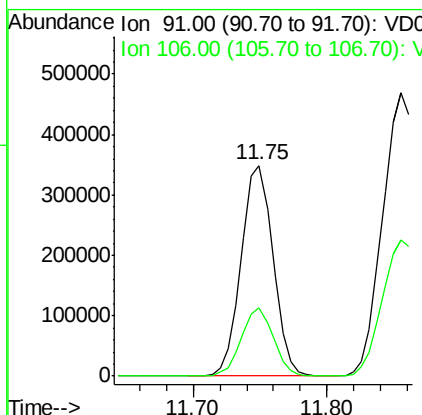
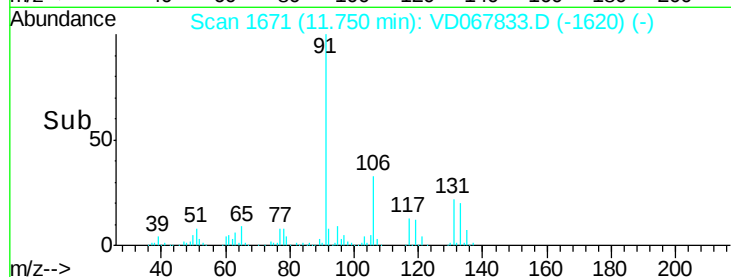
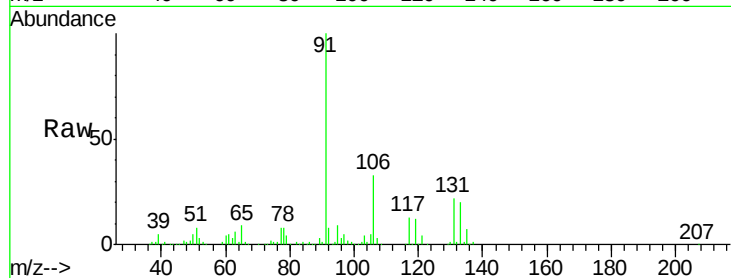
#67
Ethyl Benzene
Concen: 50.766 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion: 91 Resp: 578811
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2

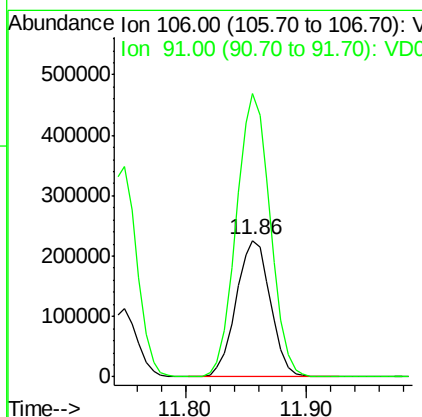
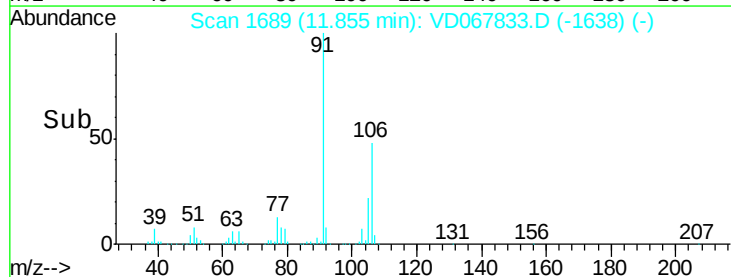
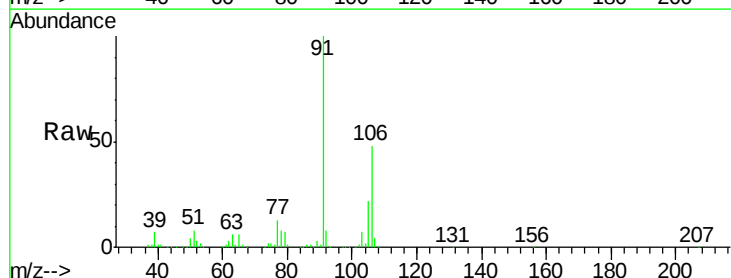
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APPROVED

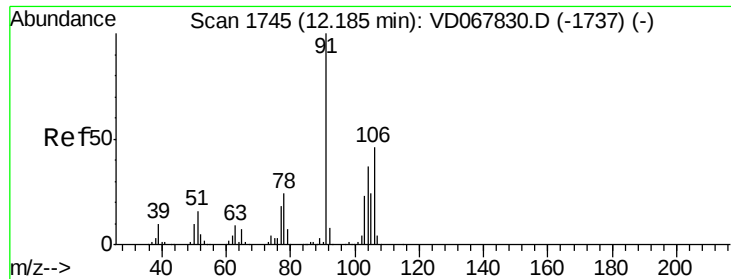
MMDadoda
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#68
m/p-Xylenes
Concen: 99.073 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion: 106 Resp: 445412
Ion Ratio Lower Upper
106 100
91 205.1 162.8 244.2





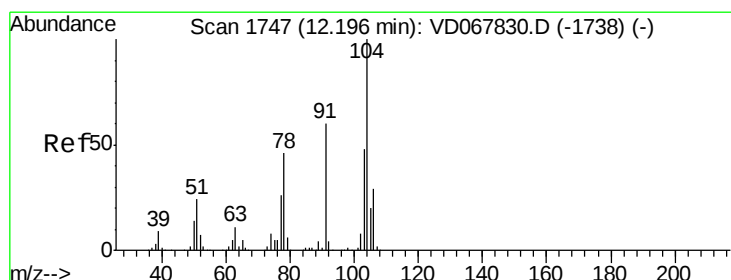
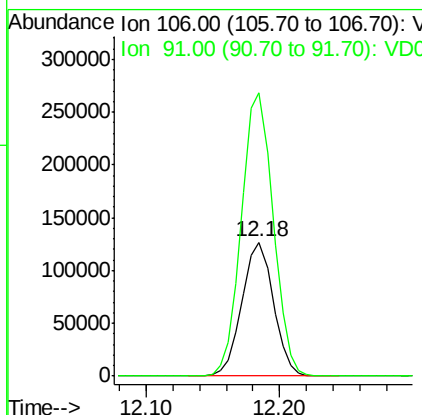
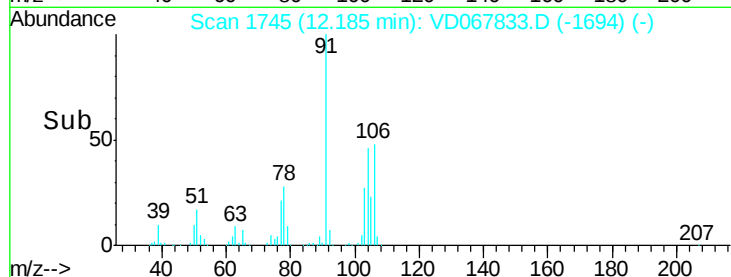
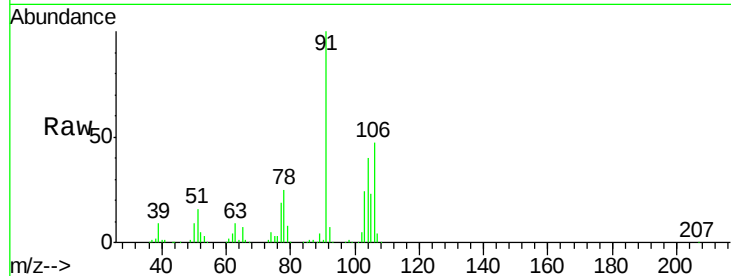
#69
o-Xylene
Concen: 51.871 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		207027		
91	213.6	107.5	322.5		

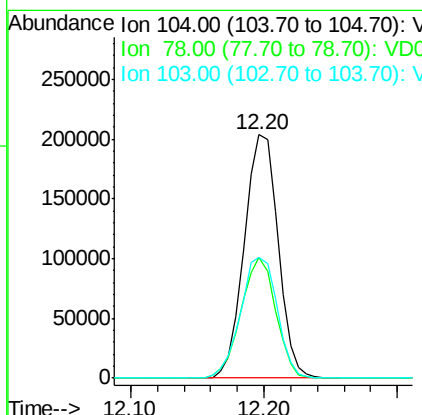
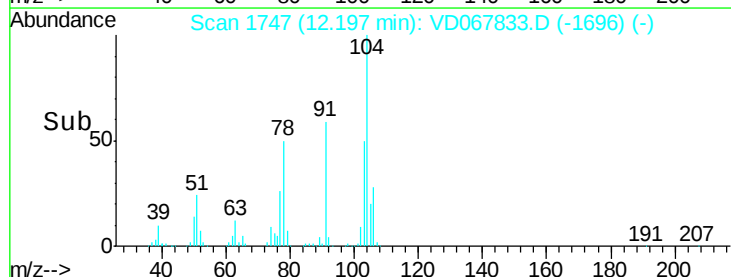
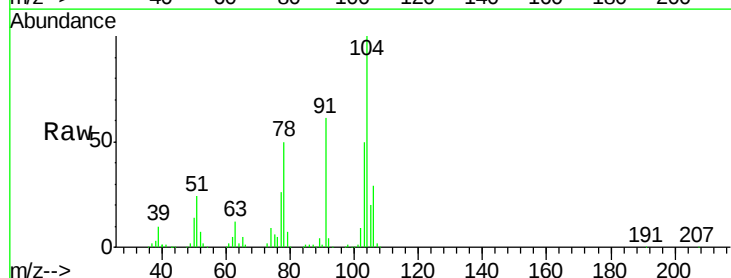
Manual Integrations
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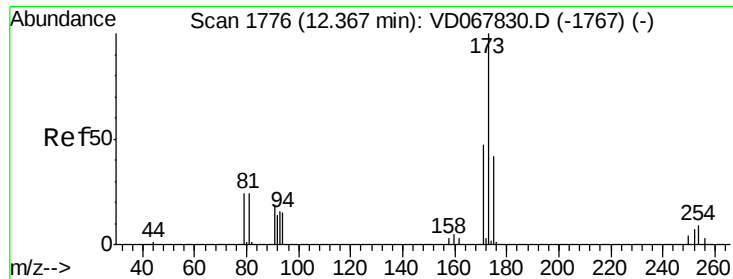
MMDadoda
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#70
Styrene
Concen: 51.219 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		355468		
78	51.3	41.6	62.4		
103	54.1	43.2	64.8		





#71

Bromoform

Concen: 50.766 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

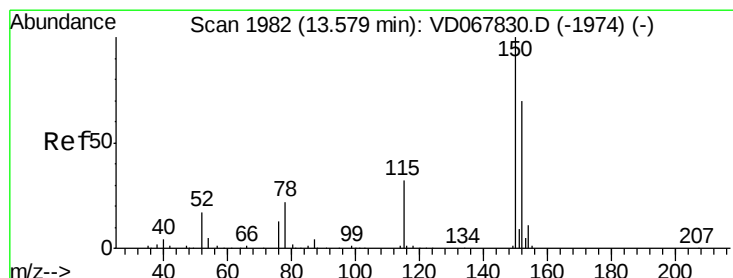
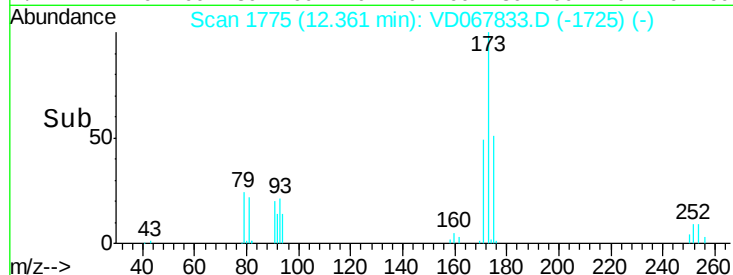
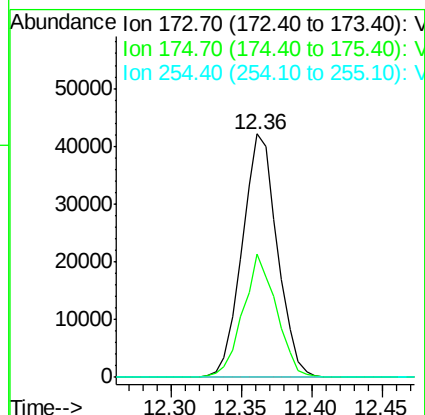
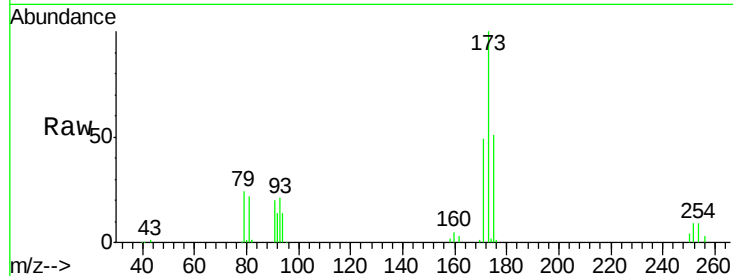
ClientSampleId :

ICVVD120120

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.4	70.3
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

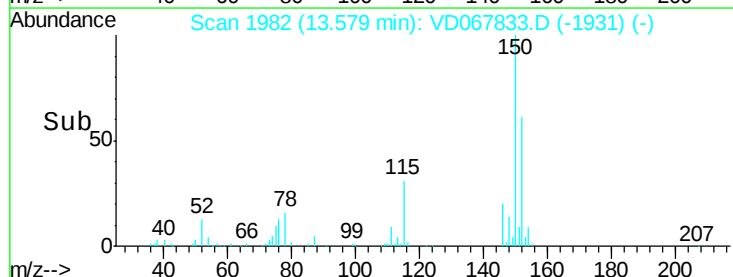
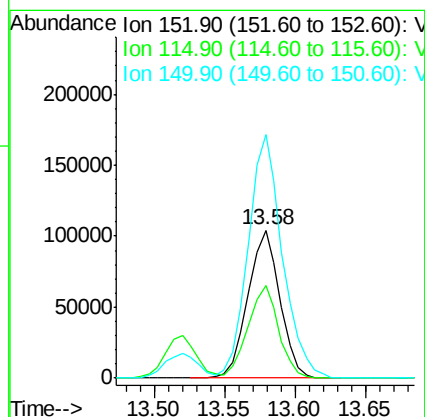
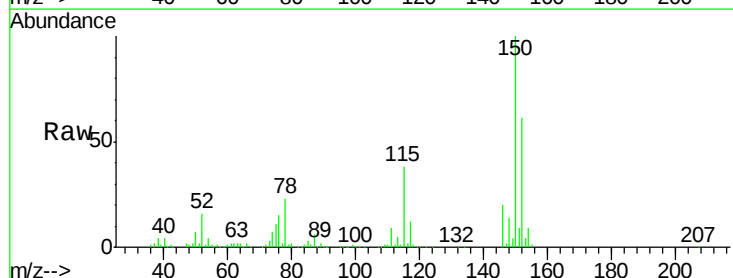
RT: 13.58 min Scan# 1982

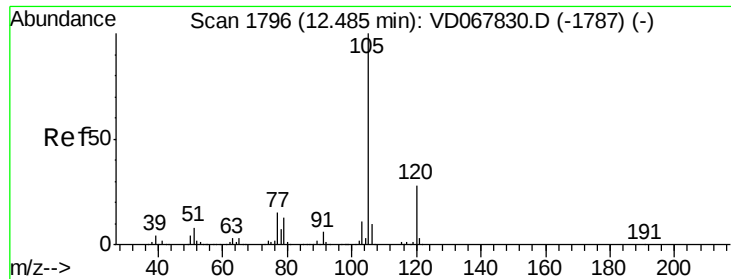
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.1	87.4
150	176.0	0.0	339.0





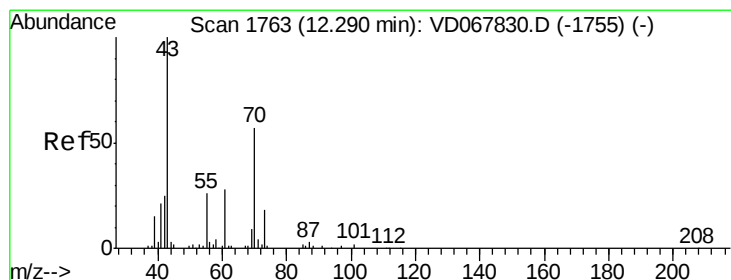
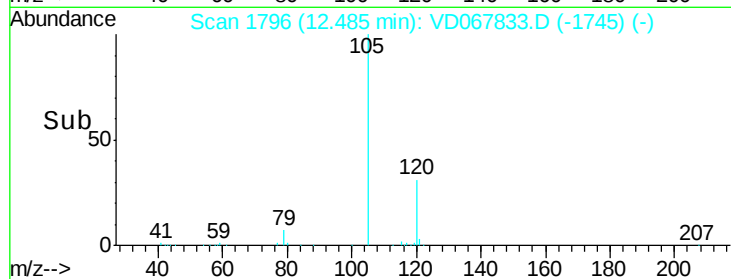
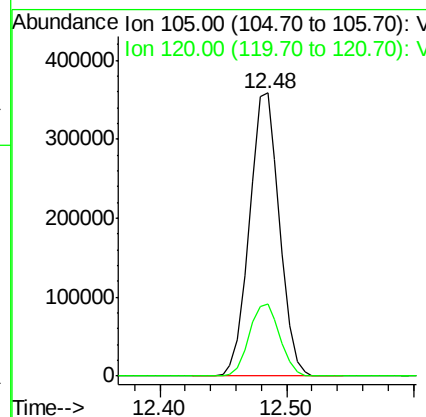
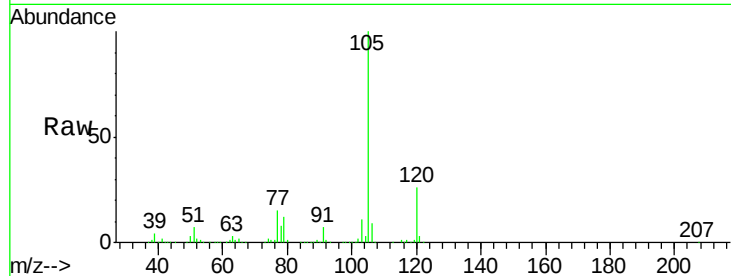
#73
Isopropylbenzene
Concen: 51.522 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Resp	Lower	Upper
105	100	587325		
120	26.1		13.9	41.6

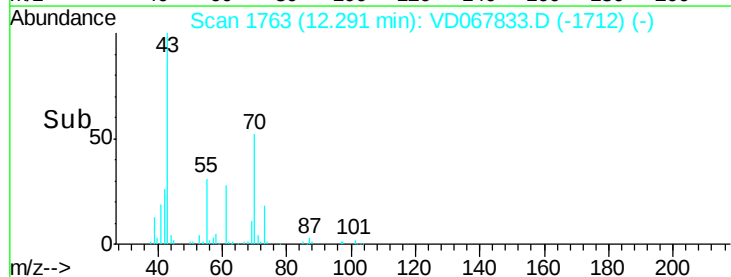
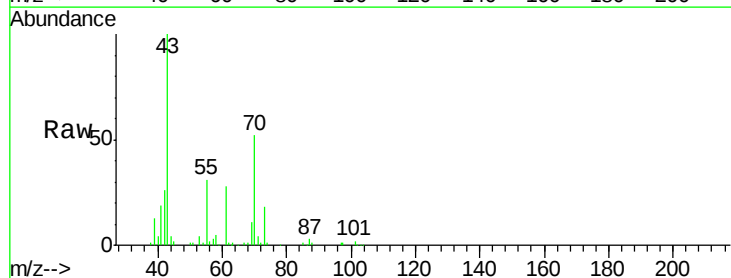
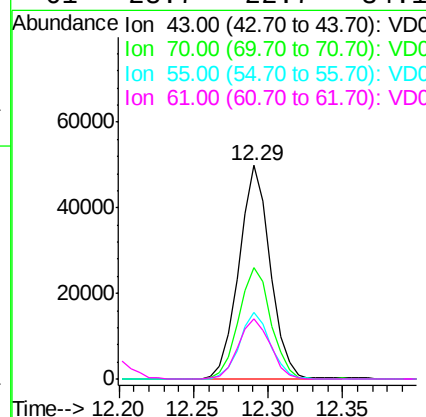
Manual Integrations
APPROVED

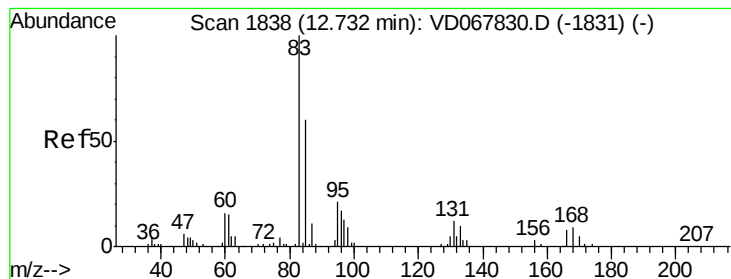
MMDadoda
12/2/2020 12:24:07 PM



#74
N-ethyl acetate
Concen: 51.766 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	72994		
70	53.5		44.6	66.8
55	30.8		22.2	33.2
61	28.7		22.7	34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.764 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

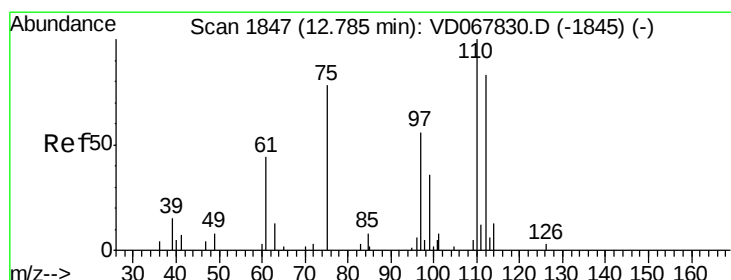
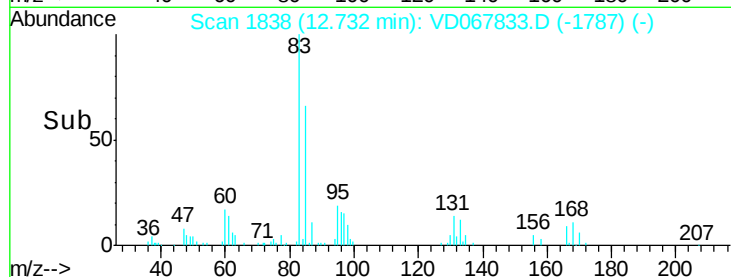
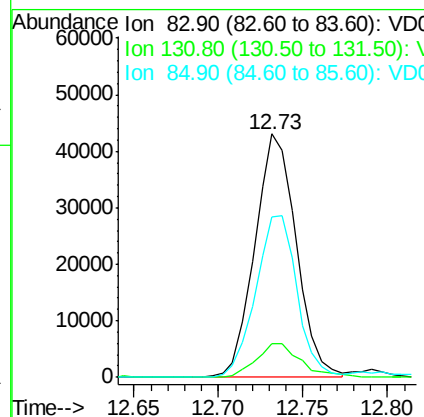
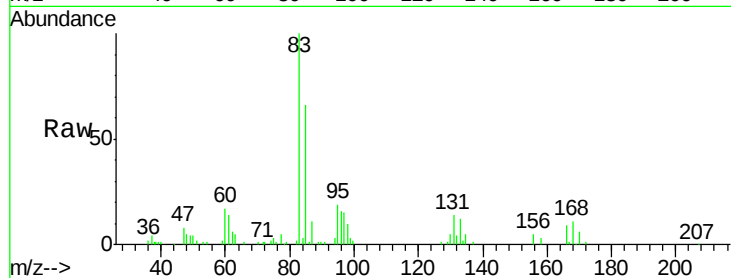
ClientSampleId :

ICVVD120120

Tot Ion:	83	Resp:	73390
Ion Ratio	Lower	Upper	
83	100		
131	14.8	8.0	24.0
85	66.4	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.706 ug/l m

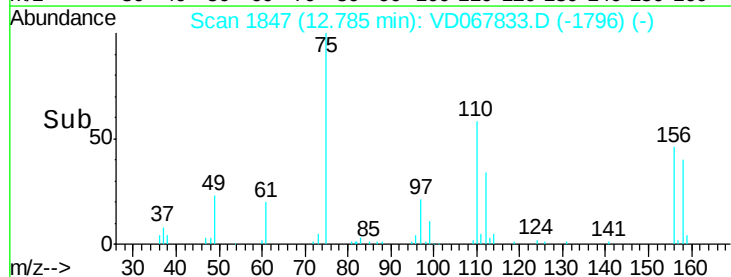
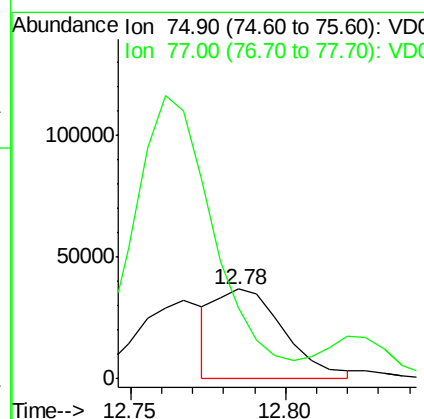
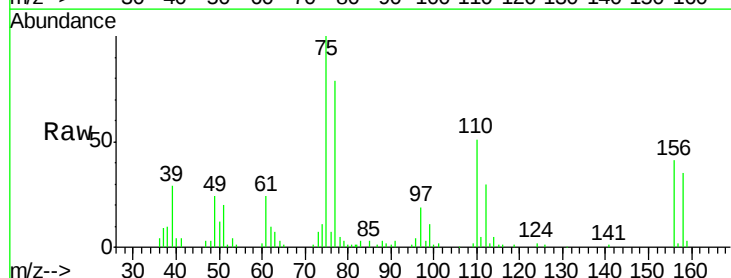
RT: 12.78 min Scan# 1847

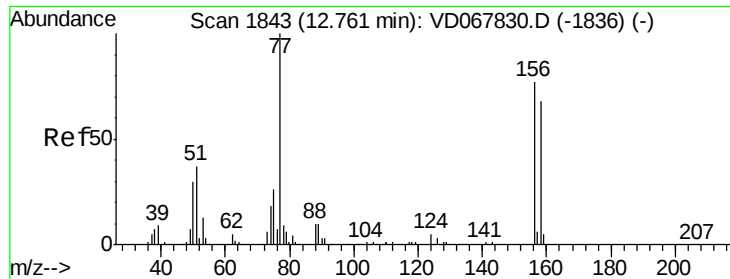
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	75	Resp:	56381
Ion Ratio	Lower	Upper	
75	100		
77	0.0	175.9	527.7#





#77

Bromobenzene

Concen: 50.758 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

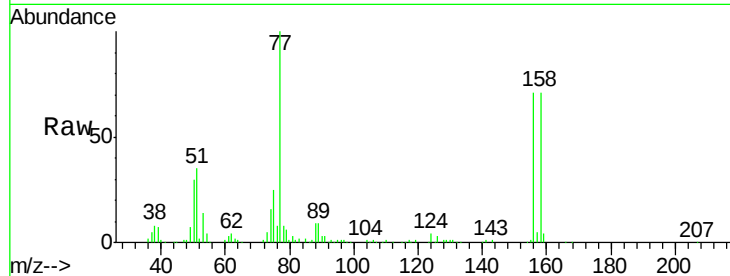
ClientSampleId :

ICVVD120120

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.4	71.5	214.5
158	96.3	47.1	141.4

Manual Integrations
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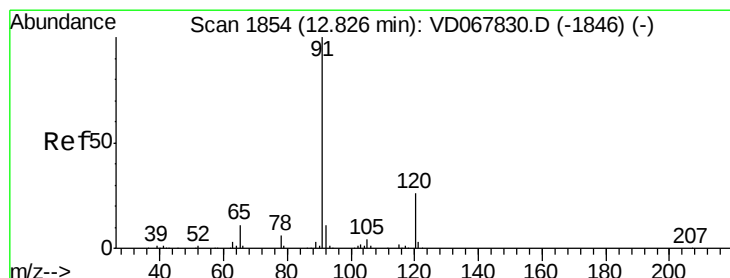
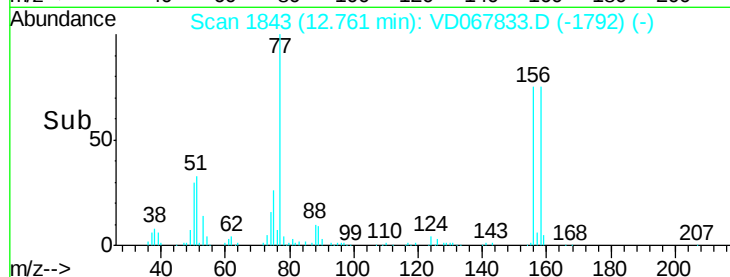
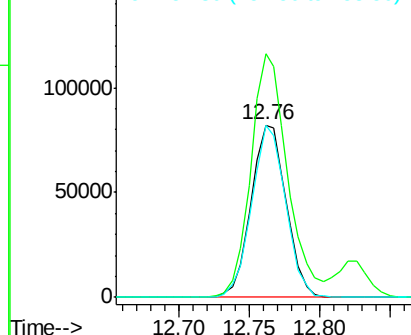


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.985 ug/l

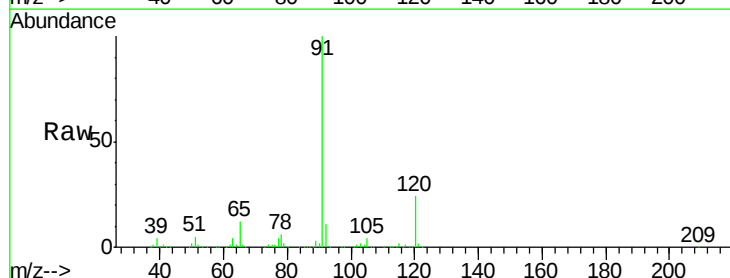
RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

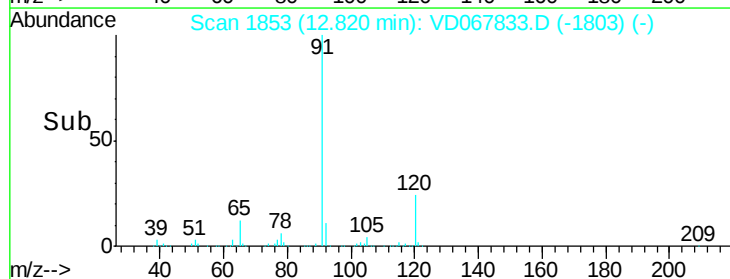
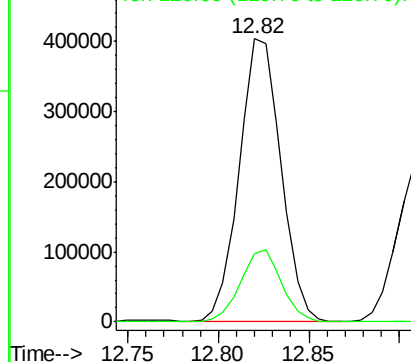
Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.7	38.0

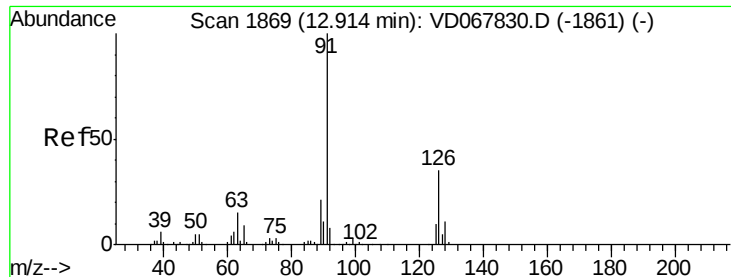


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.805 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion: 91 Resp: 377630

Ion Ratio Lower Upper

91 100

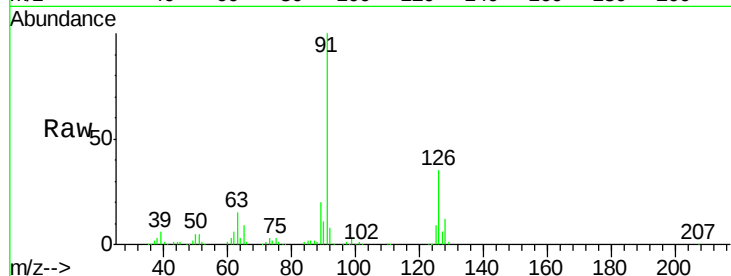
126 36.5 17.9 53.7

Manual Integrations

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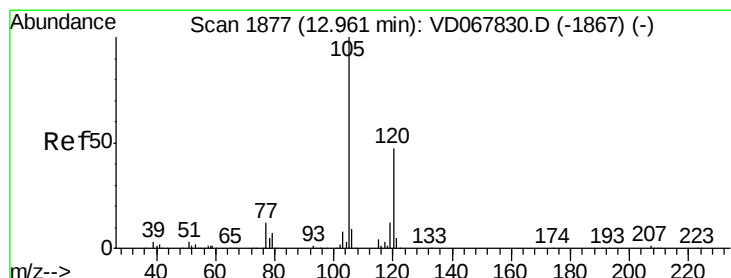
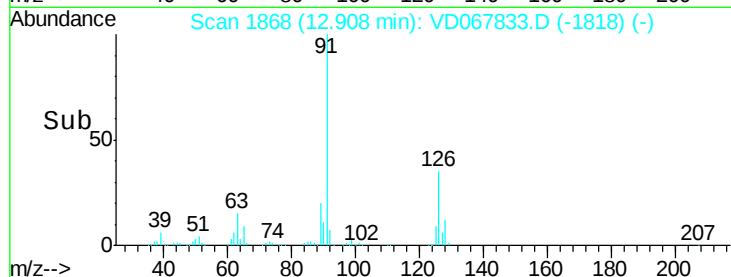
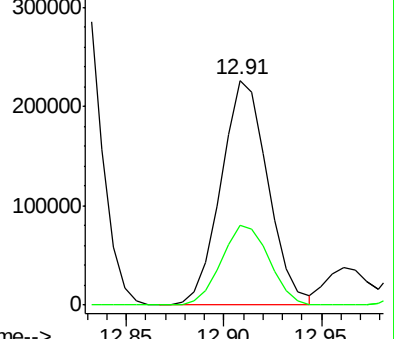
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Abundance Ion 91.00 (90.70 to 91.70): VD067833.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD067833.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.757 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067833.D

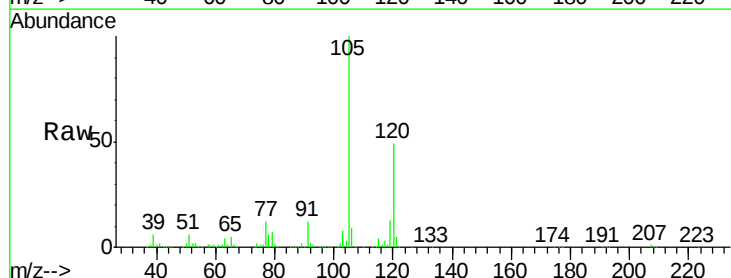
Acq: 01 Dec 2020 13:43

Tgt Ion:105 Resp: 510833

Ion Ratio Lower Upper

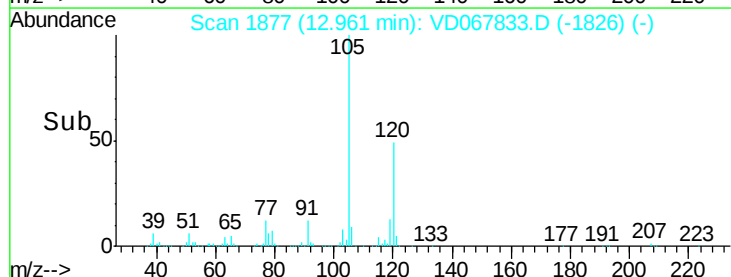
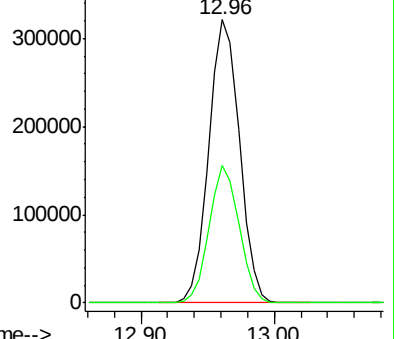
105 100

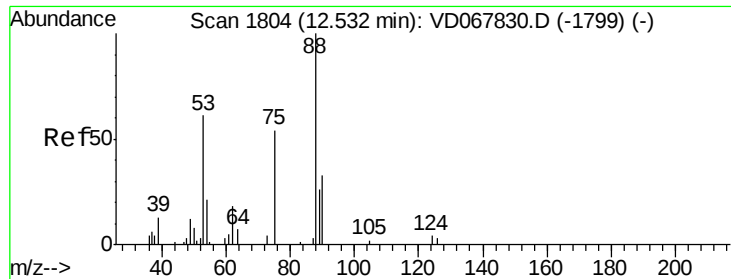
120 47.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VD067833.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD067833.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.586 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

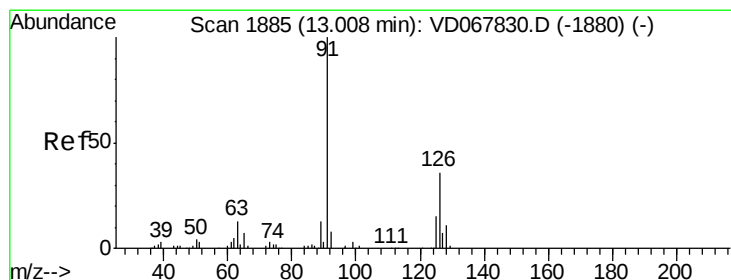
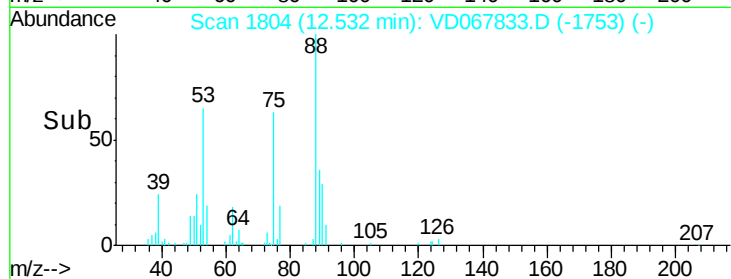
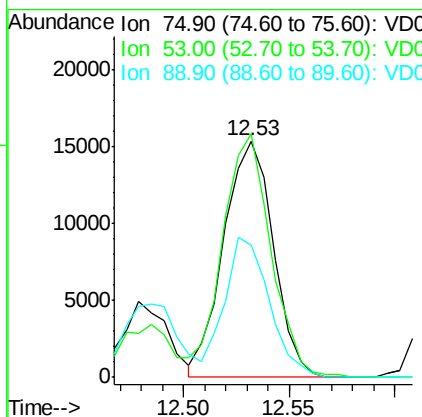
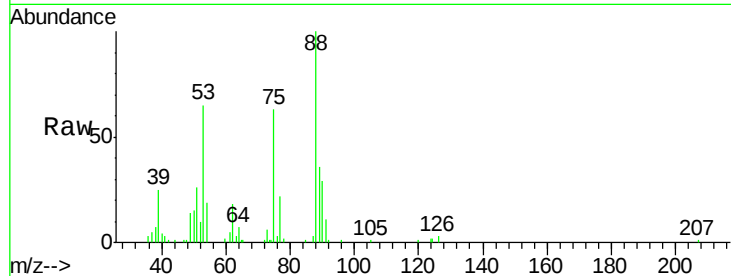
ClientSampleId :

ICVVD120120

Tot Ion:	75	Resp:	25023
Ion	Ratio	Lower	Upper
75	100		
53	101.4	84.6	127.0
89	53.3	41.0	61.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.210 ug/l

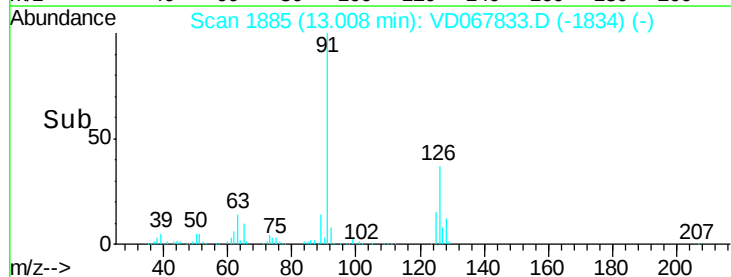
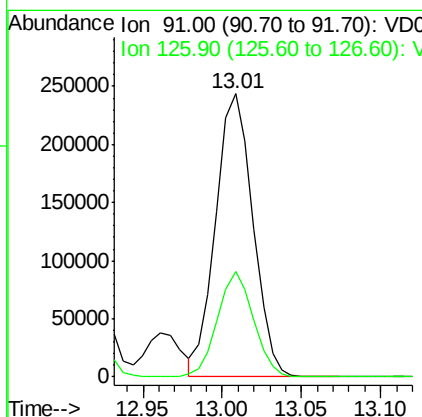
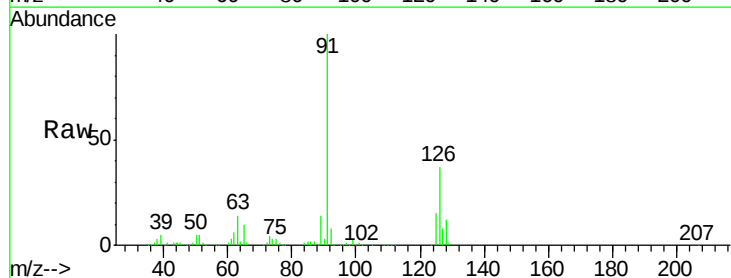
RT: 13.01 min Scan# 1885

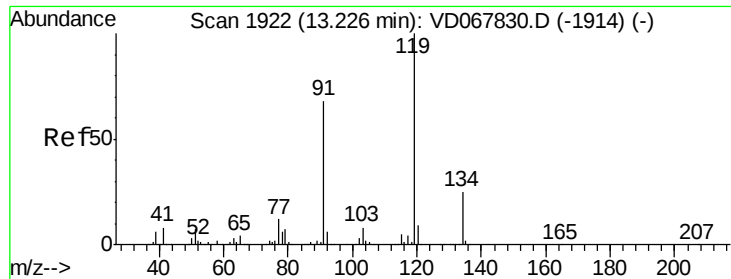
Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Tgt Ion:	91	Resp:	398105
Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.1	54.4





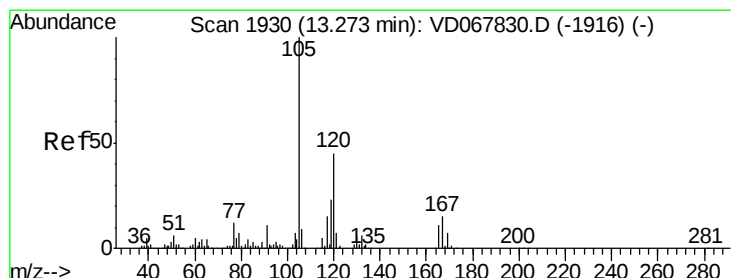
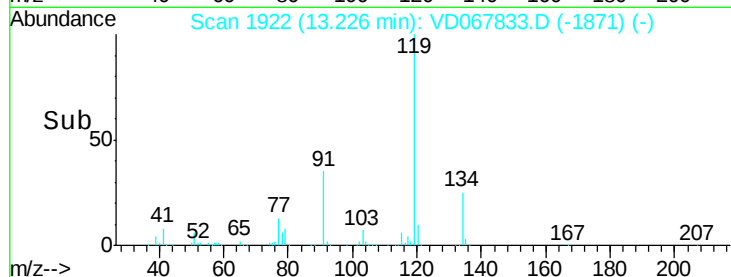
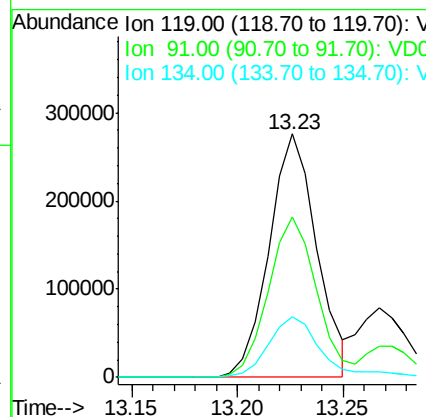
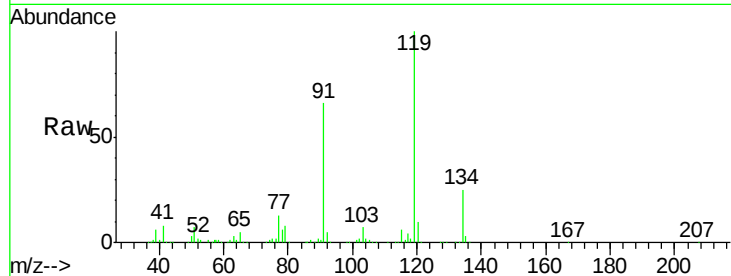
#83
tert-Butylbenzene
Concen: 51.507 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Resp	Lower	Upper
119	100	432597		
91	67.2		33.1	99.3
134	27.6		13.6	40.8

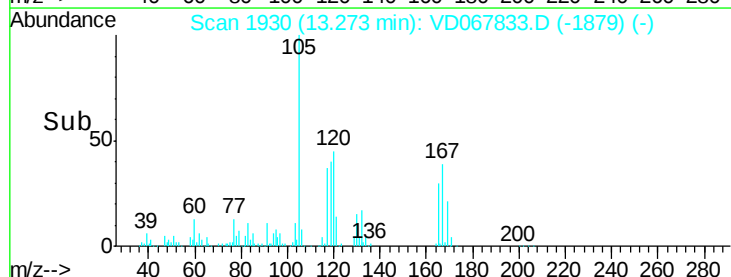
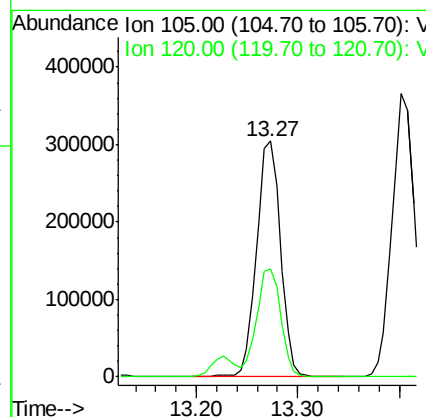
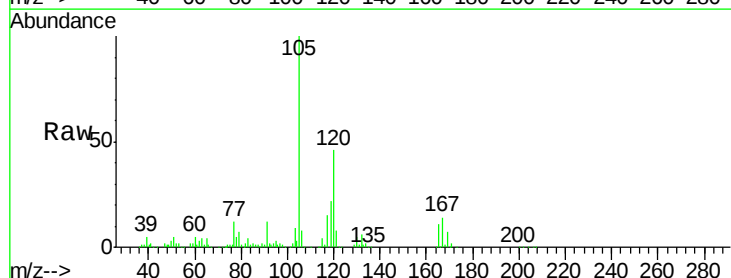
Manual Integrations
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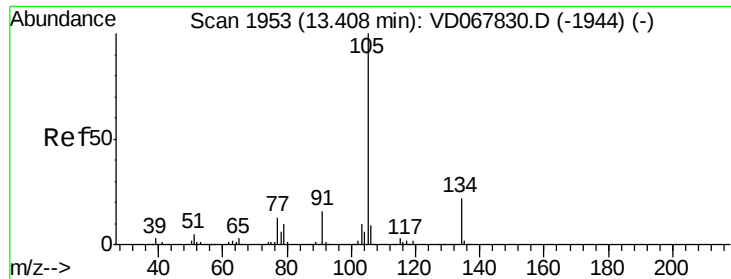
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#84
1,2,4-Trimethylbenzene
Concen: 51.294 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	503420		
120	45.9		22.1	66.5





#85

sec-Butylbenzene

Concen: 50.610 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120120

Tot Ion:105 Resp: 567325

Ion Ratio Lower Upper

105 100

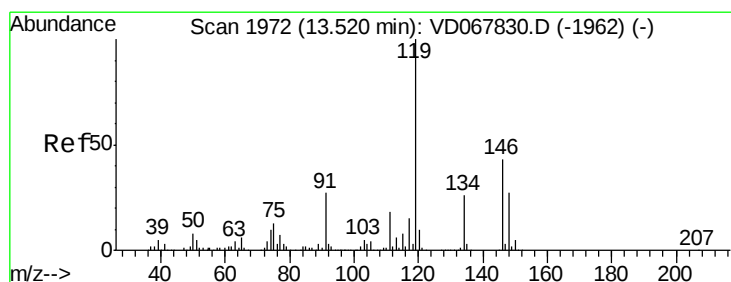
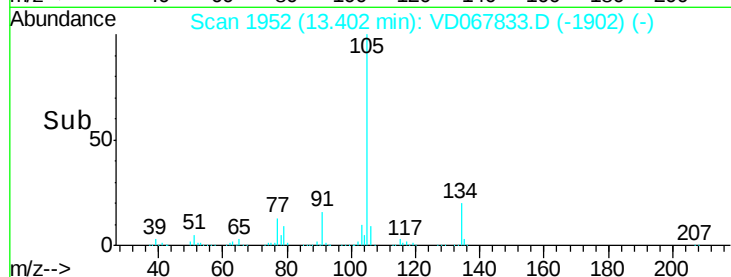
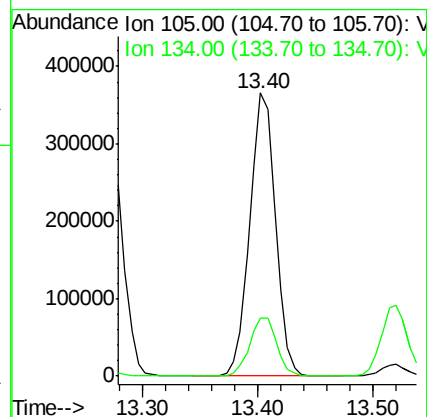
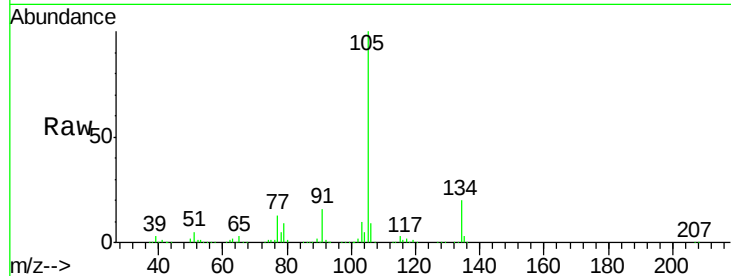
134 21.7 10.9 32.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.990 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067833.D

Acq: 01 Dec 2020 13:43

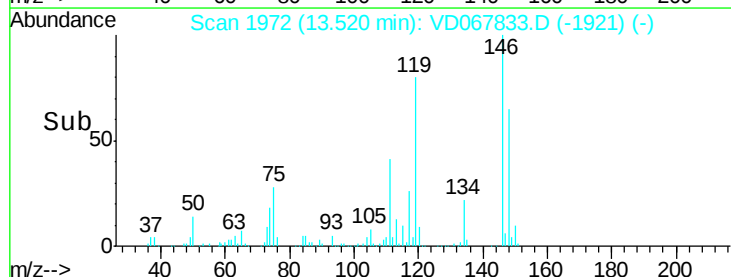
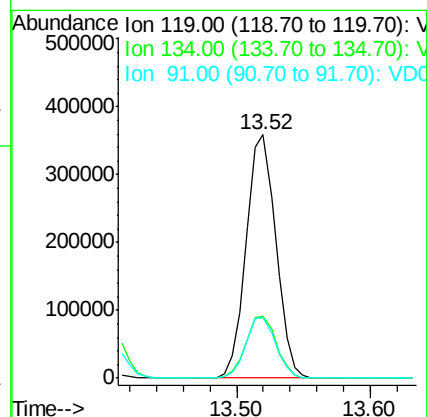
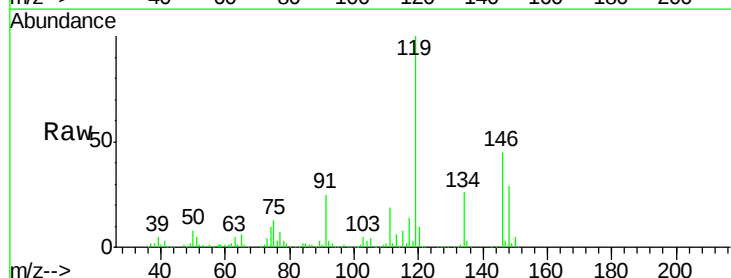
Tgt Ion:119 Resp: 549214

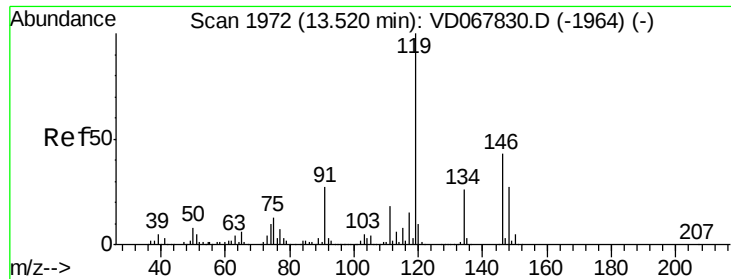
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 25.2 12.8 38.3





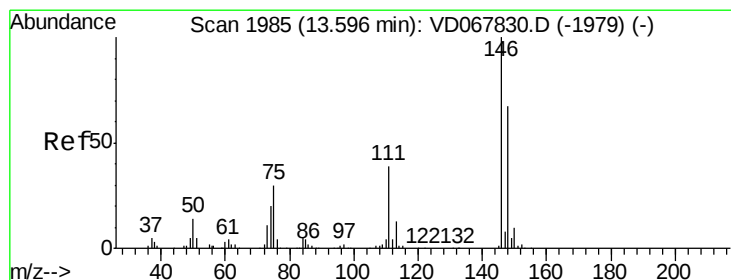
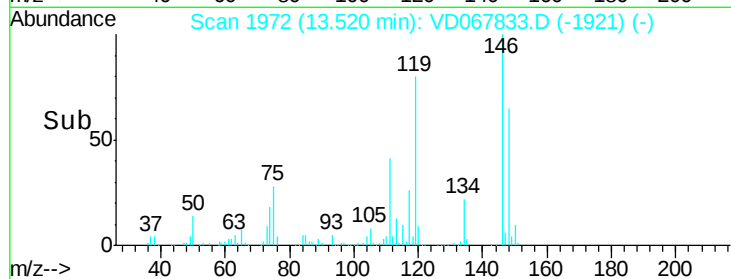
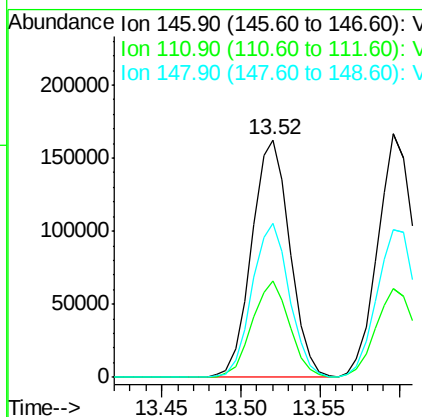
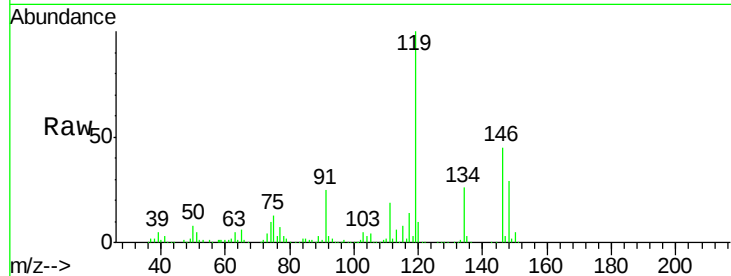
#87
 1,3-Dichlorobenzene
 Concen: 49.729 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

Tot Ion	Ratio	Resp	Lower	Upper
146	100	271861		
111	39.7	20.8	62.2	
148	63.6	32.9	98.6	

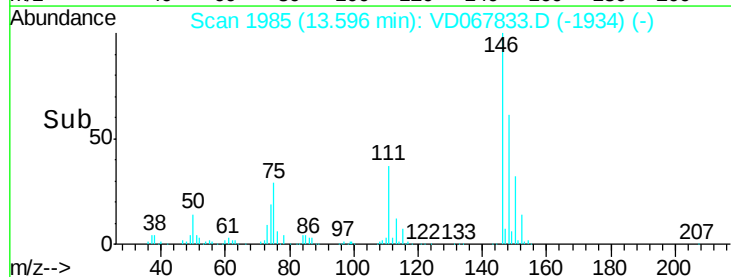
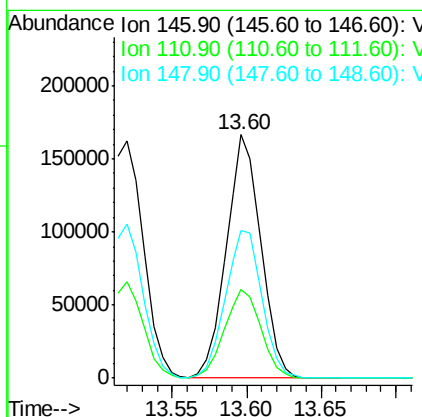
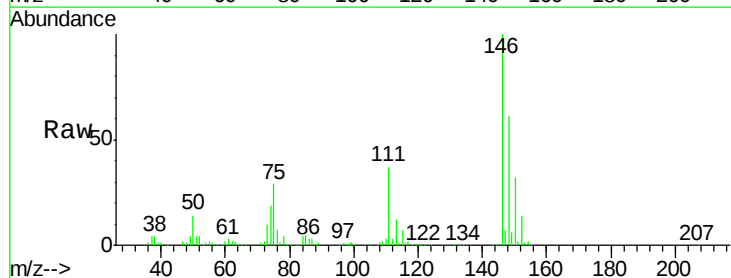
Manual Integrations
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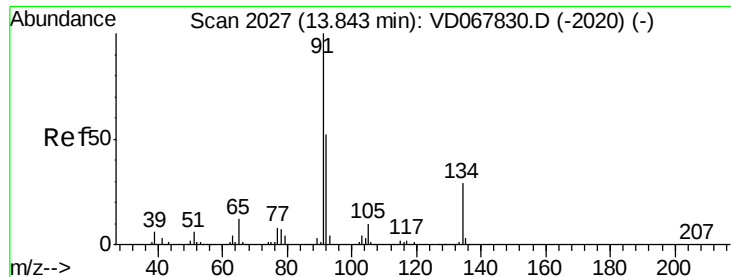
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#88
 1,4-Dichlorobenzene
 Concen: 49.123 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	268661		
111	38.5	19.9	59.6	
148	64.1	32.4	97.2	





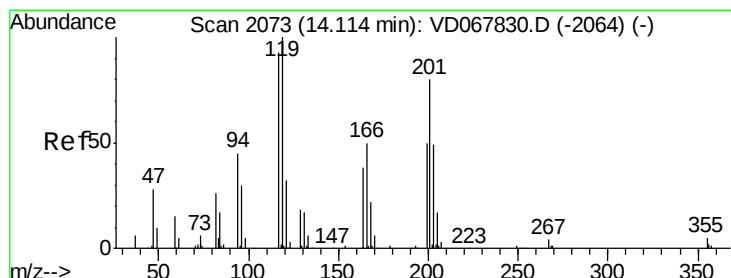
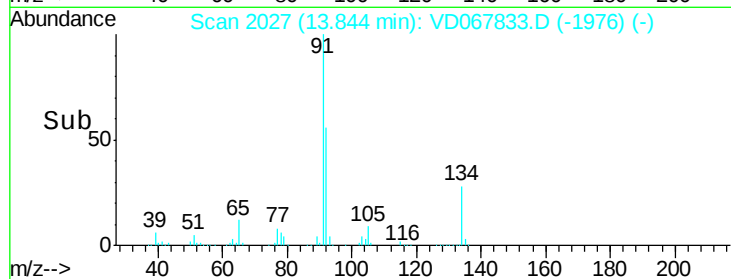
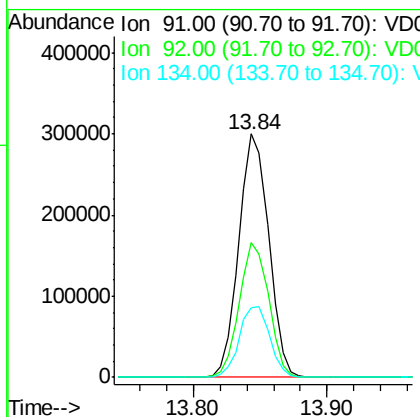
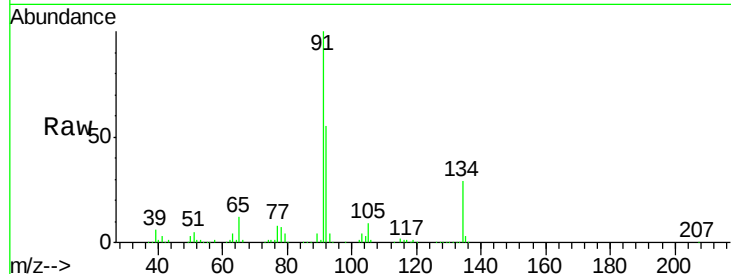
#89
n-Butylbenzene
Concen: 50.951 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.3	78.8
134	29.7	14.8	44.3

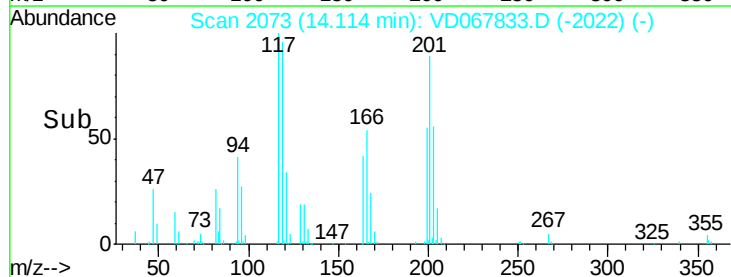
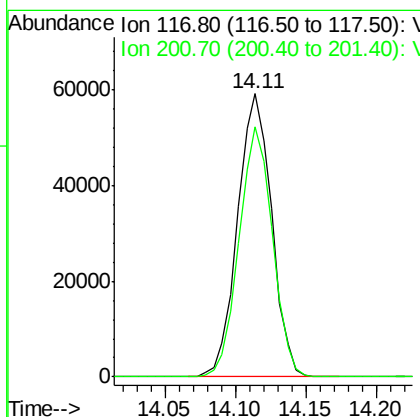
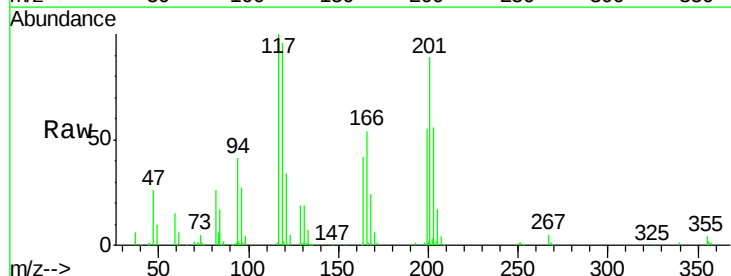
Manual Integrations
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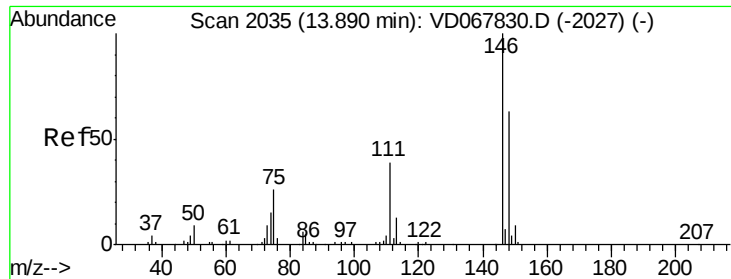
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#90
Hexachloroethane
Concen: 49.292 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	43.9	131.6





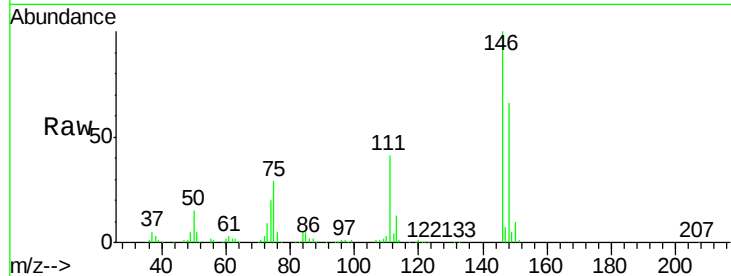
#91
 1,2-Dichlorobenzene
 Concen: 50.019 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

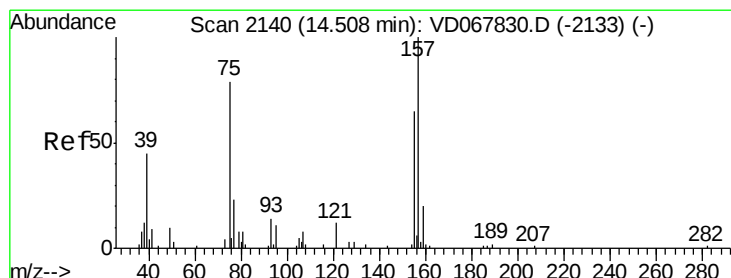
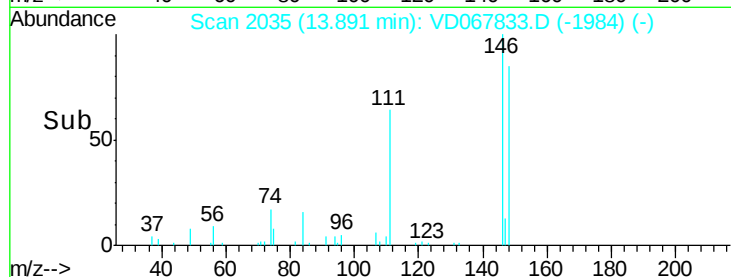
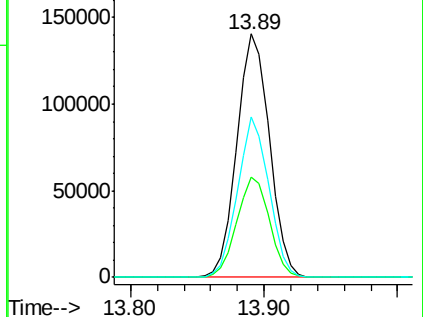
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	63.5	32.1	96.3

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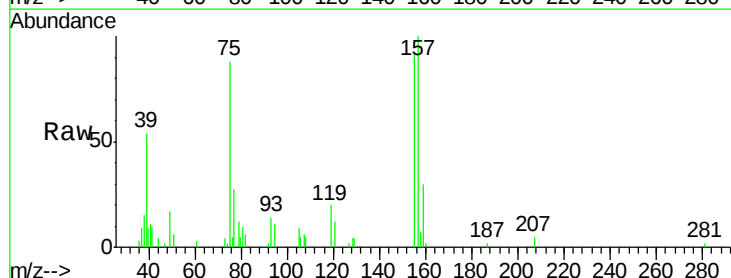


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

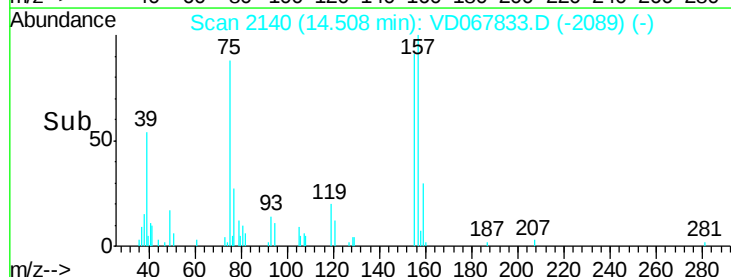
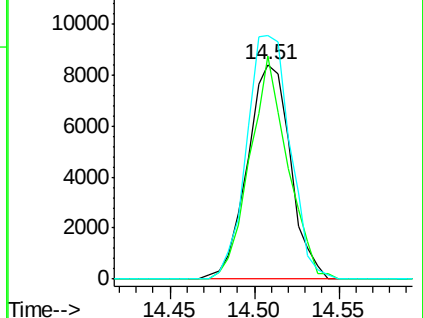


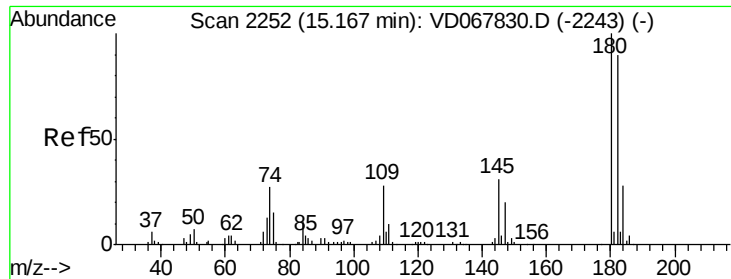
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.406 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	44.1	132.4
157	114.8	62.4	187.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





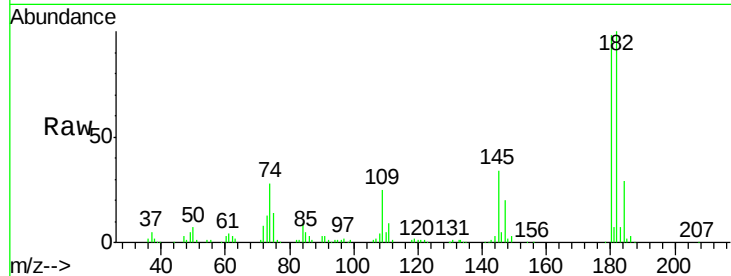
#93
 1,2,4-Trichlorobenzene
 Concen: 52.350 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120120

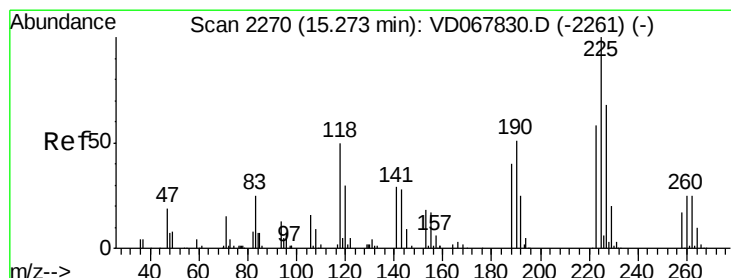
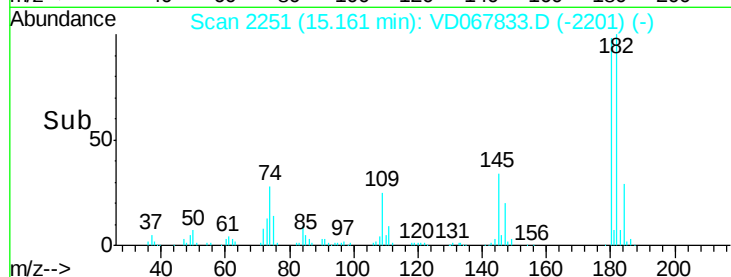
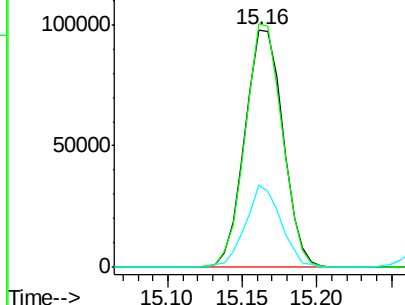
Tot Ion	Ratio	Resp	Lower	Upper
180	100	173624		
182	98.9	47.5	142.6	
145	32.0	16.4	49.4	

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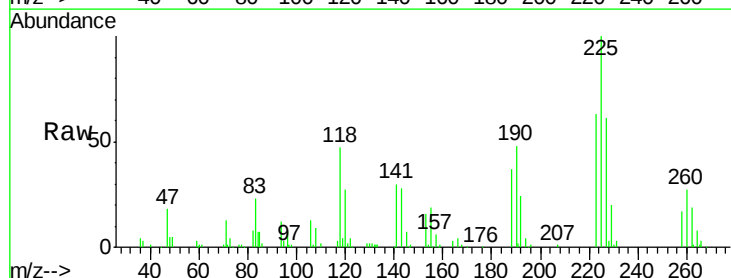


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

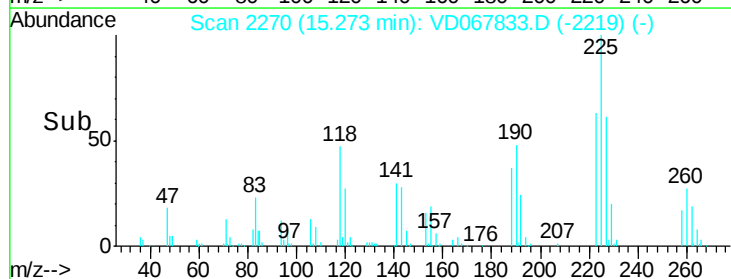
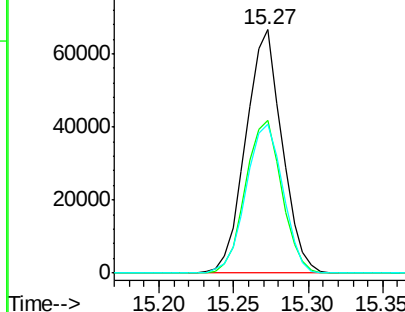


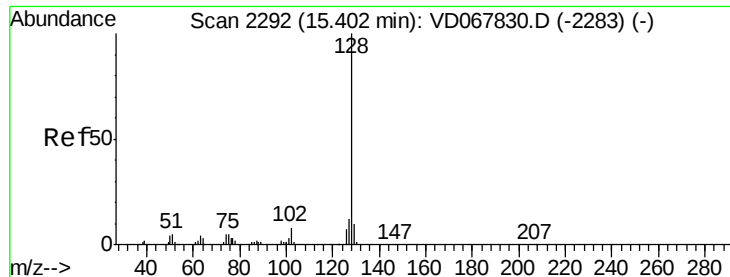
#94
 Hexachlorobutadiene
 Concen: 51.561 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067833.D
 Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111586		
223	62.8	31.1	93.3	
227	62.4	33.1	99.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





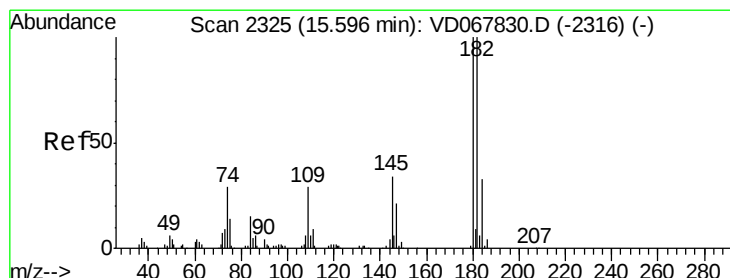
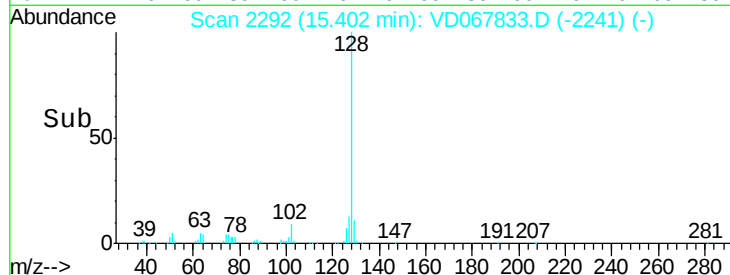
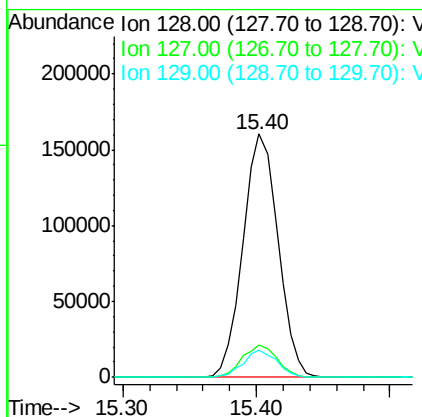
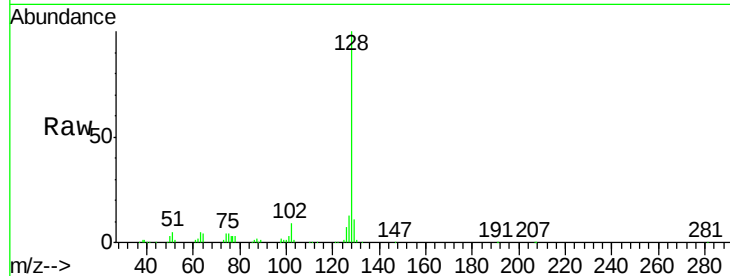
#95
Naphthalene
Concen: 53.929 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120120

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.6	9.0	13.6

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#96
1,2,3-Trichlorobenzene
Concen: 52.077 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067833.D
Acq: 01 Dec 2020 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	35.9	16.8	50.4

