

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\
 Data File : VD067303.D
 Acq On : 19 Oct 2020 12:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:50:58 PM

Quant Time: Oct 20 01:17:46 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	328428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	468017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	422817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	145810	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
35) Dibromofluoromethane	7.92	113	151023	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.34	98	558334	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.64	95	189365	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	125289	47.288	ug/l	94
3) Chloromethane	2.20	50	88217	42.680	ug/l	91
4) Vinyl Chloride	2.35	62	99824	44.016	ug/l	98
5) Bromomethane	2.77	94	74581	47.122	ug/l	99
6) Chloroethane	2.92	64	64414	45.606	ug/l	93
7) Trichlorofluoromethane	3.27	101	281820	49.349	ug/l	95
8) Diethyl Ether	3.70	74	56521	43.252	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	144308	47.562	ug/l	99
10) Methyl Iodide	4.30	142	142407	50.881	ug/l	97
11) Tert butyl alcohol	5.21	59	37613	213.151	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	128183	47.290	ug/l	99
13) Acrolein	3.93	56	45424	232.636	ug/l	99
14) Allyl chloride	4.71	41	142368	45.864	ug/l	96
15) Acrylonitrile	5.42	53	96426	221.144	ug/l	98
16) Acetone	4.16	43	119828	260.035	ug/l	95
17) Carbon Disulfide	4.41	76	348114	45.050	ug/l	97
18) Methyl Acetate	4.71	43	44641	42.472	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	253676	47.067	ug/l	98
20) Methylene Chloride	4.96	84	139506	46.992	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	147391	47.252	ug/l	99
22) Diisopropyl ether	6.36	45	271588	47.895	ug/l	99
23) Vinyl Acetate	6.30	43	793077	245.835	ug/l	98
24) 1,1-Dichloroethane	6.27	63	227391	46.846	ug/l	98
25) 2-Butanone	7.21	43	121075	230.495	ug/l	95
26) 2,2-Dichloropropane	7.21	77	252682	50.505	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	163665	47.874	ug/l	98
28) Bromochloromethane	7.54	49	73204	44.215	ug/l #	95
29) Tetrahydrofuran	7.56	42	68304	233.923	ug/l	95
30) Chloroform	7.71	83	281433	48.535	ug/l	92
31) Cyclohexane	7.98	56	173271	45.721	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	285143	50.119	ug/l	99
36) 1,1-Dichloropropene	8.11	75	203089	51.198	ug/l	100
37) Ethyl Acetate	7.30	43	55921	47.915	ug/l #	91
38) Carbon Tetrachloride	8.10	117	270897	53.433	ug/l	96

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Quant Time: Oct 20 01:17:46 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	214180	51.648	ug/l	97
40) Benzene	8.35	78	551902	50.715	ug/l	97
41) Methacrylonitrile	7.52	41	30302	48.047	ug/l	91
42) 1,2-Dichloroethane	8.43	62	168199	49.389	ug/l	100
43) Isopropyl Acetate	8.46	43	112401	48.536	ug/l	99
44) Trichloroethene	9.11	130	177227	50.865	ug/l	97
45) 1,2-Dichloropropane	9.39	63	121025	47.986	ug/l	96
46) Dibromomethane	9.48	93	77444	49.284	ug/l	93
47) Bromodichloromethane	9.67	83	209115	49.670	ug/l	98
48) Methyl methacrylate	9.46	41	53767	47.776	ug/l	96
49) 1,4-Dioxane	9.47	88	15660	1030.741	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	278807	241.380	ug/l	99
52) Toluene	10.41	92	382998	51.673	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	183258	49.551	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	216034	49.913	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	102514	47.841	ug/l	96
56) Ethyl methacrylate	10.67	69	110954	49.927	ug/l	98
57) 1,3-Dichloropropane	10.95	76	166150	48.723	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	277470	243.386	ug/l	97
59) 2-Hexanone	10.98	43	202096	256.050	ug/l	99
60) Dibromochloromethane	11.14	129	156700	50.145	ug/l	98
61) 1,2-Dibromoethane	11.25	107	102881	48.701	ug/l	100
64) Tetrachloroethene	10.88	164	157317	51.353	ug/l	96
65) Chlorobenzene	11.67	112	415480	51.243	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	166861	51.780	ug/l	98
67) Ethyl Benzene	11.75	91	744878	53.594	ug/l	99
68) m/p-Xylenes	11.86	106	564834	105.534	ug/l	100
69) o-Xylene	12.18	106	259070	52.273	ug/l	98
70) Styrene	12.20	104	441908	51.796	ug/l	98
71) Bromoform	12.37	173	84880	49.030	ug/l #	99
73) Isopropylbenzene	12.48	105	744750	55.253	ug/l	99
74) N-amyl acetate	12.29	43	104244	51.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	103957	50.335	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	74825m	50.833	ug/l	
77) Bromobenzene	12.77	156	174392	51.896	ug/l	99
78) n-propylbenzene	12.83	91	862180	55.207	ug/l	100
79) 2-Chlorotoluene	12.91	91	482681	53.296	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	641528	54.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	32540	50.130	ug/l	99
82) 4-Chlorotoluene	13.01	91	508507	52.902	ug/l	99
83) tert-Butylbenzene	13.23	119	561096	56.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	632445	54.630	ug/l	99
85) sec-Butylbenzene	13.41	105	754106	55.545	ug/l	100
86) p-Isopropyltoluene	13.52	119	714128	55.729	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	328144	50.733	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	334054	52.129	ug/l	99
89) n-Butylbenzene	13.85	91	628850	55.782	ug/l	99
90) Hexachloroethane	14.12	117	119378	53.385	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	287059	50.803	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18335	48.867	ug/l	96

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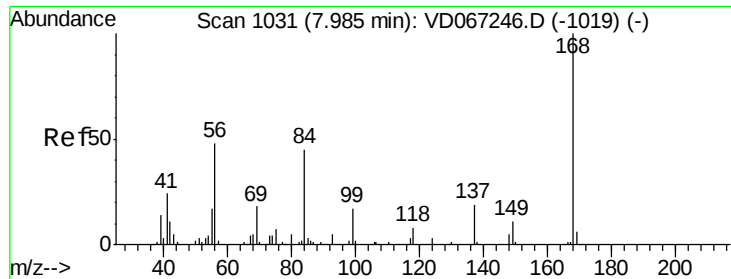
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	206155	54.113	ug/l	98
94) Hexachlorobutadiene	15.27	225	132940	56.193	ug/l	99
95) Naphthalene	15.41	128	334539	53.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	175695	53.383	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067303.D

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VSTDCCC050

Tot Ion:168 Resp: 328428

Ion Ratio Lower Upper

168 100

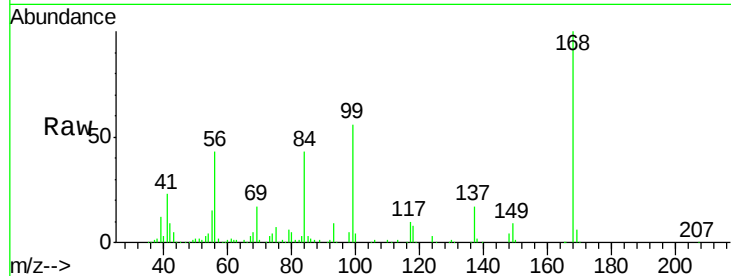
99 55.4 45.9 68.9

Manual Integrations

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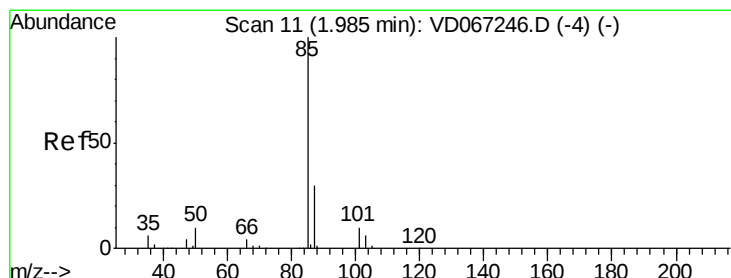
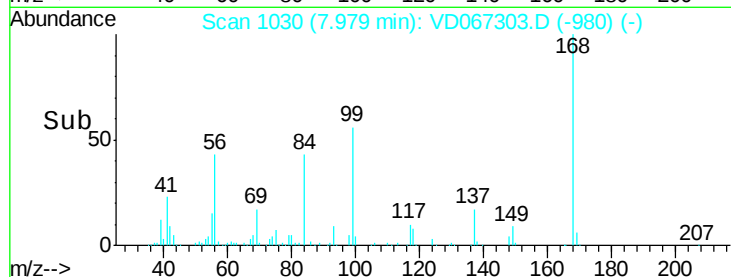
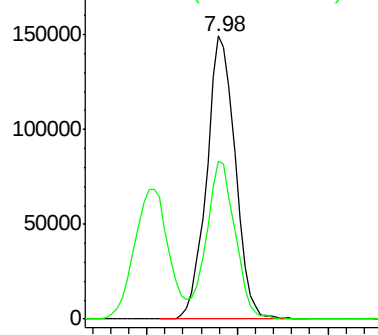
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.288 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067303.D

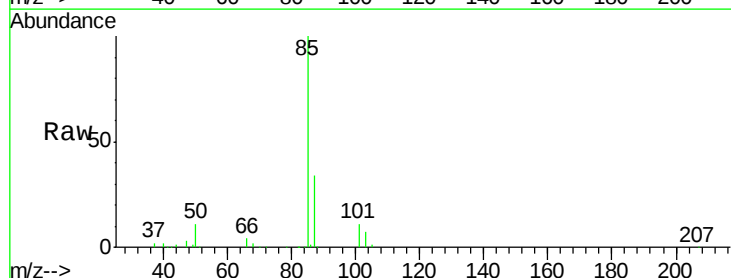
Acq: 19 Oct 2020 12:21

Tgt Ion: 85 Resp: 125289

Ion Ratio Lower Upper

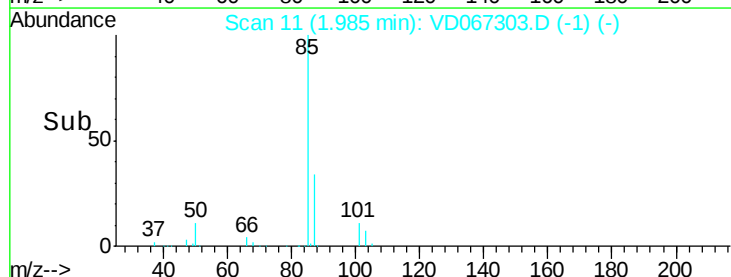
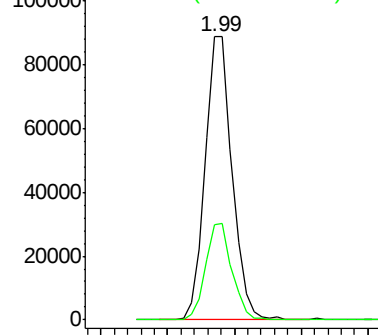
85 100

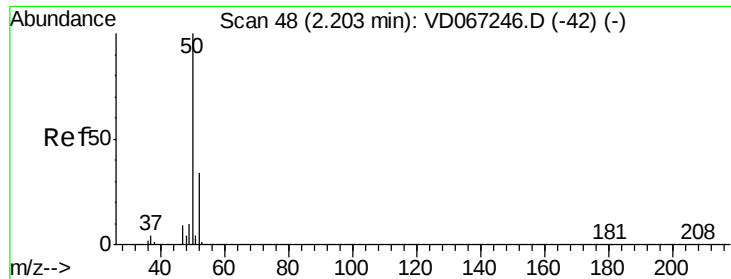
87 33.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.680 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 88217

Ion Ratio Lower Upper

50 100

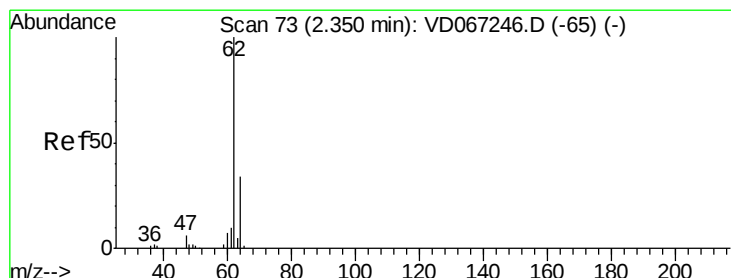
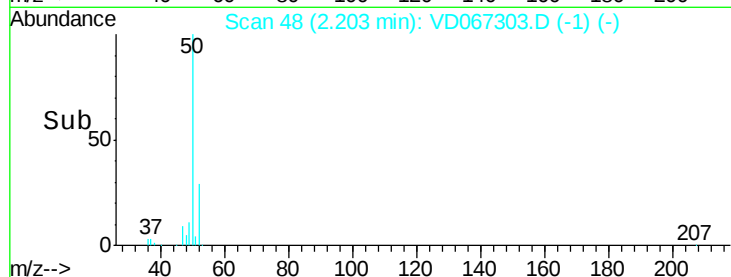
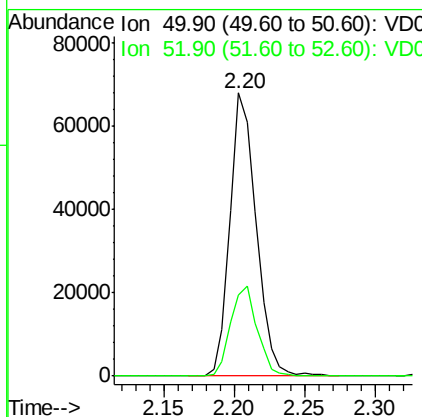
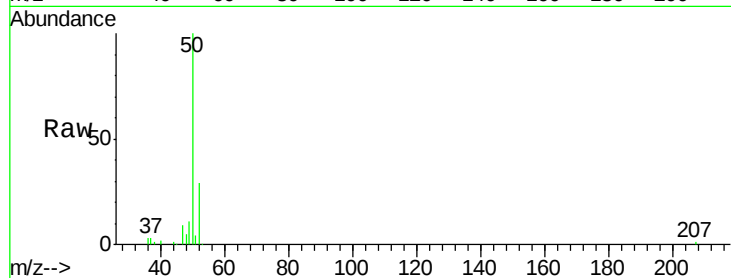
52 28.8 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.016 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067303.D

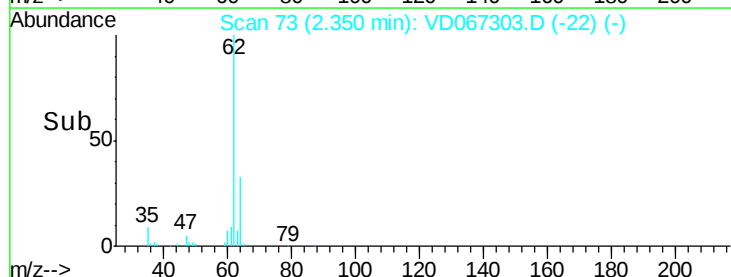
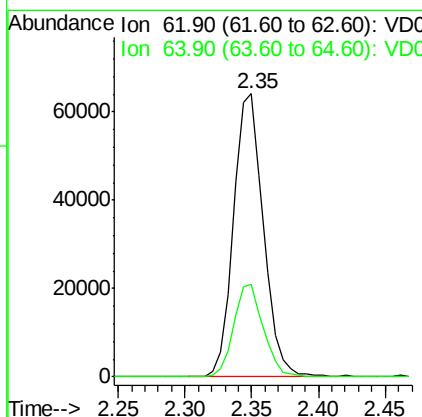
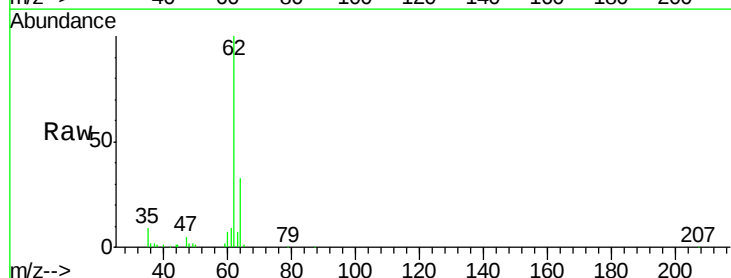
Acq: 19 Oct 2020 12:21

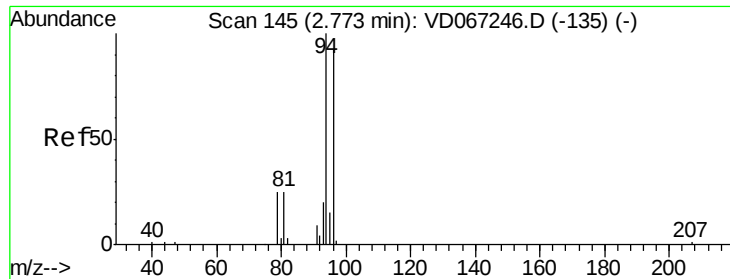
Tgt Ion: 62 Resp: 99824

Ion Ratio Lower Upper

62 100

64 32.9 27.4 41.0





#5

Bromomethane

Concen: 47.122 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

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Tot Ion: 94 Resp: 74581

Ion Ratio Lower Upper

94 100

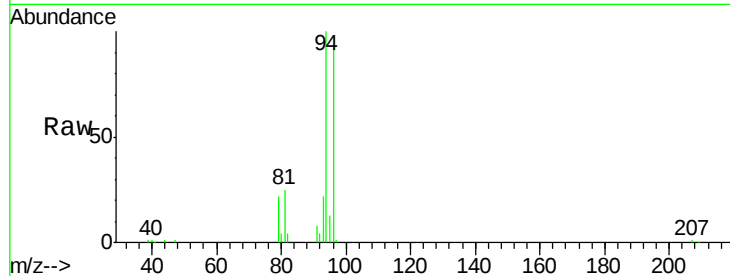
96 91.4 73.8 110.6

Manual Integrations

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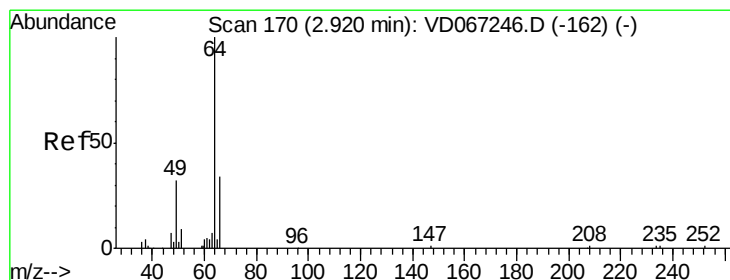
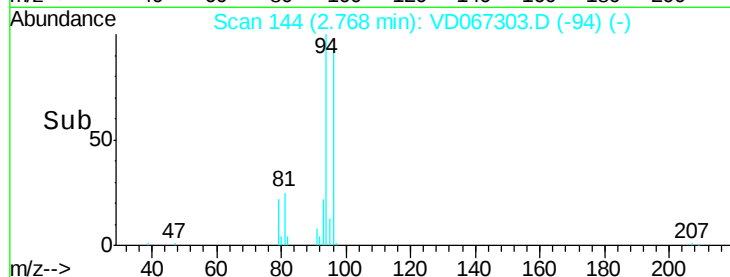
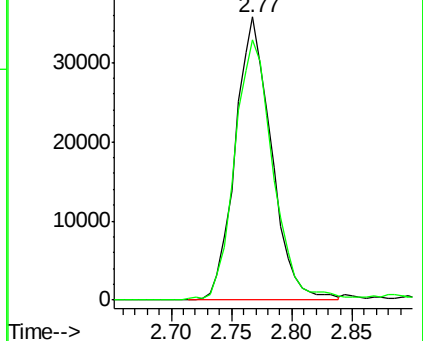
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.606 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067303.D

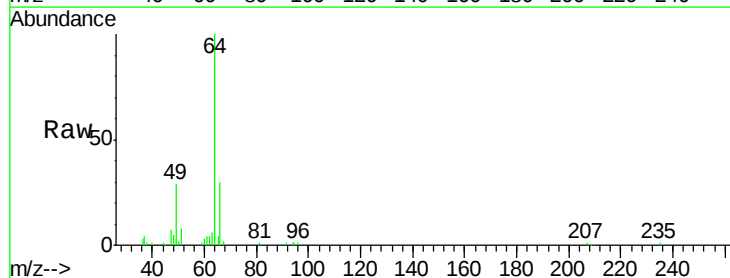
Acq: 19 Oct 2020 12:21

Tgt Ion: 64 Resp: 64414

Ion Ratio Lower Upper

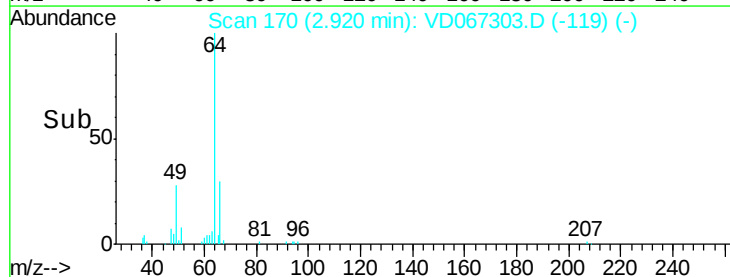
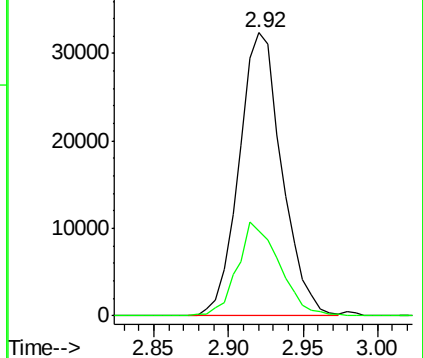
64 100

66 30.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

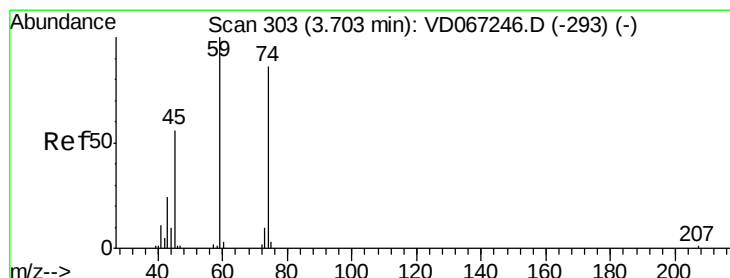
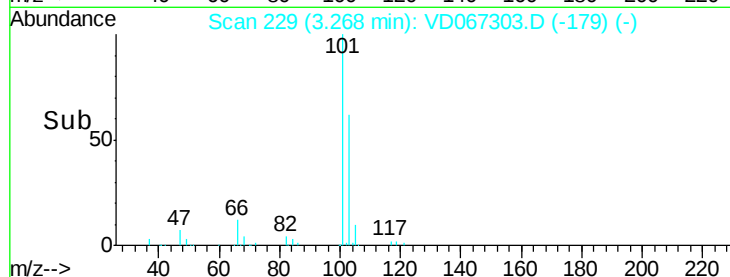
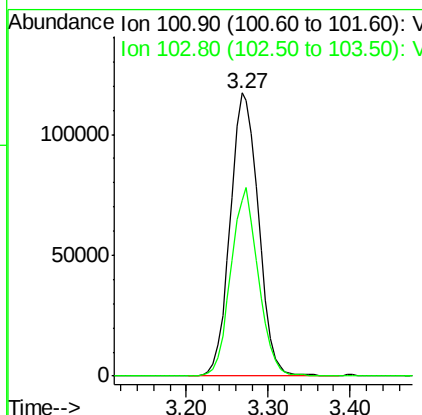
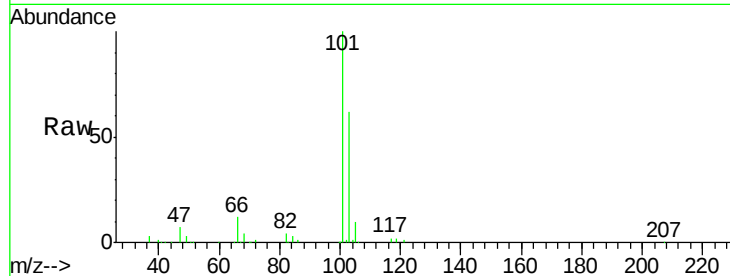
Trichlorofluoromethane
Concen: 49.349 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067303.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	281820		
103	62.0	53.1	79.7	

Manual Integrations
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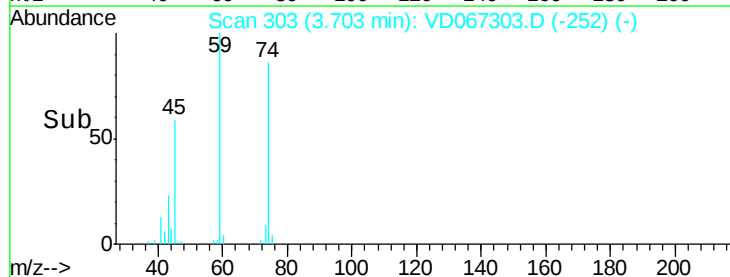
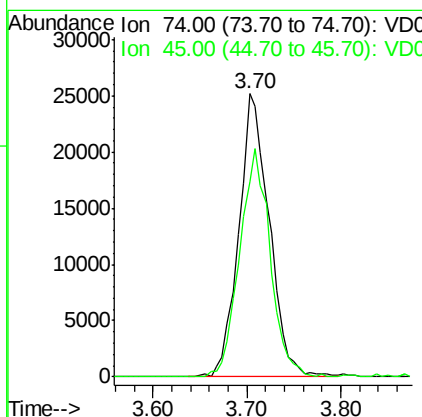
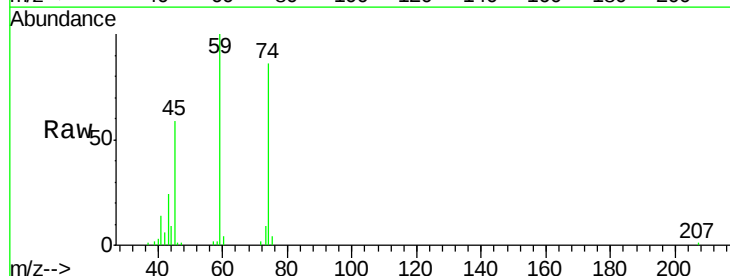
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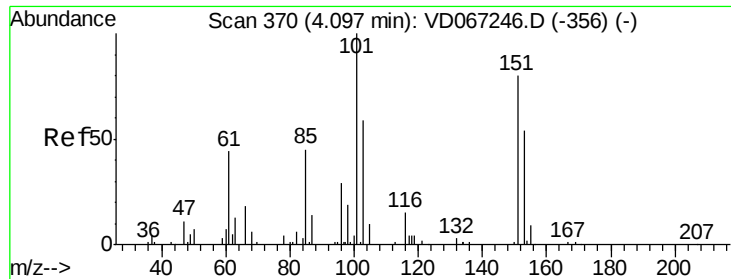


#8

Diethyl Ether
Concen: 43.252 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD067303.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	56521		
45	80.4	37.0	111.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.562 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

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MSVOA_D

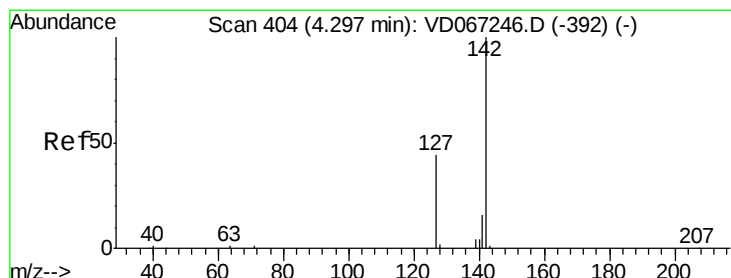
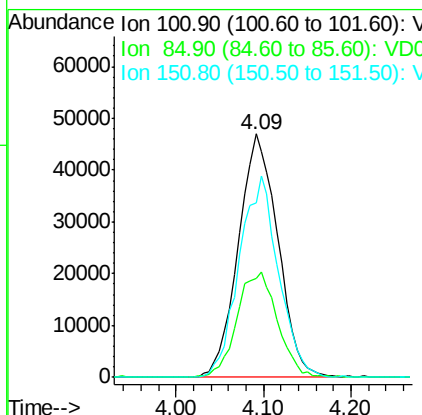
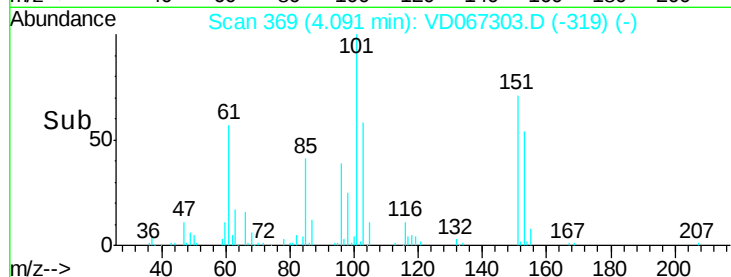
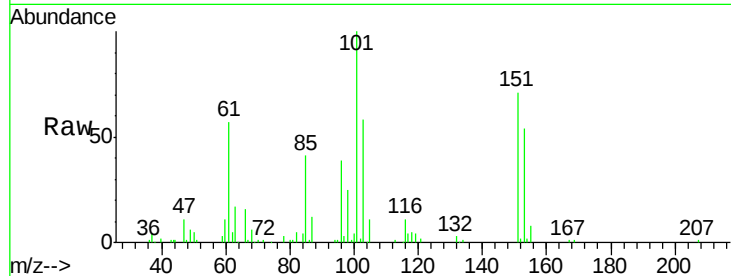
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	144308
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.2	51.4
151	82.6	66.3	99.5

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#10

Methyl Iodide

Concen: 50.881 ug/l

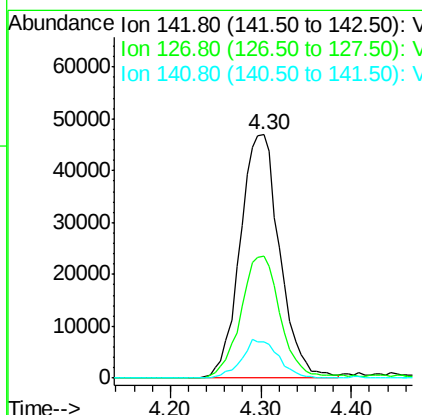
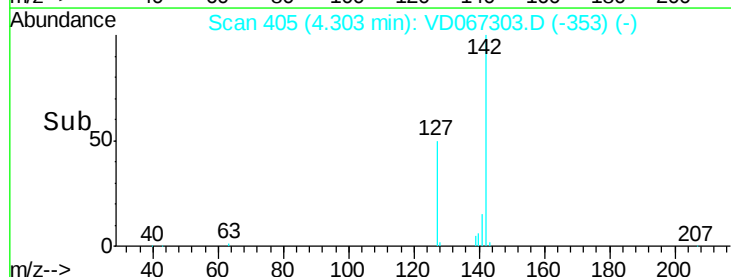
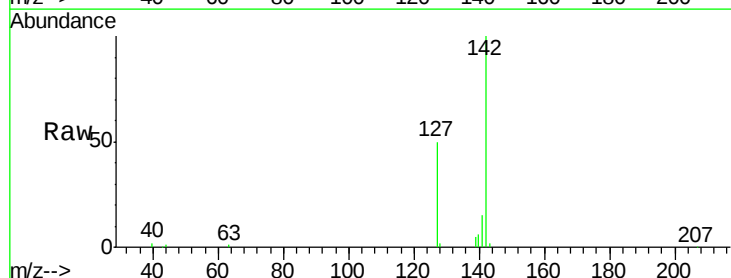
RT: 4.30 min Scan# 405

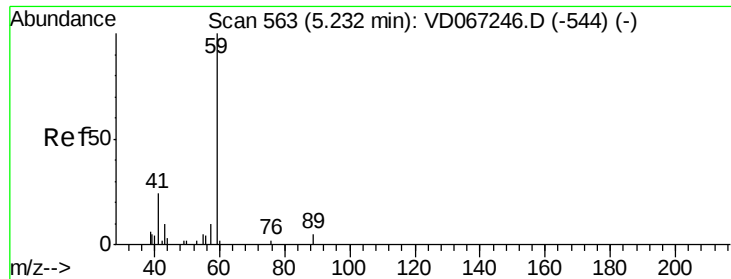
Delta R.T. 0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Tgt Ion:	142	Resp:	142407
Ion Ratio	Lower	Upper	
142	100		
127	50.6	38.4	57.6
141	14.7	11.6	17.4





#11

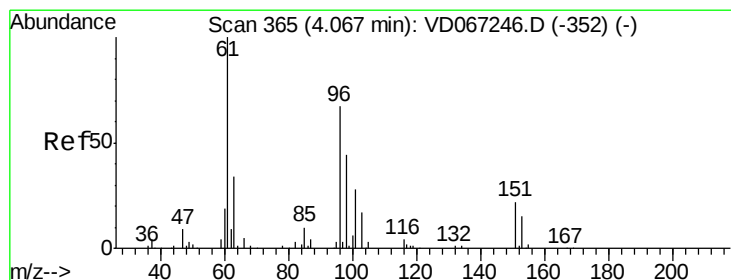
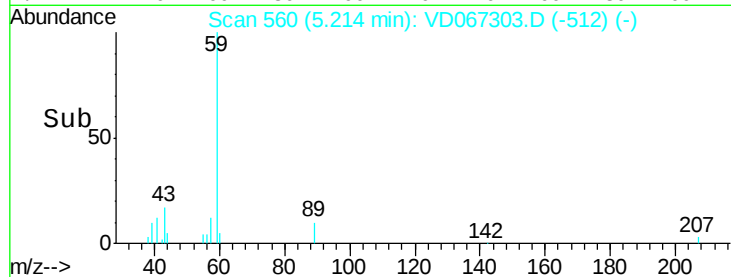
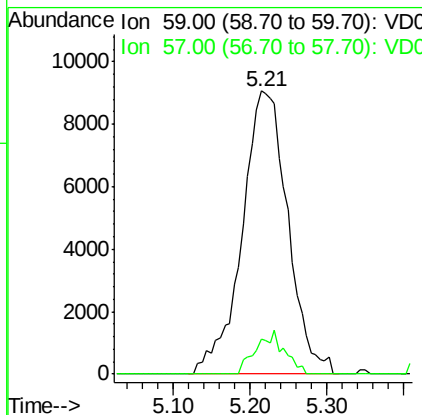
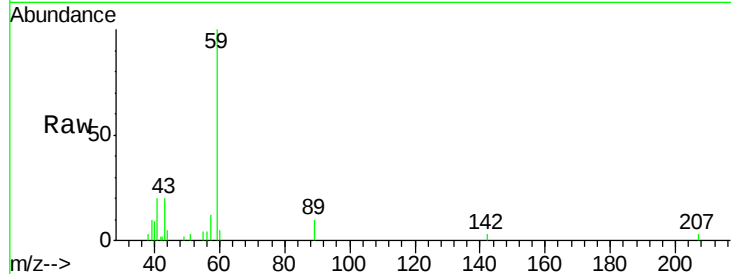
Tert butyl alcohol
 Concen: 213.151 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 37613
 Ion Ratio Lower Upper
 59 100
 57 9.5 5.1 7.7#

Manual Integrations
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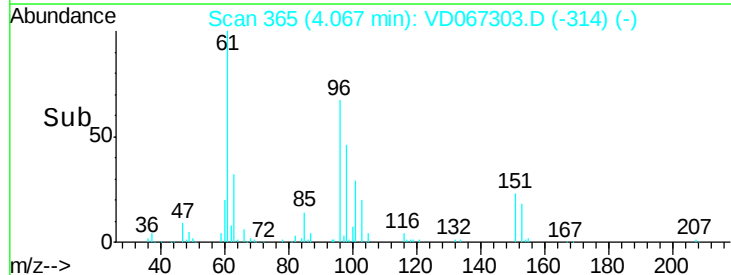
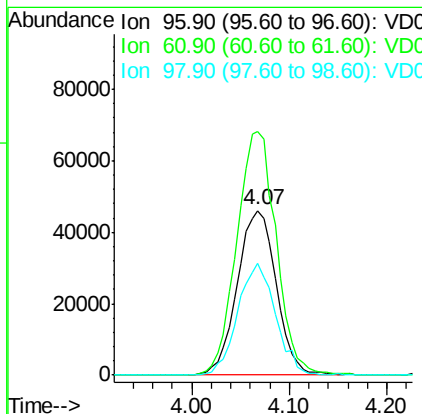
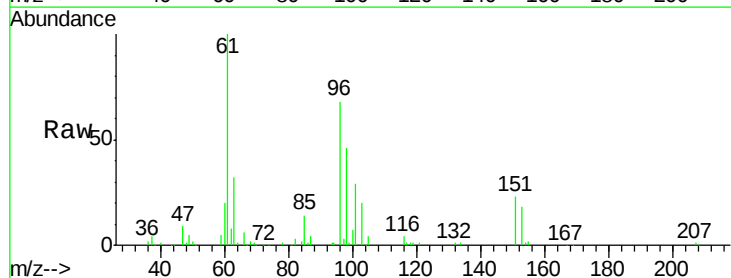
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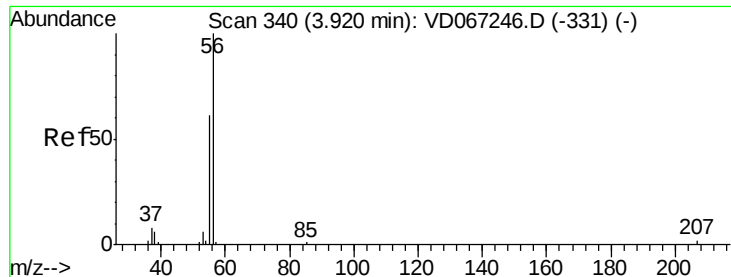


#12

1,1-Dichloroethene
 Concen: 47.290 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion: 96 Resp: 128183
 Ion Ratio Lower Upper
 96 100
 61 147.8 118.6 177.8
 98 67.5 51.8 77.6





#13

Acrolein

Concen: 232.636 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45424

Ion Ratio Lower Upper

56 100

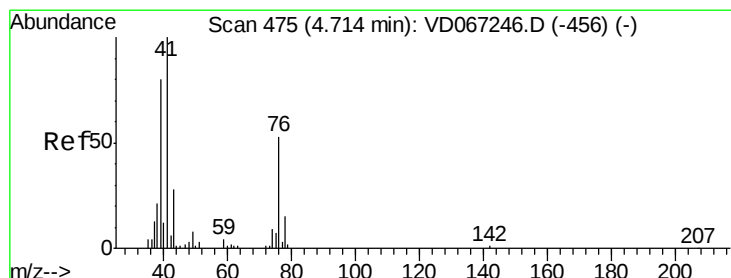
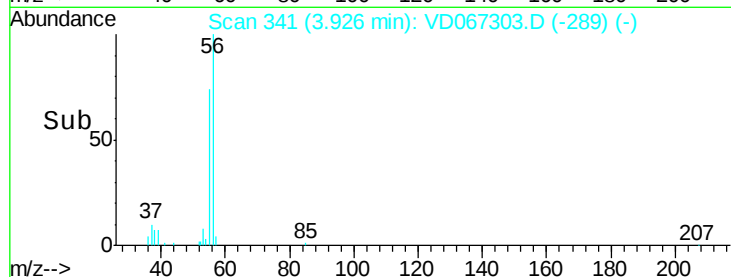
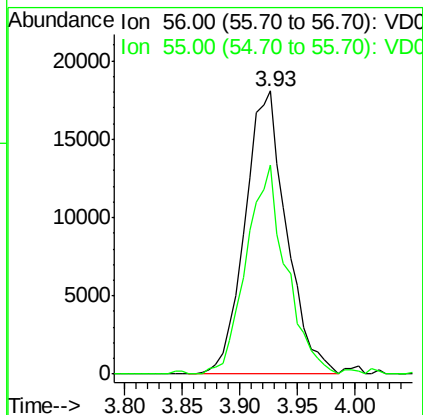
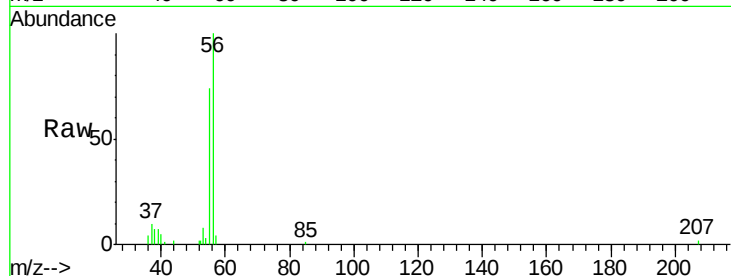
55 70.6 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 45.864 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

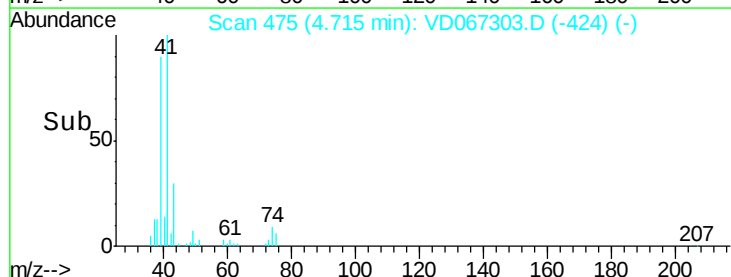
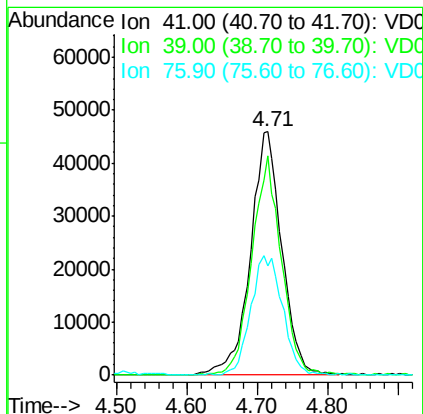
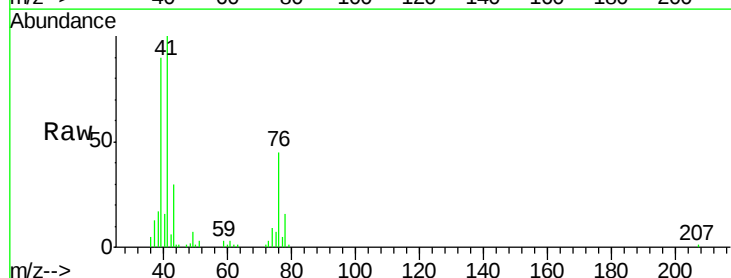
Tgt Ion: 41 Resp: 142368

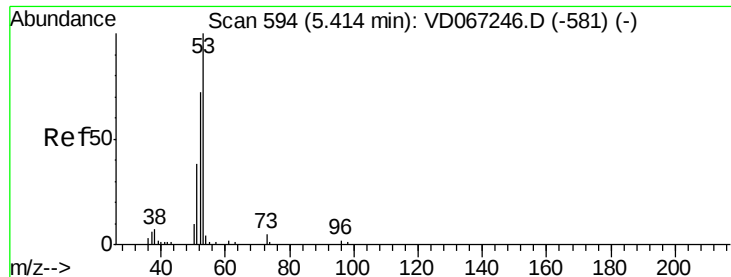
Ion Ratio Lower Upper

41 100

39 84.5 63.8 95.6

76 49.8 40.4 60.6





#15

Acrylonitrile

Concen: 221.144 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

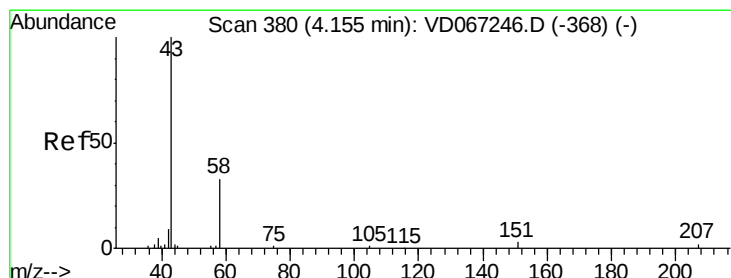
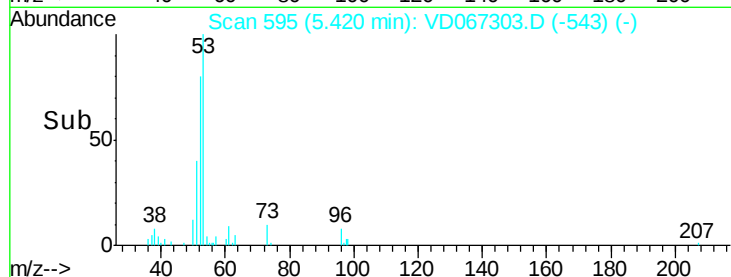
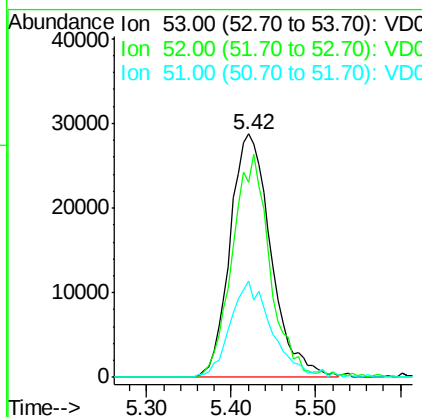
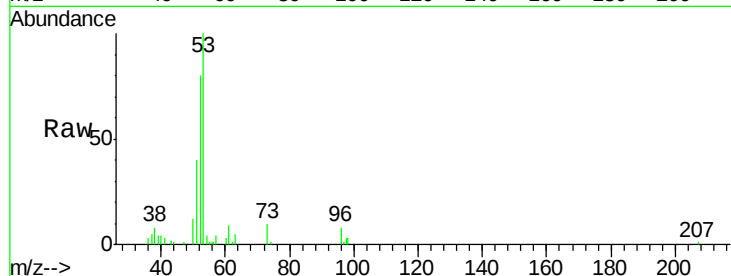
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96426
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.6	98.4
51	39.3	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 260.035 ug/l

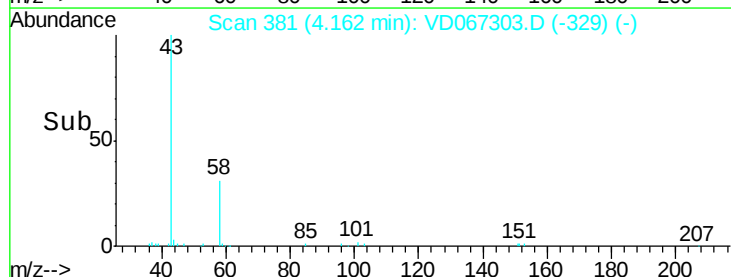
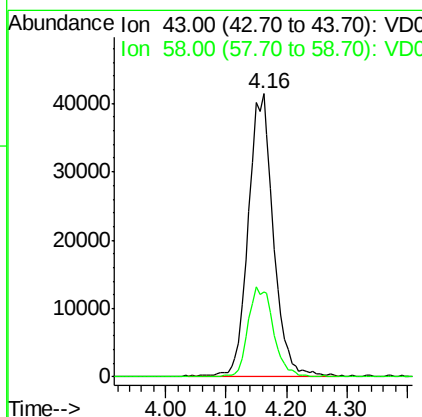
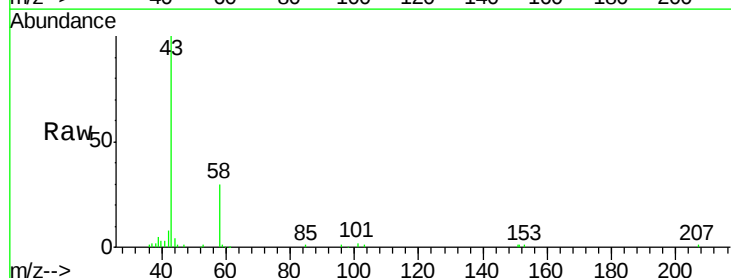
RT: 4.16 min Scan# 381

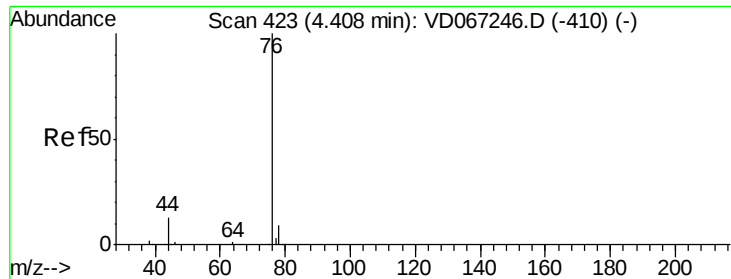
Delta R.T. 0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Tgt Ion:	43	Resp:	119828
Ion	Ratio	Lower	Upper
43	100		
58	29.9	26.1	39.1





#17

Carbon Disulfide

Concen: 45.050 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 348114

Ion Ratio Lower Upper

76 100

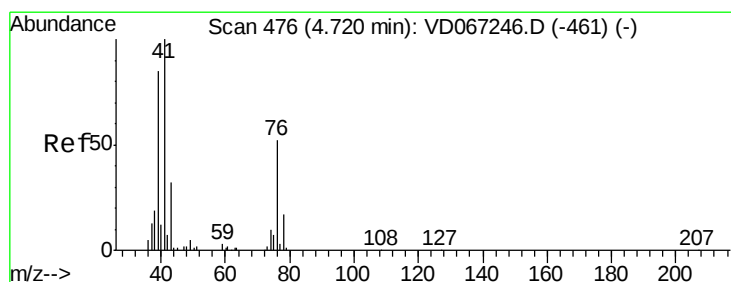
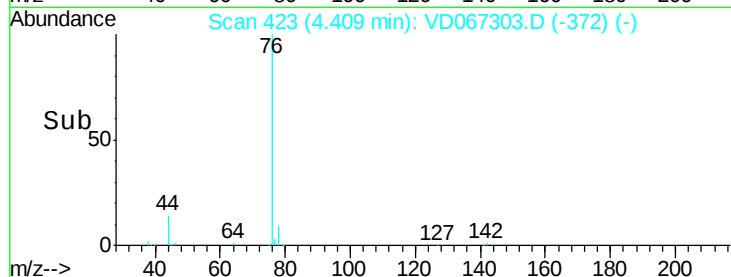
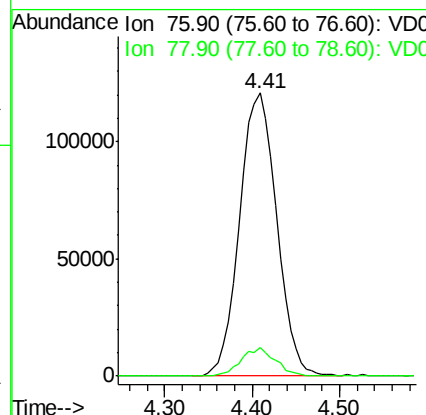
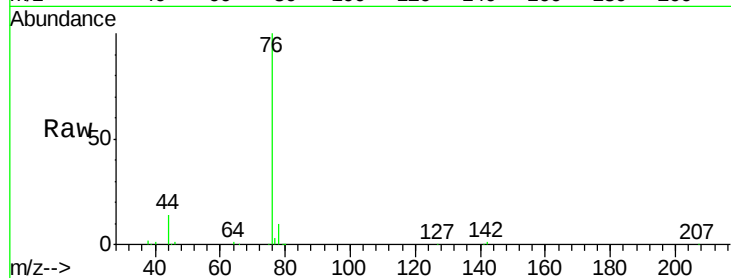
78 10.3 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 42.472 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067303.D

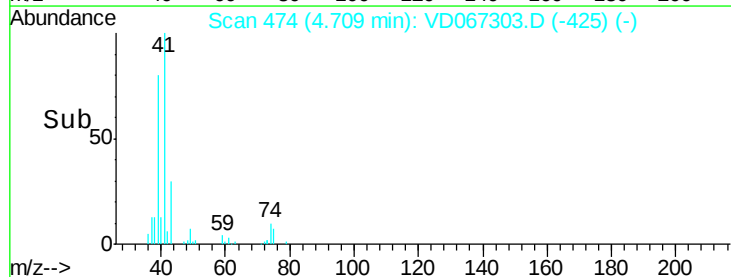
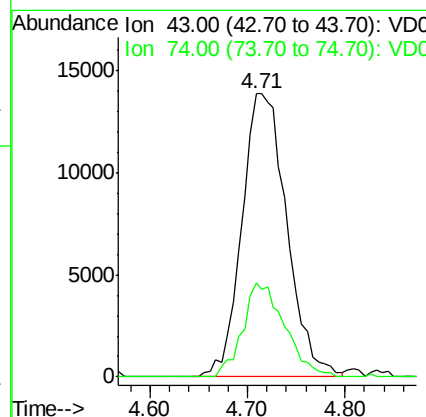
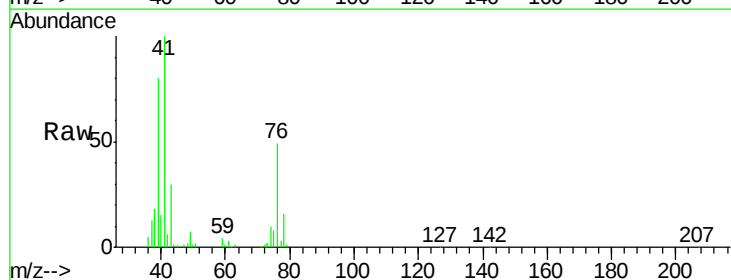
Acq: 19 Oct 2020 12:21

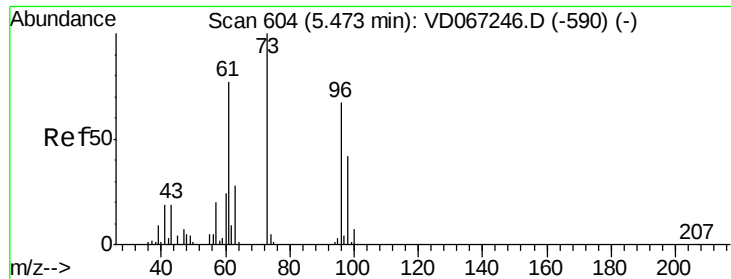
Tgt Ion: 43 Resp: 44641

Ion Ratio Lower Upper

43 100

74 31.0 26.6 39.8





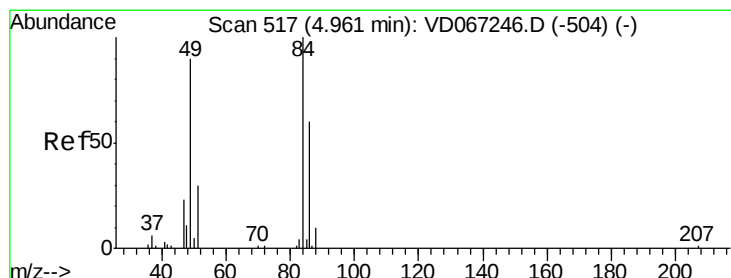
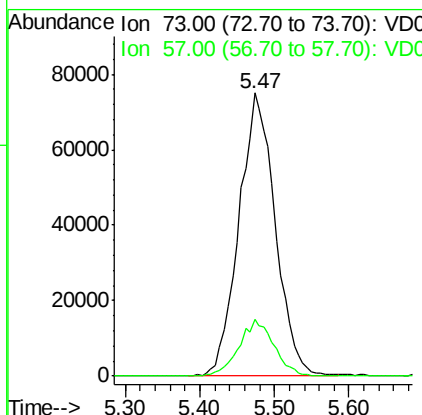
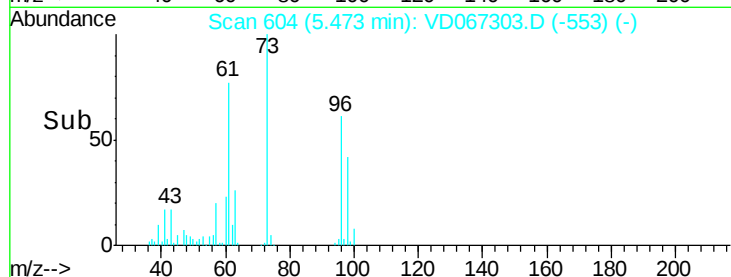
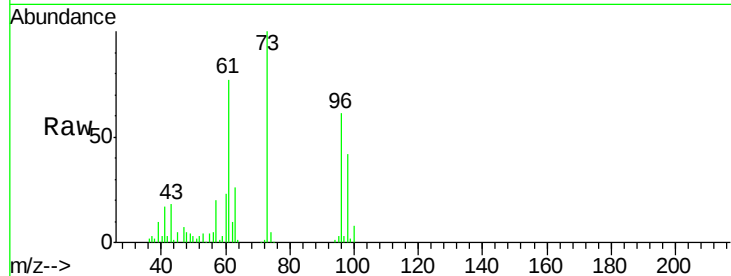
#19
Methyl tert-butyl Ether
Concen: 47.067 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 253676
Ion Ratio Lower Upper
73 100
57 20.3 15.7 23.5

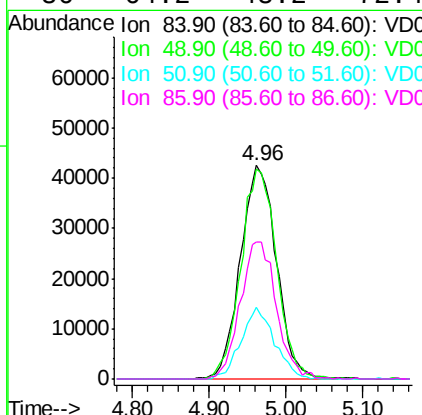
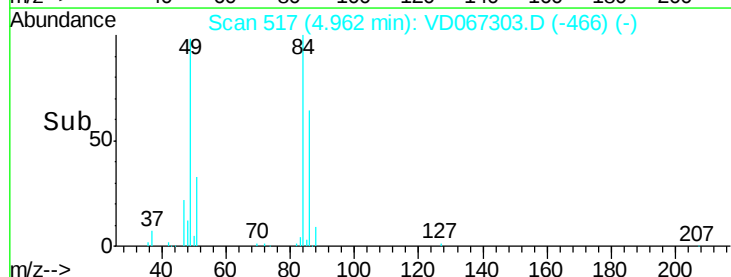
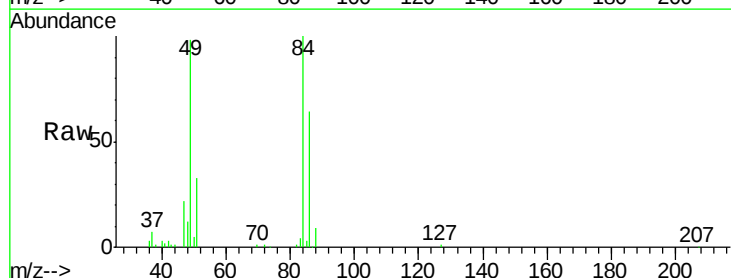
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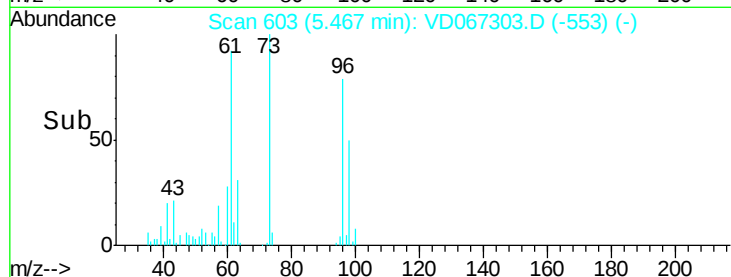
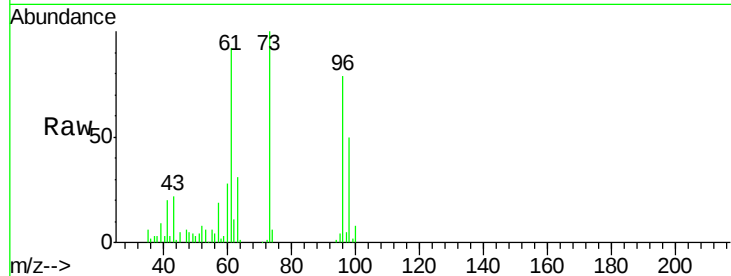
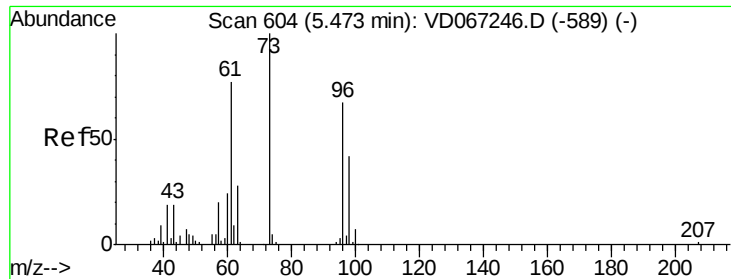
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#20
Methylene Chloride
Concen: 46.992 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion: 84 Resp: 139506
Ion Ratio Lower Upper
84 100
49 98.3 72.2 108.2
51 33.3 23.8 35.8
86 64.2 48.2 72.4





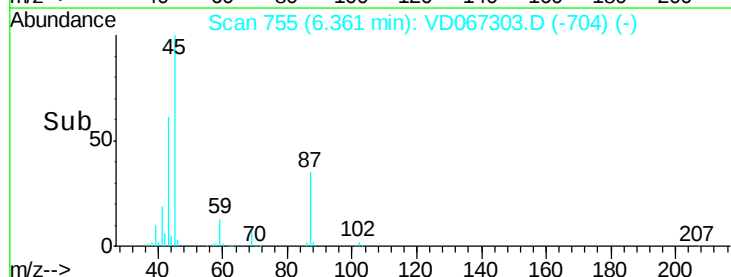
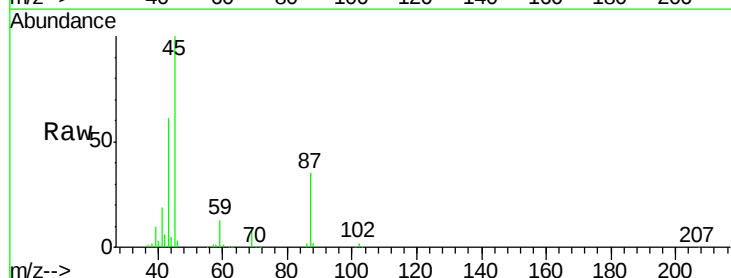
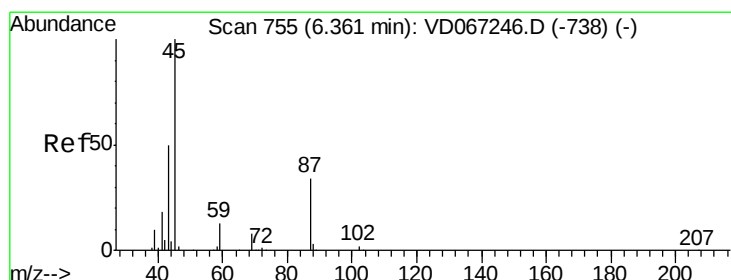
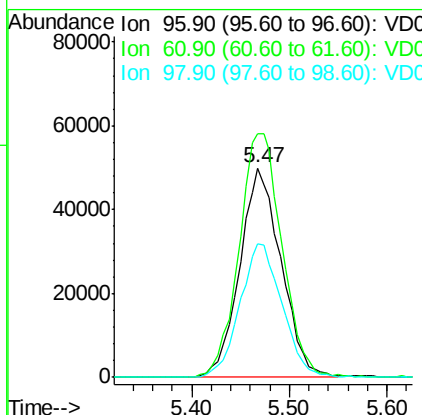
#21
trans-1,2-Dichloroethene
Concen: 47.252 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tot Ion	Ratio	Resp	Lower	Upper
96	100	147391		
61	116.2	92.0	138.0	
98	63.6	49.8	74.8	

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

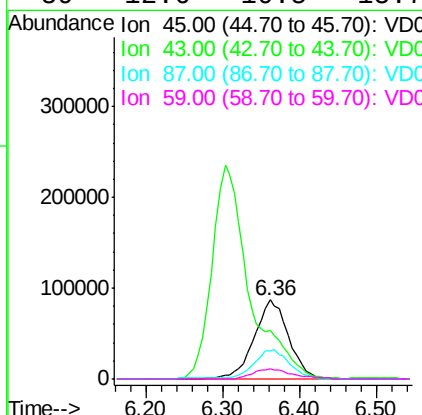
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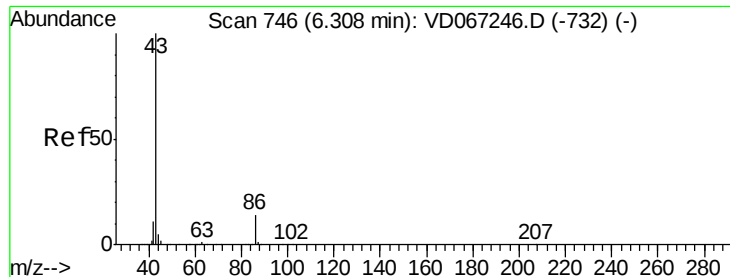
MMDadoda
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#22
Diisopropyl ether
Concen: 47.895 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	271588		
43	59.9	48.0	72.0	
87	35.1	28.5	42.7	
59	12.6	10.5	15.7	





#23

Vinyl Acetate

Concen: 245.835 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 793077

Ion Ratio Lower Upper

43 100

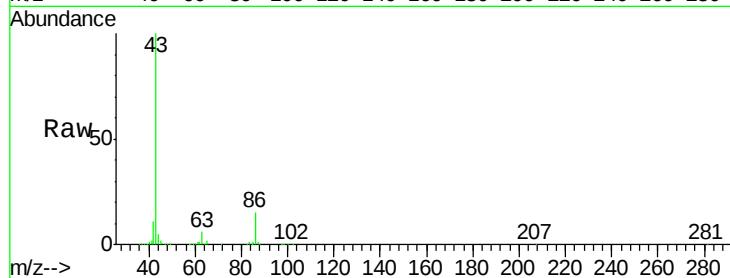
86 14.5 11.0 16.6

Manual Integrations

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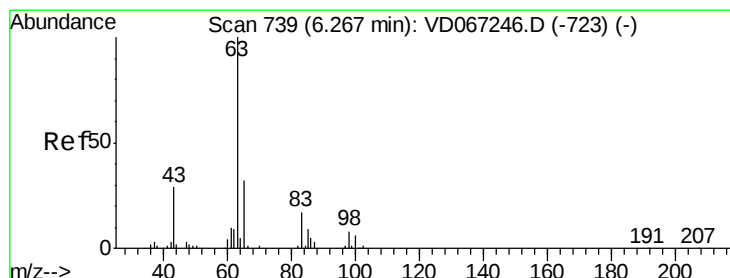
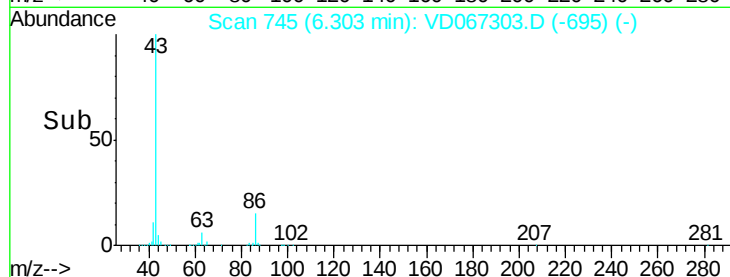
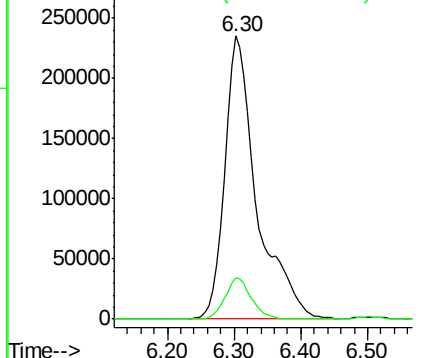
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.846 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

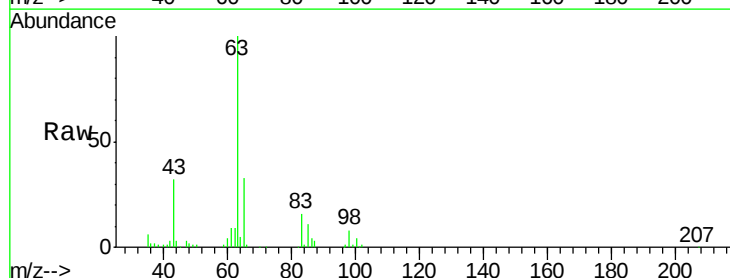
Tgt Ion: 63 Resp: 227391

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

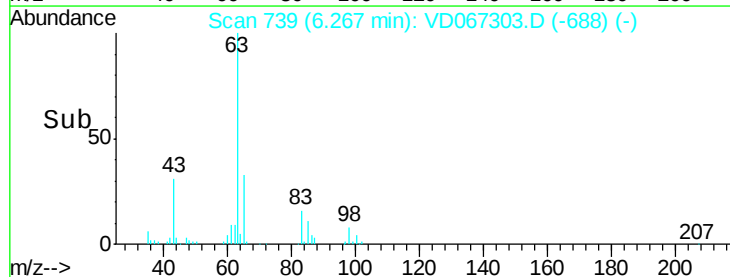
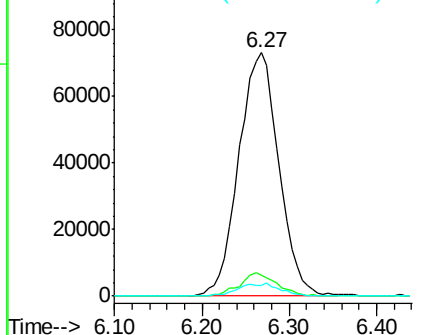
100 4.4 2.8 8.4

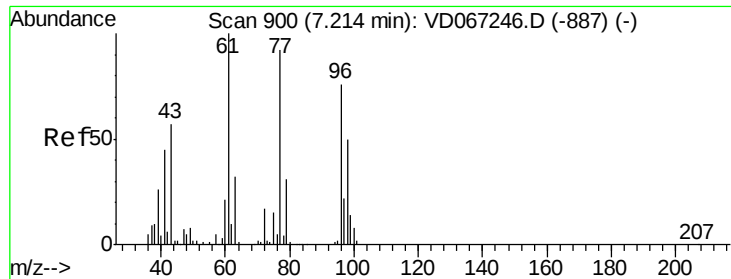


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 230.495 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 121075

Ion Ratio Lower Upper

43 100

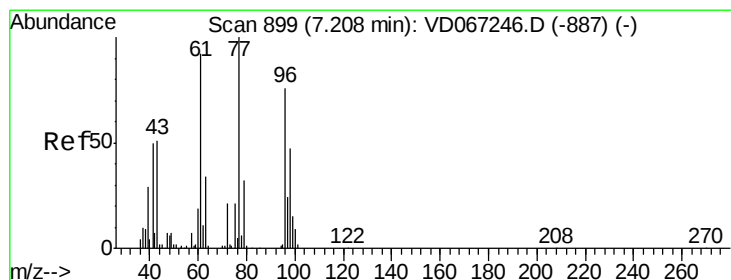
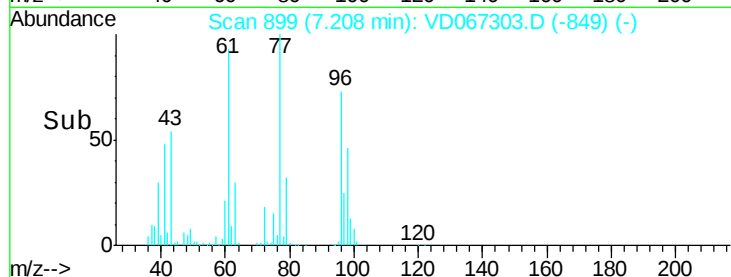
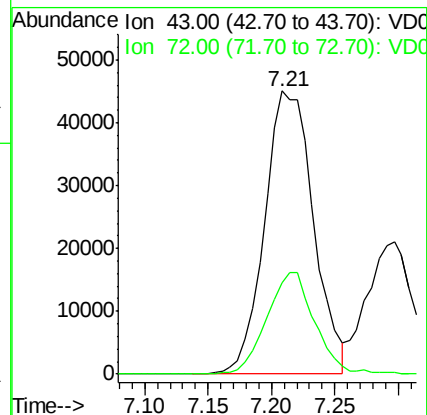
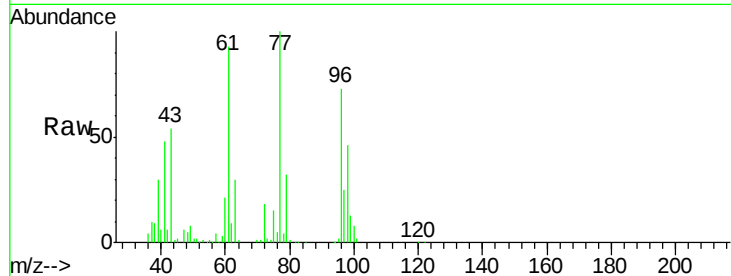
72 32.4 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.505 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067303.D

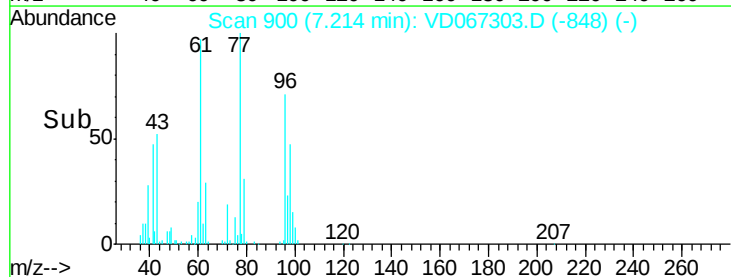
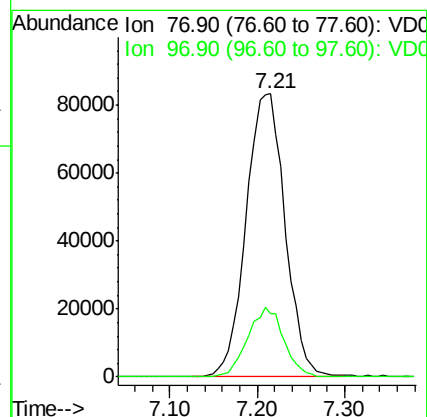
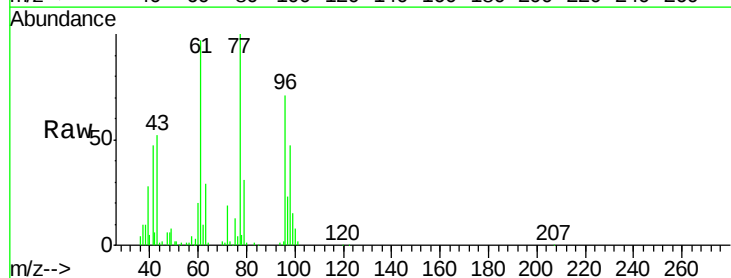
Acq: 19 Oct 2020 12:21

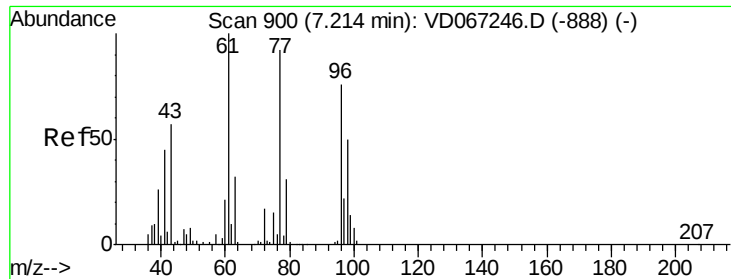
Tgt Ion: 77 Resp: 252682

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

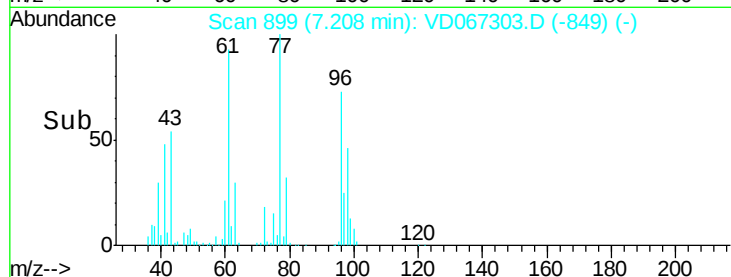
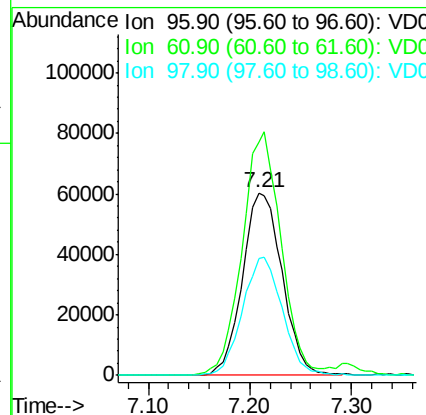
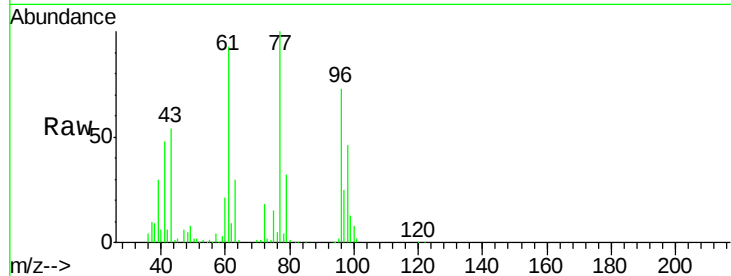
cis-1,2-Dichloroethene
Concen: 47.874 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163665		
61	130.6	0.0	255.4	
98	65.1	0.0	128.0	

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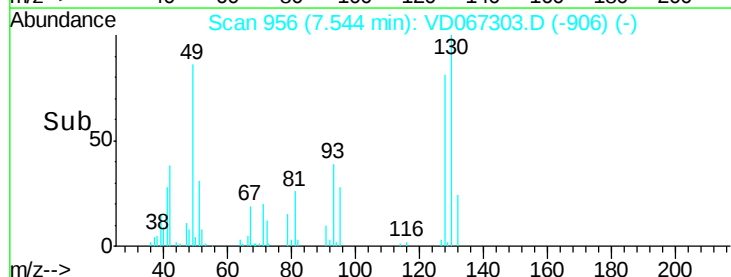
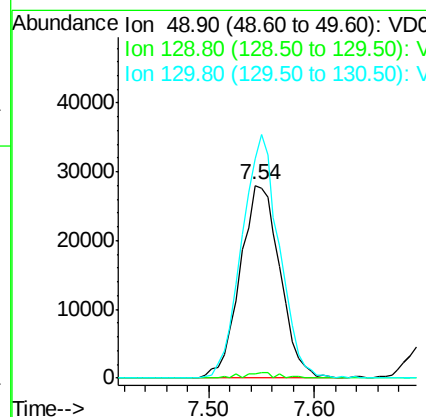
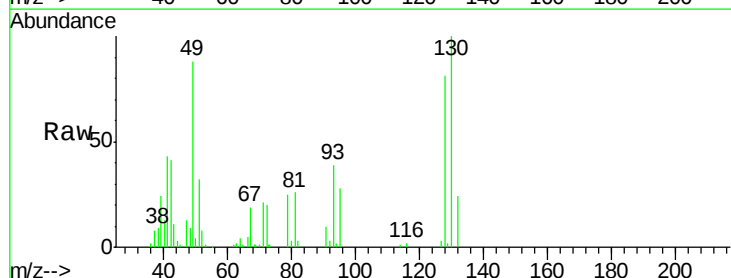
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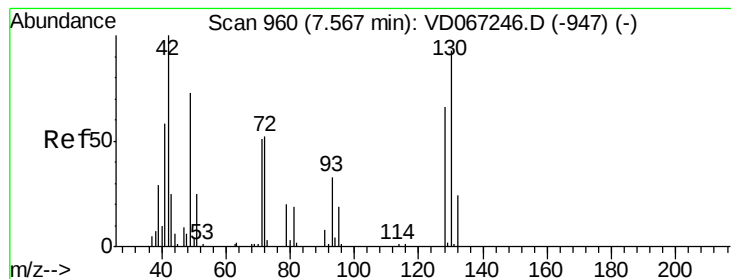


#28

Bromochloromethane
Concen: 44.215 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73204		
129	2.4	0.0	1.6#	
130	118.7	91.0	136.6	





#29

Tetrahydrofuran

Concen: 233.923 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

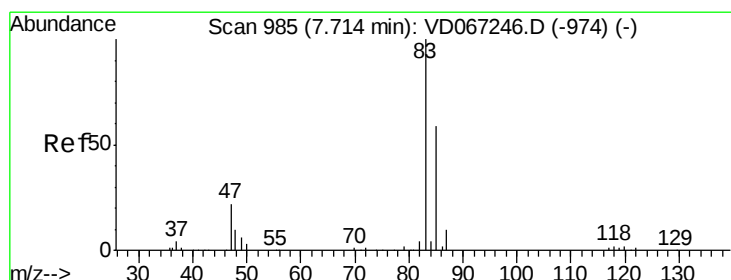
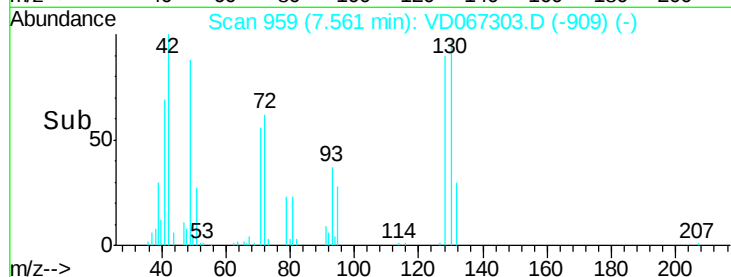
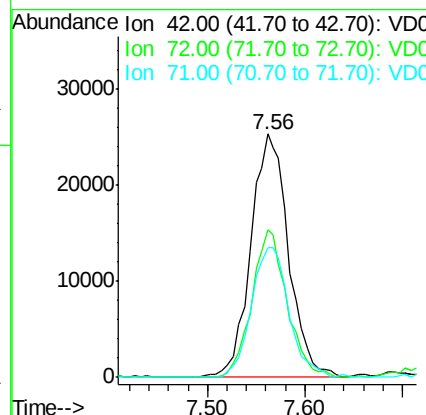
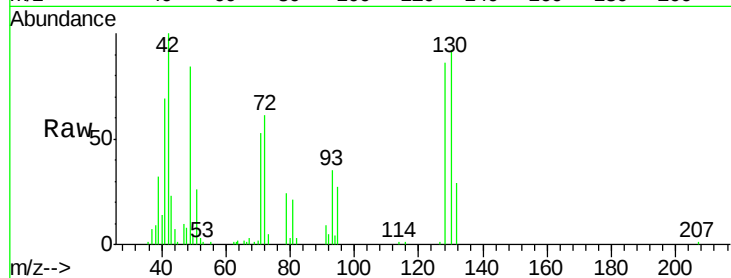
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	68304
Ion Ratio	Lower	Upper	
42	100		
72	56.5	43.2	64.8
71	53.2	39.4	59.0

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#30

Chloroform

Concen: 48.535 ug/l

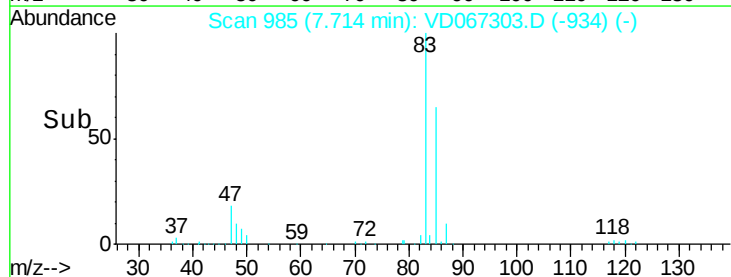
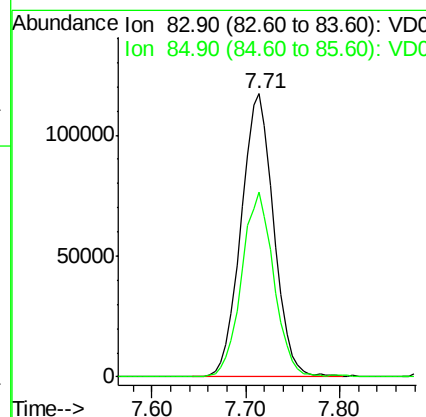
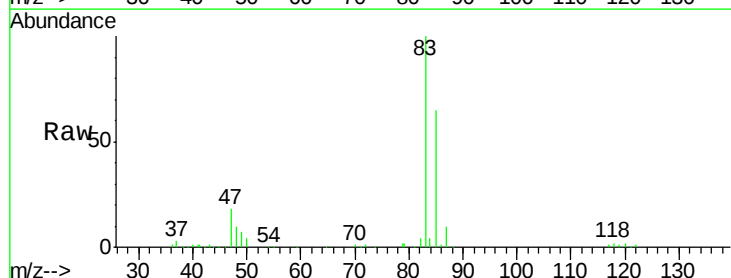
RT: 7.71 min Scan# 985

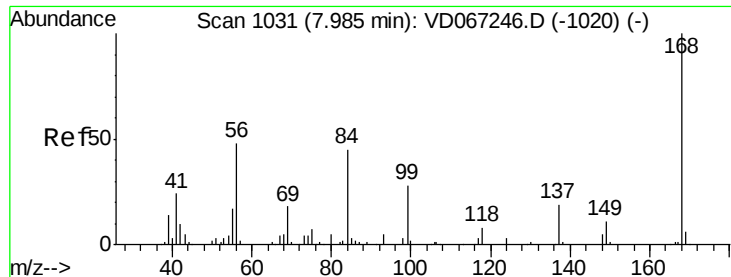
Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Tgt Ion:	83	Resp:	281433
Ion Ratio	Lower	Upper	
83	100		
85	65.3	47.3	70.9





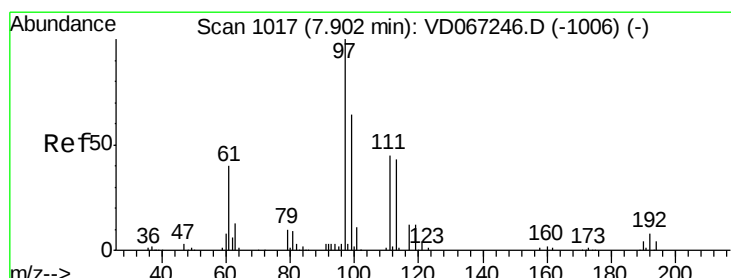
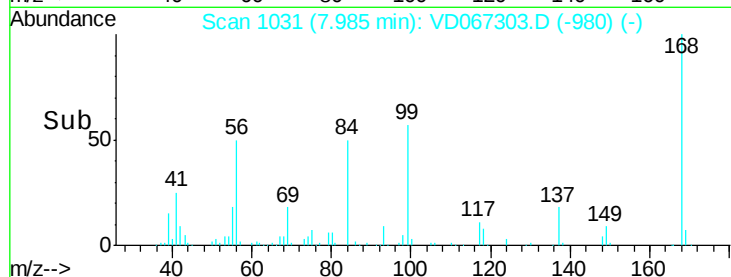
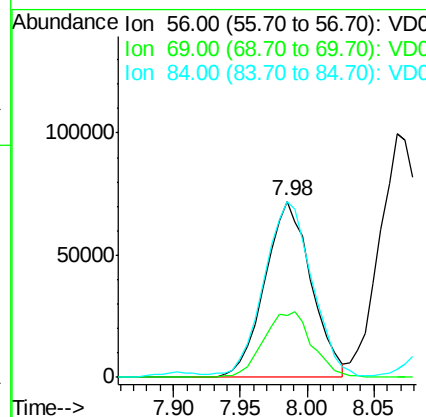
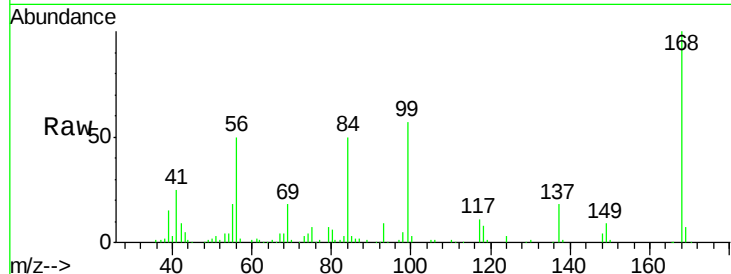
#31
Cyclohexane
Concen: 45.721 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	29.8	44.6
84	97.5	76.6	114.8

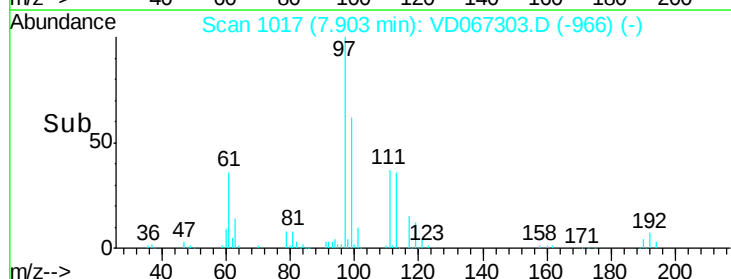
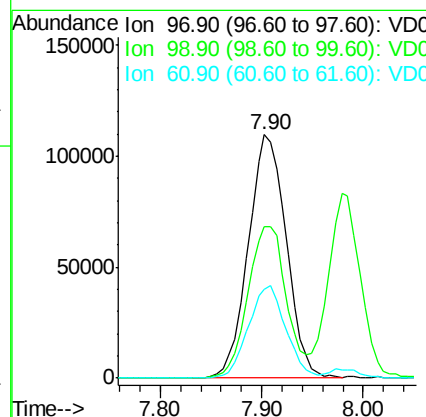
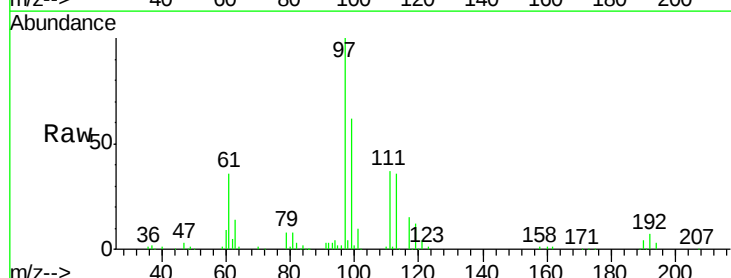
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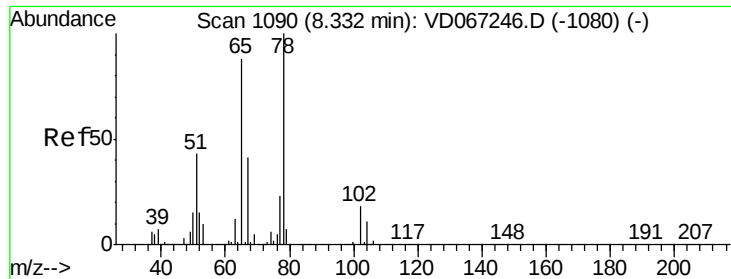
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#32
1,1,1-Trichloroethane
Concen: 50.119 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.2	75.4
61	37.5	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 44.314 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 145810

Ion Ratio Lower Upper

65 100

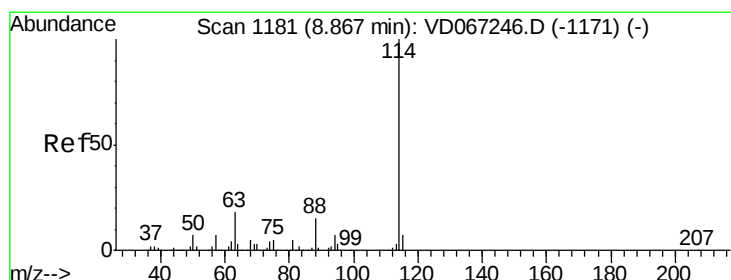
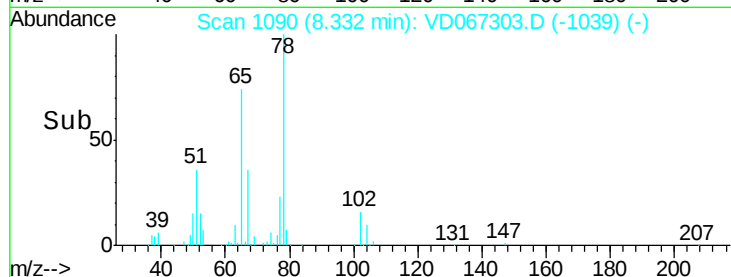
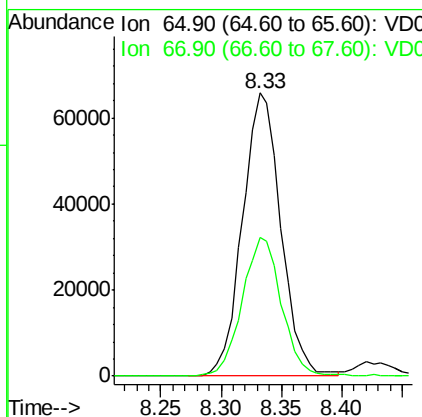
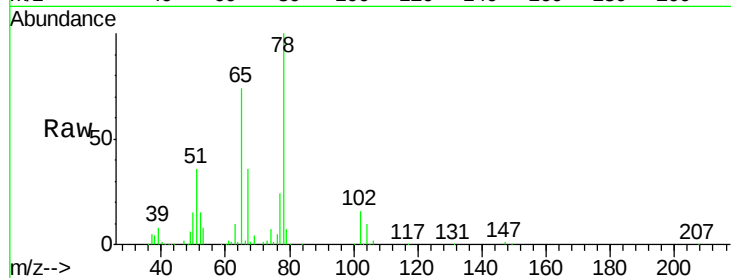
67 49.8 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

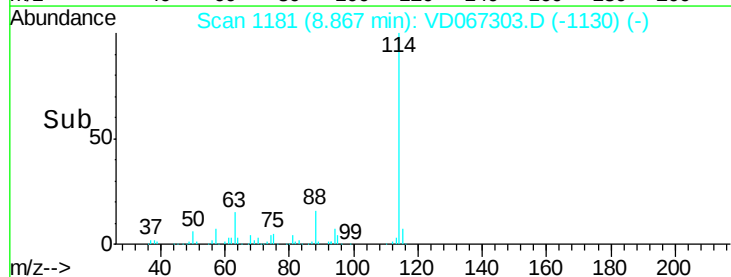
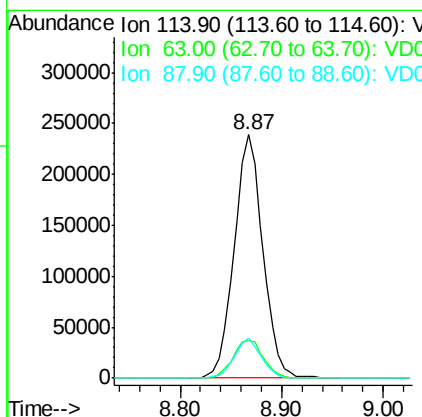
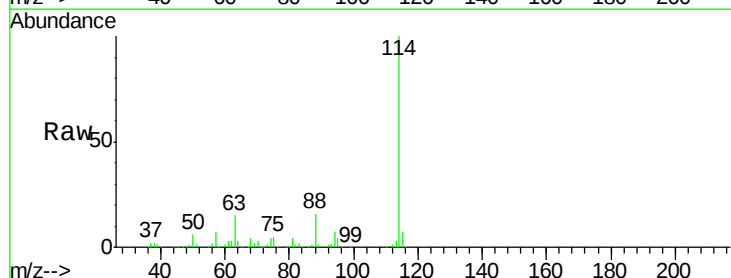
Tgt Ion: 114 Resp: 468017

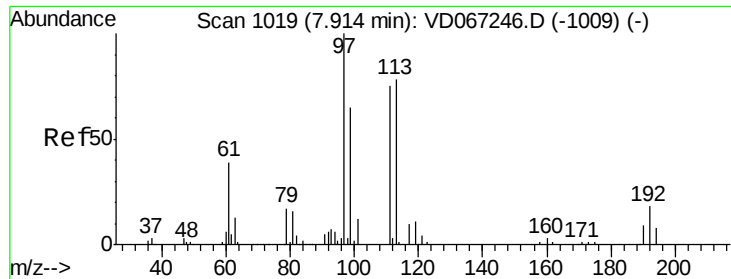
Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.0

88 16.2 0.0 30.6





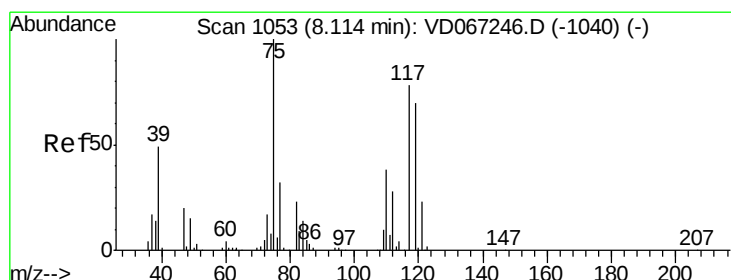
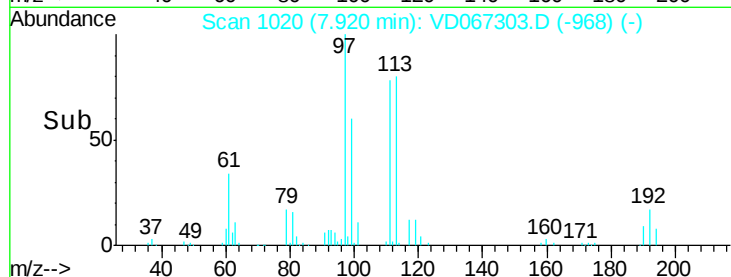
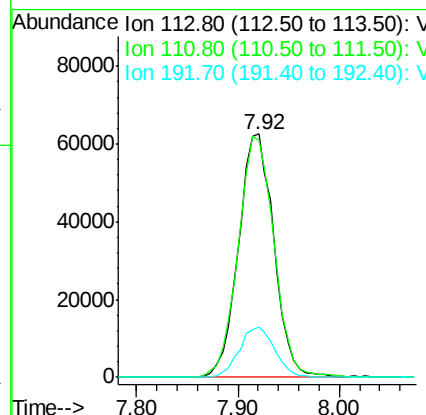
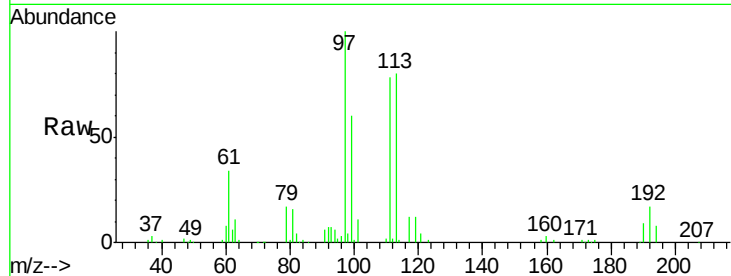
#35
Dibromofluoromethane
Concen: 48.488 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151023		
111	100.9	81.6	122.4	
192	20.8	17.0	25.4	

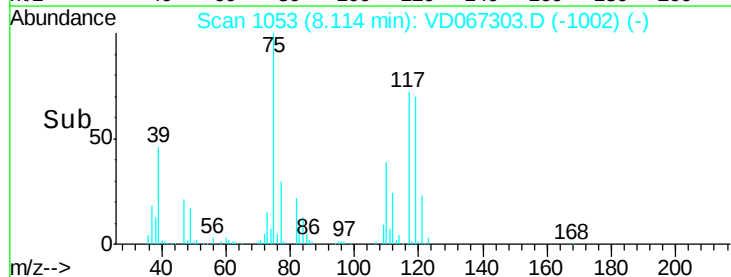
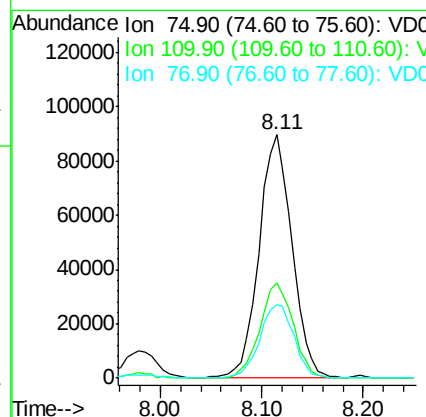
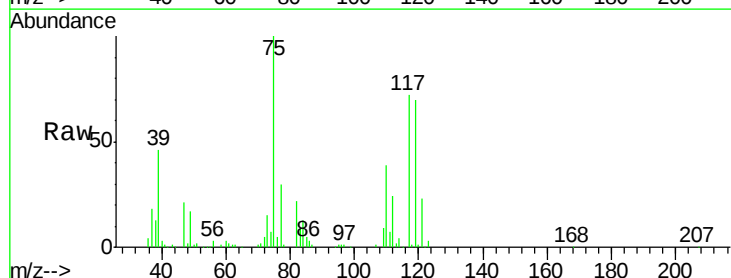
Manual Integrations
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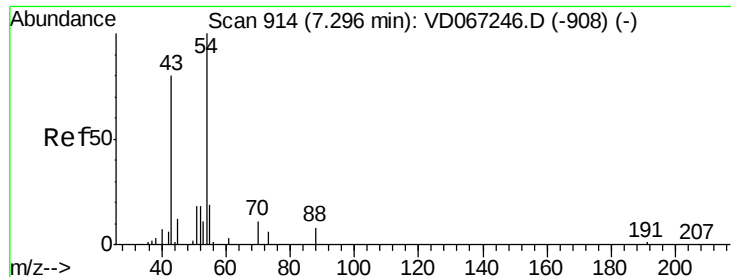
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#36
1,1-Dichloropropene
Concen: 51.198 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	203089		
110	39.2	19.6	58.7	
77	31.2	24.6	37.0	





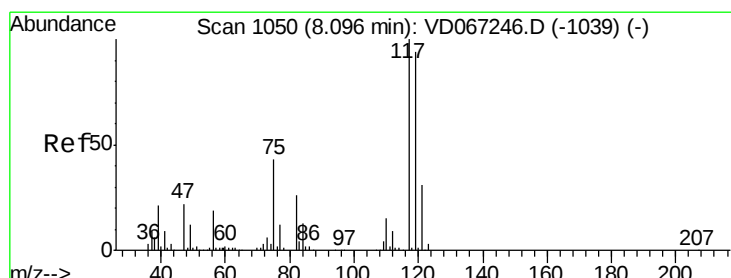
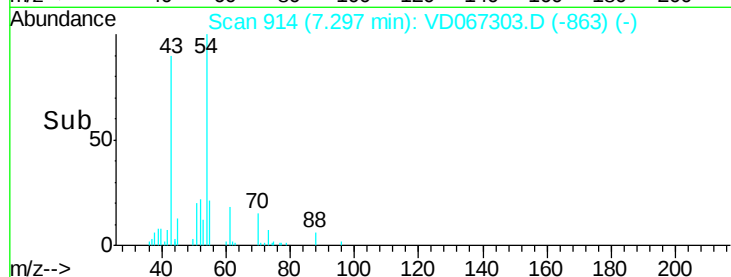
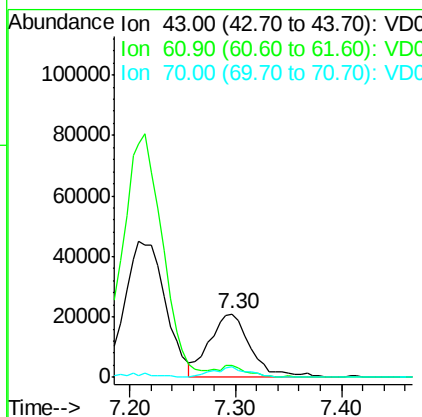
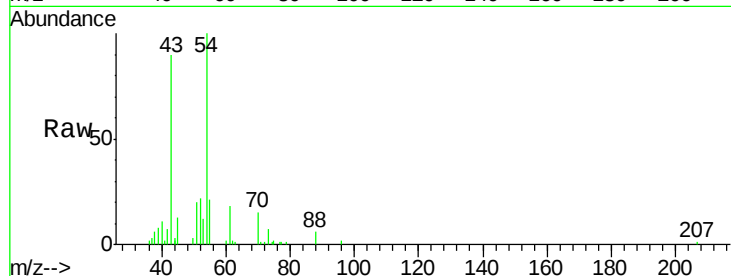
#37
Ethyl Acetate
Concen: 47.915 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	15.6	23.4#
70	14.5	10.4	15.6

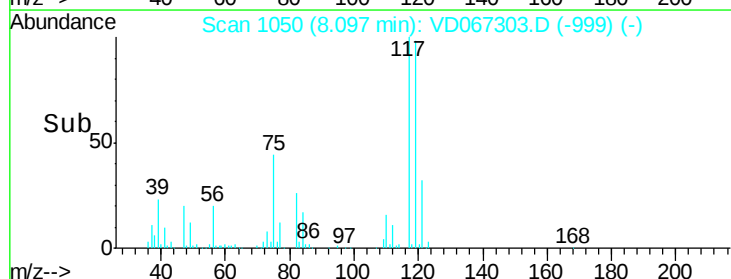
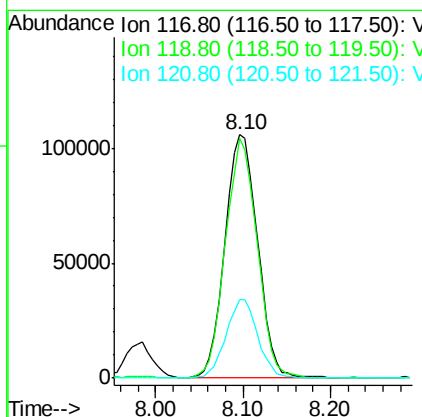
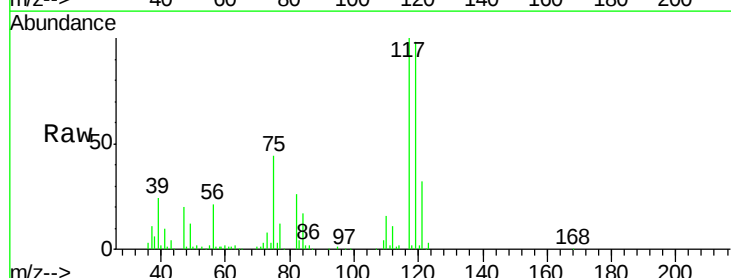
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 53.433 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.0	112.4
121	32.0	24.9	37.3





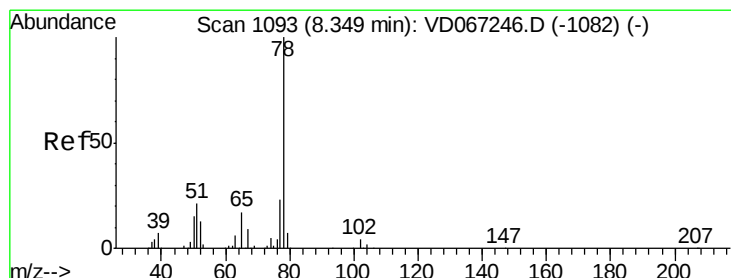
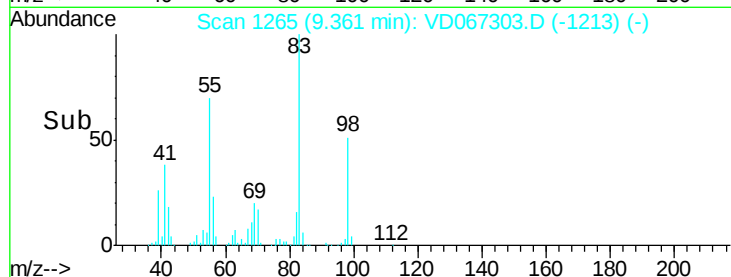
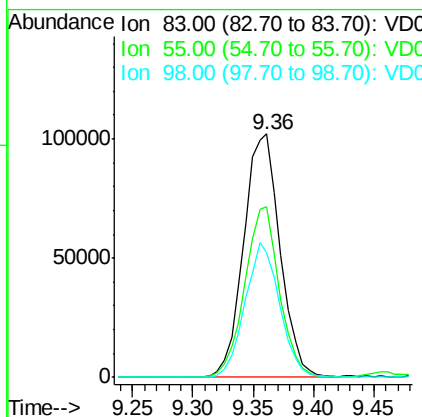
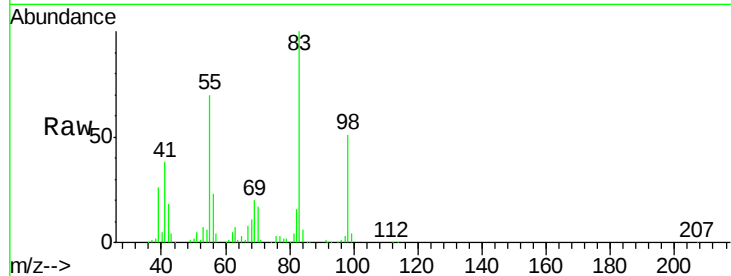
#39
Methvlcvclohexane
Concen: 51.648 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	214180		
55	70.1	53.3	79.9	
98	50.9	41.0	61.4	

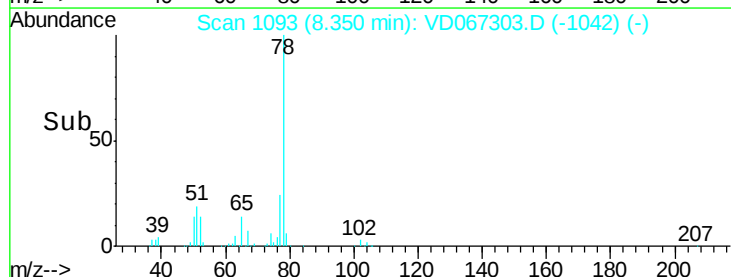
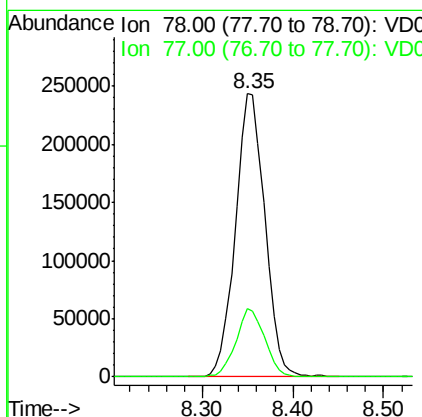
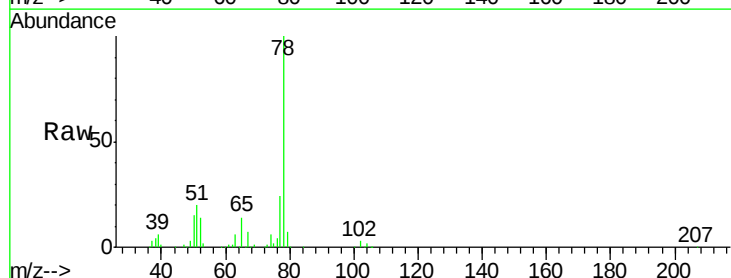
Manual Integrations
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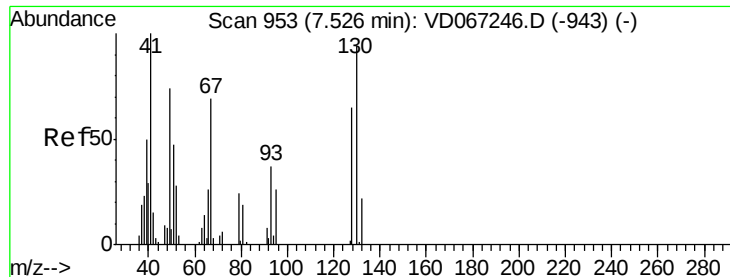
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#40
Benzene
Concen: 50.715 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	551902		
77	24.3	18.3	27.5	





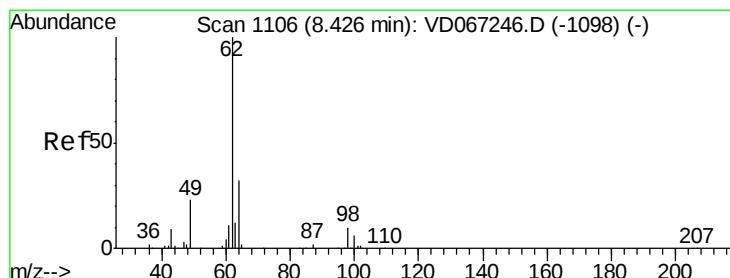
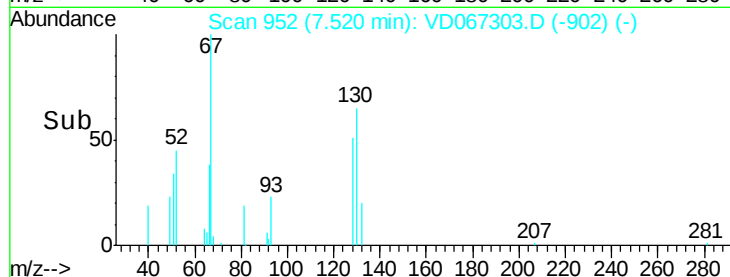
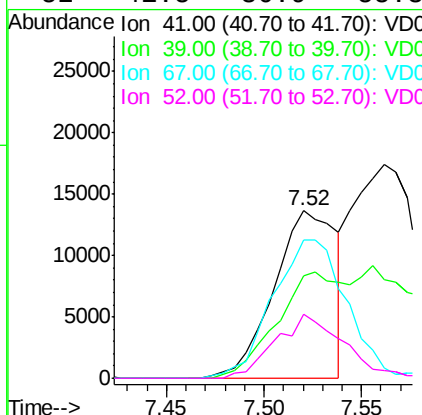
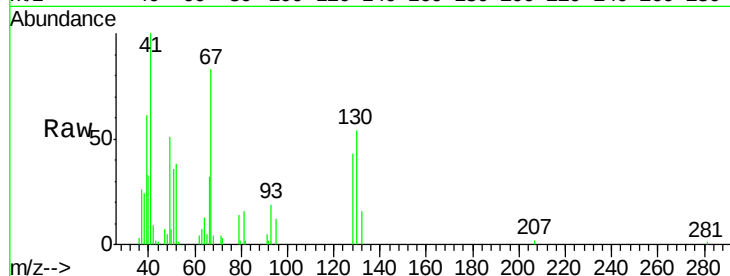
#41
Methacrylonitrile
Concen: 48.047 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	30302
Ion Ratio	Lower	Upper	
41	100		
39	70.7	60.0	90.0
67	98.2	88.9	133.3
52	41.5	36.9	55.3

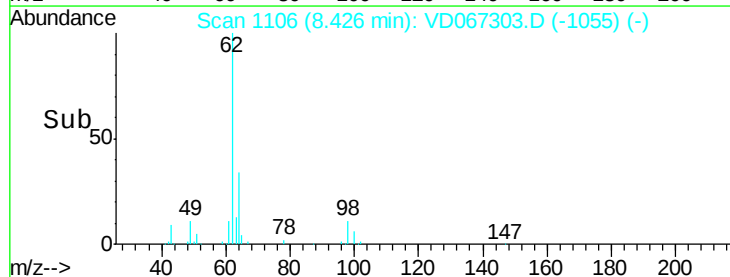
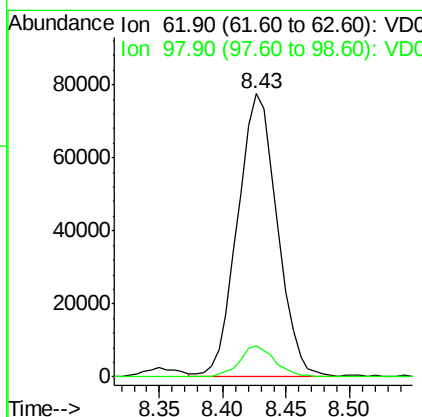
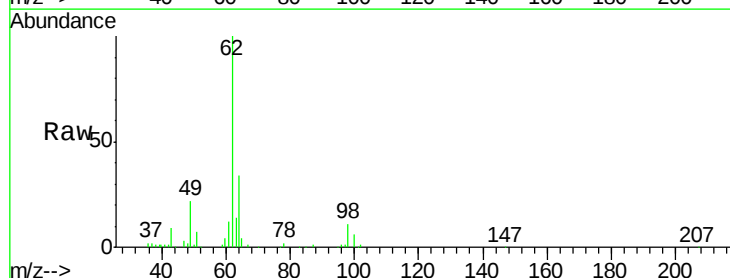
Manual Integrations
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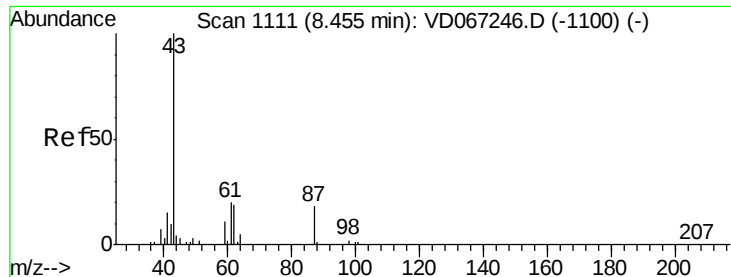
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#42
1,2-Dichloroethane
Concen: 49.389 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	62	Resp	168199
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 48.536 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

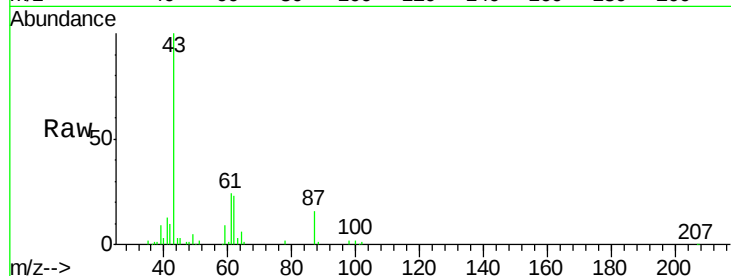
ClientSampleId :

VSTDCCC050

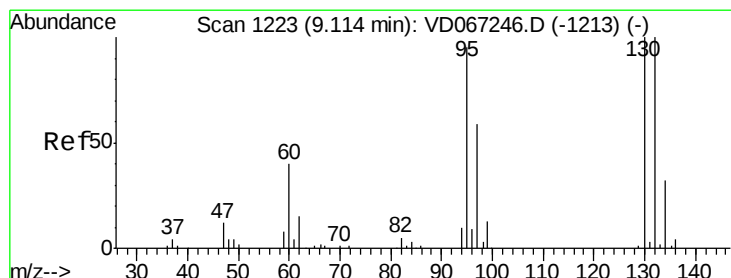
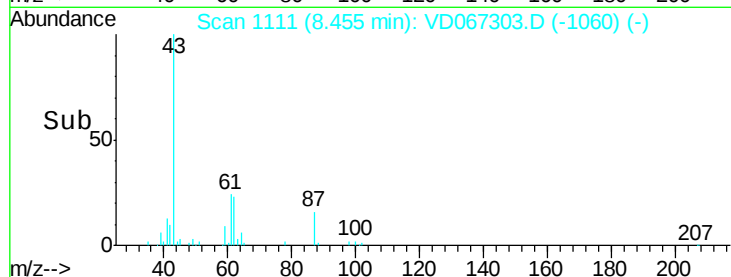
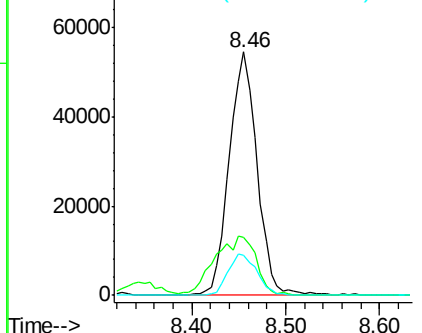
Tot Ion:	43	Resp:	112401
Ion	Ratio	Lower	Upper
43	100		
61	36.5	29.5	44.3
87	17.6	14.2	21.4

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



#44

Trichloroethene

Concen: 50.865 ug/l

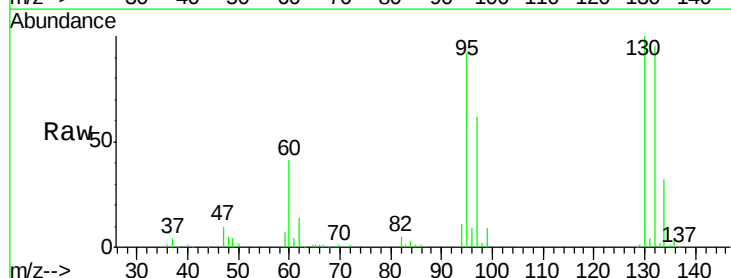
RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

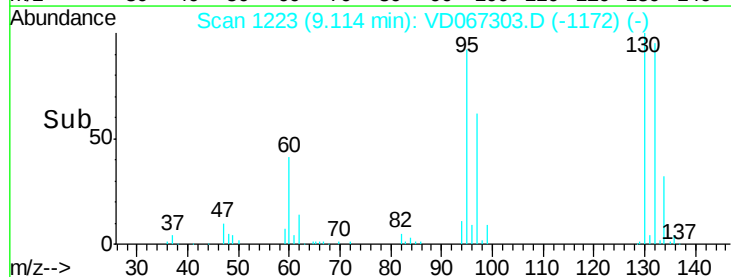
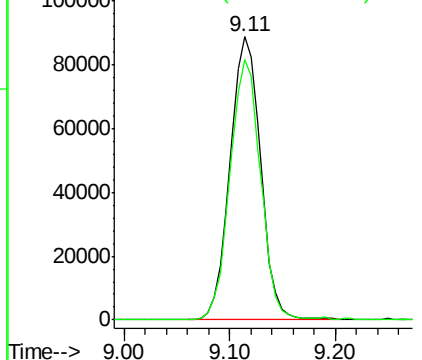
Lab File: VD067303.D

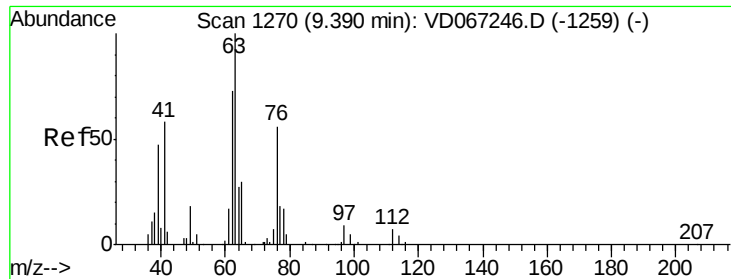
Acq: 19 Oct 2020 12:21

Tgt Ion:	130	Resp:	177227
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	190.6



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





#45

1,2-Dichloropropane

Concen: 47.986 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 121025

Ion Ratio Lower Upper

63 100

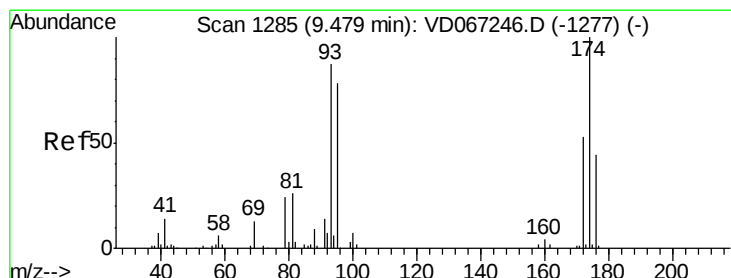
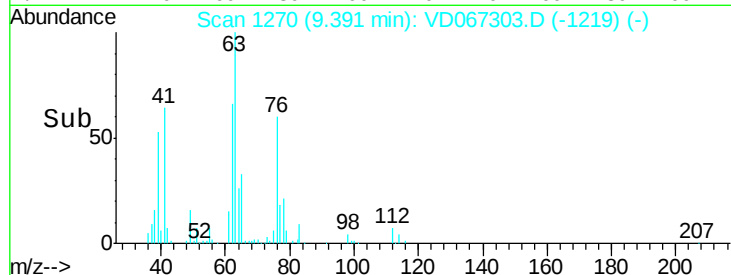
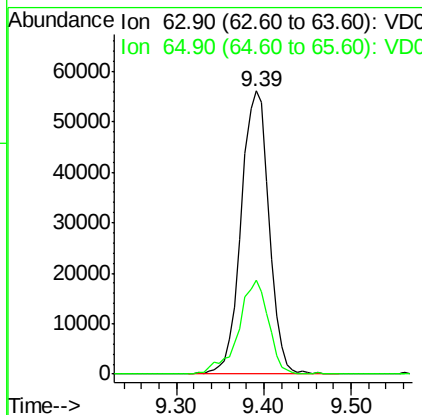
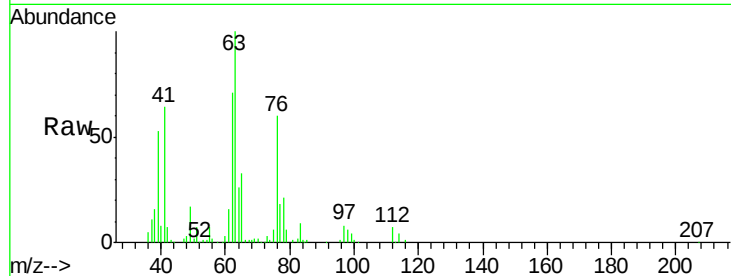
65 33.1 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.284 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

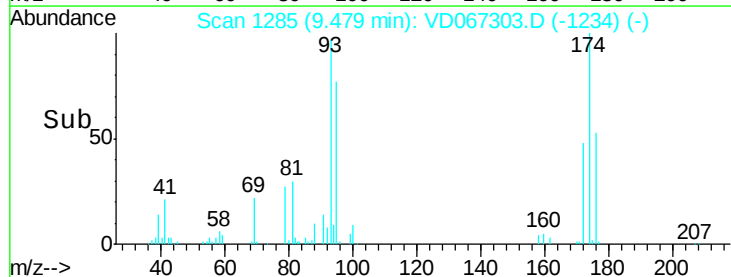
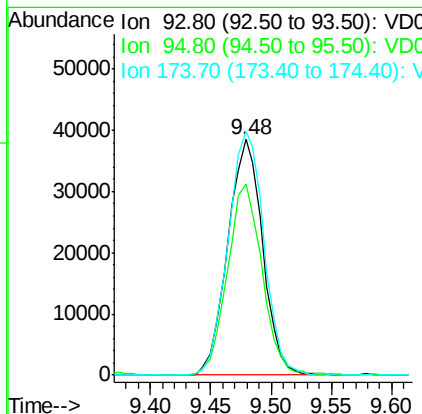
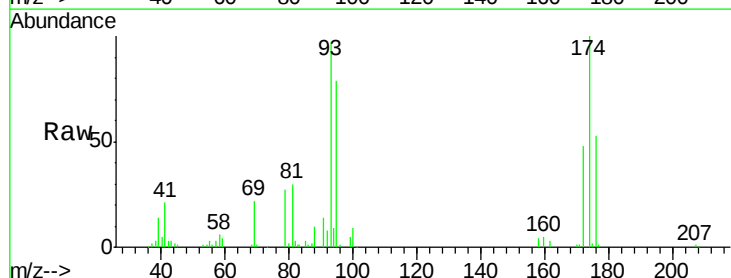
Tgt Ion: 93 Resp: 77444

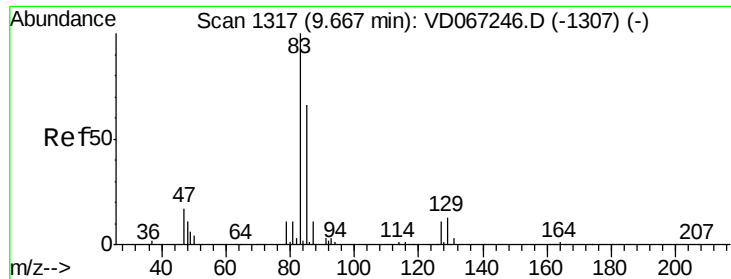
Ion Ratio Lower Upper

93 100

95 80.5 68.0 102.0

174 106.3 91.8 137.6





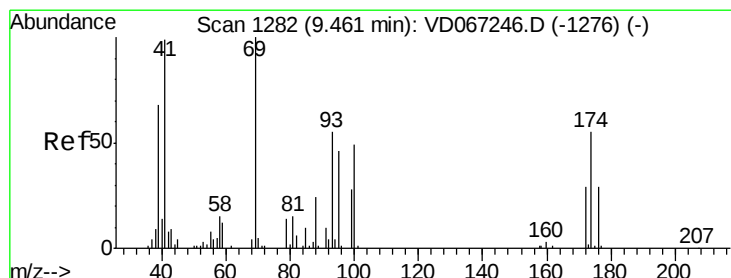
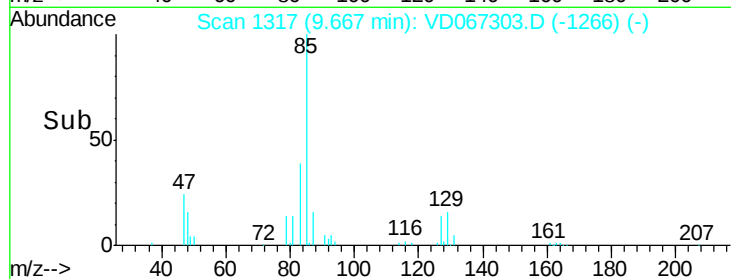
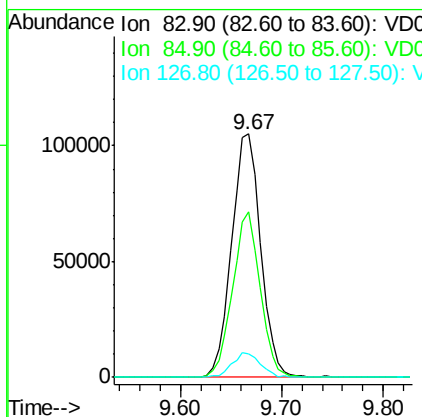
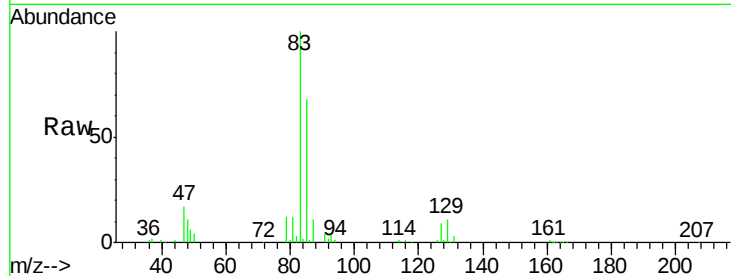
#47
Bromodichloromethane
Concen: 49.670 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	209115		
85	68.0		53.1	79.7
127	9.4		8.6	13.0

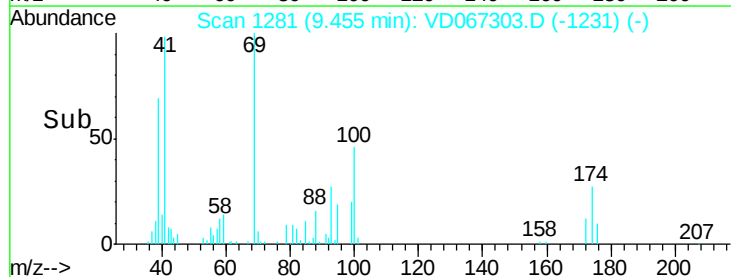
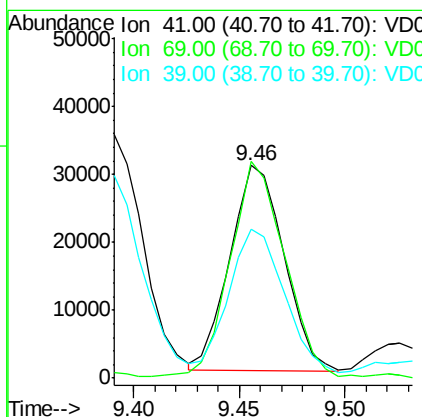
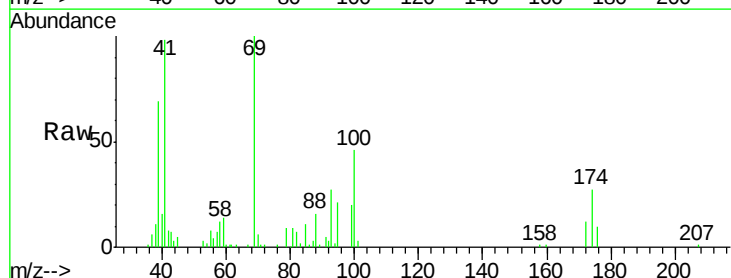
Manual Integrations
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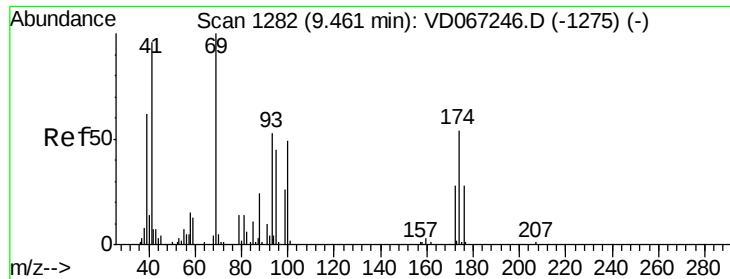
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#48
Methyl methacrylate
Concen: 47.776 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	53767		
69	105.9		89.0	133.6
39	77.9		60.2	90.2





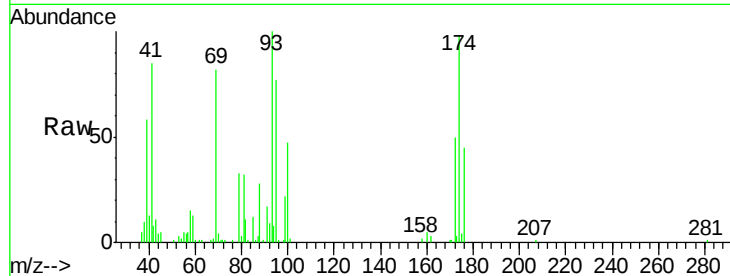
#49
1,4-Dioxane
Concen: 1030.741 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

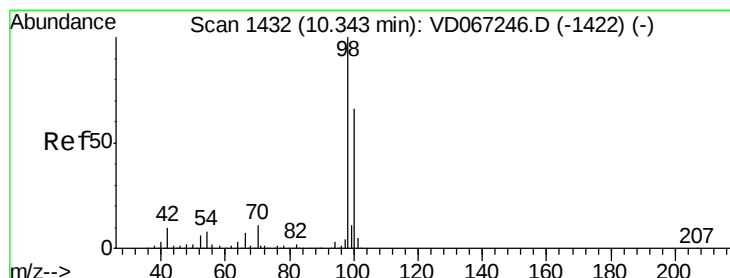
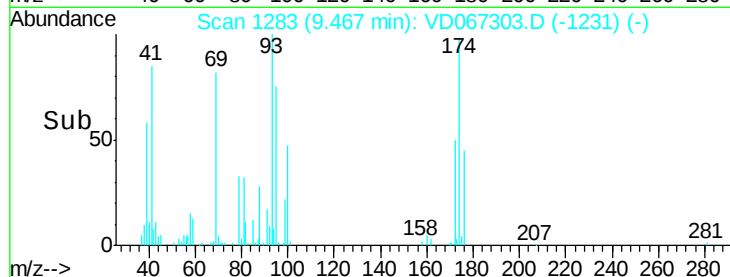
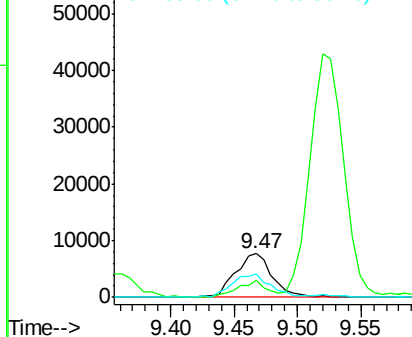
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	23.9	35.9
58	56.8	51.0	76.6

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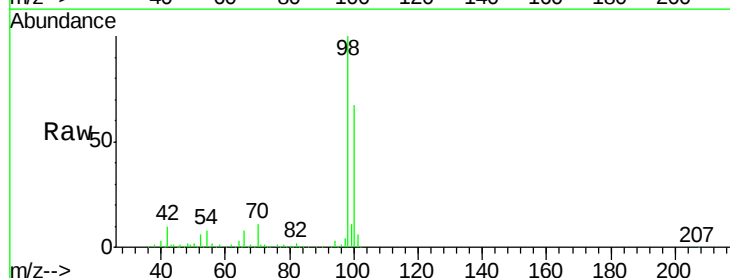


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

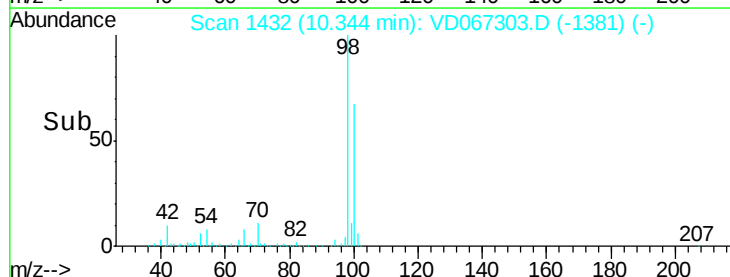
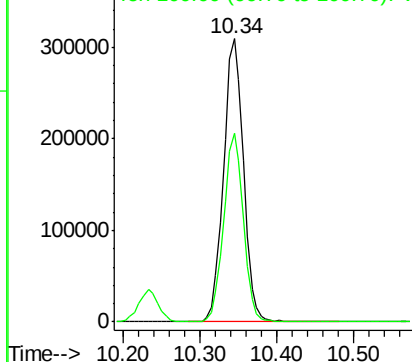


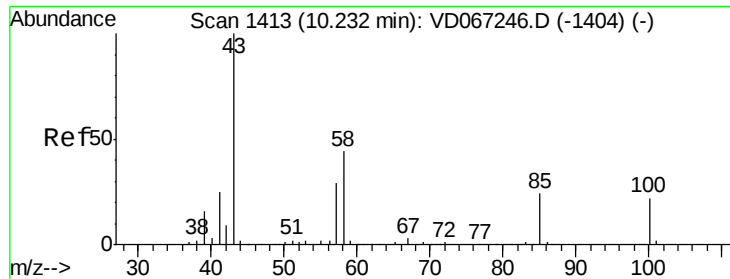
#50
Toluene-d8
Concen: 49.534 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 241.380 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 278807

Ion Ratio Lower Upper

43 100

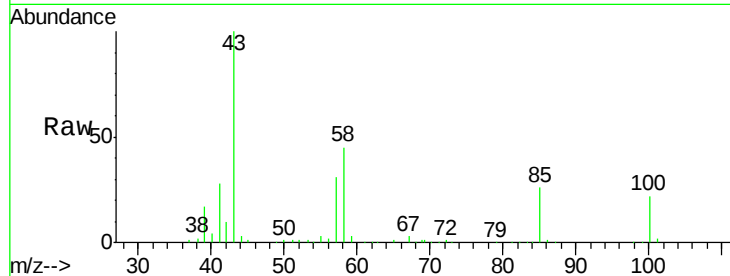
58 43.9 35.7 53.5

Manual Integrations

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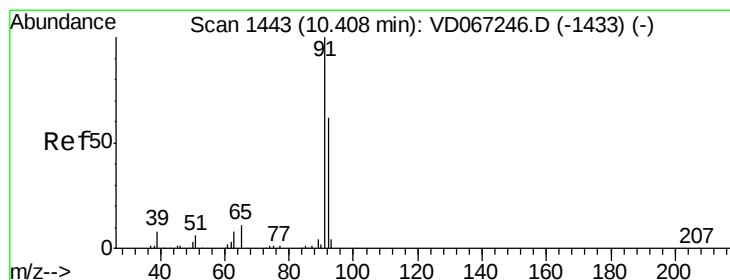
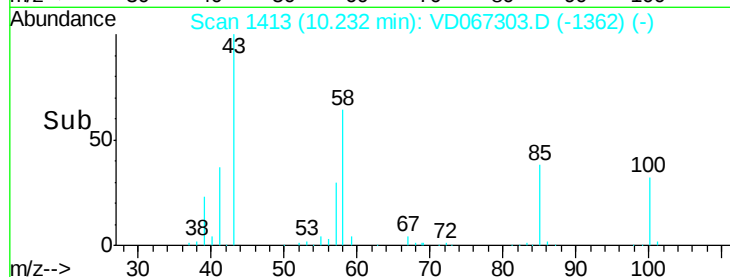
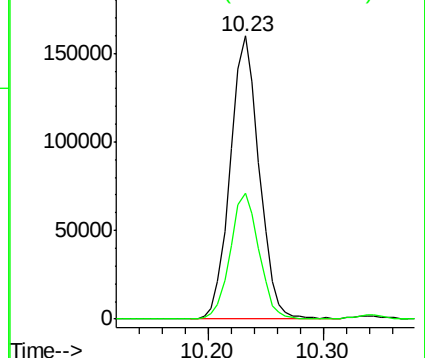
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.673 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067303.D

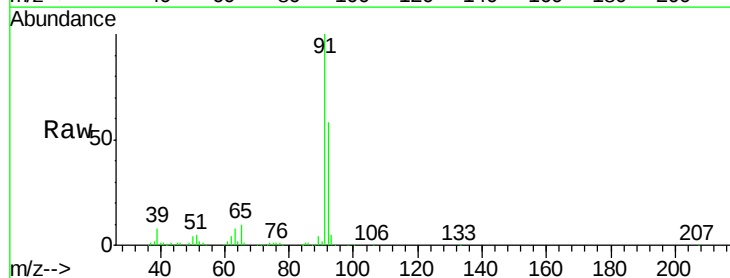
Acq: 19 Oct 2020 12:21

Tgt Ion: 92 Resp: 382998

Ion Ratio Lower Upper

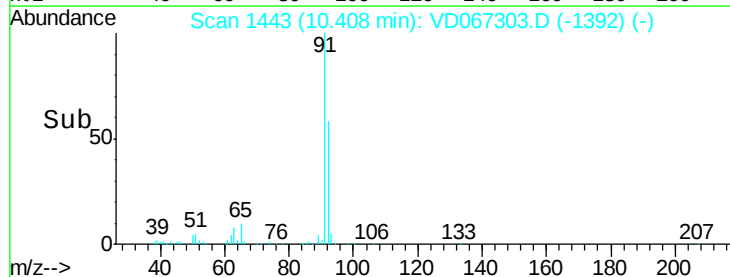
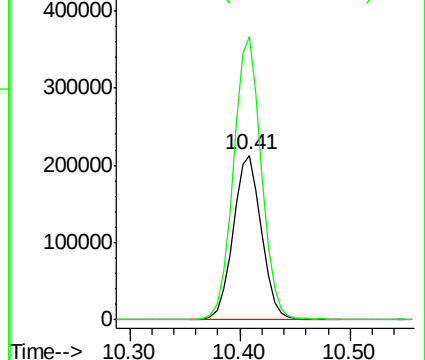
92 100

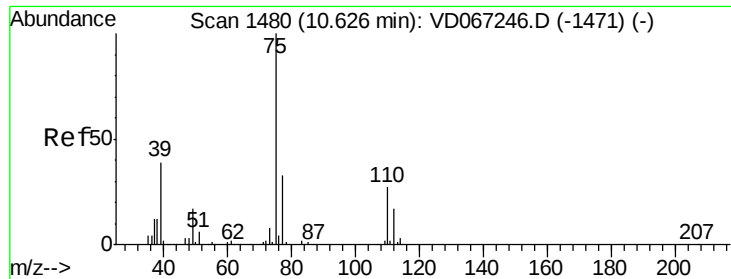
91 169.4 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





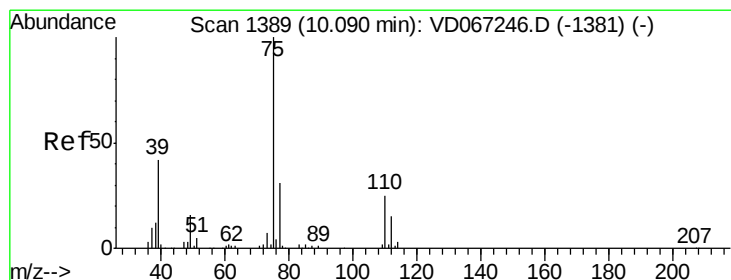
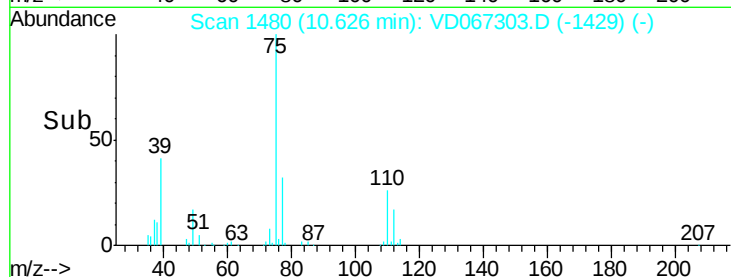
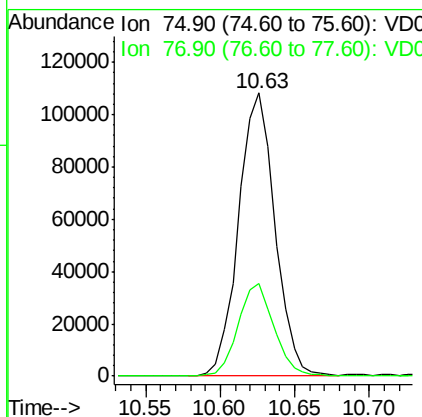
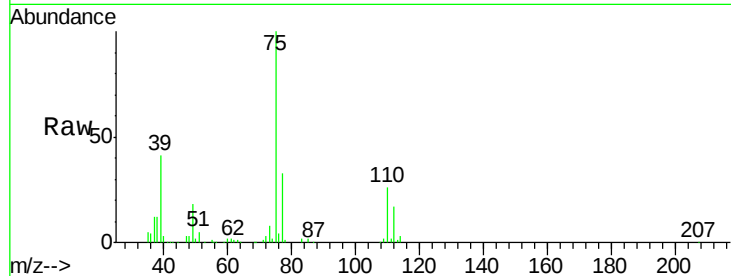
#53
t-1,3-Dichloropropene
Concen: 49.551 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 183258
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7

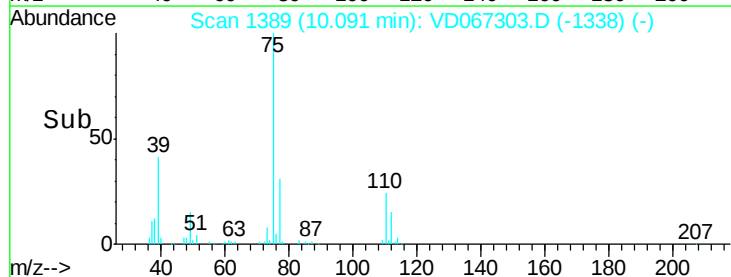
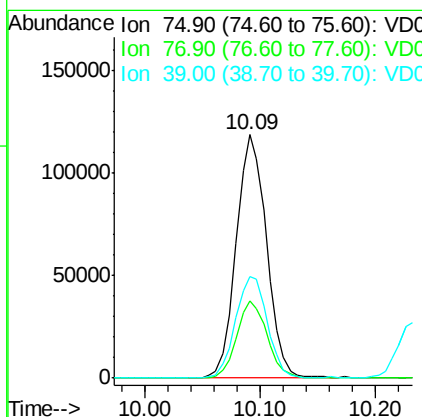
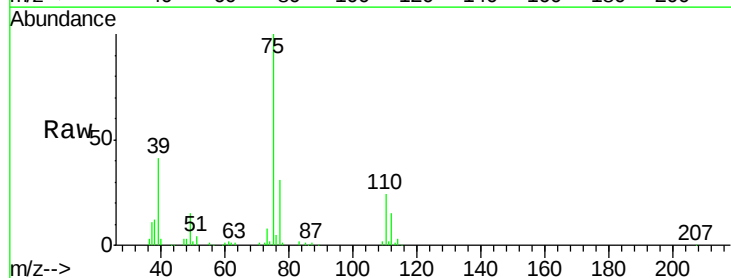
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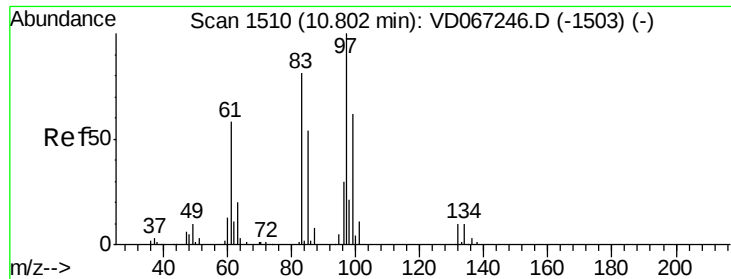
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#54
cis-1,3-Dichloropropene
Concen: 49.913 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion: 75 Resp: 216034
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7
39 41.1 33.7 50.5





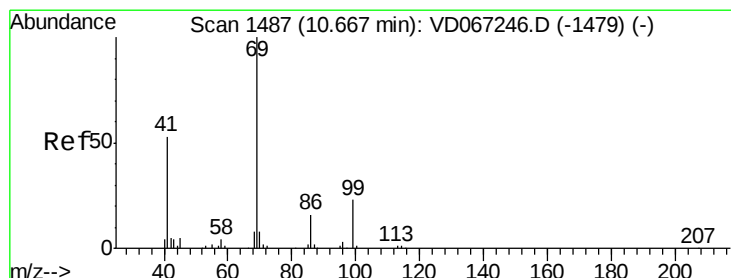
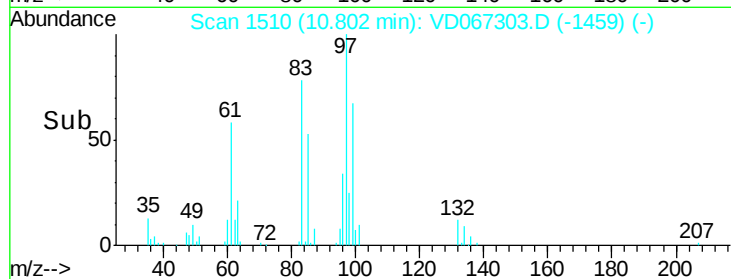
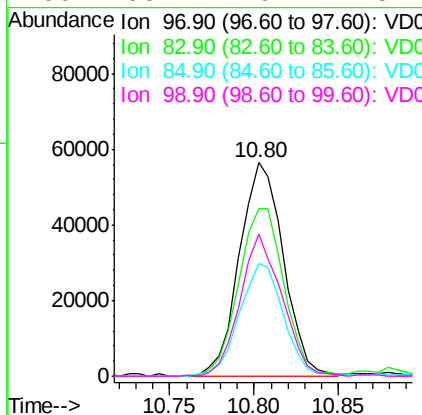
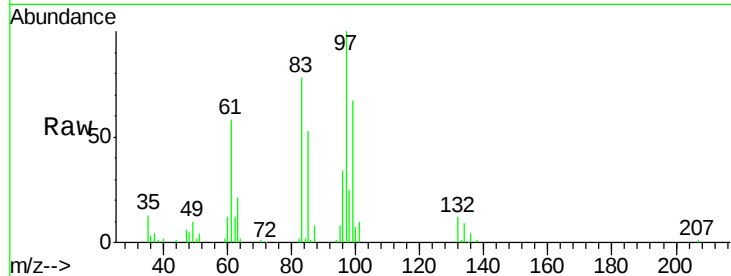
#55
 1,1,2-Trichloroethane
 Concen: 47.841 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	102514
Ion	Ratio	Lower	Upper
97	100		
83	78.3	64.9	97.3
85	52.7	43.3	64.9
99	66.2	49.1	73.7

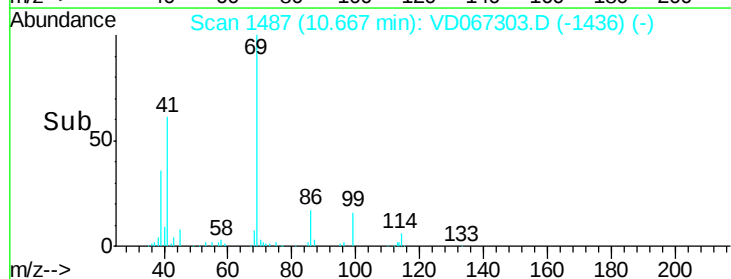
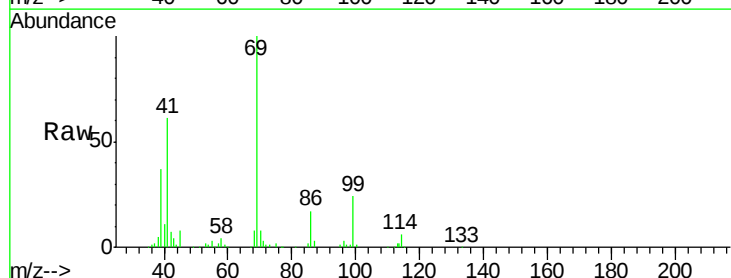
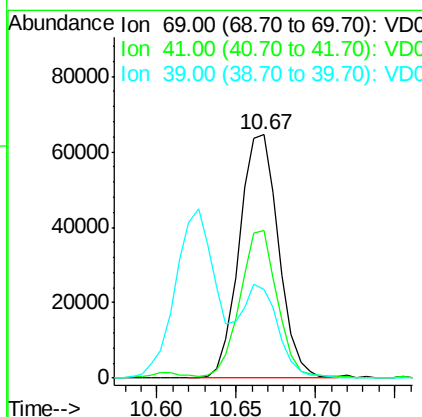
Manual Integrations
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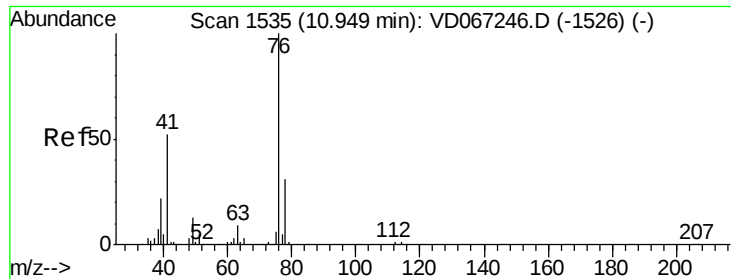
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#56
 Ethyl methacrylate
 Concen: 49.927 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	69	Resp	110954
Ion	Ratio	Lower	Upper
69	100		
41	57.7	44.7	67.1
39	33.3	26.2	39.2





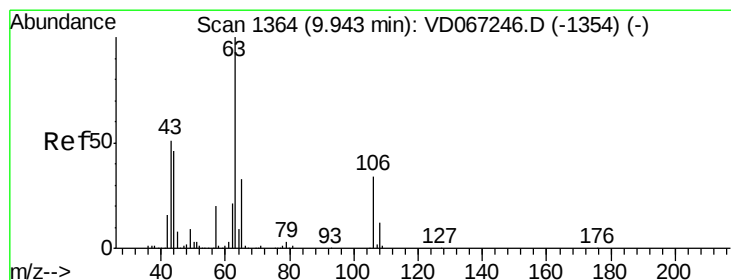
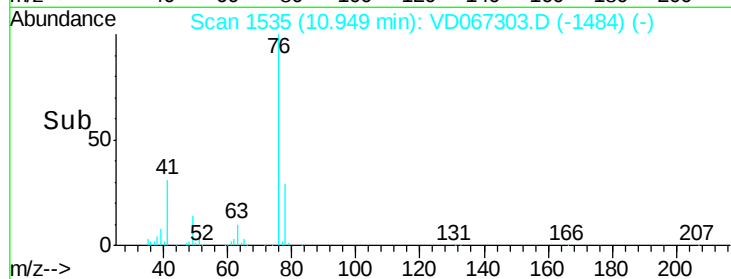
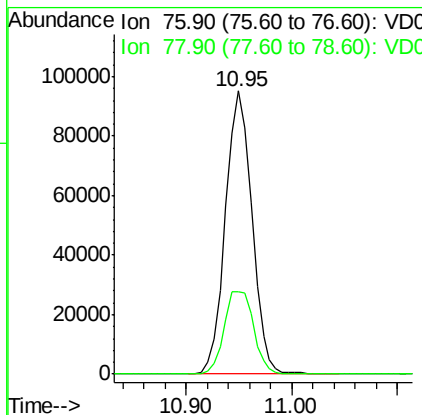
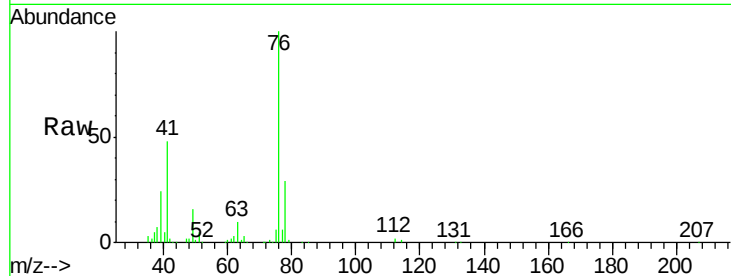
#57
 1,3-Dichloropropane
 Concen: 48.723 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.8	40.2

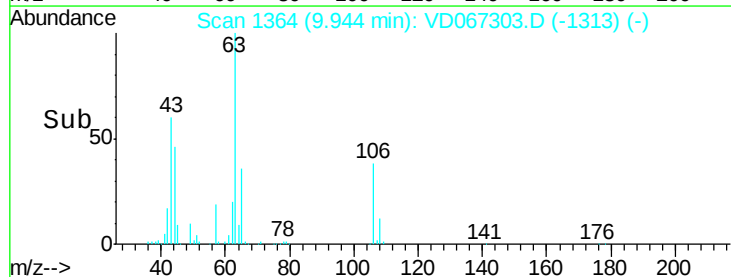
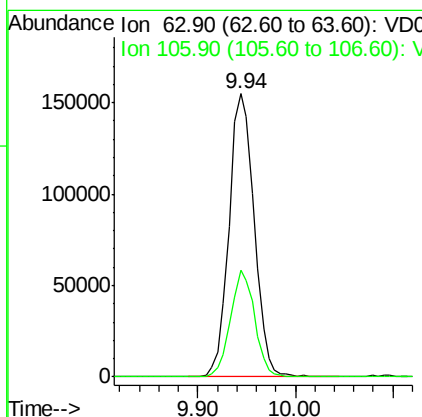
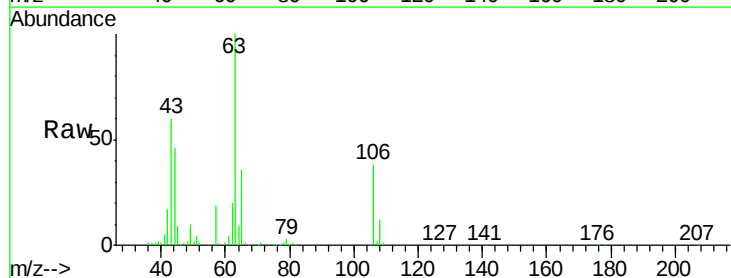
Manual Integrations
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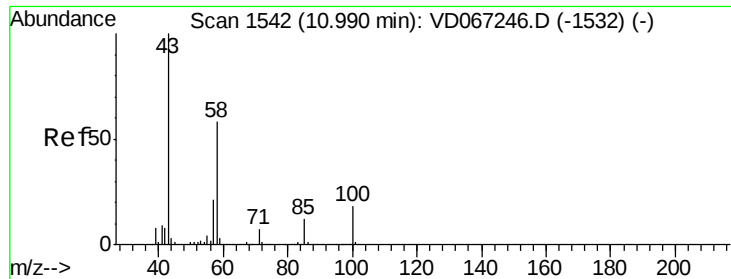
MMDadoda
 10/20/2020 4:50:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.386 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	36.4	27.8	41.6





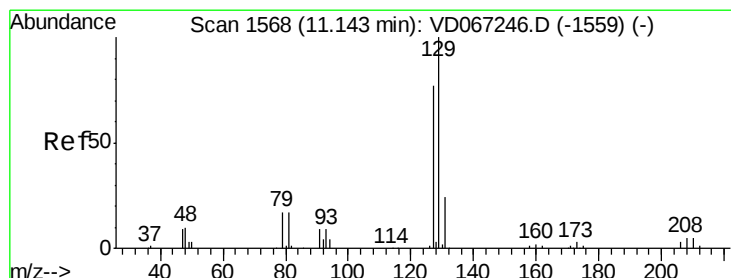
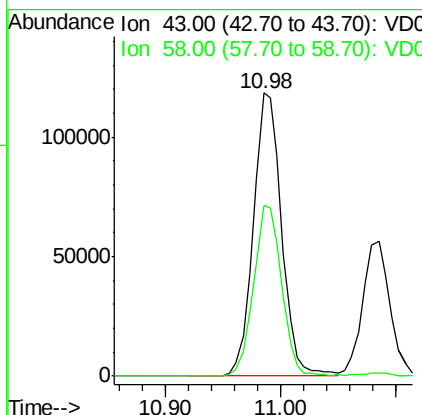
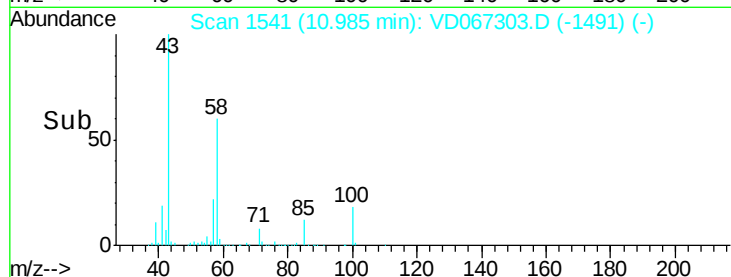
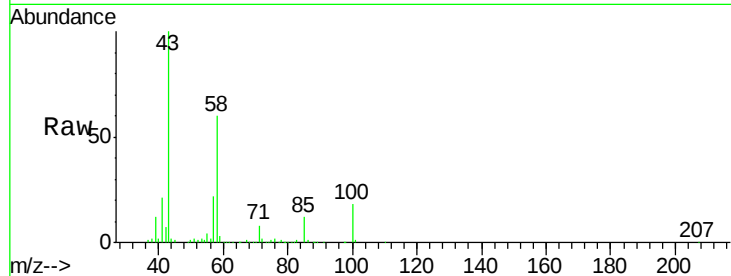
#59
2-Hexanone
Concen: 256.050 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.5	29.3	87.9

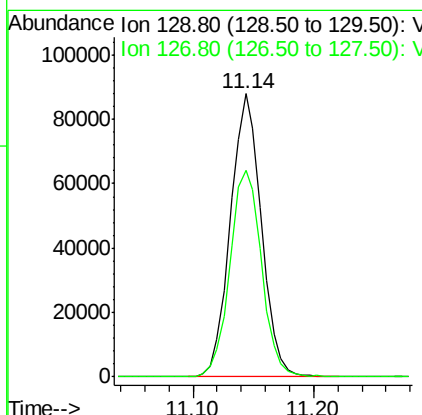
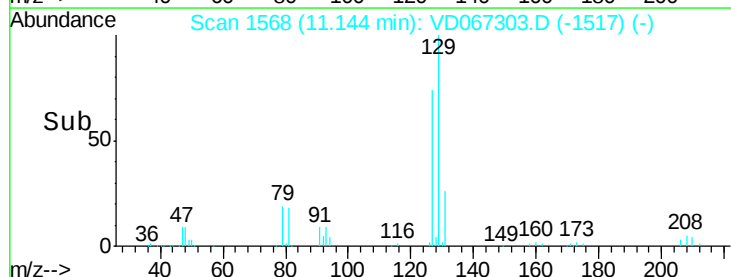
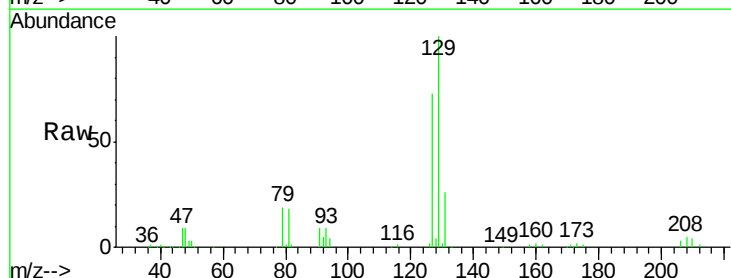
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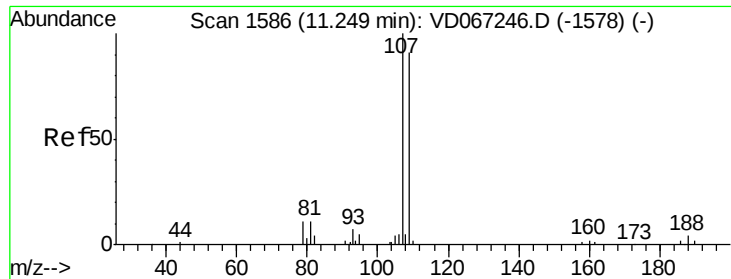
MMDadoda
10/20/2020 4:50:58 PM



#60
Dibromochloromethane
Concen: 50.145 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.9	38.3	114.8





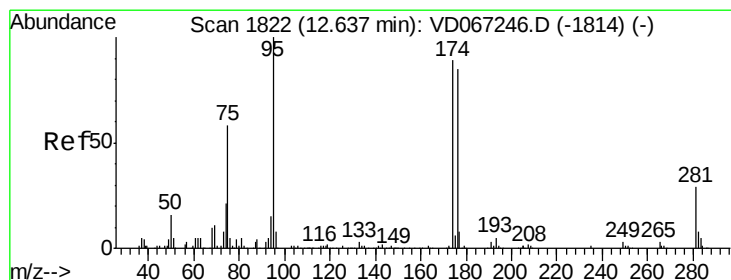
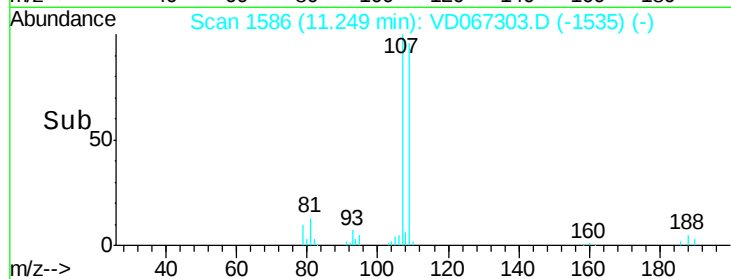
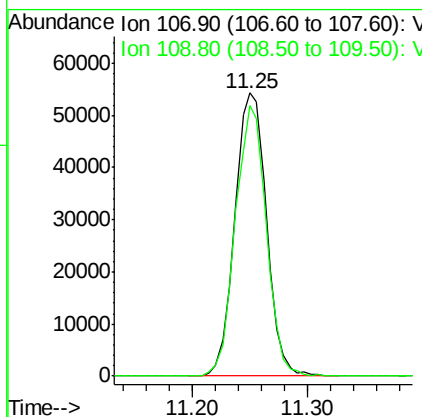
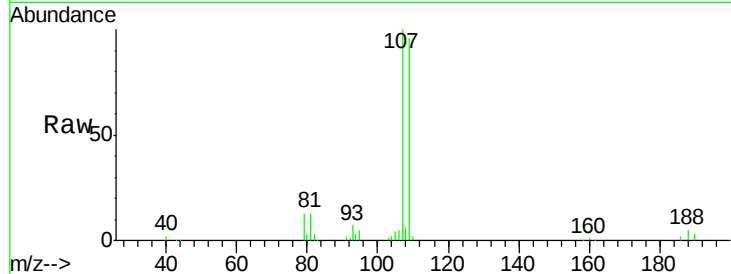
#61
 1,2-Dibromoethane
 Concen: 48.701 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.6	112.0

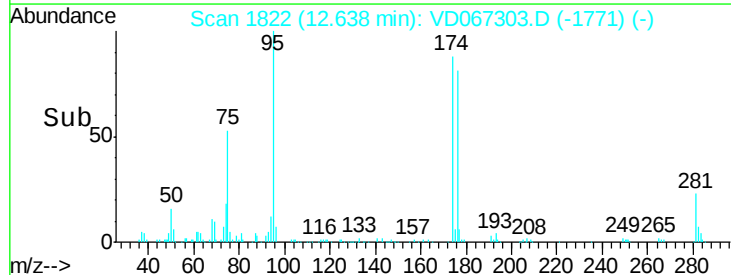
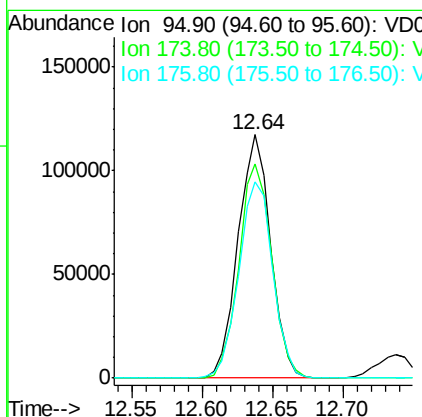
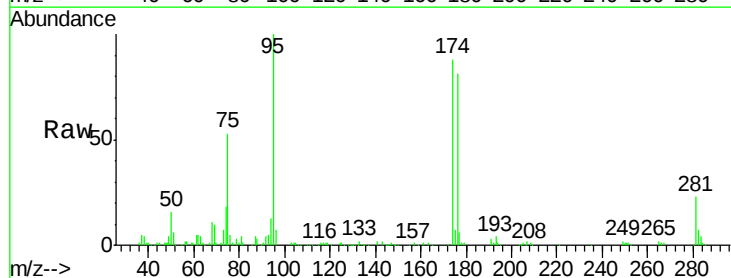
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#62
 4-Bromofluorobenzene
 Concen: 48.315 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	175.2
176	84.3	0.0	168.6





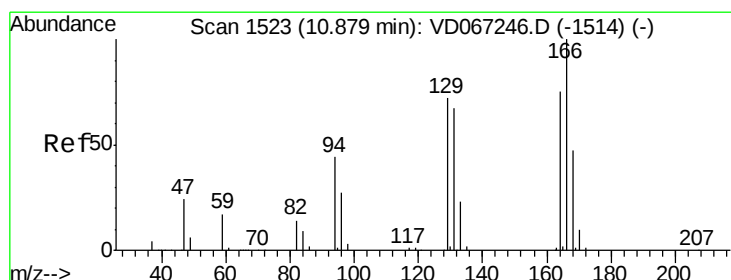
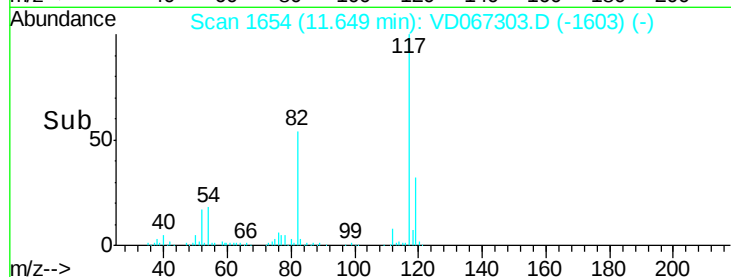
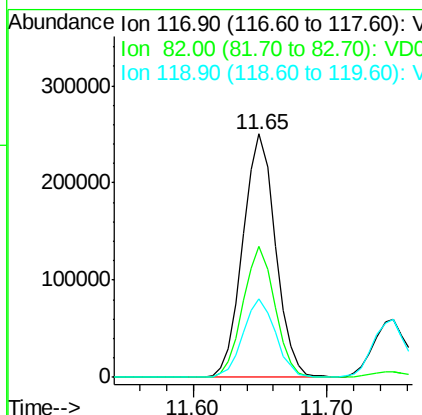
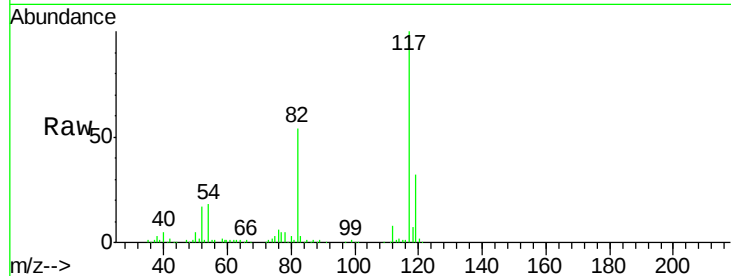
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	422817		
82	53.6		39.9	59.9
119	32.5		24.9	37.3

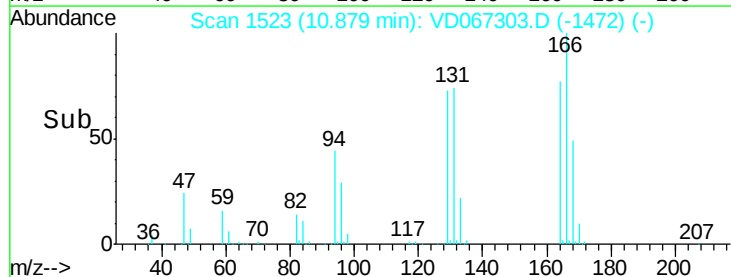
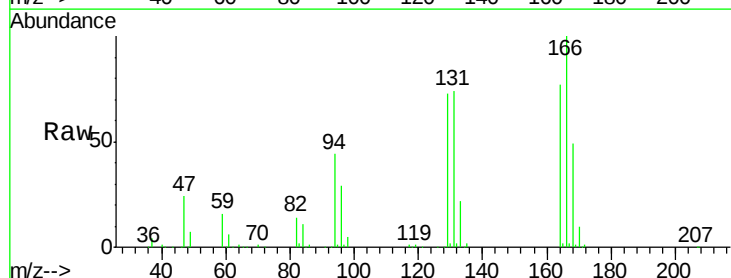
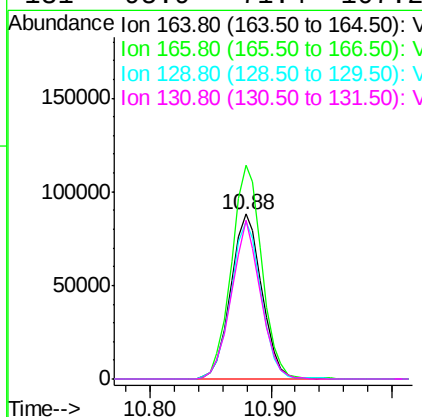
Manual Integrations
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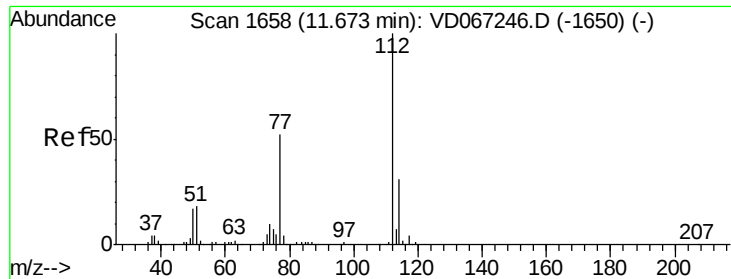
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#64
Tetrachloroethene
Concen: 51.353 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157317		
166	129.5		107.3	160.9
129	95.1		77.3	115.9
131	95.9		71.4	107.2





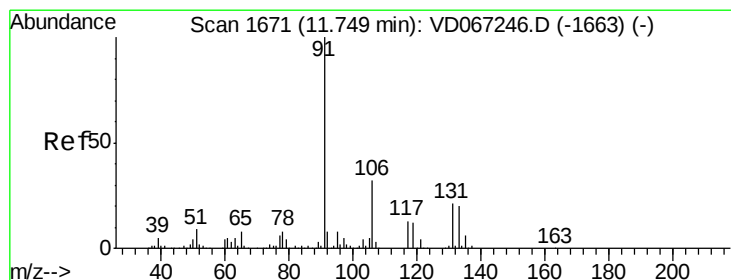
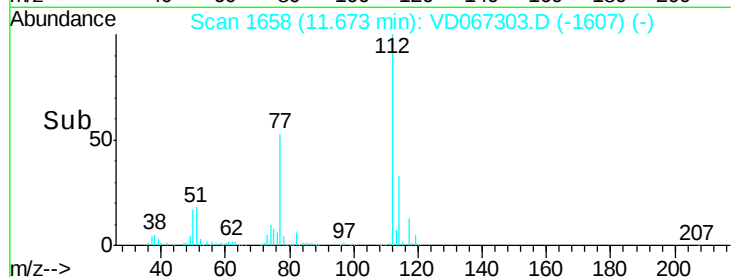
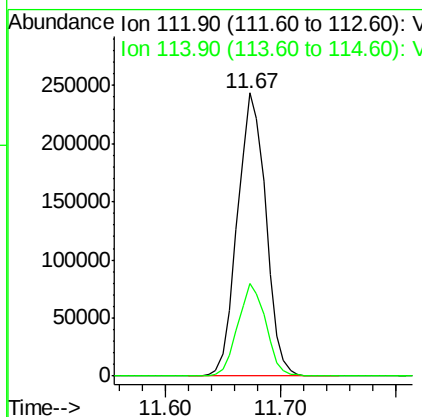
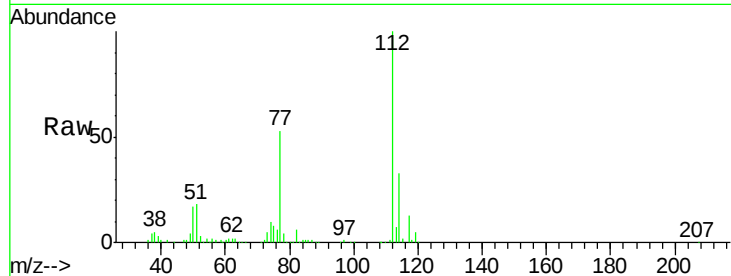
#65
Chlorobenzene
Concen: 51.243 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.0	37.4

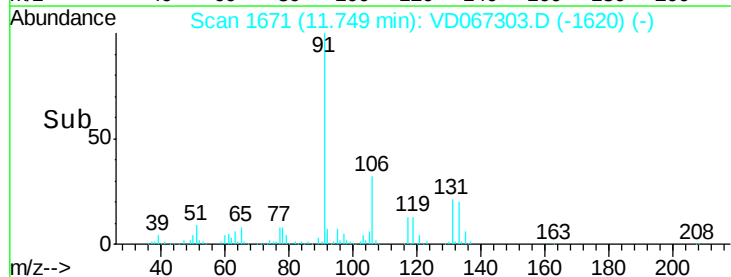
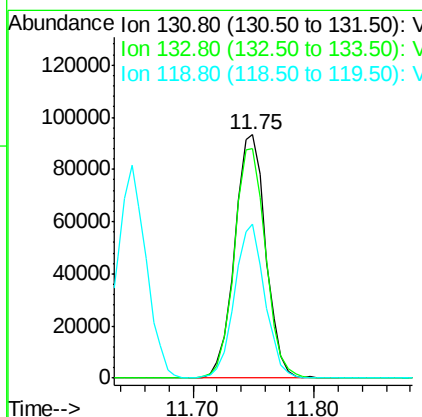
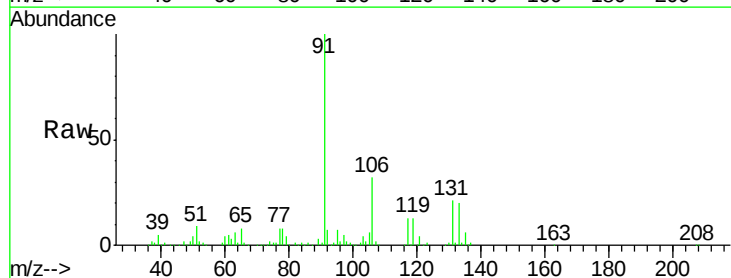
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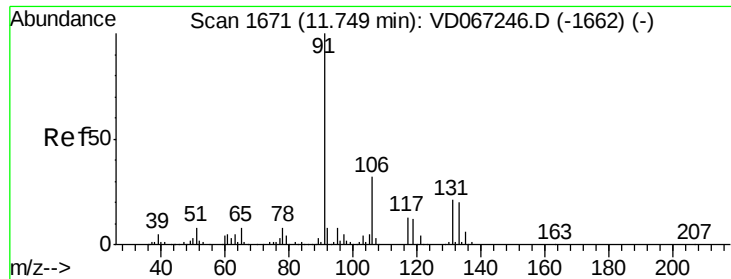
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.780 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.1	144.3
119	62.1	30.0	90.0





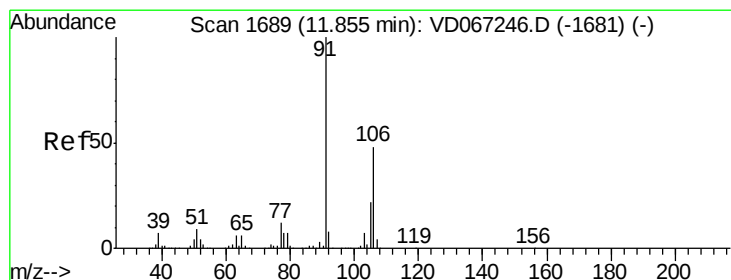
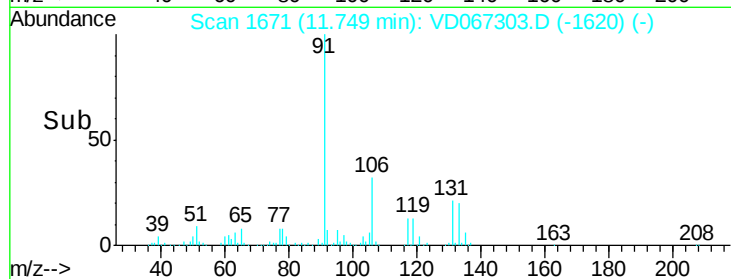
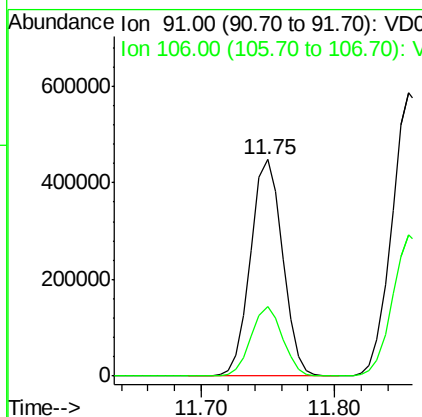
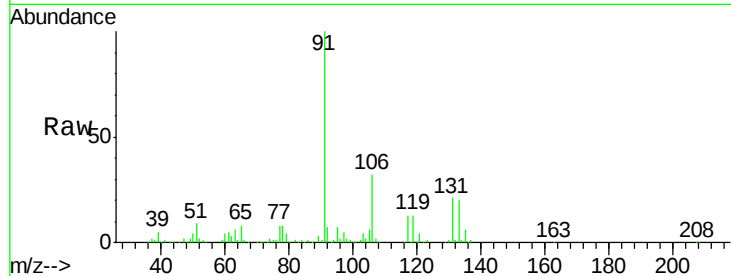
#67
Ethyl Benzene
Concen: 53.594 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 744878
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0

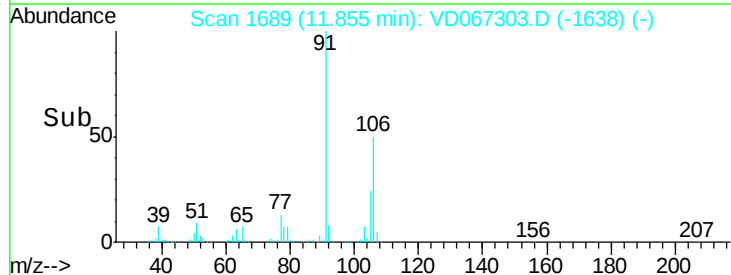
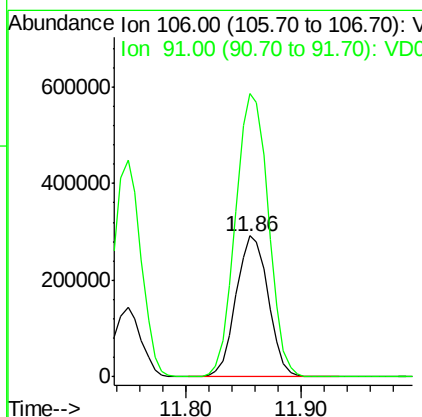
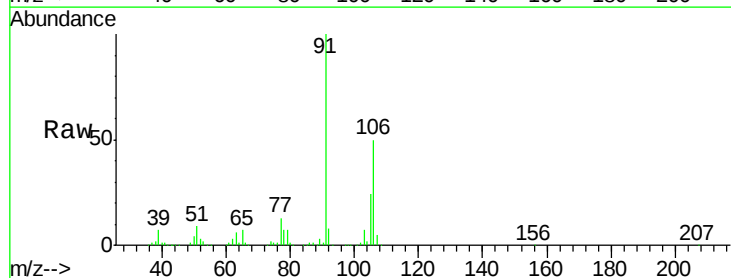
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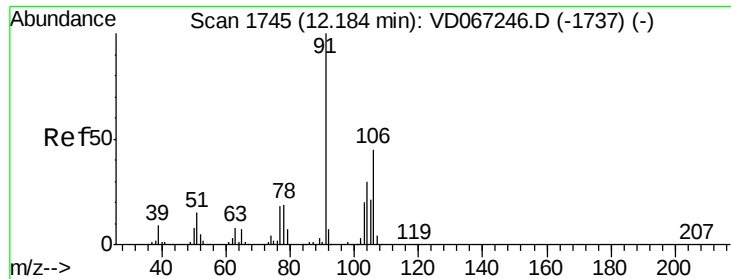
MMDadoda
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#68
m/p-Xylenes
Concen: 105.534 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion: 106 Resp: 564834
Ion Ratio Lower Upper
106 100
91 205.1 163.8 245.8





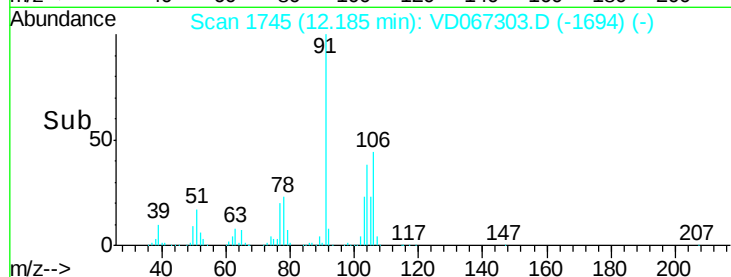
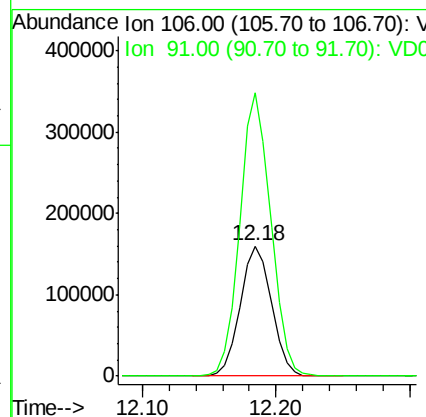
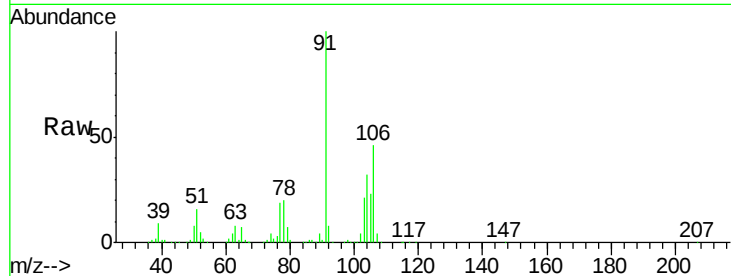
#69
o-Xylene
Concen: 52.273 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		259070		
91	214.9	109.1	327.3		

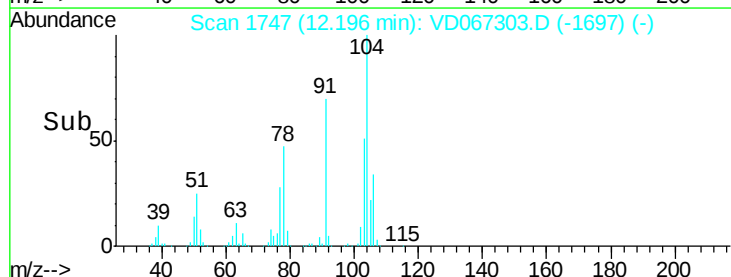
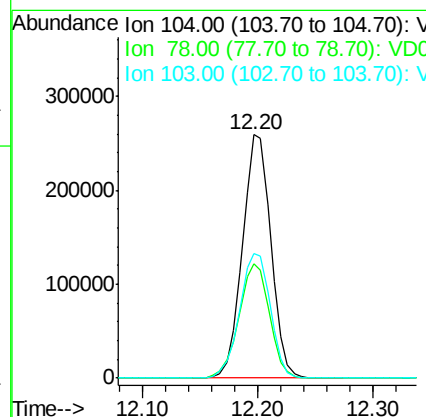
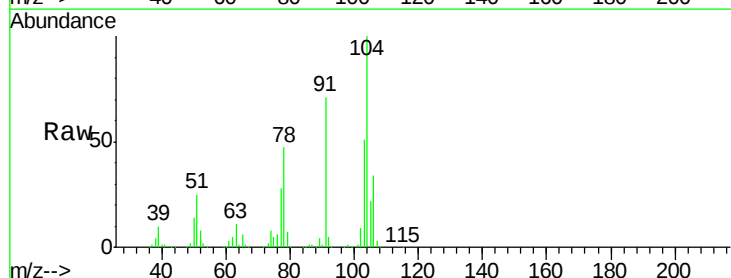
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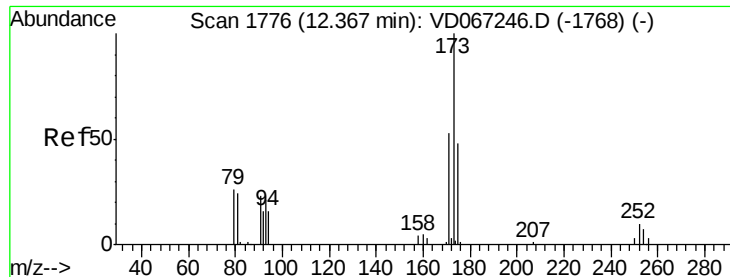
MMDadoda
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#70
Styrene
Concen: 51.796 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		441908		
78	50.5	39.8	59.6		
103	55.2	42.6	64.0		





#71

Bromoform

Concen: 49.030 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 84880

Ion Ratio Lower Upper

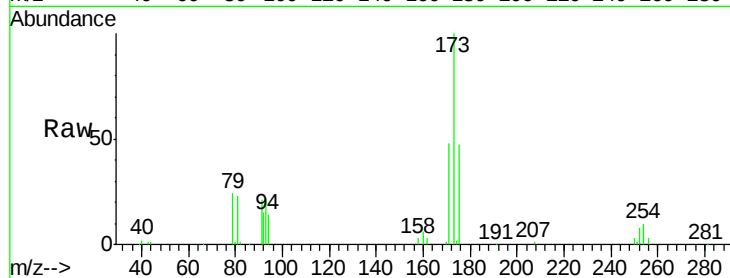
173 100

175 48.9 24.2 72.6

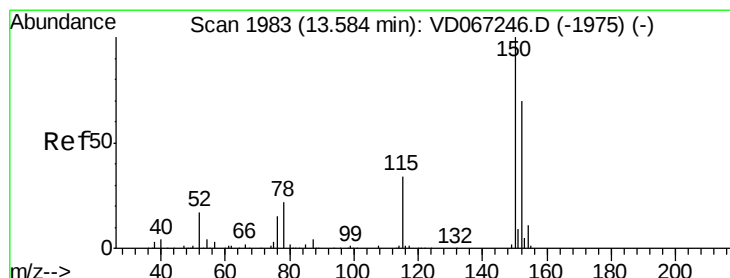
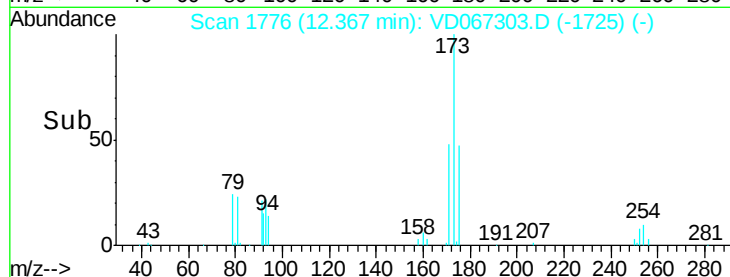
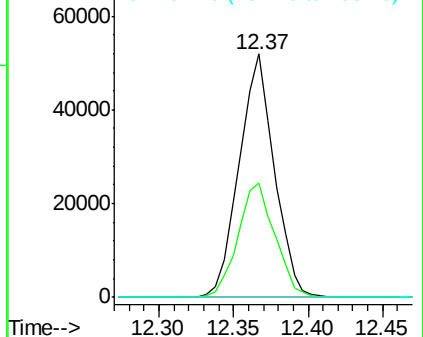
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

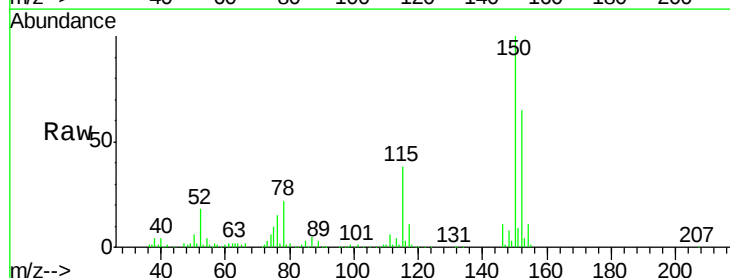
Tgt Ion:152 Resp: 212379

Ion Ratio Lower Upper

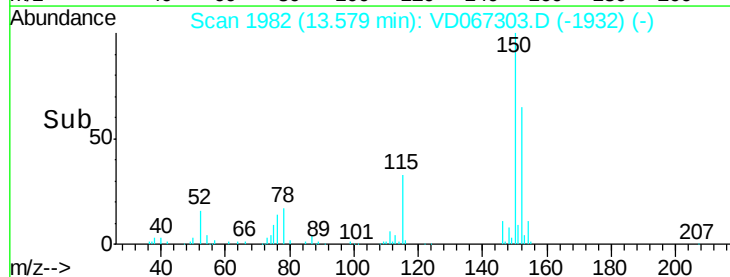
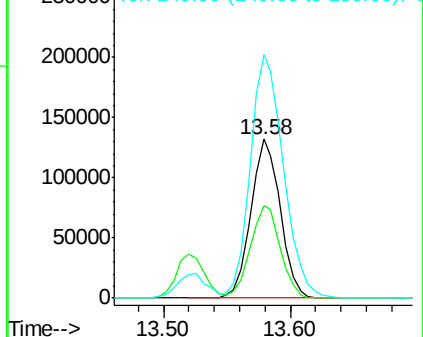
152 100

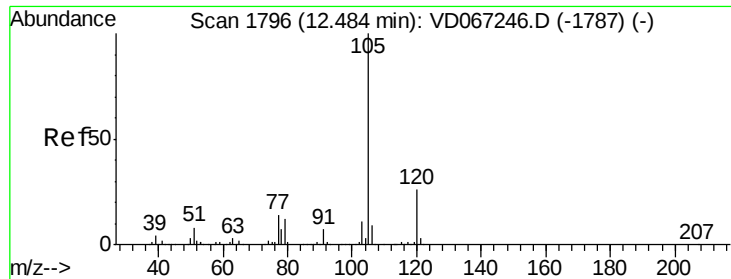
115 59.3 29.3 87.9

150 172.9 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.253 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 744750

Ion Ratio Lower Upper

105 100

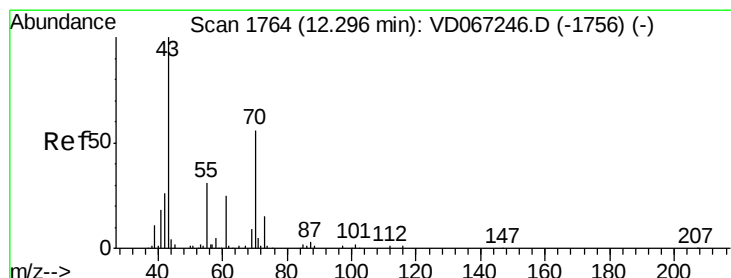
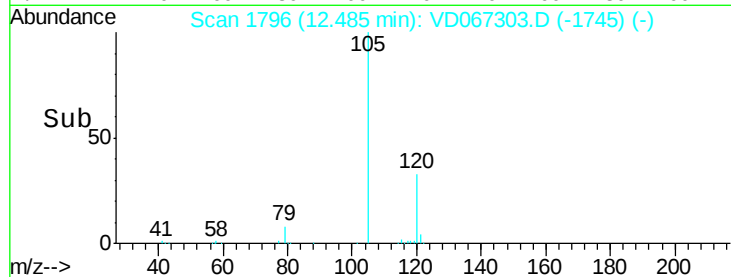
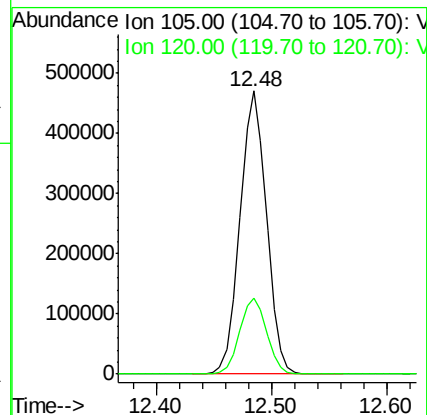
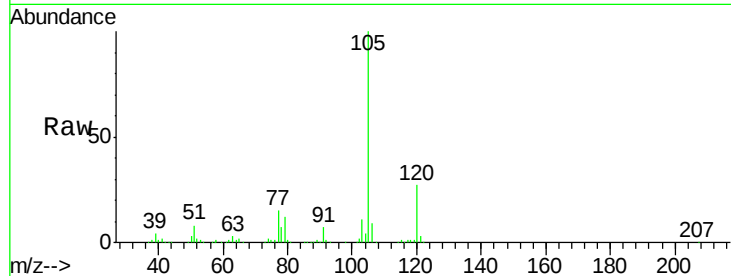
120 27.1 13.3 39.8

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#74

N-ethyl acetate

Concen: 51.206 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Tgt Ion: 43 Resp: 104244

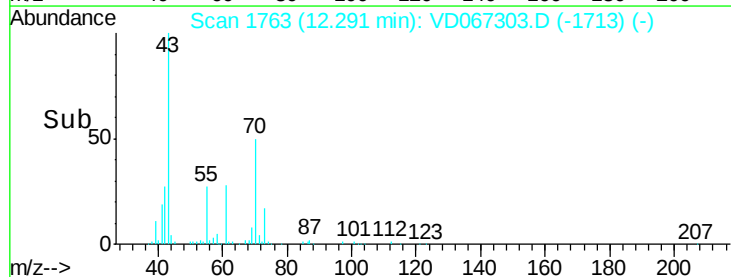
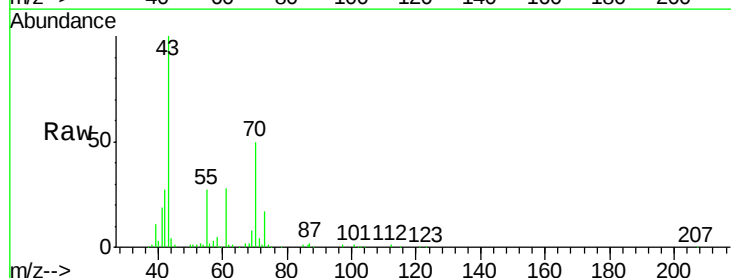
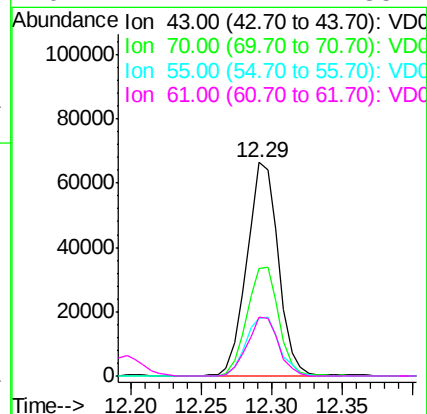
Ion Ratio Lower Upper

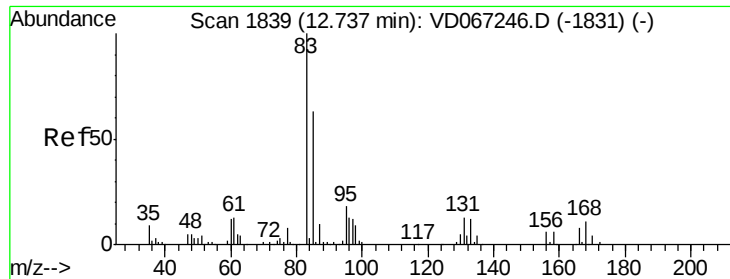
43 100

70 51.5 42.7 64.1

55 29.0 24.0 36.0

61 27.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.335 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 103957
Ion Ratio Lower Upper

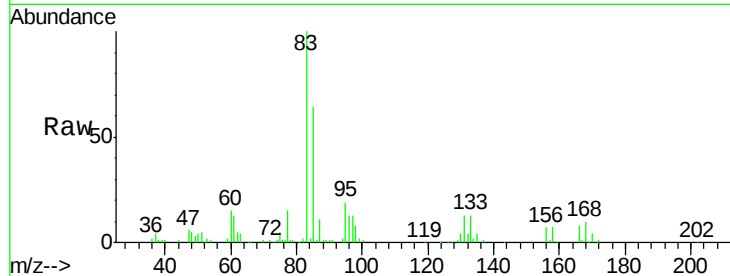
83 100

131 13.7 6.5 19.5

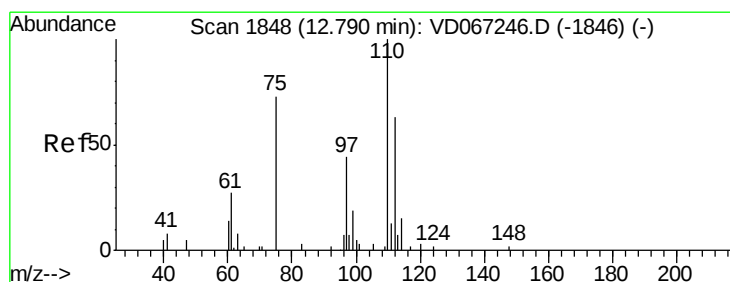
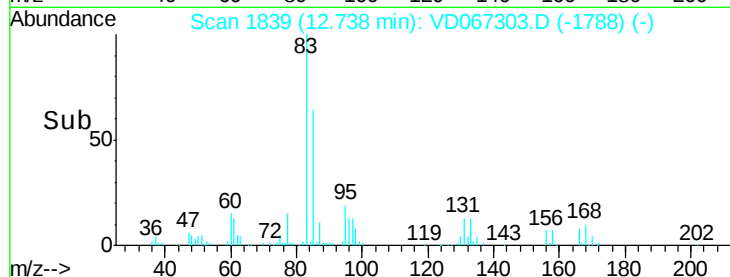
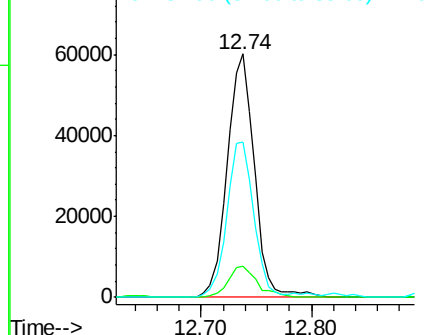
85 63.0 32.6 97.7

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



#76

1,2,3-Trichloropropane

Concen: 50.833 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

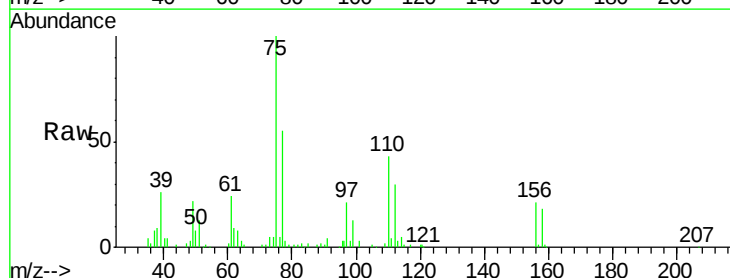
Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

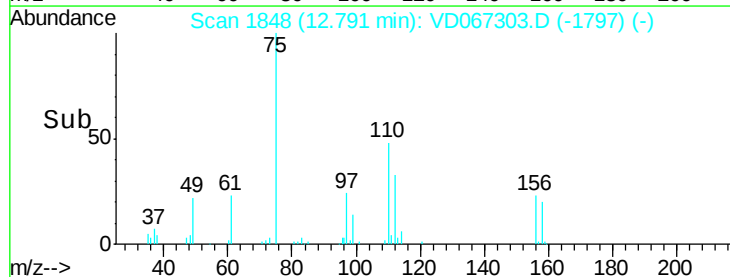
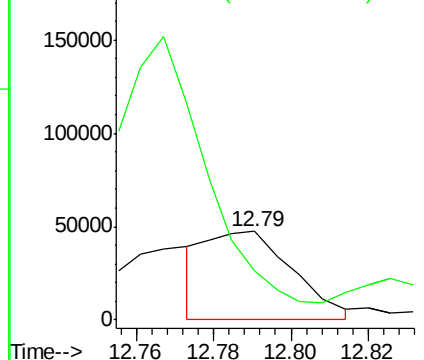
Tgt Ion: 75 Resp: 74825
Ion Ratio Lower Upper

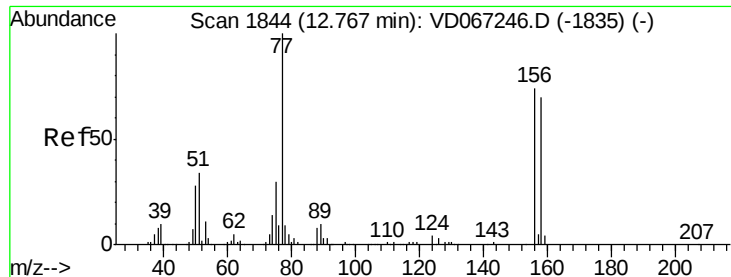
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.896 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

Instrument :

MSVOA_D

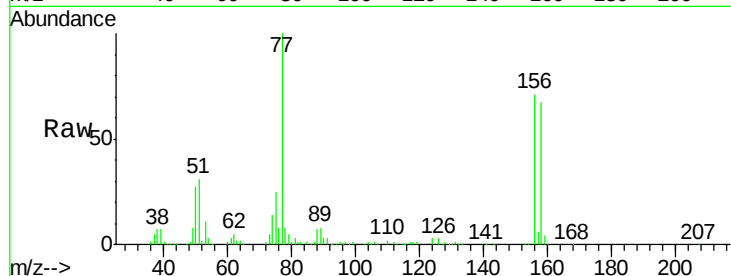
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	156.2	78.0	233.8
158	97.2	49.1	147.3

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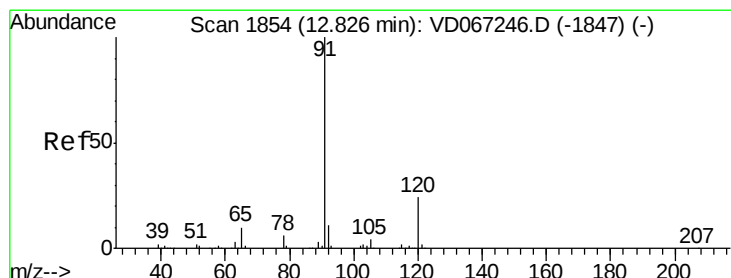
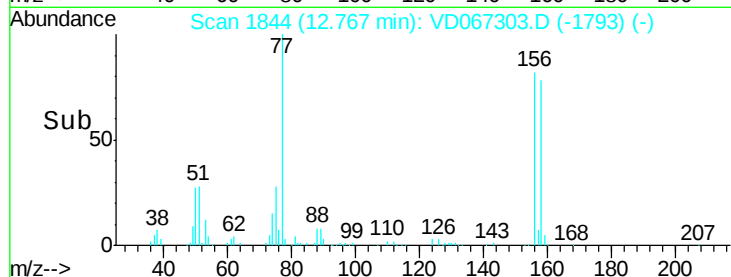
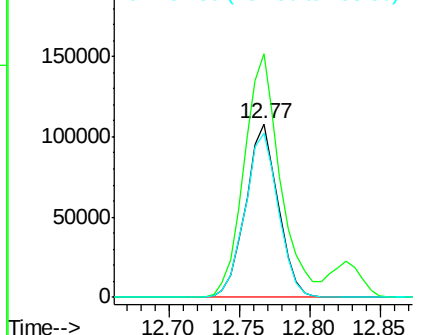


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.207 ug/l

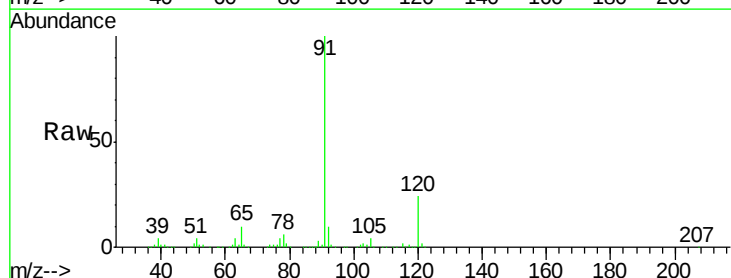
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067303.D

Acq: 19 Oct 2020 12:21

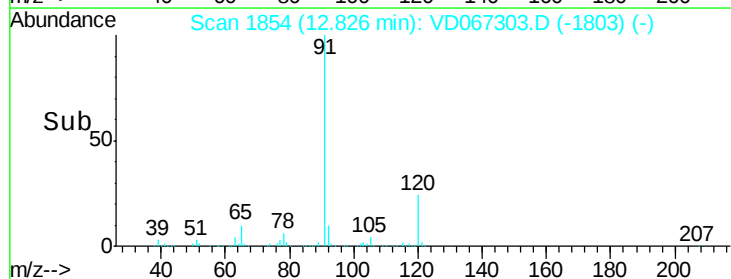
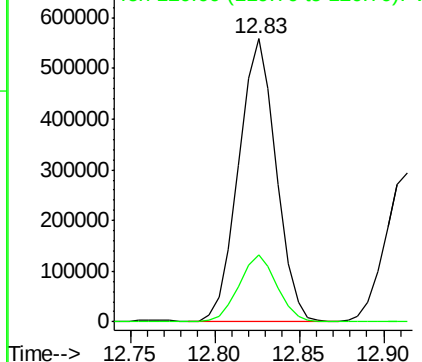
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9

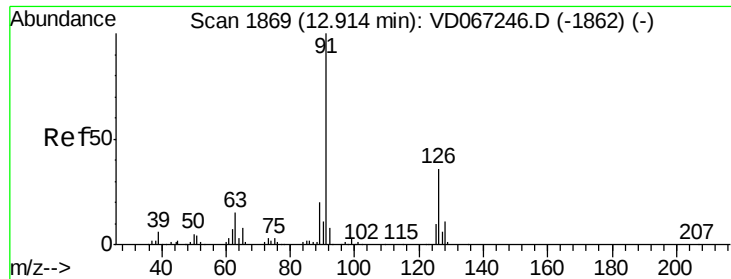


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





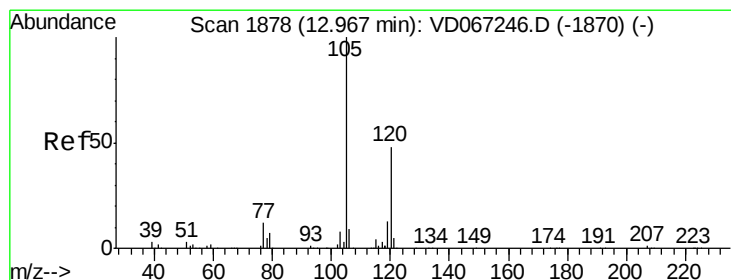
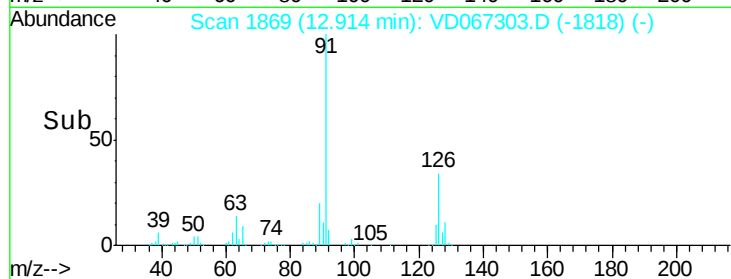
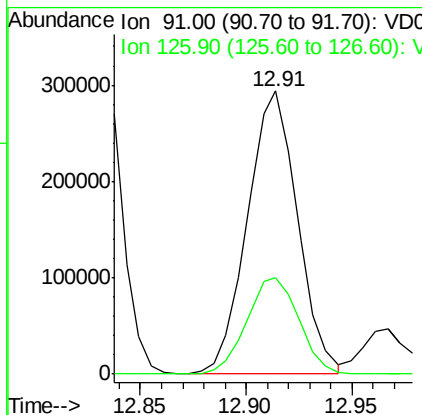
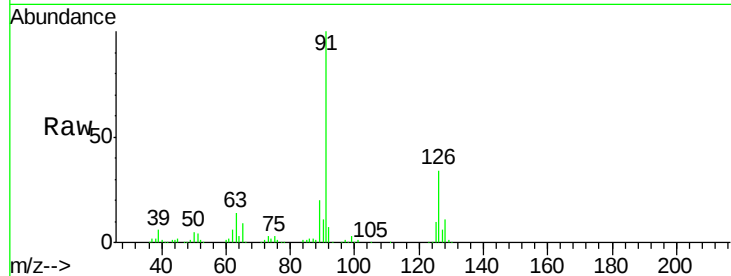
#79
 2-Chlorotoluene
 Concen: 53.296 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 482681
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.8

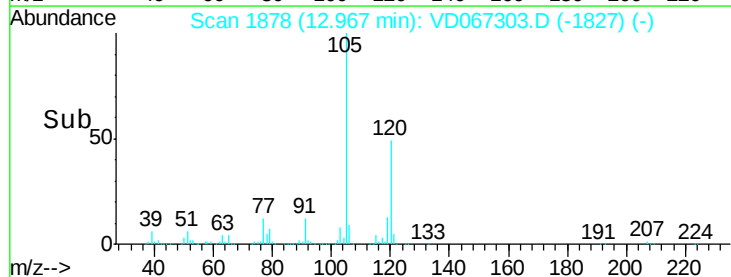
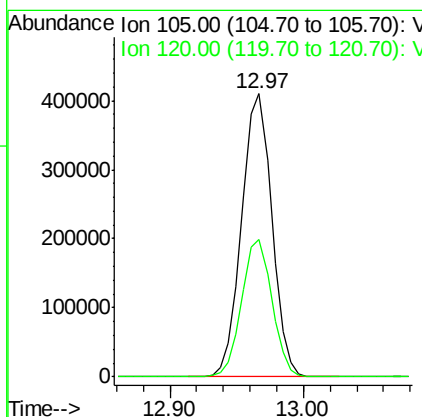
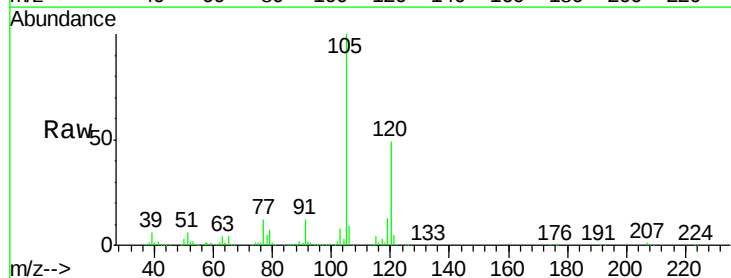
Manual Integrations
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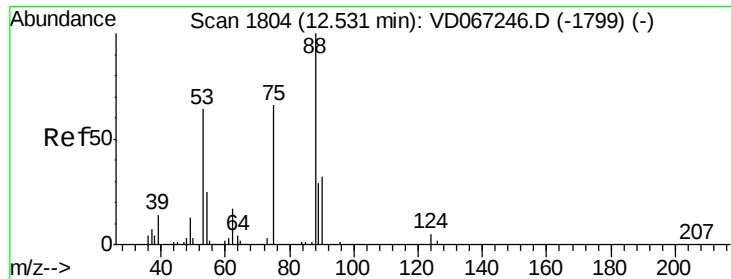
MMDadoda
 10/20/2020 4:50:58 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.770 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion: 105 Resp: 641528
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





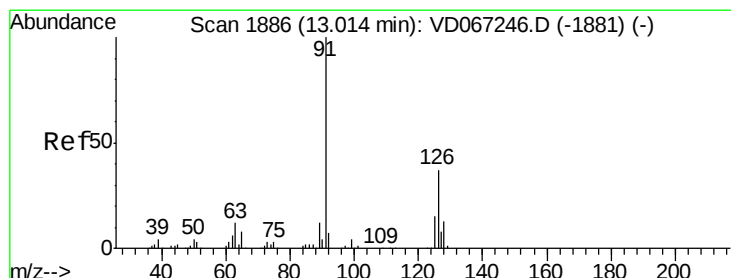
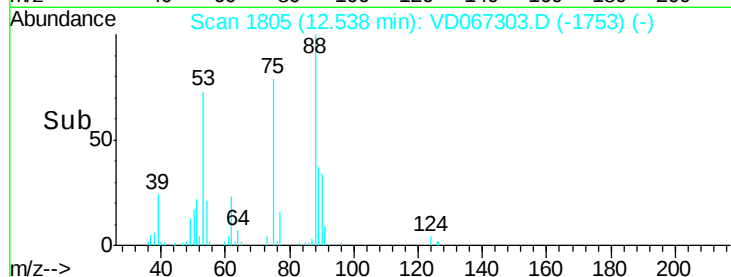
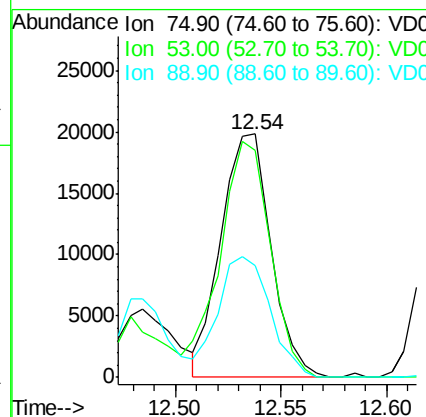
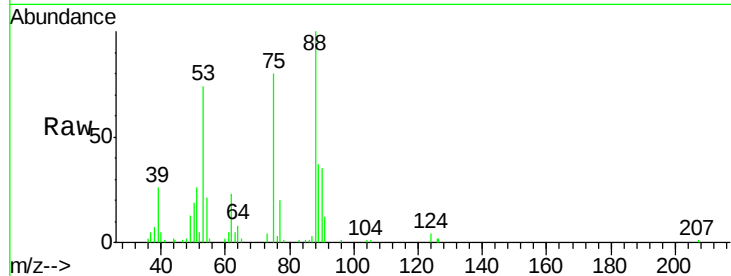
#81
trans-1,4-Dichloro-2-butene
Concen: 50.130 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	78.5	117.7
89	51.7	39.9	59.9

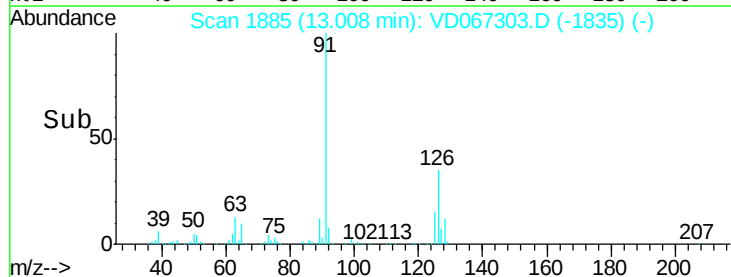
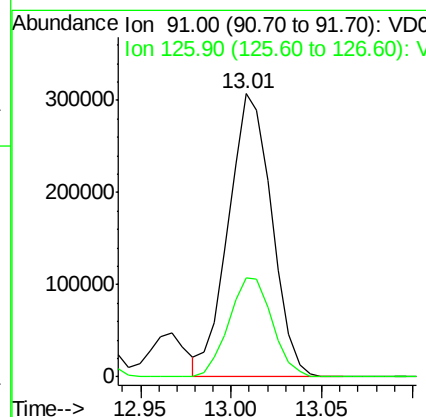
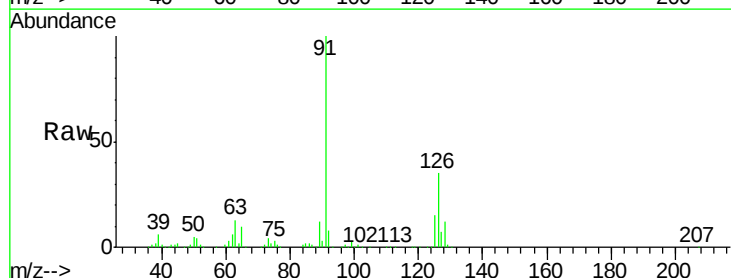
Manual Integrations
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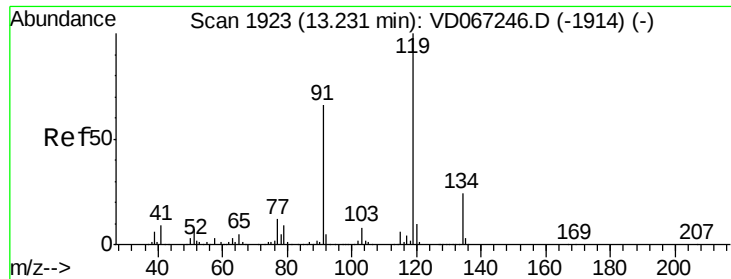
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.902 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.8	53.5





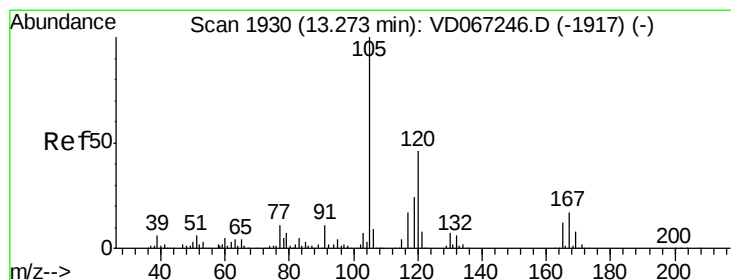
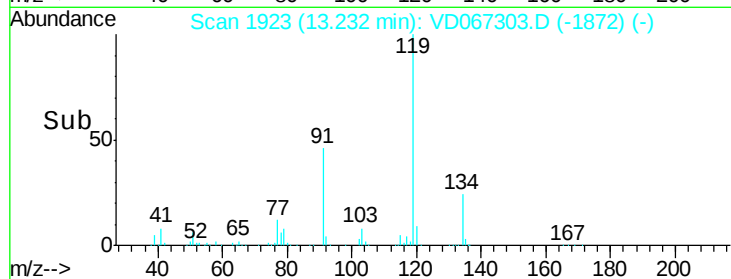
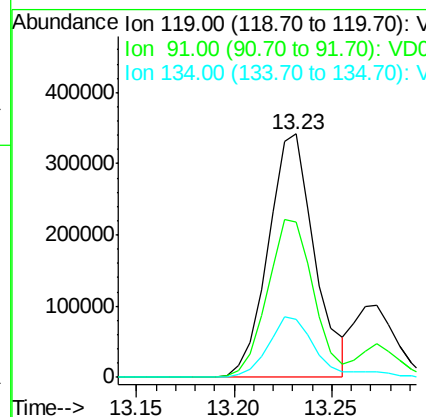
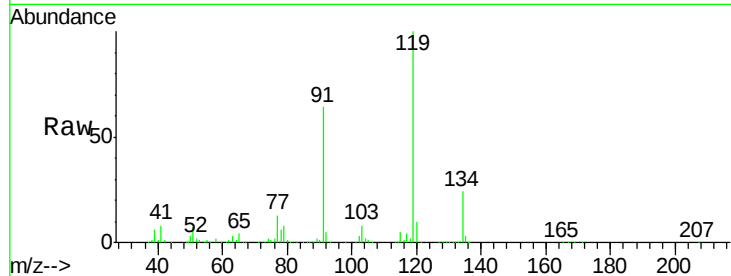
#83
tert-Butylbenzene
Concen: 56.709 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	561096		
91	64.7		33.1	99.2
134	26.2		13.3	39.9

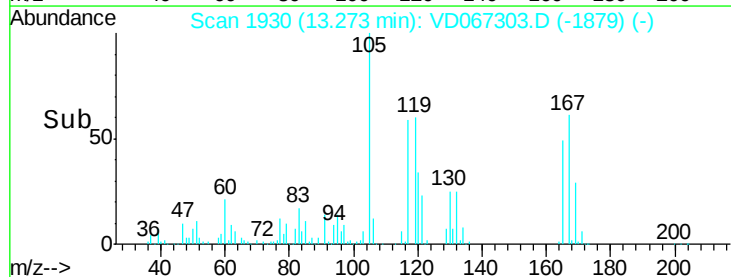
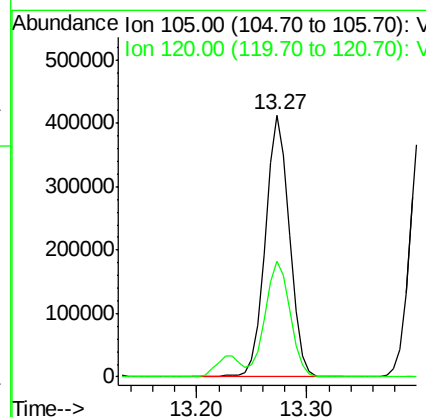
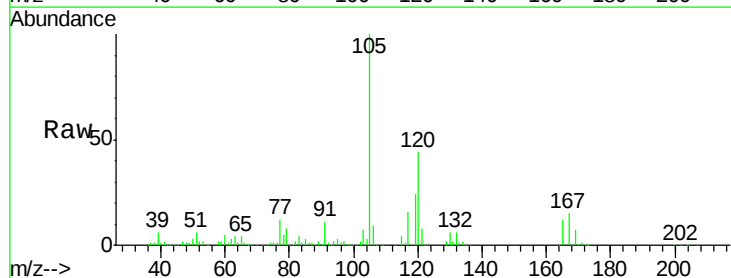
Manual Integrations
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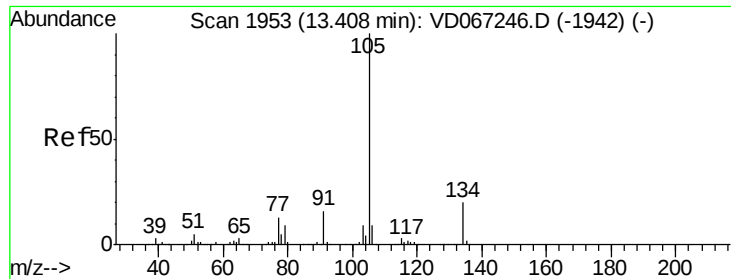
MMDadoda
10/20/2020 4:50:58 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.630 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	632445		
120	45.8		22.4	67.3





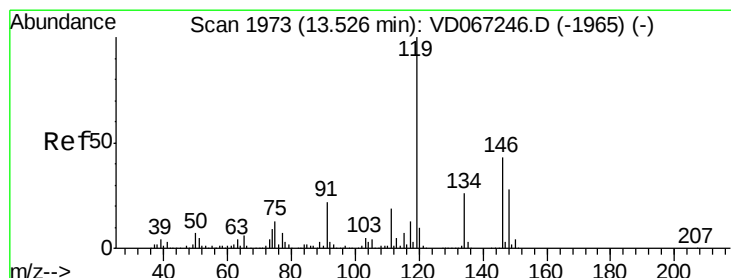
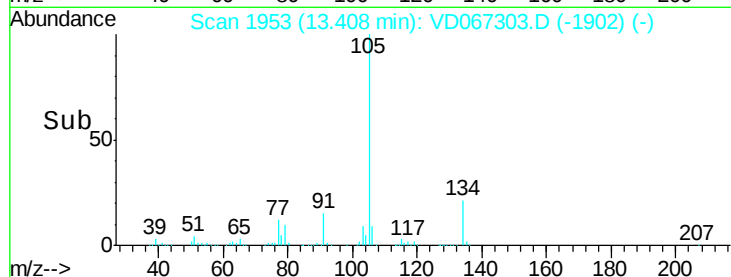
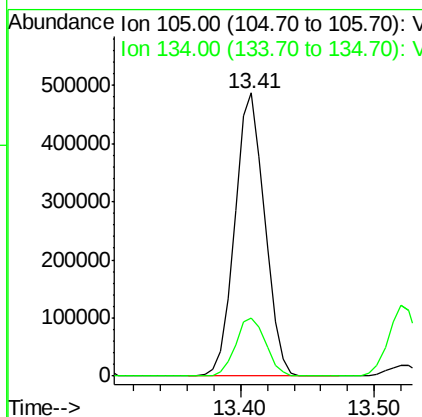
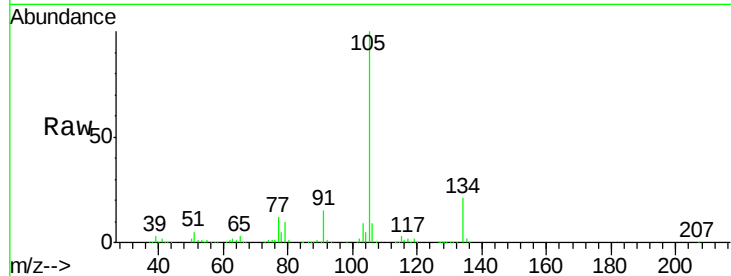
#85
 sec-Butylbenzene
 Concen: 55.545 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	754106		
134	20.9	10.5	31.5	

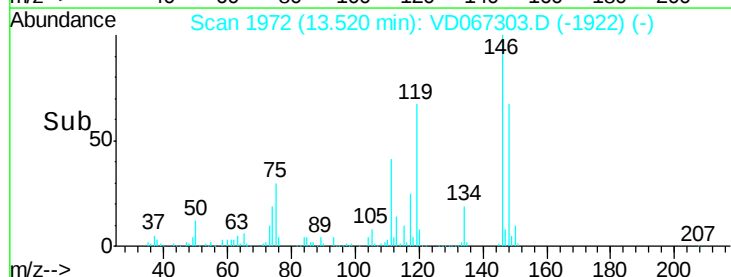
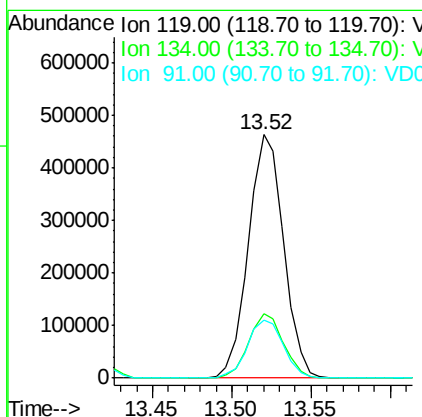
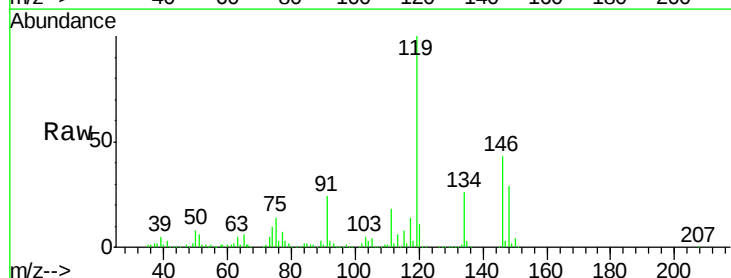
Manual Integrations
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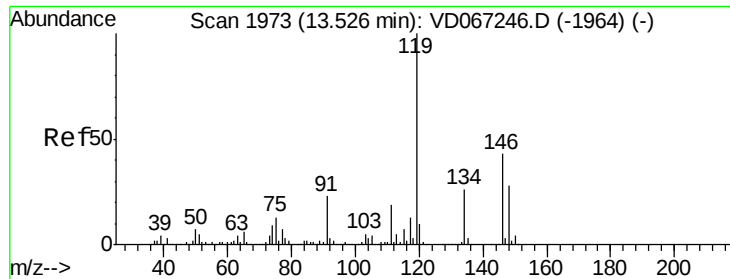
MMDadoda
 10/20/2020 4:50:58 PM



#86
 p-Isopropyltoluene
 Concen: 55.729 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	714128		
134	26.3	13.1	39.3	
91	24.3	11.9	35.9	





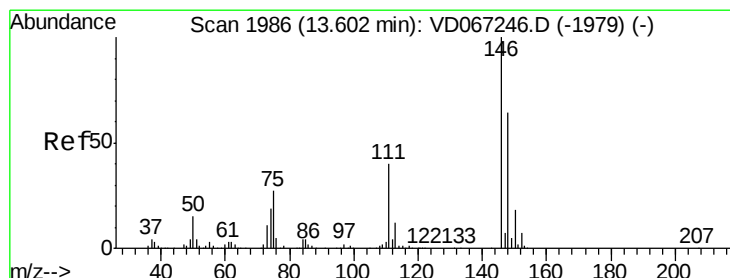
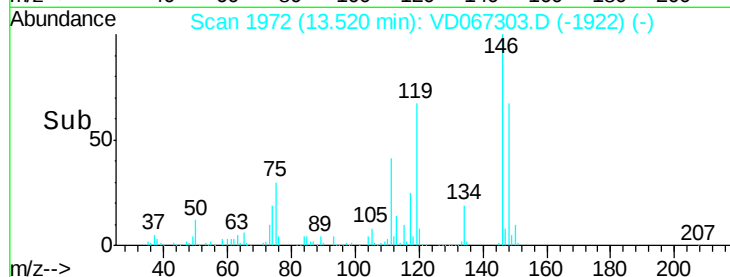
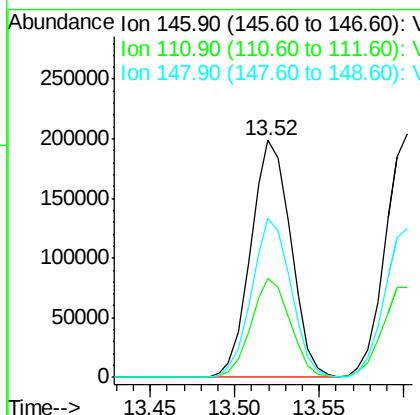
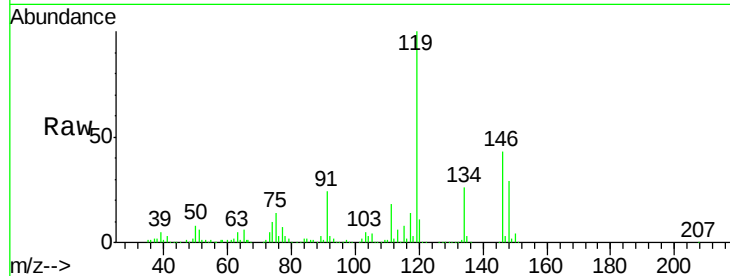
#87
 1,3-Dichlorobenzene
 Concen: 50.733 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.3
148	65.9	31.9	95.9

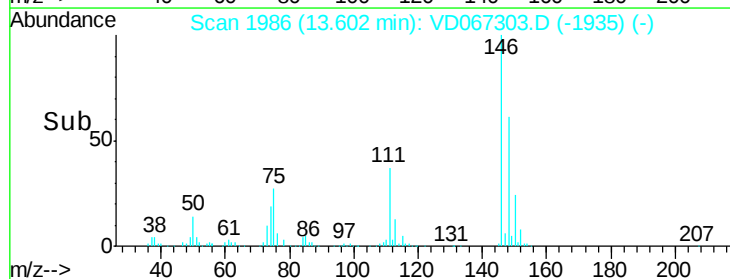
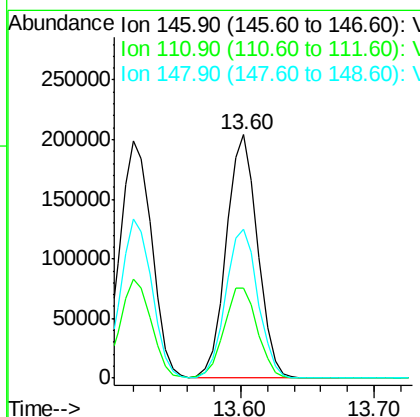
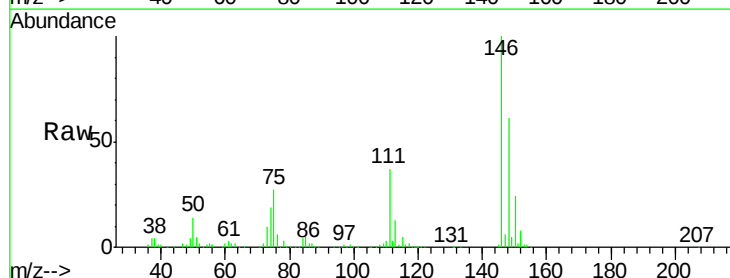
Manual Integrations
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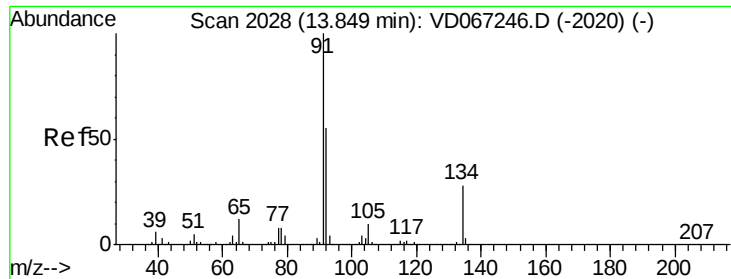
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#88
 1,4-Dichlorobenzene
 Concen: 52.129 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	63.3	31.9	95.9





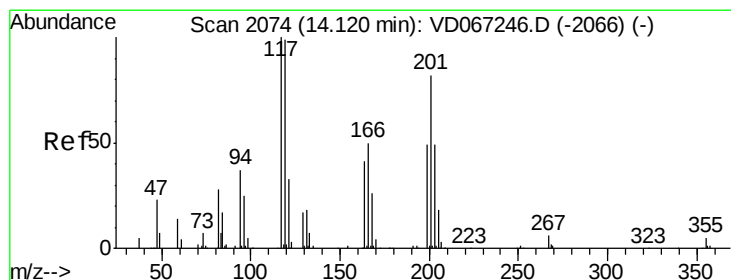
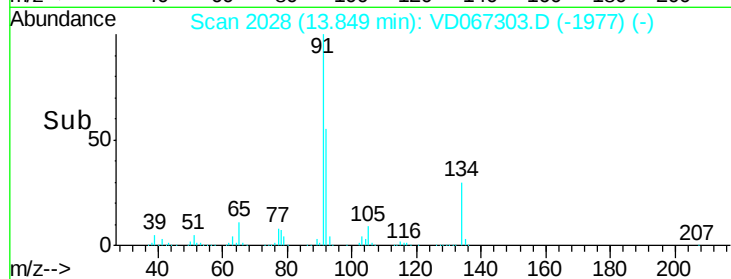
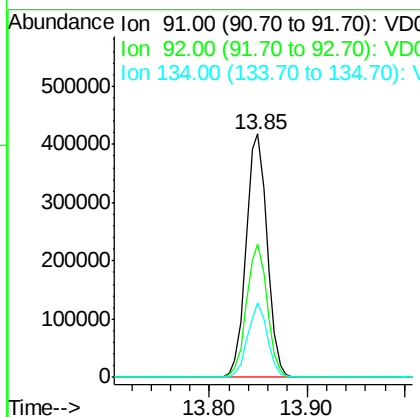
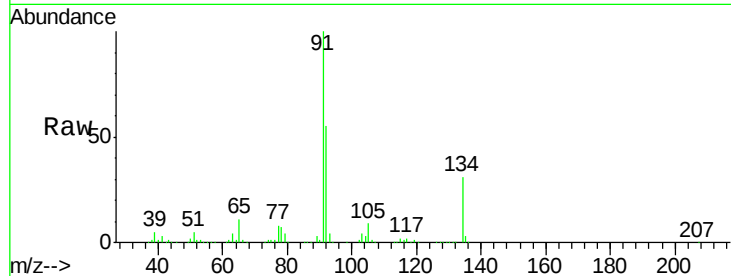
#89
n-Butylbenzene
Concen: 55.782 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	28.8	14.2	42.6

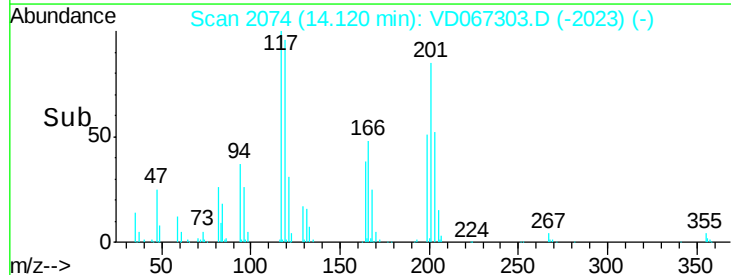
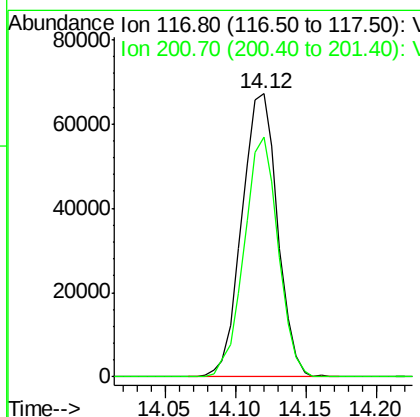
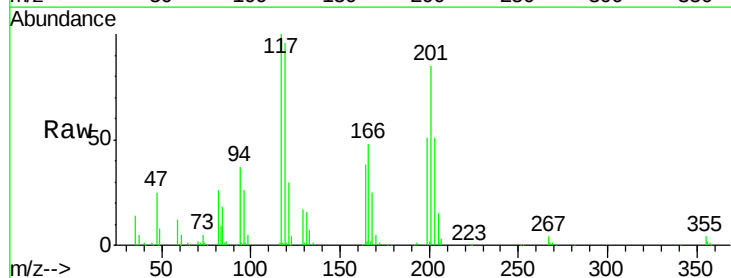
Manual Integrations
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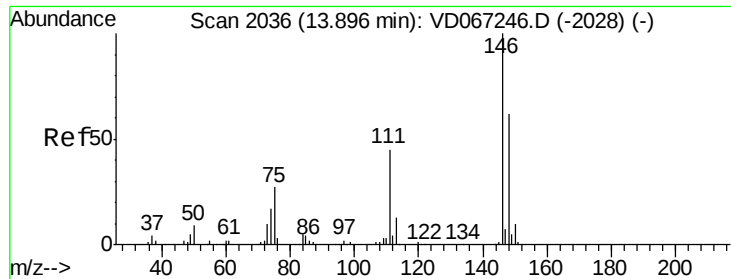
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#90
Hexachloroethane
Concen: 53.385 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	40.8	122.2





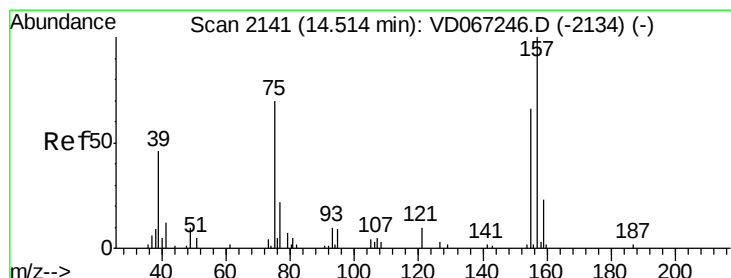
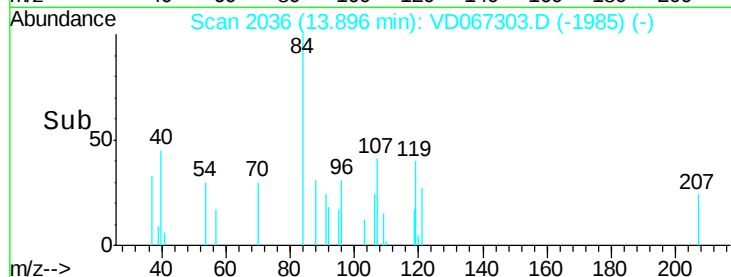
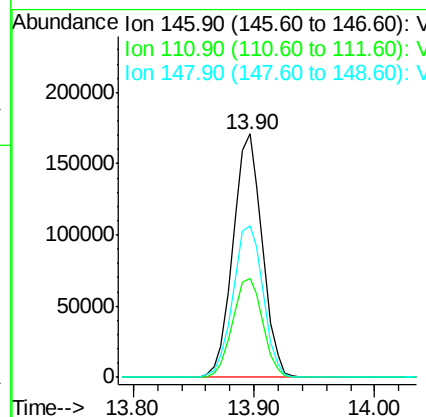
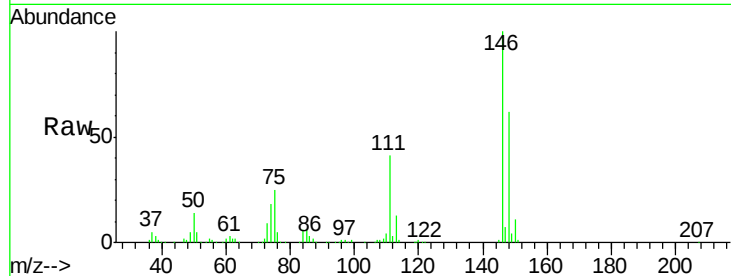
#91
 1,2-Dichlorobenzene
 Concen: 50.803 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.0	66.0
148	64.3	32.5	97.5

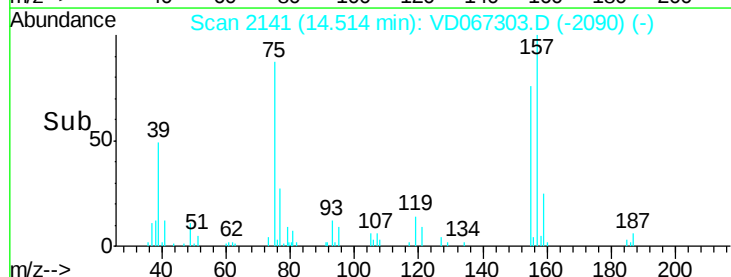
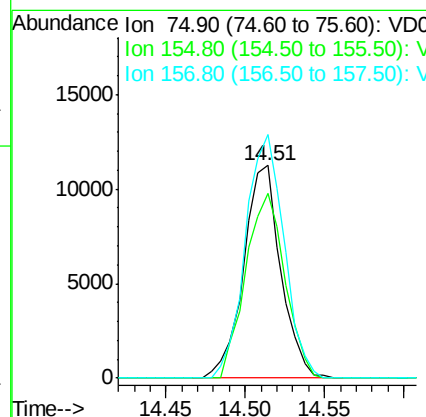
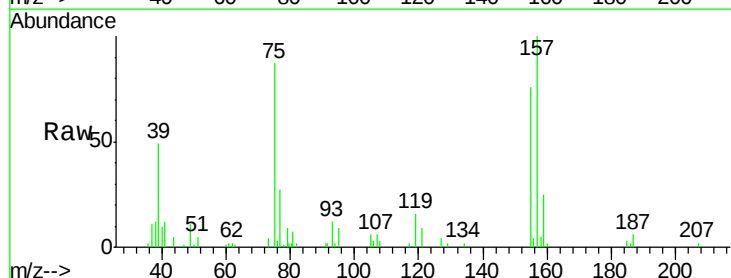
Manual Integrations
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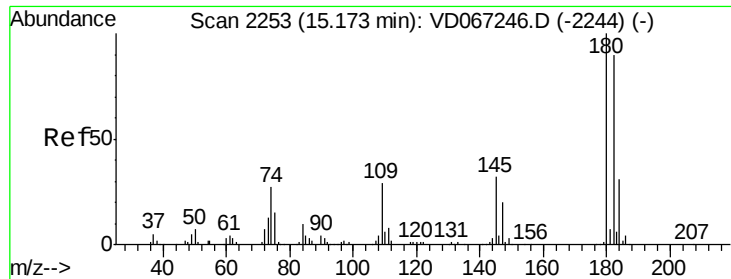
MMDadoda
 10/20/2020 4:50:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.867 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	44.8	134.4
157	118.3	62.5	187.4





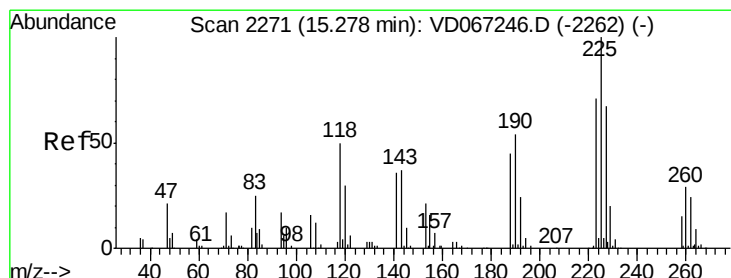
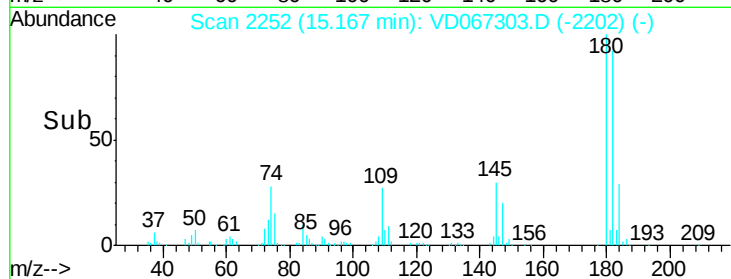
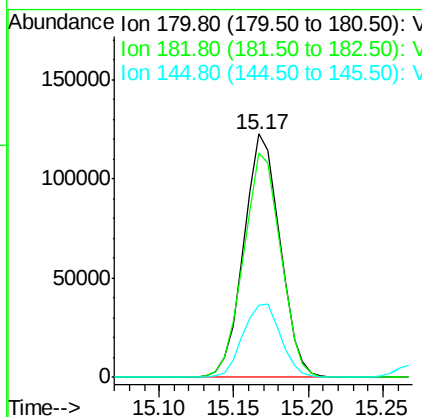
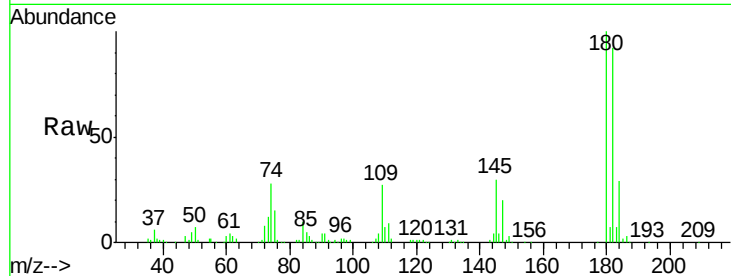
#93
 1,2,4-Trichlorobenzene
 Concen: 54.113 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206155		
182	94.6	48.1	144.4	
145	31.6	16.3	48.9	

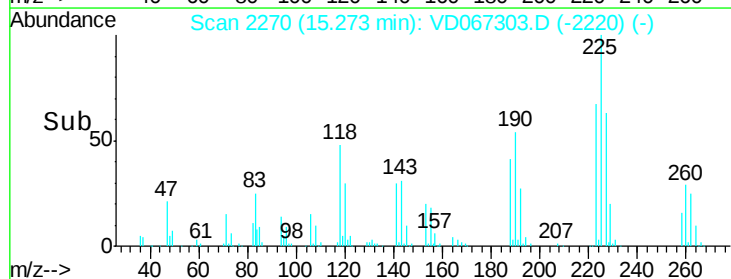
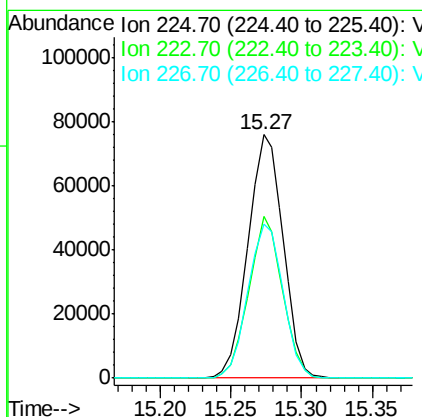
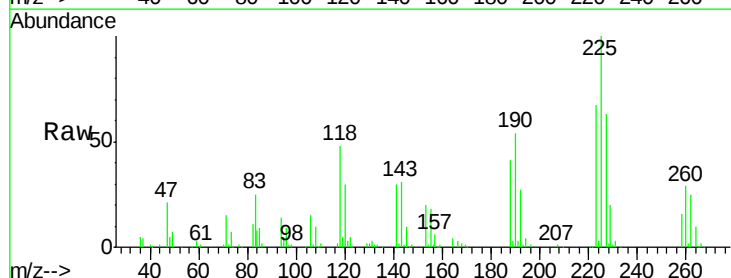
Manual Integrations
 APPROVED

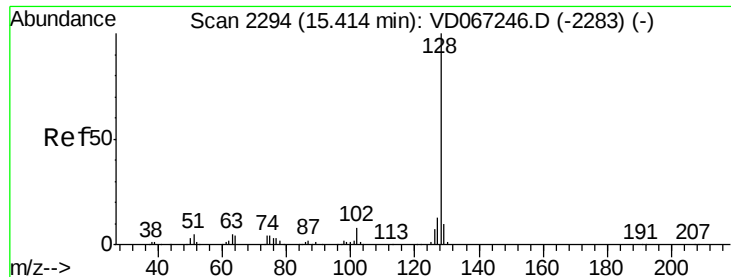
MMDadoda
 10/20/2020 4:50:58 PM



#94
 Hexachlorobutadiene
 Concen: 56.193 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067303.D
 Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132940		
223	63.2	31.9	95.7	
227	63.3	31.2	93.6	





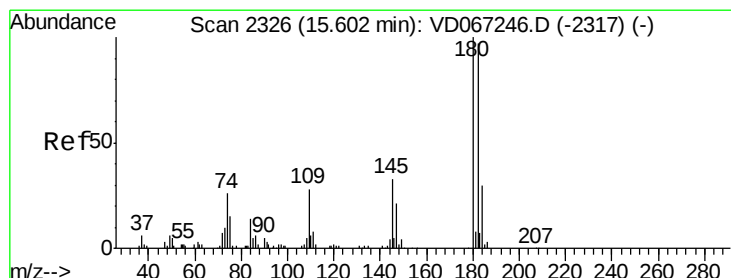
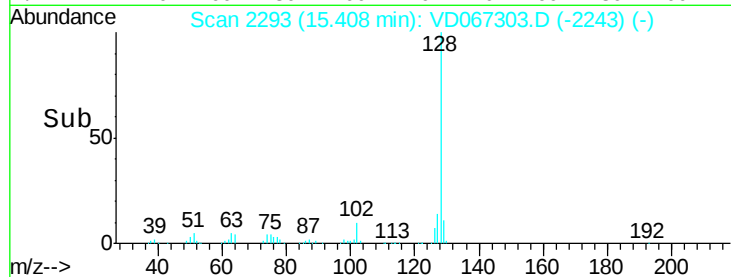
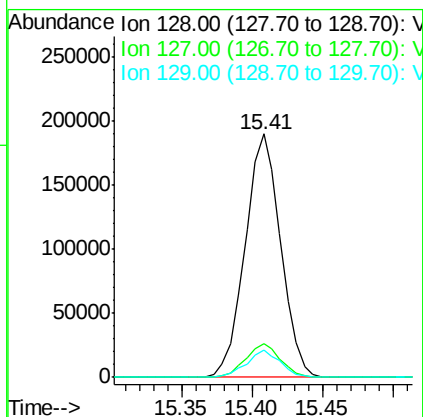
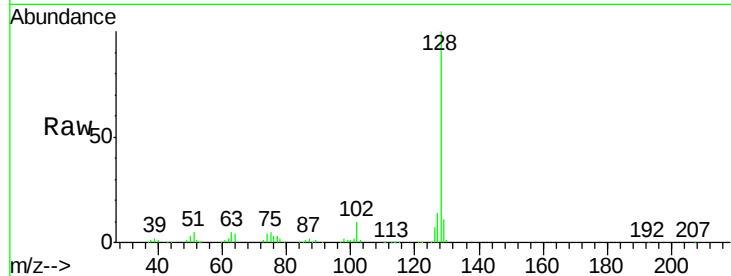
#95
Naphthalene
Concen: 53.485 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/20/2020 4:50:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.383 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067303.D
Acq: 19 Oct 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	33.4	17.3	51.9

