

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067335.D
 Acq On : 20 Oct 2020 20:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 2:52:04 PM

Quant Time: Oct 21 02:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	303741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	458401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	433223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	161175	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	7.92	113	161975	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.34	98	577838	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.64	95	205076	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113001	45.998	ug/l	99
3) Chloromethane	2.21	50	87941	46.004	ug/l	96
4) Vinyl Chloride	2.35	62	94208	44.916	ug/l	97
5) Bromomethane	2.77	94	81587	56.190	ug/l	95
6) Chloroethane	2.92	64	63861	48.890	ug/l	91
7) Trichlorofluoromethane	3.27	101	248797	47.107	ug/l	98
8) Diethyl Ether	3.71	74	64598	53.451	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	135428	48.263	ug/l	100
10) Methyl Iodide	4.30	142	139101	53.739	ug/l	98
11) Tert butyl alcohol	5.23	59	42781	274.960	ug/l	99
12) 1,1-Dichloroethene	4.07	96	124004	49.466	ug/l	99
13) Acrolein	3.93	56	47673	261.077	ug/l	96
14) Allyl chloride	4.71	41	144670	50.394	ug/l	99
15) Acrylonitrile	5.43	53	114755	284.570	ug/l	99
16) Acetone	4.16	43	96362	226.108	ug/l	93
17) Carbon Disulfide	4.41	76	332440	46.518	ug/l	99
18) Methyl Acetate	4.71	43	54282	55.843	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	275943	55.359	ug/l	99
20) Methylene Chloride	4.97	84	150527	55.648	ug/l	92
21) trans-1,2-Dichloroethene	5.48	96	148545	51.492	ug/l	96
22) Diisopropyl ether	6.36	45	287211	54.767	ug/l	97
23) Vinyl Acetate	6.31	43	873656	292.823	ug/l	99
24) 1,1-Dichloroethane	6.27	63	231939	51.667	ug/l	99
25) 2-Butanone	7.21	43	134668	277.210	ug/l	93
26) 2,2-Dichloropropane	7.21	77	226746	49.004	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	168679	53.351	ug/l	99
28) Bromochloromethane	7.55	49	83706	54.667	ug/l #	98
29) Tetrahydrofuran	7.57	42	79347	293.828	ug/l	96
30) Chloroform	7.71	83	281902	52.567	ug/l	88
31) Cyclohexane	7.98	56	160918	45.912	ug/l	89
32) 1,1,1-Trichloroethane	7.91	97	267017	50.747	ug/l	100
36) 1,1-Dichloropropene	8.12	75	194840	50.149	ug/l	99
37) Ethyl Acetate	7.30	43	64163	56.130	ug/l	96
38) Carbon Tetrachloride	8.10	117	252421	50.833	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	200790	49.434	ug/l	97
40) Benzene	8.36	78	567892	53.279	ug/l	98
41) Methacrylonitrile	7.52	41	35631	57.681	ug/l	86
42) 1,2-Dichloroethane	8.43	62	184639	55.353	ug/l	100
43) Isopropyl Acetate	8.46	43	128013	56.437	ug/l	99
44) Trichloroethene	9.12	130	181458	53.172	ug/l	86
45) 1,2-Dichloropropane	9.40	63	132512	53.643	ug/l	100
46) Dibromomethane	9.48	93	84495	54.899	ug/l	95
47) Bromodichloromethane	9.67	83	226898	55.025	ug/l	96
48) Methyl methacrylate	9.46	41	62913	57.075	ug/l	99
49) 1,4-Dioxane	9.46	88	17686	1193.306	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	331985	293.448	ug/l	99
52) Toluene	10.41	92	390761	53.826	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	203199	56.096	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	232183	54.769	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	120265	57.303	ug/l	94
56) Ethyl methacrylate	10.66	69	130119	59.780	ug/l	98
57) 1,3-Dichloropropane	10.95	76	185856	55.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	325815	291.788	ug/l	99
59) 2-Hexanone	10.99	43	223320	288.875	ug/l	93
60) Dibromochloromethane	11.14	129	169217	55.286	ug/l	98
61) 1,2-Dibromoethane	11.25	107	115018	55.589	ug/l	99
64) Tetrachloroethene	10.88	164	155992	49.697	ug/l	97
65) Chlorobenzene	11.67	112	434527	52.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	177462	53.747	ug/l	99
67) Ethyl Benzene	11.75	91	760161	53.380	ug/l	99
68) m/p-Xylenes	11.86	106	584912	106.661	ug/l	99
69) o-Xylene	12.18	106	275540	54.260	ug/l	95
70) Styrene	12.20	104	476354	54.493	ug/l	100
71) Bromoform	12.37	173	99793	56.260	ug/l #	100
73) Isopropylbenzene	12.48	105	740326	53.469	ug/l	99
74) N-amyl acetate	12.29	43	118871	56.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	116608	54.965	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	86655m	57.310	ug/l	
77) Bromobenzene	12.77	156	191183	55.385	ug/l	99
78) n-propylbenzene	12.83	91	861939	53.730	ug/l	100
79) 2-Chlorotoluene	12.91	91	496083	53.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	646372	53.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	36528	54.783	ug/l	98
82) 4-Chlorotoluene	13.01	91	541801	54.872	ug/l	98
83) tert-Butylbenzene	13.23	119	559022	55.003	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	655443	55.116	ug/l	99
85) sec-Butylbenzene	13.41	105	733323	52.584	ug/l	99
86) p-Isopropyltoluene	13.52	119	710849	54.003	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	353731	53.240	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	353550	53.709	ug/l	100
89) n-Butylbenzene	13.85	91	620600	53.592	ug/l	99
90) Hexachloroethane	14.11	117	124347	54.134	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	316493	54.528	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21613	56.078	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217372	55.546	ug/l	99
94) Hexachlorobutadiene	15.27	225	128854	53.023	ug/l	98
95) Naphthalene	15.41	128	382842	59.586	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	190110	56.232	ug/l	99

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

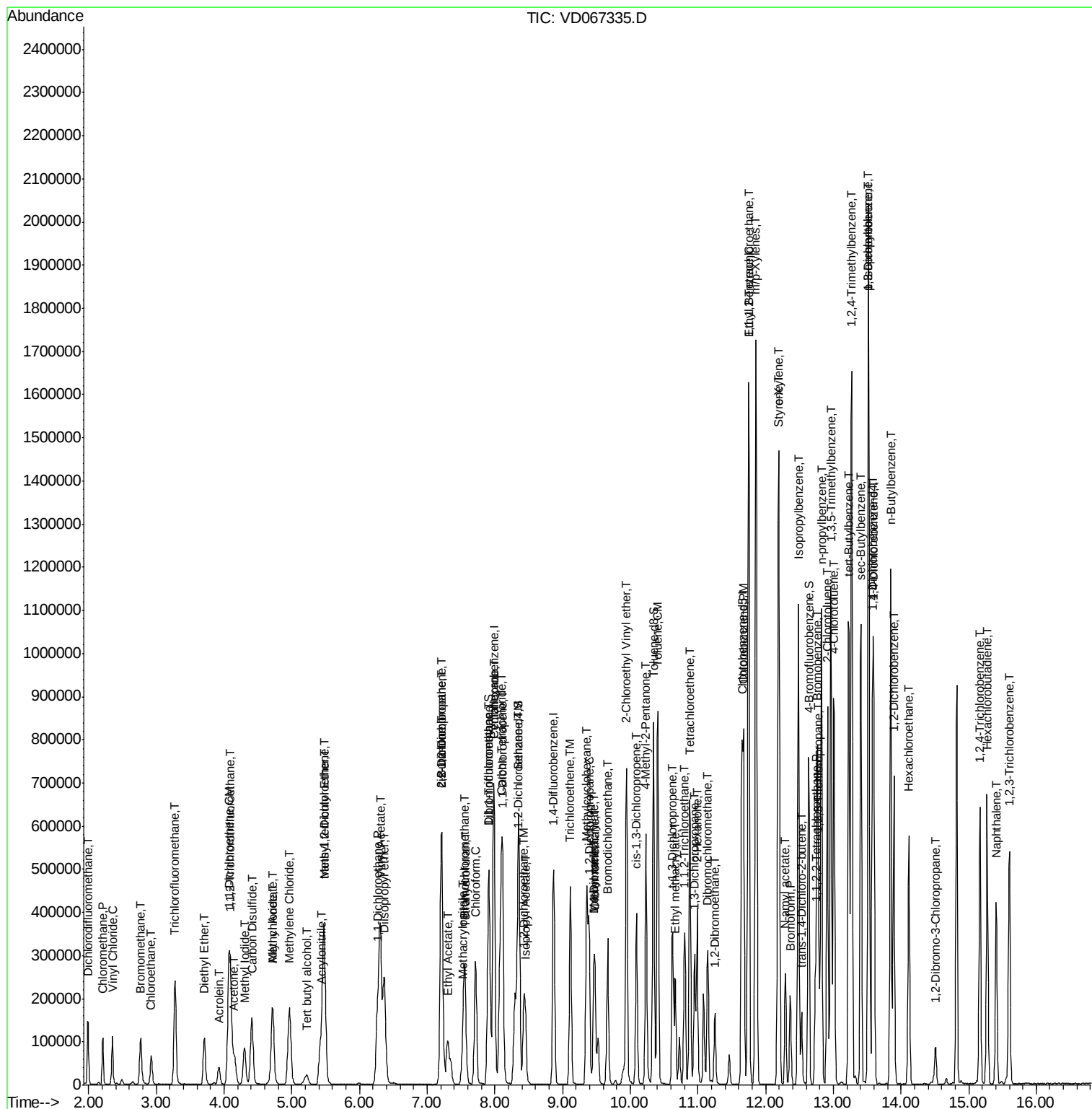
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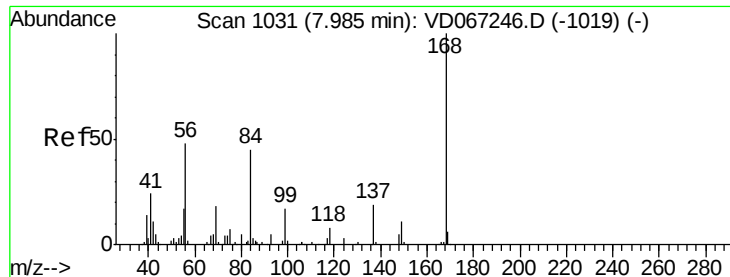
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 303741

Ion Ratio Lower Upper

168 100

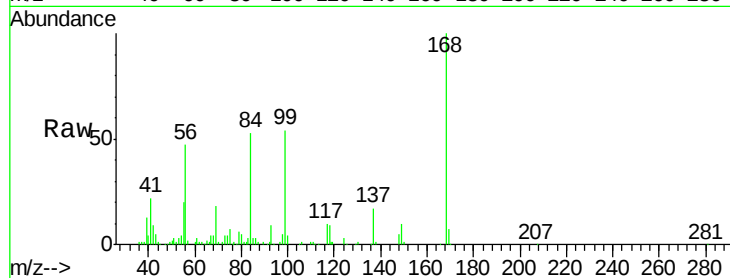
99 53.6 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

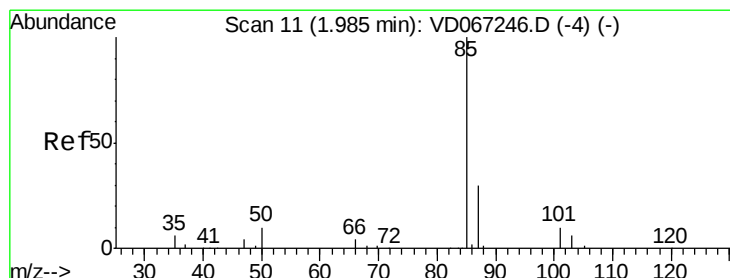
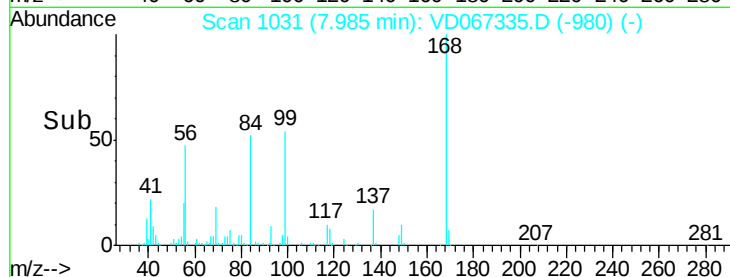
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.998 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067335.D

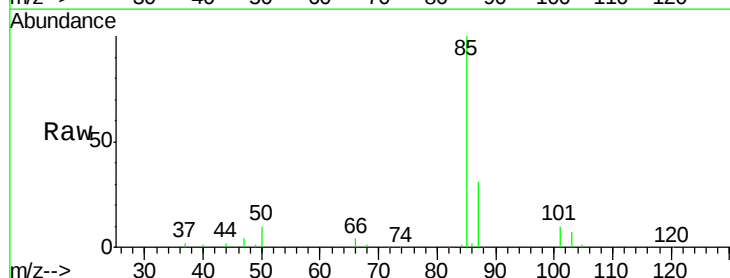
Acq: 20 Oct 2020 20:19

Tgt Ion: 85 Resp: 113001

Ion Ratio Lower Upper

85 100

87 30.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

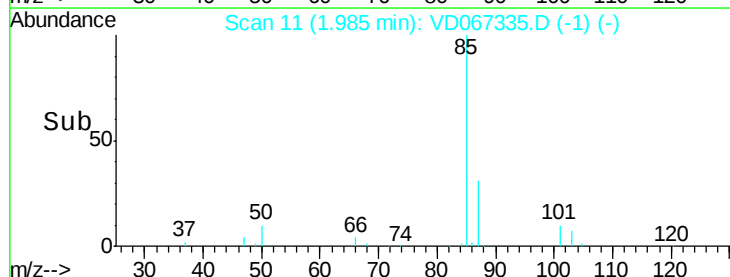
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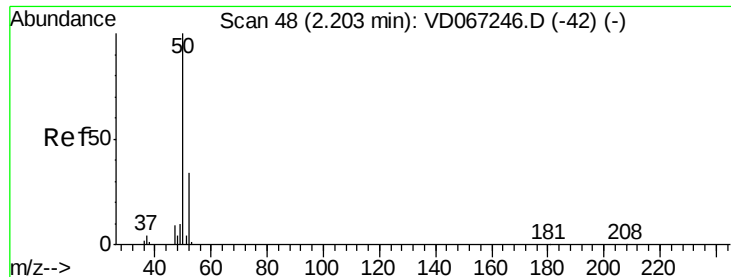
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 46.004 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 87941

Ion Ratio Lower Upper

50 100

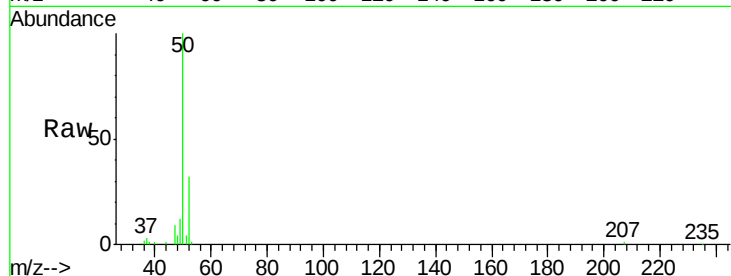
52 31.6 27.1 40.7

Manual Integrations

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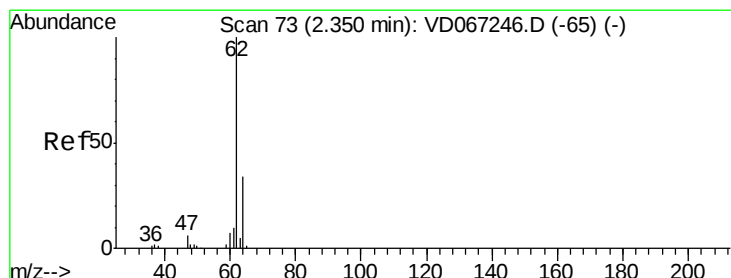
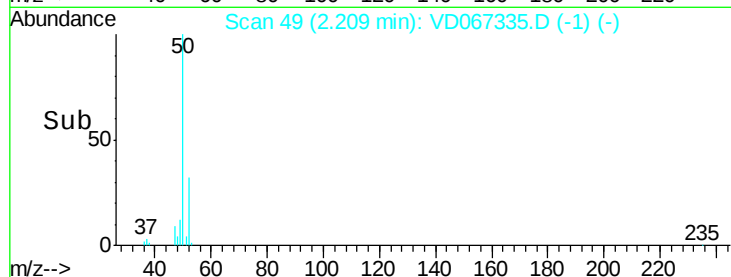
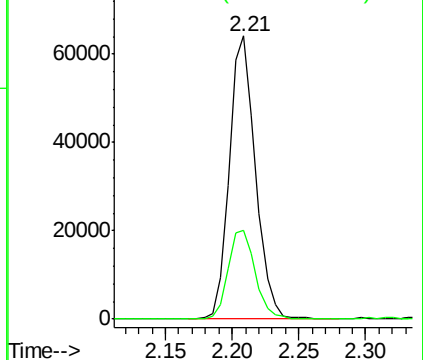
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.916 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067335.D

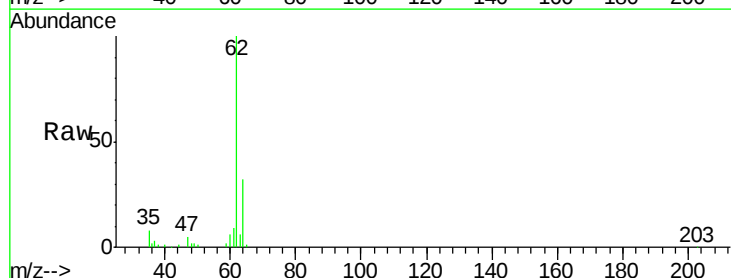
Acq: 20 Oct 2020 20:19

Tgt Ion: 62 Resp: 94208

Ion Ratio Lower Upper

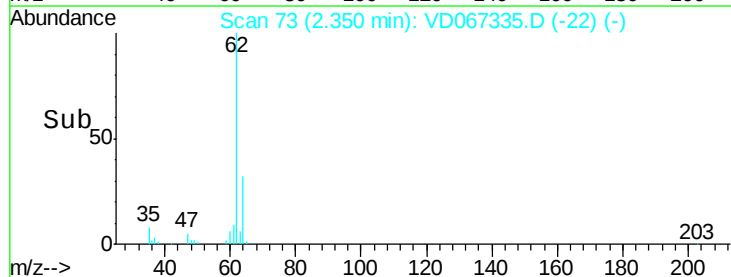
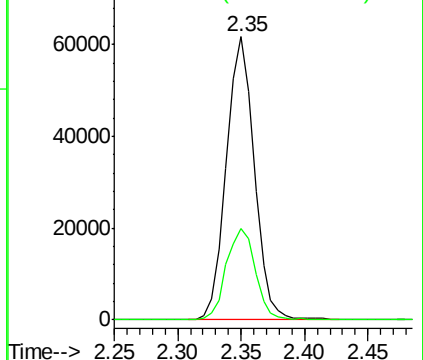
62 100

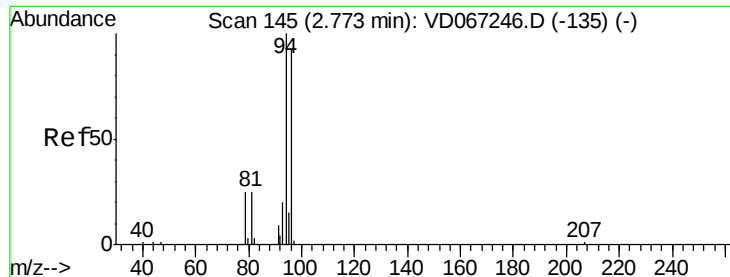
64 32.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.190 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

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Tot Ion: 94 Resp: 81587

Ion Ratio Lower Upper

94 100

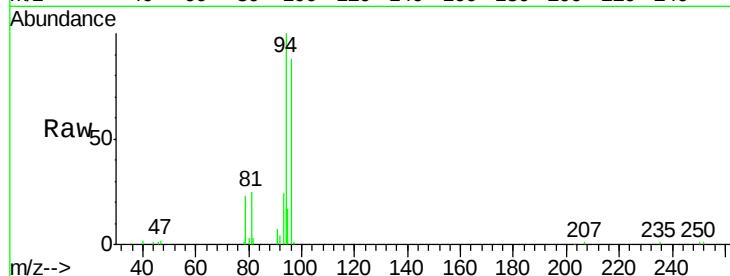
96 87.5 73.8 110.6

Manual Integrations

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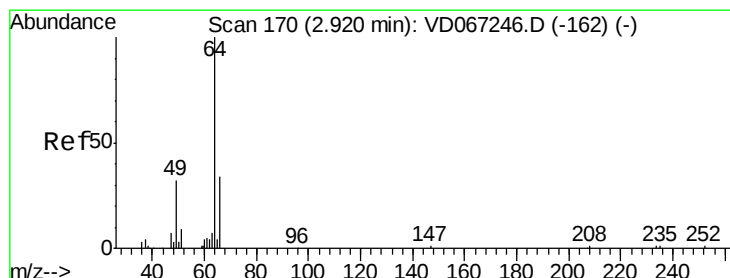
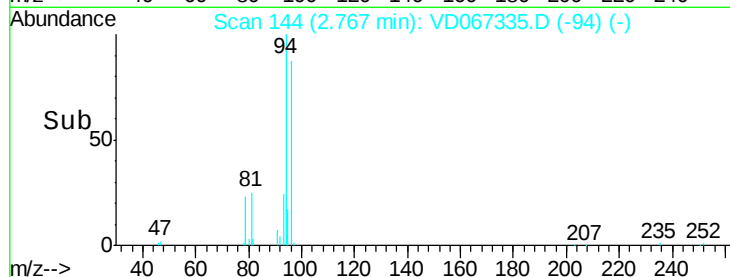
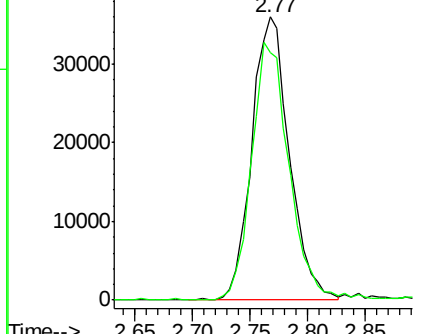
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.890 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067335.D

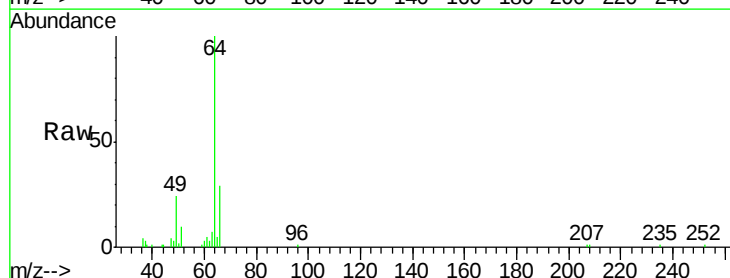
Acq: 20 Oct 2020 20:19

Tgt Ion: 64 Resp: 63861

Ion Ratio Lower Upper

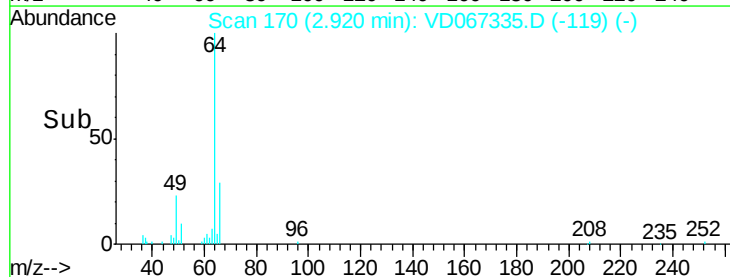
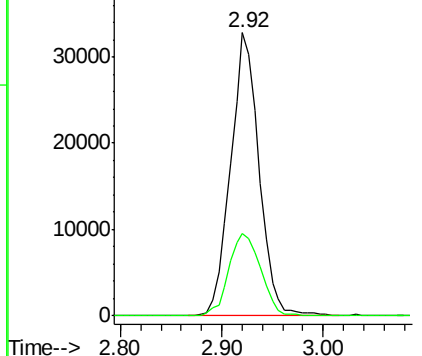
64 100

66 29.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 47.107 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD067335.D

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VSTDCCC050EC

Tot Ion:101 Resp: 248797

Ion Ratio Lower Upper

101 100

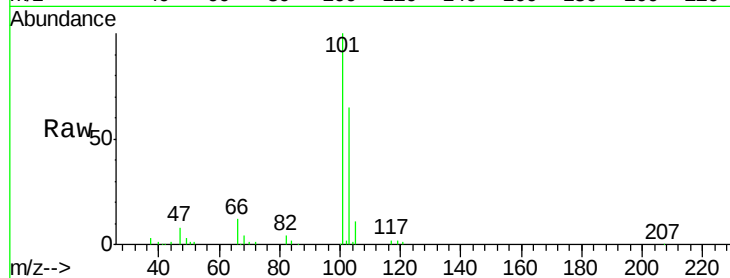
103 64.7 53.1 79.7

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

120000

100000

80000

60000

40000

20000

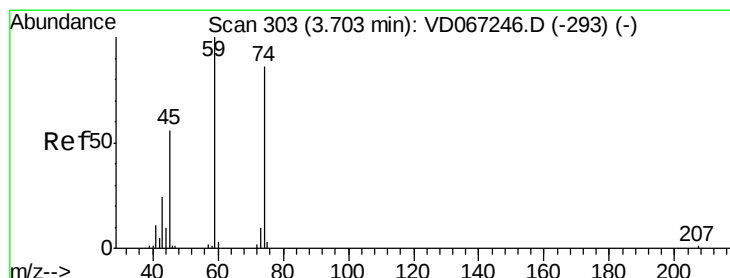
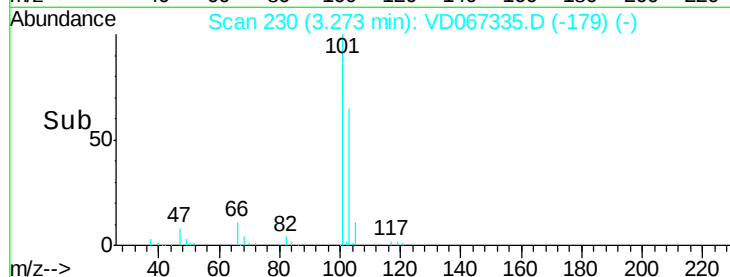
0

3.20

3.30

3.40

Time-->



#8

Diethyl Ether

Concen: 53.451 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD067335.D

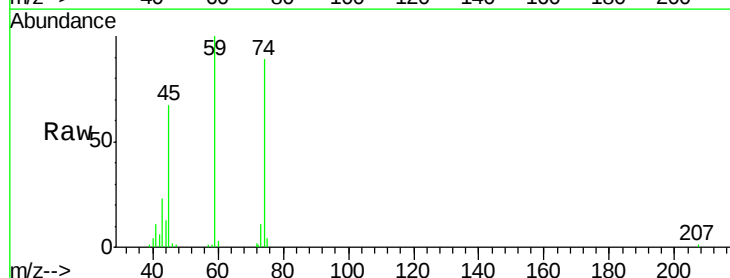
Acq: 20 Oct 2020 20:19

Tgt Ion: 74 Resp: 64598

Ion Ratio Lower Upper

74 100

45 76.6 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

30000

25000

20000

15000

10000

5000

0

3.60

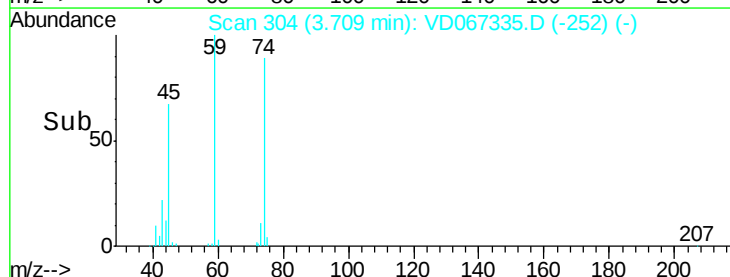
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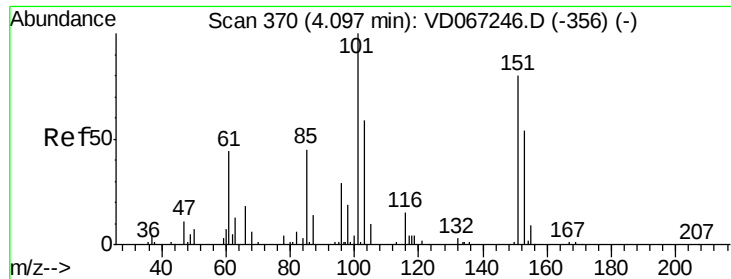
3.70

3.75

3.80

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.263 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

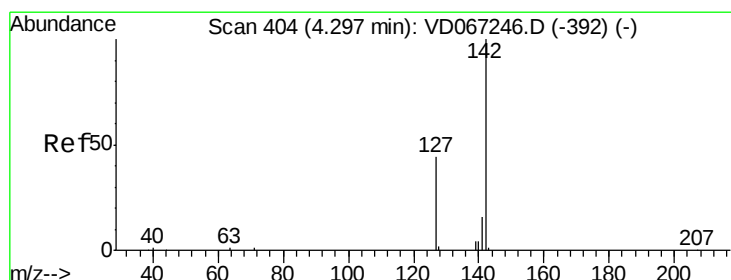
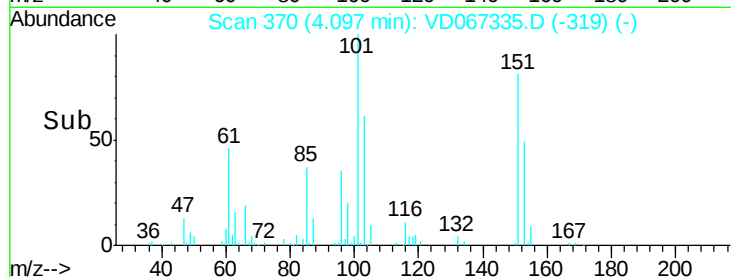
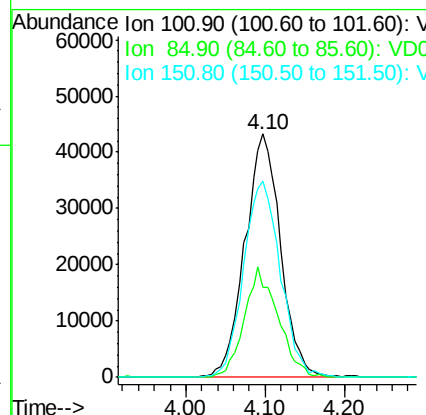
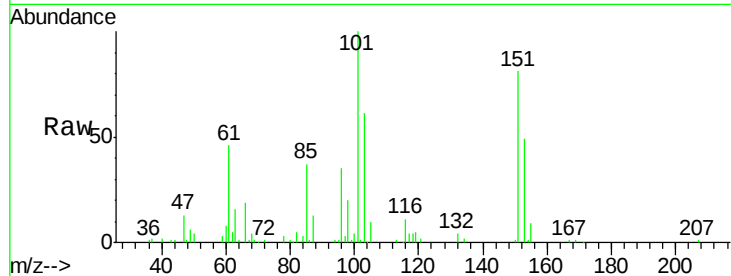
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	135428
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	83.2	66.3	99.5

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#10

Methyl Iodide

Concen: 53.739 ug/l

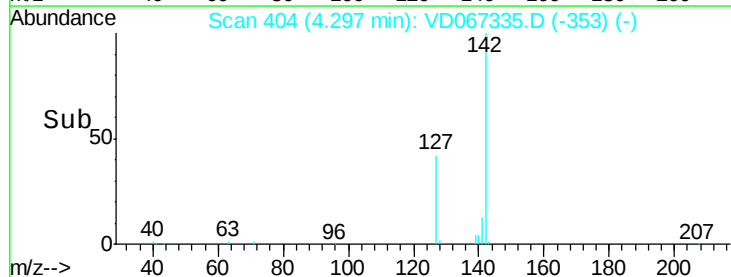
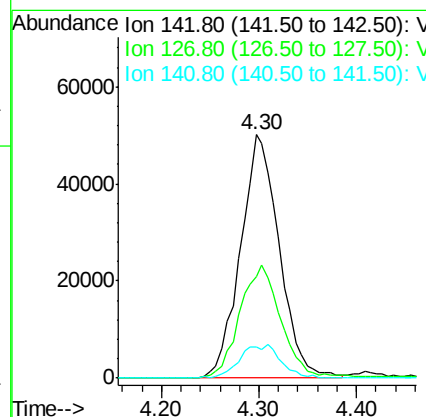
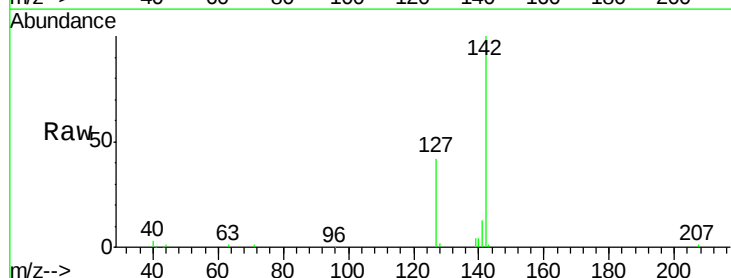
RT: 4.30 min Scan# 404

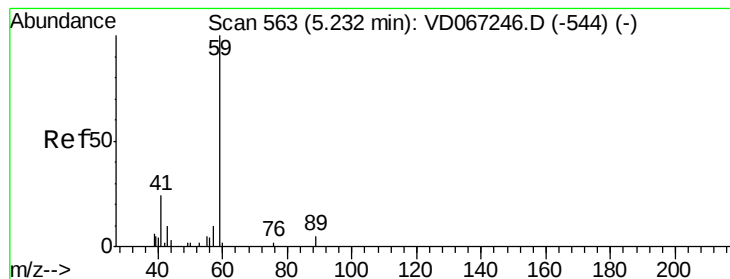
Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion:	142	Resp:	139101
Ion Ratio	Lower	Upper	
142	100		
127	49.6	38.4	57.6
141	14.6	11.6	17.4





#11

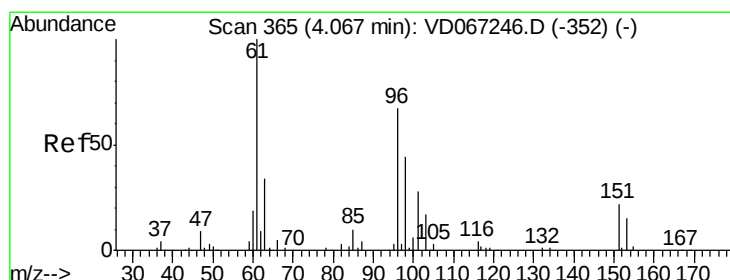
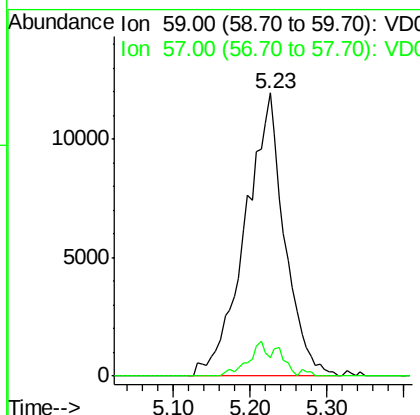
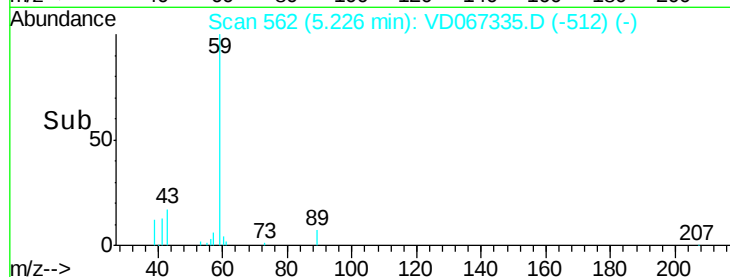
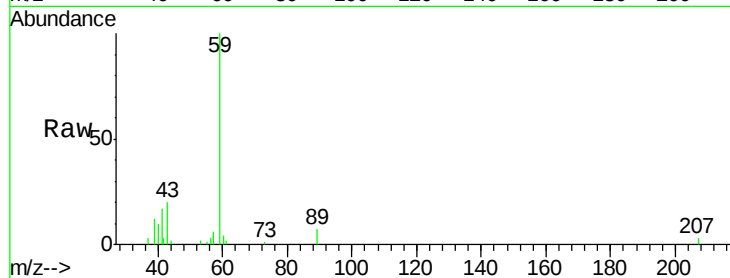
Tert butyl alcohol
Concen: 274.960 ug/l
RT: 5.23 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	5.1	7.7

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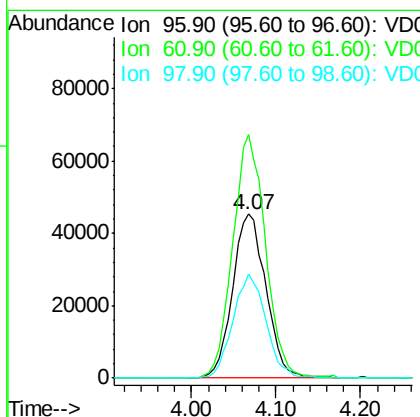
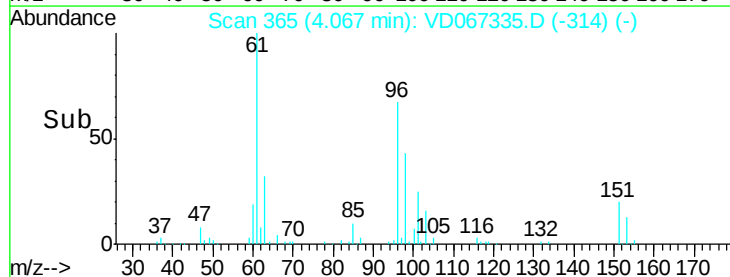
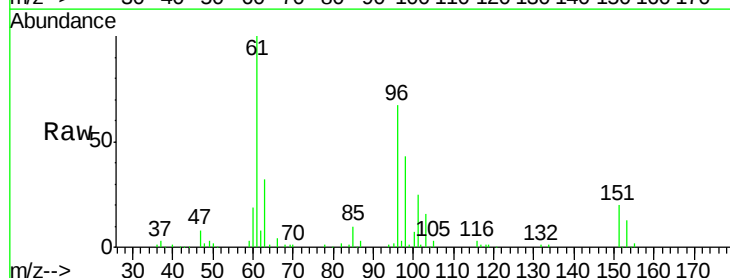
MMDadoda
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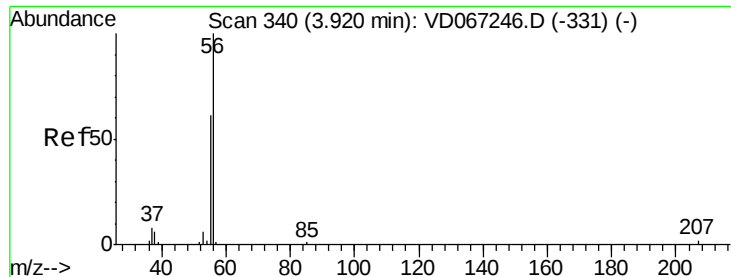


#12

1,1-Dichloroethene
Concen: 49.466 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	118.6	177.8
98	63.4	51.8	77.6





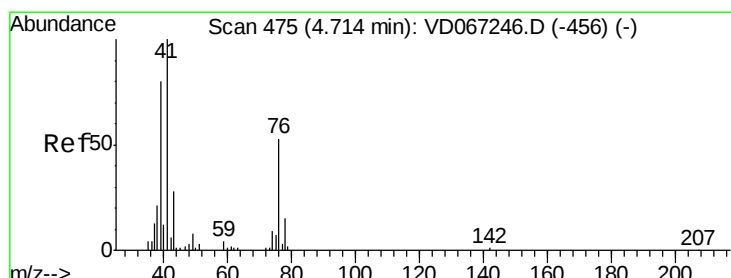
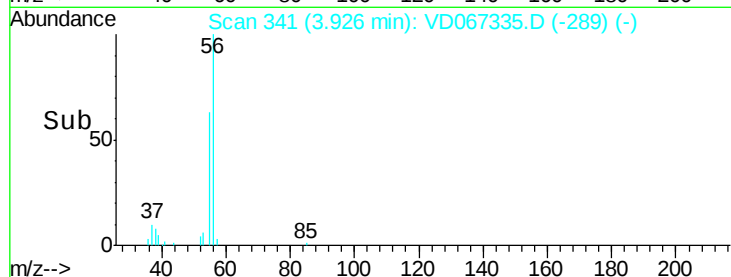
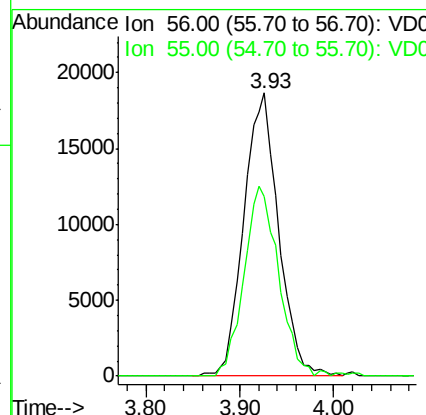
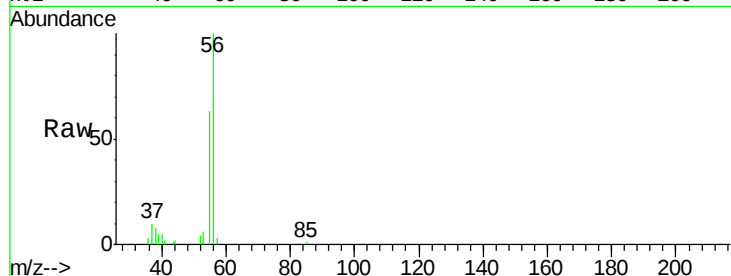
#13
Acrolein
Concen: 261.077 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	47673
Ion Ratio	100	Lower	Upper
55	67.0	56.0	84.0

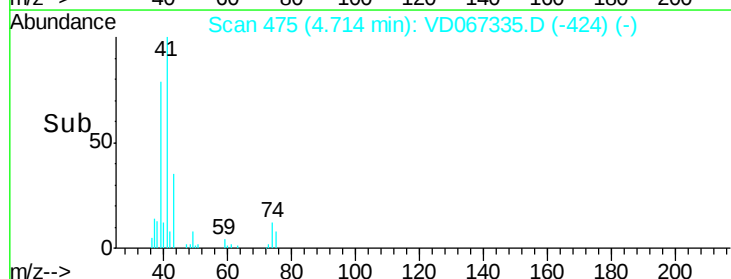
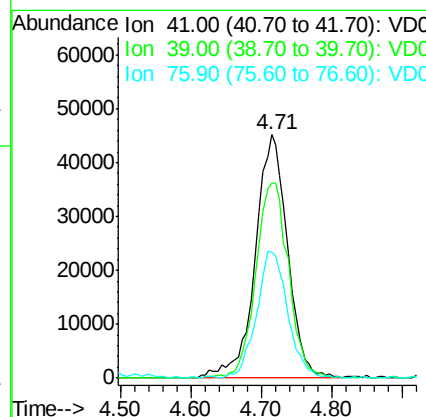
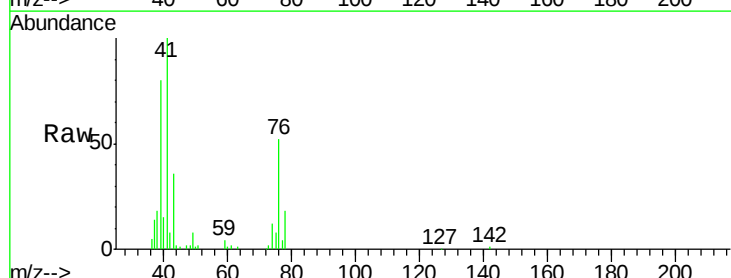
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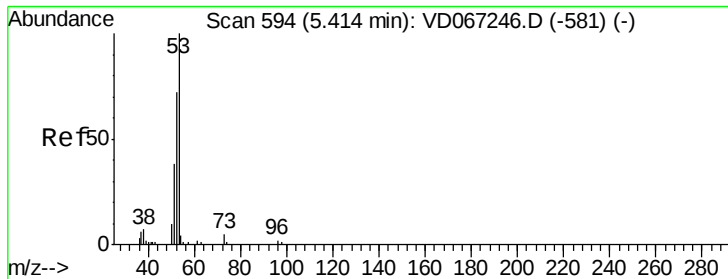
MMDadoda
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#14
Allyl chloride
Concen: 50.394 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	41	Resp	144670
Ion Ratio	100	Lower	Upper
39	81.5	63.8	95.6
76	50.1	40.4	60.6





#15

Acrylonitrile

Concen: 284.570 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

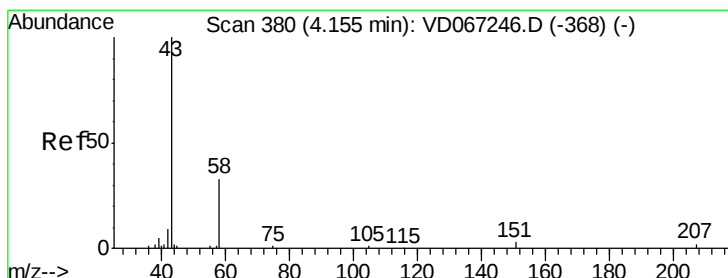
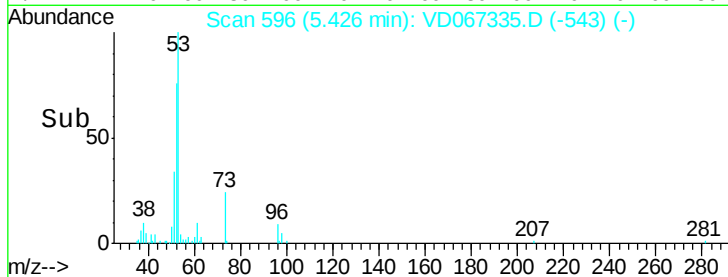
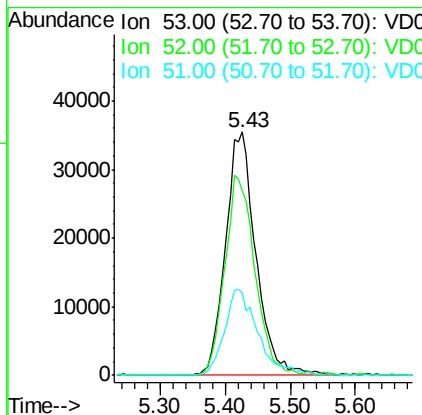
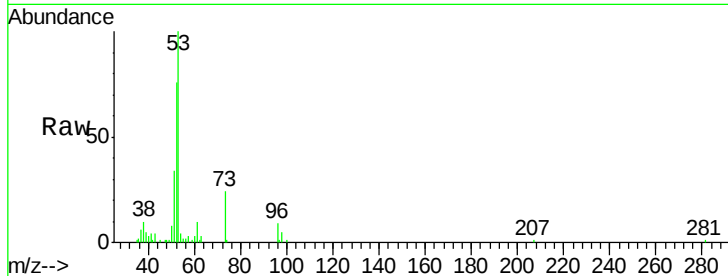
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	114755
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.6	98.4
51	38.6	30.8	46.2

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#16

Acetone

Concen: 226.108 ug/l

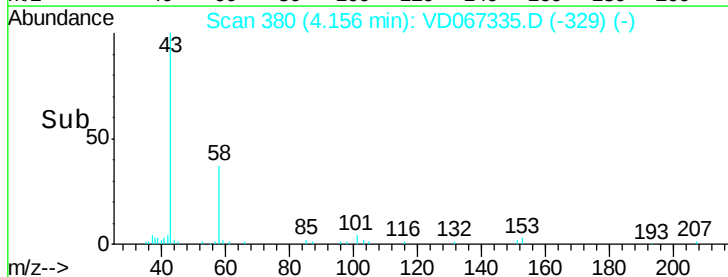
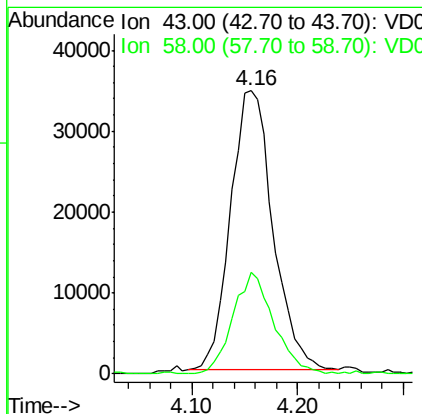
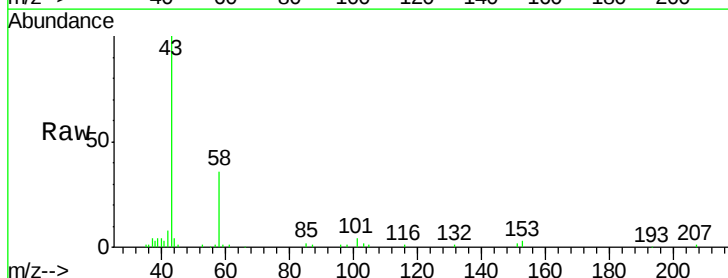
RT: 4.16 min Scan# 380

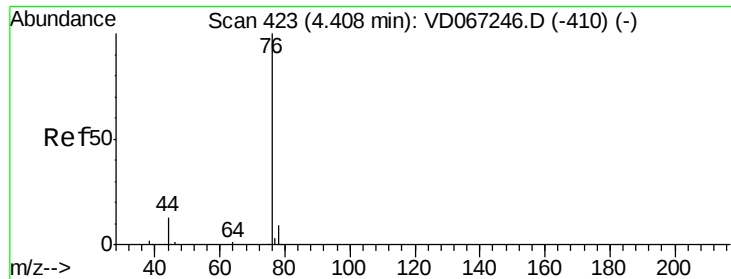
Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion:	43	Resp:	96362
Ion Ratio	Lower	Upper	
43	100		
58	36.6	26.1	39.1





#17

Carbon Disulfide

Concen: 46.518 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 332440

Ion Ratio Lower Upper

76 100

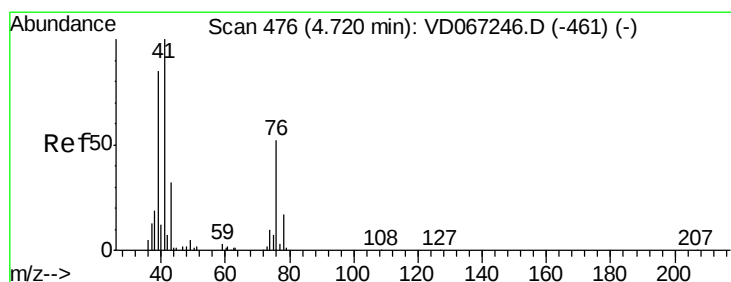
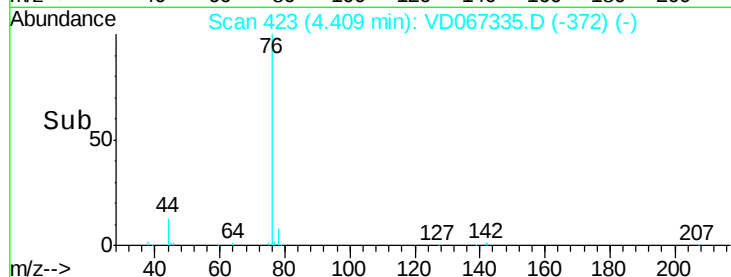
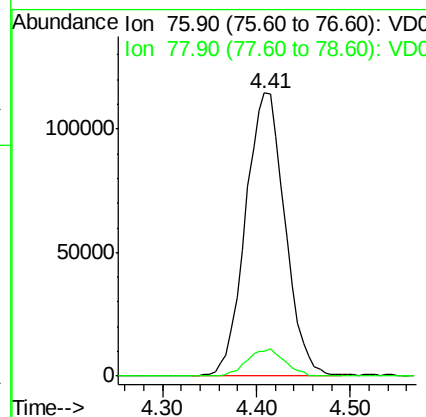
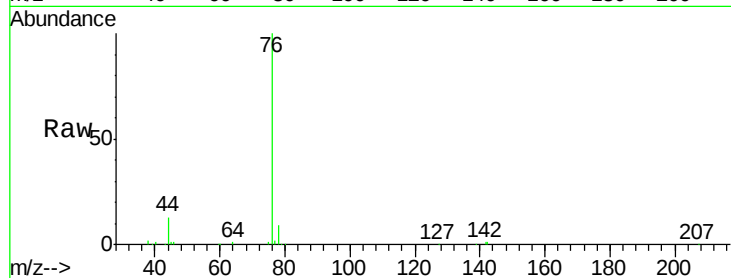
78 8.7 7.4 11.0

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#18

Methyl Acetate

Concen: 55.843 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067335.D

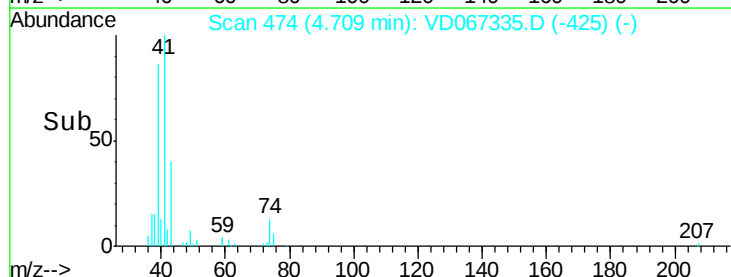
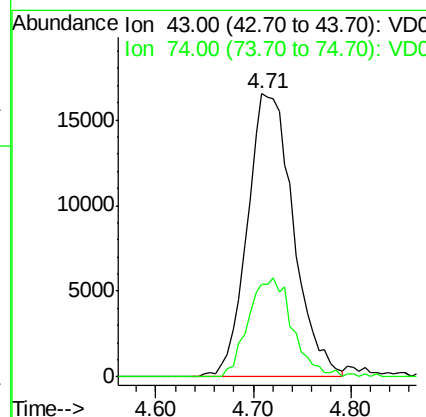
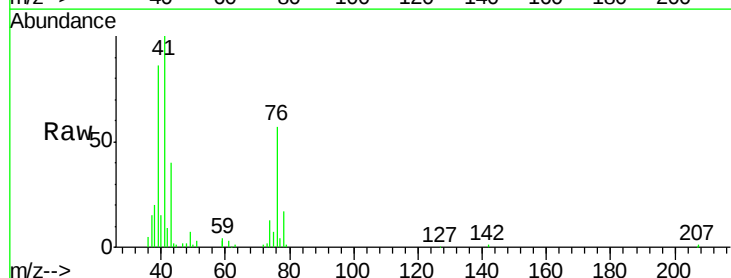
Acq: 20 Oct 2020 20:19

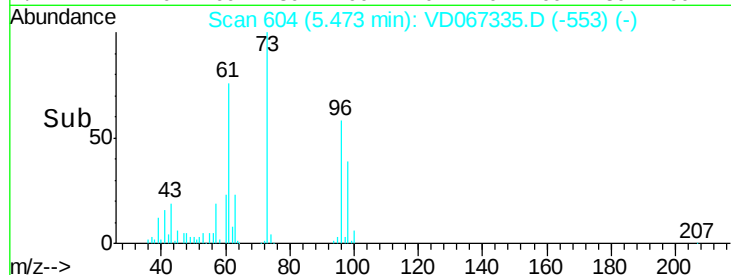
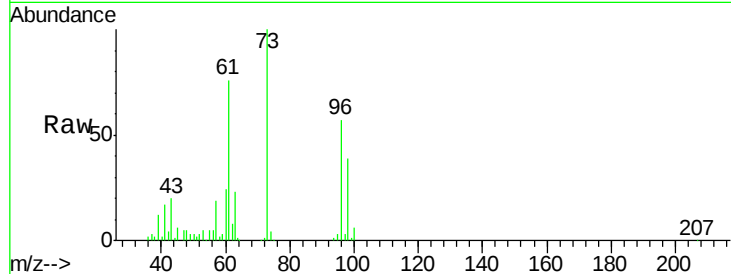
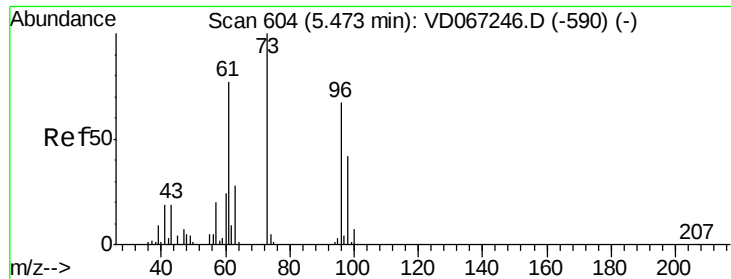
Tgt Ion: 43 Resp: 54282

Ion Ratio Lower Upper

43 100

74 33.5 26.6 39.8





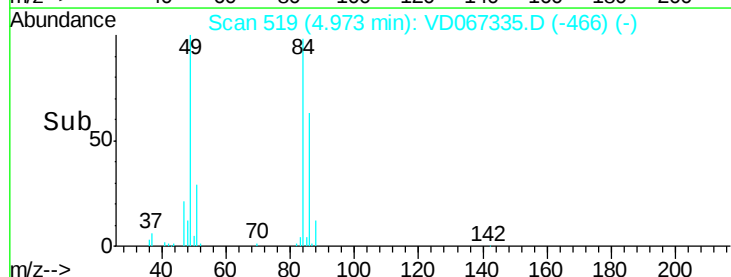
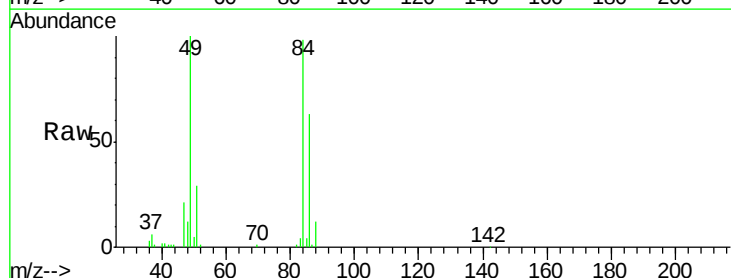
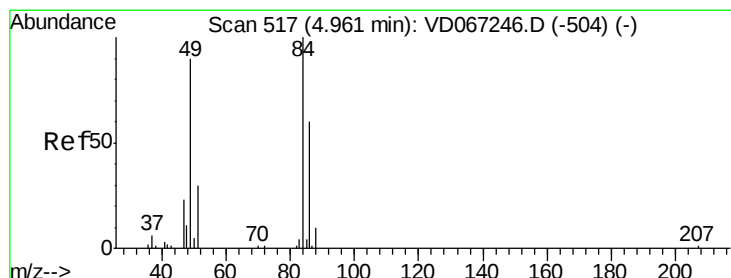
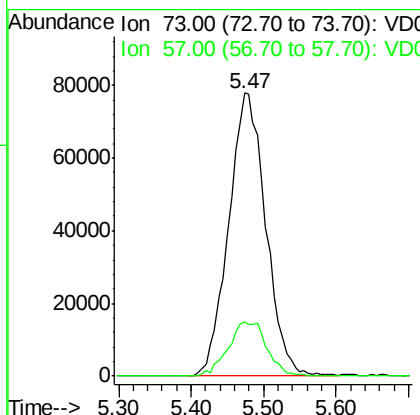
#19
Methyl tert-butyl Ether
Concen: 55.359 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tot Ion: 73 Resp: 275943
Ion Ratio Lower Upper
73 100
57 19.2 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

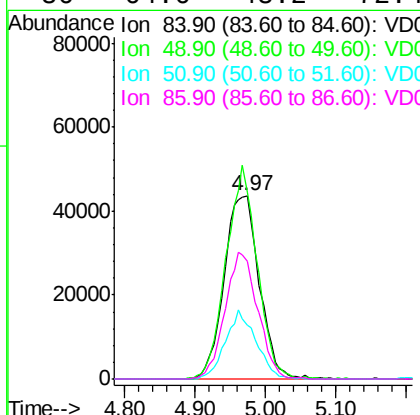
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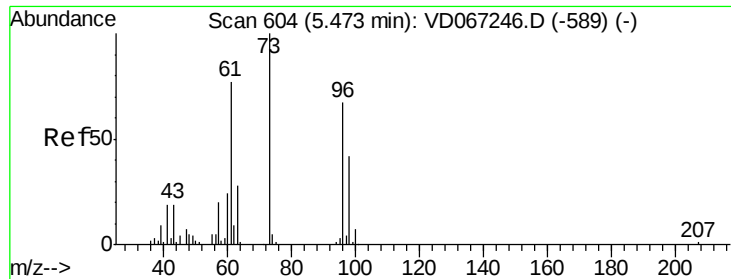
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#20
Methylene Chloride
Concen: 55.648 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion: 84 Resp: 150527
Ion Ratio Lower Upper
84 100
49 101.9 72.2 108.2
51 29.7 23.8 35.8
86 64.6 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 51.492 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

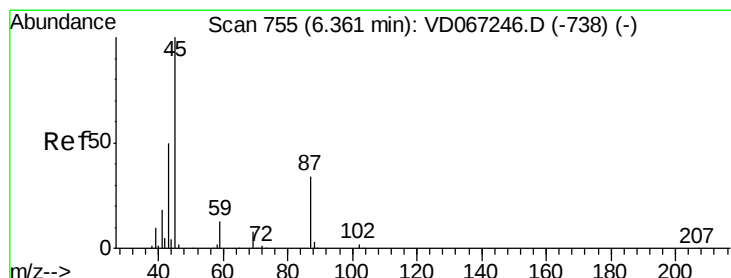
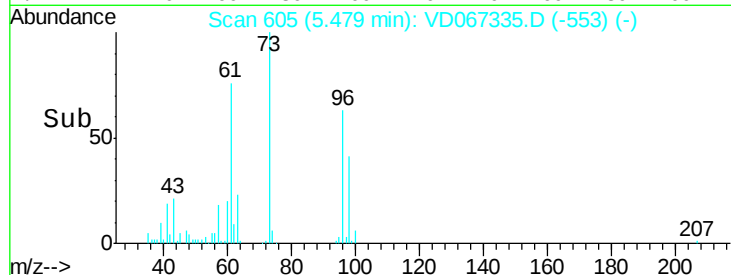
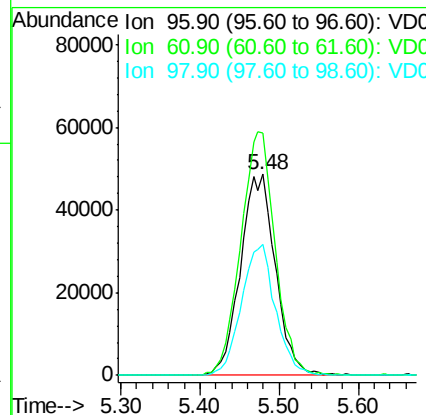
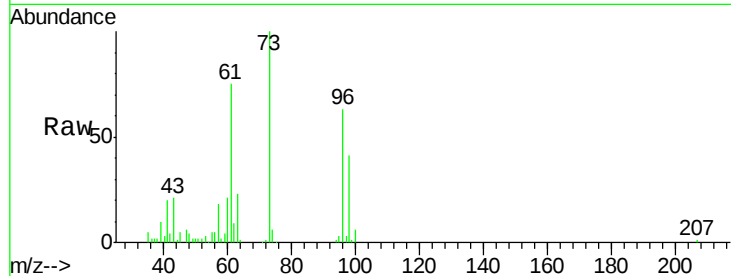
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	148545
Ion	Ratio	Lower	Upper
96	100		
61	120.4	92.0	138.0
98	64.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.767 ug/l

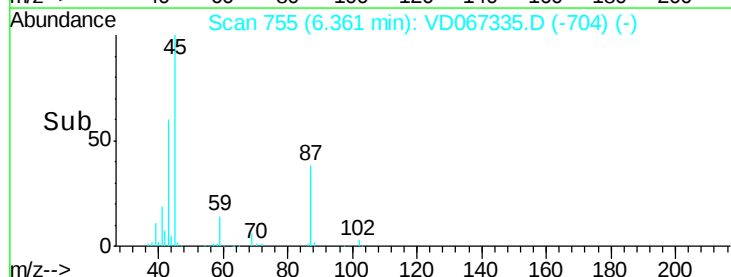
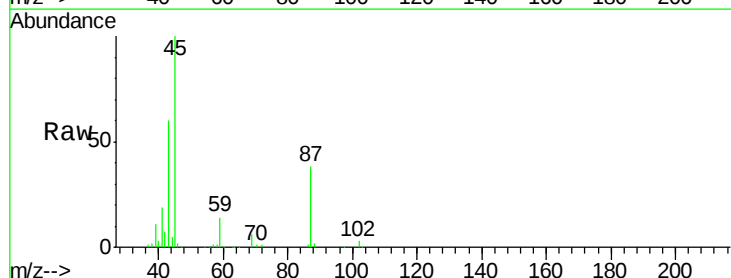
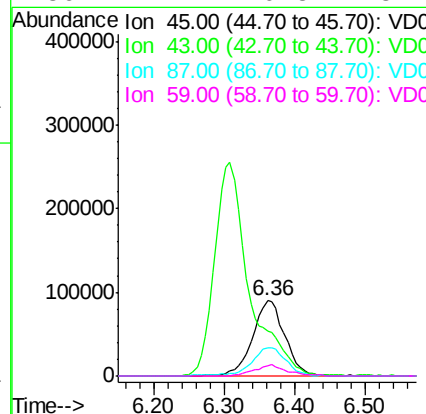
RT: 6.36 min Scan# 755

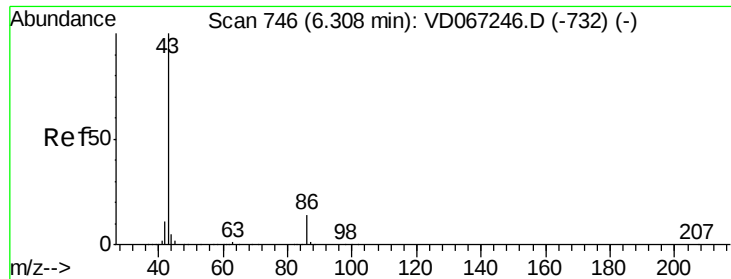
Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion:	45	Resp:	287211
Ion	Ratio	Lower	Upper
45	100		
43	58.3	48.0	72.0
87	38.0	28.5	42.7
59	14.2	10.5	15.7





#23

Vinyl Acetate

Concen: 292.823 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 873656

Ion Ratio Lower Upper

43 100

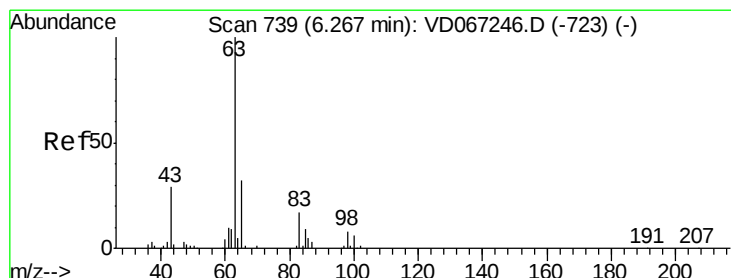
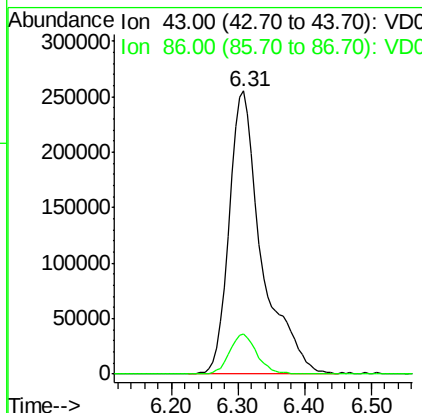
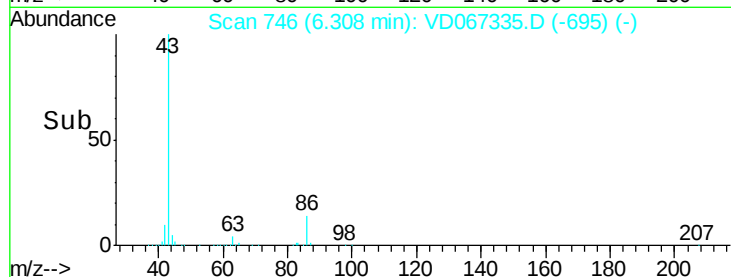
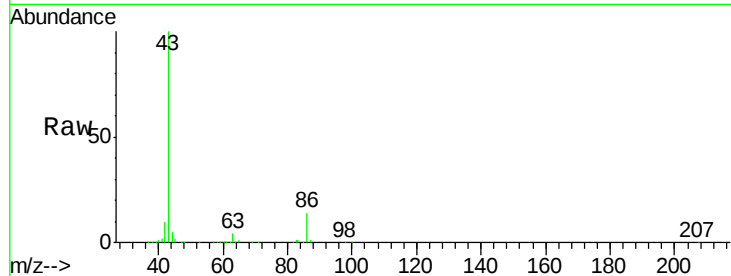
86 14.3 11.0 16.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.667 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

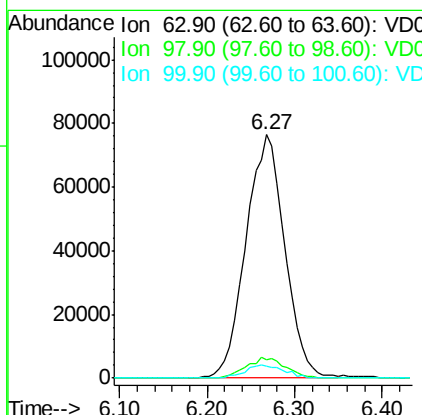
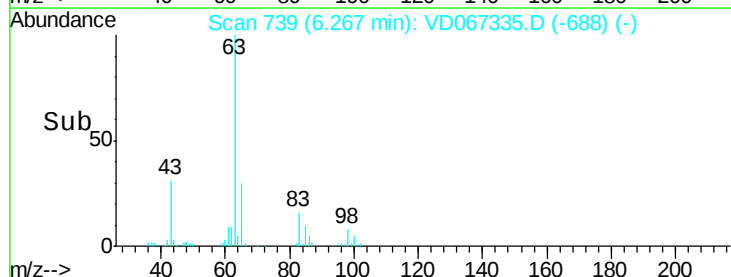
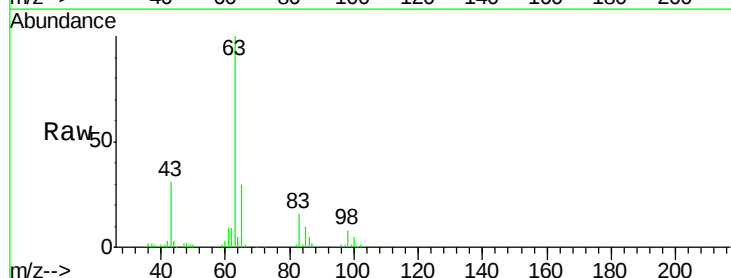
Tgt Ion: 63 Resp: 231939

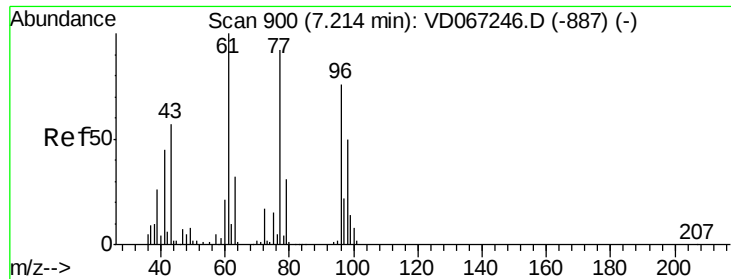
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.1 2.8 8.4





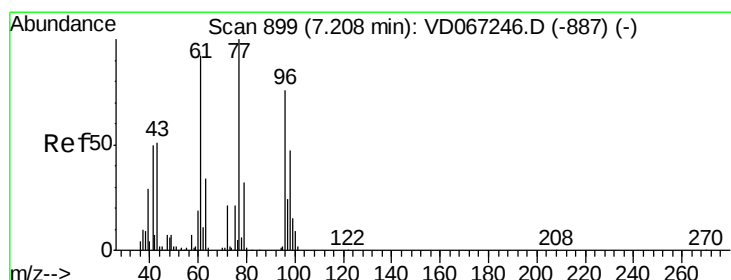
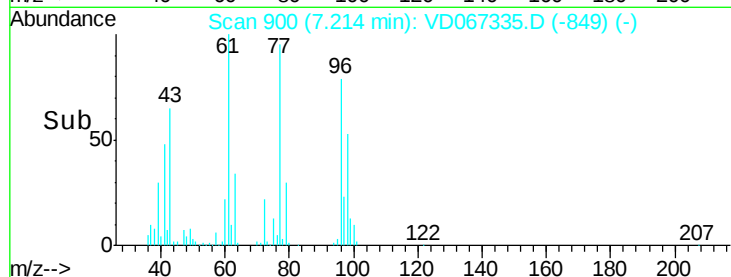
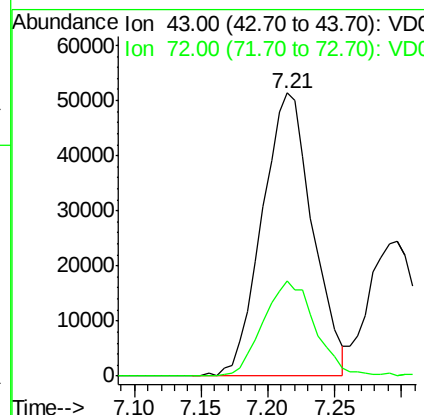
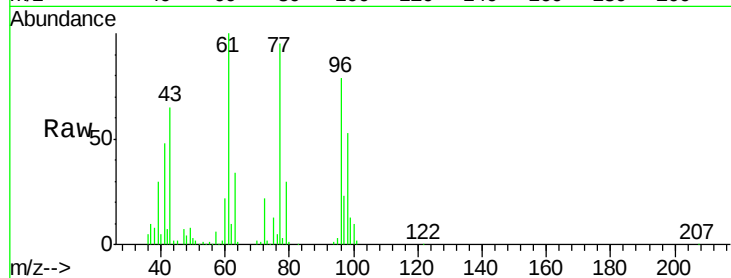
#25
2-Butanone
Concen: 277.210 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 134668
Ion Ratio Lower Upper
43 100
72 33.6 23.7 35.5

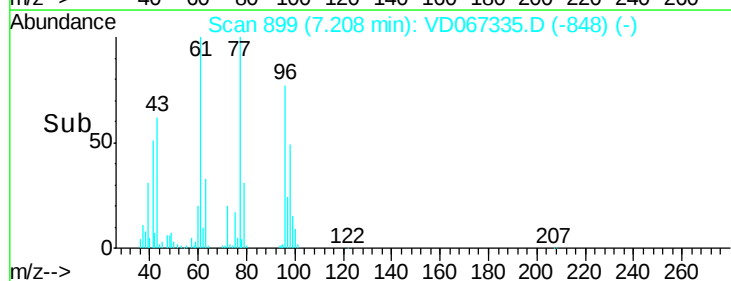
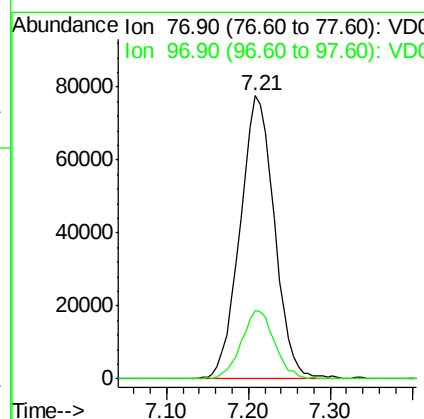
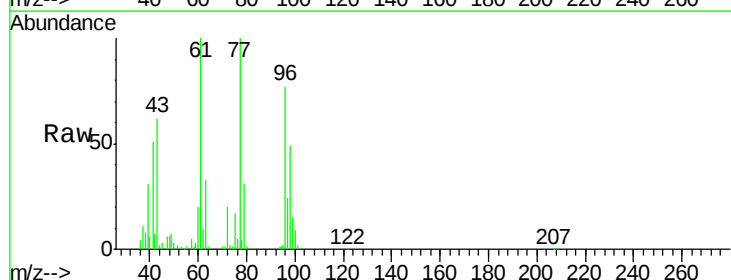
Manual Integrations
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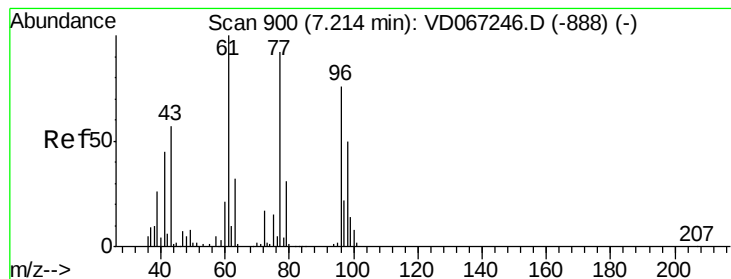
MMDadoda
10/21/2020 2:52:04 PM



#26
2,2-Dichloropropane
Concen: 49.004 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion: 77 Resp: 226746
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27

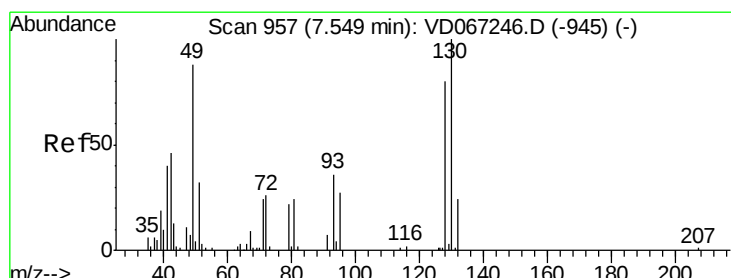
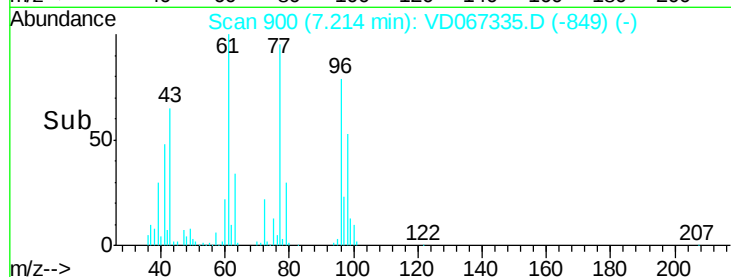
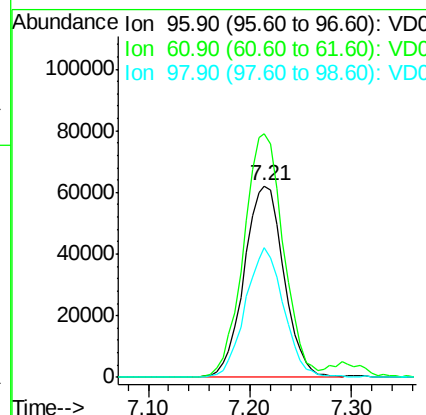
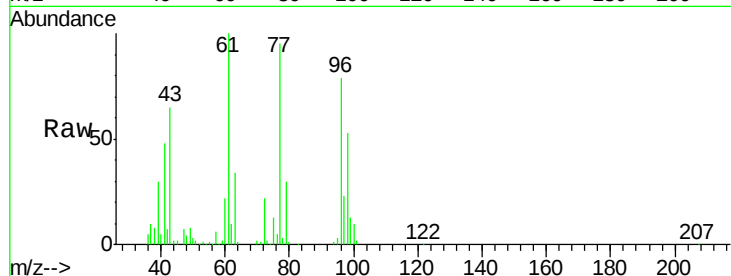
cis-1,2-Dichloroethene
Concen: 53.351 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168679		
61	127.4		0.0	255.4
98	65.2		0.0	128.0

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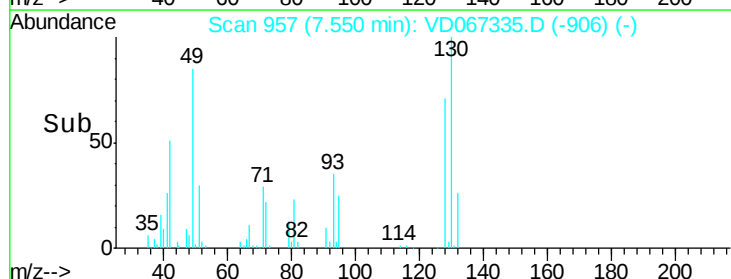
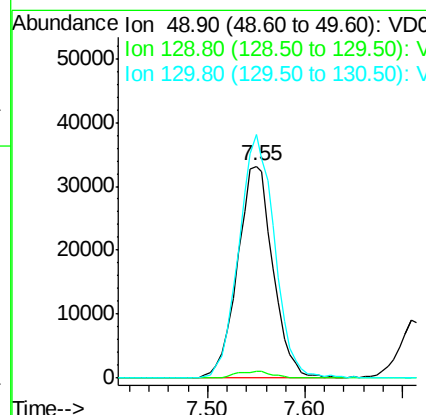
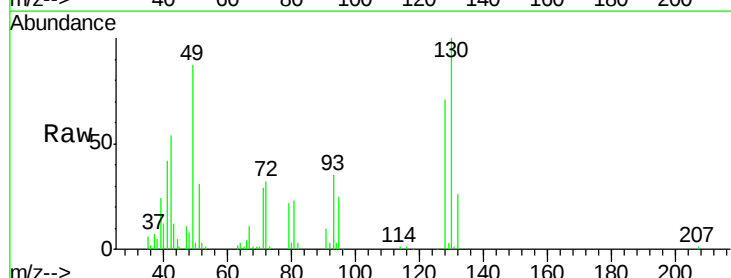
MMDadoda
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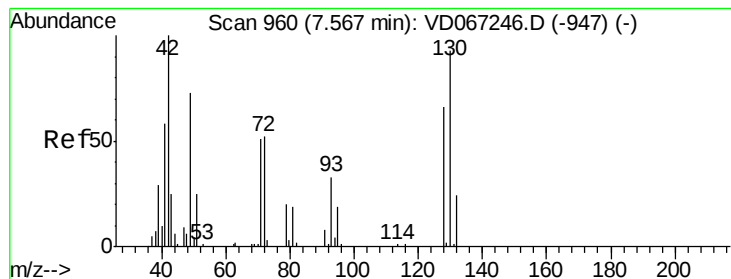


#28

Bromochloromethane
Concen: 54.667 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83706		
129	3.1		0.0	1.6#
130	116.0		91.0	136.6





#29

Tetrahydrofuran

Concen: 293.828 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

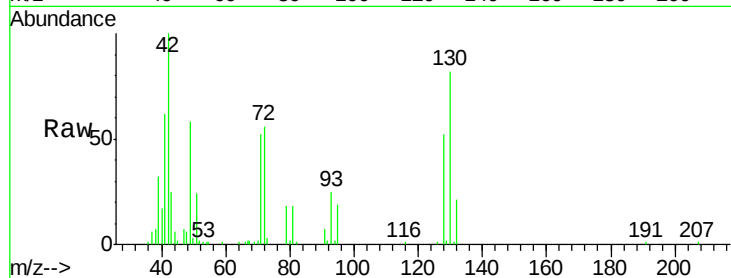
ClientSampleId :

VSTDCCC050EC

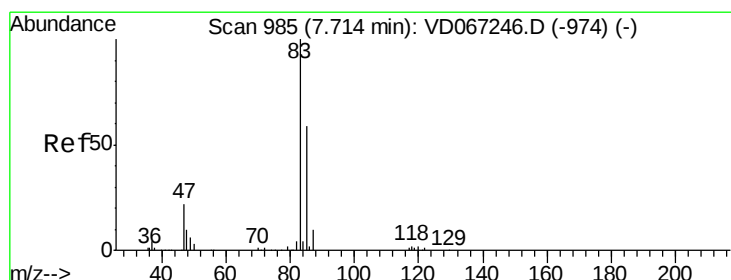
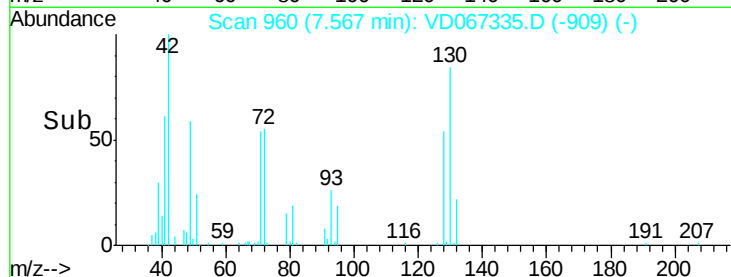
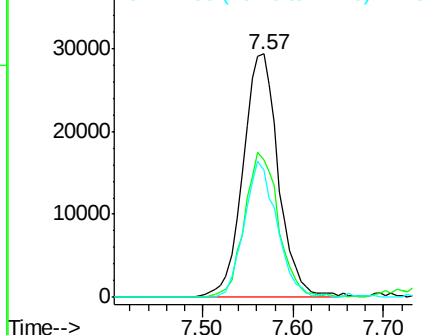
Tot Ion:	42	Resp:	79347
Ion	Ratio	Lower	Upper
42	100		
72	57.4	43.2	64.8
71	51.1	39.4	59.0

Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 52.567 ug/l

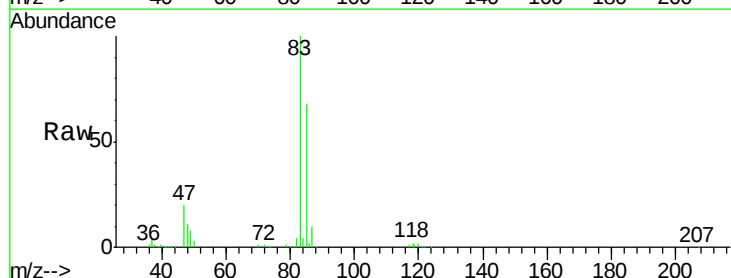
RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

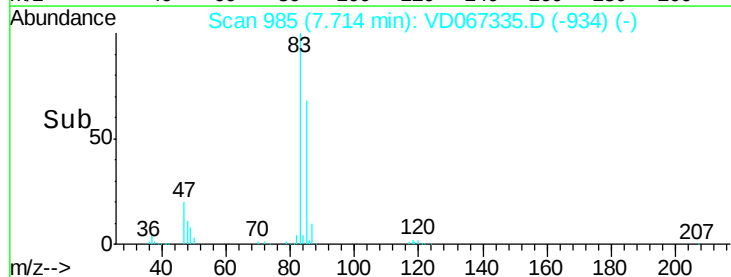
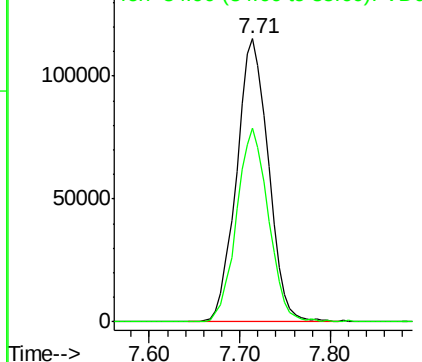
Lab File: VD067335.D

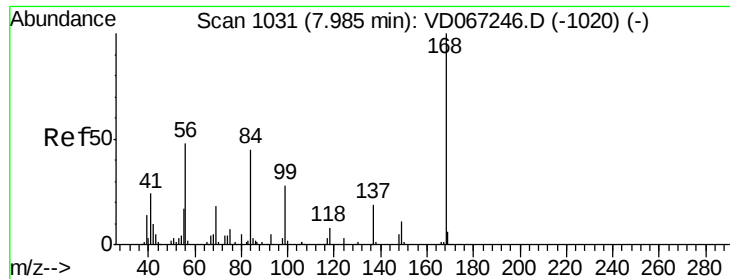
Acq: 20 Oct 2020 20:19

Tgt Ion:	83	Resp:	281902
Ion	Ratio	Lower	Upper
83	100		
85	68.4	47.3	70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





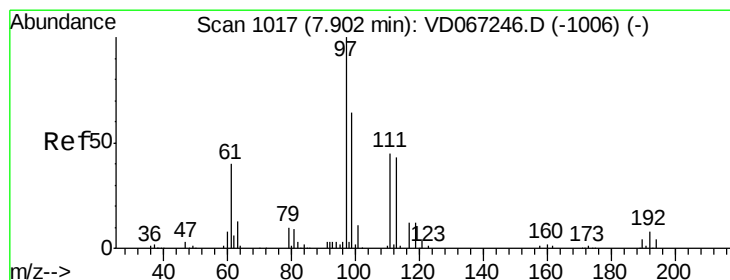
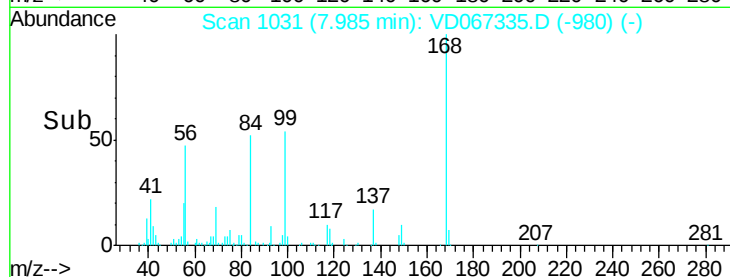
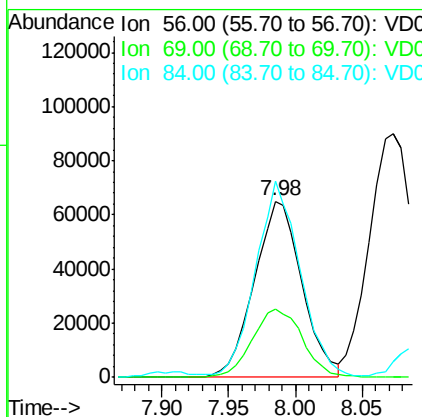
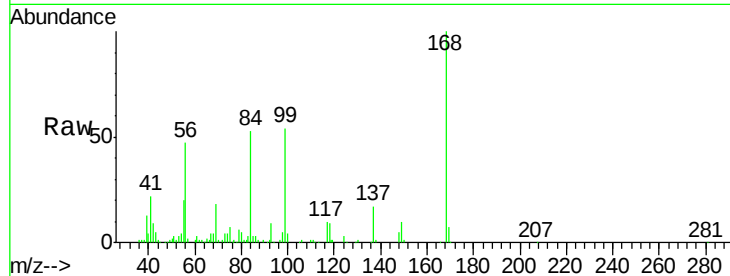
#31
Cyclohexane
Concen: 45.912 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.8	29.8	44.6
84	109.5	76.6	114.8

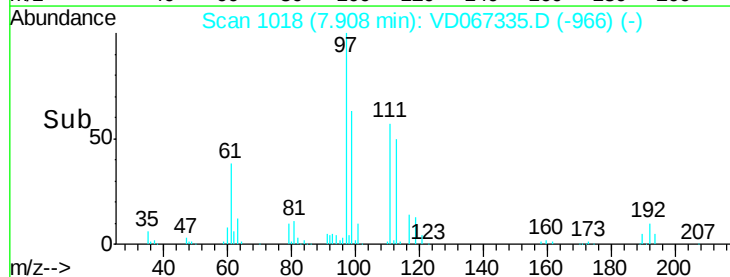
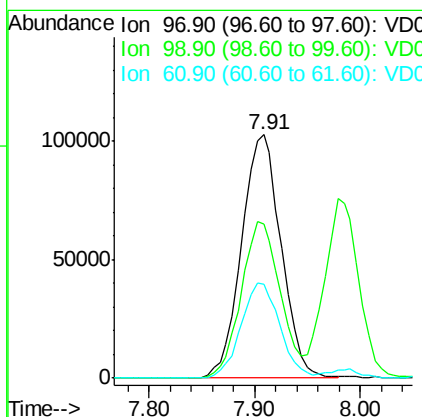
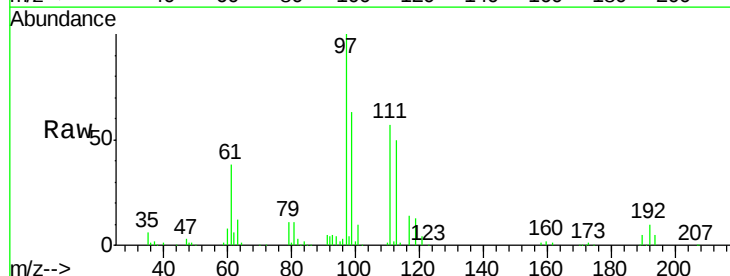
Manual Integrations
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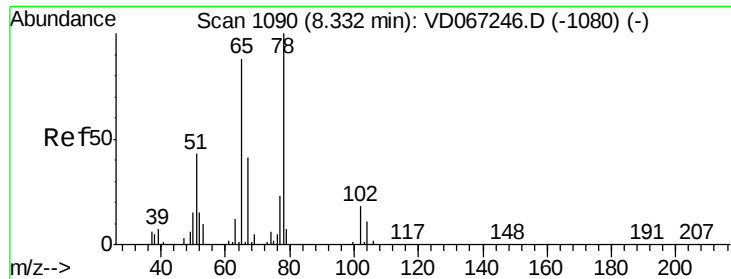
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.747 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.2	75.4
61	38.1	30.5	45.7





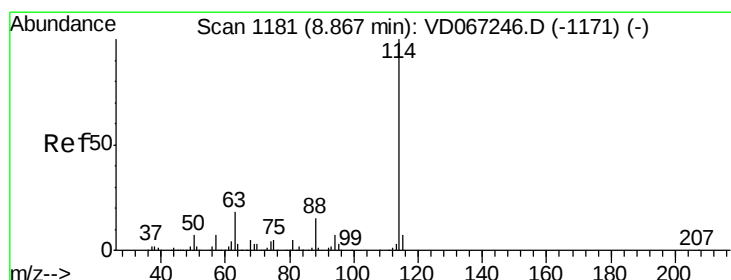
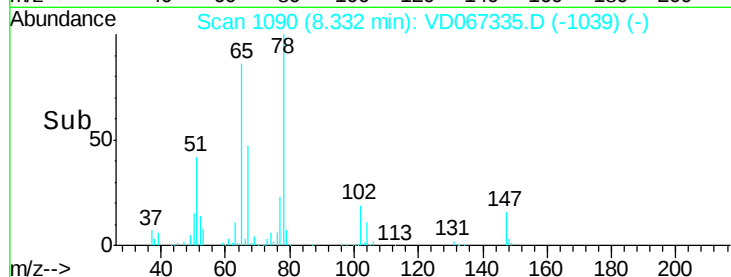
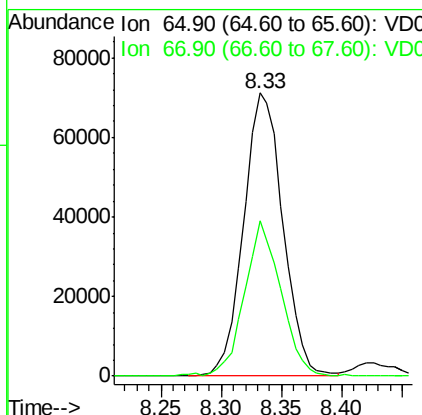
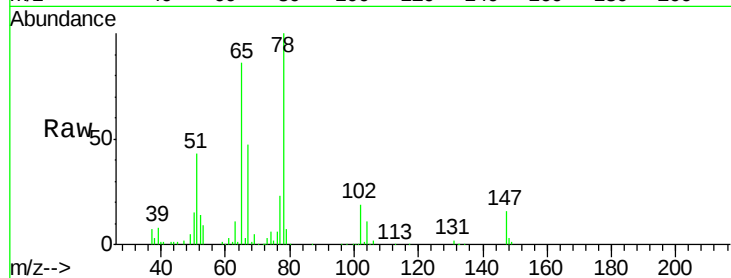
#33
 1,2-Dichloroethane-d4
 Concen: 52.965 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161175		
67	51.0	0.0	103.8	

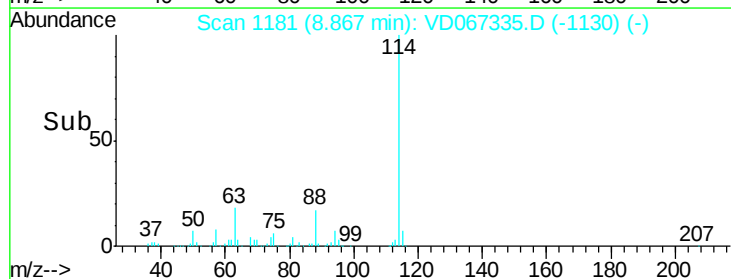
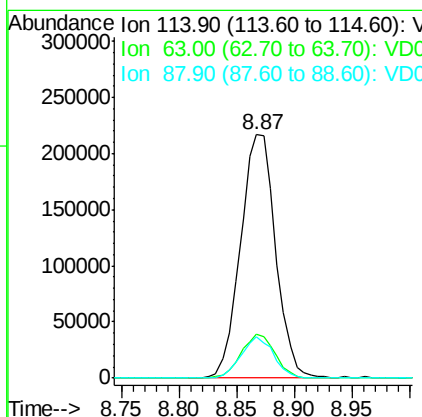
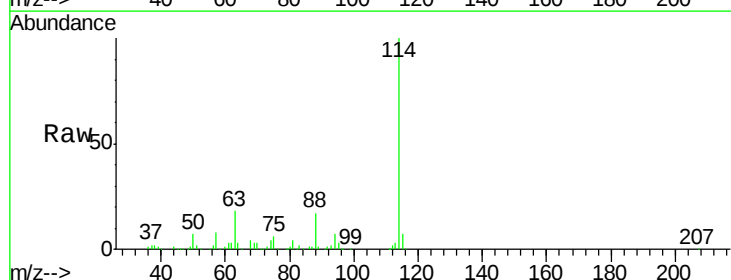
Manual Integrations
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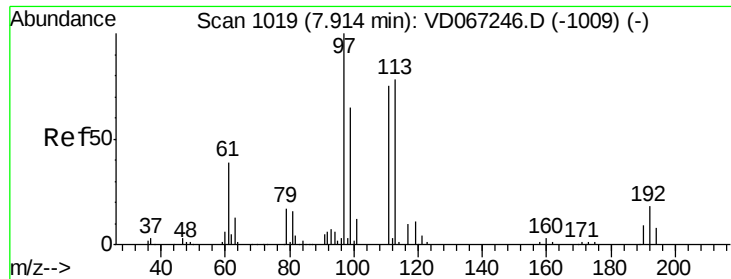
MMDadoda
 10/21/2020 2:52:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	458401		
63	17.9	0.0	35.0	
88	16.9	0.0	30.6	





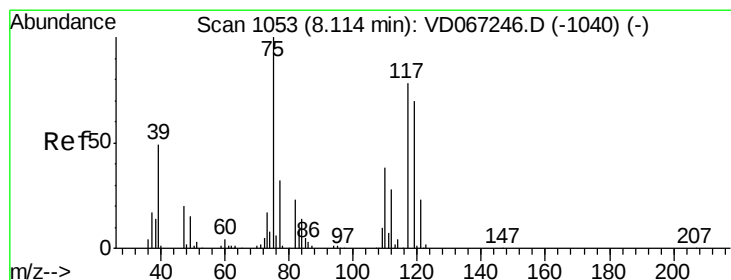
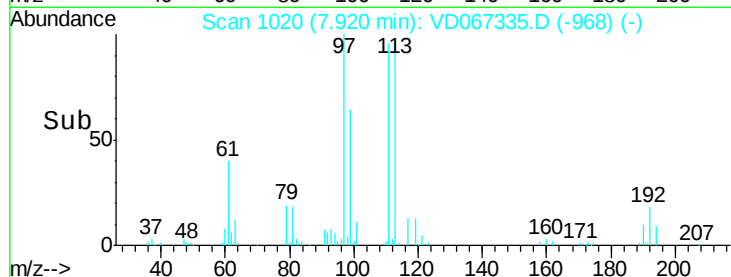
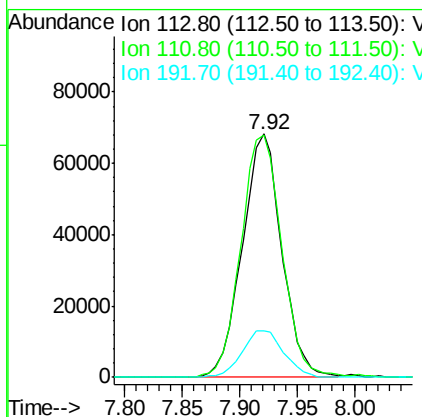
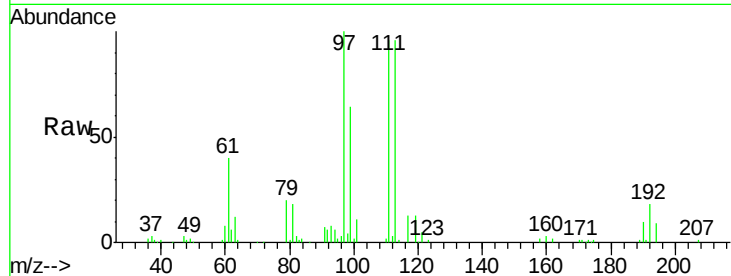
#35
 Dibromofluoromethane
 Concen: 53.095 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161975		
111	103.6	81.6	122.4	
192	20.3	17.0	25.4	

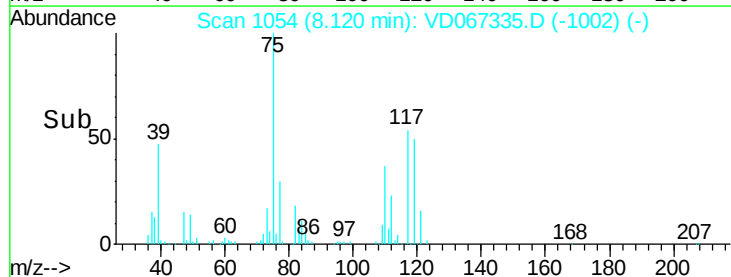
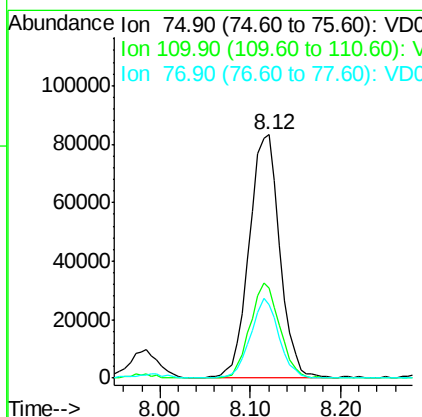
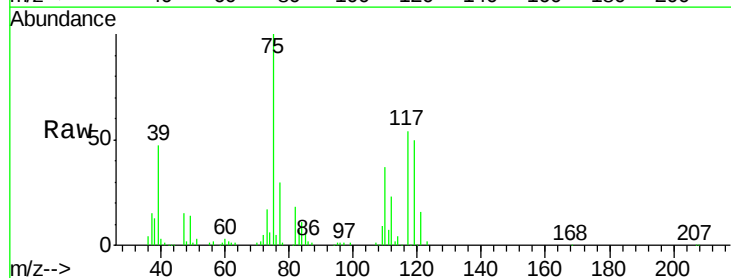
Manual Integrations
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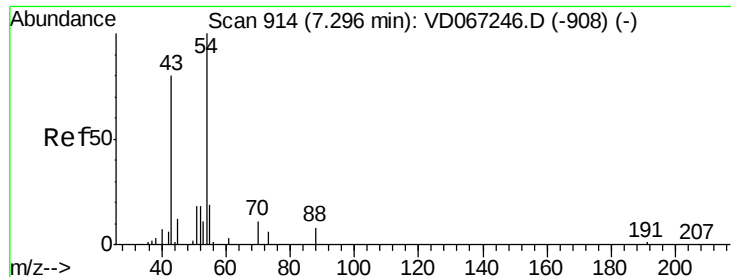
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#36
 1,1-Dichloropropene
 Concen: 50.149 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	194840		
110	37.8	19.6	58.7	
77	30.4	24.6	37.0	





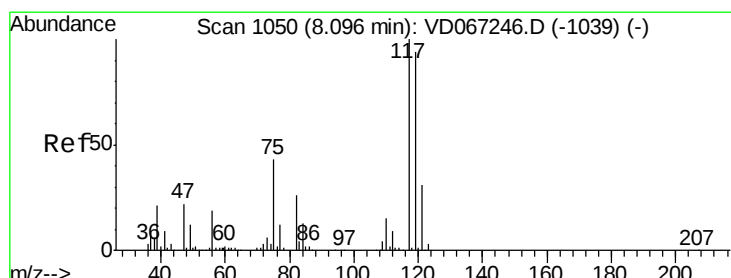
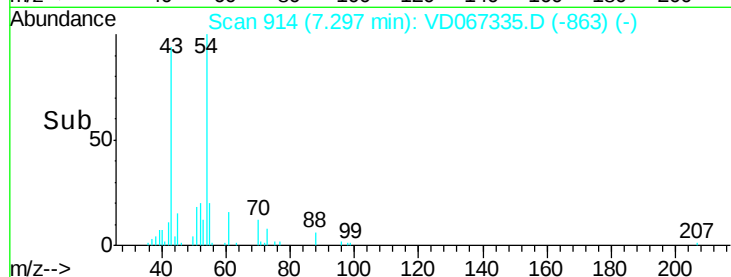
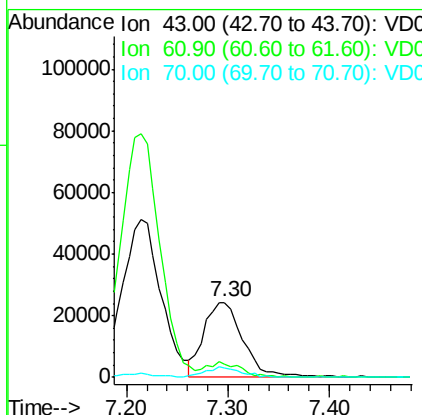
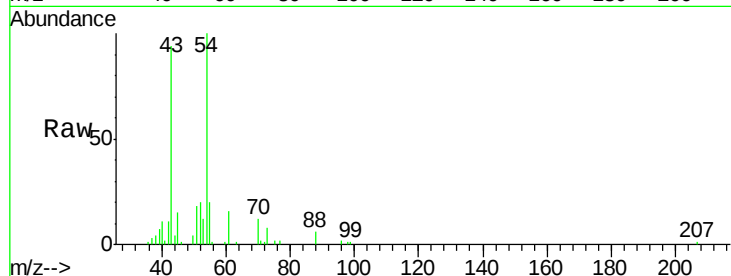
#37
Ethyl Acetate
Concen: 56.130 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	15.6	23.4
70	12.8	10.4	15.6

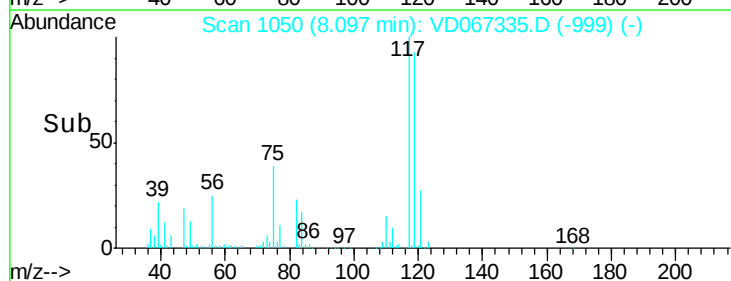
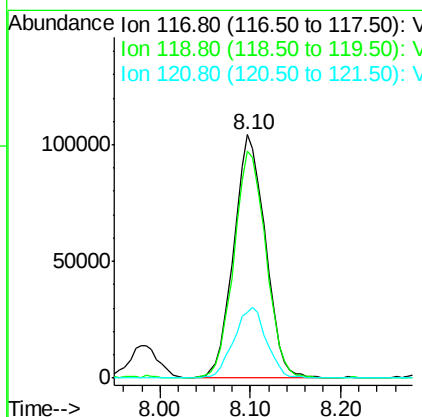
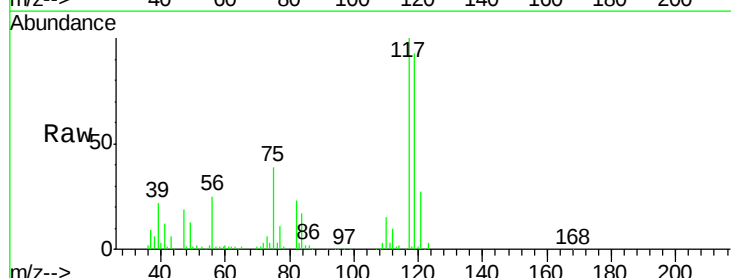
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#38
Carbon Tetrachloride
Concen: 50.833 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.0	112.4
121	27.0	24.9	37.3





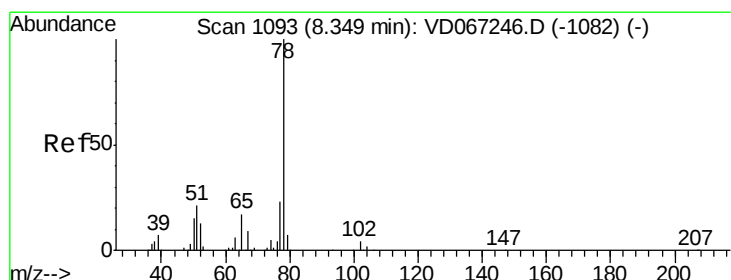
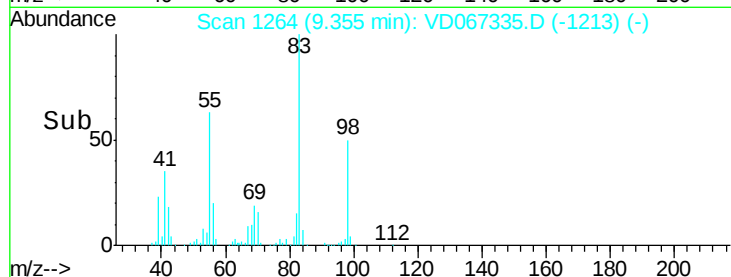
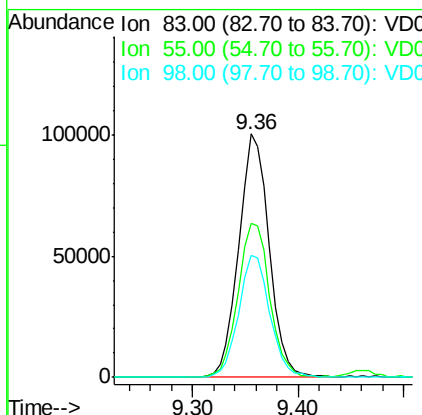
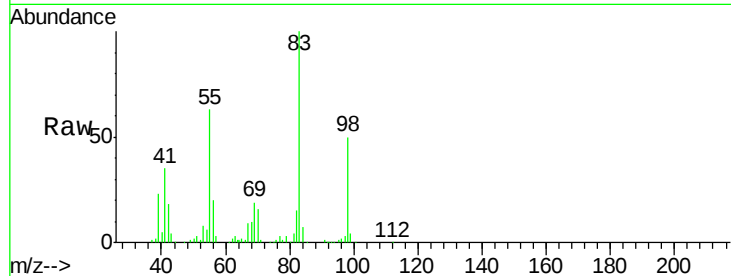
#39
Methylvlcyclohexane
Concen: 49.434 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	200790		
55	63.4		53.3	79.9
98	50.0		41.0	61.4

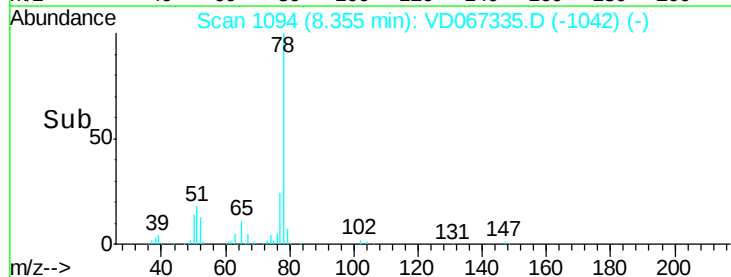
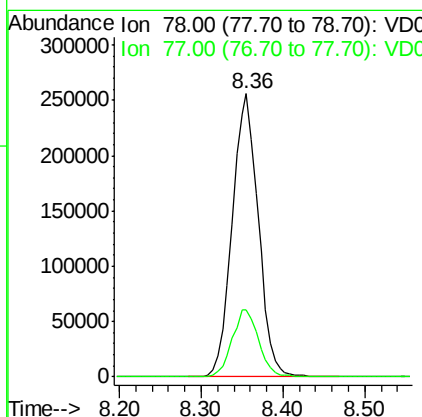
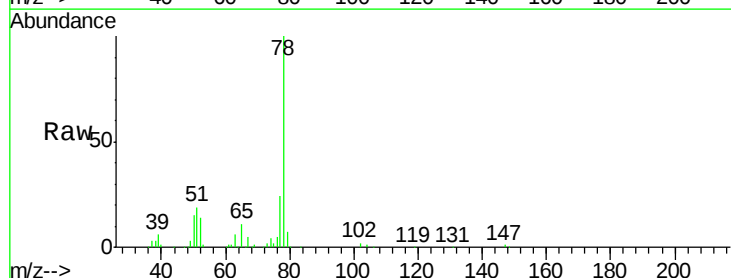
Manual Integrations
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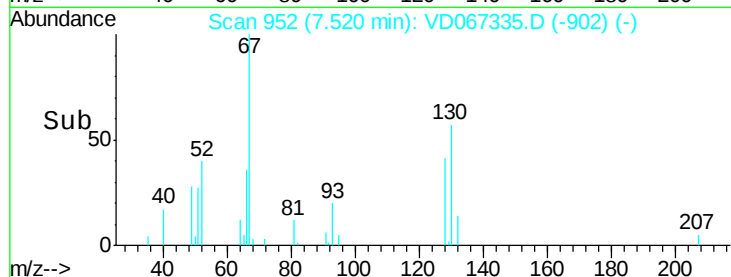
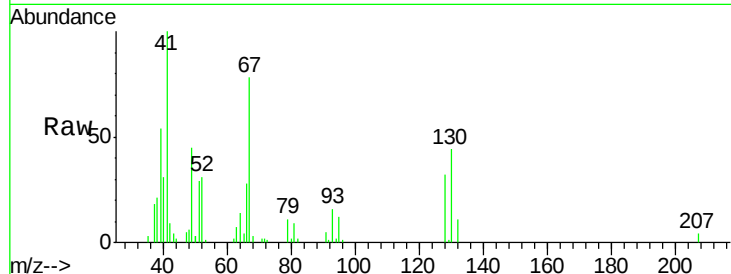
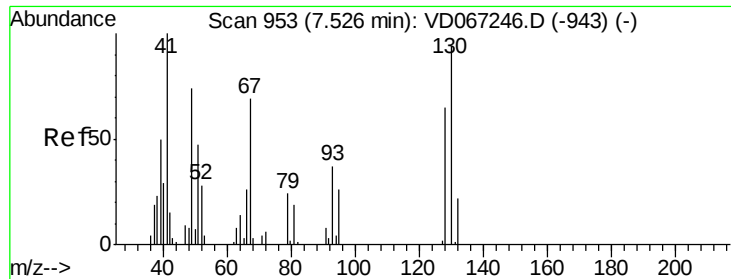
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#40
Benzene
Concen: 53.279 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

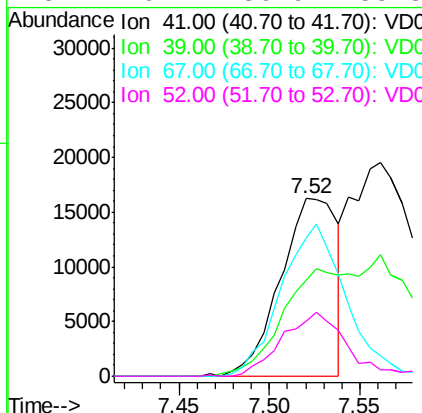
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	567892		
77	23.9		18.3	27.5





#41
Methacrylonitrile
Concen: 57.681 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

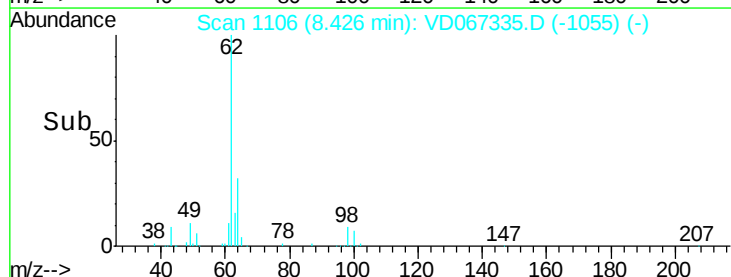
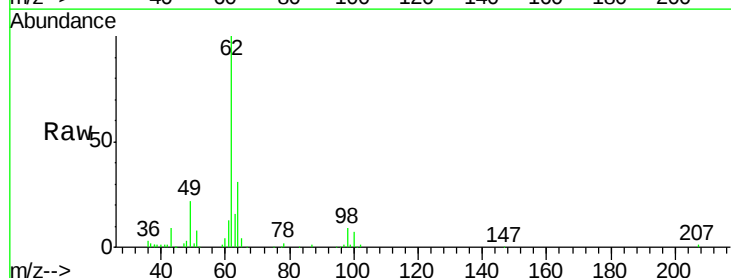
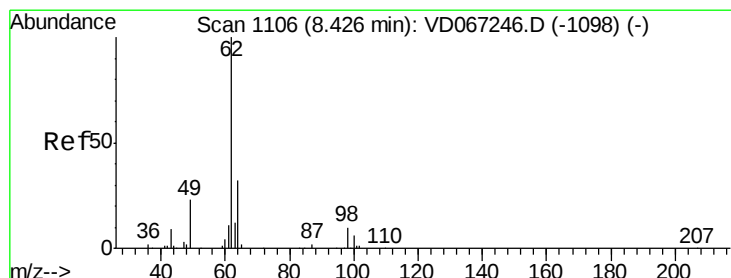
Tot Ion	Ratio	Lower	Upper
41	100		
39	60.0	60.0	90.0
67	96.8	88.9	133.3
52	40.2	36.9	55.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

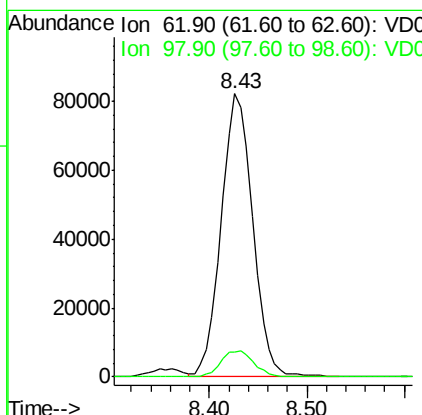
Manual Integrations
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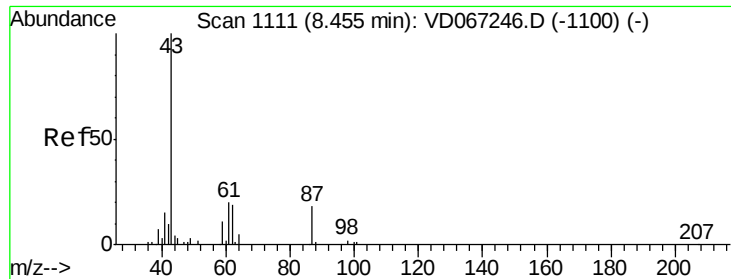
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#42
1,2-Dichloroethane
Concen: 55.353 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4





#43

Isopropyl Acetate

Concen: 56.437 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

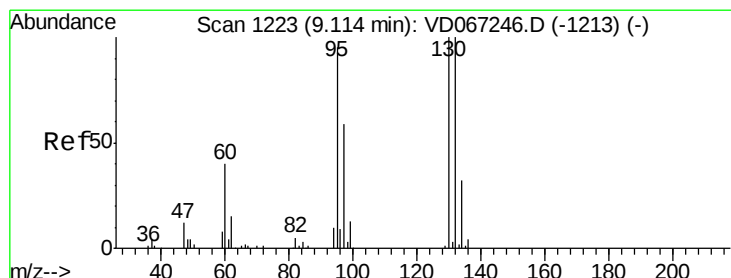
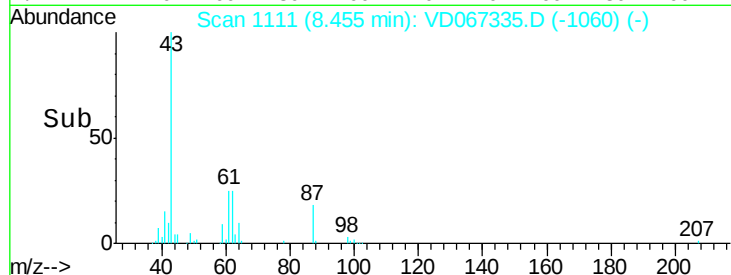
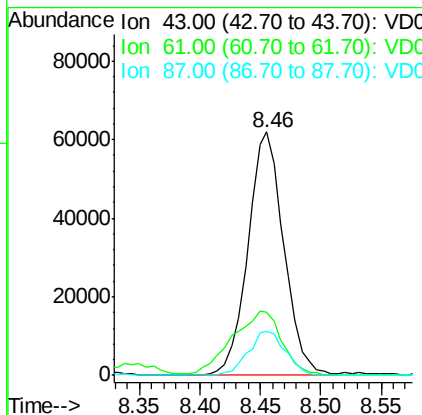
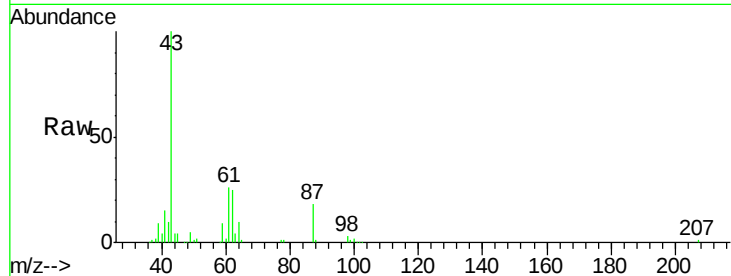
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	128013
Ion	Ratio	Lower	Upper
43	100		
61	36.5	29.5	44.3
87	18.8	14.2	21.4

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#44

Trichloroethene

Concen: 53.172 ug/l

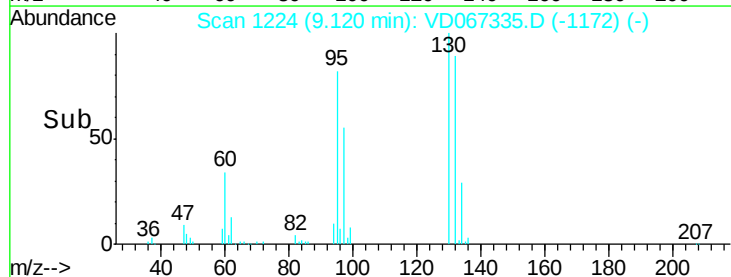
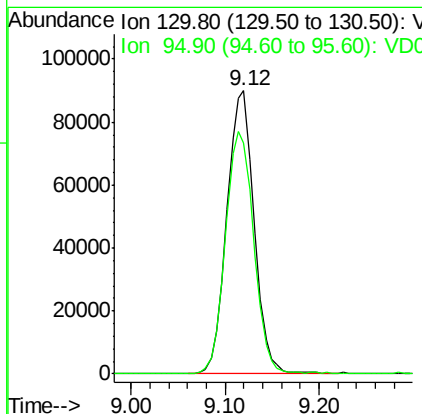
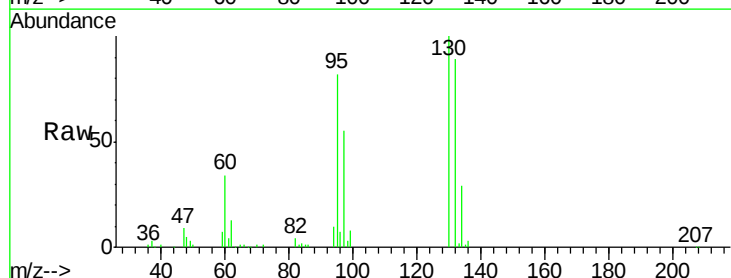
RT: 9.12 min Scan# 1224

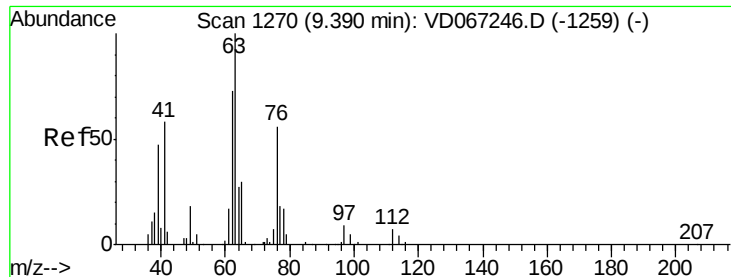
Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion:	130	Resp:	181458
Ion	Ratio	Lower	Upper
130	100		
95	81.5	0.0	190.6





#45

1,2-Dichloropropane

Concen: 53.643 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 132512

Ion Ratio Lower Upper

63 100

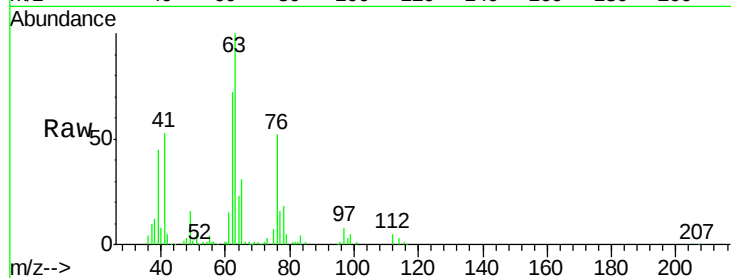
65 30.7 24.6 36.8

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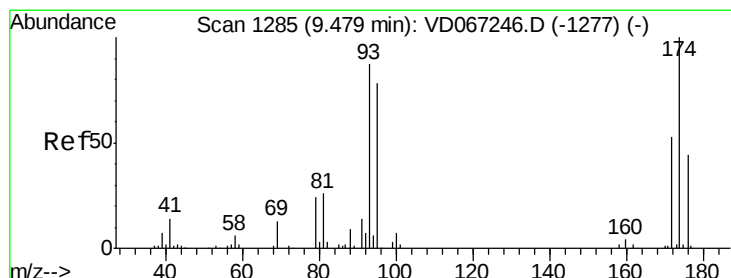
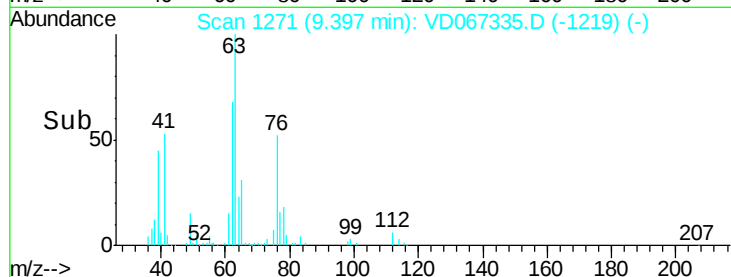
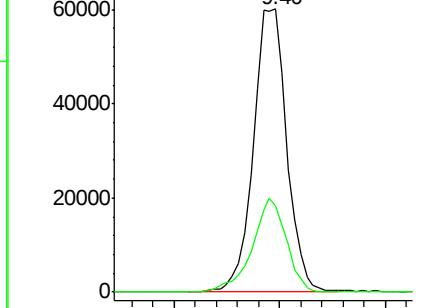
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 54.899 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

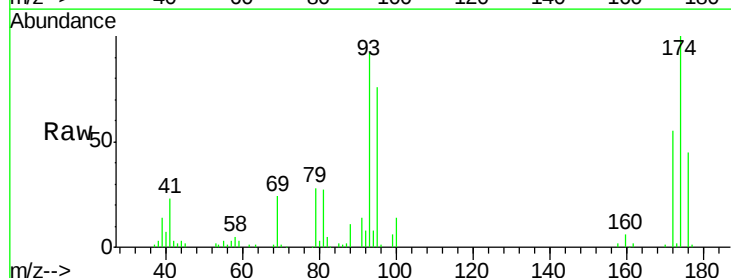
Tgt Ion: 93 Resp: 84495

Ion Ratio Lower Upper

93 100

95 82.7 68.0 102.0

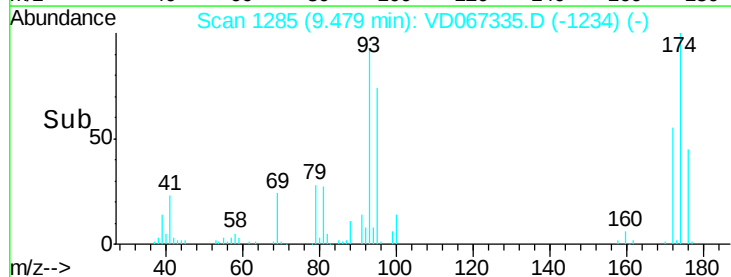
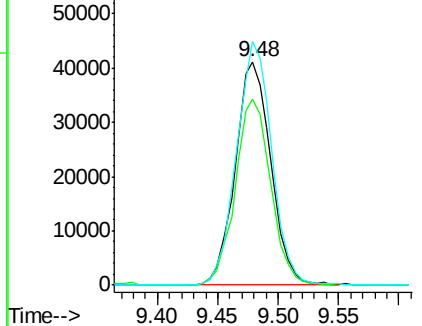
174 107.9 91.8 137.6

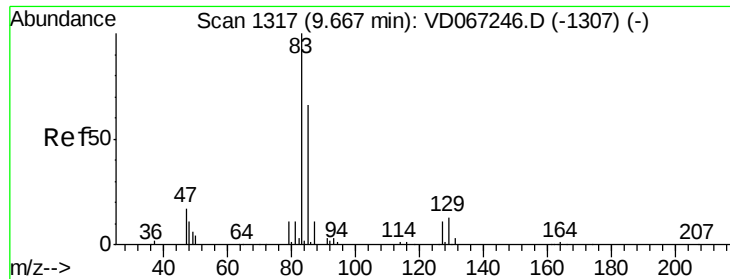


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





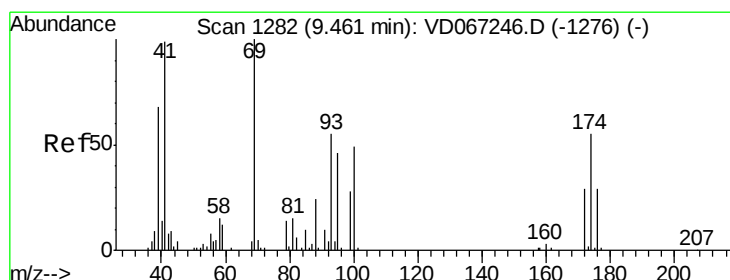
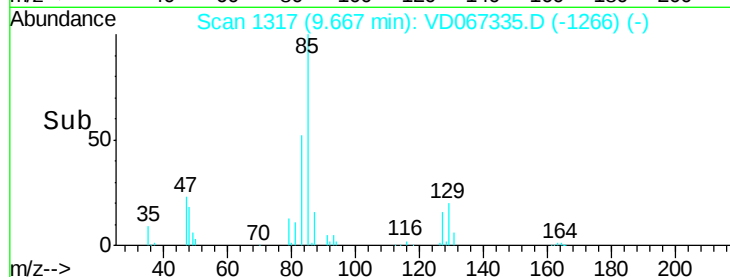
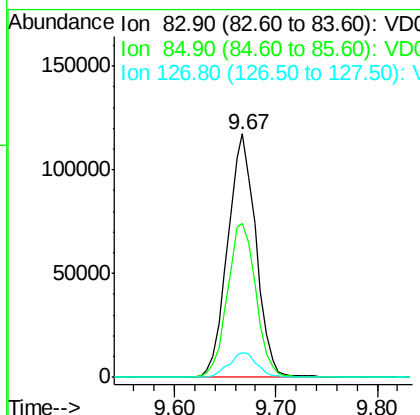
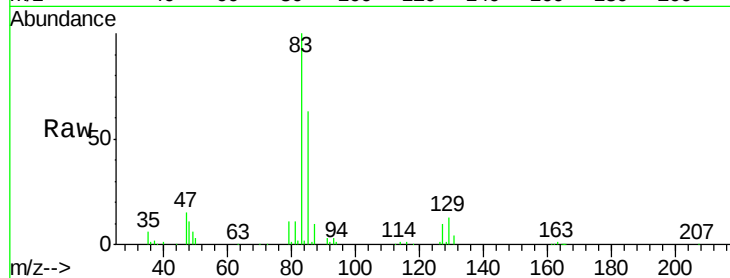
#47
Bromodichloromethane
Concen: 55.025 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	226898		
85	63.1		53.1	79.7
127	10.0		8.6	13.0

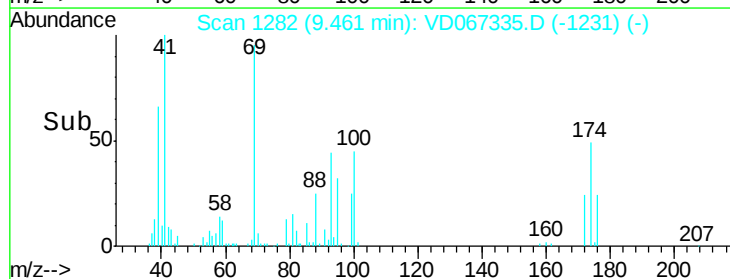
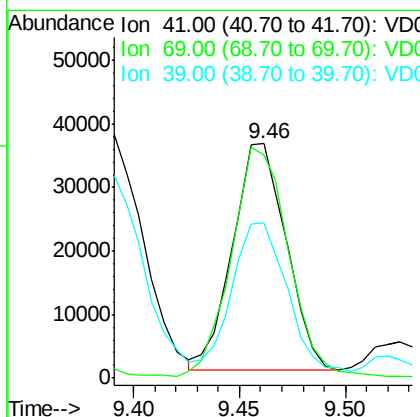
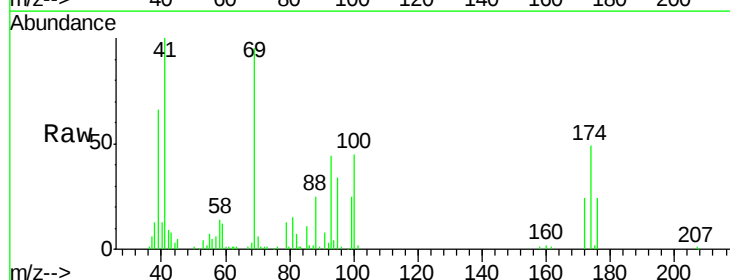
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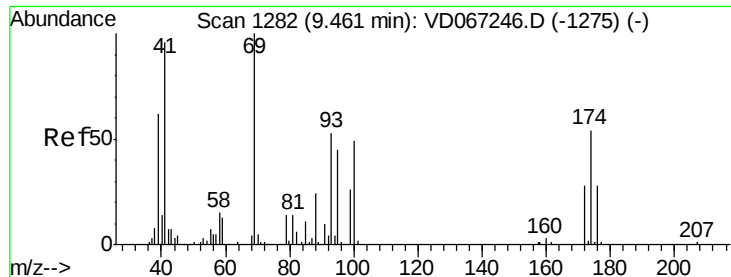
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#48
Methyl methacrylate
Concen: 57.075 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	62913		
69	110.5		89.0	133.6
39	74.2		60.2	90.2





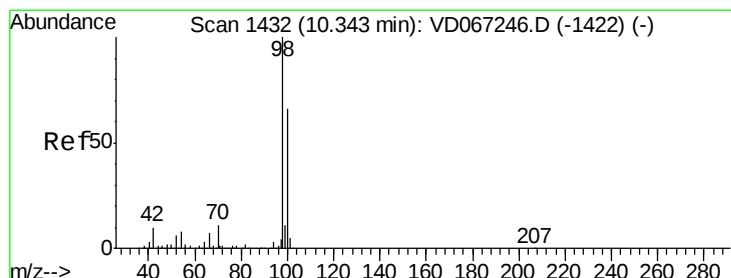
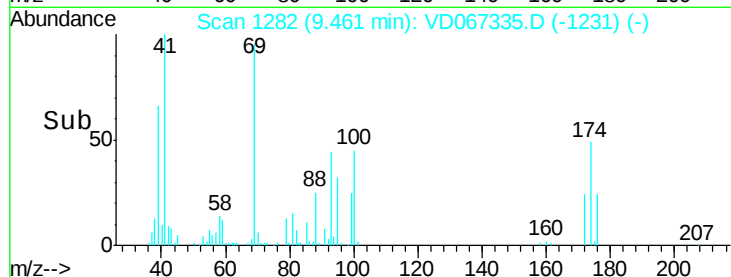
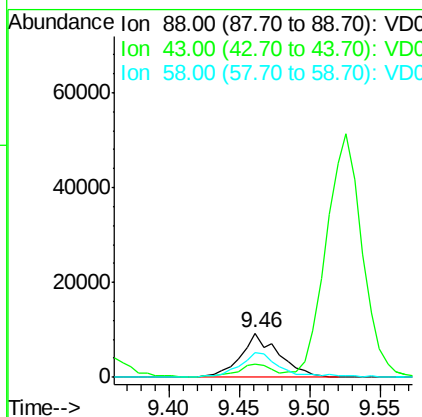
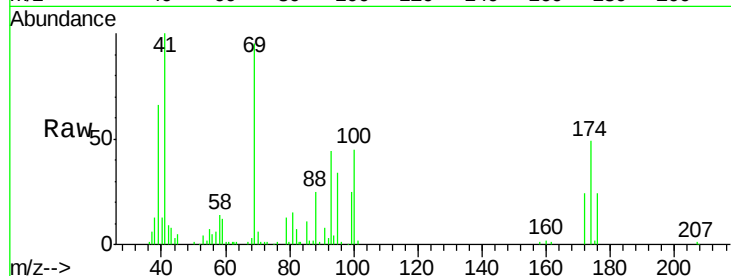
#49
1,4-Dioxane
Concen: 1193.306 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.9	35.9
58	55.2	51.0	76.6

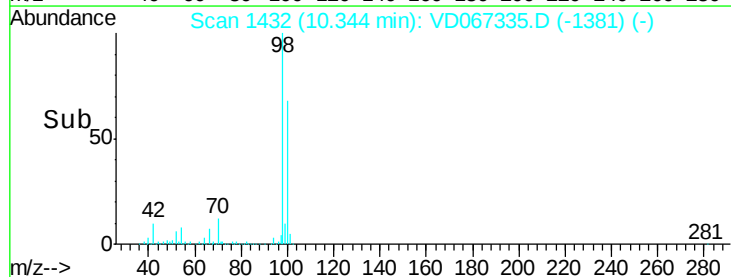
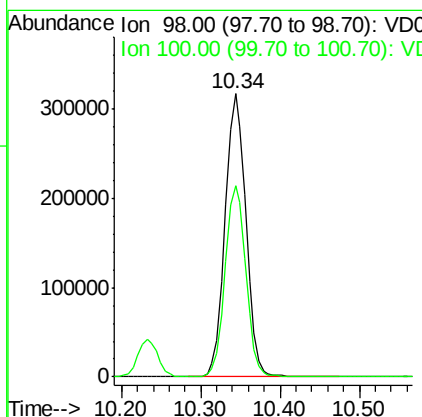
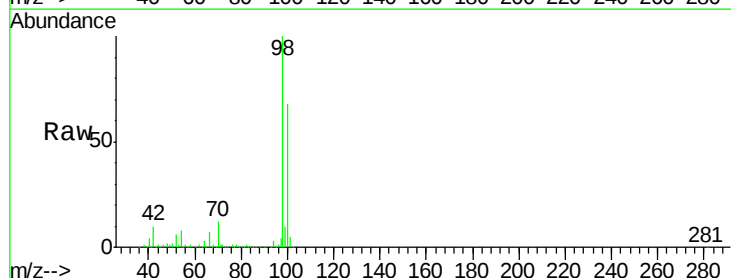
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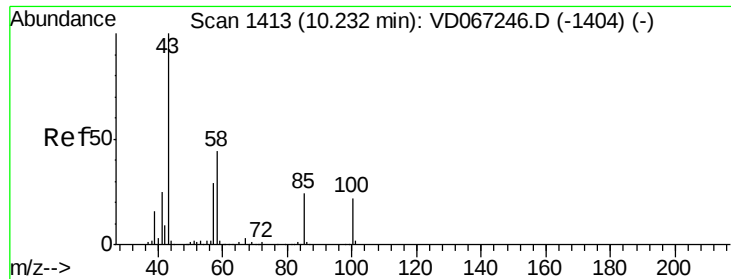
MMDadoda
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#50
Toluene-d8
Concen: 52.340 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 293.448 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 331985

Ion Ratio Lower Upper

43 100

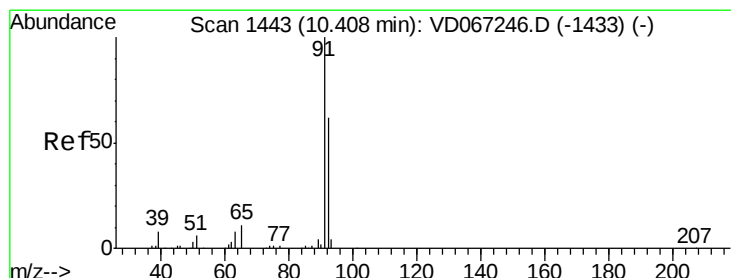
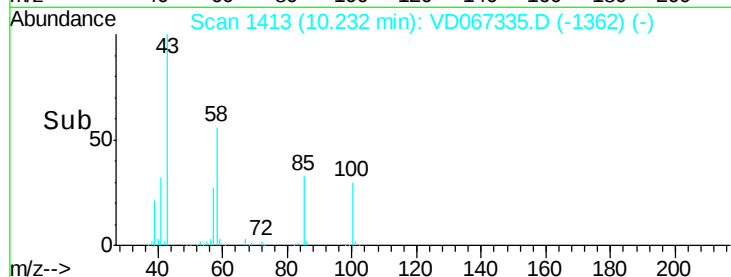
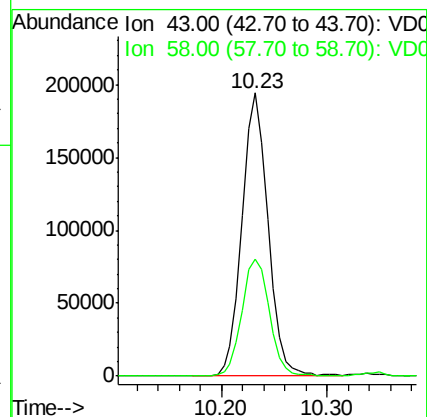
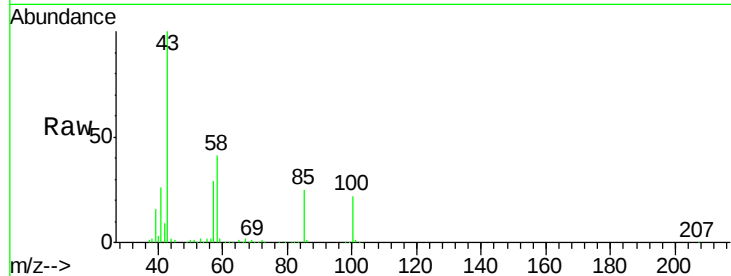
58 43.8 35.7 53.5

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#52

Toluene

Concen: 53.826 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067335.D

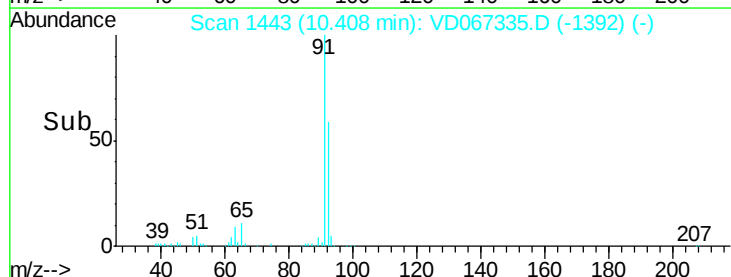
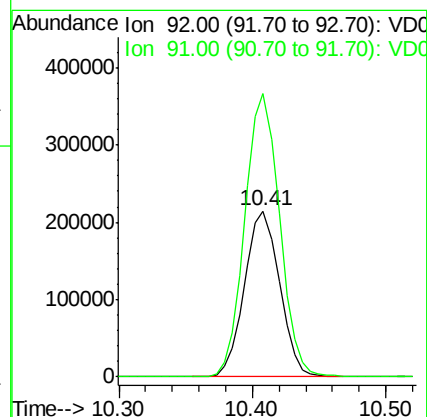
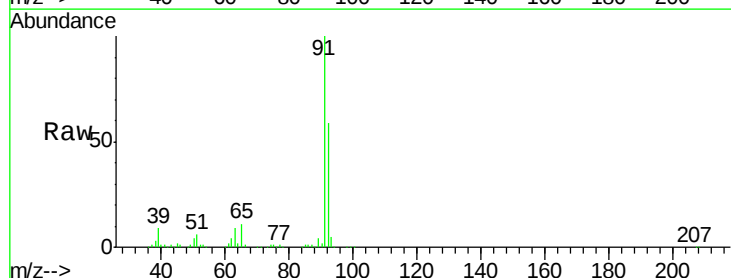
Acq: 20 Oct 2020 20:19

Tgt Ion: 92 Resp: 390761

Ion Ratio Lower Upper

92 100

91 169.4 133.8 200.8





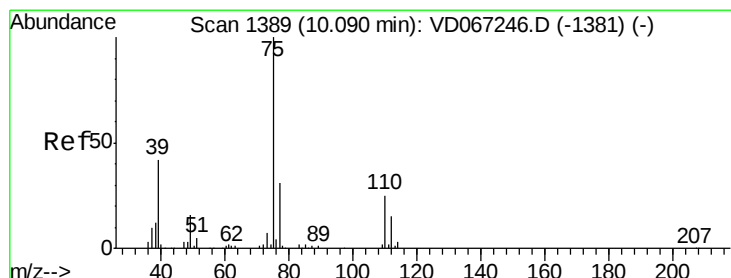
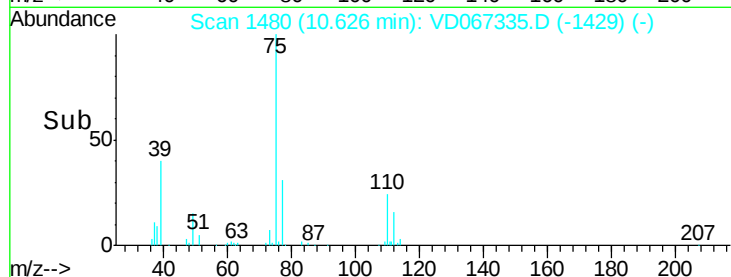
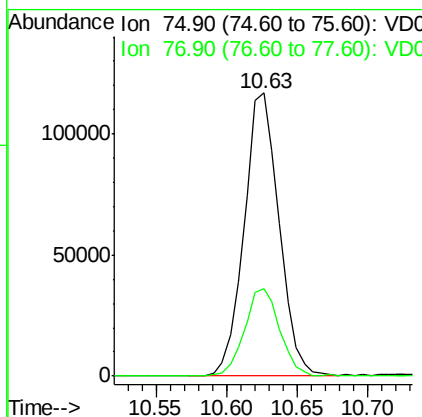
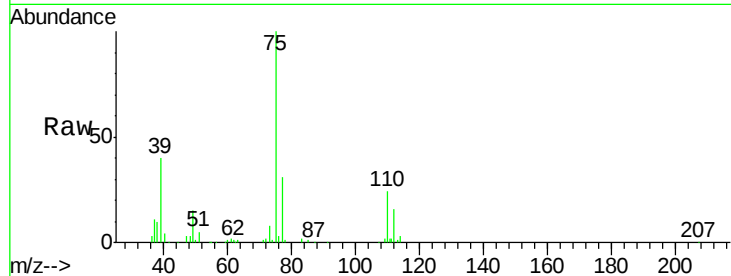
#53
t-1,3-Dichloropropene
Concen: 56.096 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.5	39.7

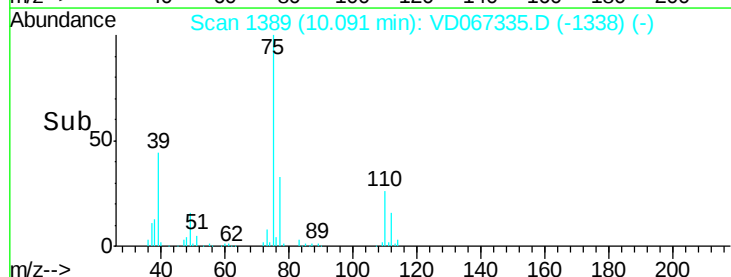
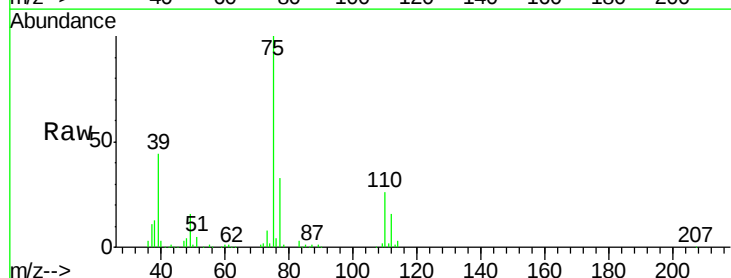
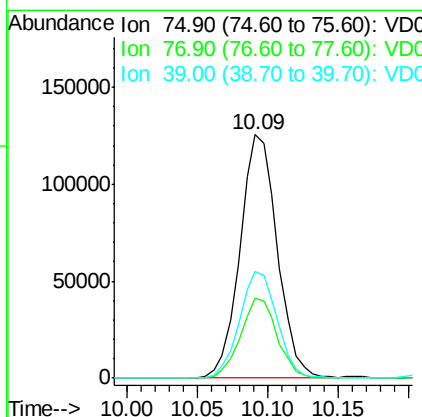
Manual Integrations
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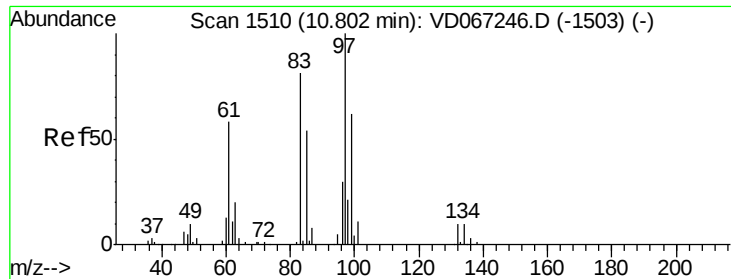
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.769 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.5	36.7
39	43.8	33.7	50.5





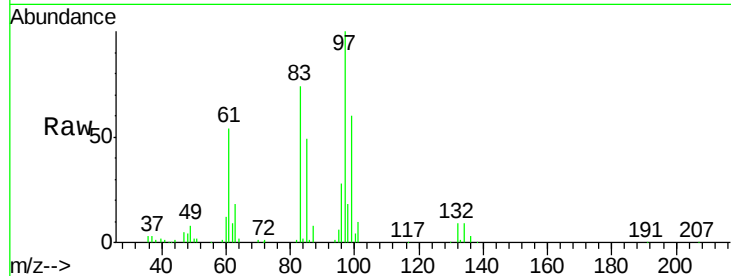
#55
 1,1,2-Trichloroethane
 Concen: 57.303 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		120265		
83	73.8	64.9	97.3		
85	49.0	43.3	64.9		
99	60.2	49.1	73.7		

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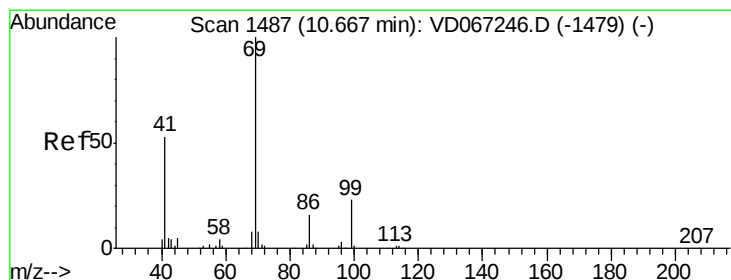
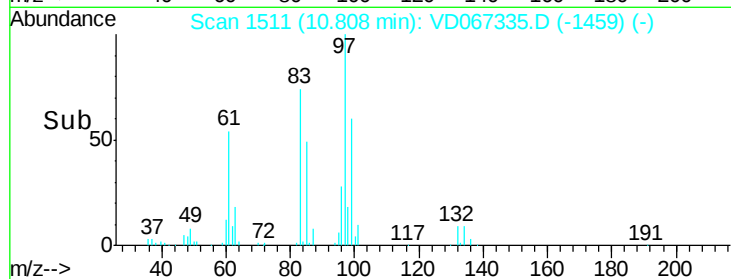
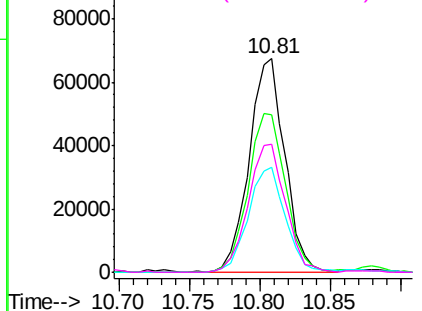
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

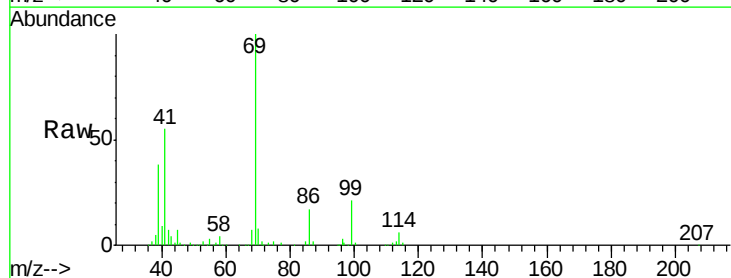
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 59.780 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		130119		
41	54.5	44.7	67.1		
39	31.5	26.2	39.2		

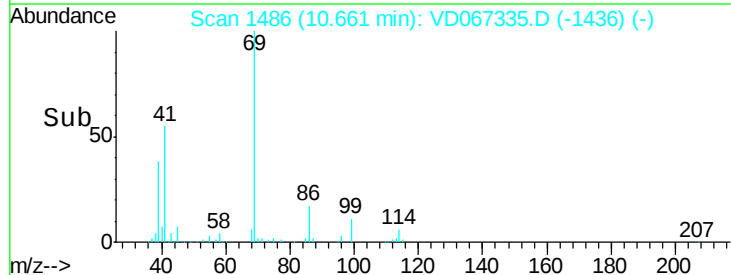
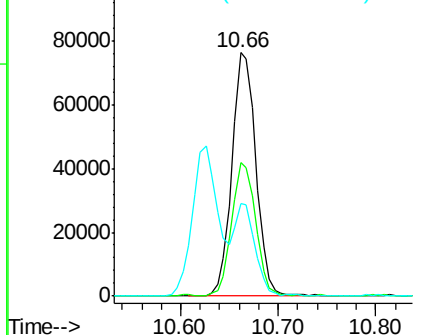


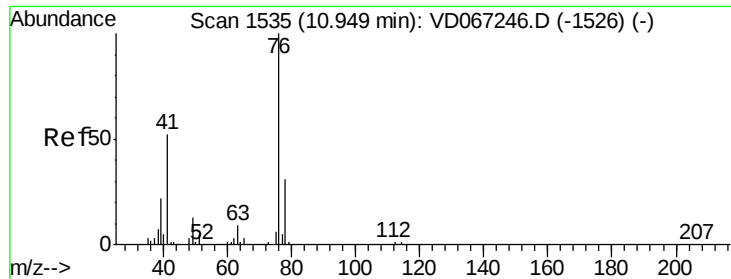
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 55.645 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 185856

Ion Ratio Lower Upper

76 100

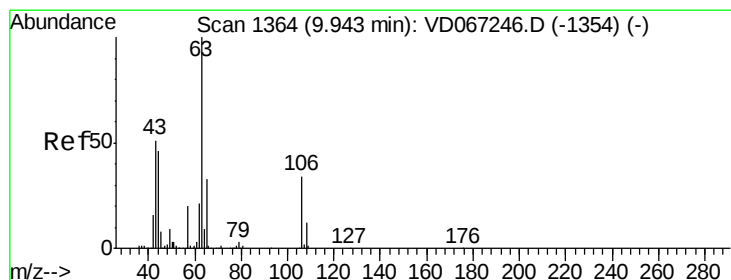
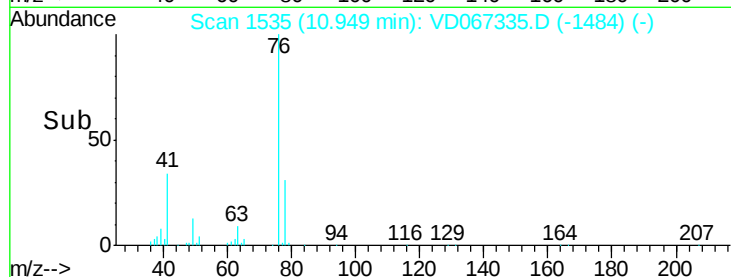
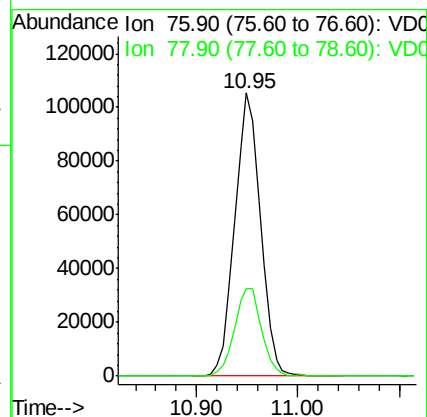
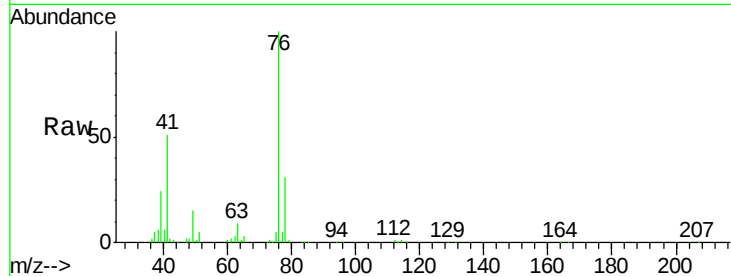
78 32.4 26.8 40.2

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#58

2-Chloroethyl Vinyl ether

Concen: 291.788 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067335.D

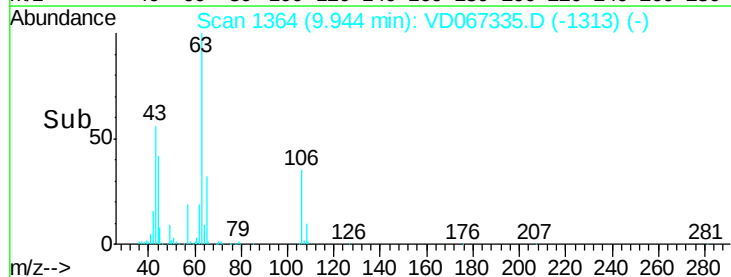
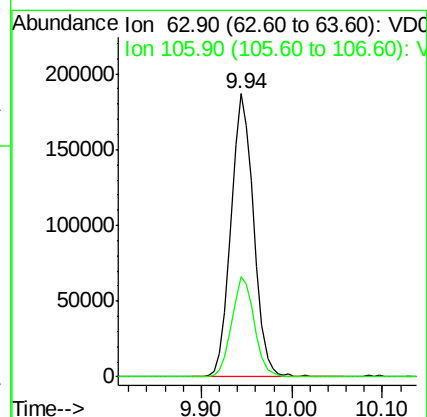
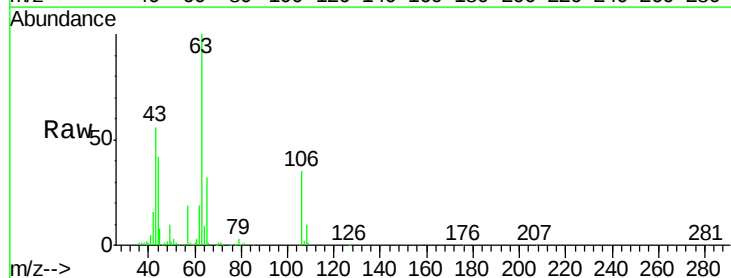
Acq: 20 Oct 2020 20:19

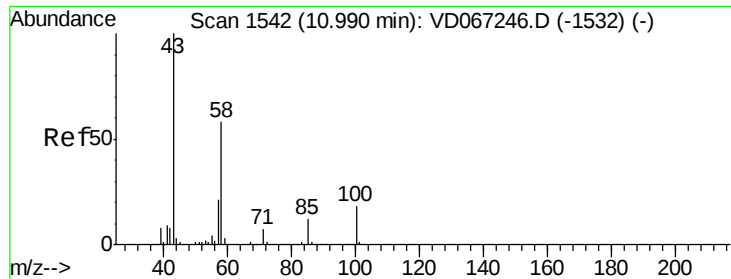
Tgt Ion: 63 Resp: 325815

Ion Ratio Lower Upper

63 100

106 35.2 27.8 41.6





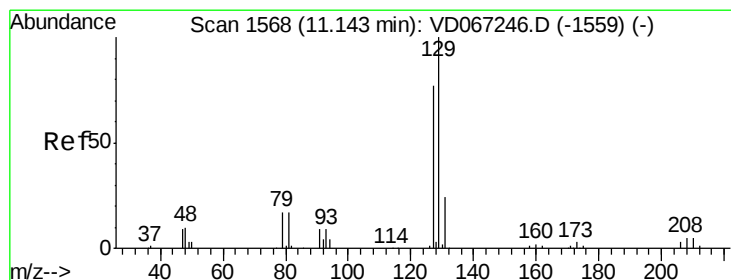
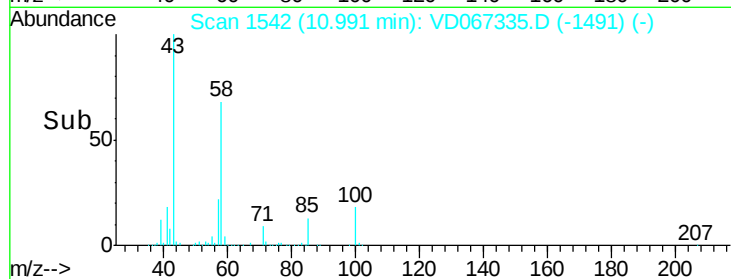
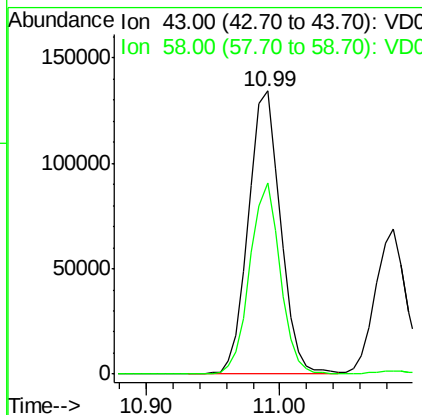
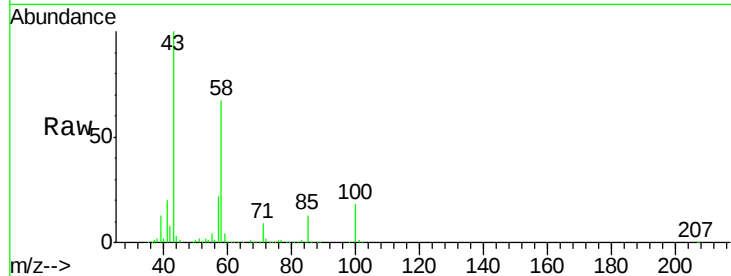
#59
2-Hexanone
Concen: 288.875 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 223320
Ion Ratio Lower Upper
43 100
58 63.9 29.3 87.9

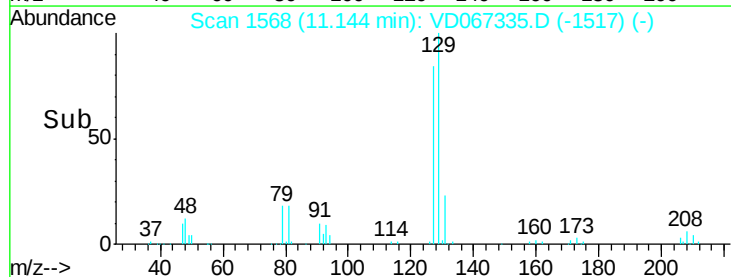
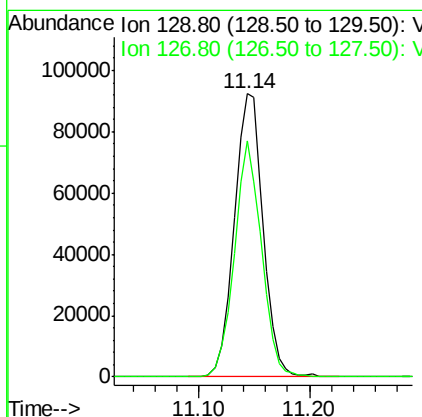
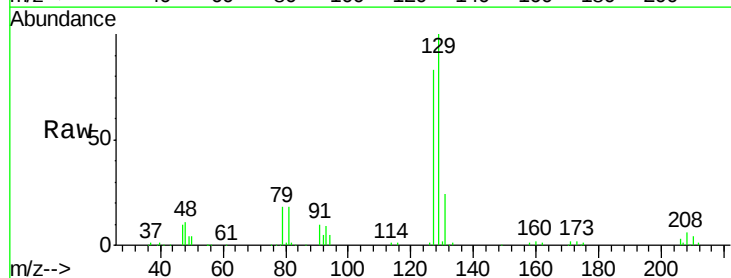
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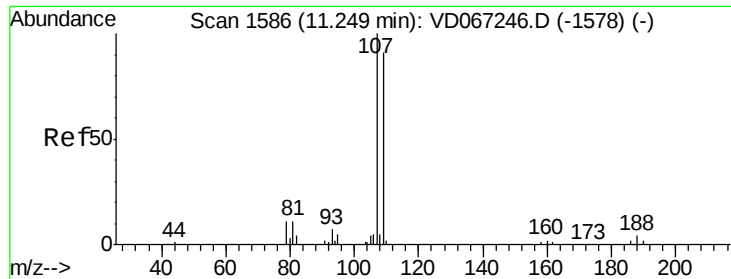
MMDadoda
10/21/2020 2:52:04 PM



#60
Dibromochloromethane
Concen: 55.286 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion: 129 Resp: 169217
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 55.589 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 115018

Ion Ratio Lower Upper

107 100

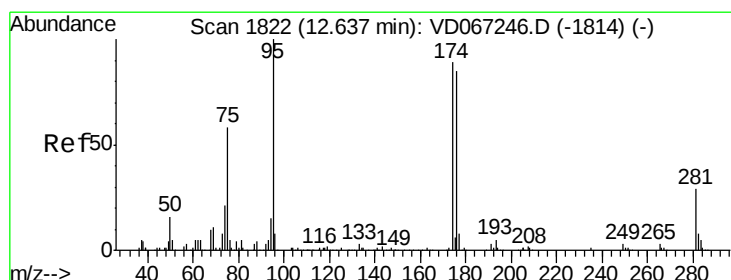
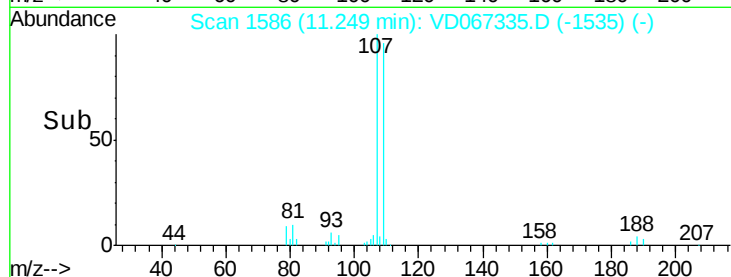
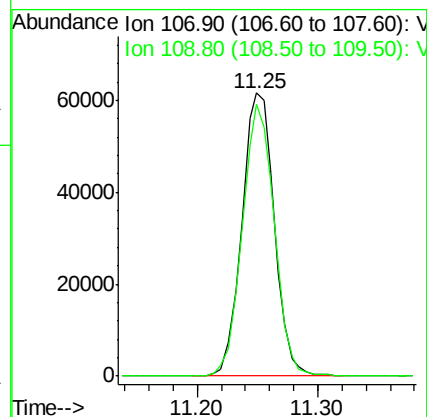
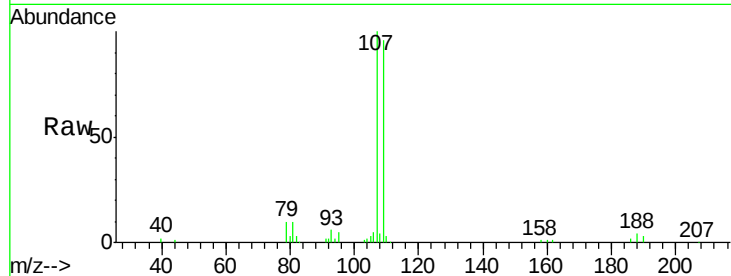
109 94.7 74.6 112.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.421 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

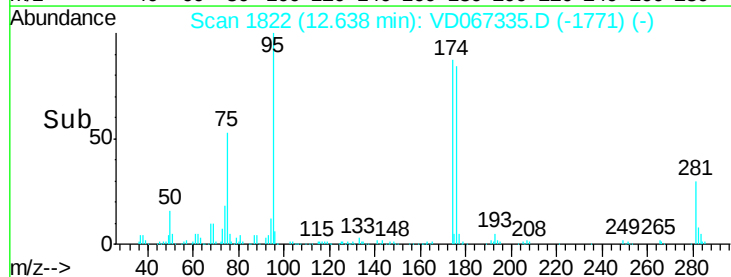
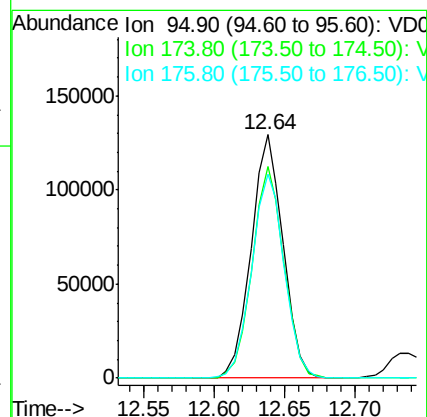
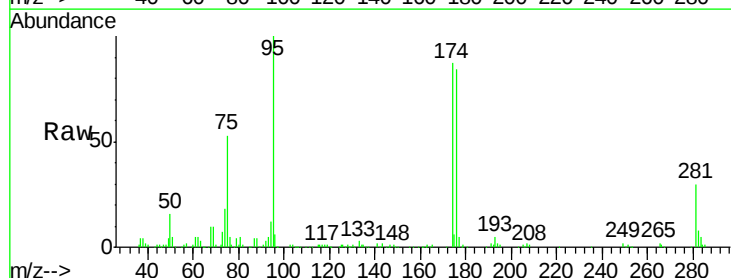
Tgt Ion: 95 Resp: 205076

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.2

176 85.3 0.0 168.6





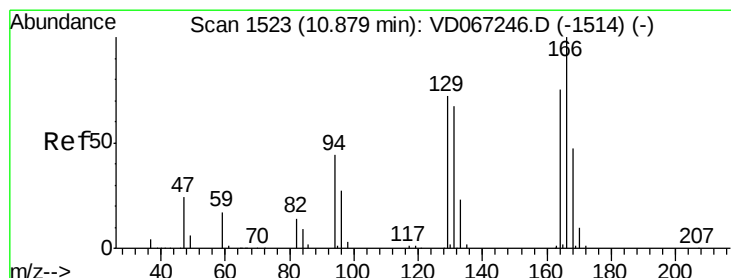
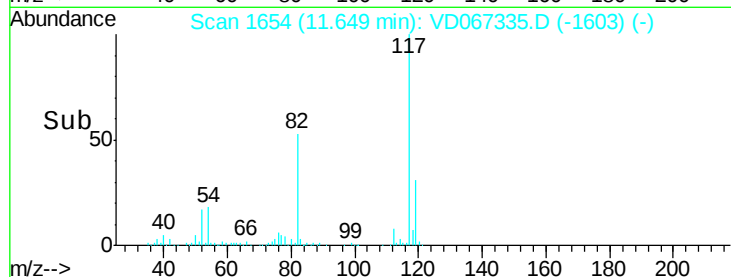
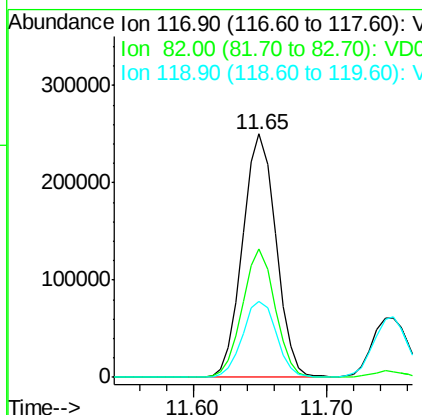
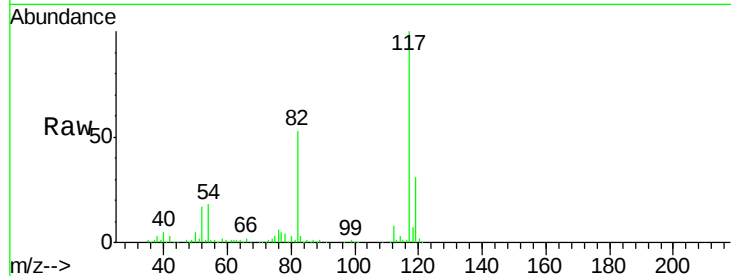
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	39.9	59.9
119	31.3	24.9	37.3

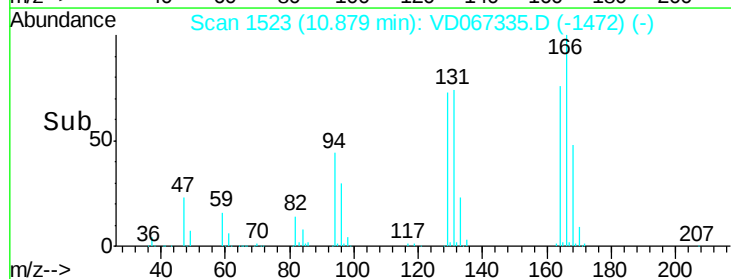
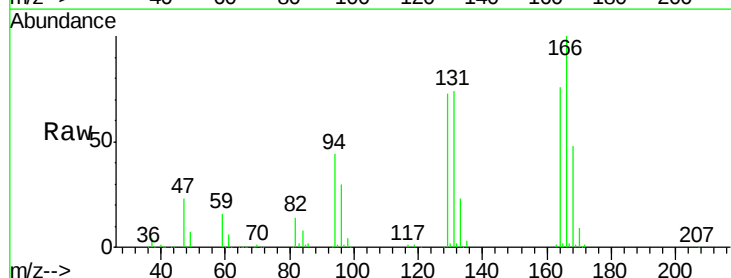
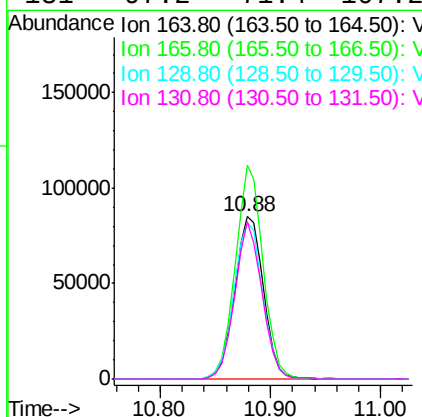
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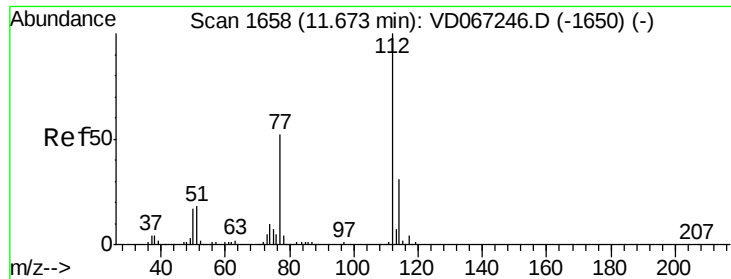
MMDadoda
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#64
Tetrachloroethene
Concen: 49.697 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	107.3	160.9
129	96.5	77.3	115.9
131	97.2	71.4	107.2





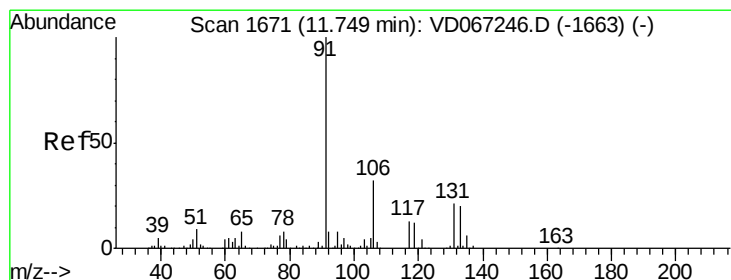
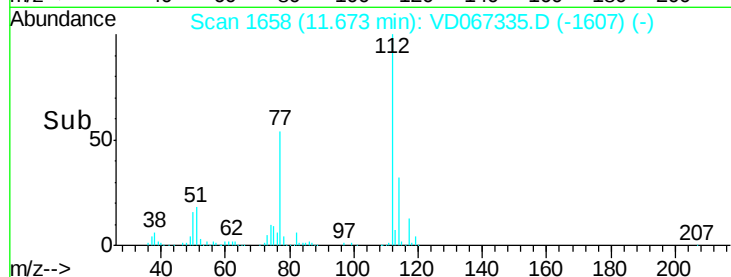
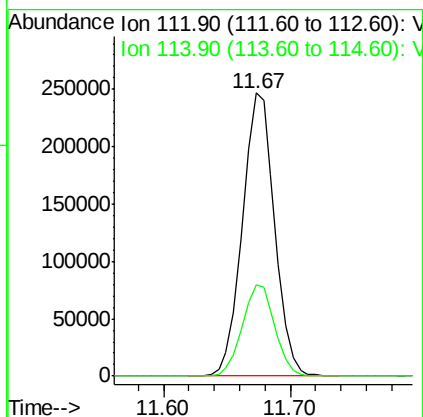
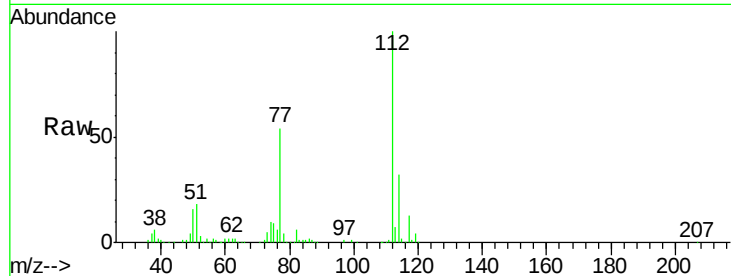
#65
Chlorobenzene
Concen: 52.305 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.4

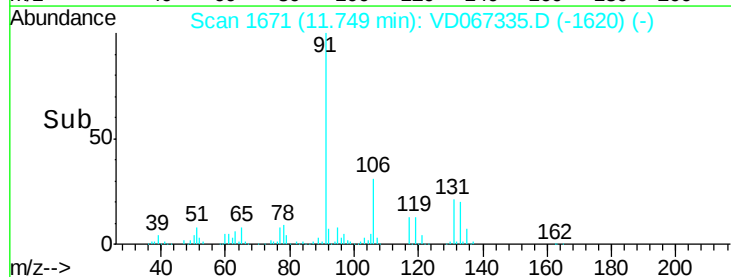
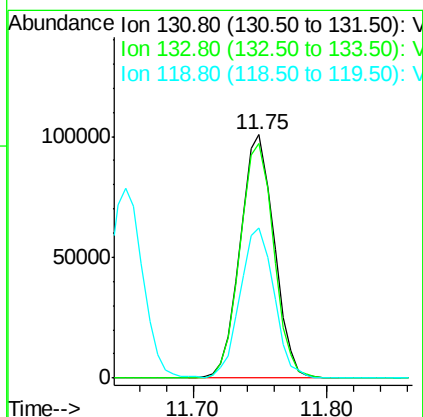
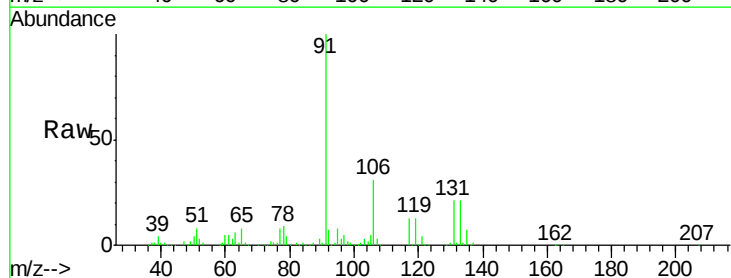
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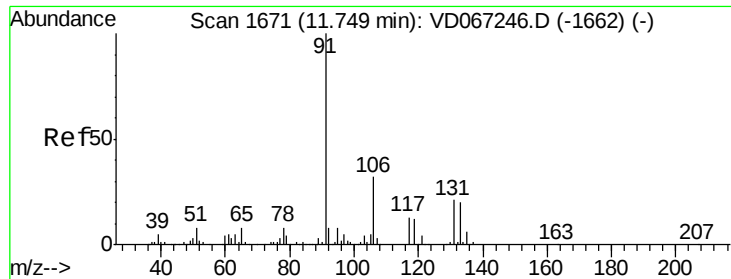
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.747 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.1	144.3
119	61.9	30.0	90.0





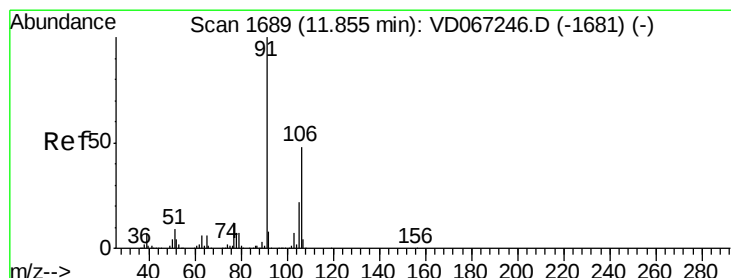
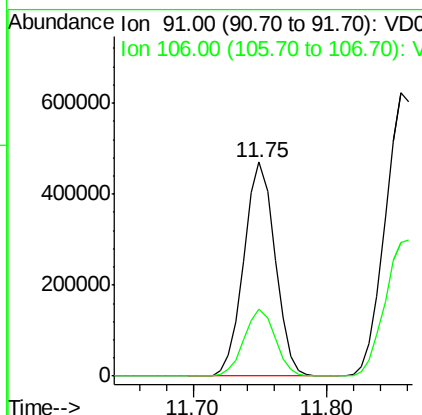
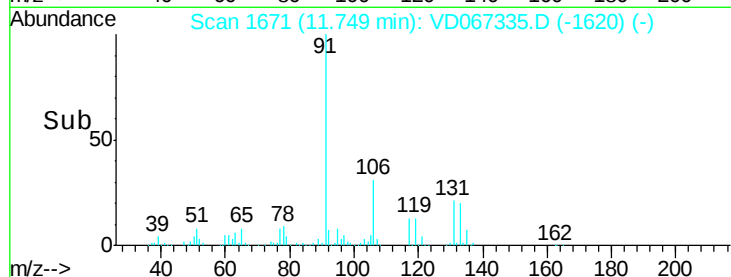
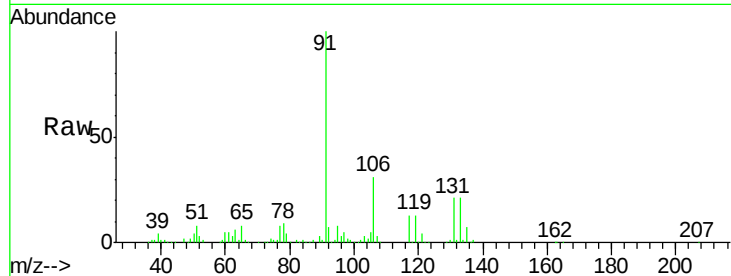
#67
Ethyl Benzene
Concen: 53.380 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 760161
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

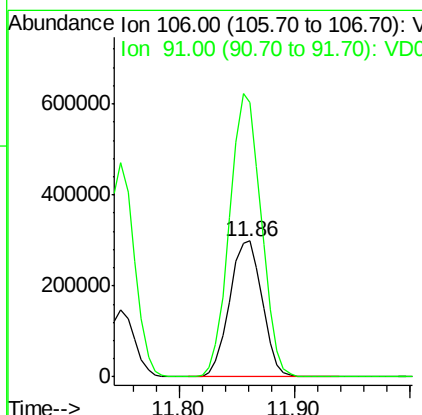
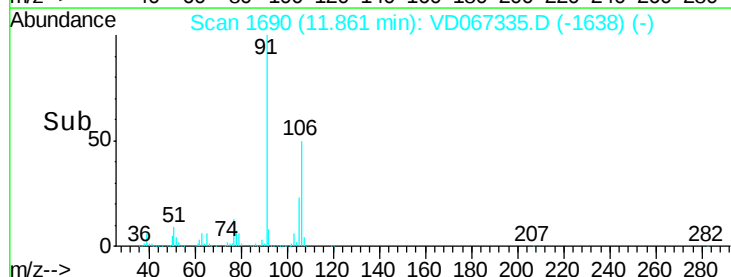
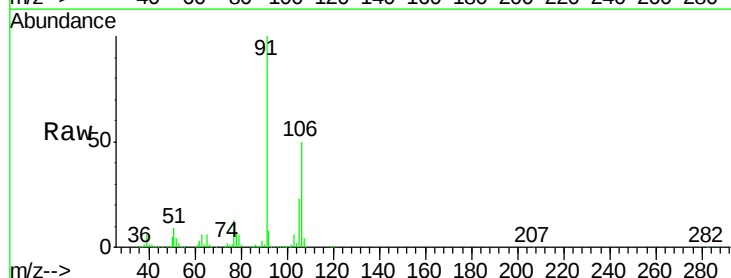
Manual Integrations
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#68
m/p-Xylenes
Concen: 106.661 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion: 106 Resp: 584912
Ion Ratio Lower Upper
106 100
91 202.5 163.8 245.8





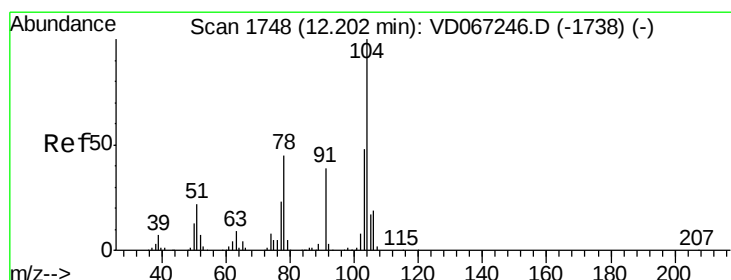
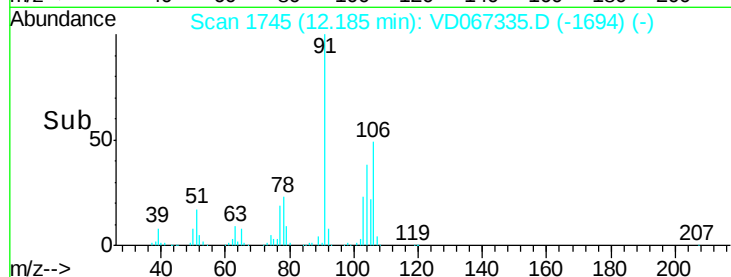
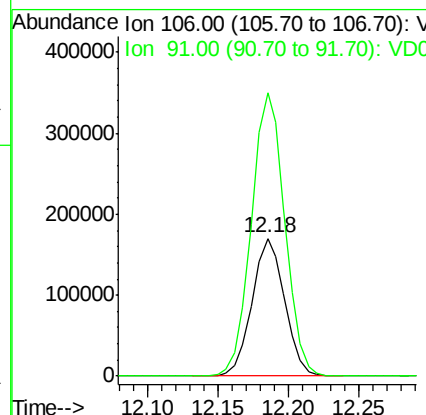
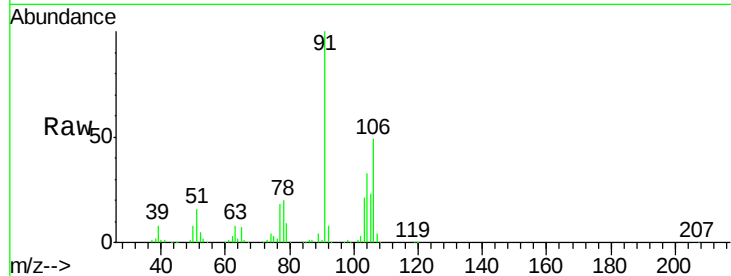
#69
o-Xylene
Concen: 54.260 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		275540		
91	210.8	109.1	327.3		

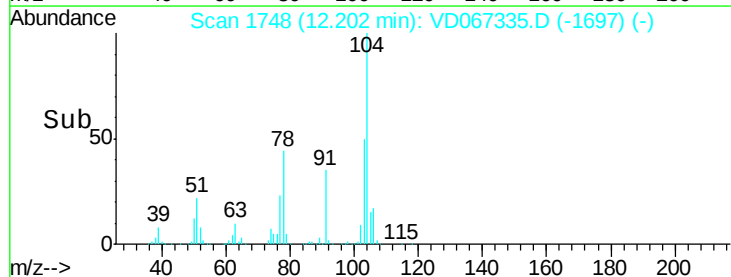
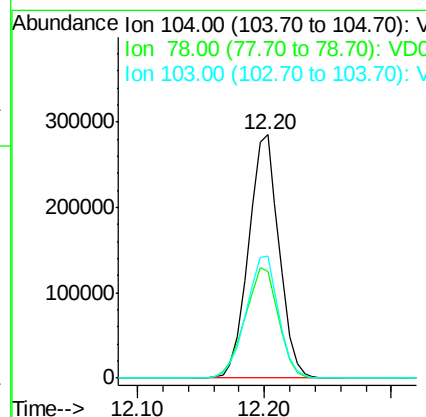
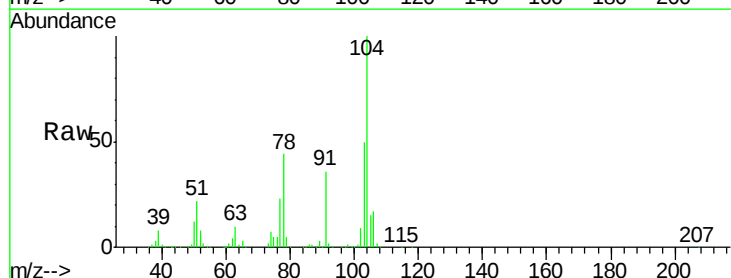
Manual Integrations
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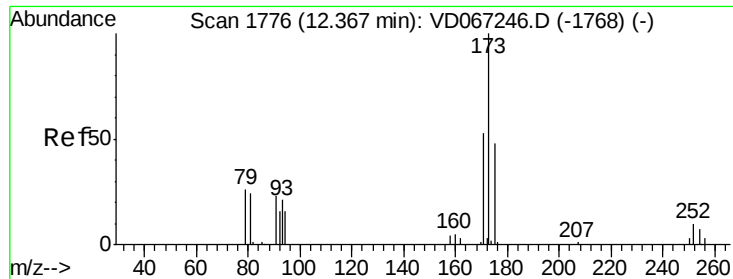
MMDadoda
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#70
Styrene
Concen: 54.493 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		476354		
78	49.9	39.8	59.6		
103	53.6	42.6	64.0		





#71

Bromoform

Concen: 56.260 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

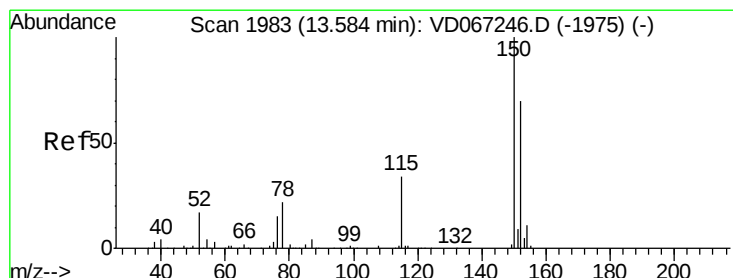
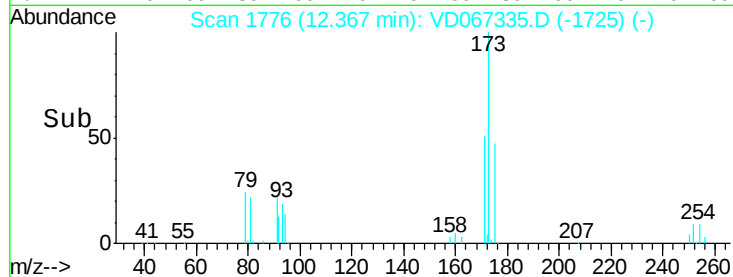
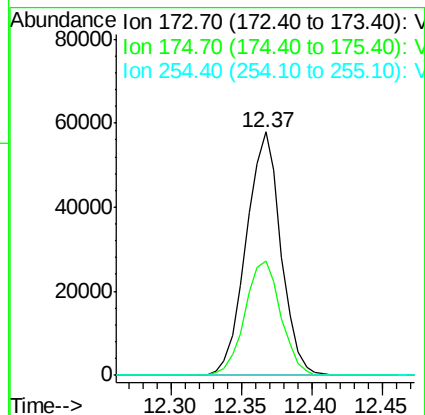
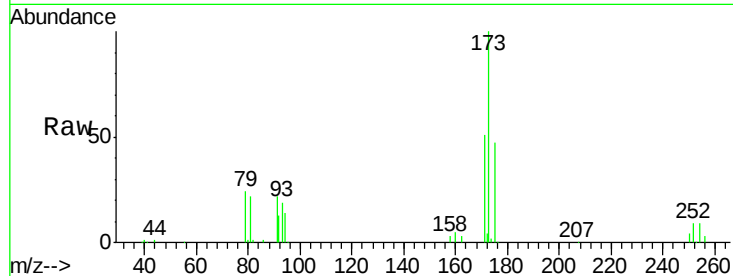
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

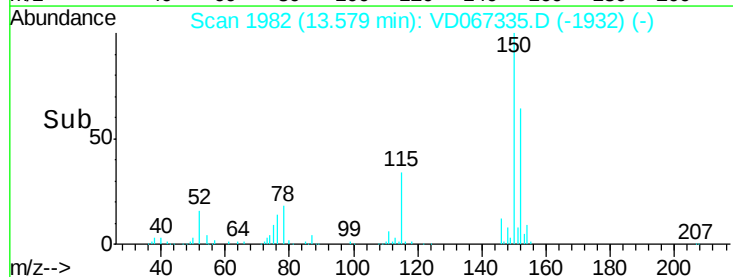
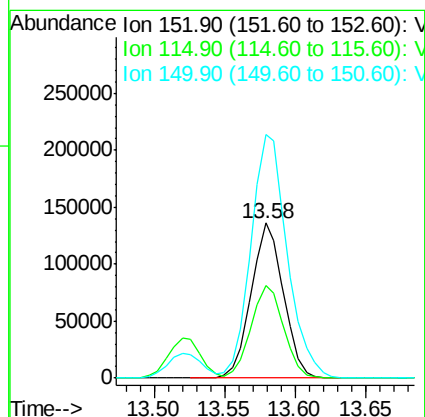
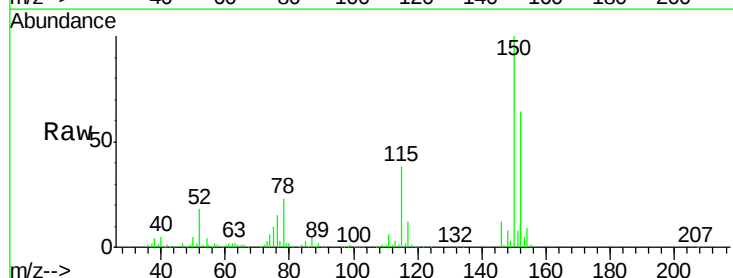
RT: 13.58 min Scan# 1982

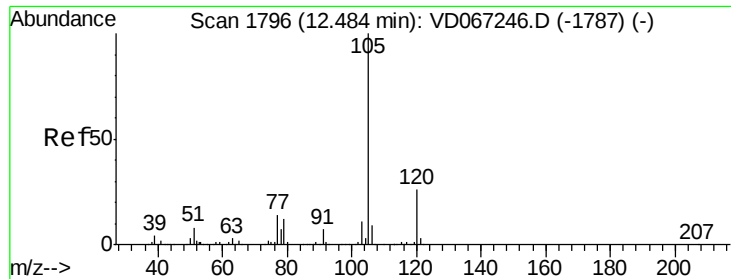
Delta R.T. -0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.3	87.9
150	177.2	0.0	339.0





#73

Isopropylbenzene

Concen: 53.469 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 740326

Ion Ratio Lower Upper

105 100

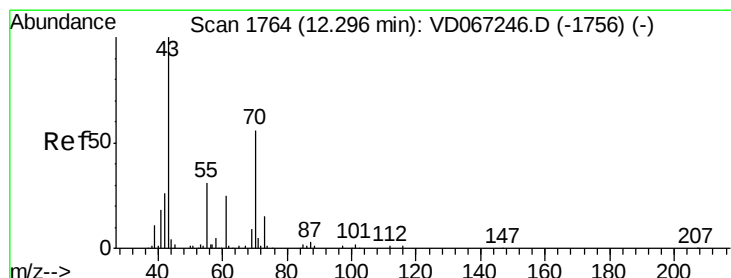
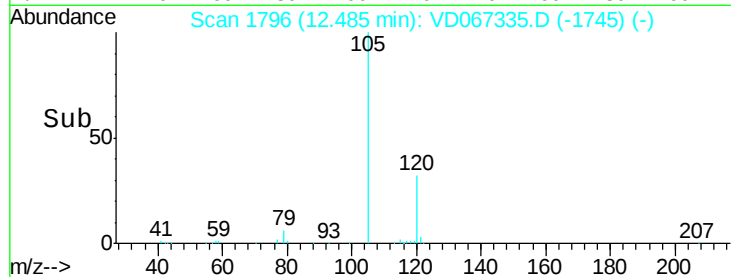
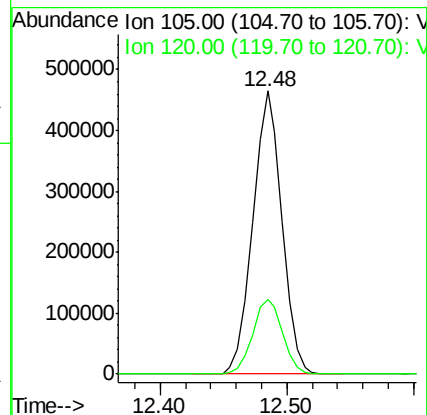
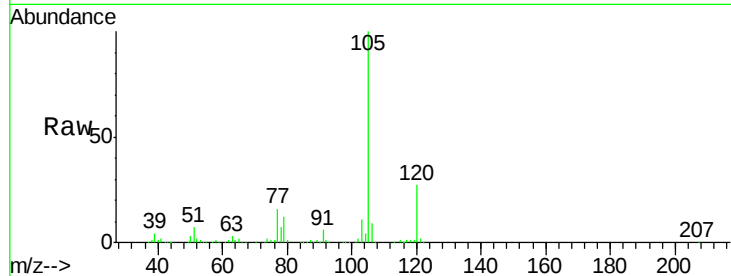
120 27.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 56.844 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion: 43 Resp: 118871

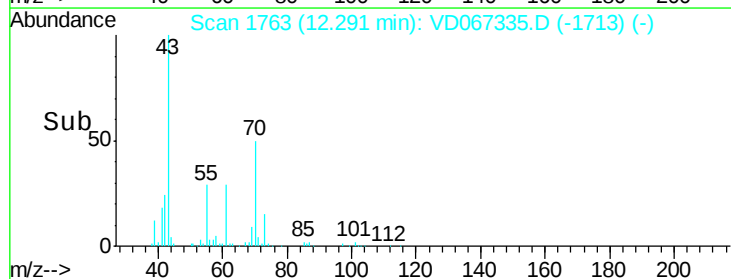
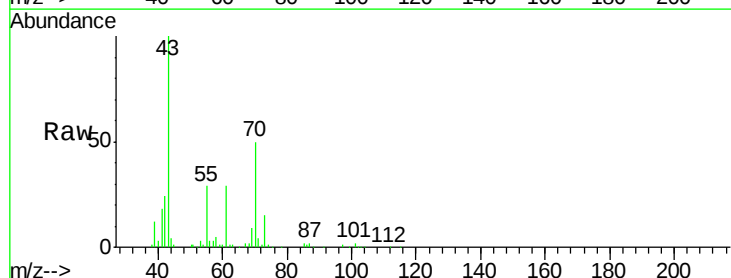
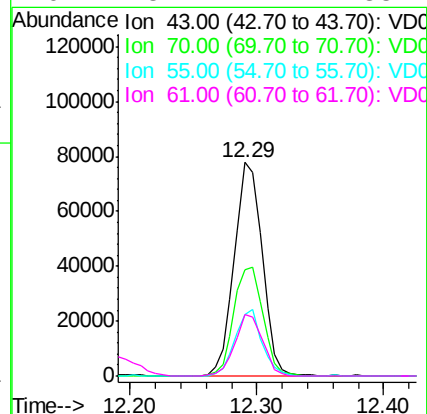
Ion Ratio Lower Upper

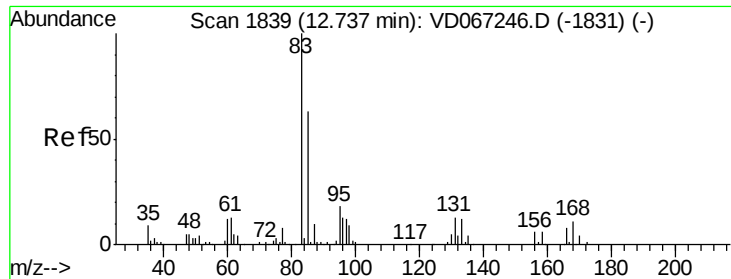
43 100

70 52.9 42.7 64.1

55 29.7 24.0 36.0

61 28.2 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.965 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 116608

Ion Ratio Lower Upper

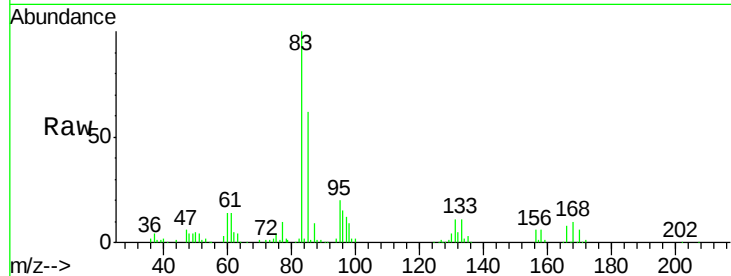
83 100

131 12.7 6.5 19.5

85 66.9 32.6 97.7

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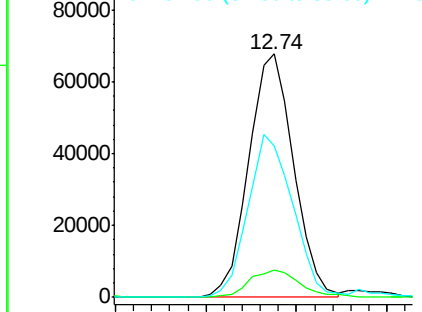
MMDadoda
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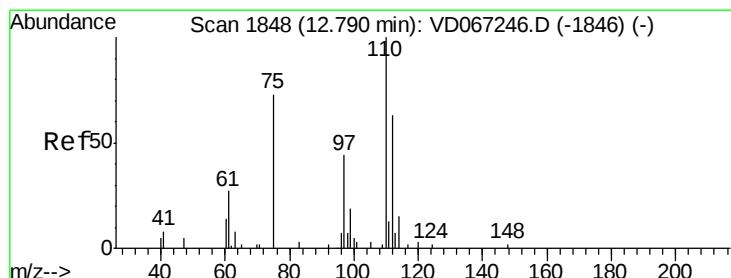
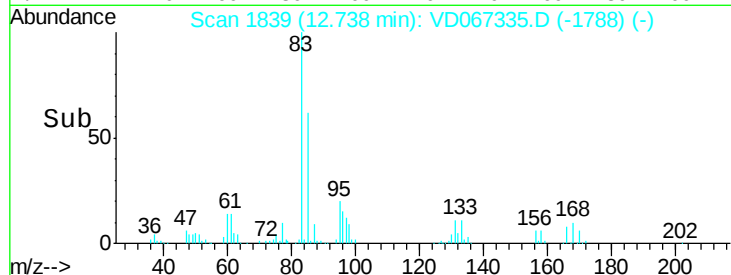
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time--> 12.65 12.70 12.75



#76

1,2,3-Trichloropropane

Concen: 57.310 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067335.D

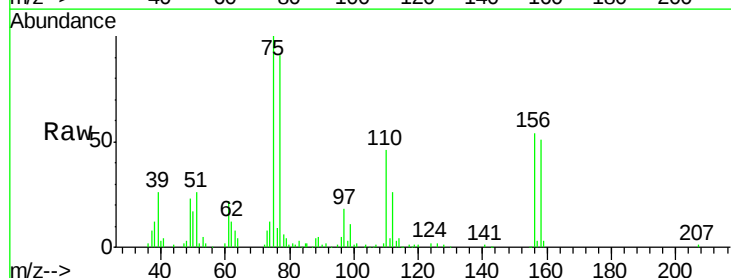
Acq: 20 Oct 2020 20:19

Tgt Ion: 75 Resp: 86655

Ion Ratio Lower Upper

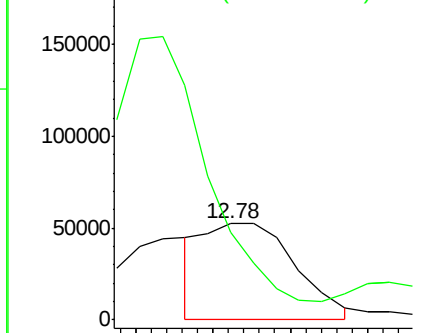
75 100

77 339.5 0.0 0.0#

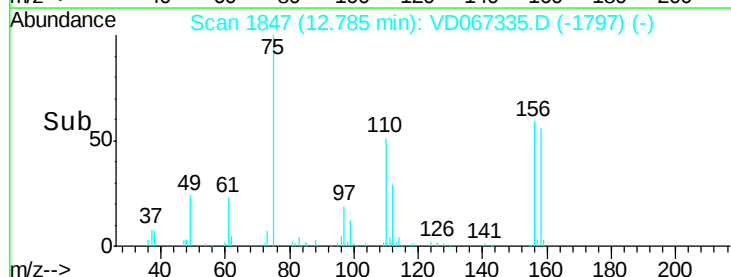


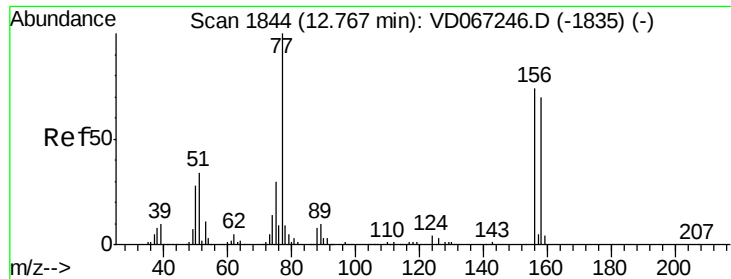
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.76 12.78 12.80 12.82





#77

Bromobenzene

Concen: 55.385 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

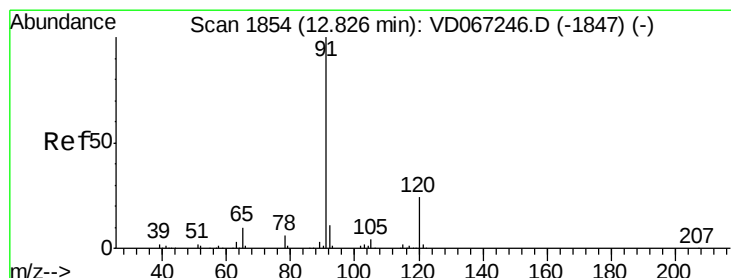
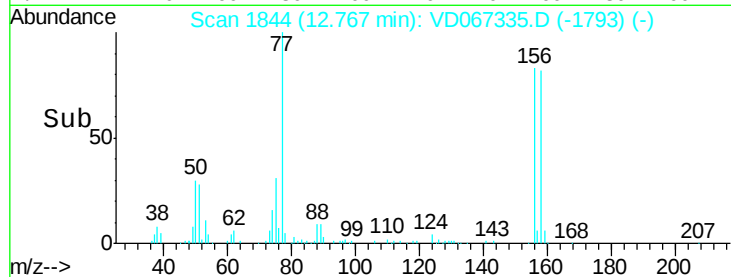
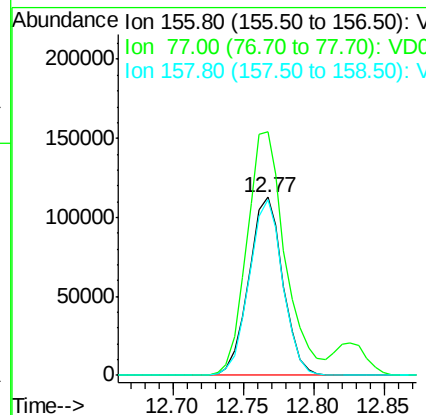
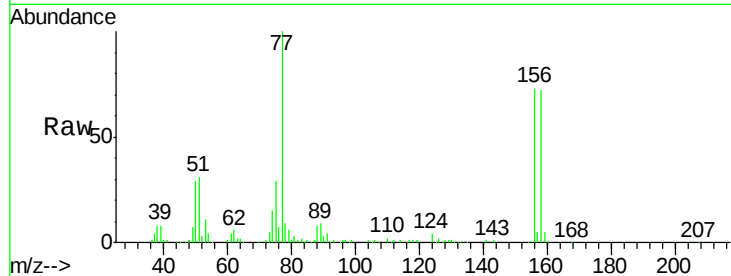
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	191183
Ion Ratio	Lower	Upper	
156	100		
77	153.9	78.0	233.8
158	97.1	49.1	147.3

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#78

n-propylbenzene

Concen: 53.730 ug/l

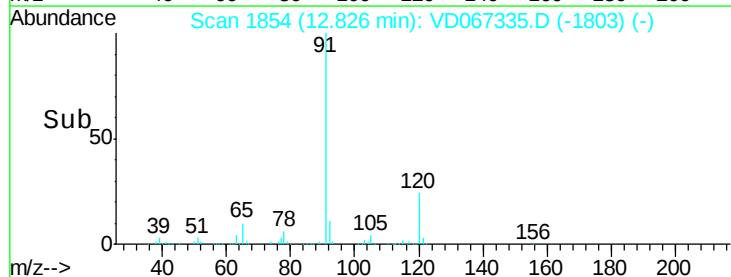
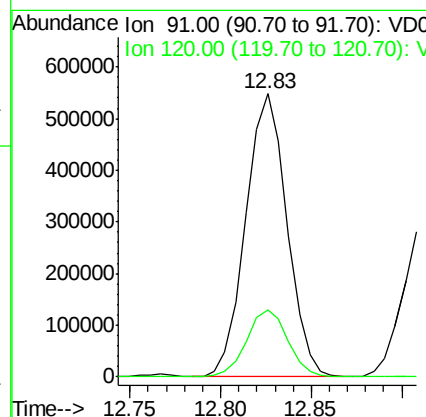
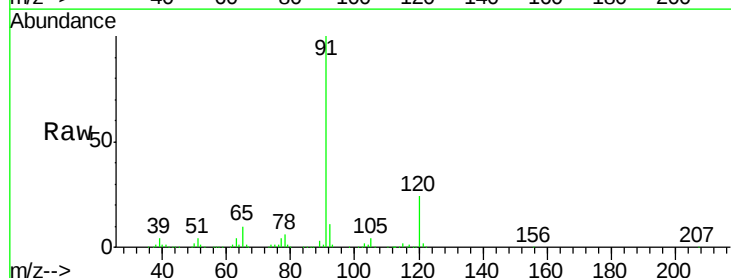
RT: 12.83 min Scan# 1854

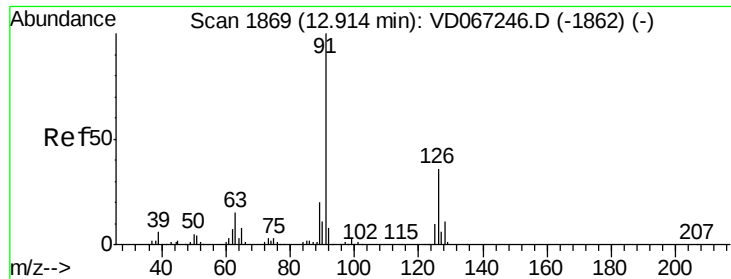
Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Tgt Ion:	91	Resp:	861939
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





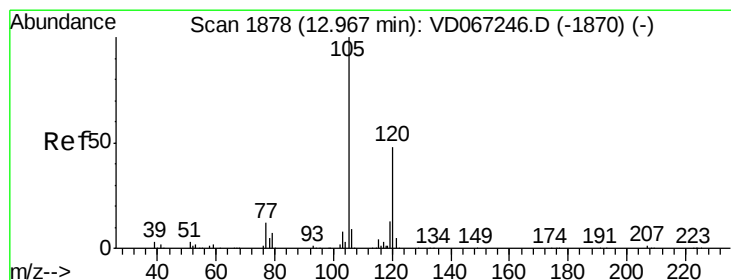
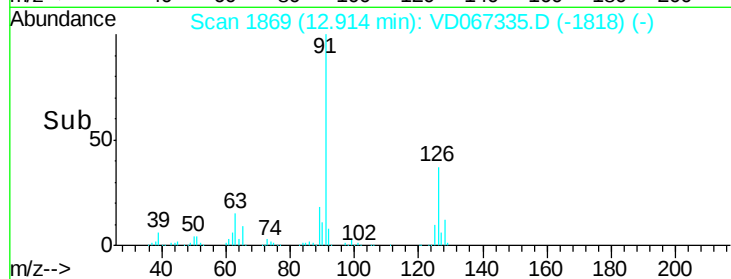
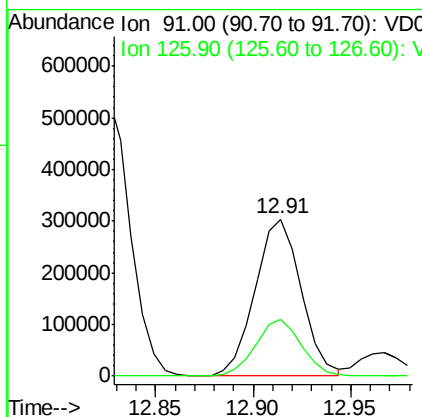
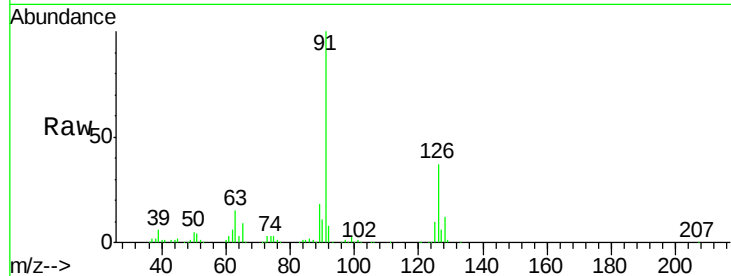
#79
 2-Chlorotoluene
 Concen: 53.324 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 496083
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.6 52.8

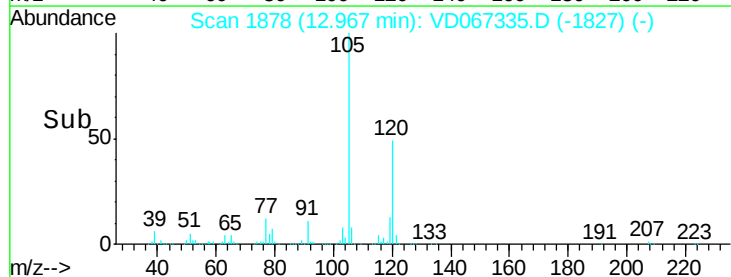
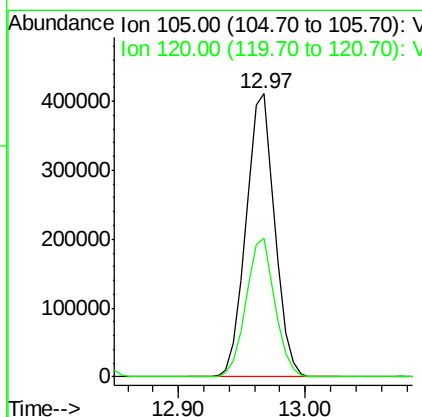
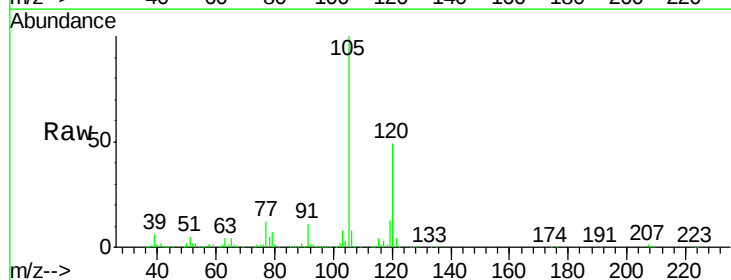
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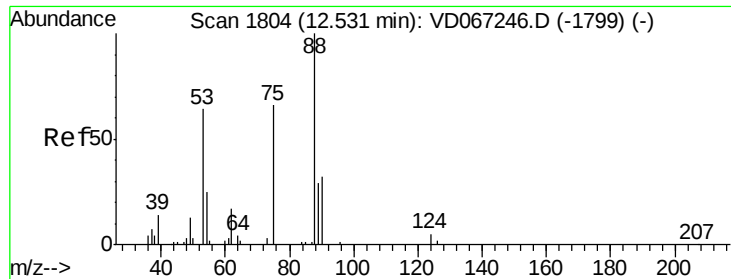
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.722 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion: 105 Resp: 646372
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.783 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067335.D

Acq: 20 Oct 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 36528

Ion Ratio Lower Upper

75 100

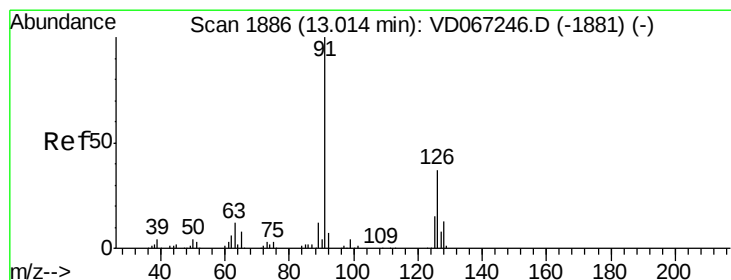
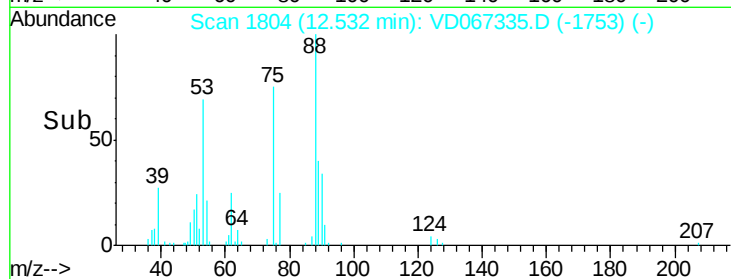
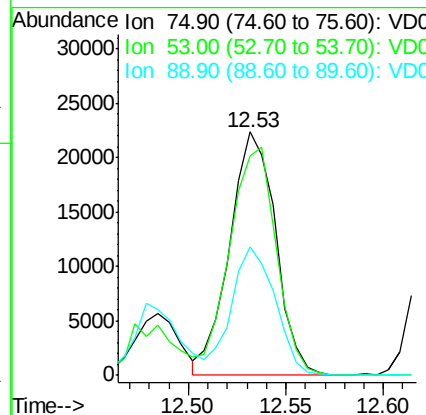
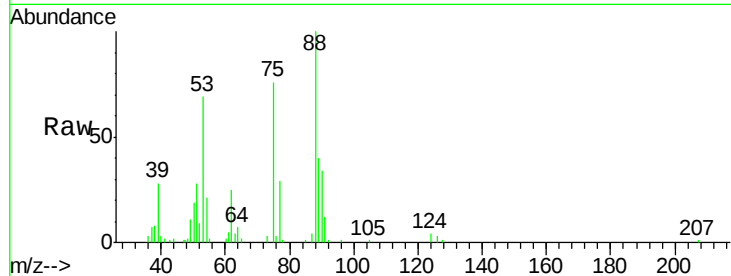
53 95.5 78.5 117.7

89 50.1 39.9 59.9

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#82

4-Chlorotoluene

Concen: 54.872 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067335.D

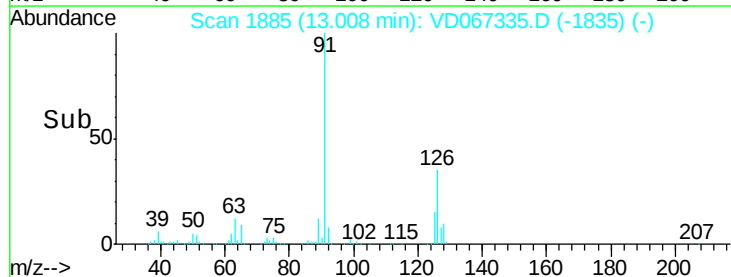
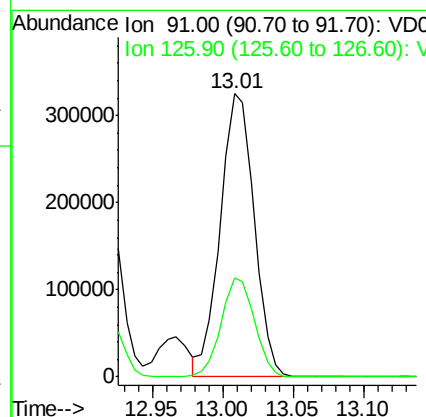
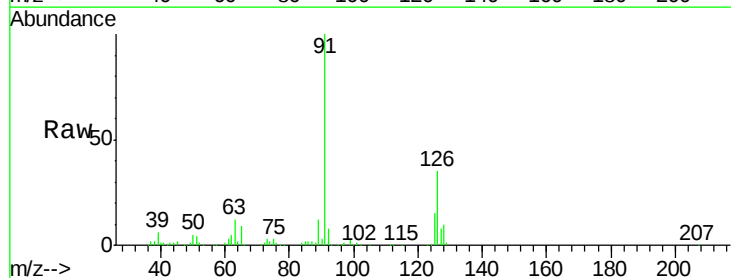
Acq: 20 Oct 2020 20:19

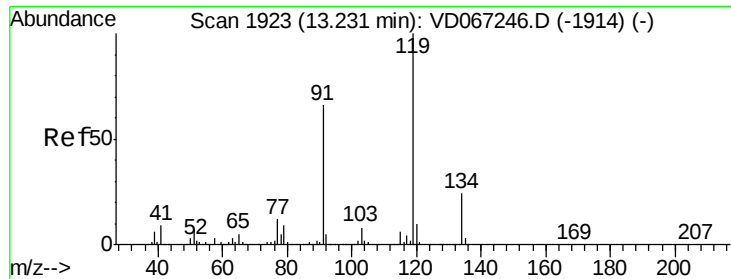
Tgt Ion: 91 Resp: 541801

Ion Ratio Lower Upper

91 100

126 34.4 17.8 53.5





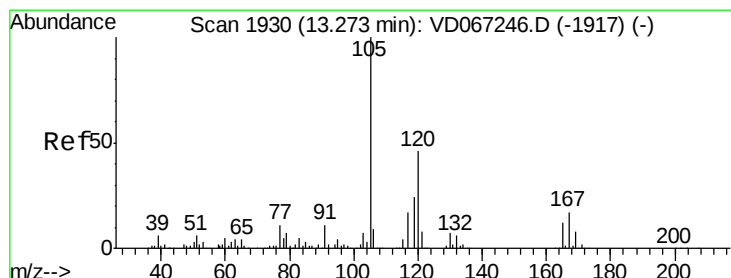
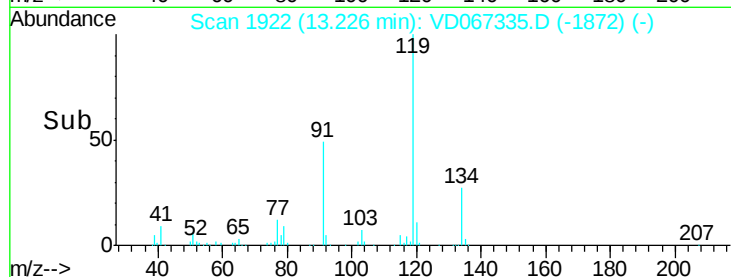
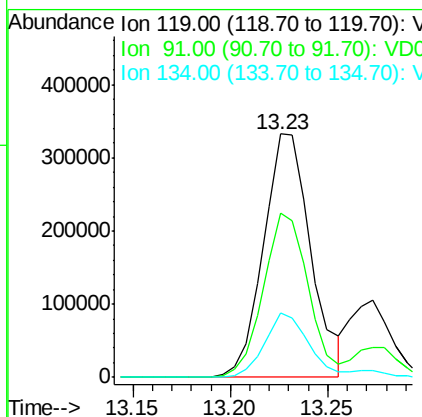
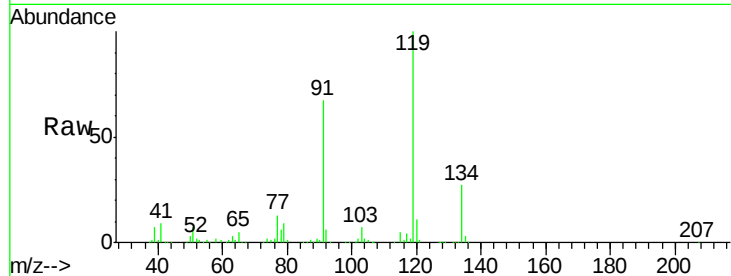
#83
tert-Butylbenzene
Concen: 55.003 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	33.1	99.2
134	24.8	13.3	39.9

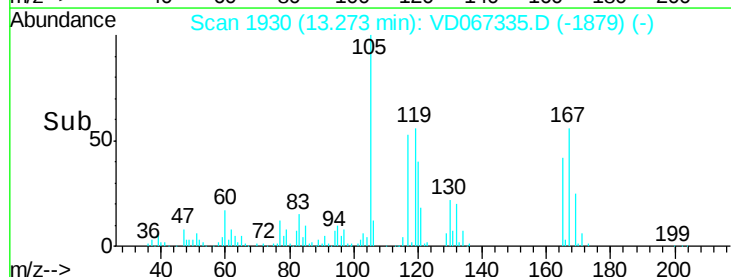
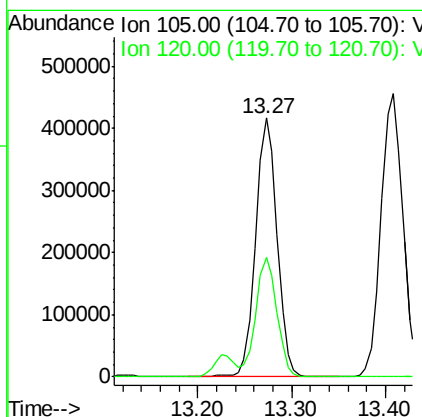
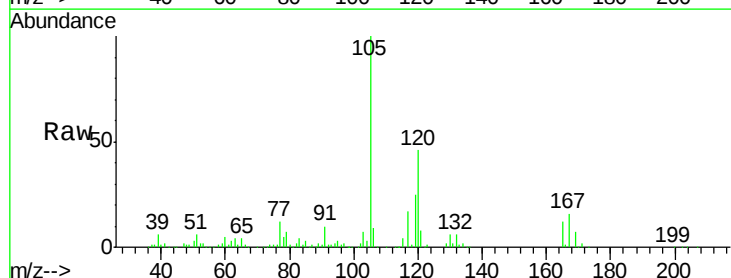
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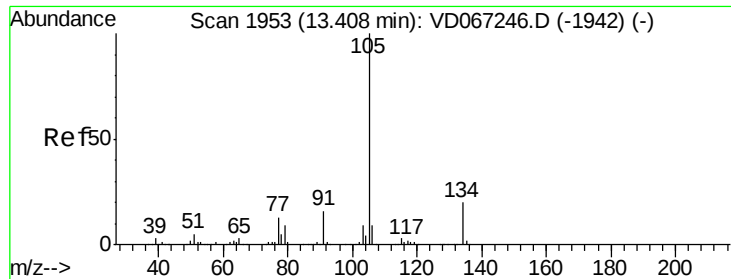
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.116 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.4	67.3





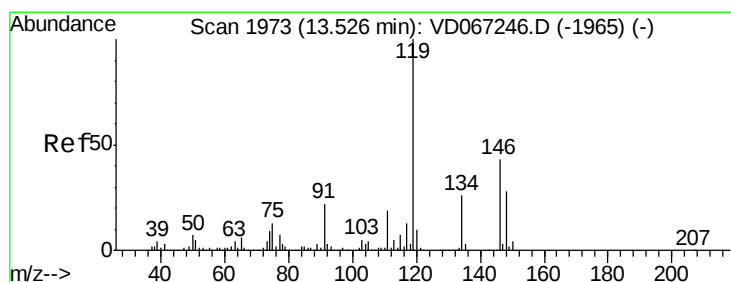
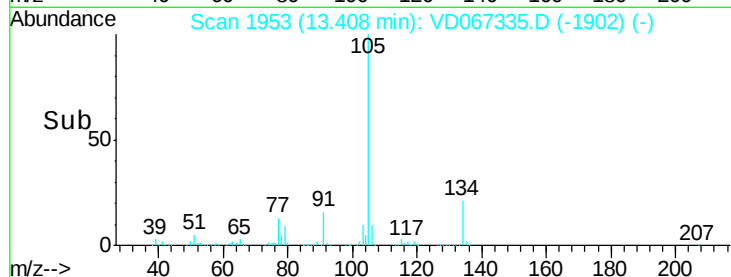
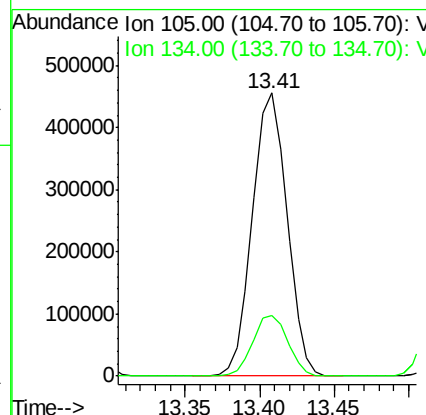
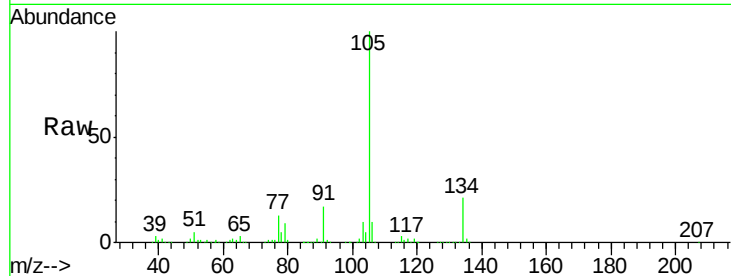
#85
 sec-Butylbenzene
 Concen: 52.584 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.5

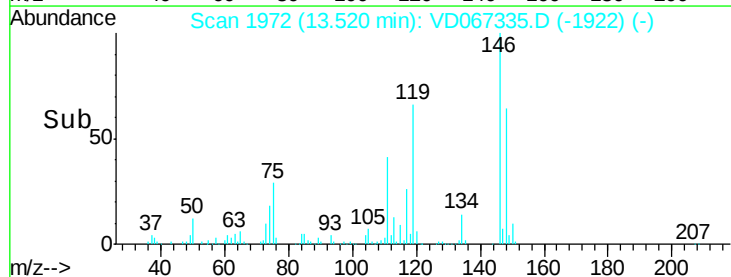
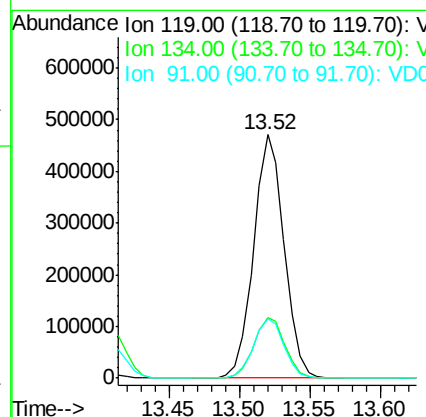
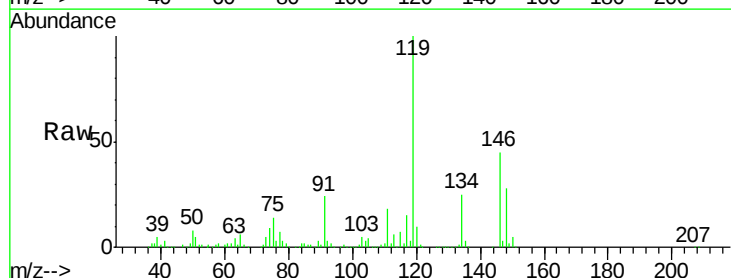
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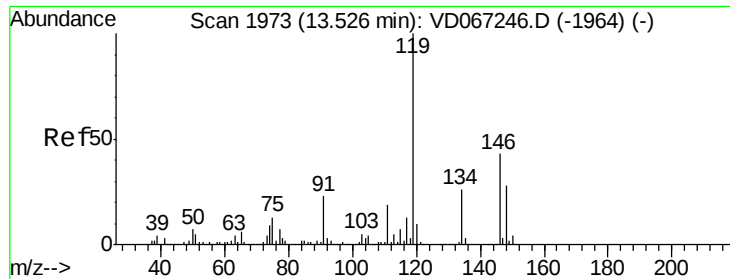
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#86
 p-Isopropyltoluene
 Concen: 54.003 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.3
91	24.6	11.9	35.9





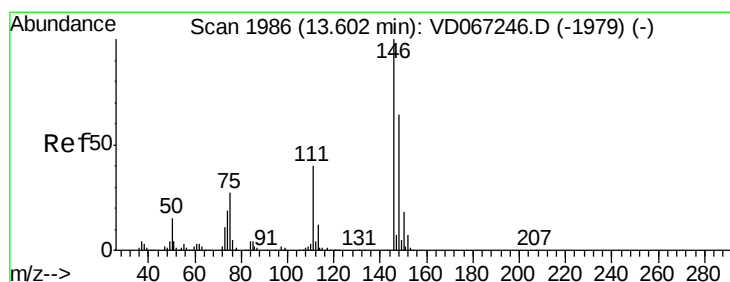
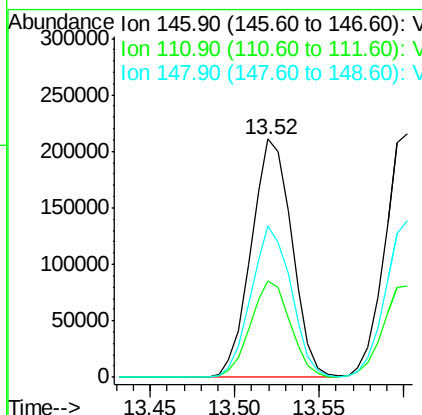
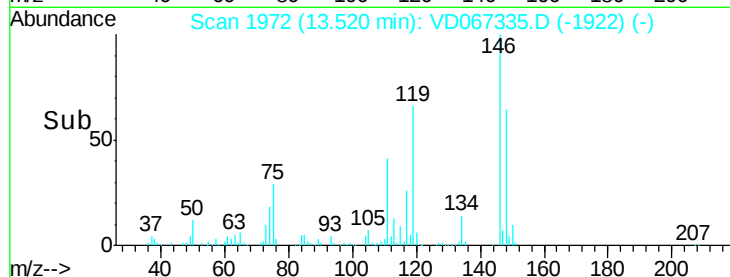
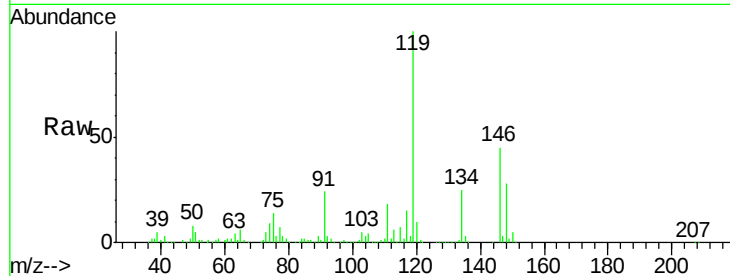
#87
 1,3-Dichlorobenzene
 Concen: 53.240 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.1	63.3
148	62.5	31.9	95.9

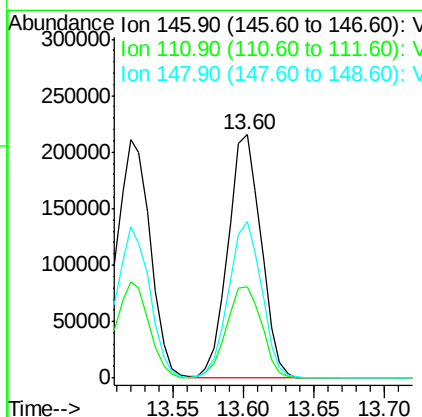
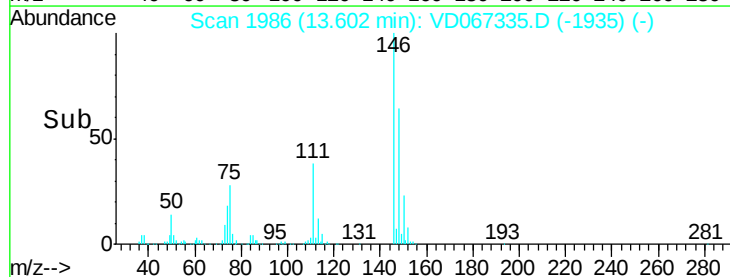
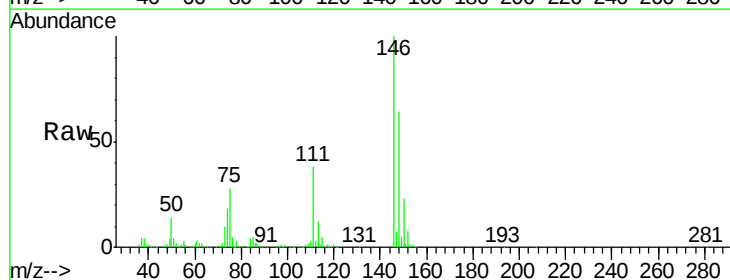
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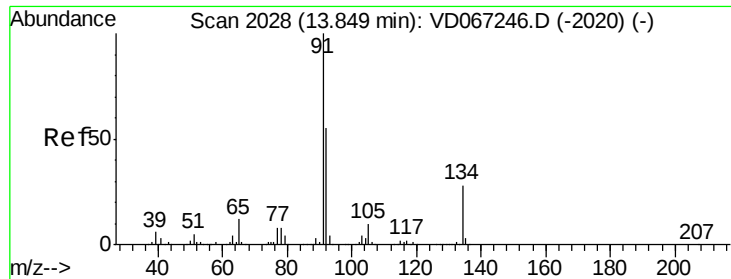
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#88
 1,4-Dichlorobenzene
 Concen: 53.709 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	64.3	31.9	95.9





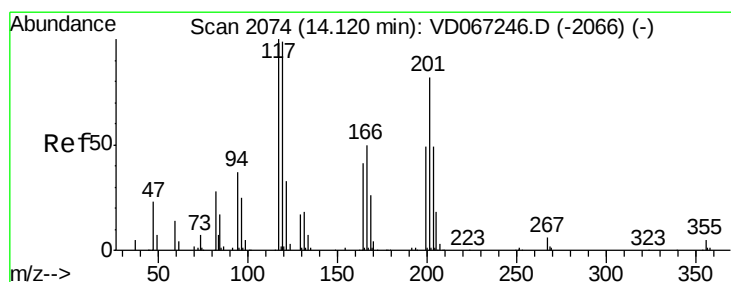
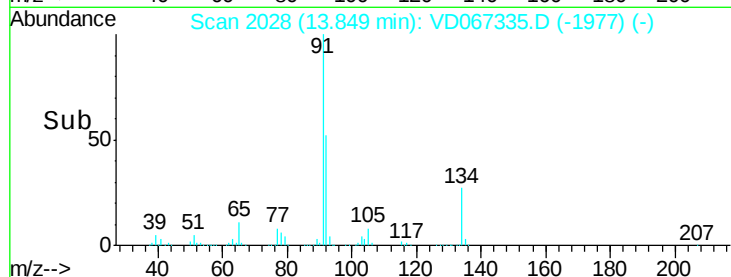
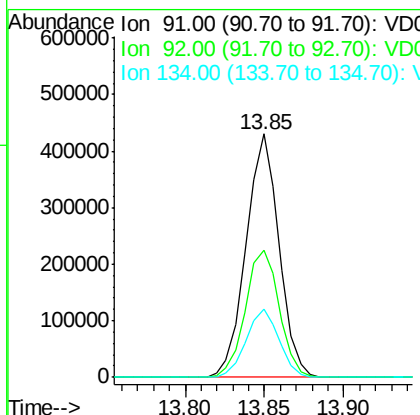
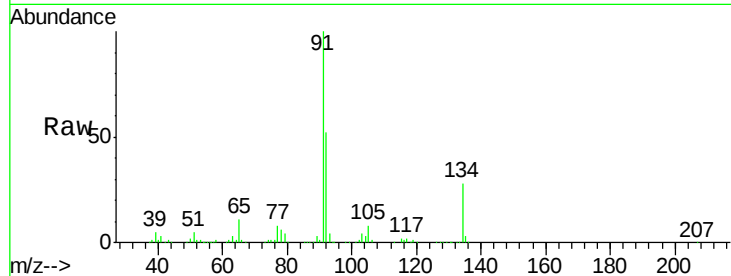
#89
n-Butylbenzene
Concen: 53.592 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.0
134	28.2	14.2	42.6

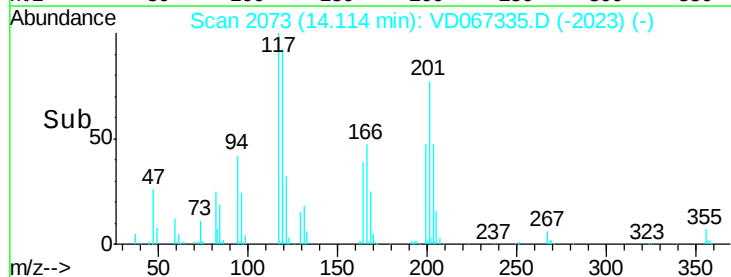
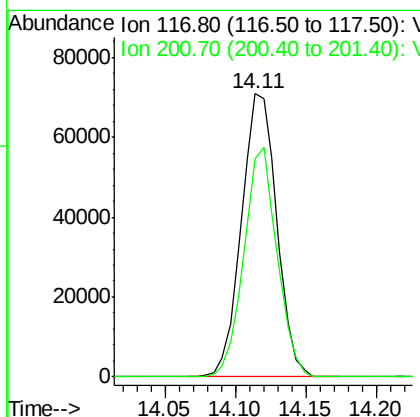
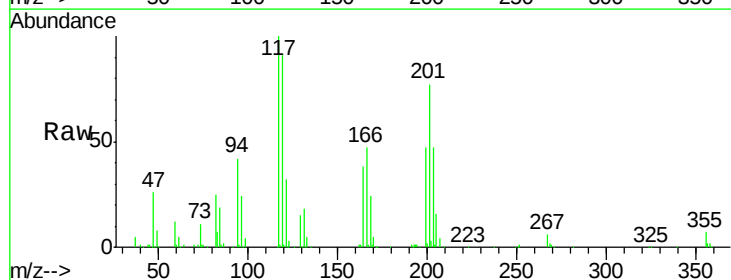
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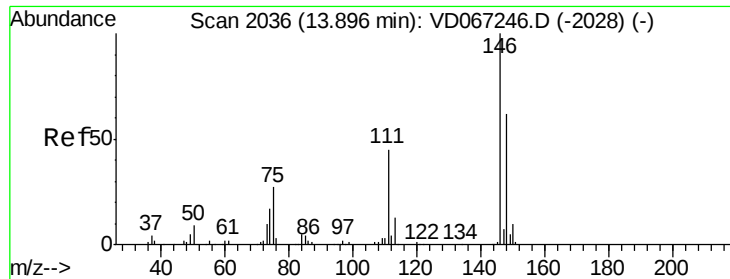
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#90
Hexachloroethane
Concen: 54.134 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.1	40.8	122.2





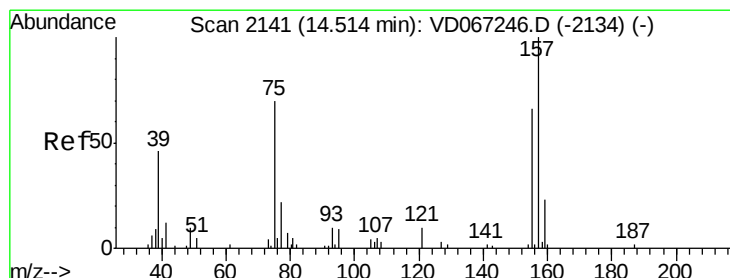
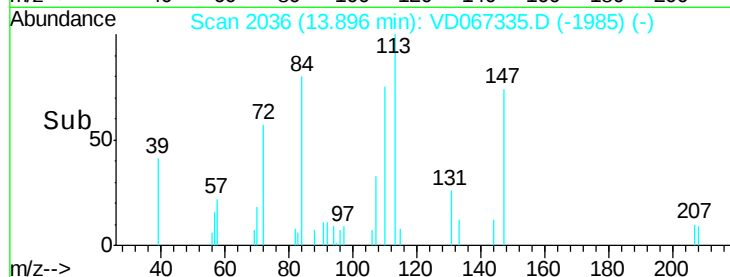
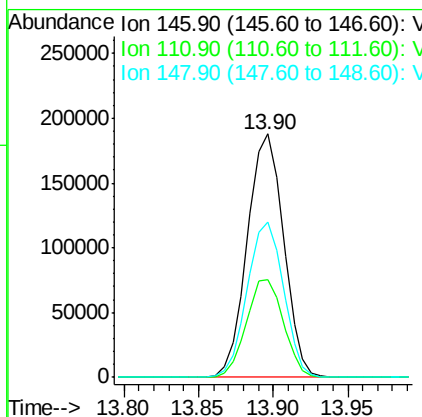
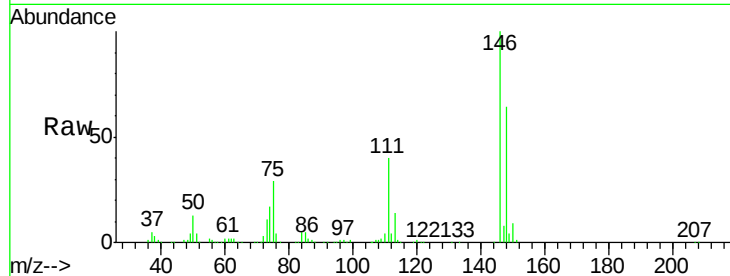
#91
 1,2-Dichlorobenzene
 Concen: 54.528 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	22.0	66.0
148	63.9	32.5	97.5

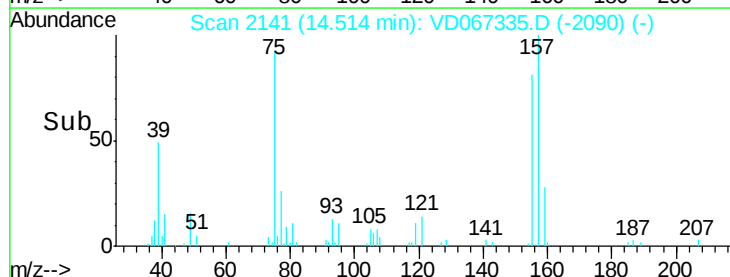
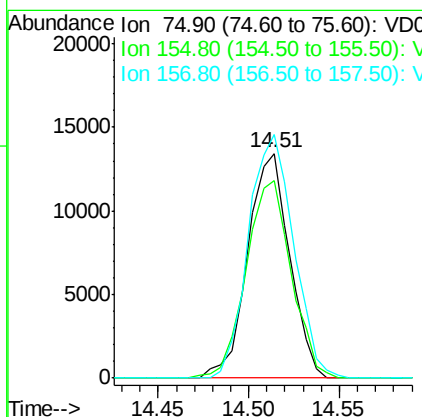
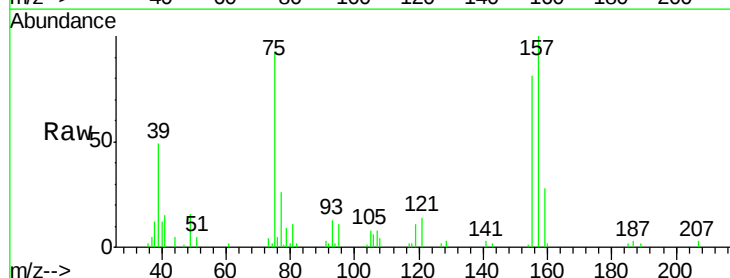
Manual Integrations
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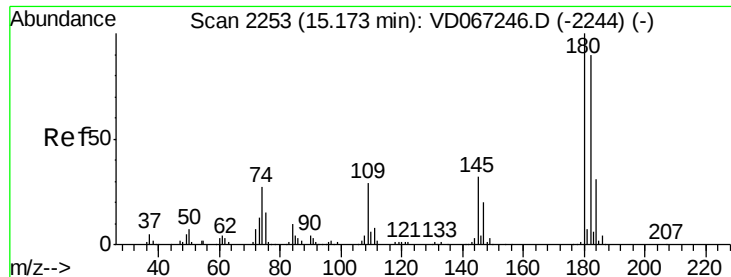
MMDadoda
 10/21/2020 2:52:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.078 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067335.D
 Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	44.8	134.4
157	116.7	62.5	187.4





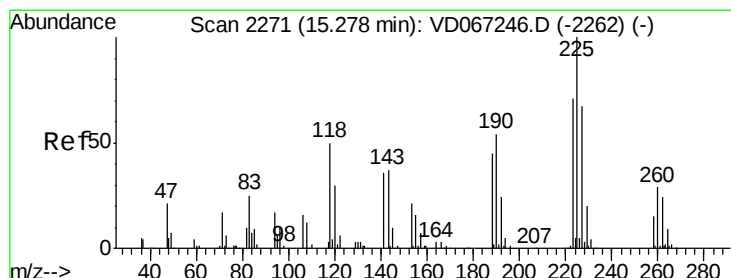
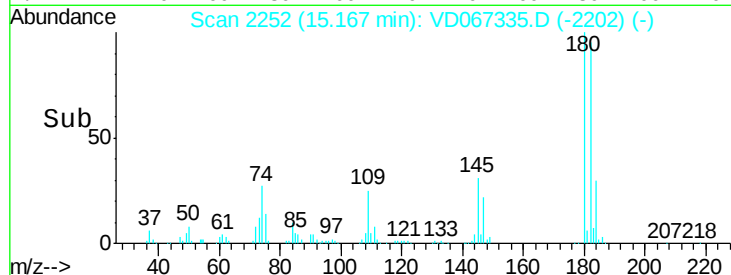
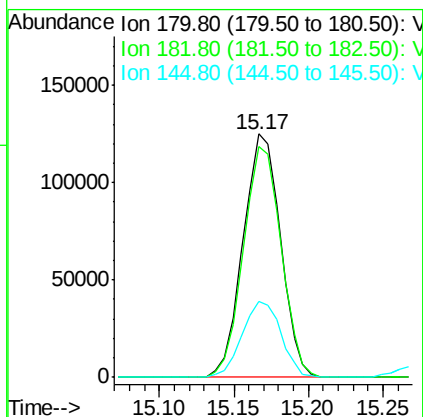
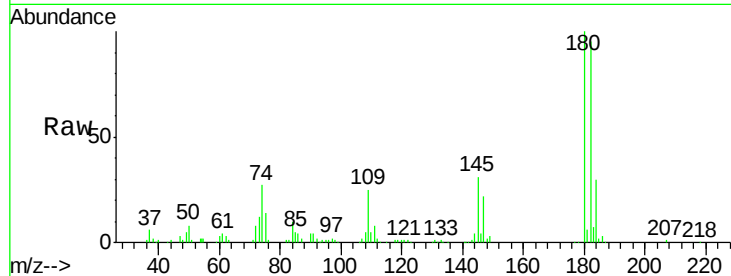
#93
1,2,4-Trichlorobenzene
Concen: 55.546 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217372		
182	95.3	48.1	144.4	
145	32.5	16.3	48.9	

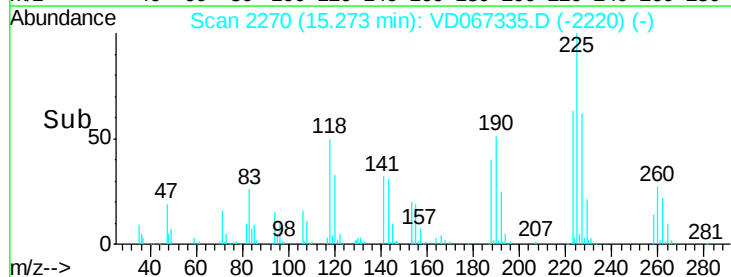
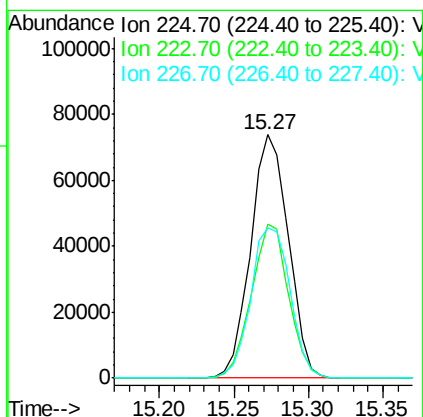
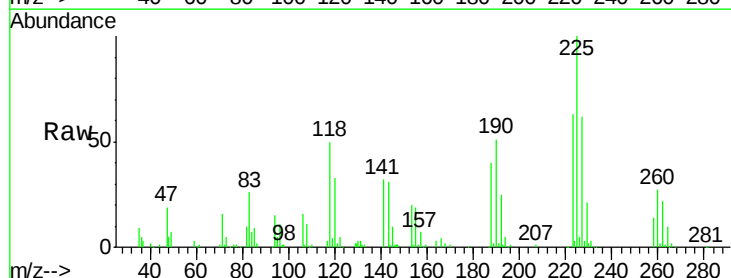
Manual Integrations
APPROVED

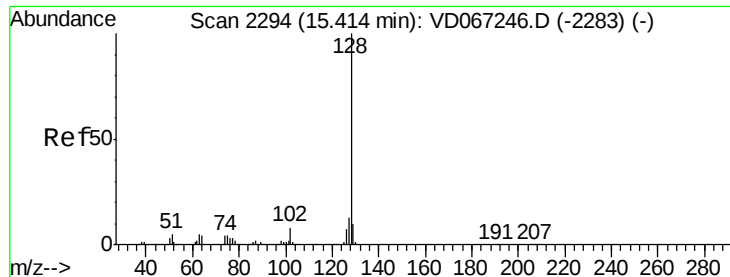
MMDadoda
10/21/2020 2:52:04 PM



#94
Hexachlorobutadiene
Concen: 53.023 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128854		
223	62.4	31.9	95.7	
227	64.4	31.2	93.6	





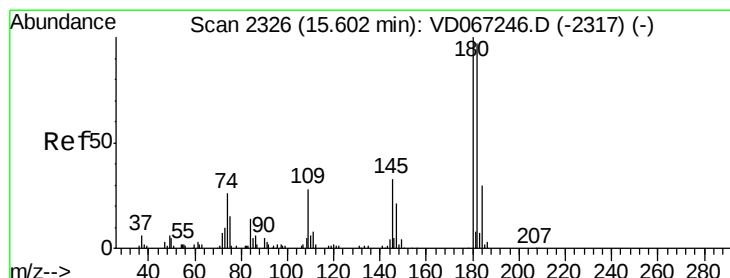
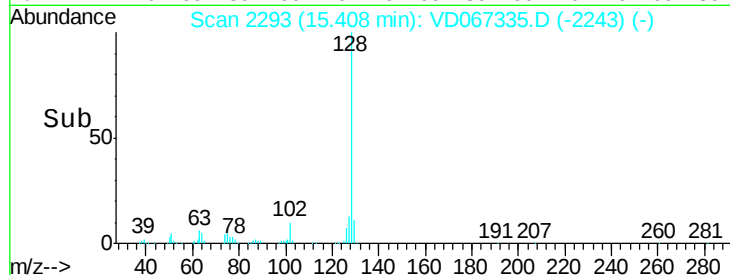
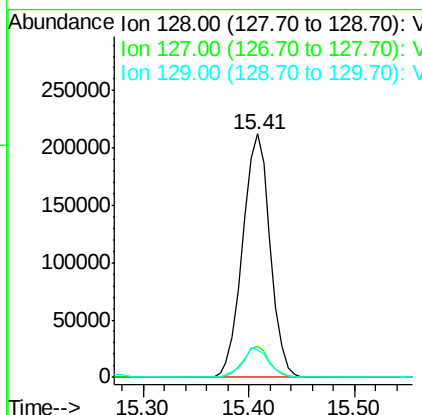
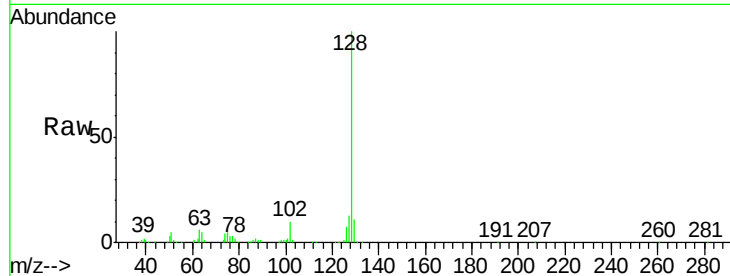
#95
Naphthalene
Concen: 59.586 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.4	15.6
129	11.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/21/2020 2:52:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.232 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067335.D
Acq: 20 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.1	144.3
145	35.3	17.3	51.9

