

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067456.D
 Acq On : 29 Oct 2020 17:08
 Operator : VA/SY
 Sample : L4560-05MSD
 Misc : 6.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:34:57 PM

Quant Time: Oct 30 03:26:06 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	12174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	21426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	21962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	13759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	11372	93.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.48%	
35) Dibromofluoromethane	7.92	113	8115	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
50) Toluene-d8	10.34	98	28127	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.64	95	10436	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	3592	35.489	ug/l #	67
3) Chloromethane	2.20	50	3215	41.962	ug/l	98
4) Vinyl Chloride	2.35	62	3504	41.682	ug/l	89
5) Bromomethane	2.77	94	4051	70.198	ug/l	88
6) Chloroethane	2.93	64	2799	53.463	ug/l #	83
7) Trichlorofluoromethane	3.27	101	8948	42.271	ug/l	86
8) Diethyl Ether	3.72	74	4192	86.542	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.10	101	4430	39.390	ug/l	93
10) Methyl Iodide	4.30	142	4402	42.431	ug/l #	98
11) Tert butyl alcohol	5.22	59	5001	908.836	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	5417	53.914	ug/l #	78
13) Acrolein	3.91	56	4910	636.879	ug/l #	64
14) Allyl chloride	4.73	41	4850	42.151	ug/l #	31
15) Acrylonitrile	5.43	53	15231	942.358	ug/l #	90
16) Acetone	4.16	43	18186	1064.677	ug/l	94
17) Carbon Disulfide	4.41	76	11247	39.266	ug/l #	92
18) Methyl Acetate	4.71	43	4773	122.510	ug/l #	55
19) Methyl tert-butyl Ether	5.48	73	18628	93.241	ug/l	93
20) Methylene Chloride	4.97	84	10535	100.851	ug/l #	81
21) trans-1,2-Dichloroethene	5.47	96	6248	54.037	ug/l	89
22) Diisopropyl ether	6.36	45	13847	65.878	ug/l #	87
23) Vinyl Acetate	6.30	43	44801	374.648	ug/l #	72
24) 1,1-Dichloroethane	6.27	63	11107	61.731	ug/l #	90
25) 2-Butanone	7.21	43	19105	981.208	ug/l	98
26) 2,2-Dichloropropane	7.21	77	9694	52.272	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	8053	63.550	ug/l	94
28) Bromochloromethane	7.55	49	5386	87.762	ug/l #	90
29) Tetrahydrofuran	7.56	42	10852	1002.636	ug/l	96
30) Chloroform	7.71	83	14888	69.266	ug/l	93
31) Cyclohexane	7.97	56	4674	33.272	ug/l #	77
32) 1,1,1-Trichloroethane	7.90	97	10666	50.576	ug/l	95
36) 1,1-Dichloropropene	8.12	75	6936	38.194	ug/l	96
37) Ethyl Acetate	7.31	43	8447	158.096	ug/l #	86
38) Carbon Tetrachloride	8.10	117	8578	36.958	ug/l #	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	5193	27.353	ug/l	87
40) Benzene	8.36	78	23801	47.774	ug/l	98
41) Methacrylonitrile	7.53	41	4365	151.181	ug/l #	74
42) 1,2-Dichloroethane	8.44	62	12081	77.487	ug/l	96
43) Isopropyl Acetate	8.45	43	12492	117.828	ug/l #	84
44) Trichloroethene	9.12	130	7203	45.157	ug/l	78
45) 1,2-Dichloropropane	9.40	63	6917	59.907	ug/l	93
46) Dibromomethane	9.48	93	6226	86.546	ug/l	92
47) Bromodichloromethane	9.67	83	13829	71.750	ug/l	88
48) Methyl methacrylate	9.46	41	5590	108.498	ug/l	92
49) 1,4-Dioxane	9.46	88	2440	3583.348	ug/l #	81
51) 4-Methyl-2-Pentanone	10.23	43	34286	648.387	ug/l	100
52) Toluene	10.41	92	16017	47.203	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	12667	74.815	ug/l #	84
54) cis-1,3-Dichloropropene	10.10	75	12511	63.140	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	9423	96.057	ug/l	91
56) Ethyl methacrylate	10.67	69	9525	93.623	ug/l	91
57) 1,3-Dichloropropane	10.95	76	13550	86.795	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	22335	427.943	ug/l	94
59) 2-Hexanone	10.99	43	25701	711.274	ug/l	96
60) Dibromochloromethane	11.15	129	13228	92.464	ug/l	87
61) 1,2-Dibromoethane	11.25	107	9335	96.525	ug/l	99
64) Tetrachloroethene	10.88	164	7886	49.560	ug/l #	89
65) Chlorobenzene	11.67	112	20364	48.354	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.75	131	10237	61.159	ug/l	95
67) Ethyl Benzene	11.75	91	26712	37.001	ug/l	94
68) m/p-Xylenes	11.86	106	21427	77.075	ug/l	93
69) o-Xylene	12.18	106	10874	42.240	ug/l	92
70) Styrene	12.20	104	18380	41.476	ug/l	97
71) Bromoform	12.36	173	8512	94.660	ug/l #	92
73) Isopropylbenzene	12.48	105	25632	29.353	ug/l	96
74) N-amyl acetate	12.29	43	8400	63.691	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	12034	89.940	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	9122m	95.656	ug/l	
77) Bromobenzene	12.77	156	9973	45.809	ug/l	80
78) n-propylbenzene	12.83	91	28847	28.512	ug/l	99
79) 2-Chlorotoluene	12.91	91	20077	34.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	20284	26.730	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.53	75	3058	72.718	ug/l #	89
82) 4-Chlorotoluene	13.01	91	22875	36.733	ug/l	98
83) tert-Butylbenzene	13.23	119	17898	27.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	22195	29.593	ug/l	99
85) sec-Butylbenzene	13.41	105	22821	25.946	ug/l	94
86) p-Isopropyltoluene	13.52	119	22300	26.862	ug/l	96
87) 1,3-Dichlorobenzene	13.52	146	18042	43.056	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	18610	44.826	ug/l	95
89) n-Butylbenzene	13.85	91	19501	26.701	ug/l	98
90) Hexachloroethane	14.11	117	4289	29.606	ug/l	89
91) 1,2-Dichlorobenzene	13.89	146	16965	46.344	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.52	75	2260	92.975	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	10170	41.206	ug/l	100
94) Hexachlorobutadiene	15.28	225	4617	30.124	ug/l	94
95) Naphthalene	15.41	128	25795	63.657	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.60	180	10546	49.460	ug/l	94

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

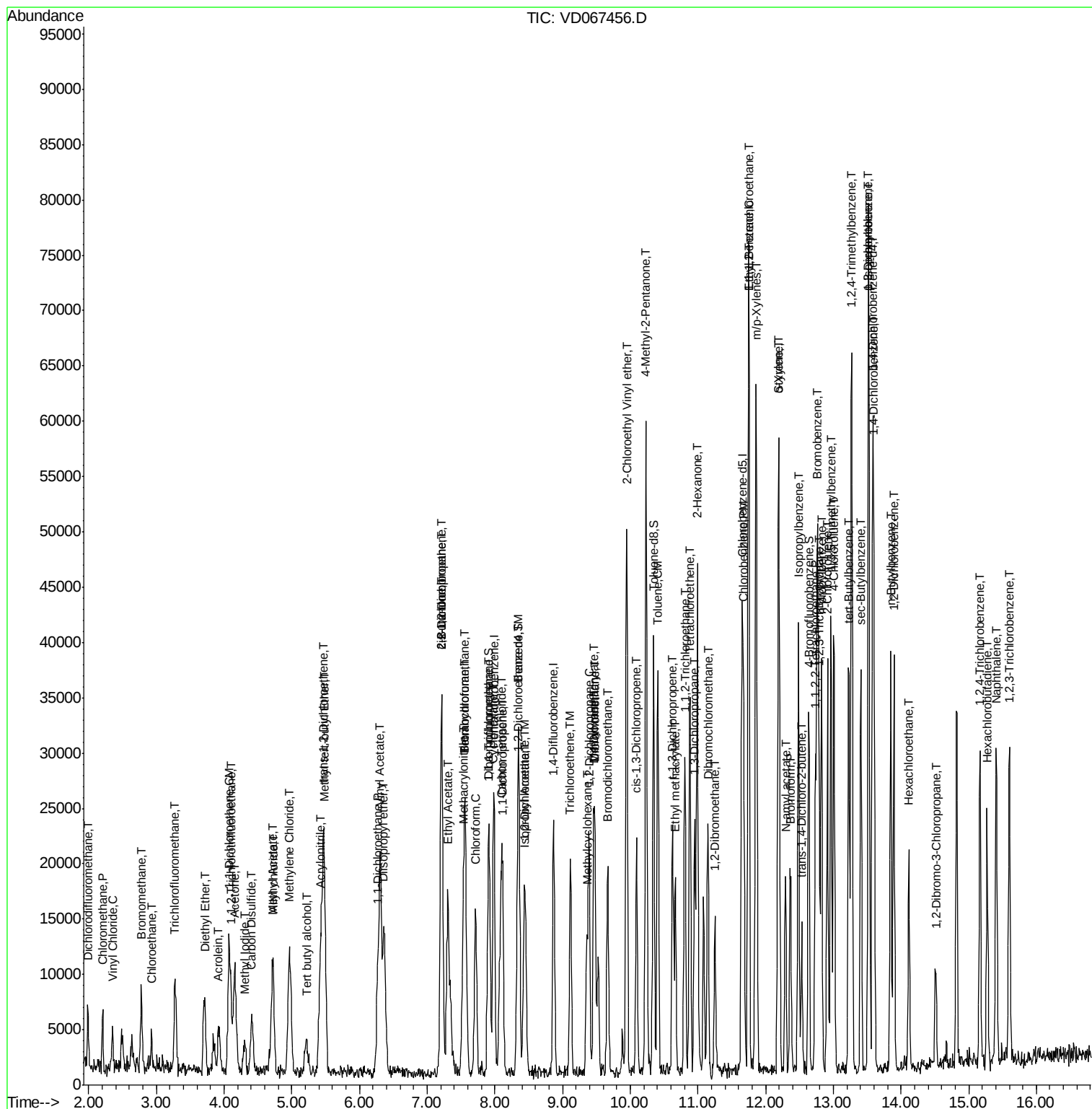
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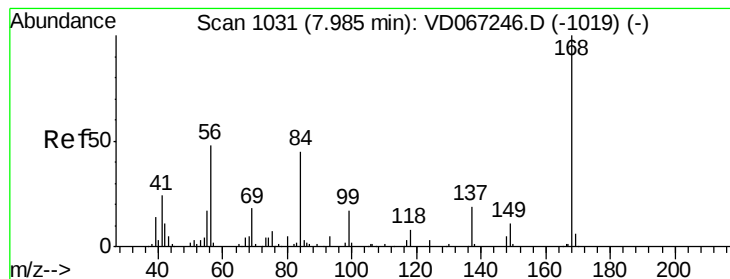
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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ClientSampleId :

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Tot Ion:168 Resp: 12174

Ion Ratio Lower Upper

168 100

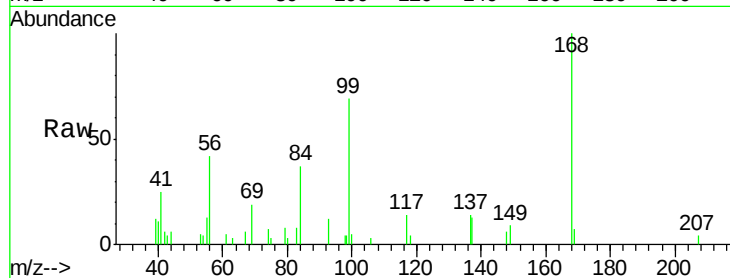
99 69.5 45.9 68.9#

Manual Integrations

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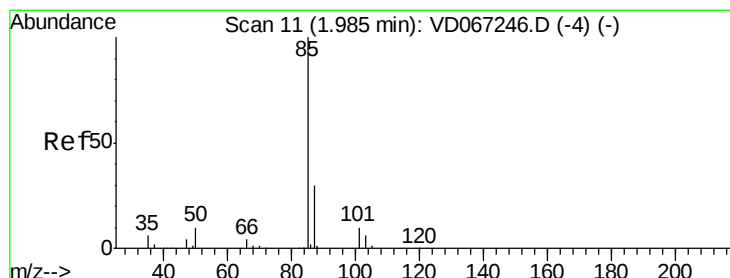
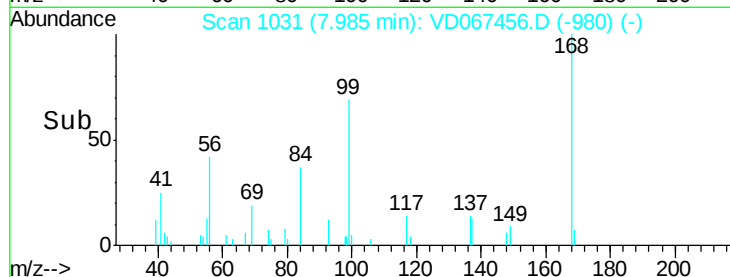
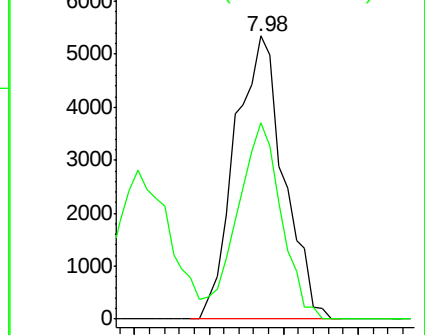
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 35.489 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067456.D

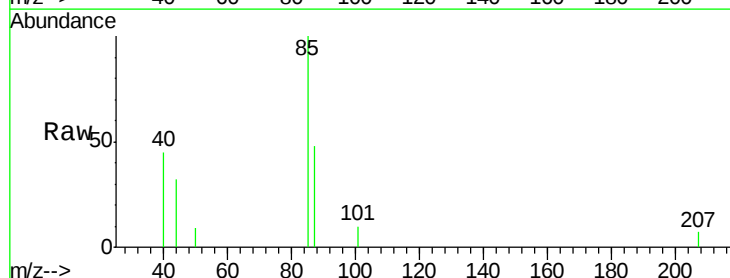
Acq: 29 Oct 2020 17:08

Tgt Ion: 85 Resp: 3592

Ion Ratio Lower Upper

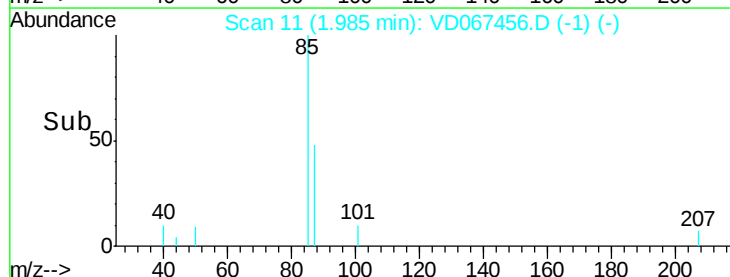
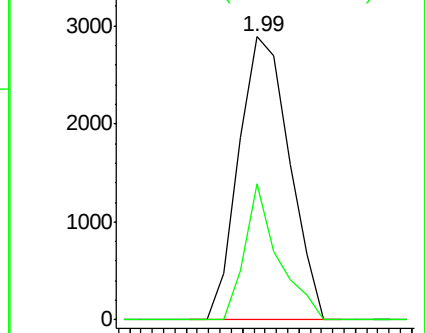
85 100

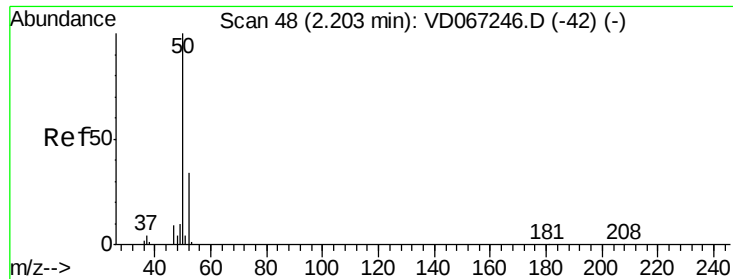
87 48.3 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.962 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 50 Resp: 3215

Ion Ratio Lower Upper

50 100

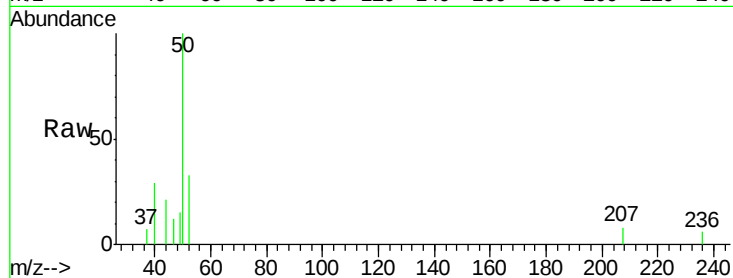
52 33.0 27.1 40.7

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

2.20

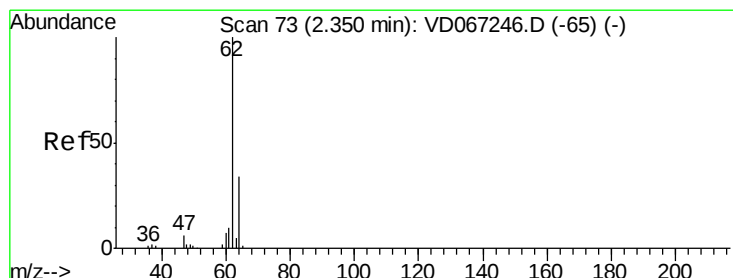
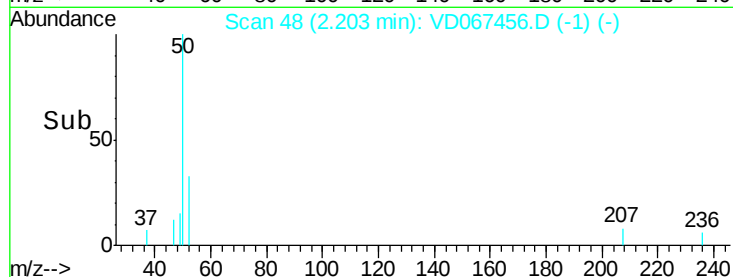
2.20

2.20

2.20

2.20

2.20



#4

Vinyl Chloride

Concen: 41.682 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067456.D

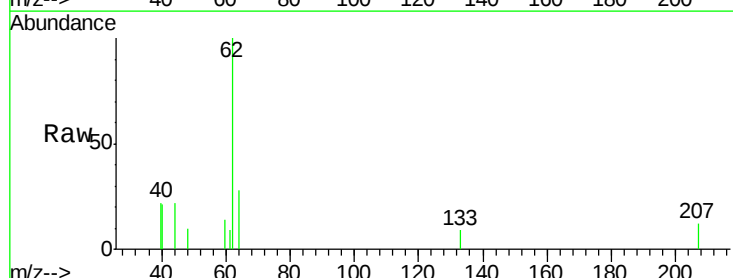
Acq: 29 Oct 2020 17:08

Tgt Ion: 62 Resp: 3504

Ion Ratio Lower Upper

62 100

64 27.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

2.35

2.35

2.35

2.35

2.35

2.35

2.35

2.35

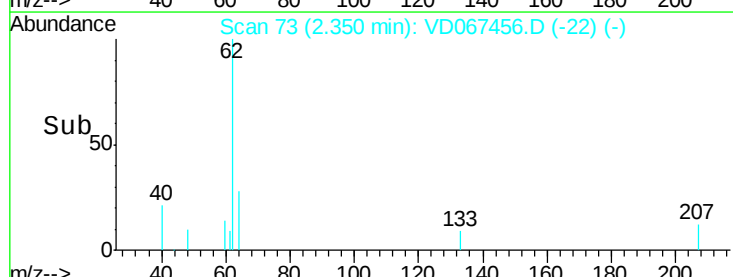
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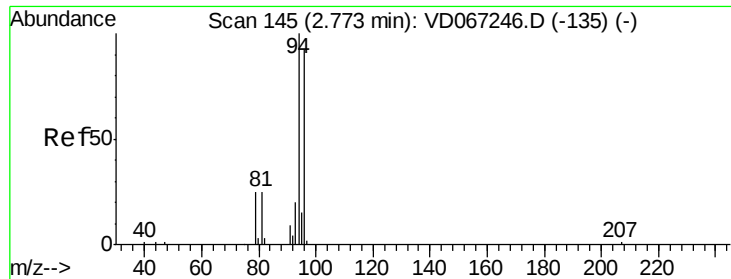
2.35

2.35

2.35

2.35





#5

Bromomethane

Concen: 70.198 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

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Tot Ion: 94 Resp: 4051

Ion Ratio Lower Upper

94 100

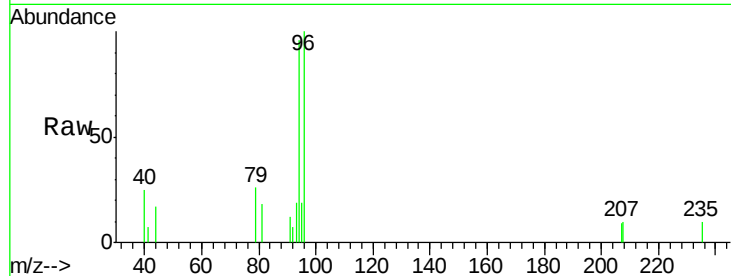
96 103.9 73.8 110.6

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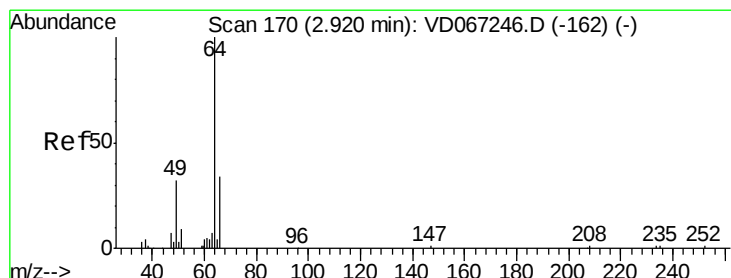
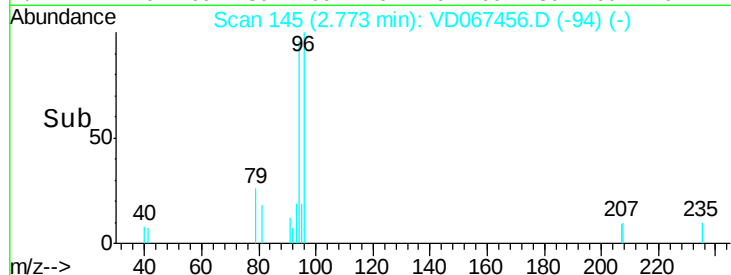
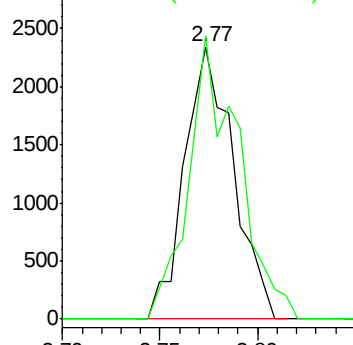
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 53.463 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067456.D

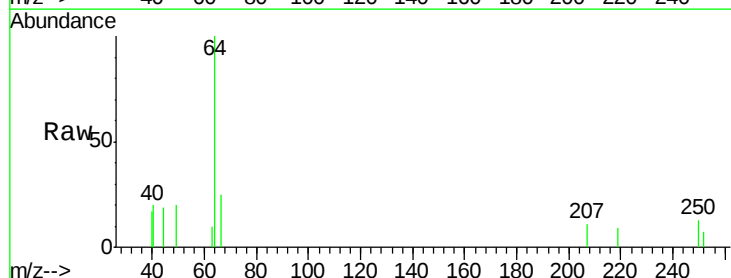
Acq: 29 Oct 2020 17:08

Tgt Ion: 64 Resp: 2799

Ion Ratio Lower Upper

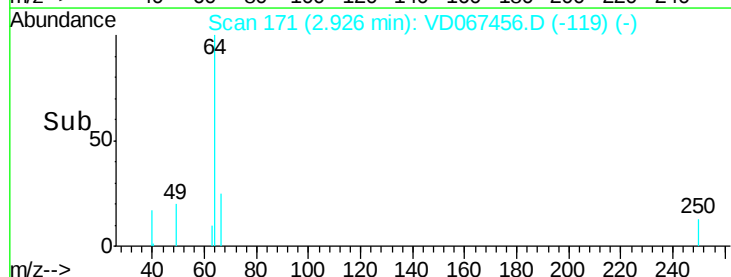
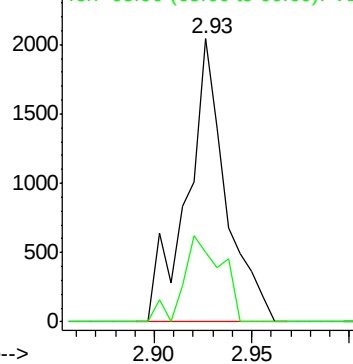
64 100

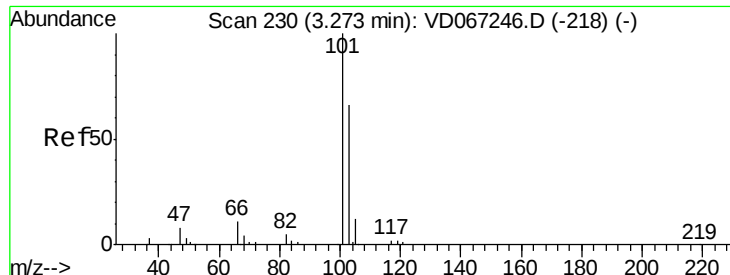
66 24.6 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

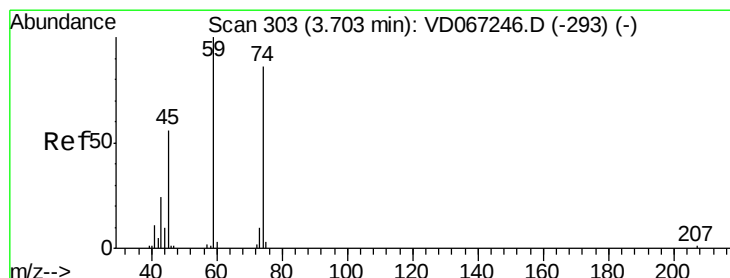
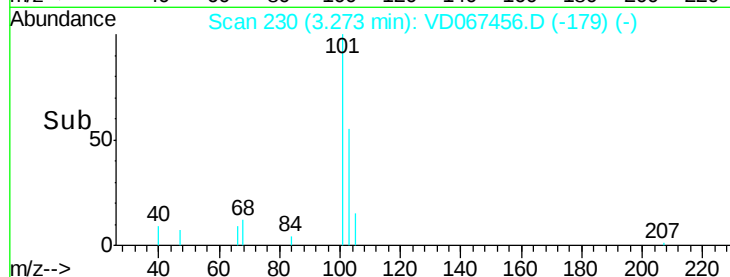
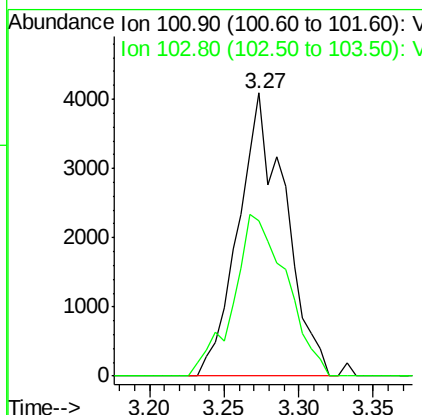
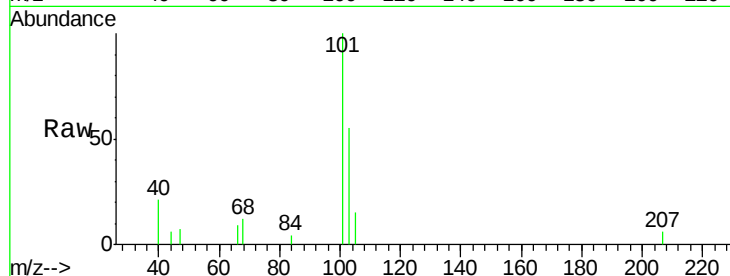
Trichlorofluoromethane
Concen: 42.271 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067456.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	55.0	53.1	79.7

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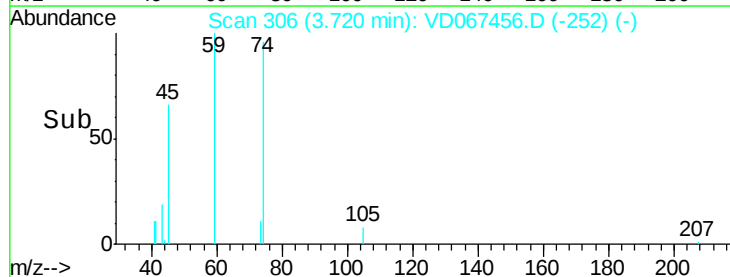
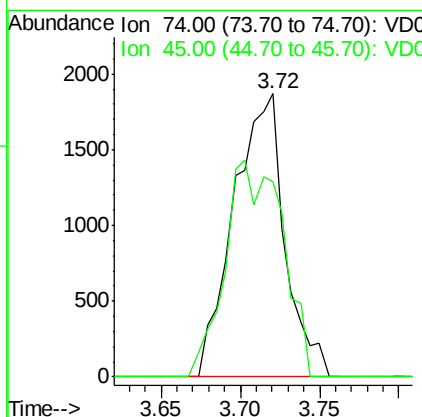
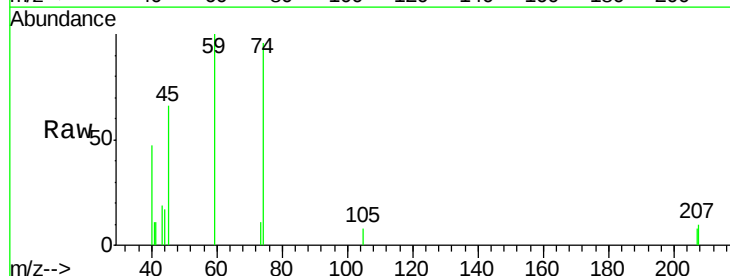
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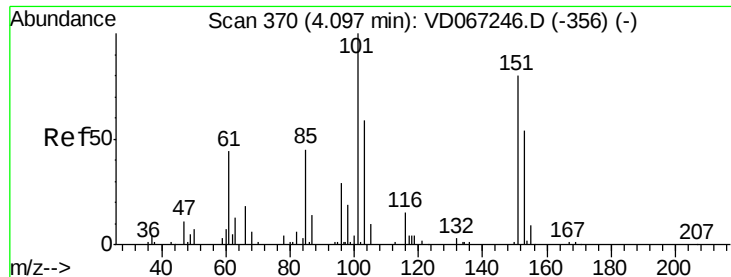


#8

Diethyl Ether
Concen: 86.542 ug/l
RT: 3.72 min Scan# 306
Delta R.T. 0.02 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.1	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.390 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

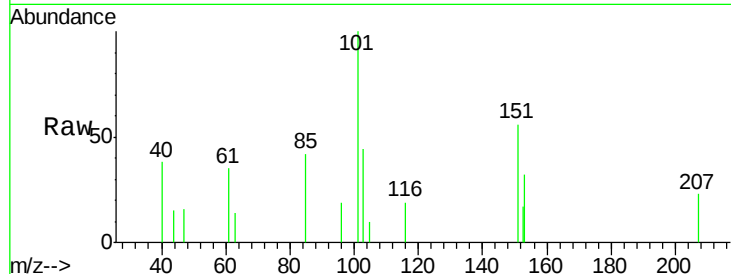
ClientSampleId :

B308-B309-LOC2SO-0003MSD

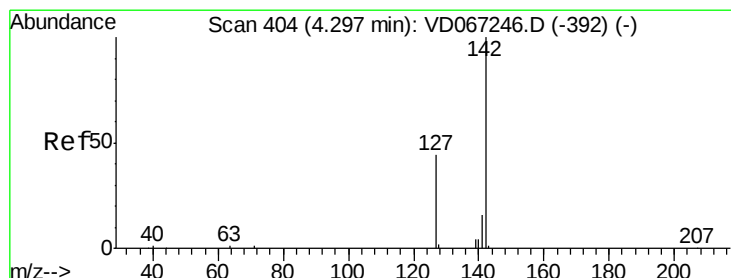
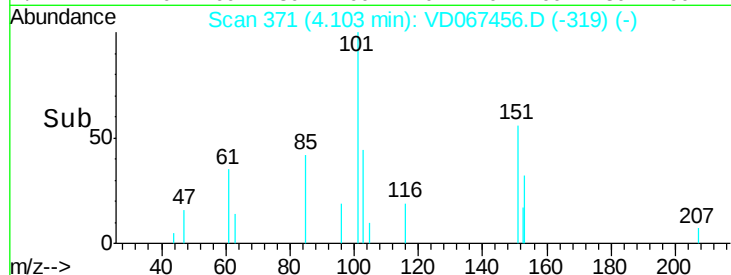
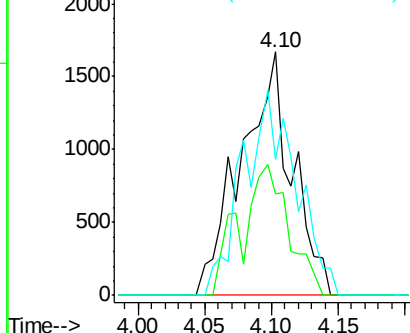
Tot Ion:	101	Resp:	4430
Ion Ratio	Lower	Upper	
101	100		
85	37.7	34.2	51.4
151	88.2	66.3	99.5

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.431 ug/l

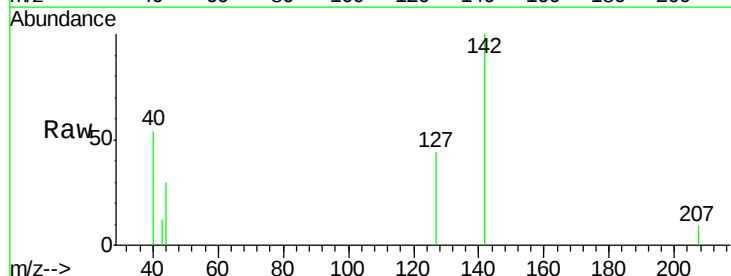
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

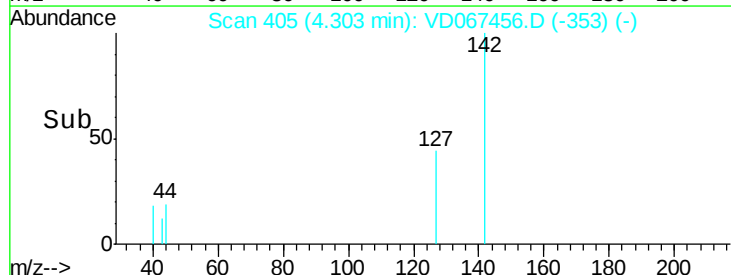
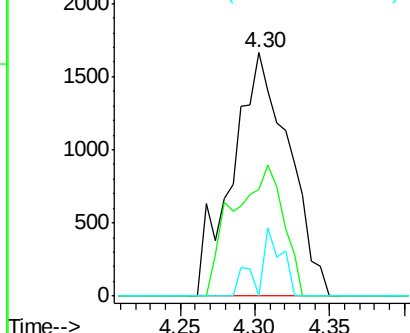
Lab File: VD067456.D

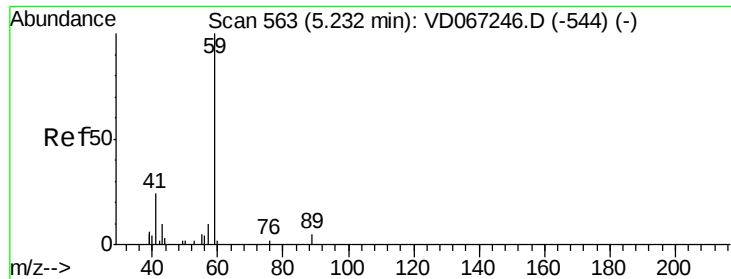
Acq: 29 Oct 2020 17:08

Tgt Ion:	142	Resp:	4402
Ion Ratio	Lower	Upper	
142	100		
127	47.5	38.4	57.6
141	11.4	11.6	17.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





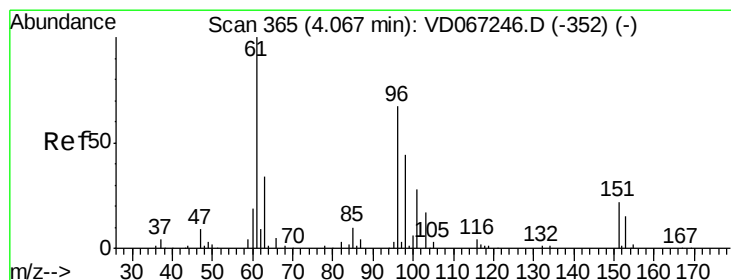
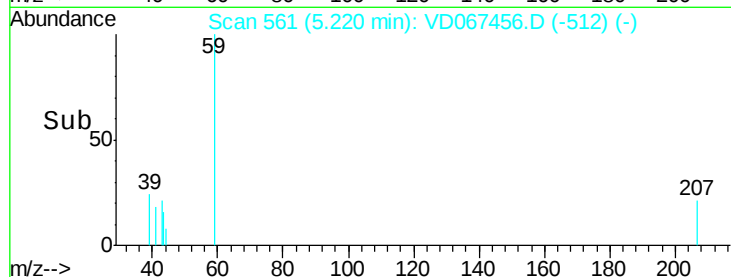
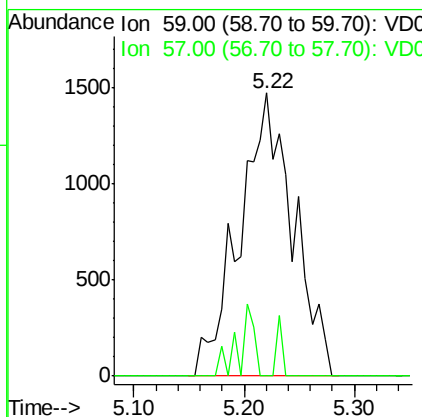
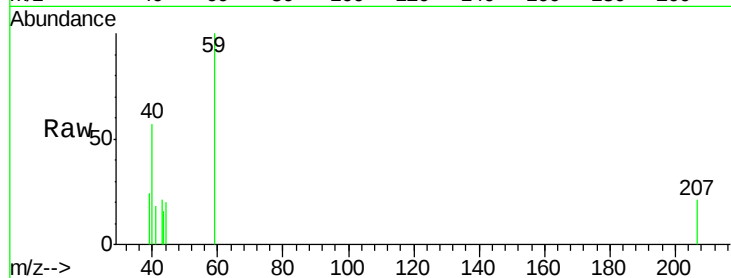
#11
Tert butyl alcohol
Concen: 908.836 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion: 59 Resp: 5001
Ion Ratio Lower Upper
59 100
57 2.2 5.1 7.7#

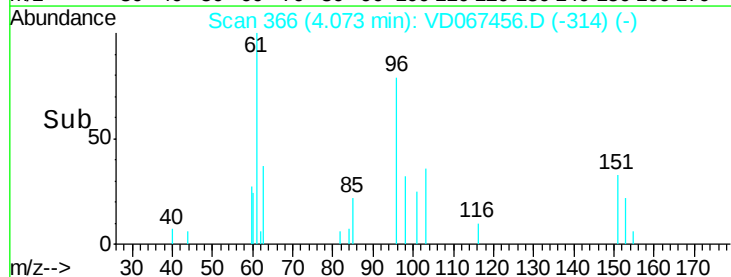
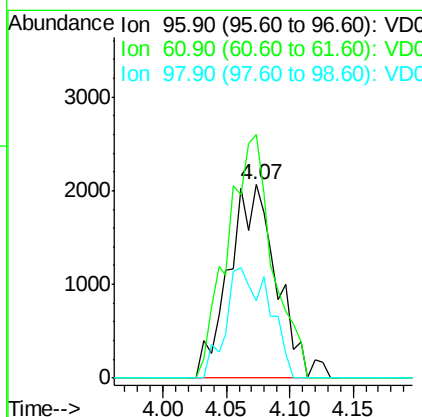
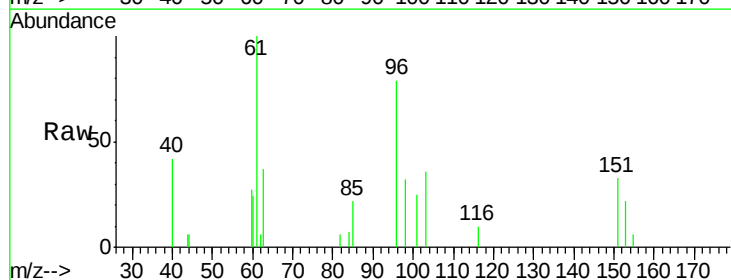
Manual Integrations
APPROVED

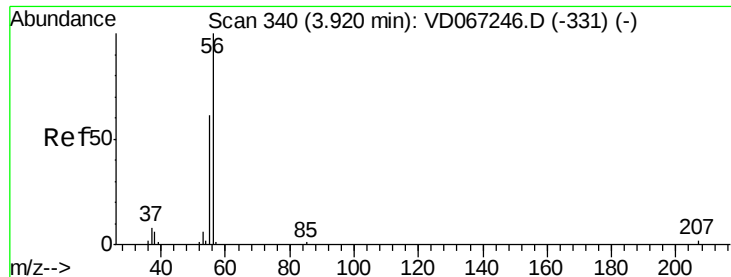
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.914 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion: 96 Resp: 5417
Ion Ratio Lower Upper
96 100
61 126.0 118.6 177.8
98 39.9 51.8 77.6#





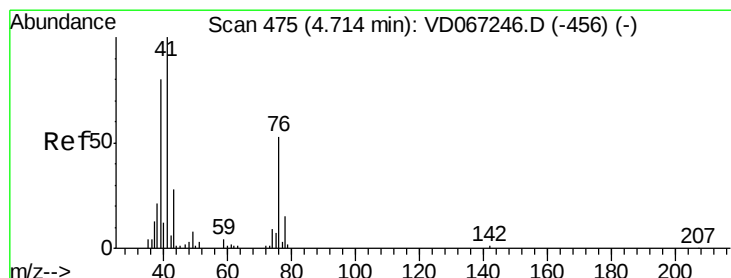
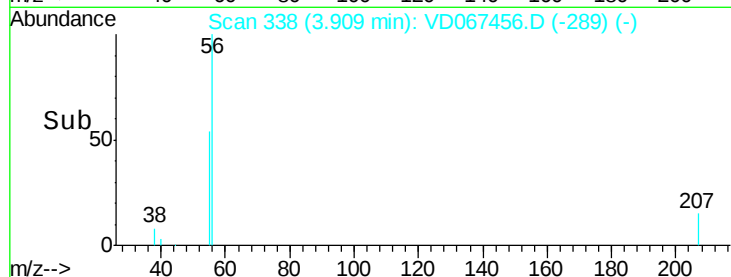
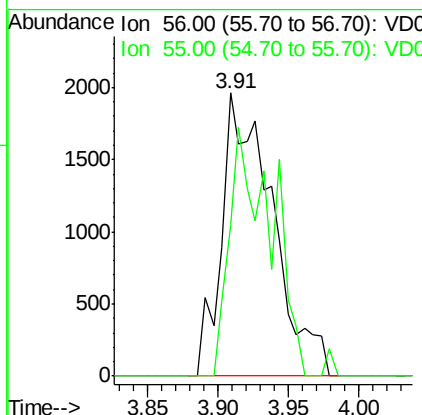
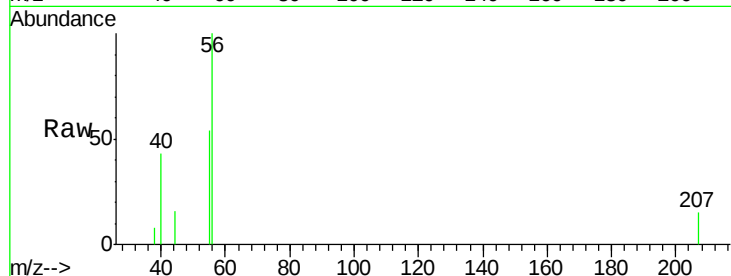
#13
Acrolein
Concen: 636.879 ug/l
RT: 3.91 min Scan# 338
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	56	Resp	4910
Ion Ratio	100	Lower	Upper
55	40.7	56.0	84.0#

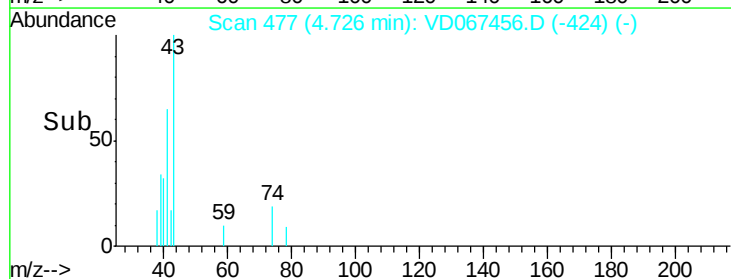
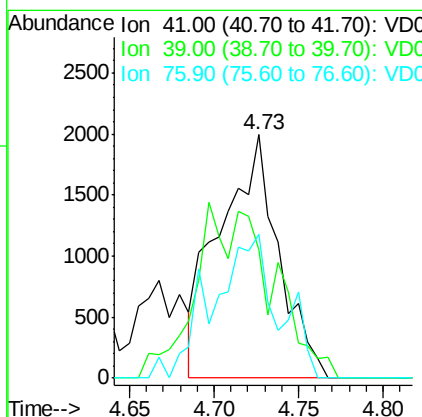
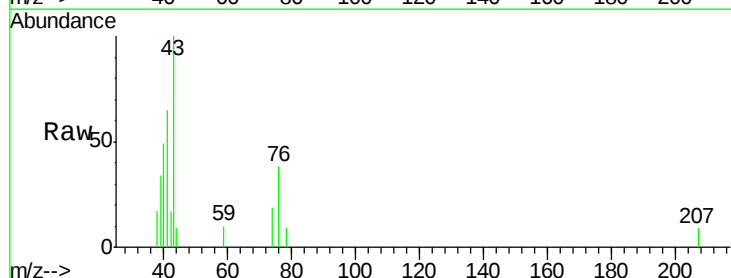
Manual Integrations
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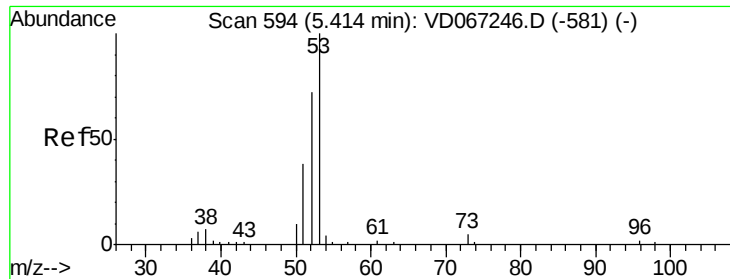
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#14
Allyl chloride
Concen: 42.151 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	41	Resp	4850
Ion Ratio	100	Lower	Upper
39	0.0	63.8	95.6#
76	26.6	40.4	60.6#





#15

Acrylonitrile

Concen: 942.358 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

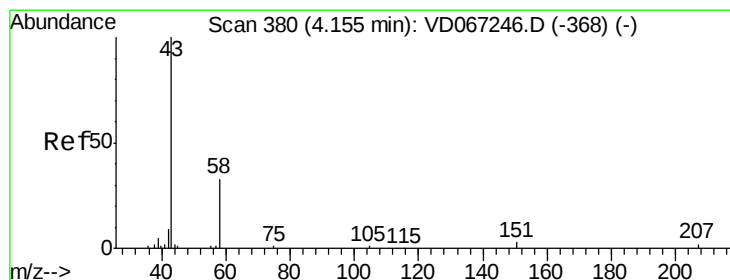
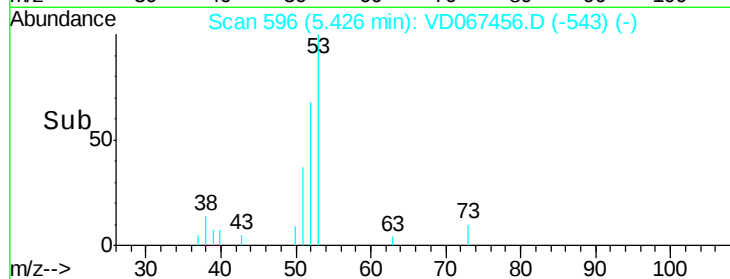
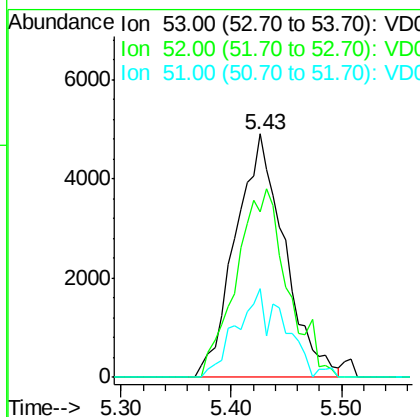
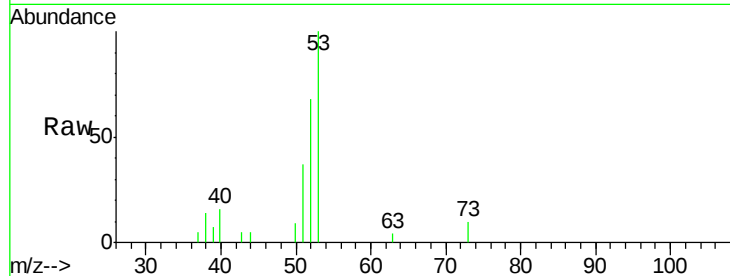
ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion:	53	Resp:	15231
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.6	98.4
51	21.3	30.8	46.2#

Manual Integrations
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#16

Acetone

Concen: 1064.677 ug/l

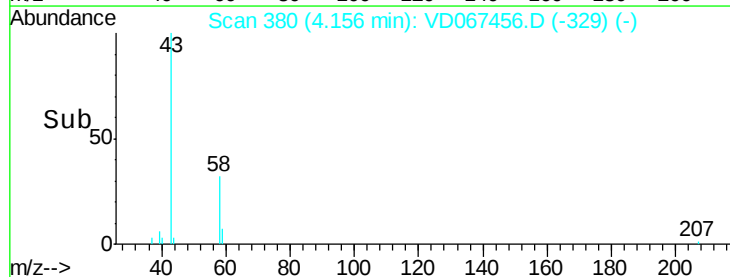
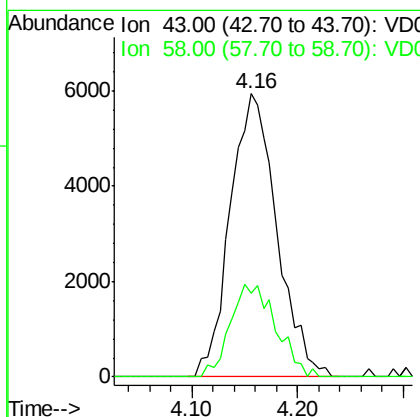
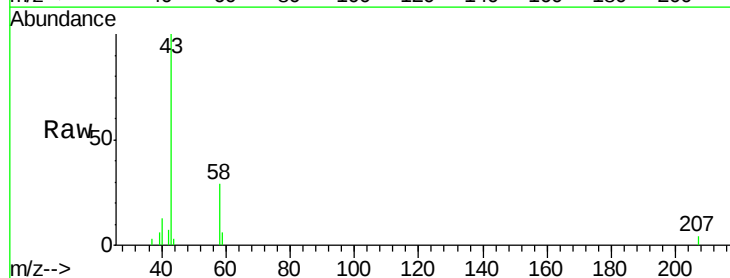
RT: 4.16 min Scan# 380

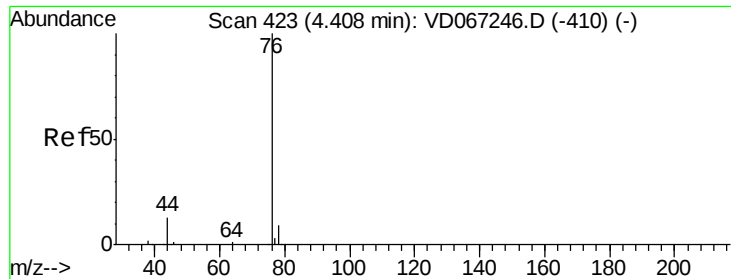
Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Tgt Ion:	43	Resp:	18186
Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.1	39.1





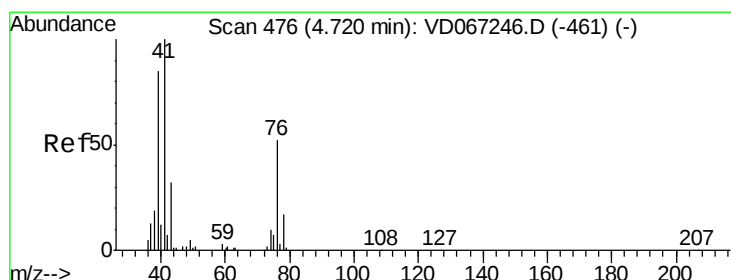
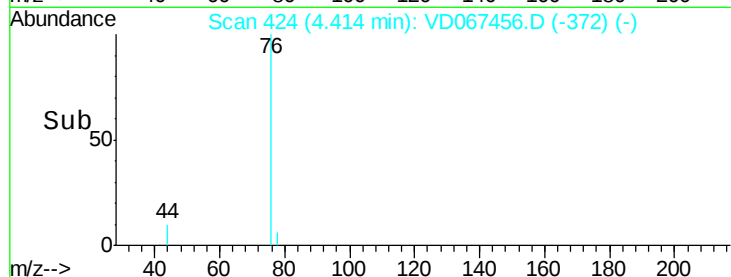
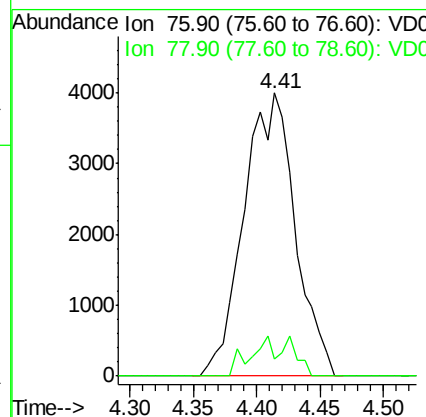
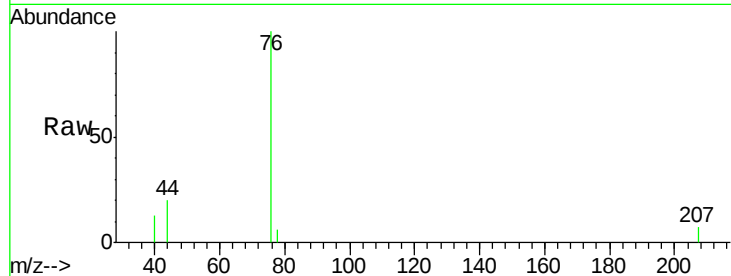
#17
Carbon Disulfide
Concen: 39.266 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion: 76 Resp: 11247
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.0#

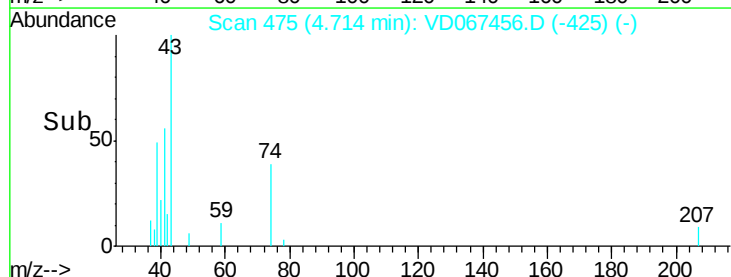
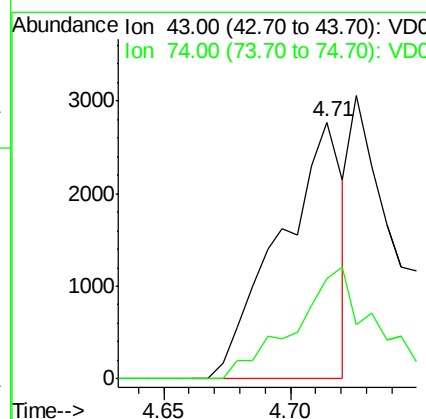
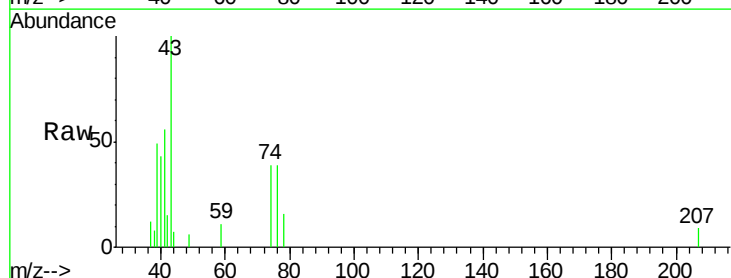
Manual Integrations
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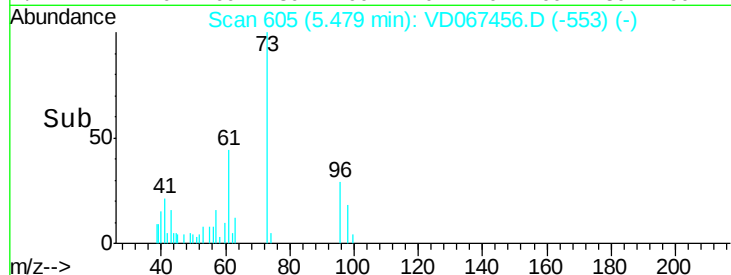
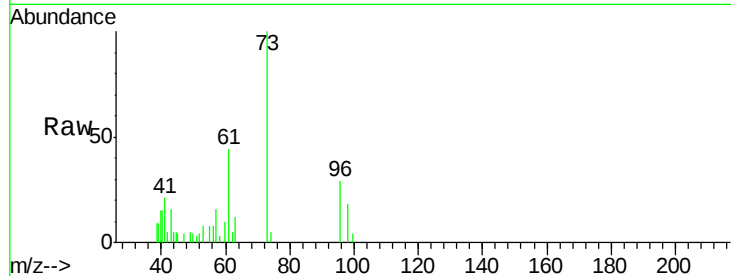
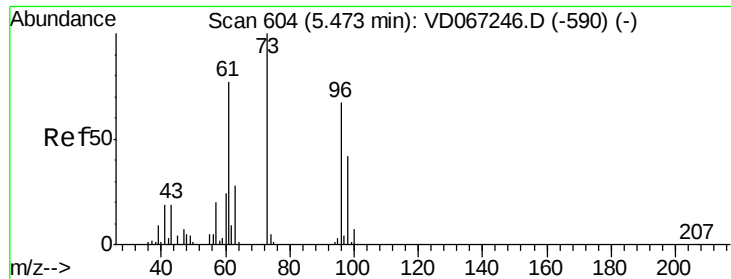
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#18
Methyl Acetate
Concen: 122.510 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion: 43 Resp: 4773
Ion Ratio Lower Upper
43 100
74 58.6 26.6 39.8#





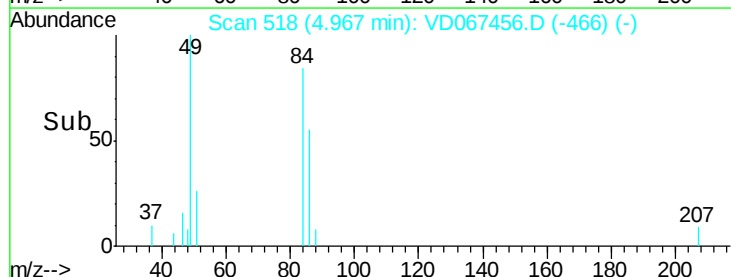
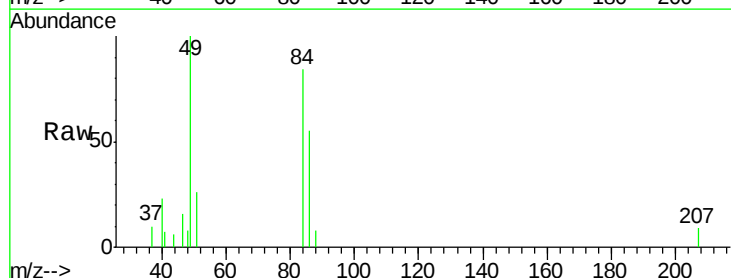
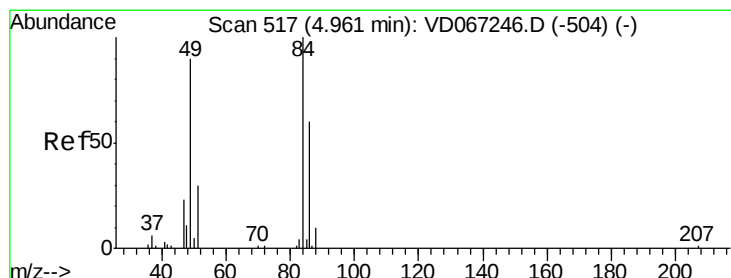
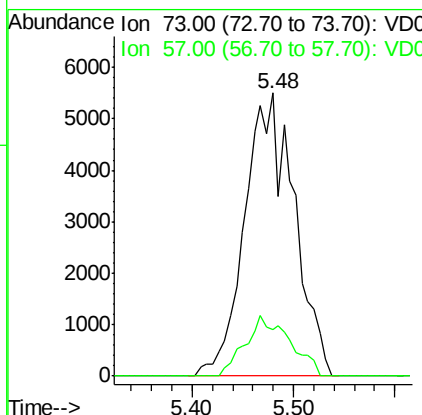
#19
Methyl tert-butyl Ether
Concen: 93.241 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tot Ion: 73 Resp: 18628
Ion Ratio Lower Upper
73 100
57 16.3 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

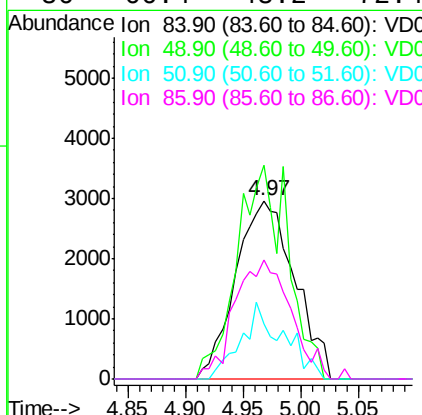
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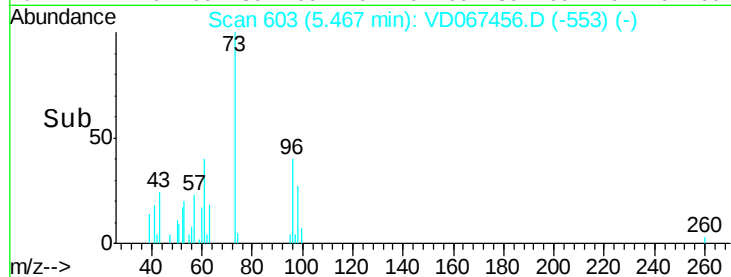
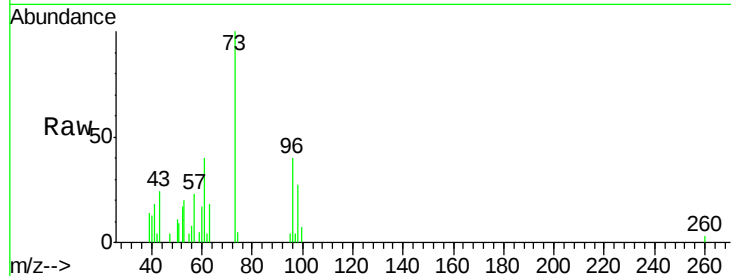
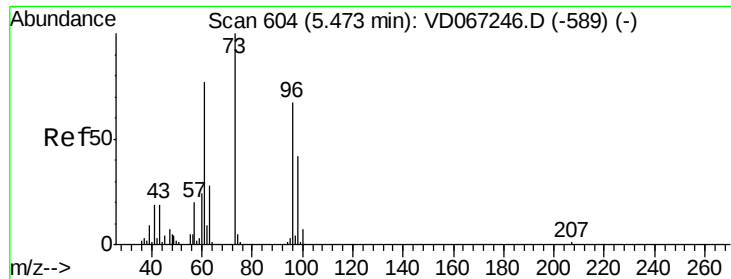
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#20
Methylene Chloride
Concen: 100.851 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion: 84 Resp: 10535
Ion Ratio Lower Upper
84 100
49 119.6 72.2 108.2#
51 31.2 23.8 35.8
86 66.4 48.2 72.4





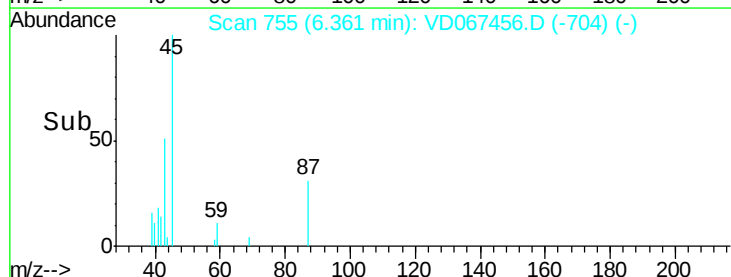
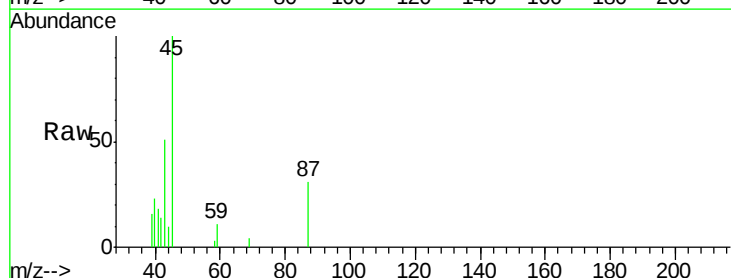
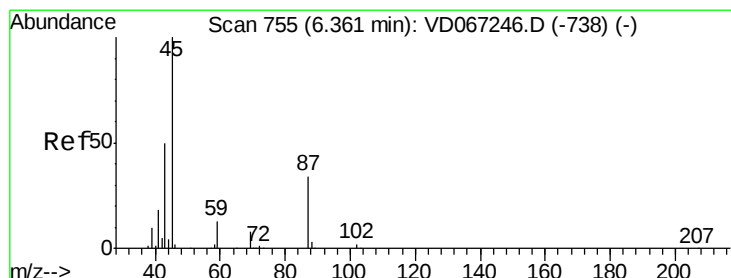
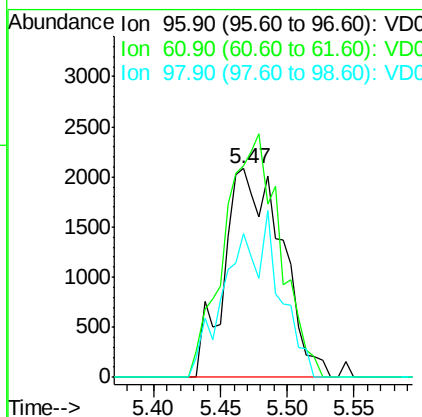
#21
trans-1,2-Dichloroethene
Concen: 54.037 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tot Ion	Ratio	Lower	Upper
96	100		
61	101.2	92.0	138.0
98	68.7	49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

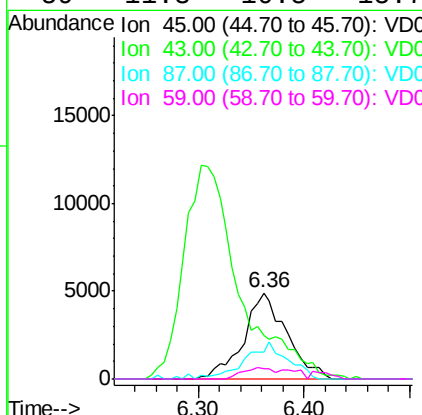
Manual Integrations
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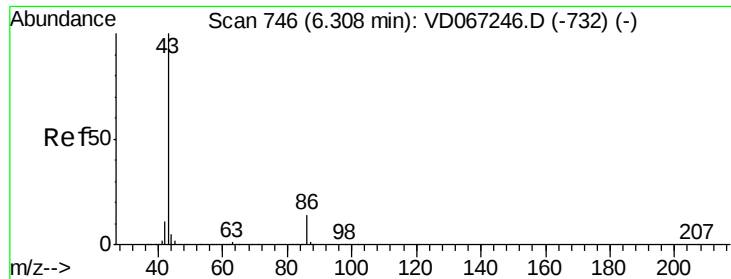
MMDadoda
10/30/2020 1:34:57 PM



#22
Diisopropyl ether
Concen: 65.878 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	46.6	48.0	72.0#
87	31.3	28.5	42.7
59	11.3	10.5	15.7





#23

Vinyl Acetate

Concen: 374.648 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 43 Resp: 44801

Ion Ratio Lower Upper

43 100

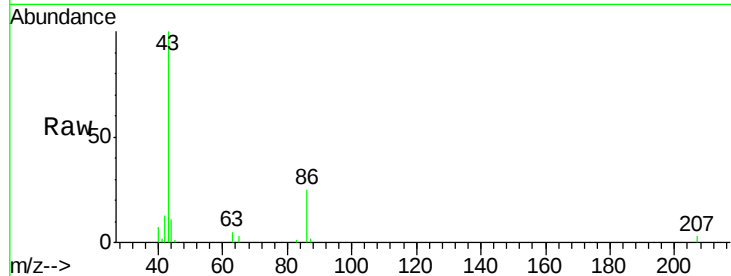
86 25.0 11.0 16.6#

Manual Integrations

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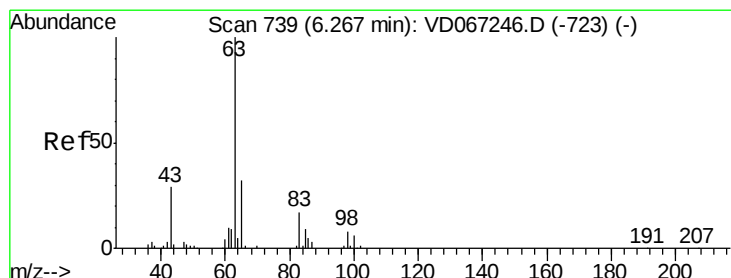
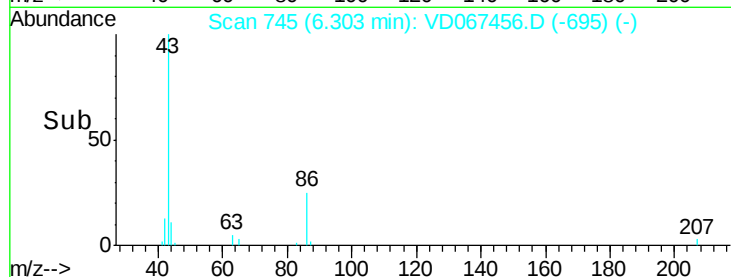
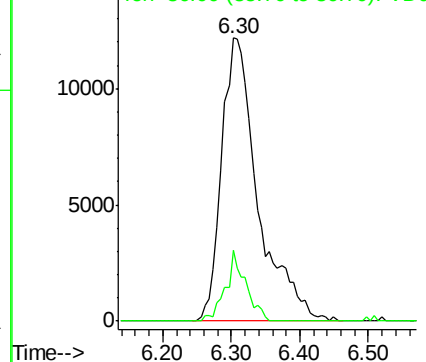
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 61.731 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

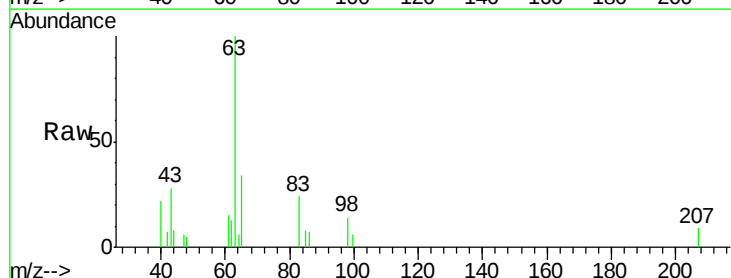
Tgt Ion: 63 Resp: 11107

Ion Ratio Lower Upper

63 100

98 14.2 4.0 12.2#

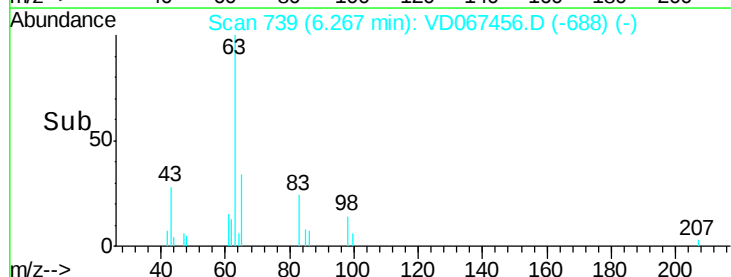
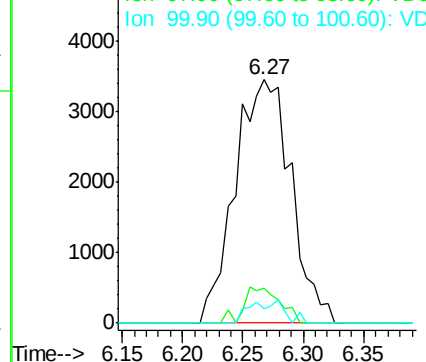
100 5.8 2.8 8.4

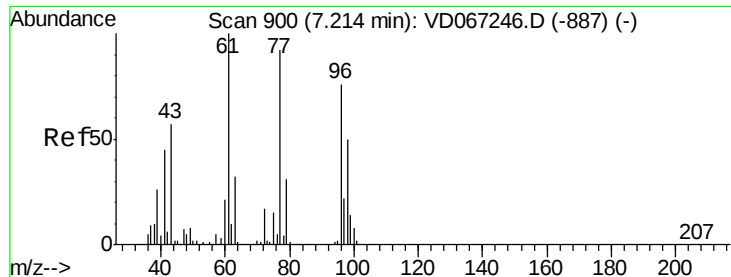


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 981.208 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 43 Resp: 19105

Ion Ratio Lower Upper

43 100

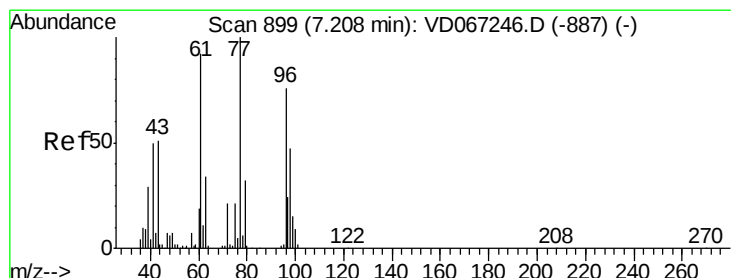
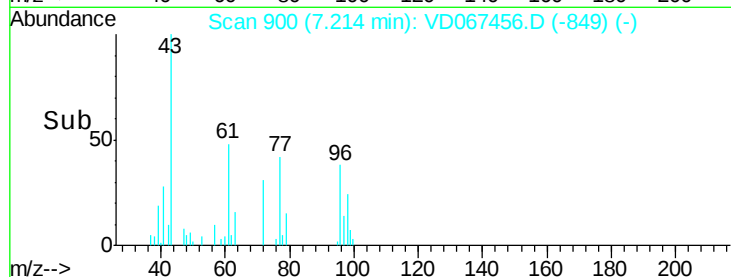
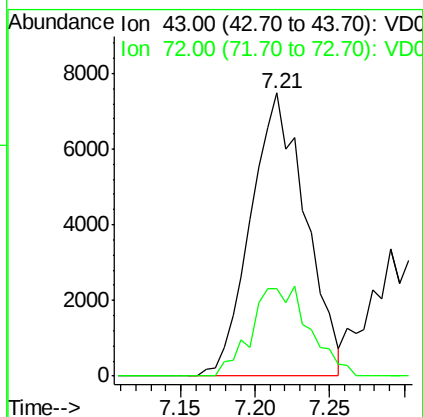
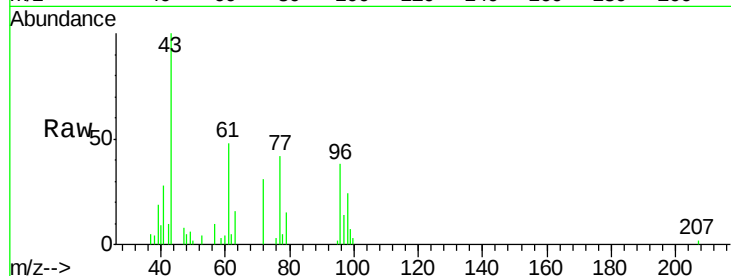
72 30.9 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.272 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067456.D

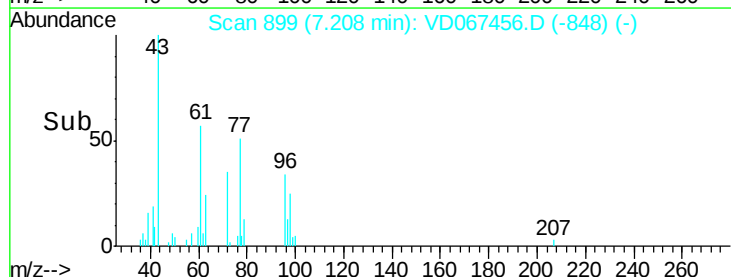
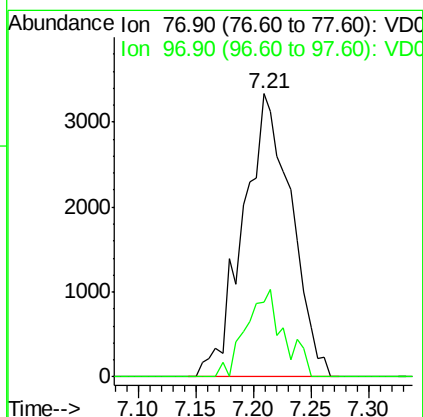
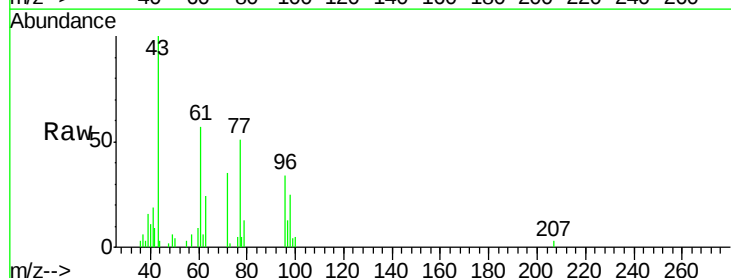
Acq: 29 Oct 2020 17:08

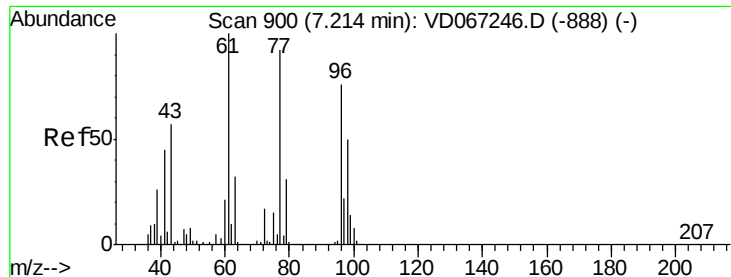
Tgt Ion: 77 Resp: 9694

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 63.550 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

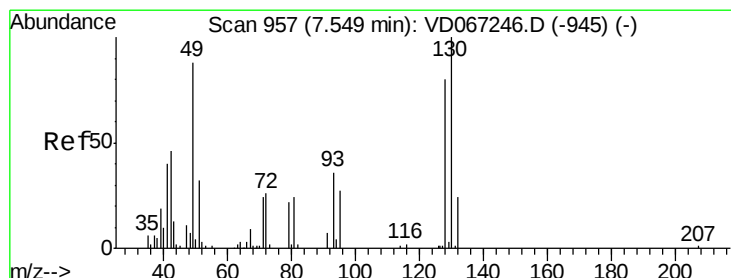
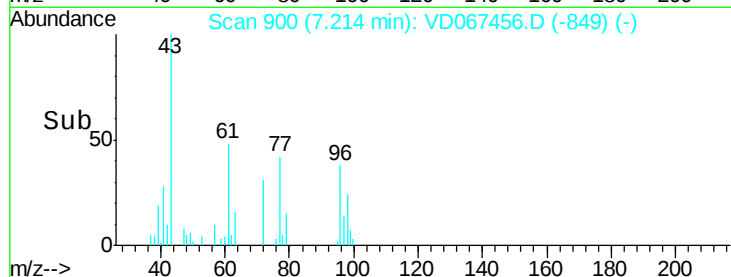
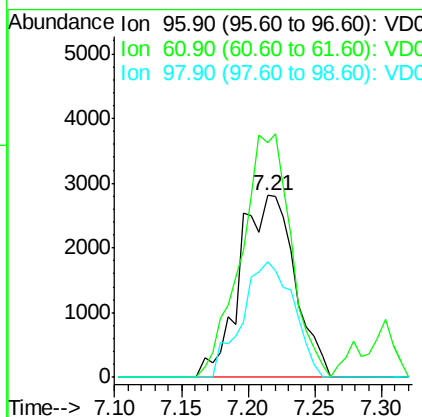
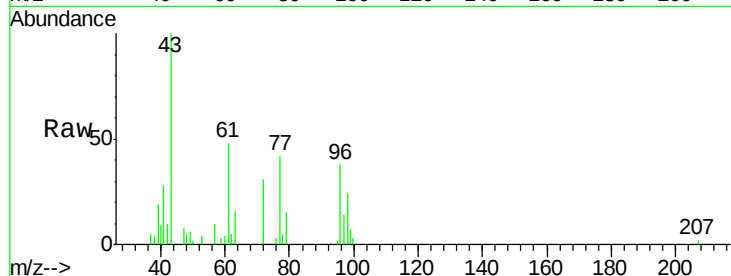
ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion:	96	Resp:	8053
Ion	Ratio	Lower	Upper
96	100		
61	121.0	0.0	255.4
98	59.2	0.0	128.0

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#28

Bromochloromethane

Concen: 87.762 ug/l

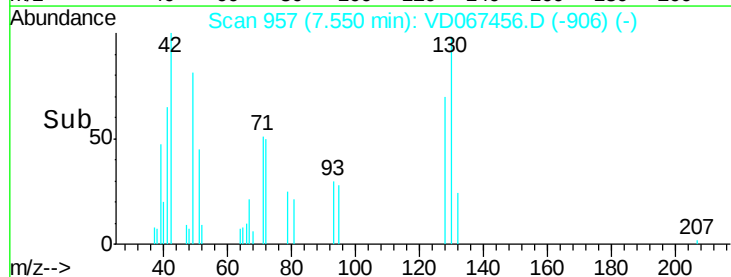
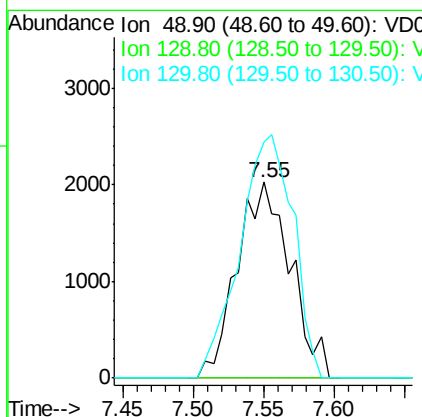
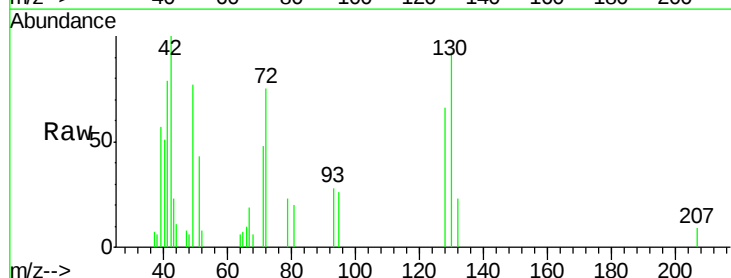
RT: 7.55 min Scan# 957

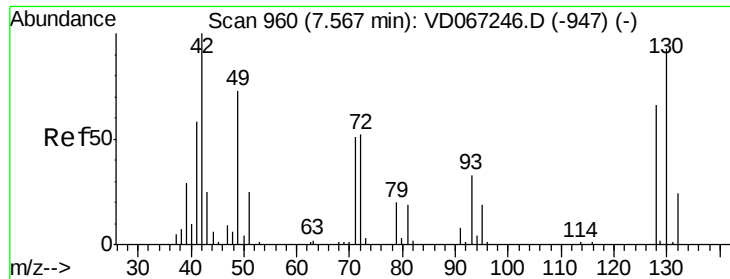
Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Tgt Ion:	49	Resp:	5386
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	124.2	91.0	136.6





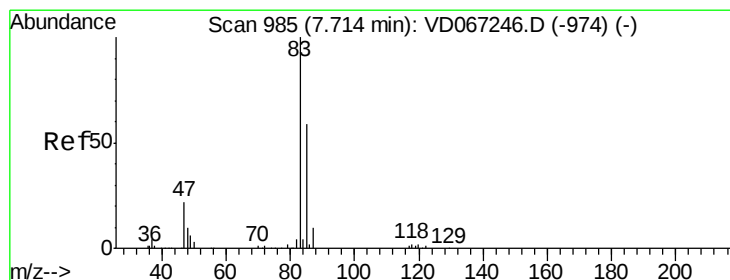
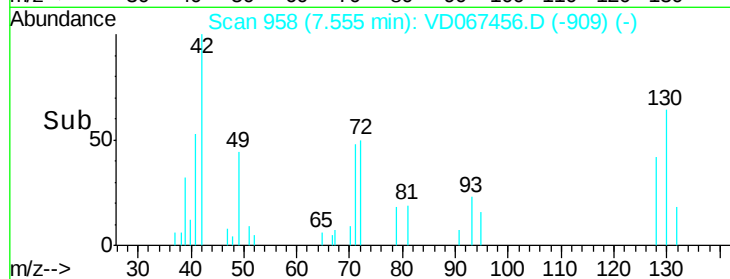
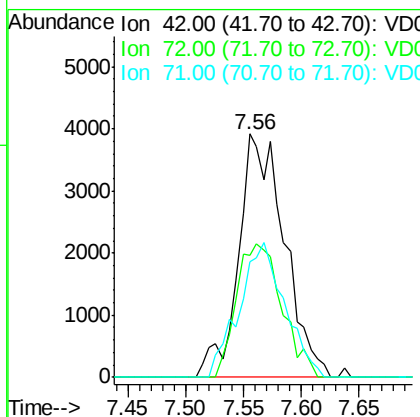
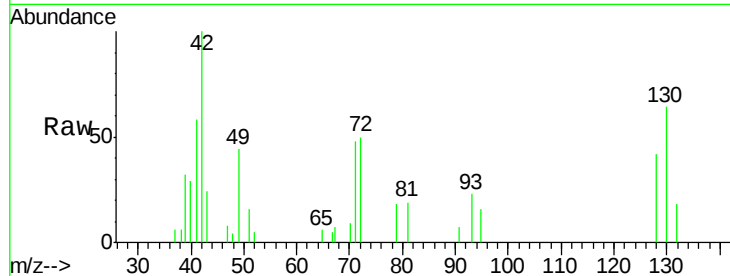
#29
Tetrahydrofuran
Concen: 1002.636 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.2	43.2	64.8
71	54.8	39.4	59.0

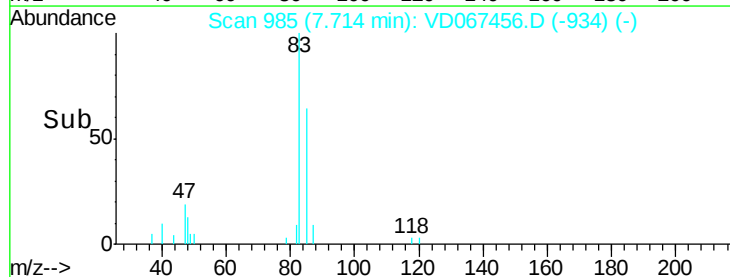
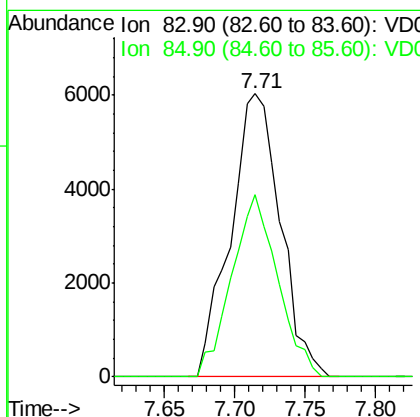
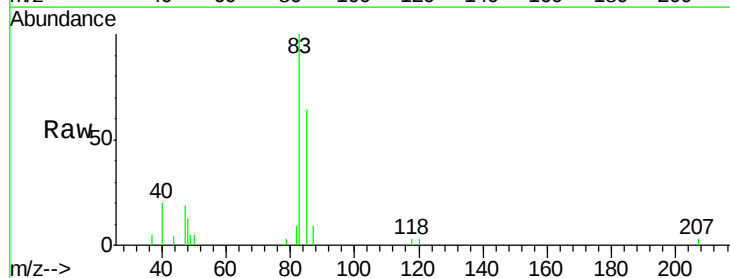
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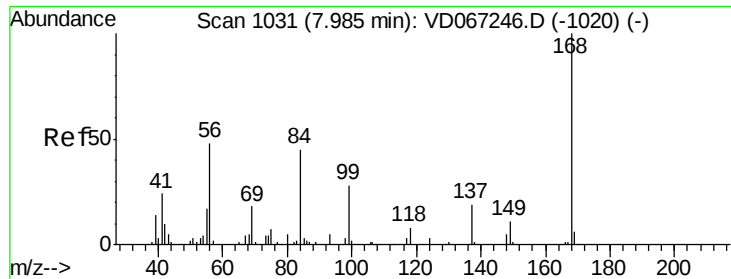
MMDadoda
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#30
Chloroform
Concen: 69.266 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	47.3	70.9





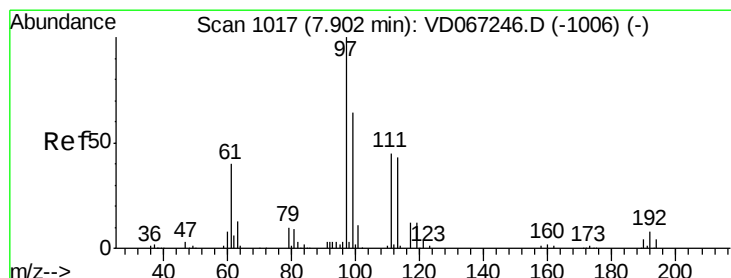
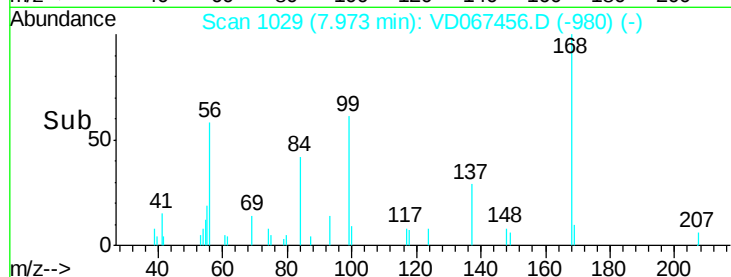
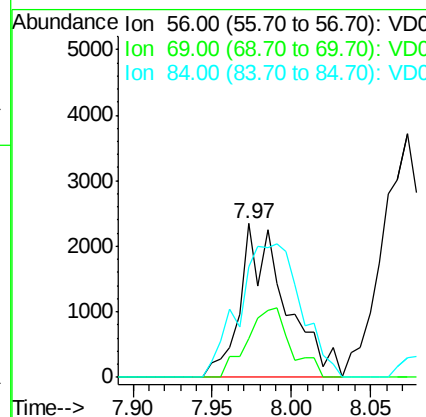
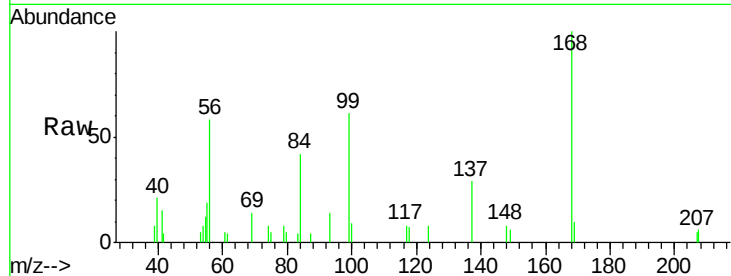
#31
Cyclohexane
Concen: 33.272 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion: 56 Resp: 4674
Ion Ratio Lower Upper
56 100
69 24.9 29.8 44.6#
84 72.1 76.6 114.8#

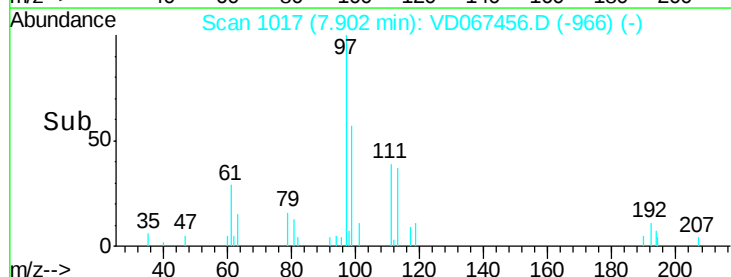
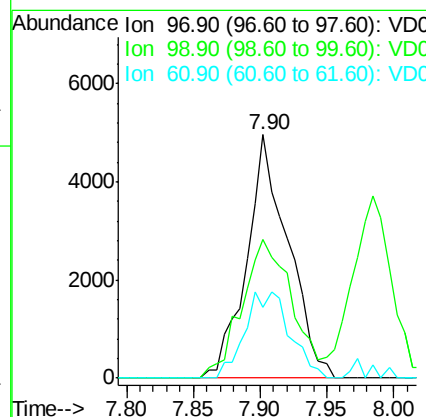
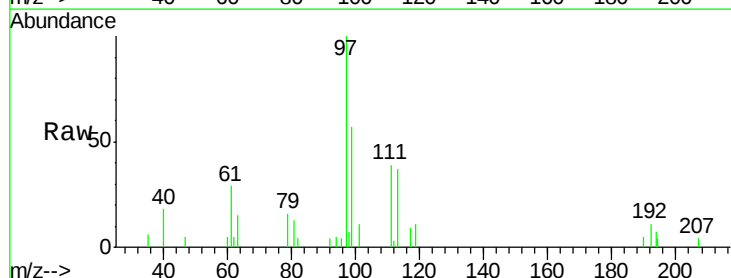
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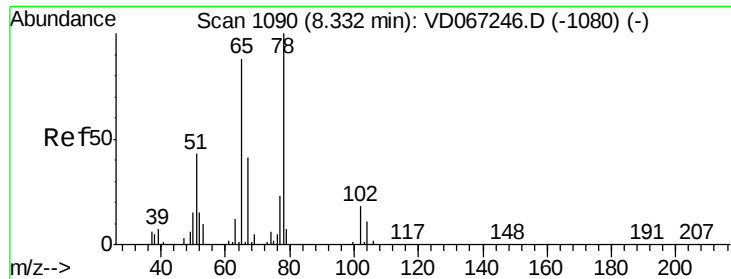
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#32
1,1,1-Trichloroethane
Concen: 50.576 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion: 97 Resp: 10666
Ion Ratio Lower Upper
97 100
99 68.3 50.2 75.4
61 38.6 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 93.240 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 65 Resp: 11372

Ion Ratio Lower Upper

65 100

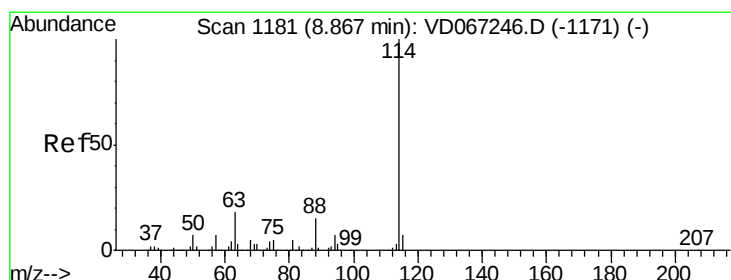
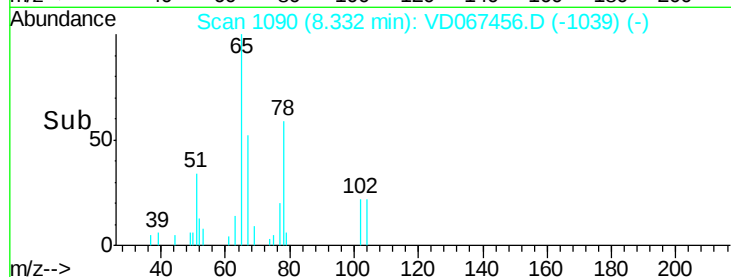
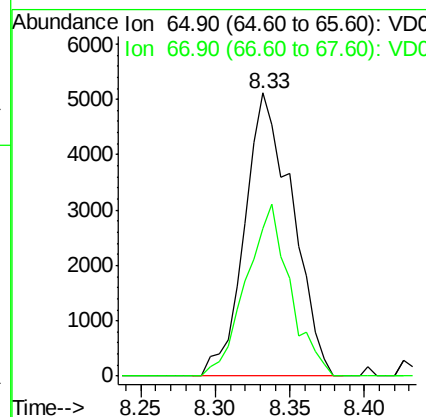
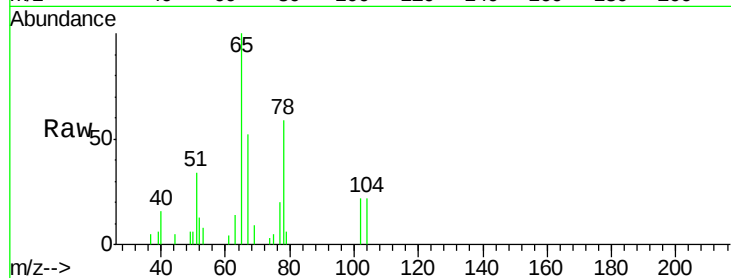
67 55.5 0.0 103.8

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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: VD067456.D

Acq: 29 Oct 2020 17:08

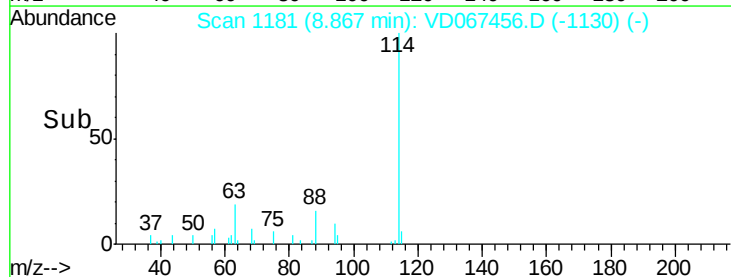
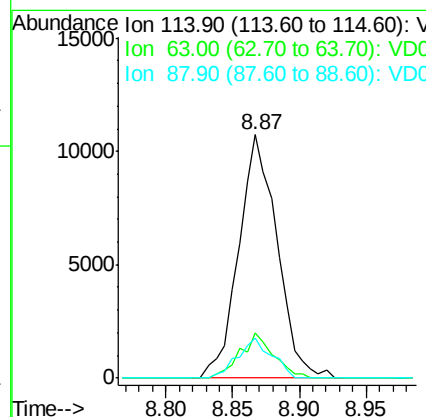
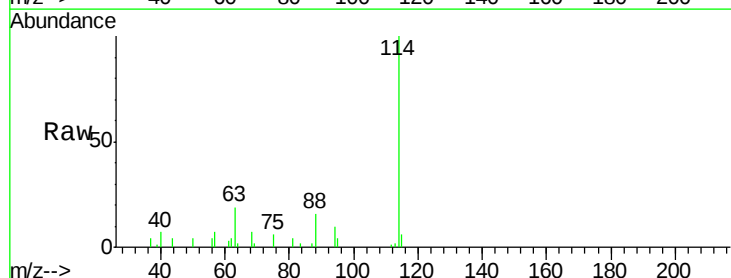
Tgt Ion: 114 Resp: 21426

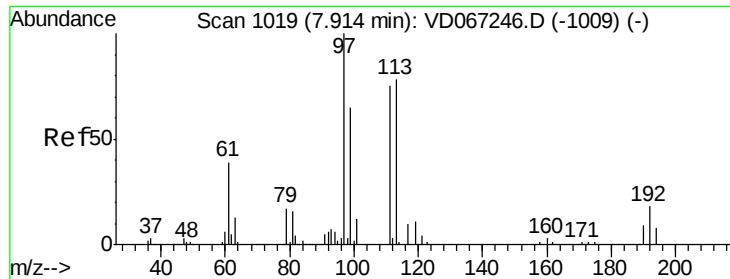
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 16.5 0.0 30.6





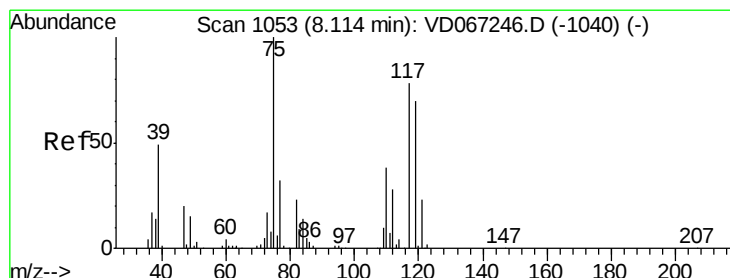
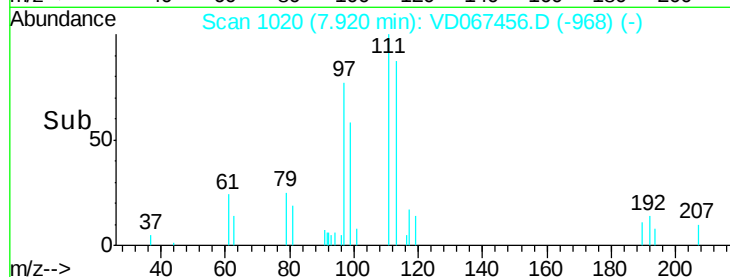
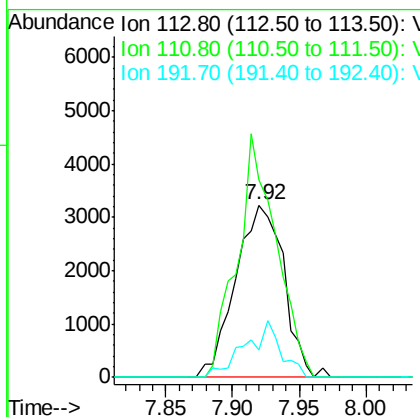
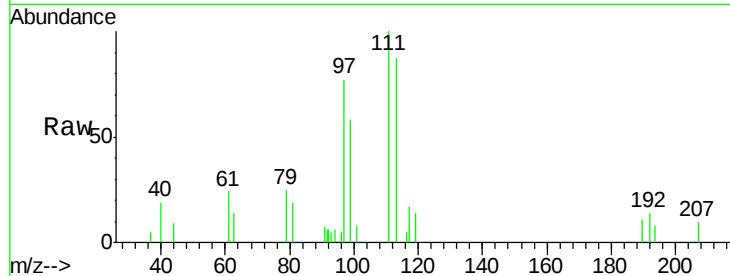
#35
Dibromofluoromethane
Concen: 56.911 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	114.1	81.6	122.4
192	24.0	17.0	25.4

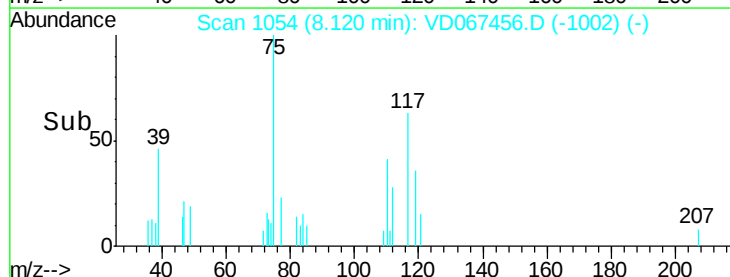
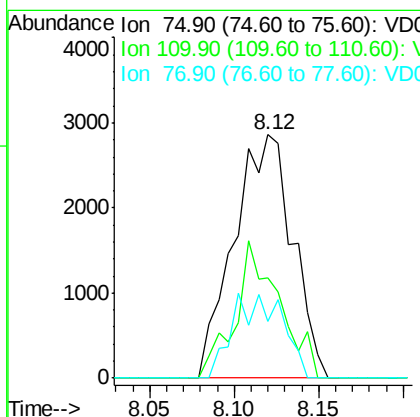
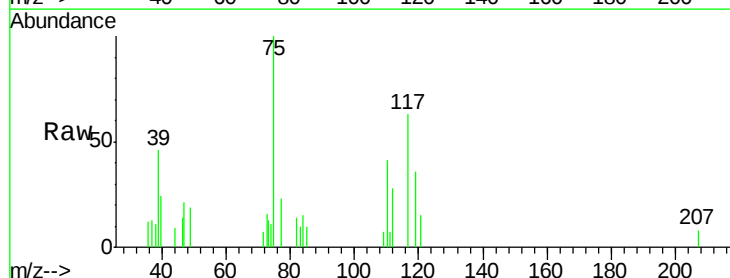
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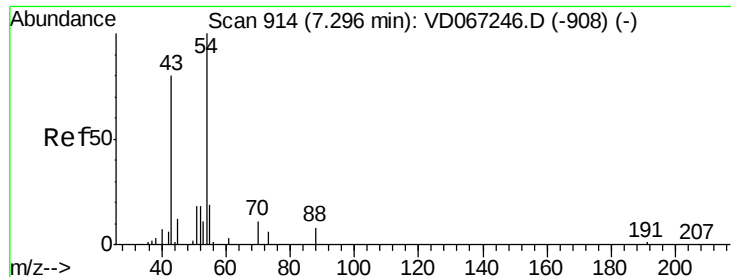
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#36
1,1-Dichloropropene
Concen: 38.194 ug/l
RT: 8.12 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.4	19.6	58.7
77	29.2	24.6	37.0





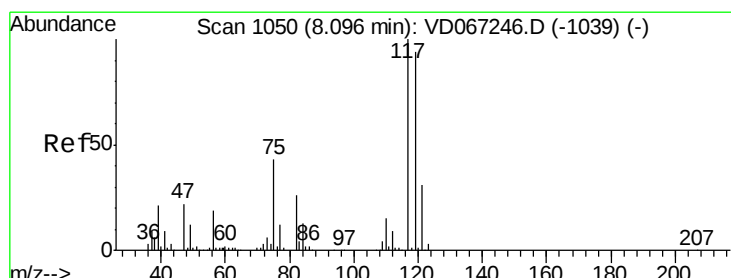
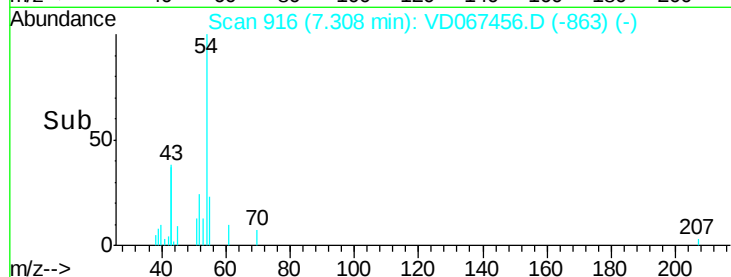
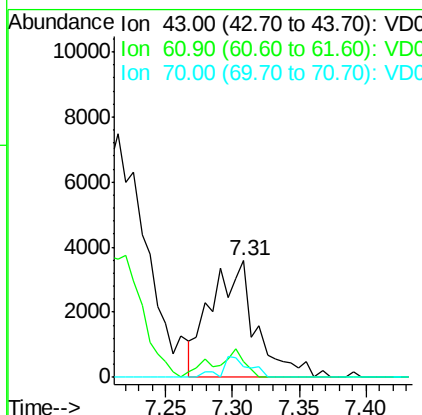
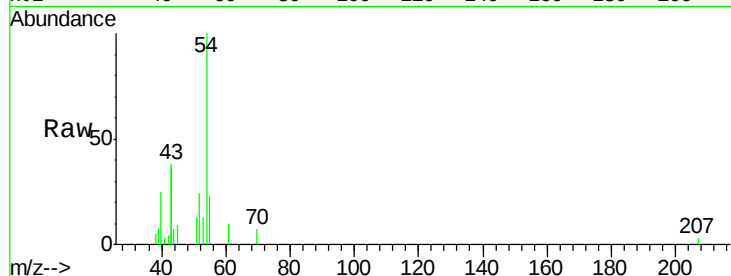
#37
Ethyl Acetate
Concen: 158.096 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.7	15.6	23.4#
70	10.7	10.4	15.6

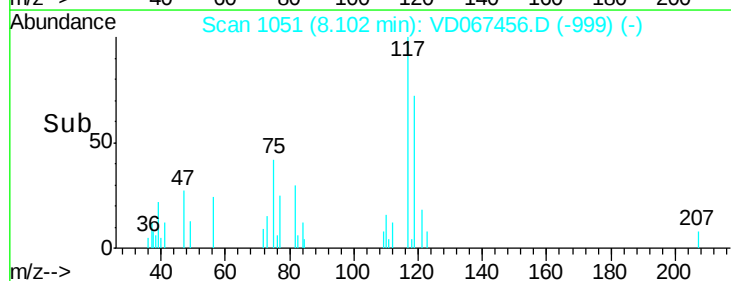
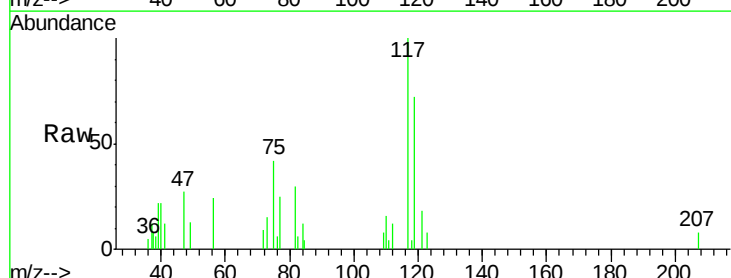
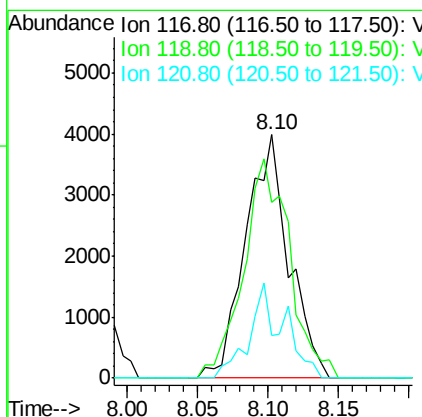
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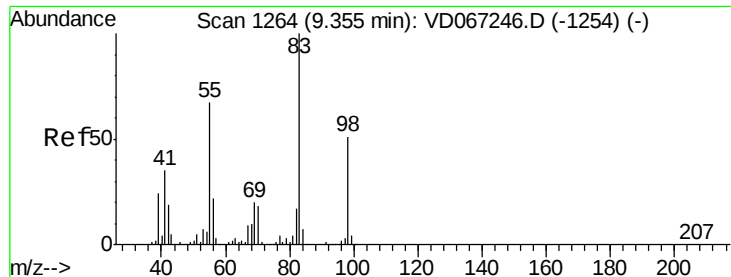
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#38
Carbon Tetrachloride
Concen: 36.958 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	72.1	75.0	112.4#
121	17.7	24.9	37.3#





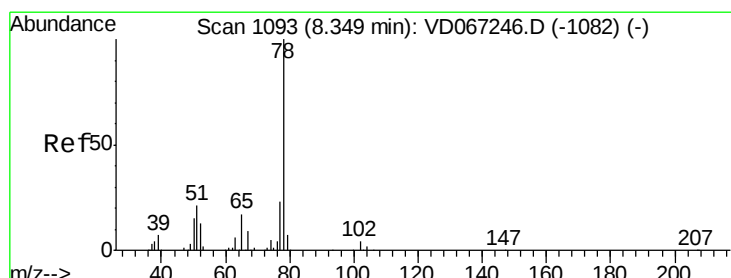
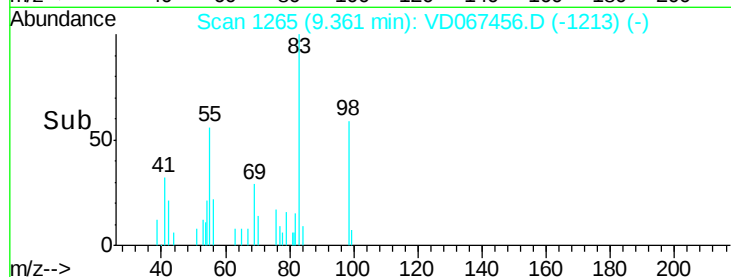
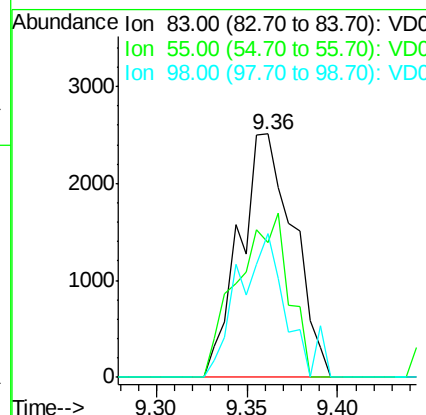
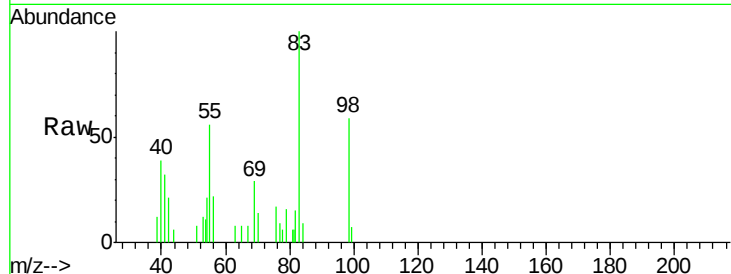
#39
Methvlcvclohexane
Concen: 27.353 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	55.6	53.3	79.9
98	59.2	41.0	61.4

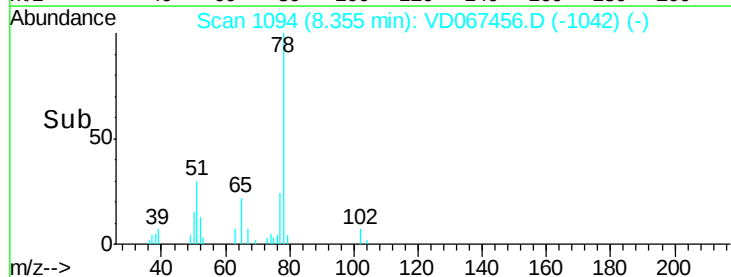
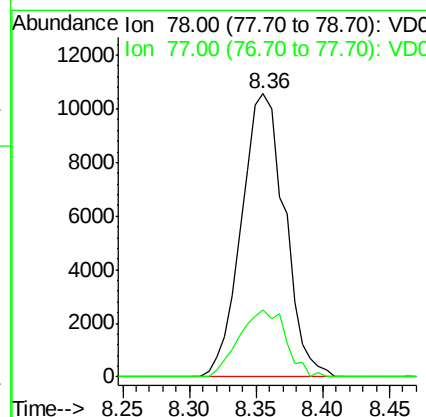
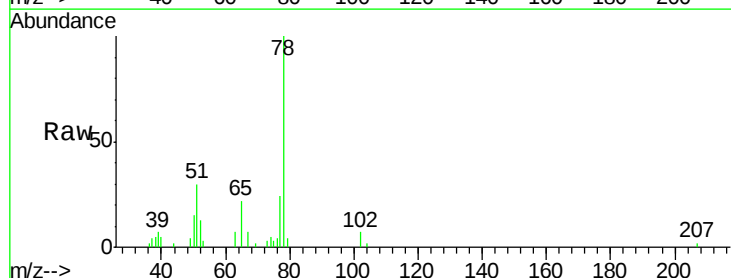
Manual Integrations
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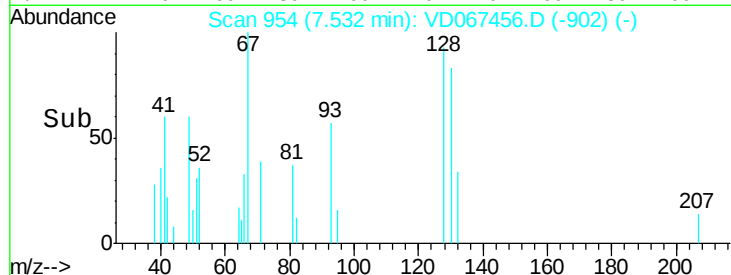
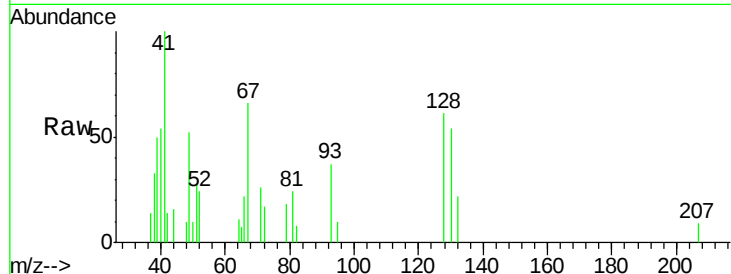
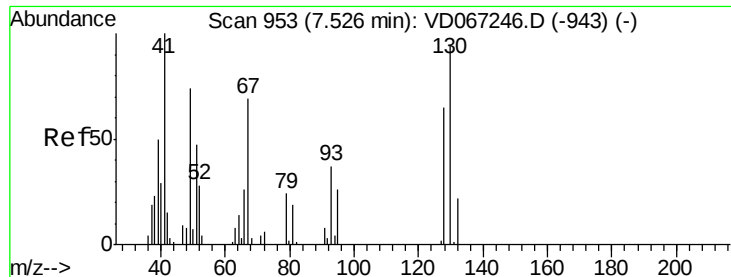
MMDadoda
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#40
Benzene
Concen: 47.774 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5





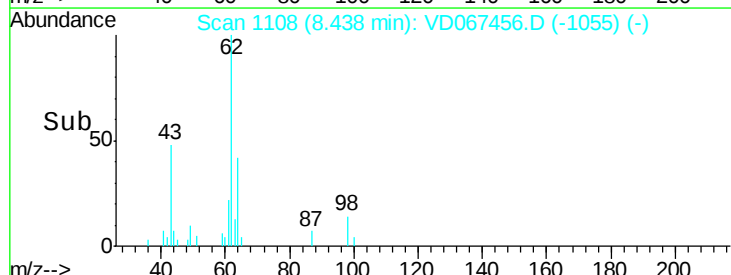
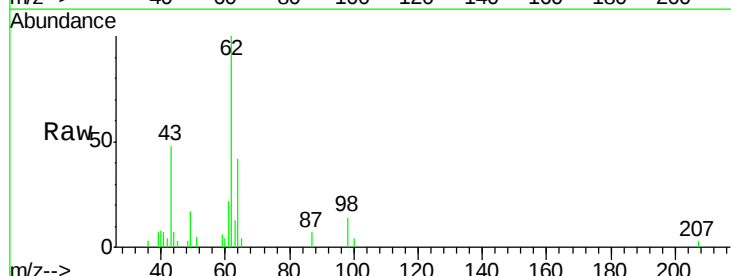
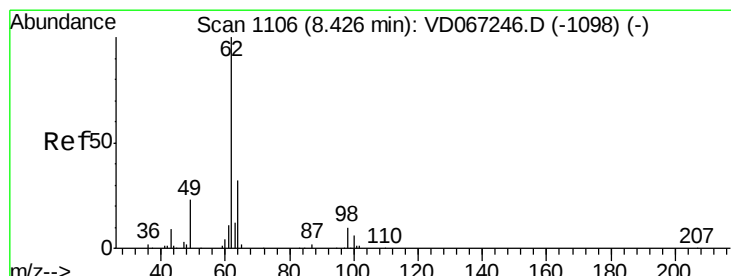
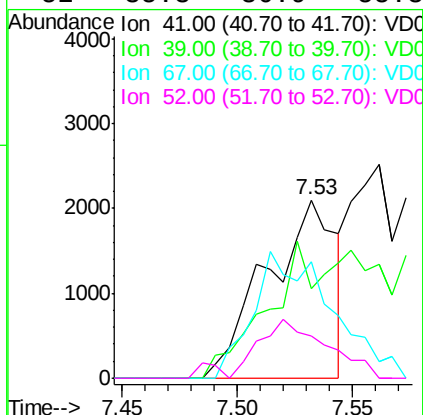
#41
Methacrylonitrile
Concen: 151.181 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.9	60.0	90.0#
67	80.8	88.9	133.3#
52	35.3	36.9	55.3#

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

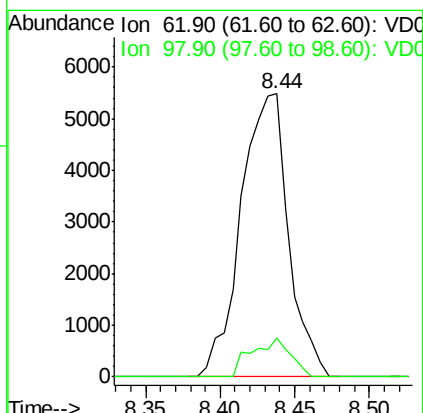
Manual Integrations
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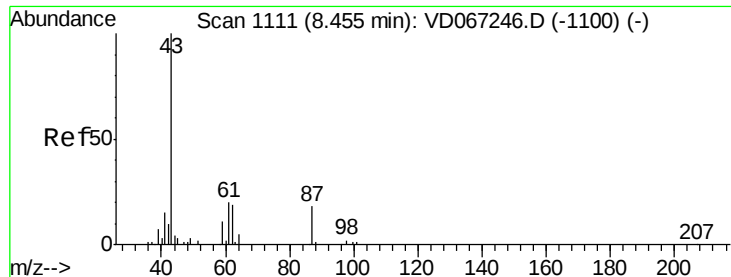
MMDadoda
10/30/2020 1:34:57 PM



#42
1,2-Dichloroethane
Concen: 77.487 ug/l
RT: 8.44 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 117.828 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

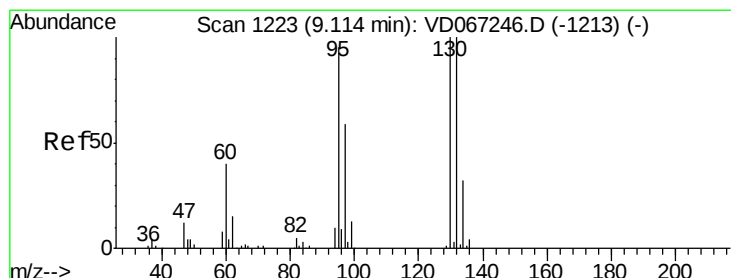
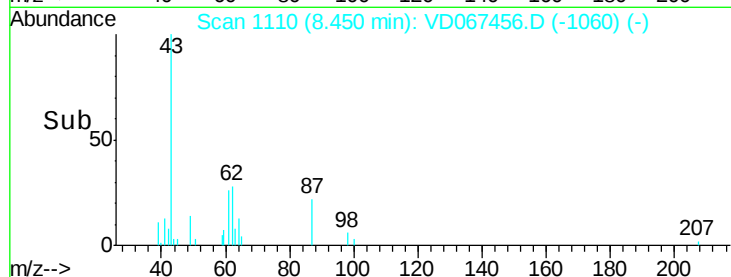
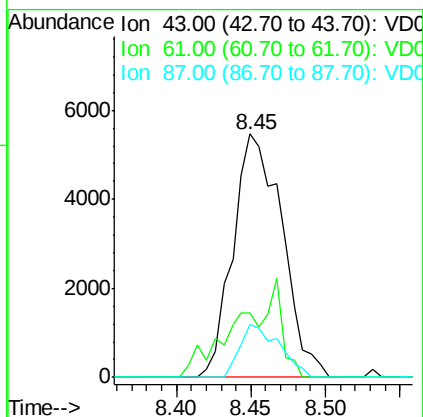
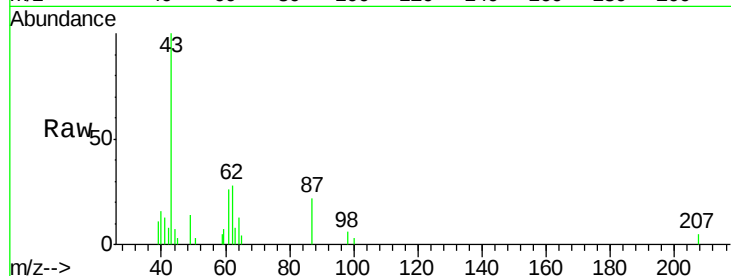
ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion:	43	Resp:	12492
Ion Ratio	Lower	Upper	
43	100		
61	23.1	29.5	44.3#
87	17.3	14.2	21.4

Manual Integrations
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#44

Trichloroethene

Concen: 45.157 ug/l

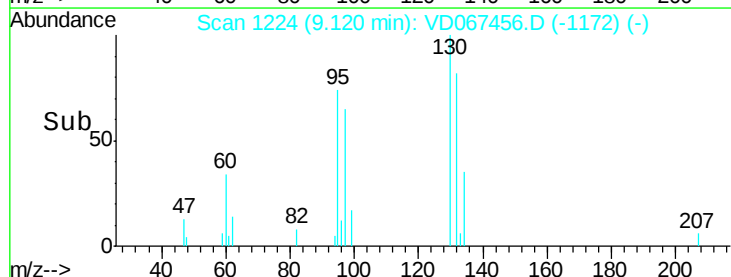
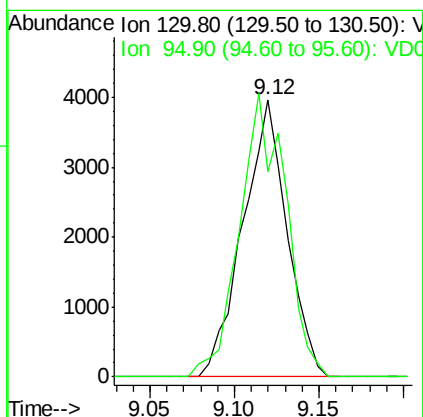
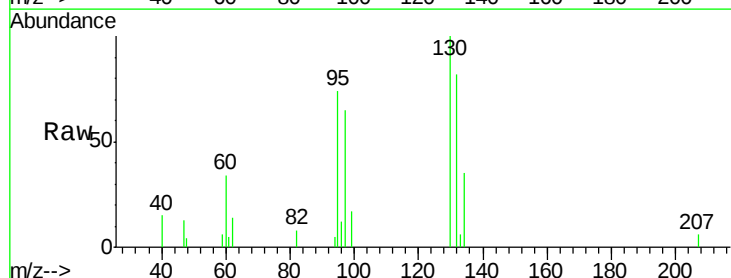
RT: 9.12 min Scan# 1224

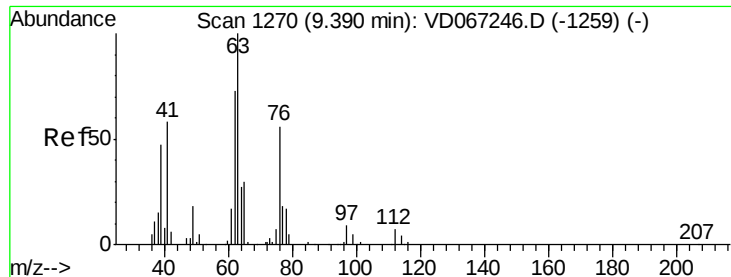
Delta R.T. 0.01 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Tgt Ion:	130	Resp:	7203
Ion Ratio	Lower	Upper	
130	100		
95	74.3	0.0	190.6





#45

1,2-Dichloropropane

Concen: 59.907 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 63 Resp: 6917

Ion Ratio Lower Upper

63 100

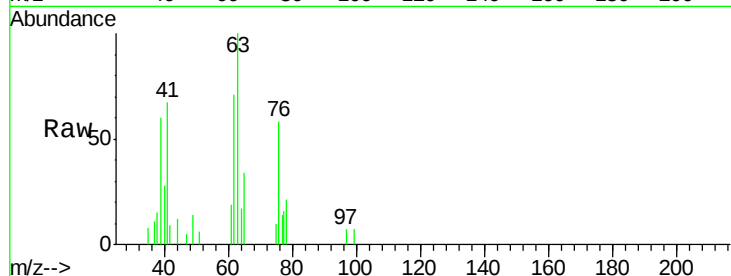
65 34.5 24.6 36.8

Manual Integrations

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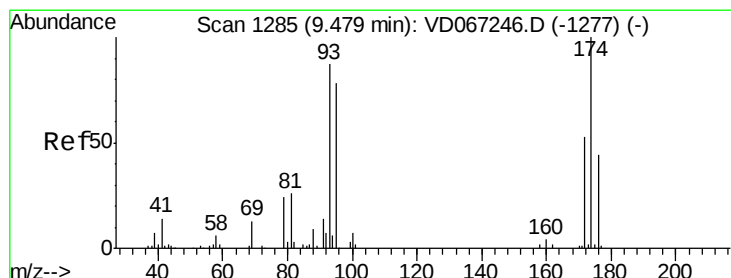
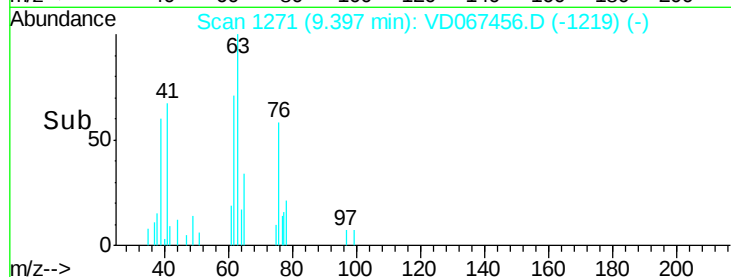
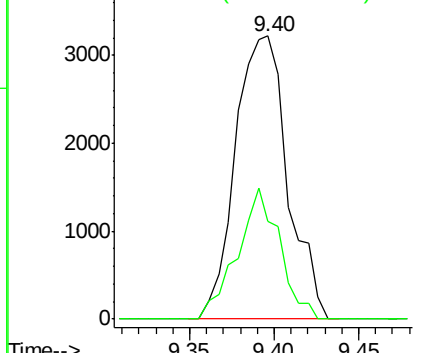
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 86.546 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

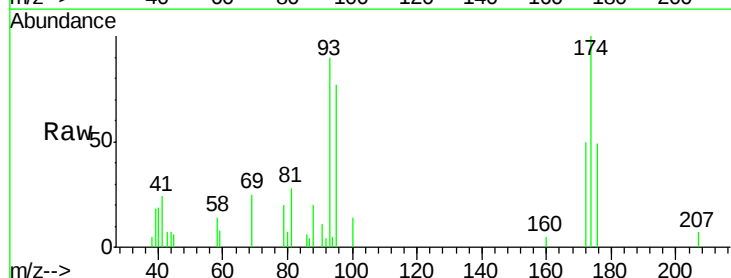
Tgt Ion: 93 Resp: 6226

Ion Ratio Lower Upper

93 100

95 80.6 68.0 102.0

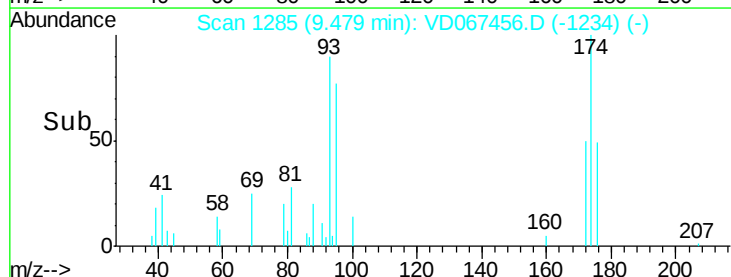
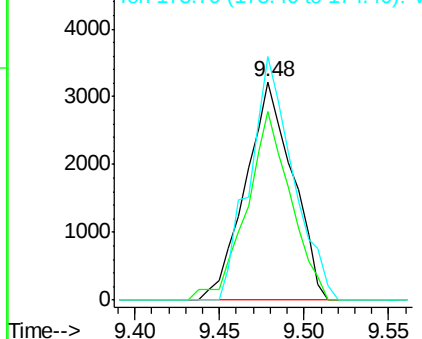
174 102.9 91.8 137.6

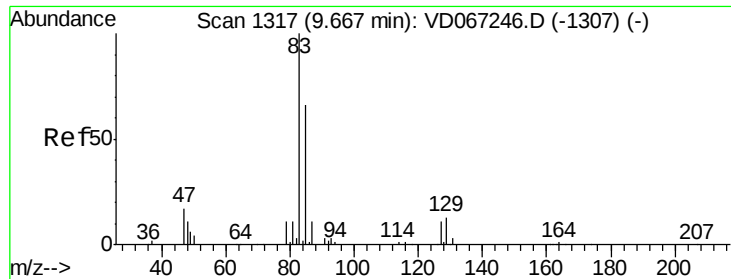


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 71.750 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

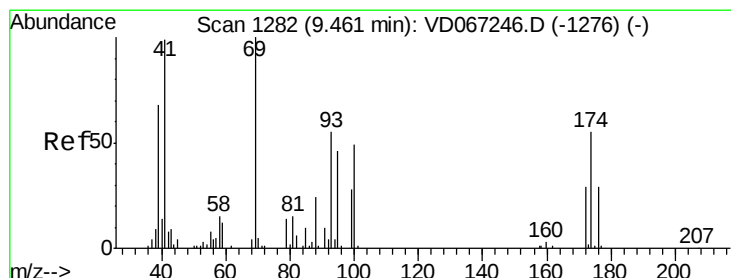
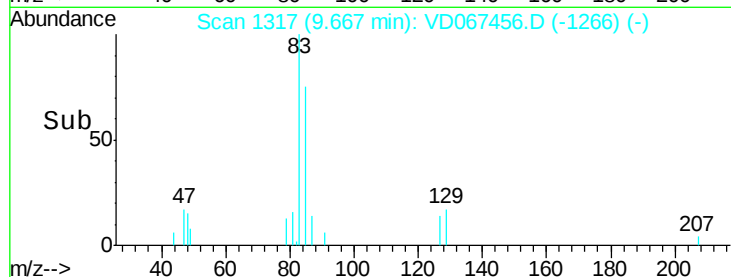
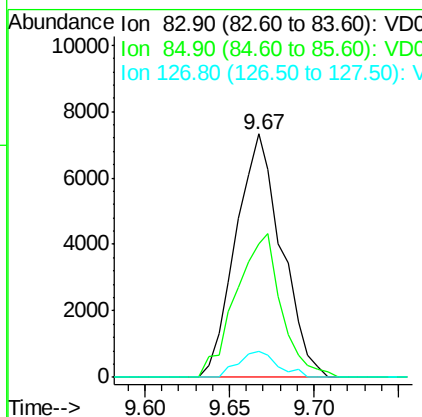
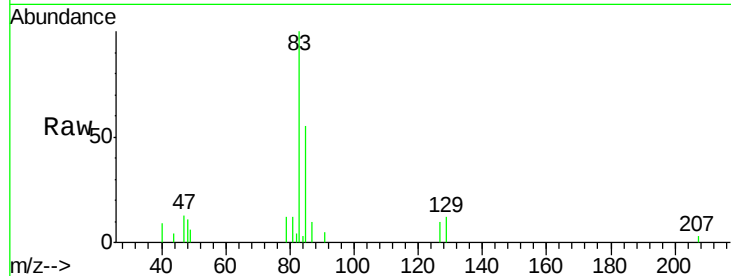
ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion:	83	Resp:	13829
Ion	Ratio	Lower	Upper
83	100		
85	55.1	53.1	79.7
127	10.4	8.6	13.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 108.498 ug/l

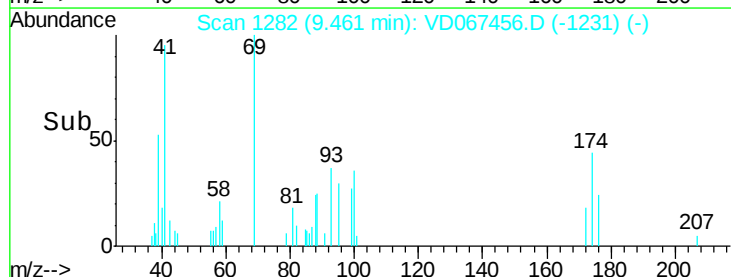
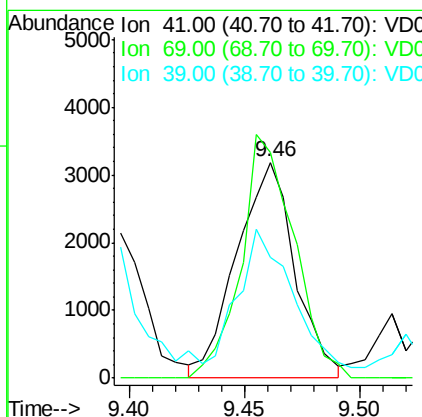
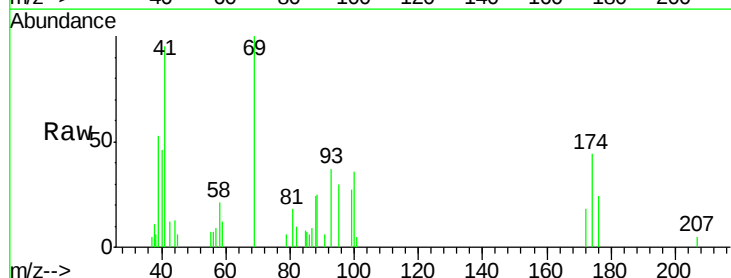
RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Tgt Ion:	41	Resp:	5590
Ion	Ratio	Lower	Upper
41	100		
69	102.4	89.0	133.6
39	68.8	60.2	90.2





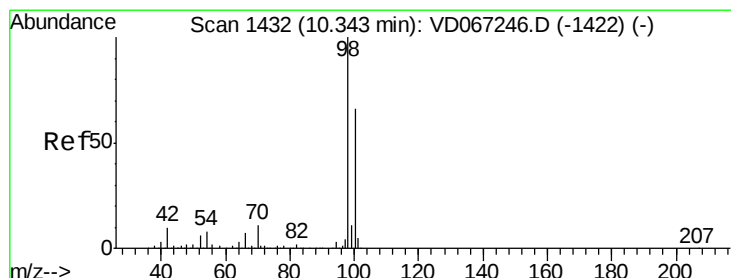
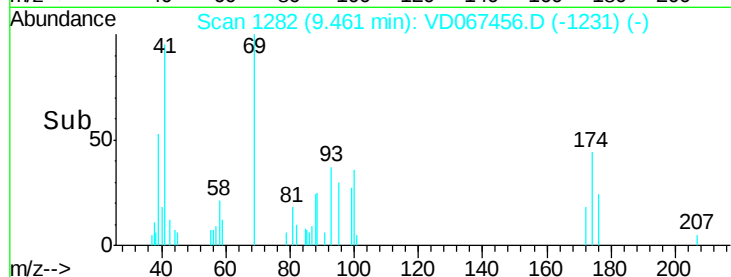
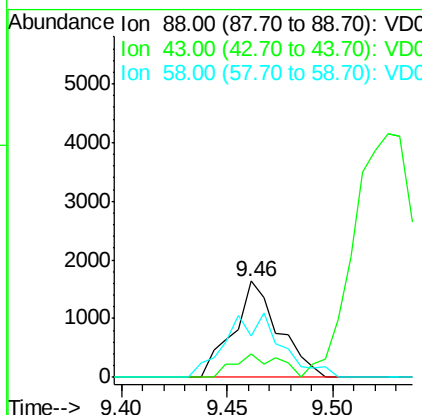
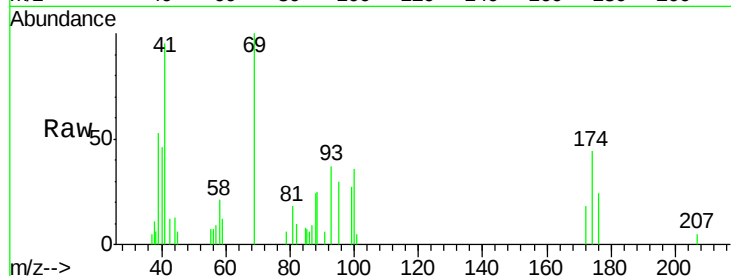
#49
1,4-Dioxane
Concen: 3583.348 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	88	Resp	2440
Ion	Ratio	Lower	Upper
88	100		
43	24.2	23.9	35.9
58	81.2	51.0	76.6

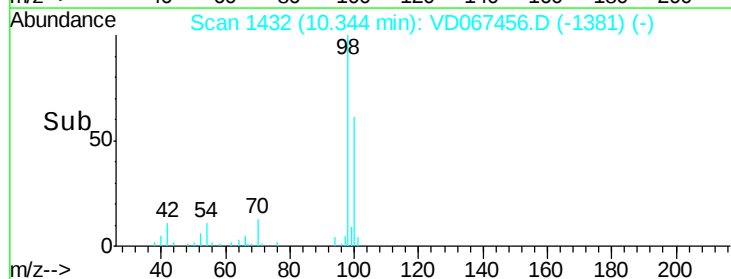
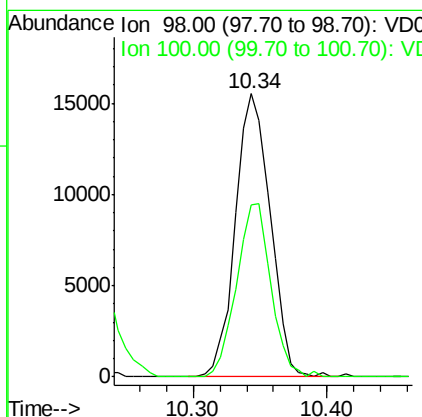
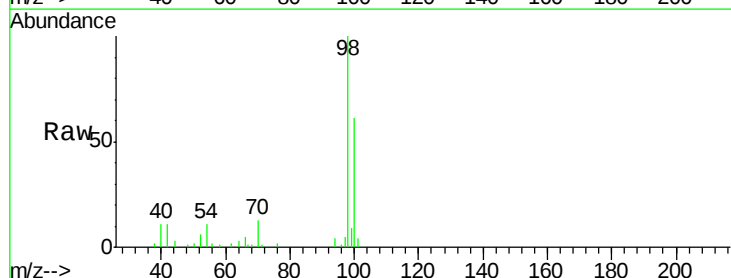
Manual Integrations
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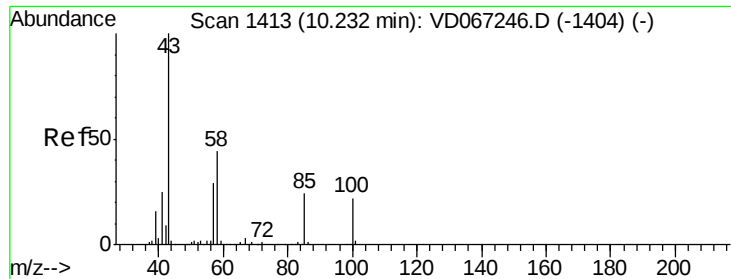
MMDadoda
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#50
Toluene-d8
Concen: 54.507 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	98	Resp	28127
Ion	Ratio	Lower	Upper
98	100		
100	60.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 648.387 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 43 Resp: 34286

Ion Ratio Lower Upper

43 100

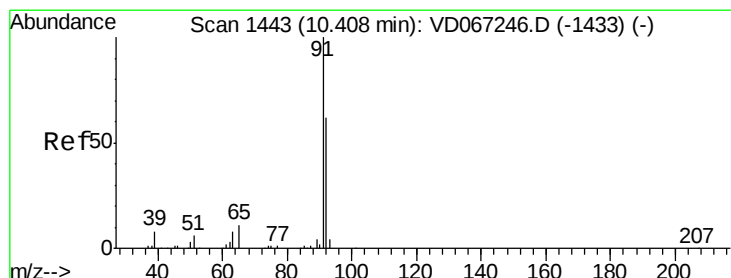
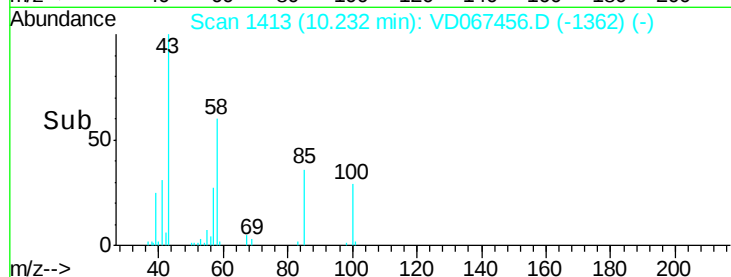
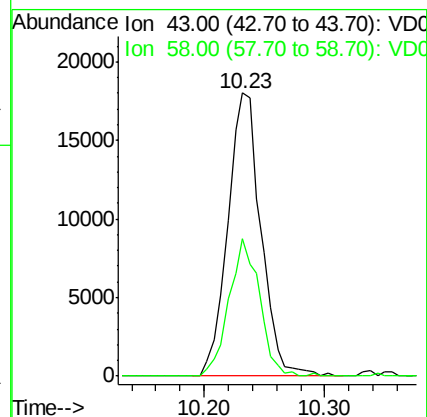
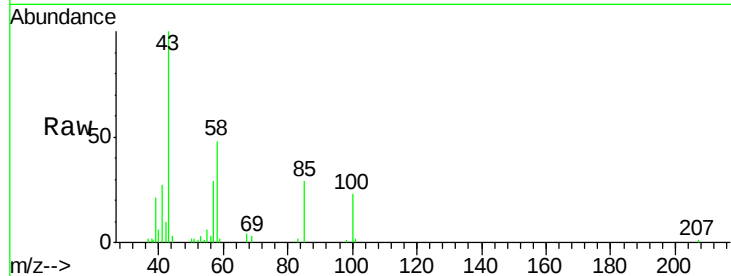
58 44.6 35.7 53.5

Manual Integrations

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#52

Toluene

Concen: 47.203 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067456.D

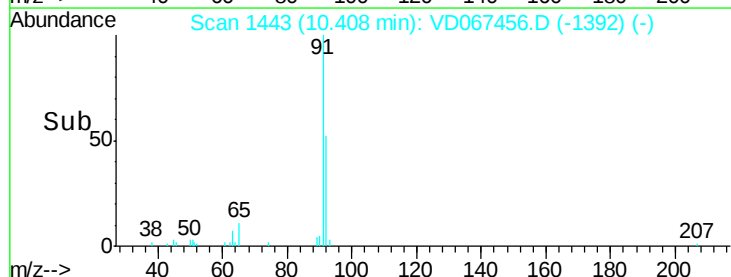
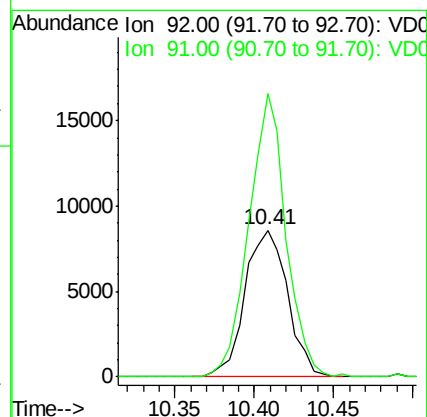
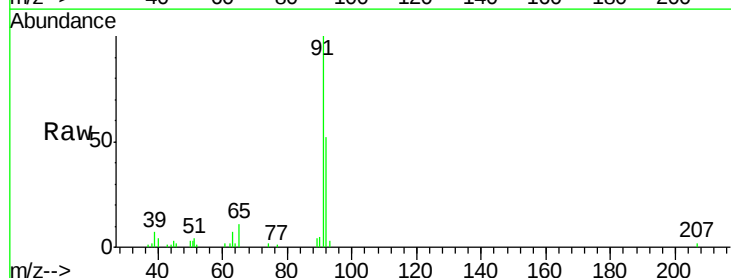
Acq: 29 Oct 2020 17:08

Tgt Ion: 92 Resp: 16017

Ion Ratio Lower Upper

92 100

91 168.0 133.8 200.8





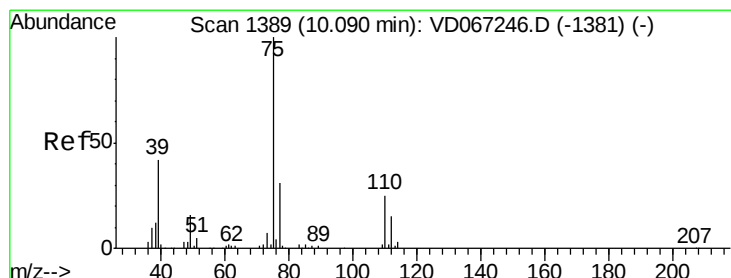
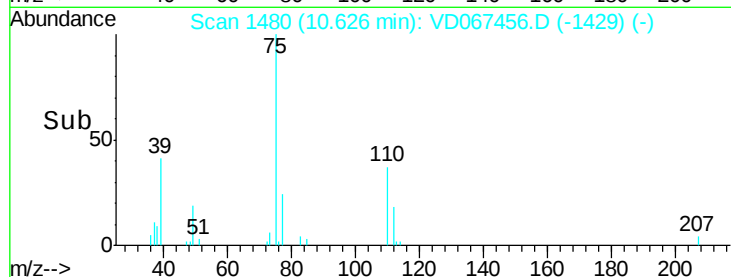
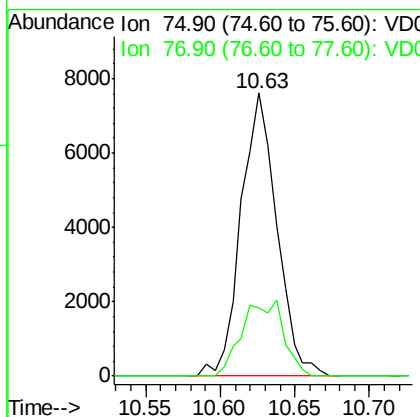
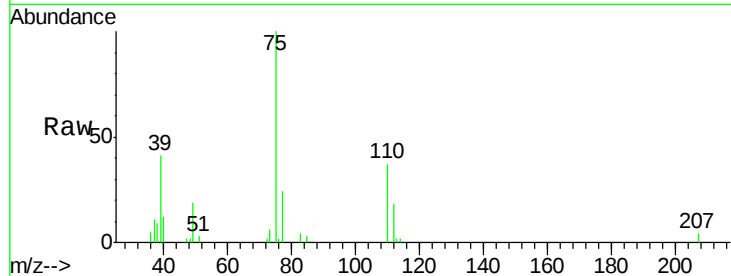
#53
t-1,3-Dichloropropene
Concen: 74.815 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion: 75 Resp: 12667
Ion Ratio Lower Upper
75 100
77 24.3 26.5 39.7#

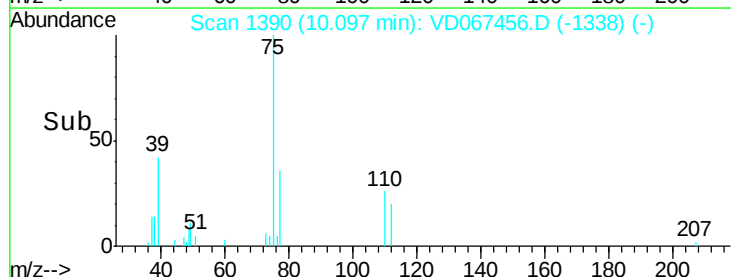
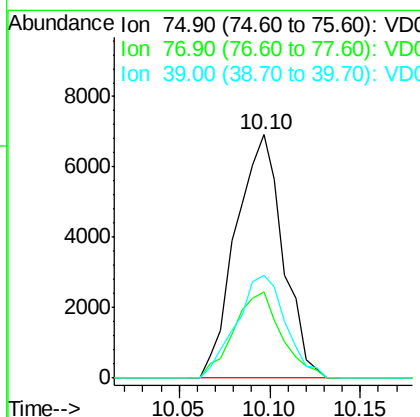
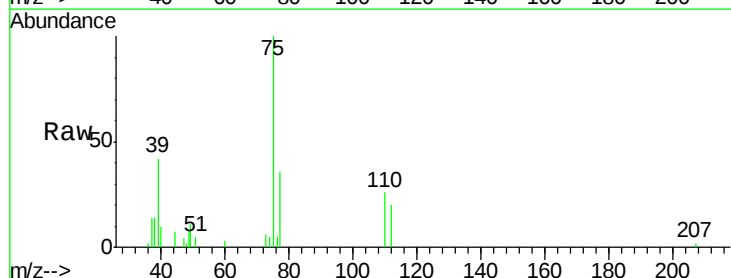
Manual Integrations
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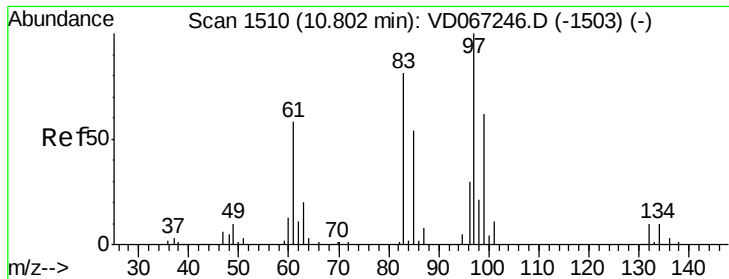
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 63.140 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion: 75 Resp: 12511
Ion Ratio Lower Upper
75 100
77 35.6 24.5 36.7
39 42.4 33.7 50.5





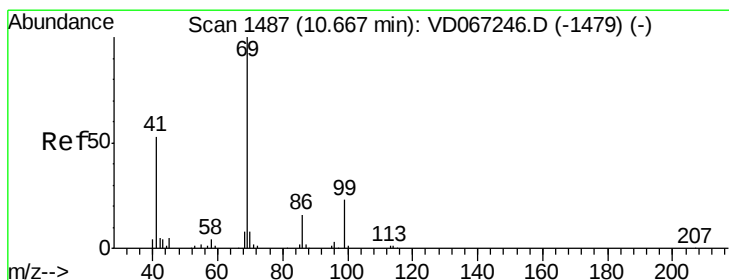
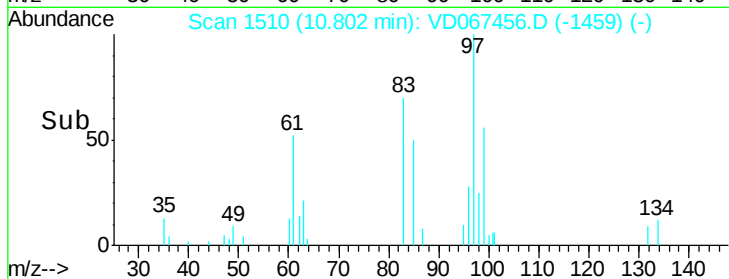
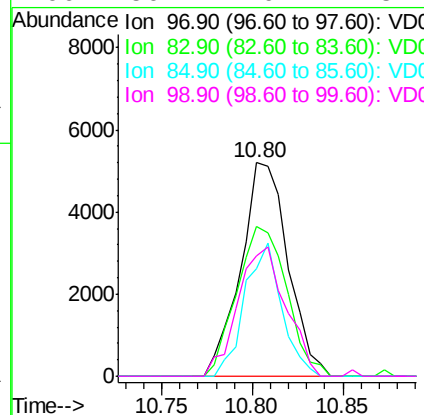
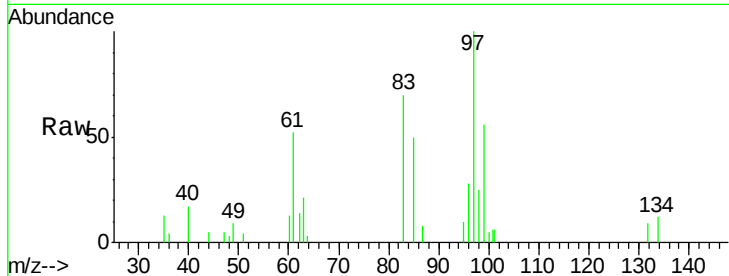
#55
 1,1,2-Trichloroethane
 Concen: 96.057 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

Tot Ion:	97	Resp:	9423
Ion	Ratio	Lower	Upper
97	100		
83	70.2	64.9	97.3
85	50.2	43.3	64.9
99	56.4	49.1	73.7

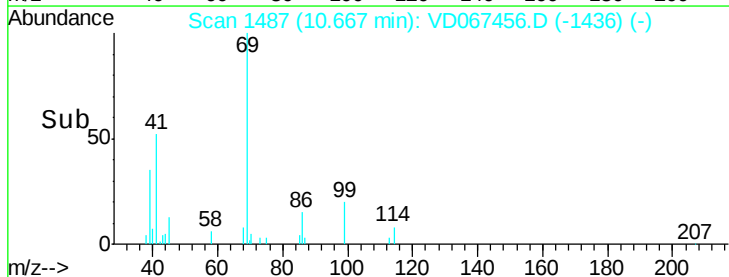
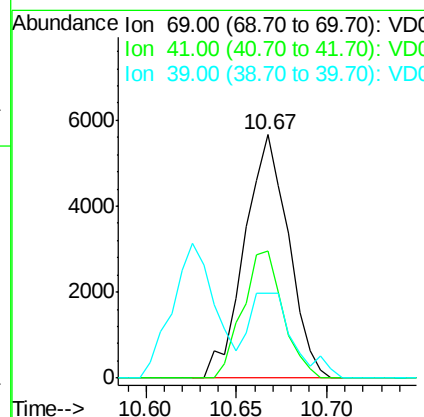
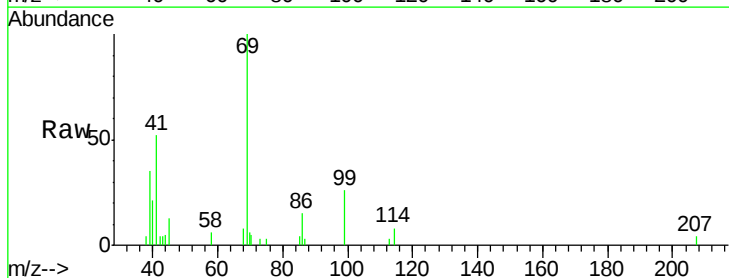
Manual Integrations
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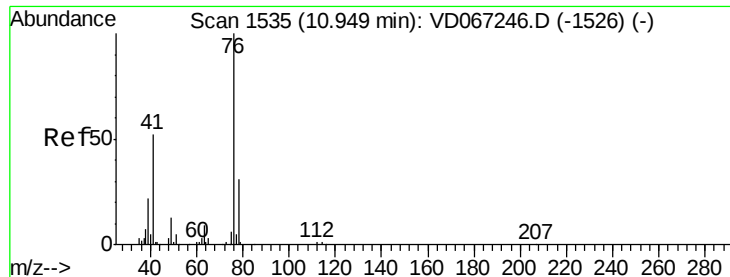
MMDadoda
 10/30/2020 1:34:57 PM



#56
 Ethyl methacrylate
 Concen: 93.623 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Tgt Ion:	69	Resp:	9525
Ion	Ratio	Lower	Upper
69	100		
41	47.9	44.7	67.1
39	35.5	26.2	39.2





#57

1,3-Dichloropropane

Concen: 86.795 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 76 Resp: 13550

Ion Ratio Lower Upper

76 100

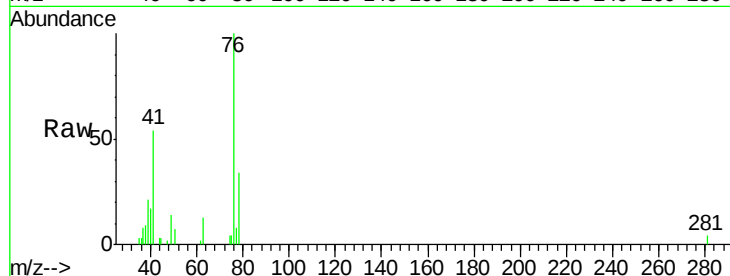
78 32.4 26.8 40.2

Manual Integrations

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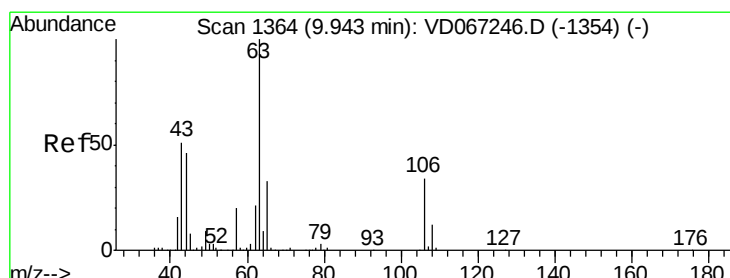
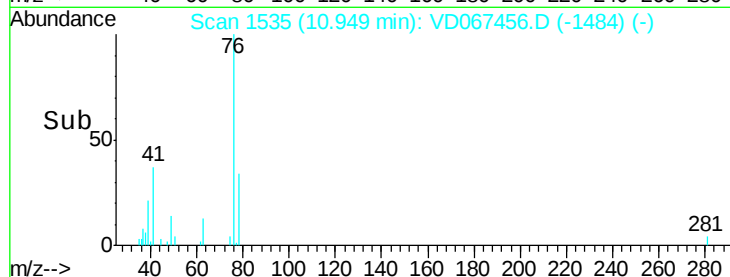
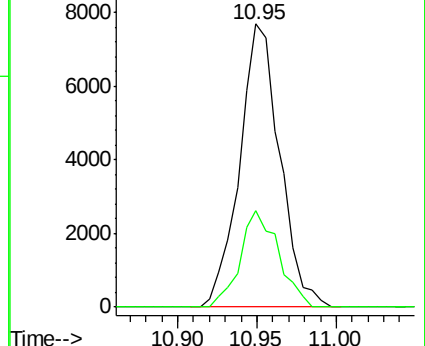
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 427.943 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD067456.D

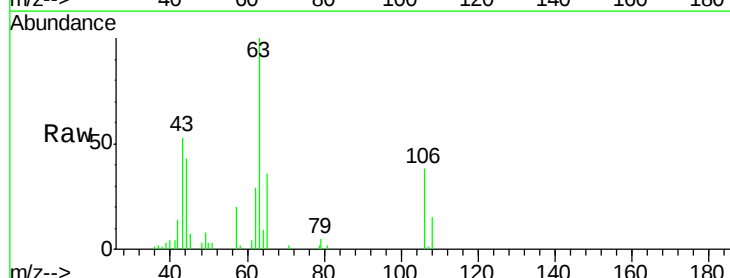
Acq: 29 Oct 2020 17:08

Tgt Ion: 63 Resp: 22335

Ion Ratio Lower Upper

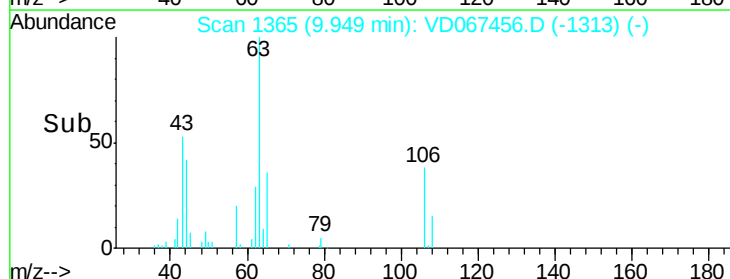
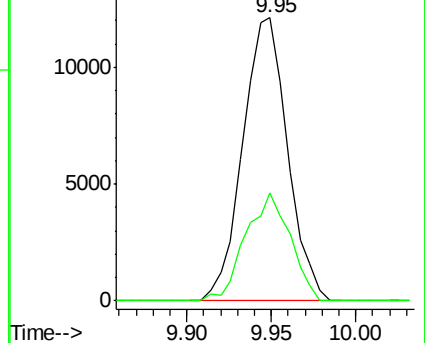
63 100

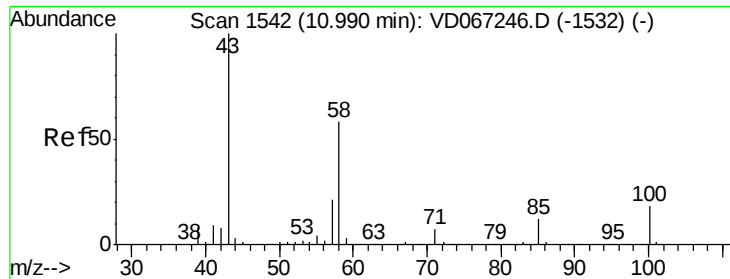
106 38.0 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC





#59

2-Hexanone

Concen: 711.274 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 43 Resp: 25701

Ion Ratio Lower Upper

43 100

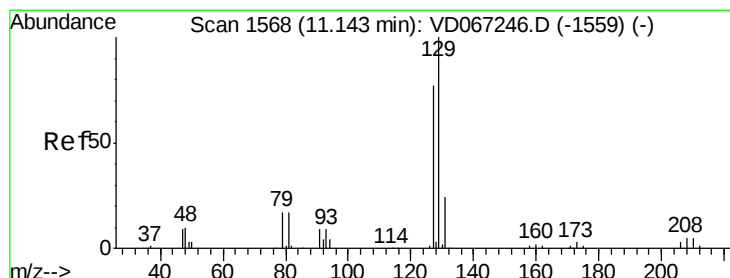
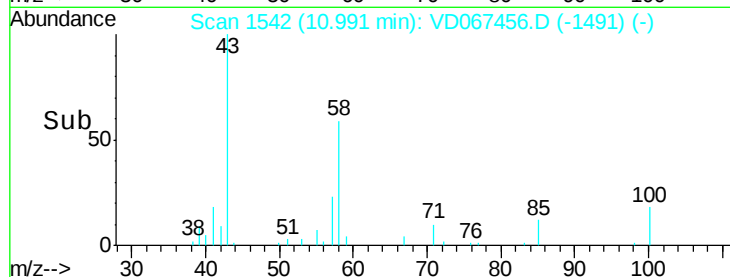
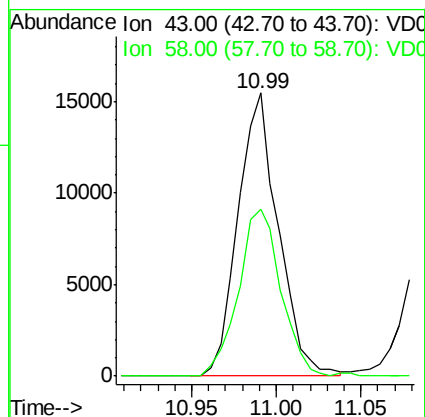
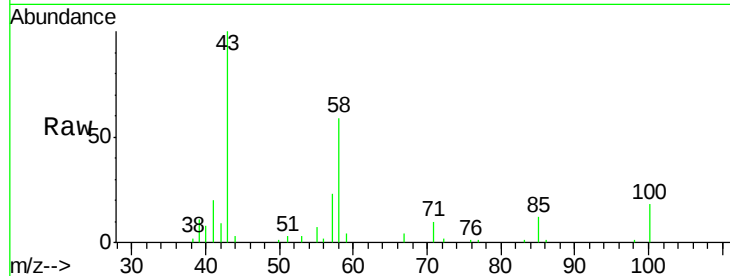
58 61.8 29.3 87.9

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#60

Dibromochloromethane

Concen: 92.464 ug/l

RT: 11.15 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VD067456.D

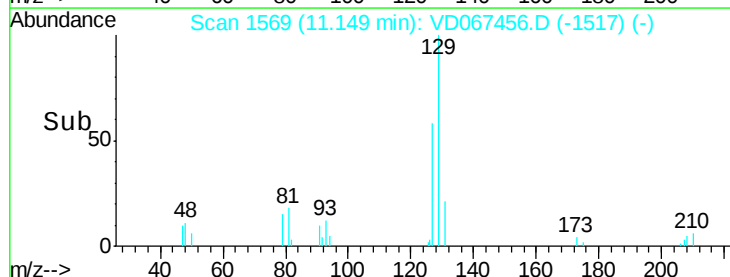
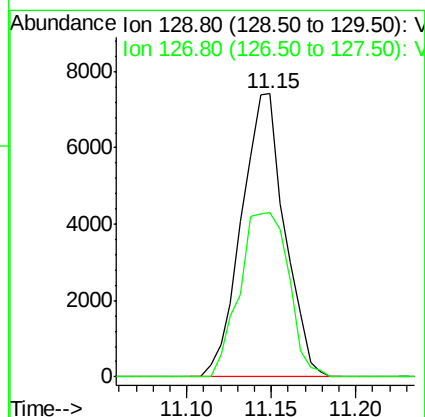
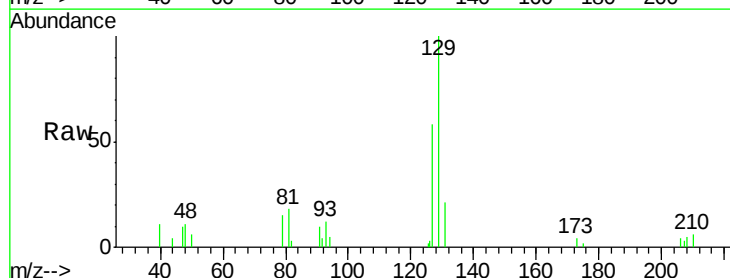
Acq: 29 Oct 2020 17:08

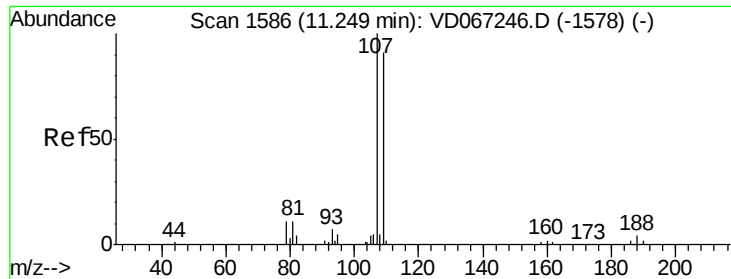
Tgt Ion: 129 Resp: 13228

Ion Ratio Lower Upper

129 100

127 65.7 38.3 114.8





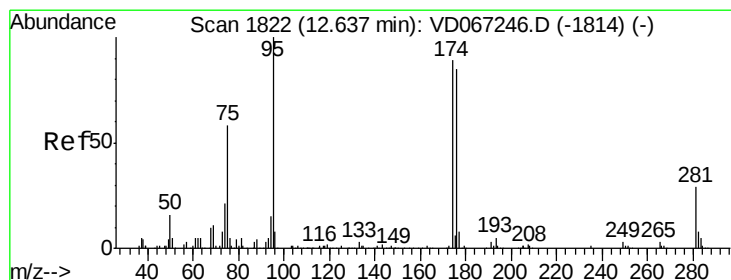
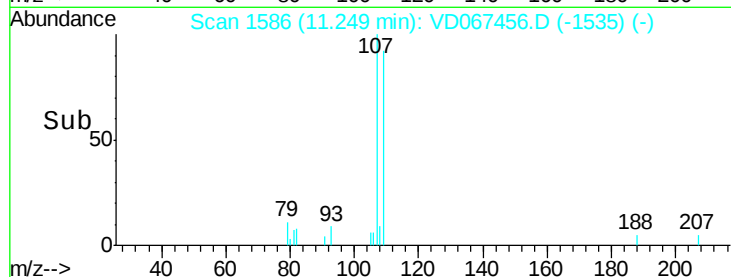
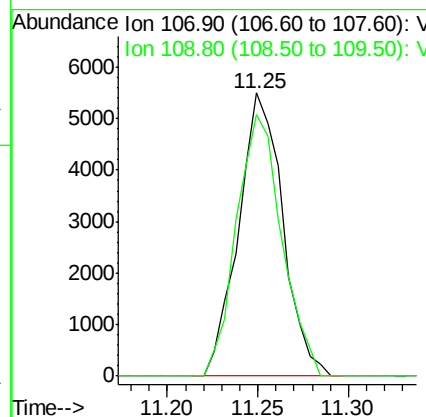
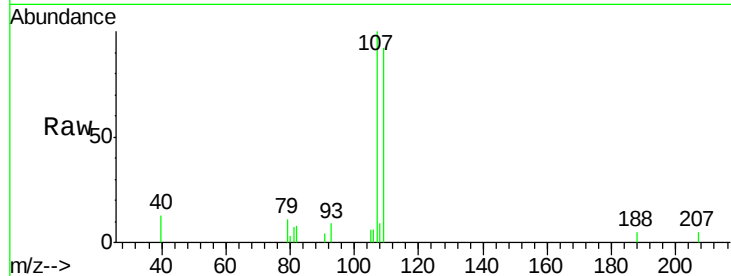
#61
 1,2-Dibromoethane
 Concen: 96.525 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

Tot Ion: 107 Resp: 9335
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.6 112.0

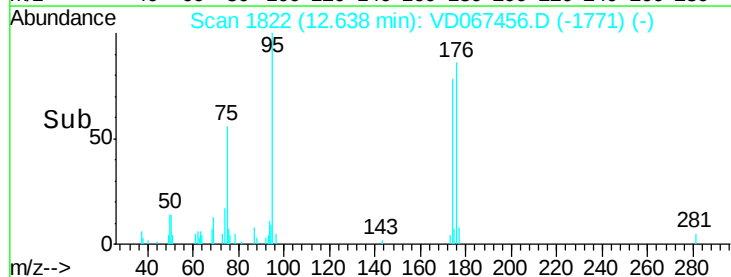
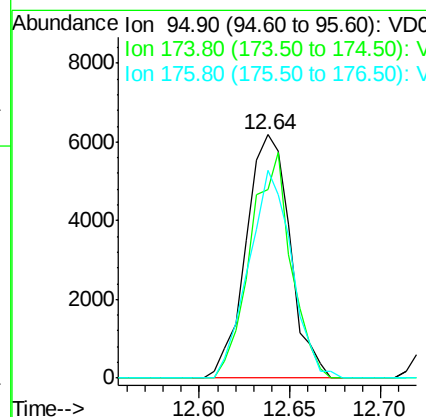
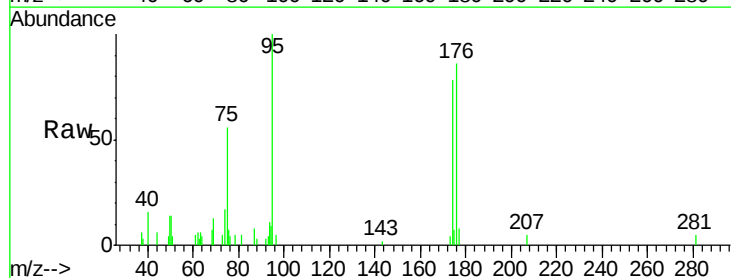
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 58.161 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Tgt Ion: 95 Resp: 10436
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 175.2
 176 83.6 0.0 168.6





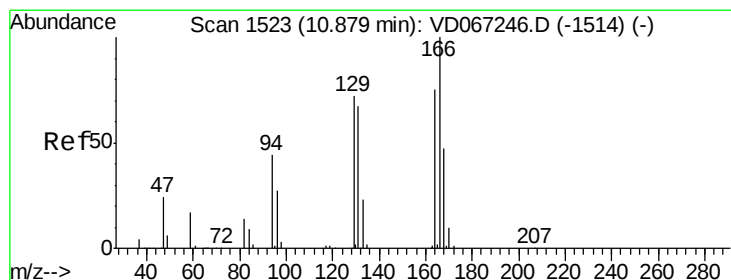
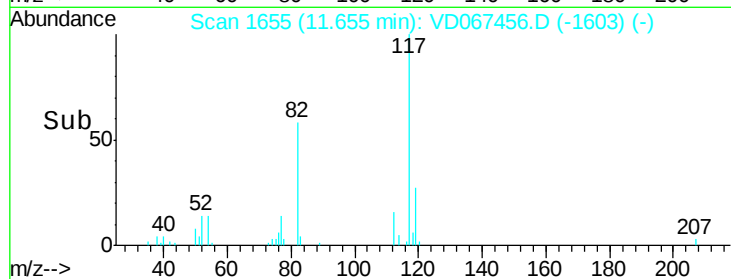
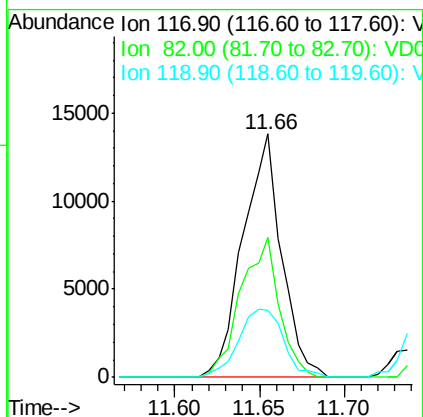
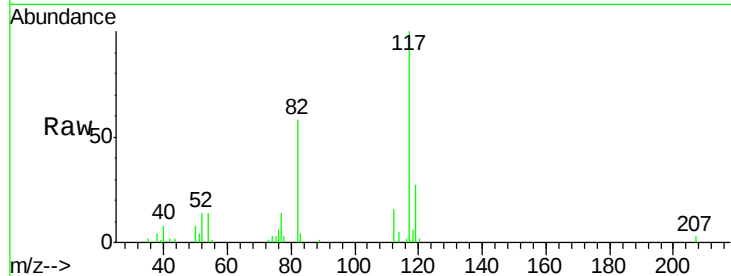
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	21962		
82	57.7		39.9	59.9
119	27.3		24.9	37.3

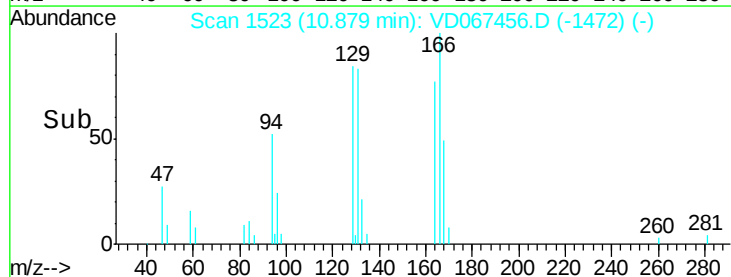
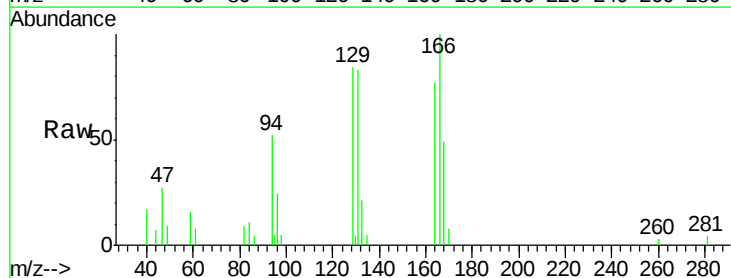
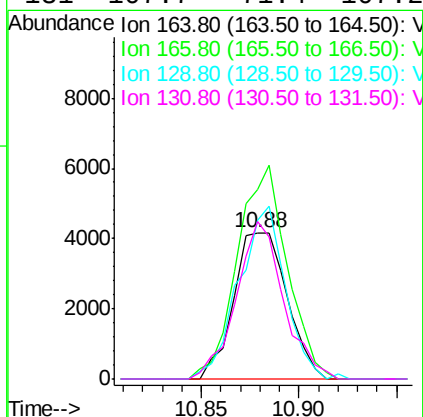
Manual Integrations
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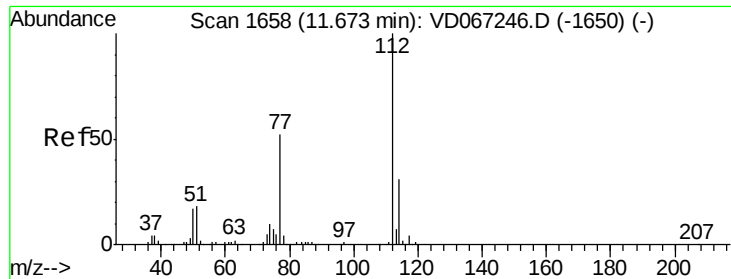
MMDadoda
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#64
Tetrachloroethene
Concen: 49.560 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	7886		
166	129.9		107.3	160.9
129	108.6		77.3	115.9
131	107.7		71.4	107.2#





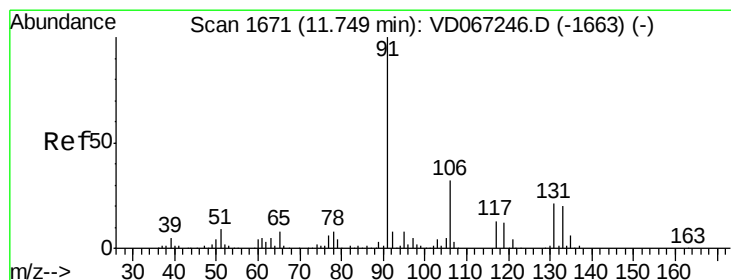
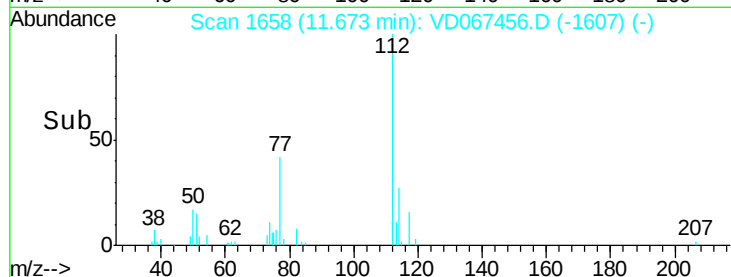
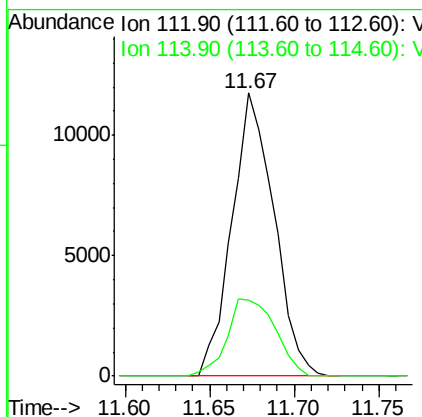
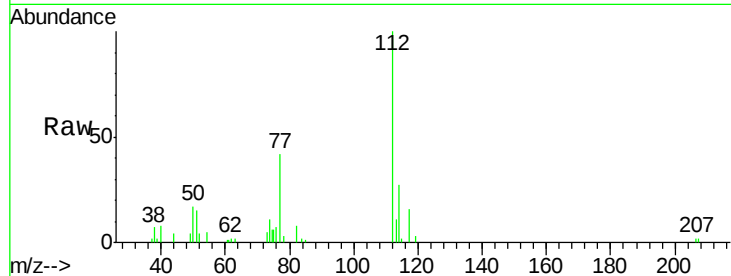
#65
Chlorobenzene
Concen: 48.354 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion:112 Resp: 20364
Ion Ratio Lower Upper
112 100
114 26.9 25.0 37.4

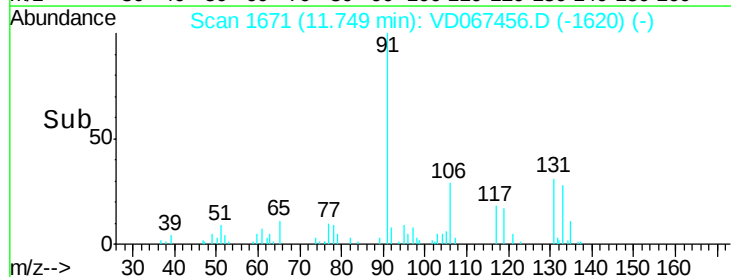
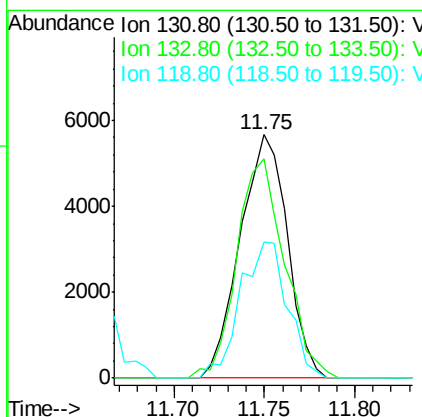
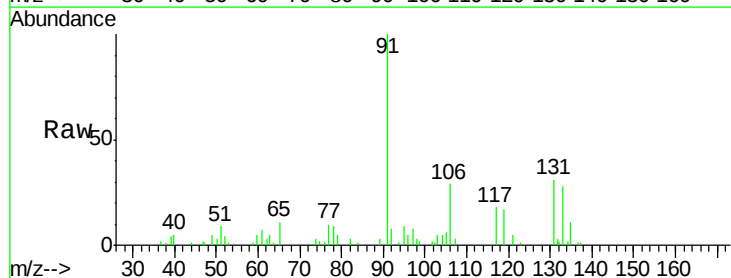
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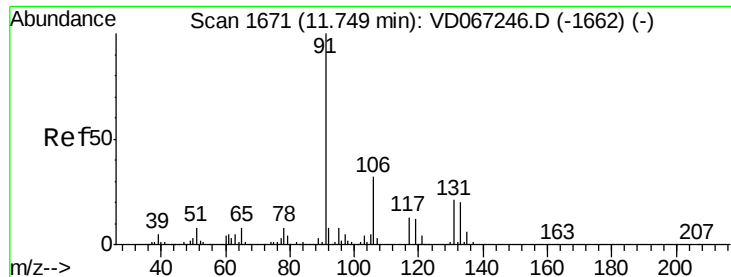
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#66
1,1,1,2-Tetrachloroethane
Concen: 61.159 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion:131 Resp: 10237
Ion Ratio Lower Upper
131 100
133 91.4 48.1 144.3
119 56.2 30.0 90.0





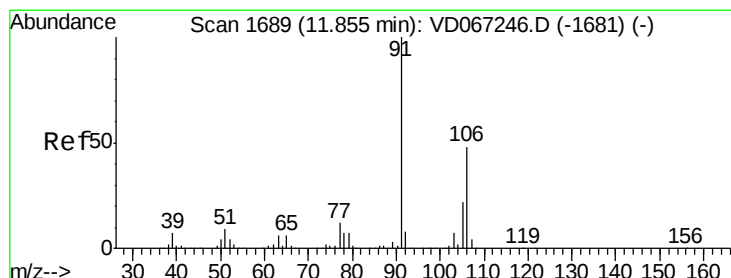
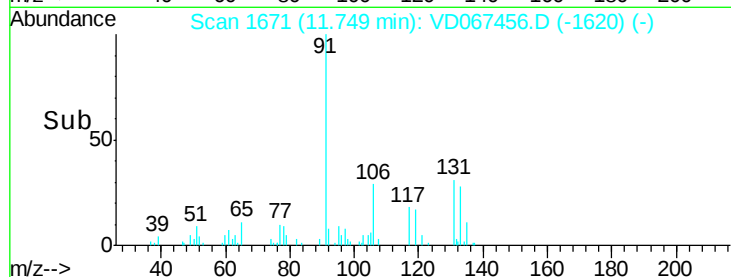
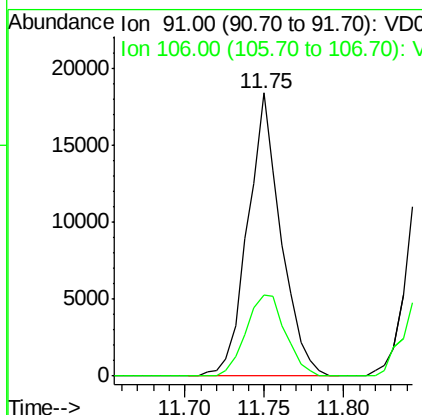
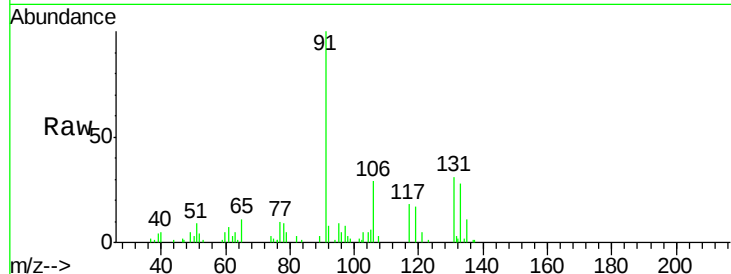
#67
Ethyl Benzene
Concen: 37.001 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion: 91 Resp: 26712
Ion Ratio Lower Upper
91 100
106 28.6 25.4 38.0

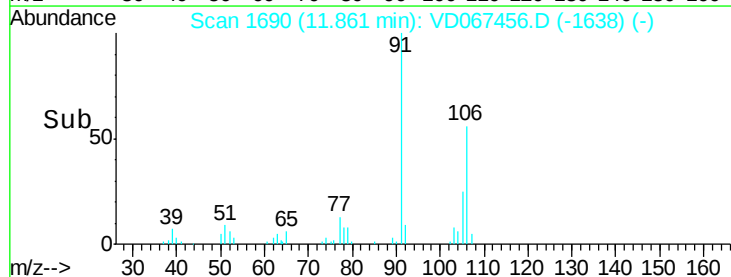
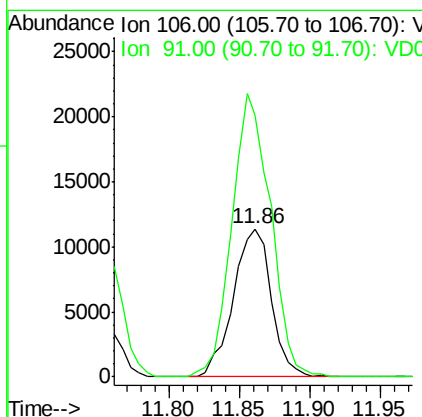
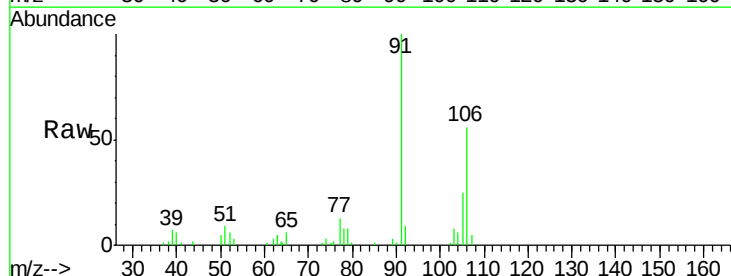
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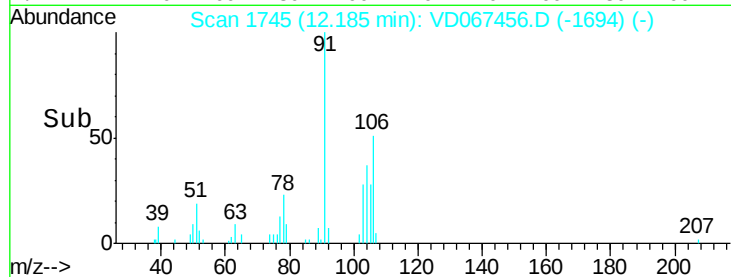
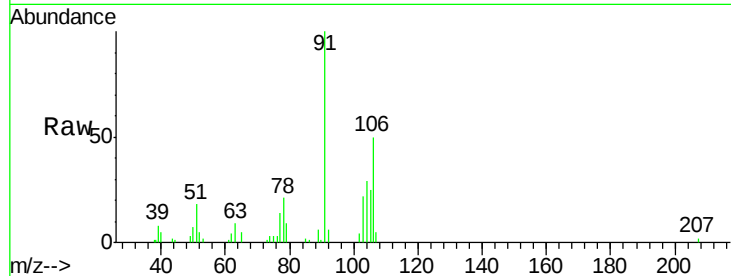
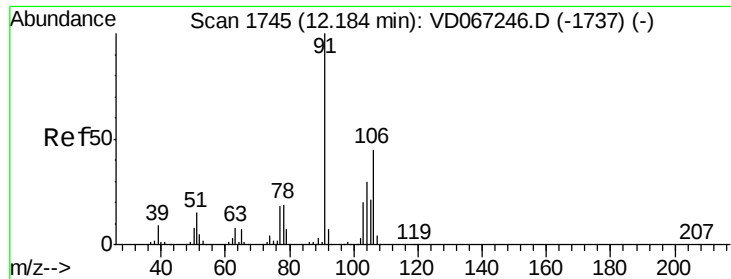
MMDadoda
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#68
m/p-Xylenes
Concen: 77.075 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion: 106 Resp: 21427
Ion Ratio Lower Upper
106 100
91 194.1 163.8 245.8





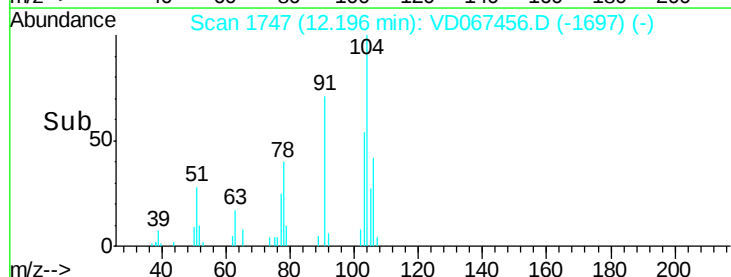
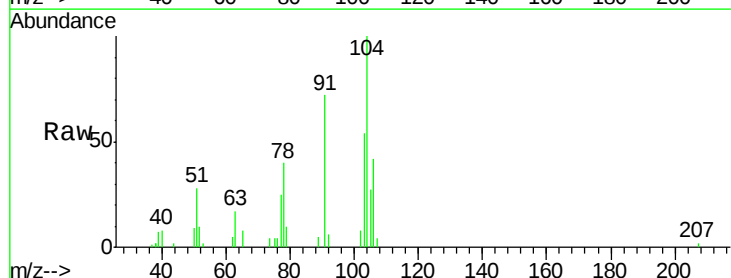
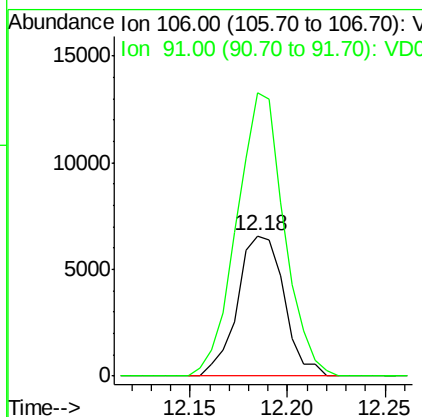
#69
o-Xylene
Concen: 42.240 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tot Ion:106 Resp: 10874
Ion Ratio Lower Upper
106 100
91 205.4 109.1 327.3

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

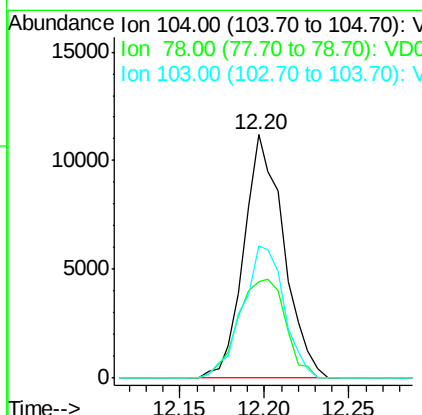
Manual Integrations
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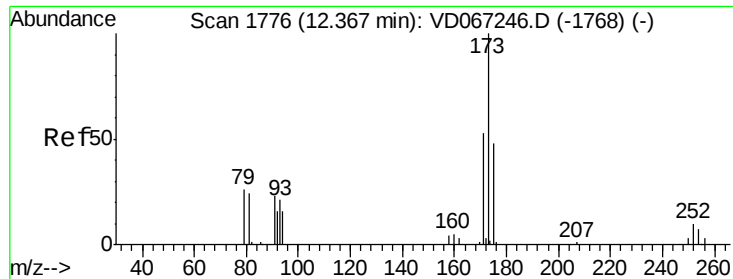
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#70
Styrene
Concen: 41.476 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion:104 Resp: 18380
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 56.7 42.6 64.0





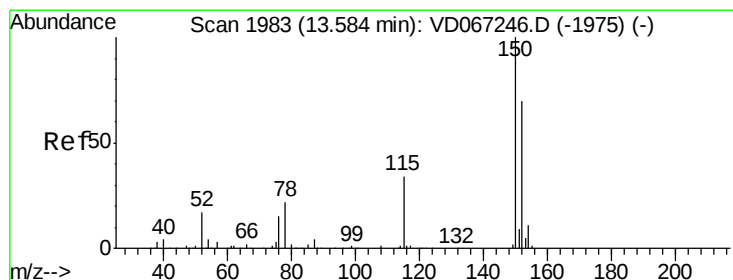
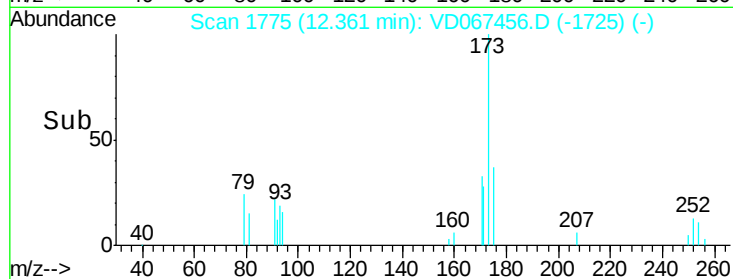
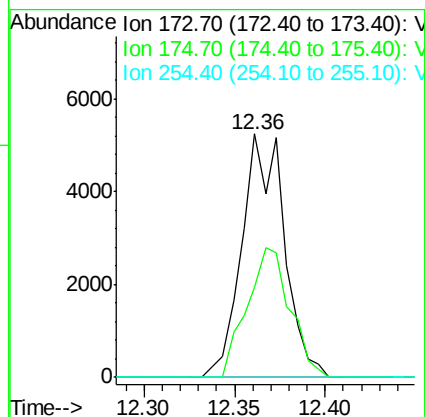
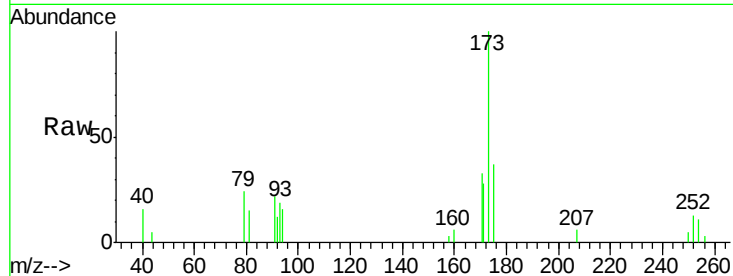
#71
Bromoform
Concen: 94.660 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	54.1	24.2	72.6
254	0.0	0.1	0.1#

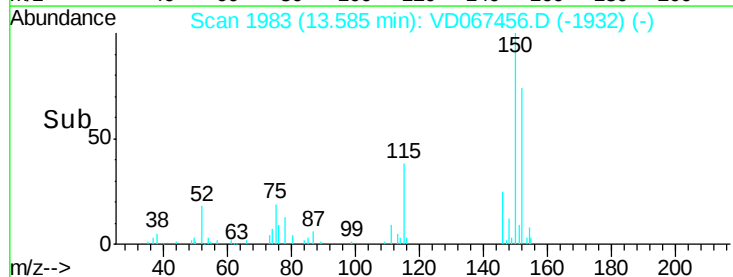
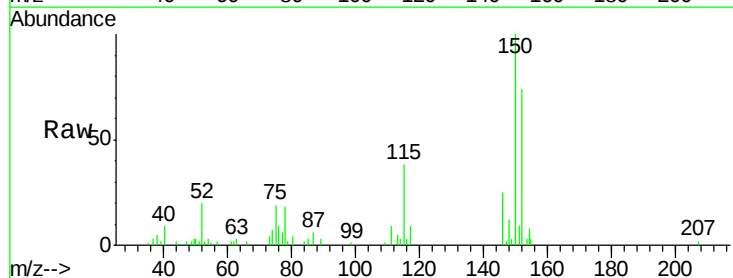
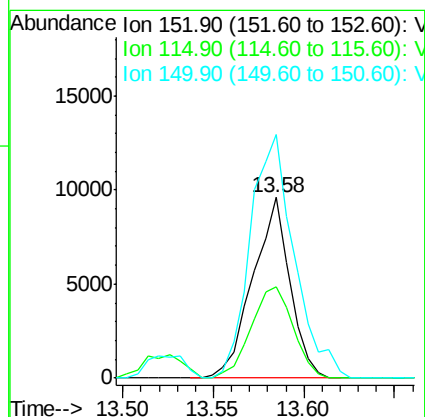
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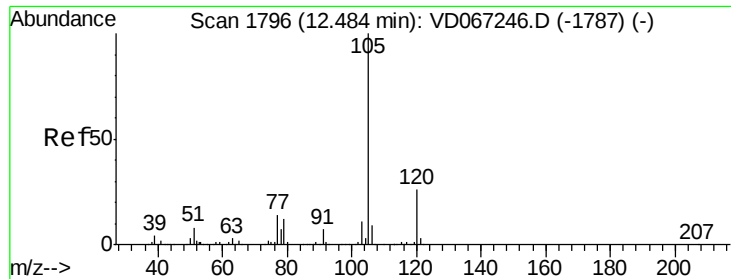
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	87.9
150	158.0	0.0	339.0





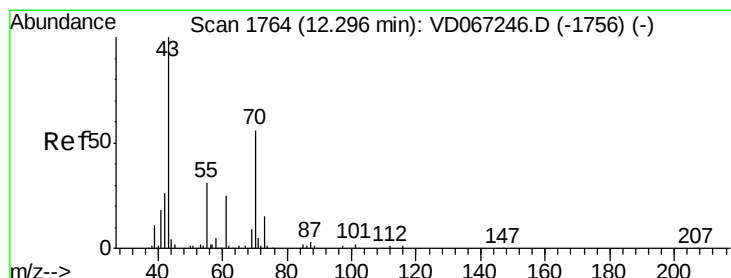
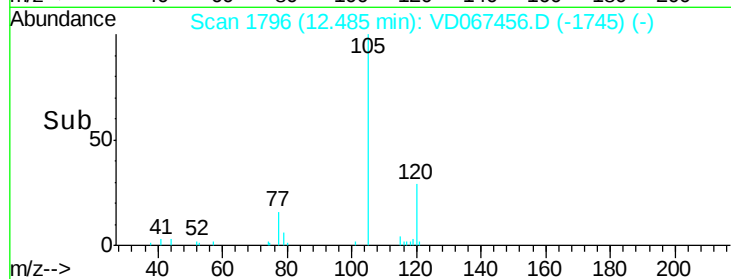
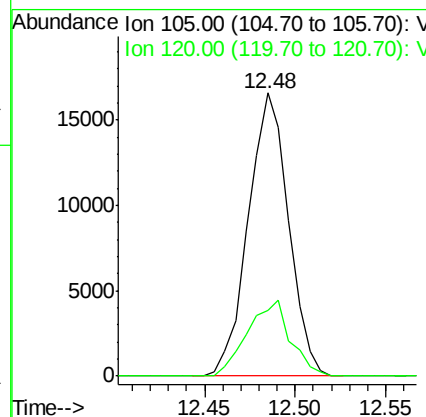
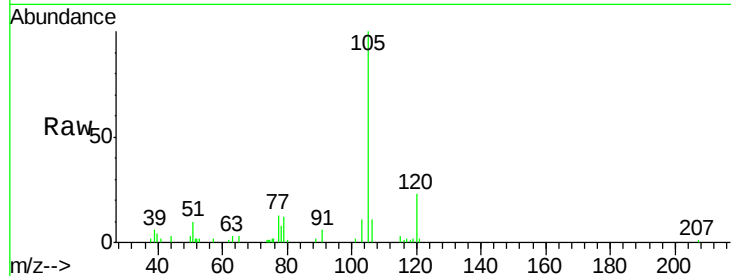
#73
Isopropylbenzene
Concen: 29.353 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	25632		
120	28.5	13.3	39.8	

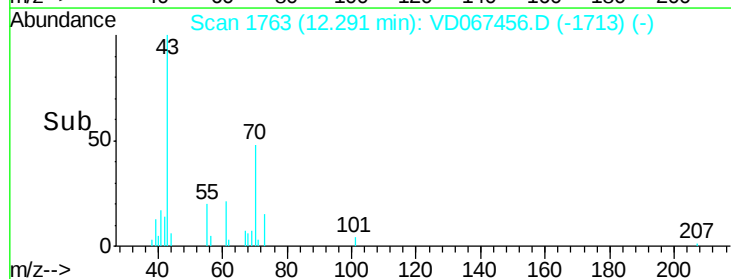
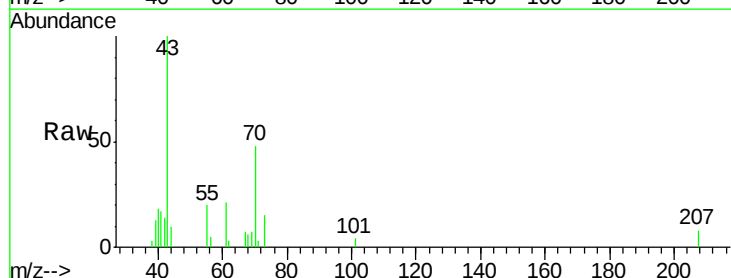
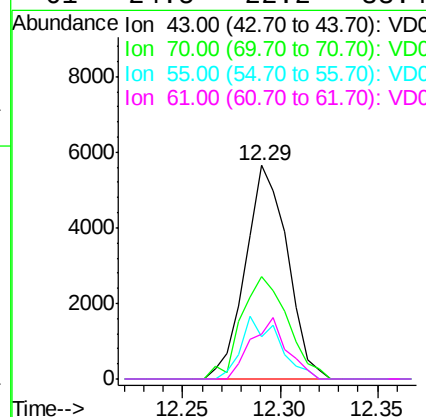
Manual Integrations
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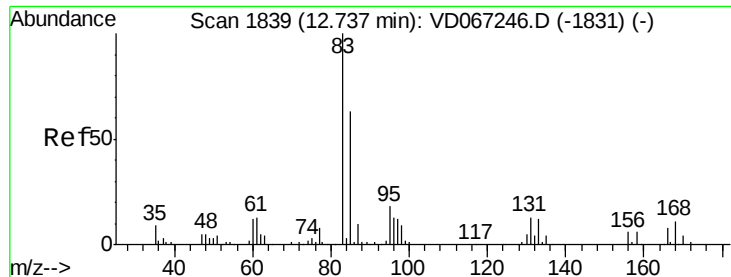
MMDadoda
10/30/2020 1:34:57 PM



#74
N-ethyl acetate
Concen: 63.691 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	8400		
70	53.4	42.7	64.1	
55	26.5	24.0	36.0	
61	24.5	22.2	33.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 89.940 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

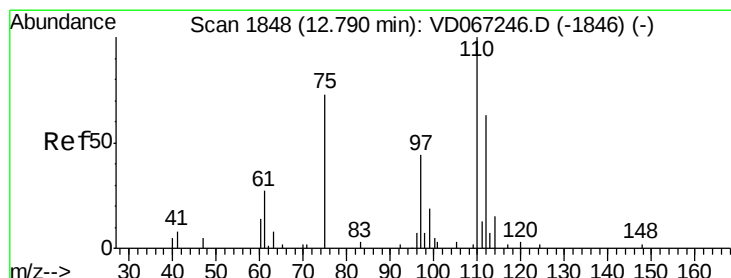
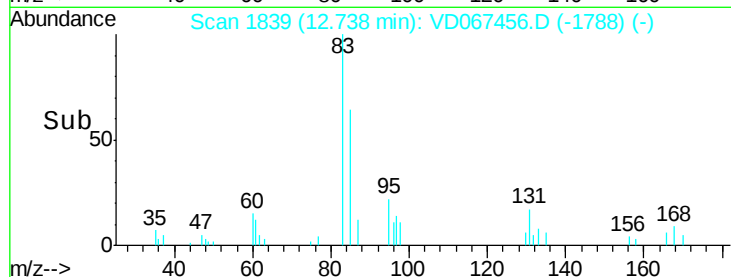
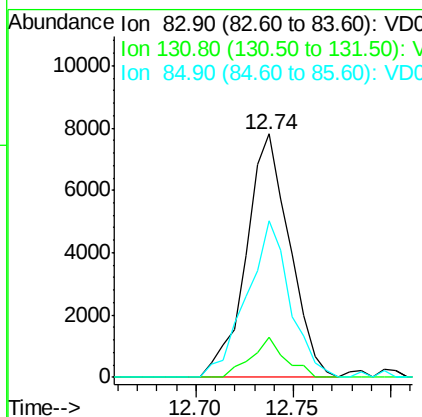
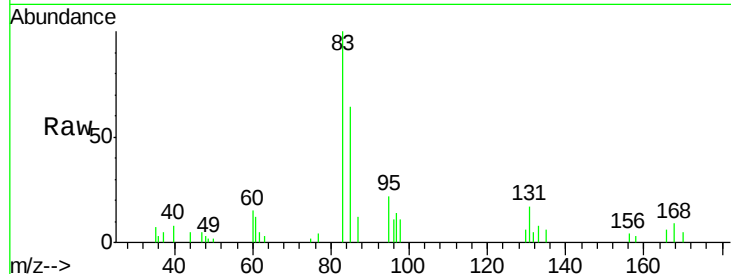
ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion:	83	Resp:	12034
Ion Ratio	Lower	Upper	
83	100		
131	12.8	6.5	19.5
85	64.0	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 95.656 ug/l m

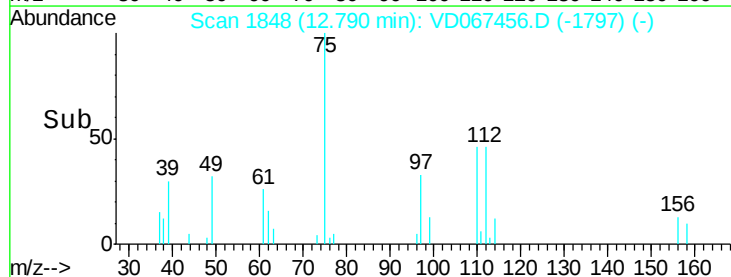
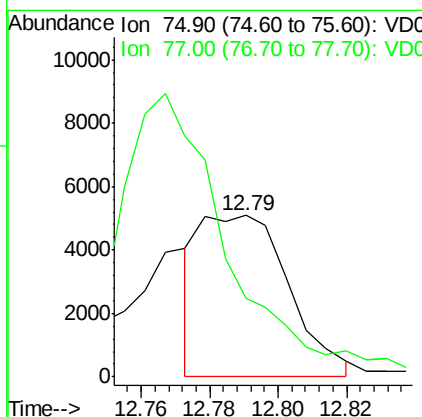
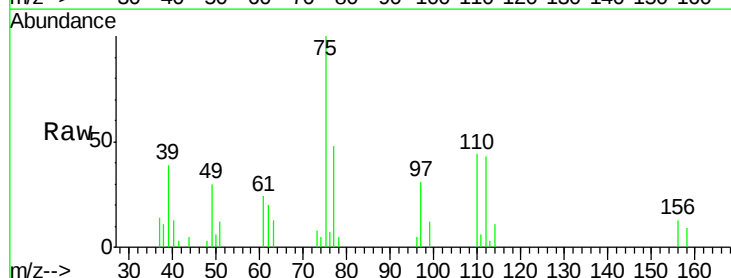
RT: 12.79 min Scan# 1848

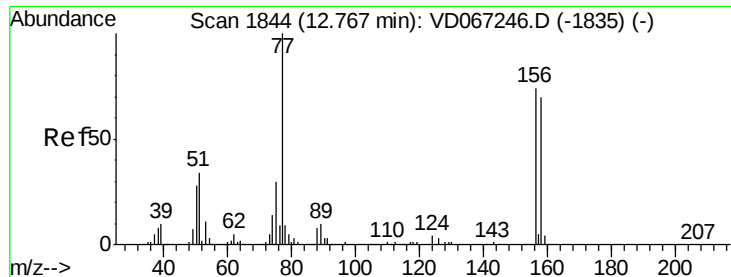
Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Tgt Ion:	75	Resp:	9122
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.809 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

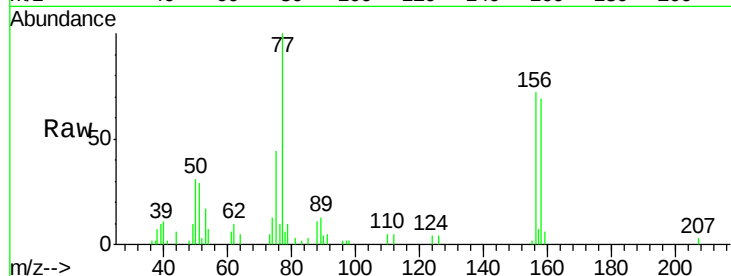
B308-B309-LOC2SO-0003MSD

Tot Ion:156 Resp: 9973

Ion	Ratio	Lower	Upper
156	100		
77	197.4	78.0	233.8
158	99.6	49.1	147.3

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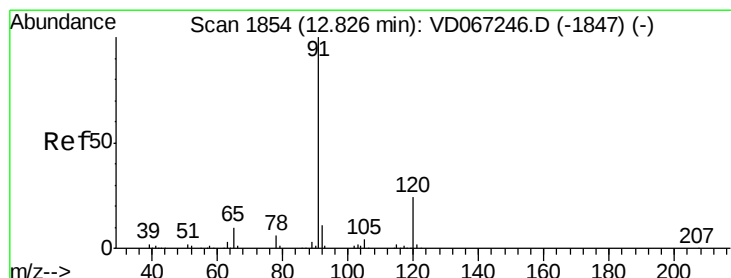
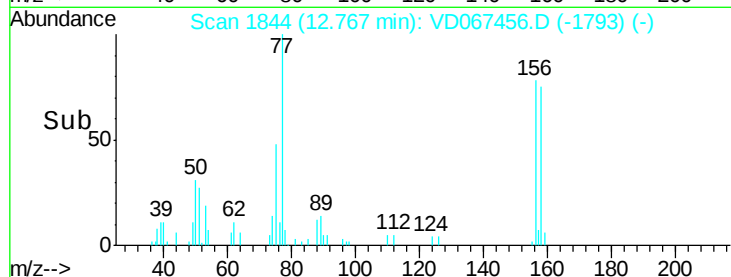
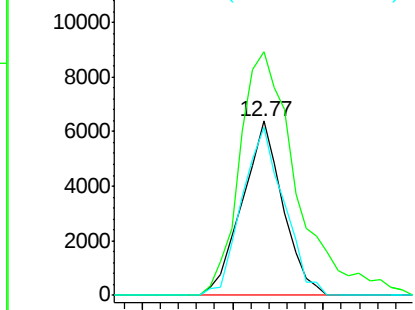
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 28.512 ug/l

RT: 12.83 min Scan# 1854

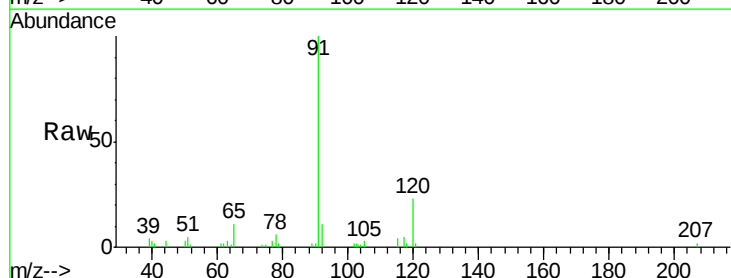
Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

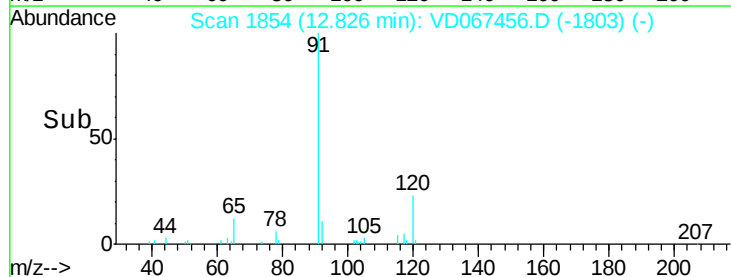
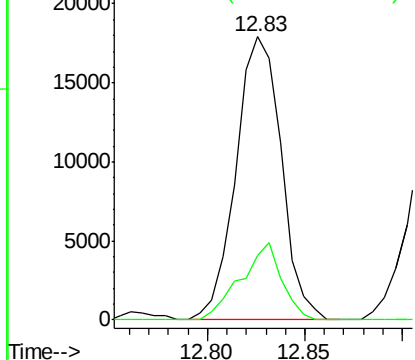
Tgt Ion: 91 Resp: 28847

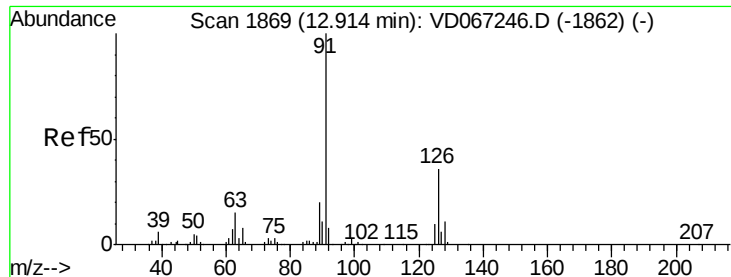
Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 34.218 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion: 91 Resp: 20077

Ion Ratio Lower Upper

91 100

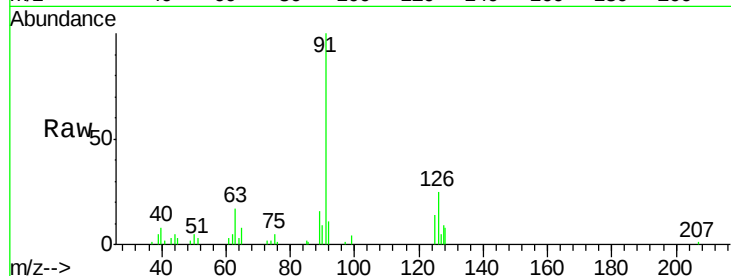
126 34.6 17.6 52.8

Manual Integrations

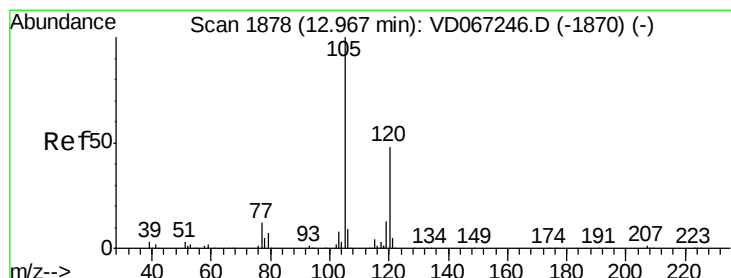
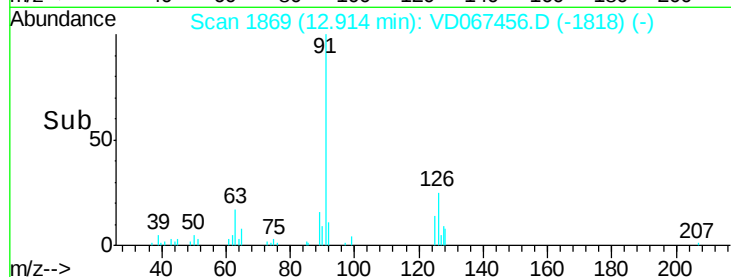
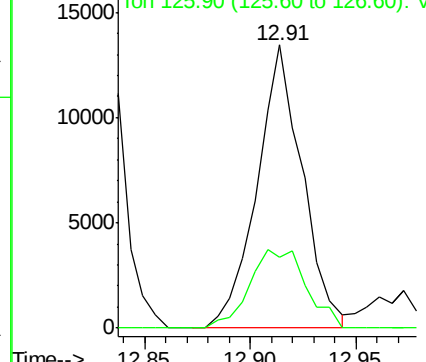
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Abundance Ion 91.00 (90.70 to 91.70): VD067456.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 26.730 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067456.D

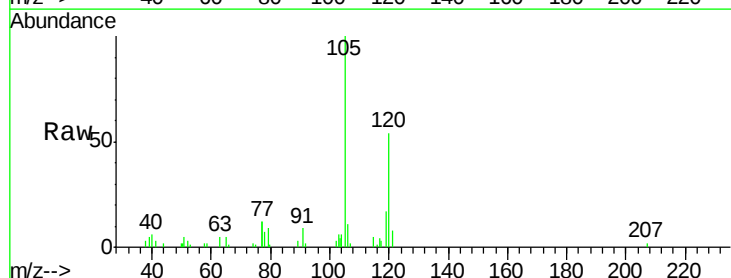
Acq: 29 Oct 2020 17:08

Tgt Ion: 105 Resp: 20284

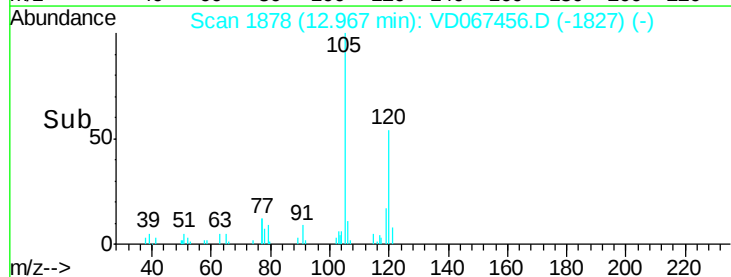
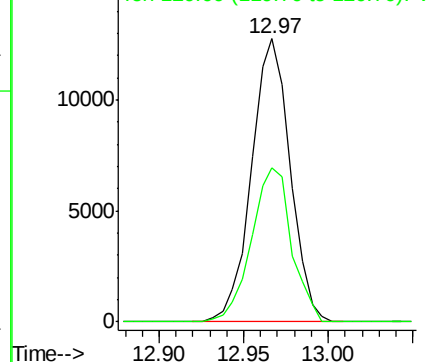
Ion Ratio Lower Upper

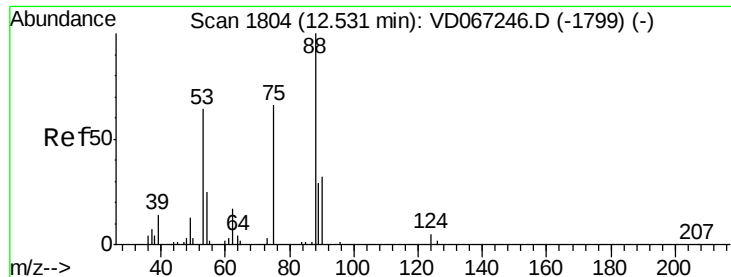
105 100

120 56.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067456.D (-1870) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 72.718 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Instrument :

MSVOA_D

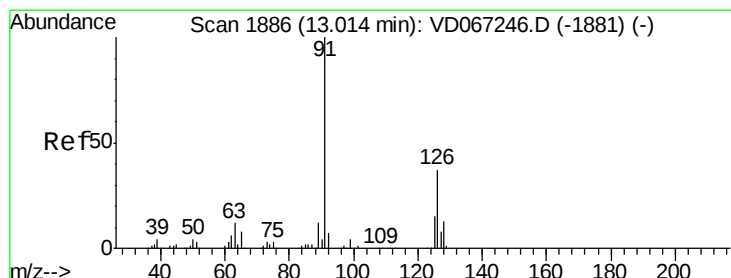
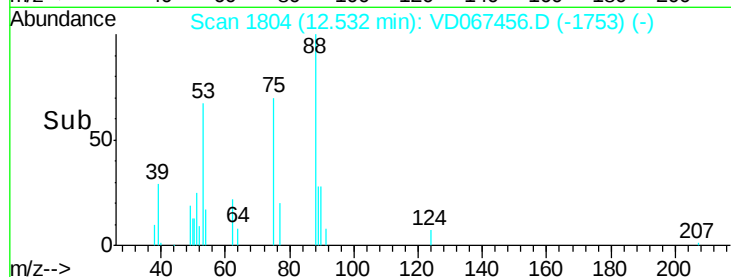
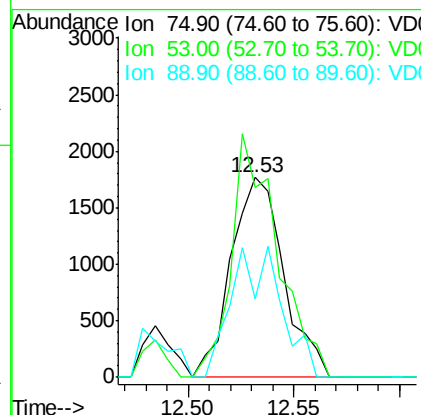
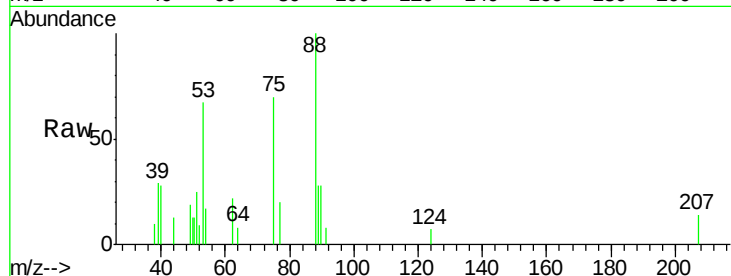
ClientSampleId :

B308-B309-LOC2SO-0003MSD

Tot Ion:	75	Resp:	3058
Ion	Ratio	Lower	Upper
75	100		
53	106.3	78.5	117.7
89	61.5	39.9	59.9#

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#82

4-Chlorotoluene

Concen: 36.733 ug/l

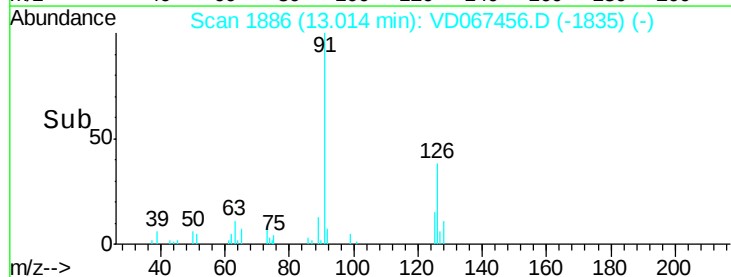
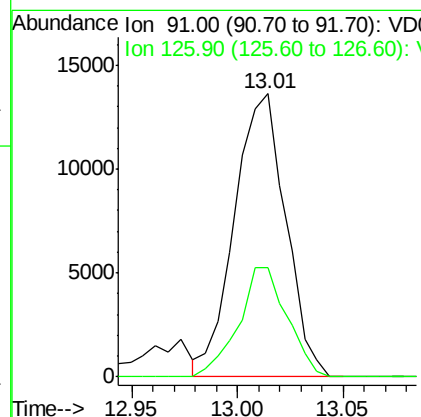
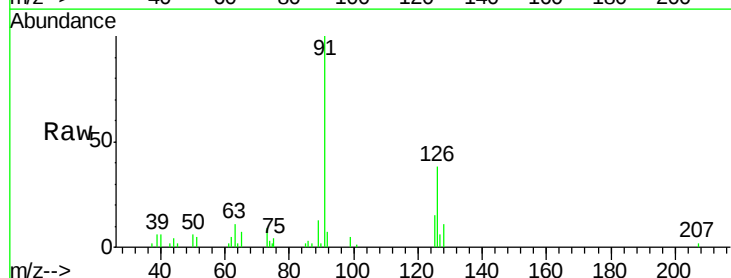
RT: 13.01 min Scan# 1886

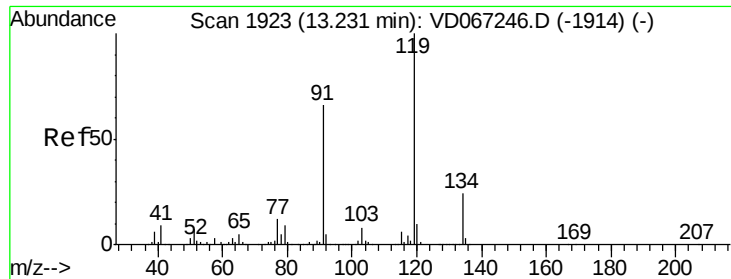
Delta R.T. 0.00 min

Lab File: VD067456.D

Acq: 29 Oct 2020 17:08

Tgt Ion:	91	Resp:	22875
Ion	Ratio	Lower	Upper
91	100		
126	36.7	17.8	53.5





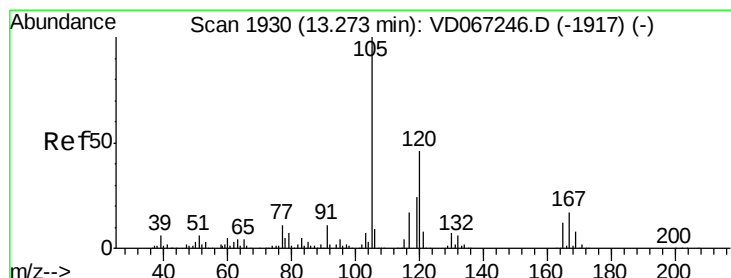
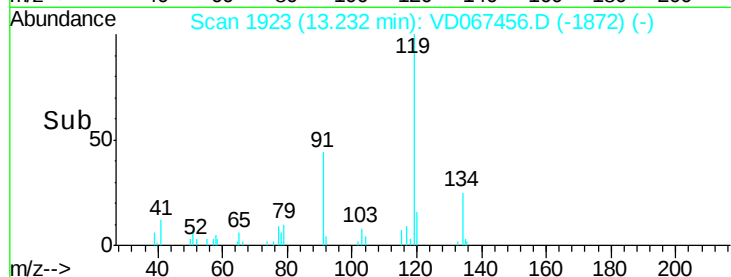
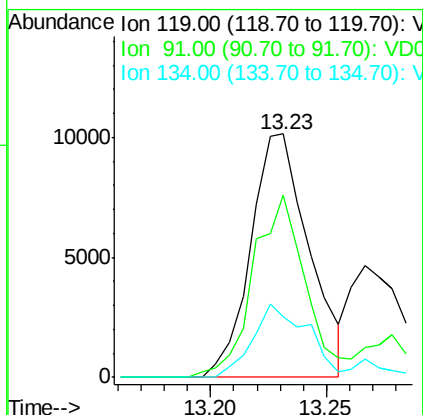
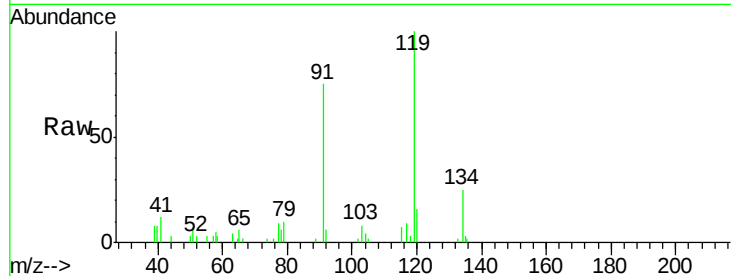
#83
tert-Butylbenzene
Concen: 27.922 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	17898		
91	67.6		33.1	99.2
134	28.0		13.3	39.9

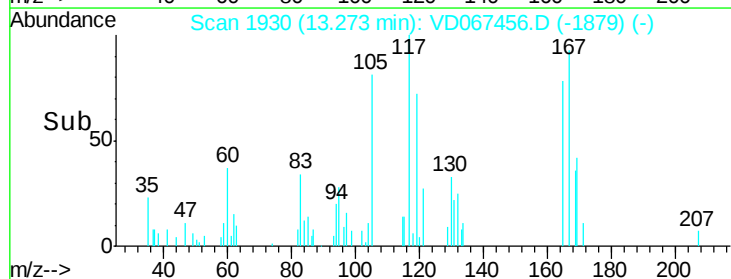
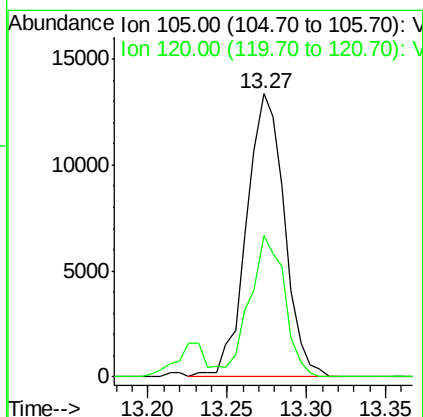
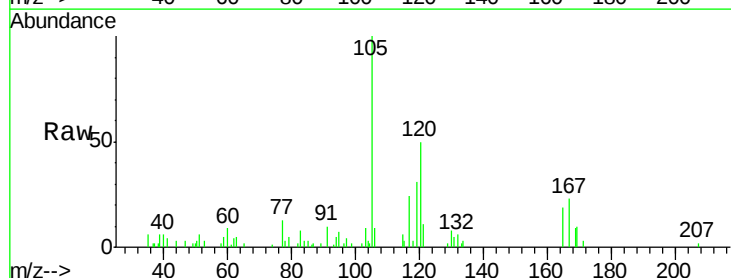
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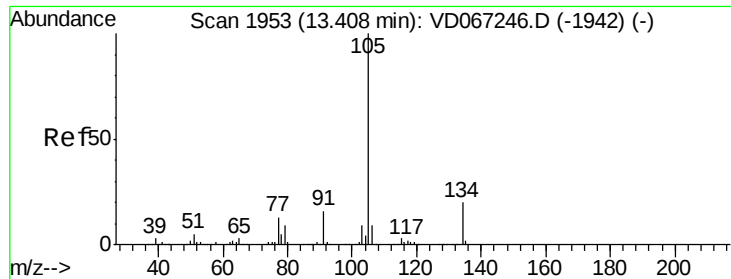
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#84
1,2,4-Trimethylbenzene
Concen: 29.593 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	22195		
120	45.6		22.4	67.3





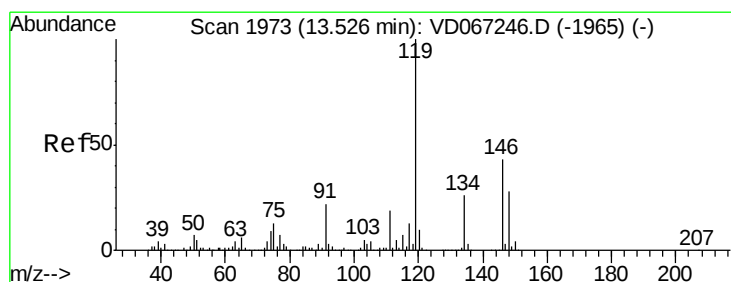
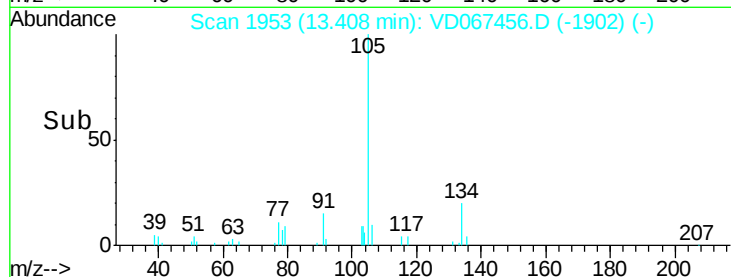
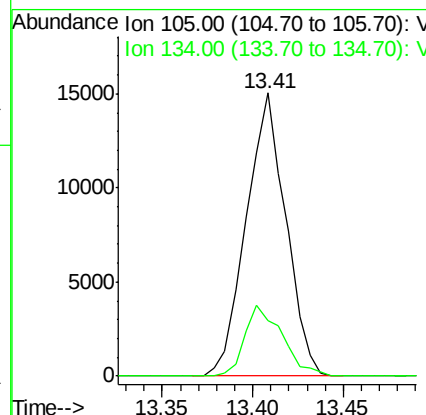
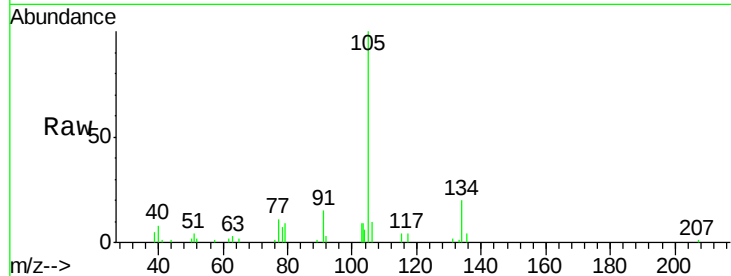
#85
 sec-Butylbenzene
 Concen: 25.946 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	23.8	10.5	31.5

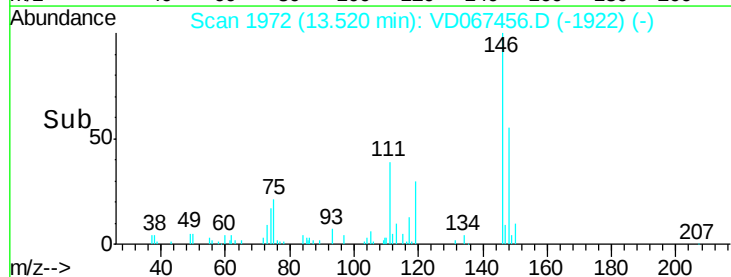
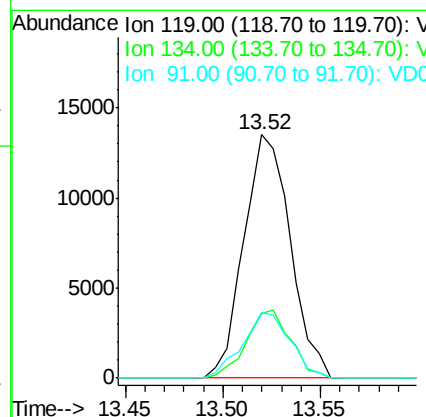
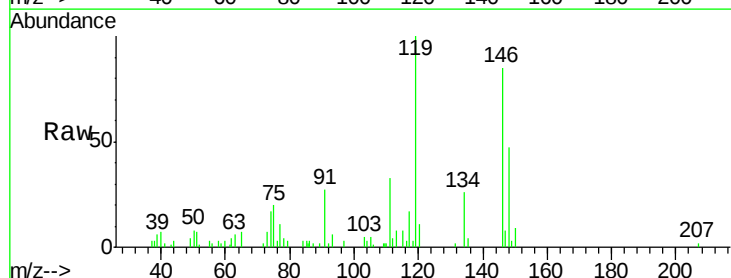
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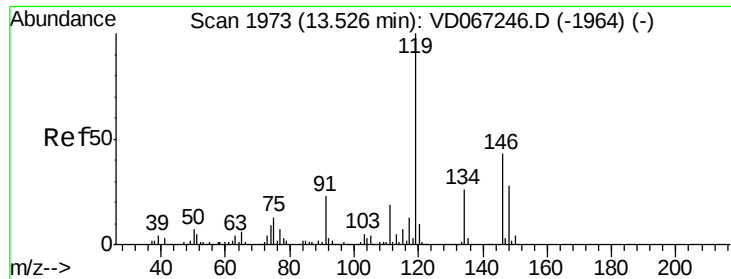
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#86
 p-Isopropyltoluene
 Concen: 26.862 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.3
91	27.7	11.9	35.9





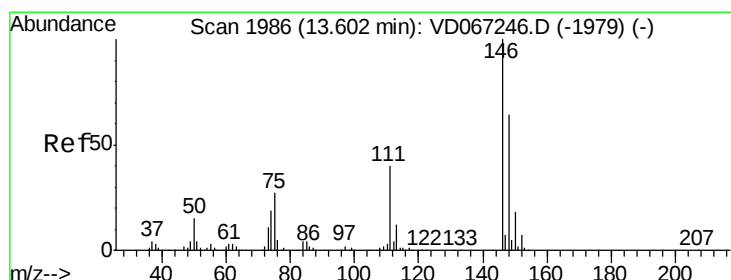
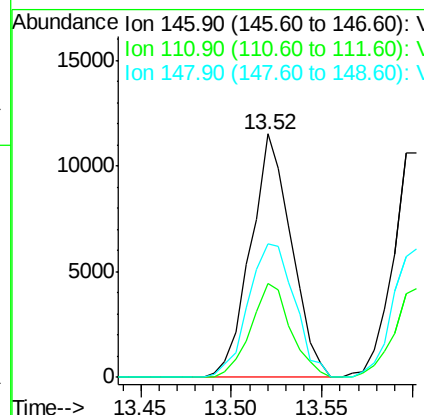
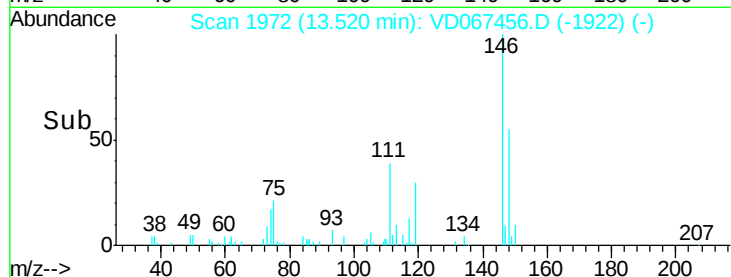
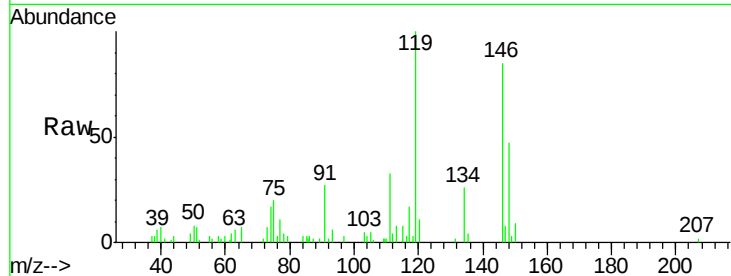
#87
 1,3-Dichlorobenzene
 Concen: 43.056 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	21.1	63.3
148	62.4	31.9	95.9

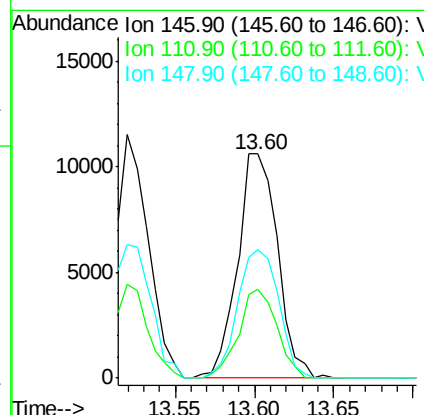
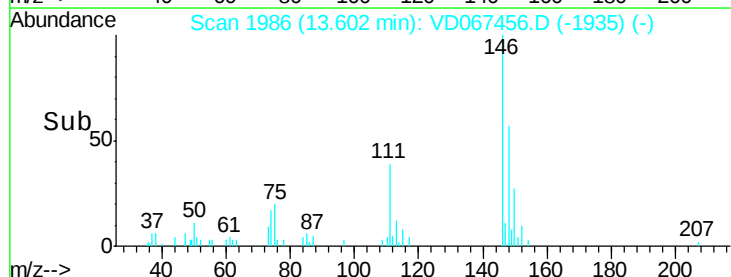
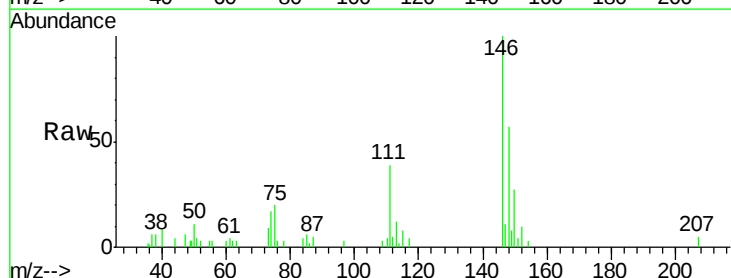
Manual Integrations
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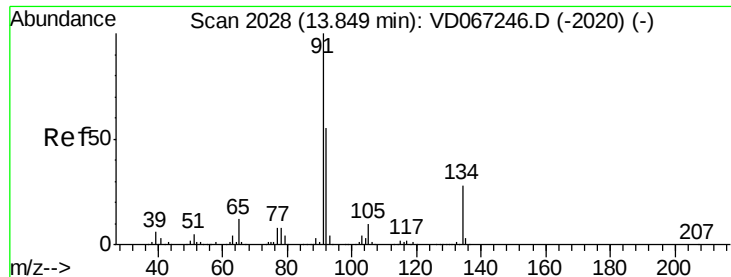
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#88
 1,4-Dichlorobenzene
 Concen: 44.826 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.9	59.7
148	58.9	31.9	95.9





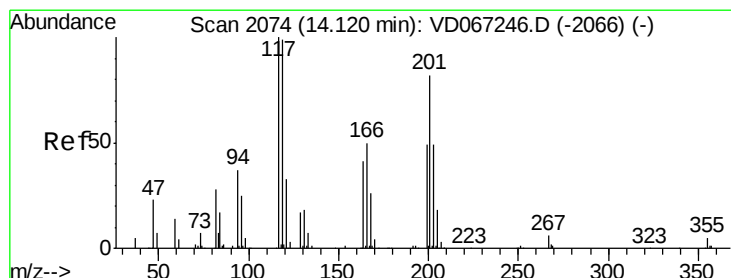
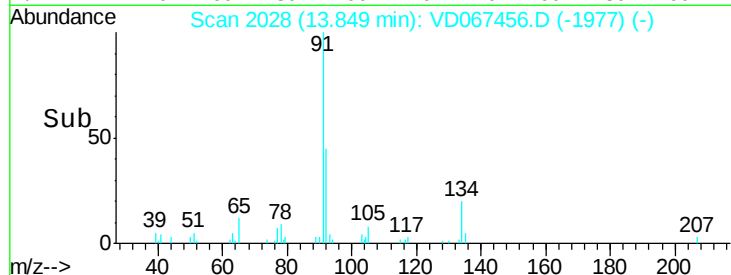
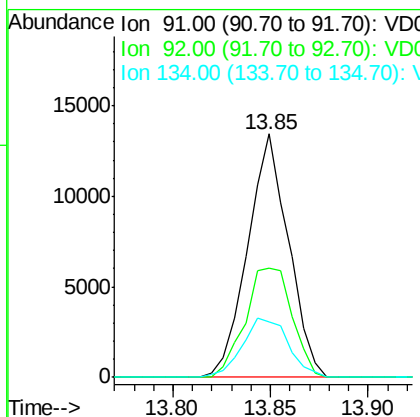
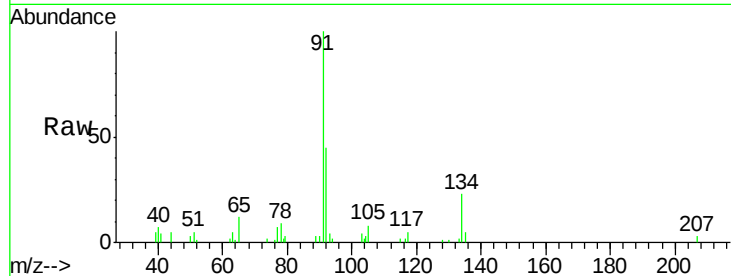
#89
n-Butylbenzene
Concen: 26.701 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.5	26.7	80.0	
134	27.4	14.2	42.6	

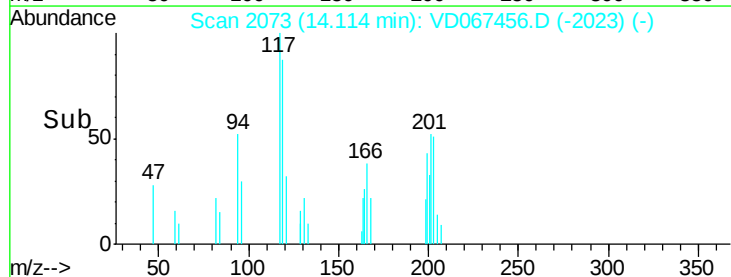
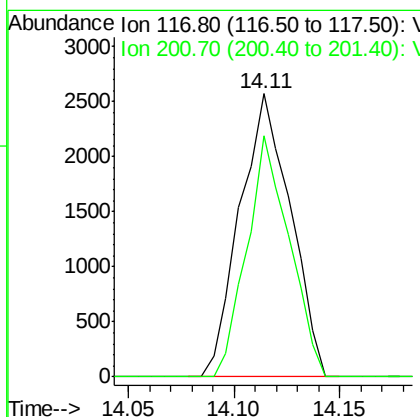
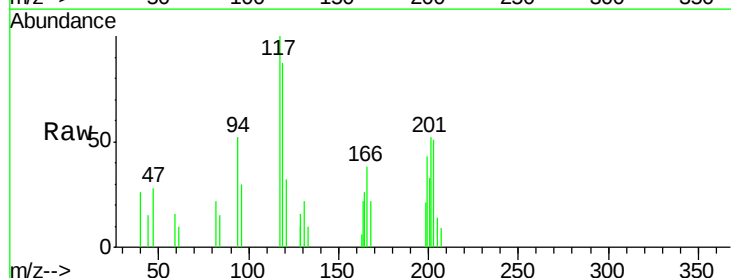
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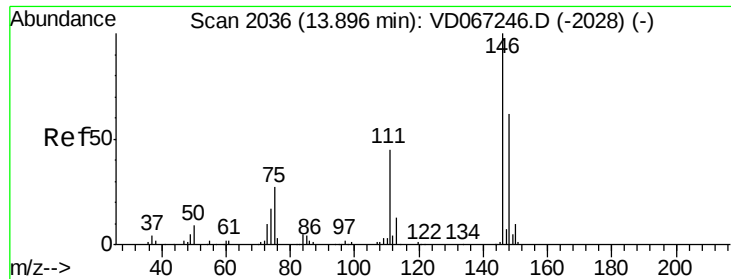
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#90
Hexachloroethane
Concen: 29.606 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	71.6	40.8	122.2	





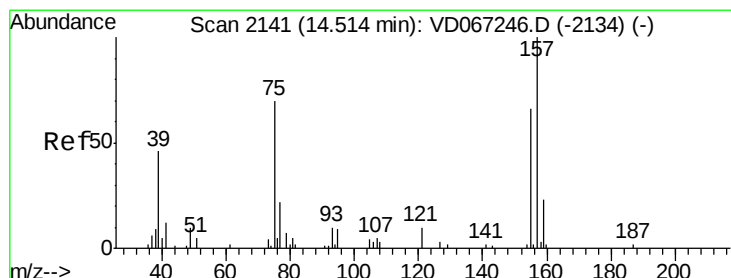
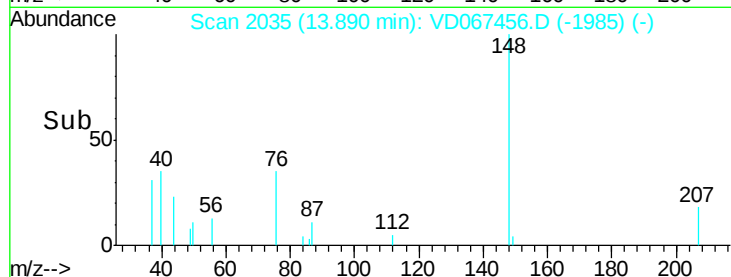
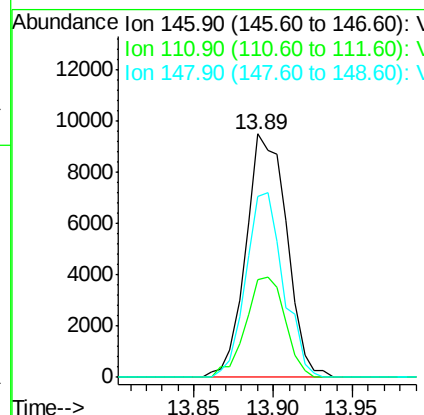
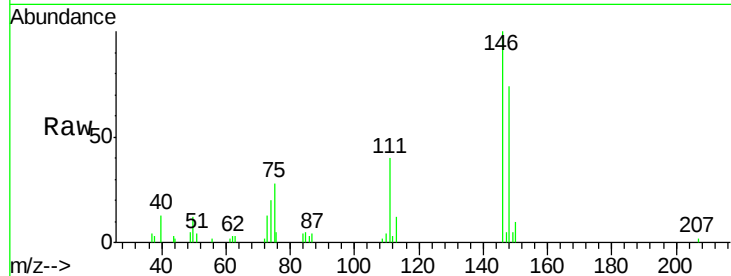
#91
 1,2-Dichlorobenzene
 Concen: 46.344 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	22.0	66.0
148	69.6	32.5	97.5

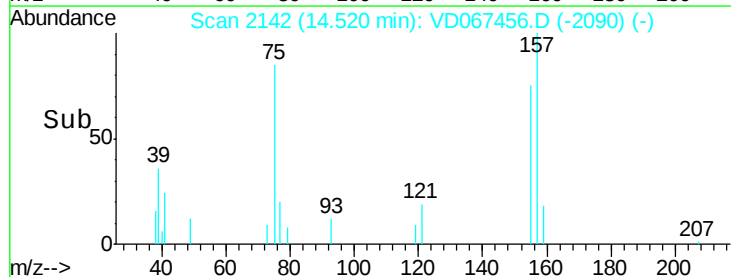
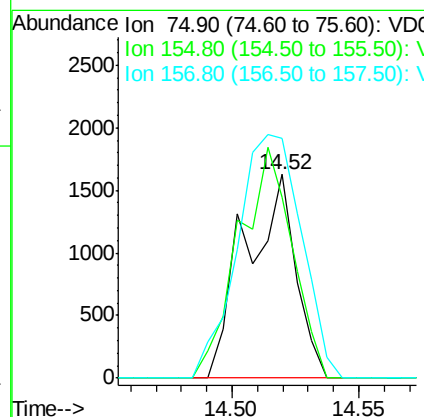
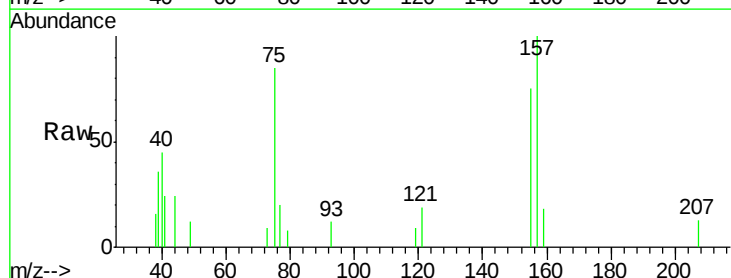
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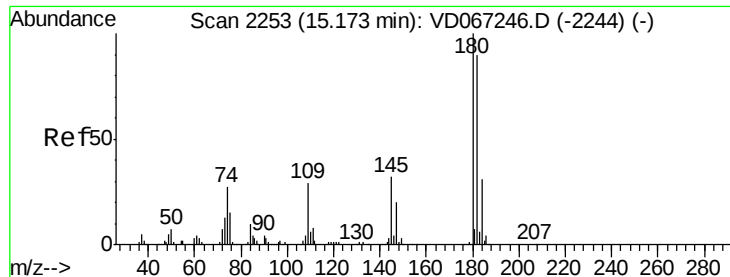
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.975 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	120.0	44.8	134.4
157	152.3	62.5	187.4





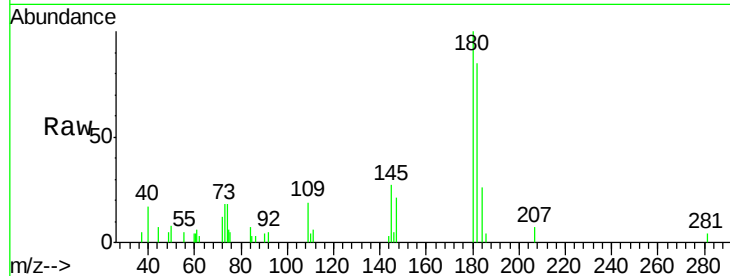
#93
 1,2,4-Trichlorobenzene
 Concen: 41.206 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2SO-0003MSD

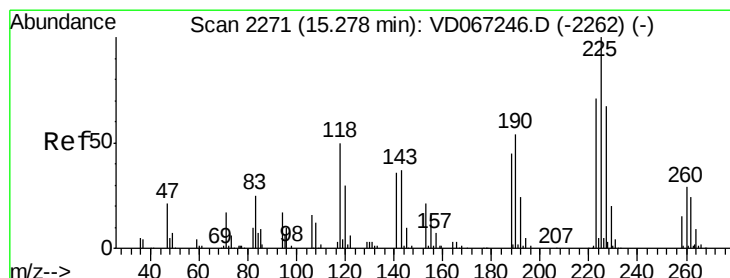
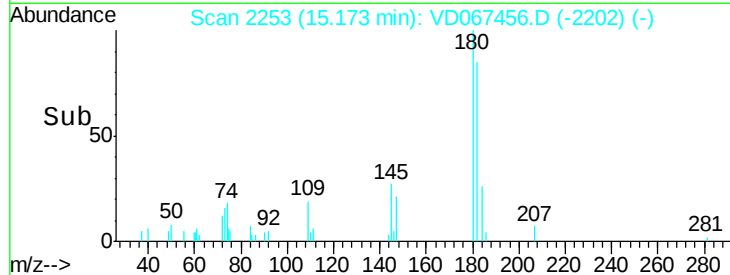
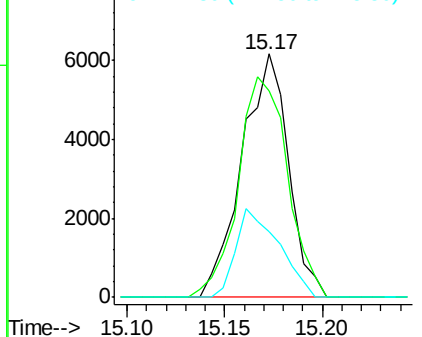
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	33.7	16.3	48.9

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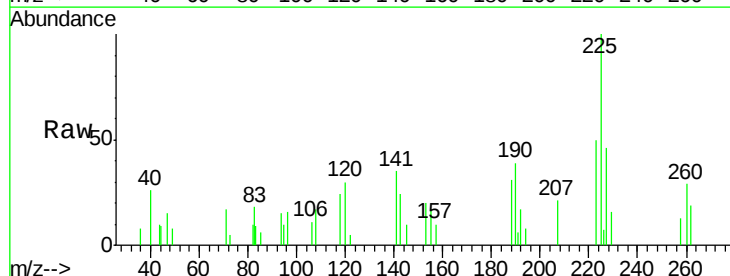


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

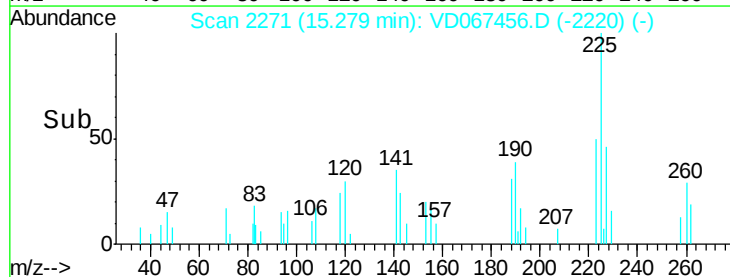
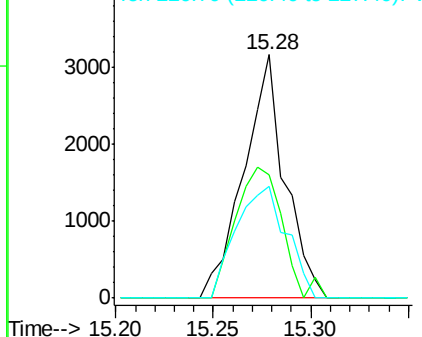


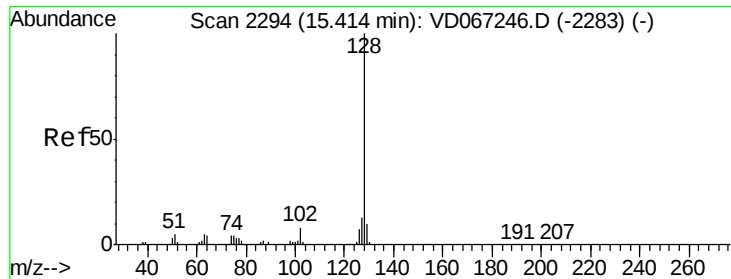
#94
 Hexachlorobutadiene
 Concen: 30.124 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067456.D
 Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.7
227	56.0	31.2	93.6



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





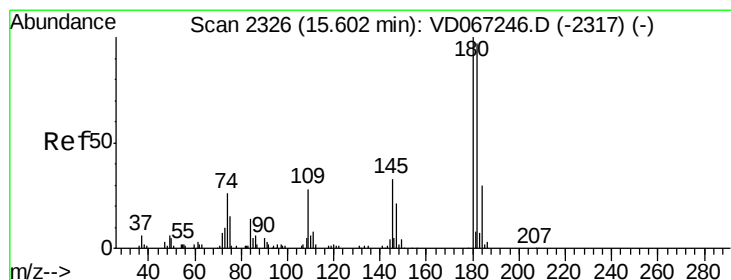
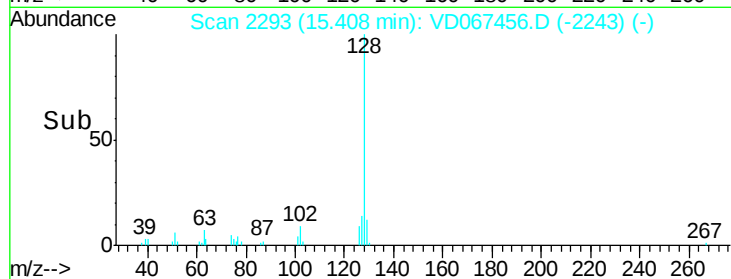
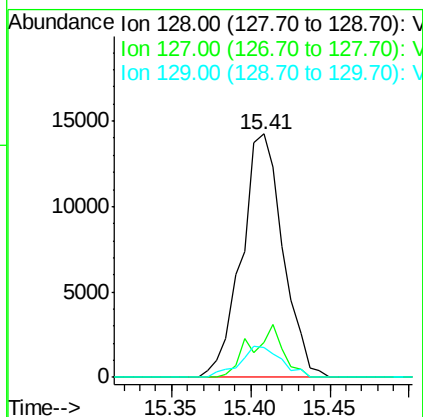
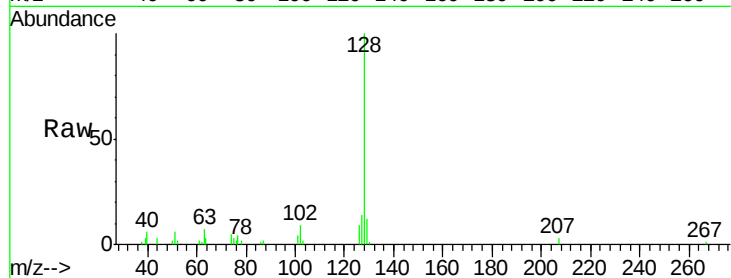
#95
Naphthalene
Concen: 63.657 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2SO-0003MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.2	10.4	15.6#
129	12.8	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 49.460 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067456.D
Acq: 29 Oct 2020 17:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	48.1	144.3
145	30.6	17.3	51.9

