

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067761.D
 Acq On : 24 Nov 2020 11:36
 Operator : VA/SY
 Sample : VD1124SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 2:01:53 PM

Quant Time: Nov 25 02:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	264596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	347104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	137456	53.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.86%
35) Dibromofluoromethane	7.92	113	128044	52.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.56%
50) Toluene-d8	10.34	98	482151	54.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.72%
62) 4-Bromofluorobenzene	12.64	95	167437	55.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46243	20.083	ug/l	91
3) Chloromethane	2.21	50	27215	21.230	ug/l	95
4) Vinyl Chloride	2.35	62	32543	20.259	ug/l	97
5) Bromomethane	2.76	94	29898	21.846	ug/l	97
6) Chloroethane	2.92	64	22537	21.051	ug/l	97
7) Trichlorofluoromethane	3.27	101	103065	21.026	ug/l	99
8) Diethyl Ether	3.71	74	18658	18.853	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	48255	20.558	ug/l	100
10) Methyl Iodide	4.30	142	46205	19.232	ug/l #	96
11) Tert butyl alcohol	5.21	59	21577m	141.429	ug/l	
12) 1,1-Dichloroethene	4.07	96	44900	20.673	ug/l	94
13) Acrolein	3.91	56	9946	93.270	ug/l	99
14) Allyl chloride	4.71	41	43015	20.488	ug/l	99
15) Acrylonitrile	5.43	53	31306	90.823	ug/l	89
16) Acetone	4.16	43	30231	90.959	ug/l	97
17) Carbon Disulfide	4.41	76	130239	20.732	ug/l	98
18) Methyl Acetate	4.72	43	13245	19.808	ug/l #	67
19) Methyl tert-butyl Ether	5.48	73	91715	19.758	ug/l	94
20) Methylene Chloride	4.96	84	51371	15.414	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	50294	20.368	ug/l	91
22) Diisopropyl ether	6.36	45	87770	21.178	ug/l	96
23) Vinyl Acetate	6.31	43	227721	97.408	ug/l	94
24) 1,1-Dichloroethane	6.27	63	73958	21.049	ug/l	99
25) 2-Butanone	7.21	43	35809	96.014	ug/l	94
26) 2,2-Dichloropropane	7.20	77	86206	20.797	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55360	21.033	ug/l	97
28) Bromochloromethane	7.55	49	21781	19.352	ug/l	98
29) Tetrahydrofuran	7.57	42	20700	97.619	ug/l	97
30) Chloroform	7.71	83	93012	20.243	ug/l	98
31) Cyclohexane	7.99	56	63938	20.540	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	101461	20.851	ug/l	98
36) 1,1-Dichloropropene	8.11	75	70438	21.534	ug/l	99
37) Ethyl Acetate	7.29	43	16805	19.107	ug/l #	80
38) Carbon Tetrachloride	8.10	117	98446	20.763	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	81329	21.010	ug/l	93
40) Benzene	8.36	78	184296	20.515	ug/l	98
41) Methacrylonitrile	7.54	41	10802m	24.051	ug/l	
42) 1,2-Dichloroethane	8.43	62	61646	20.224	ug/l	99
43) Isopropyl Acetate	8.46	43	33895	19.297	ug/l	98
44) Trichloroethene	9.11	130	61765	20.744	ug/l	99
45) 1,2-Dichloropropane	9.38	63	37981	20.604	ug/l	100
46) Dibromomethane	9.48	93	26197	20.875	ug/l	95
47) Bromodichloromethane	9.67	83	74774	21.397	ug/l	94
48) Methyl methacrylate	9.46	41	15915	18.124	ug/l	95
49) 1,4-Dioxane	9.46	88	5324	391.459	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	79857	96.620	ug/l	100
52) Toluene	10.41	92	134532	22.075	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	60234	19.728	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	69020	19.975	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	34645	20.575	ug/l	95
56) Ethyl methacrylate	10.66	69	33035	18.949	ug/l	98
57) 1,3-Dichloropropane	10.95	76	54472	20.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	71658	87.970	ug/l	98
59) 2-Hexanone	10.98	43	54079	92.674	ug/l	100
60) Dibromochloromethane	11.14	129	51475	20.061	ug/l	98
61) 1,2-Dibromoethane	11.25	107	32766	19.749	ug/l	98
64) Tetrachloroethene	10.88	164	58709	21.792	ug/l	97
65) Chlorobenzene	11.67	112	143814	21.081	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	57876	20.973	ug/l	98
67) Ethyl Benzene	11.75	91	246873	20.962	ug/l	97
68) m/p-Xylenes	11.86	106	201068	43.871	ug/l	97
69) o-Xylene	12.18	106	87007	20.851	ug/l	98
70) Styrene	12.20	104	151669	21.339	ug/l	98
71) Bromoform	12.36	173	30272	20.207	ug/l #	100
73) Isopropylbenzene	12.48	105	249027	21.661	ug/l	99
74) N-amyl acetate	12.29	43	29604	19.527	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	30073	19.491	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23816m	19.557	ug/l	
77) Bromobenzene	12.76	156	60808	21.130	ug/l	98
78) n-propylbenzene	12.83	91	284018	22.205	ug/l	99
79) 2-Chlorotoluene	12.91	91	161403	21.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	220557	22.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	9553	18.348	ug/l	88
82) 4-Chlorotoluene	13.01	91	171644	21.272	ug/l	99
83) tert-Butylbenzene	13.23	119	179783	20.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	217681	21.792	ug/l	100
85) sec-Butylbenzene	13.40	105	246883	21.871	ug/l	99
86) p-Isopropyltoluene	13.52	119	238899	21.850	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	116247	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	116770	21.164	ug/l	97
89) n-Butylbenzene	13.85	91	195210	20.835	ug/l	99
90) Hexachloroethane	14.11	117	42248	20.299	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	100652	20.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6508	19.565	ug/l	99

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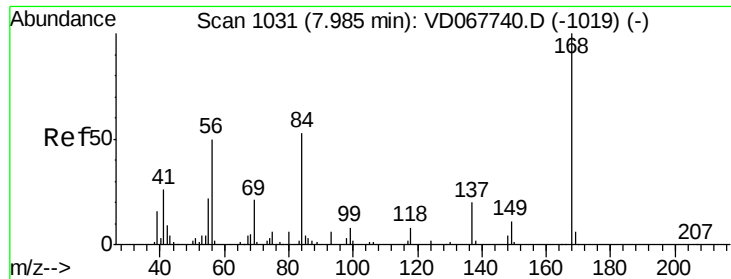
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	69546	20.471	ug/l	97
94) Hexachlorobutadiene	15.27	225	45656	21.034	ug/l	97
95) Naphthalene	15.40	128	104382	18.985	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	57978	20.035	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067761.D

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Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion:168 Resp: 264596

Ion Ratio Lower Upper

168 100

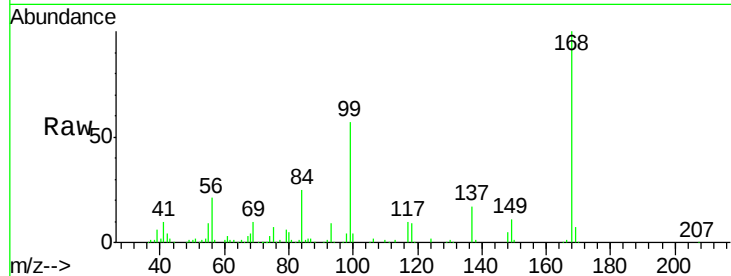
99 56.6 43.8 65.8

Manual Integrations

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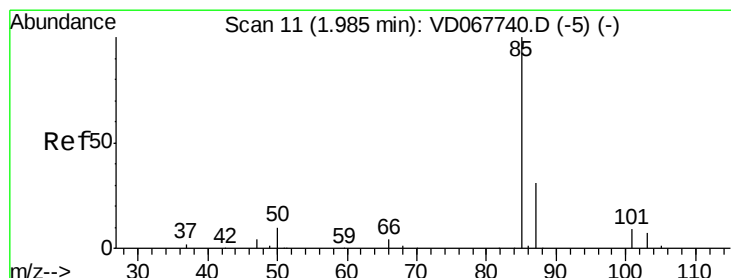
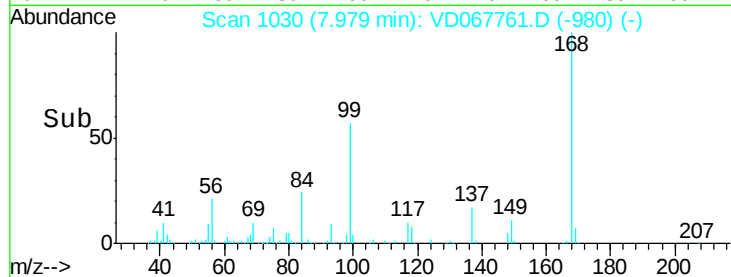
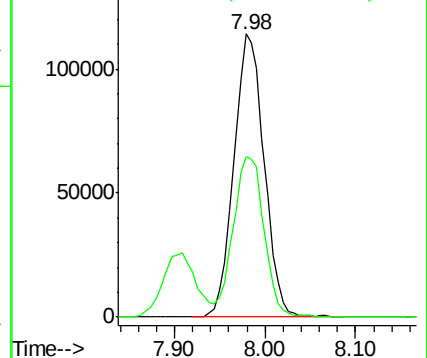
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.083 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067761.D

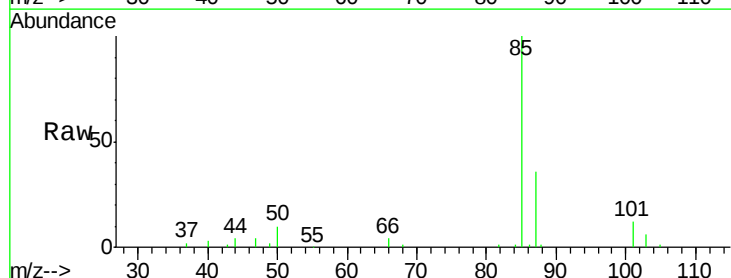
Acq: 24 Nov 2020 11:36

Tgt Ion: 85 Resp: 46243

Ion Ratio Lower Upper

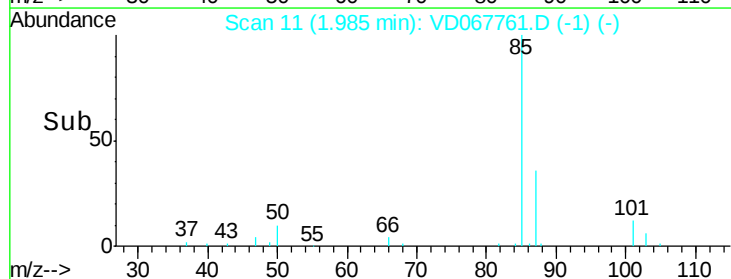
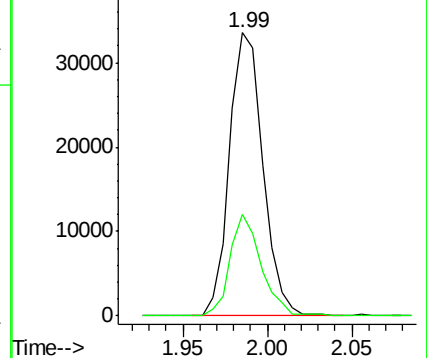
85 100

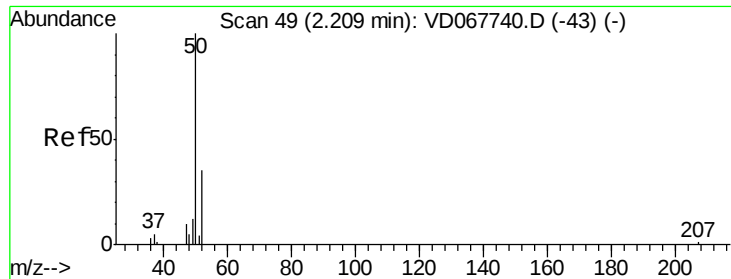
87 36.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.230 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 50 Resp: 27215

Ion Ratio Lower Upper

50 100

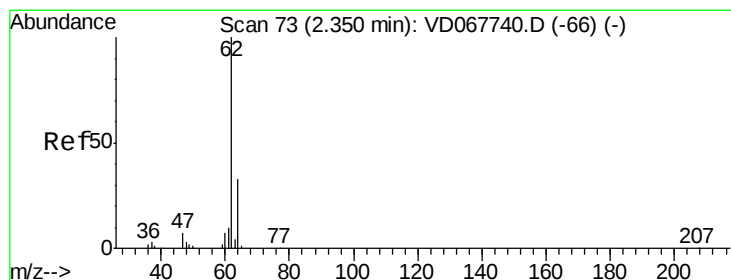
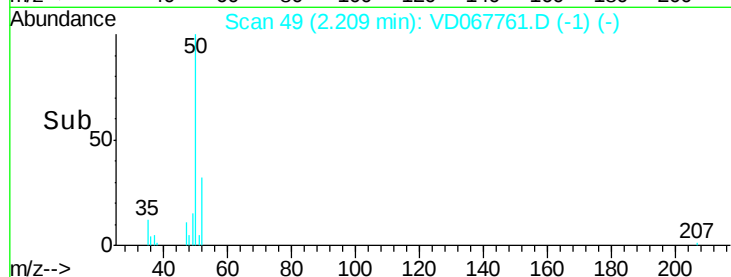
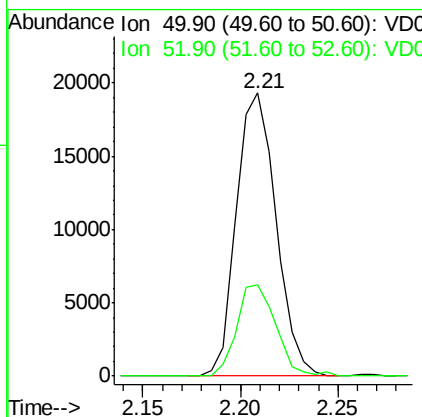
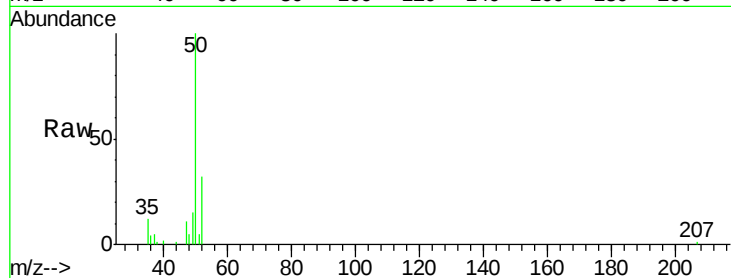
52 32.2 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.259 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067761.D

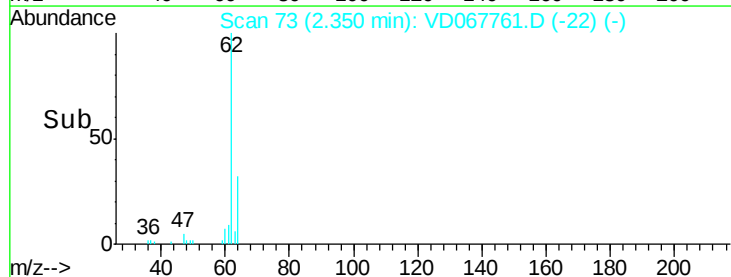
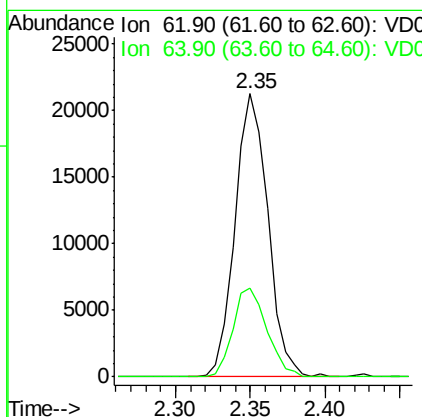
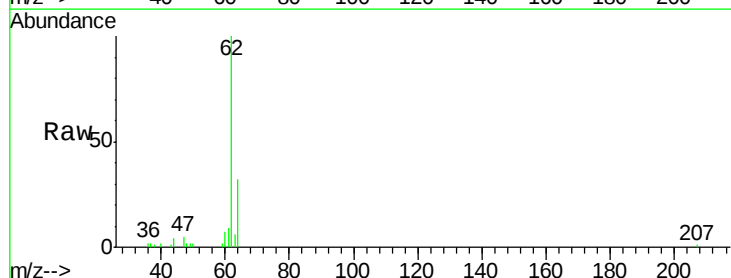
Acq: 24 Nov 2020 11:36

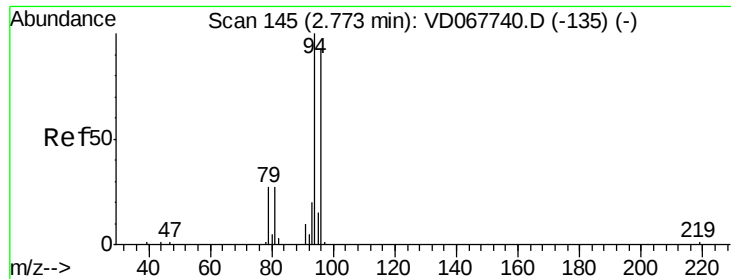
Tgt Ion: 62 Resp: 32543

Ion Ratio Lower Upper

62 100

64 31.6 26.6 40.0





#5

Bromomethane

Concen: 21.846 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 94 Resp: 29898

Ion Ratio Lower Upper

94 100

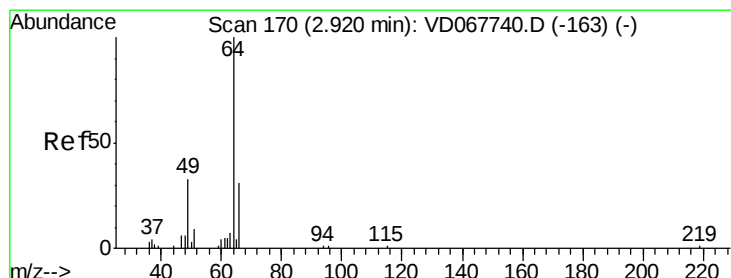
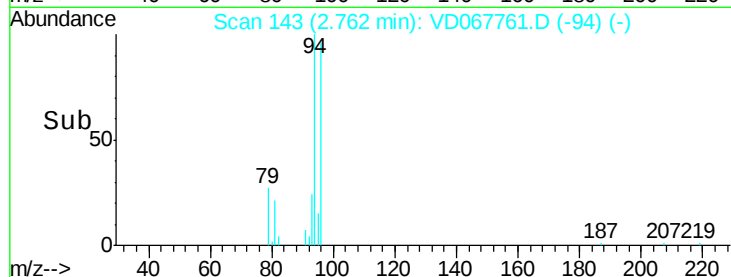
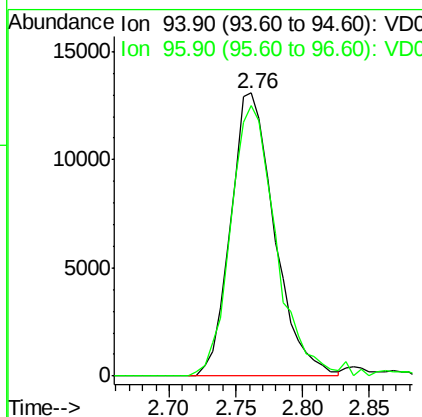
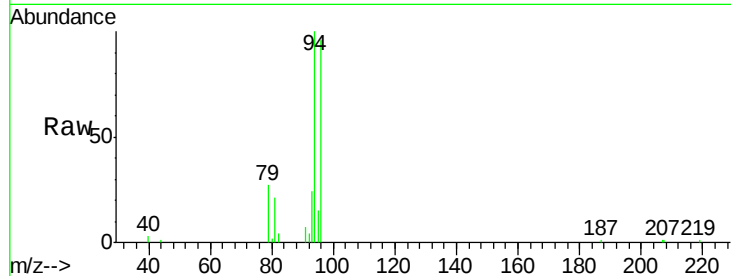
96 95.8 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 21.051 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067761.D

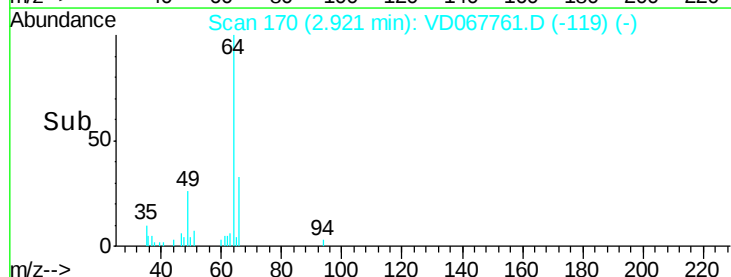
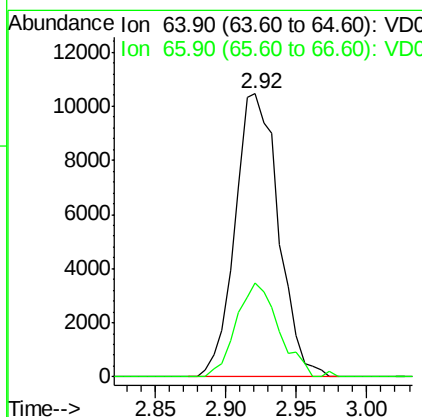
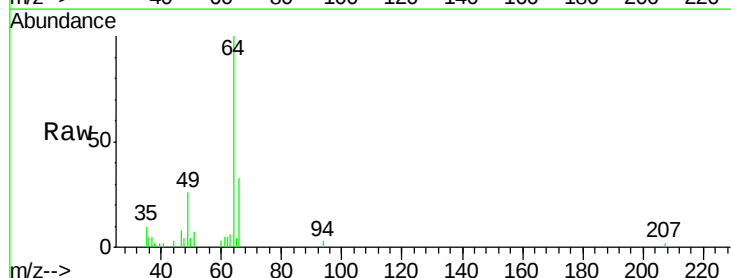
Acq: 24 Nov 2020 11:36

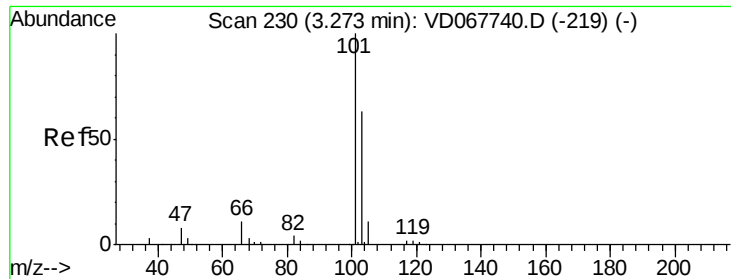
Tgt Ion: 64 Resp: 22537

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7





#7

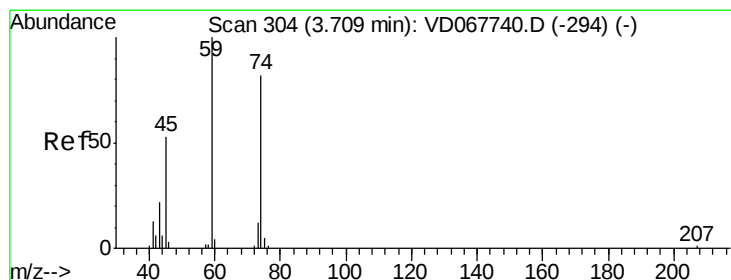
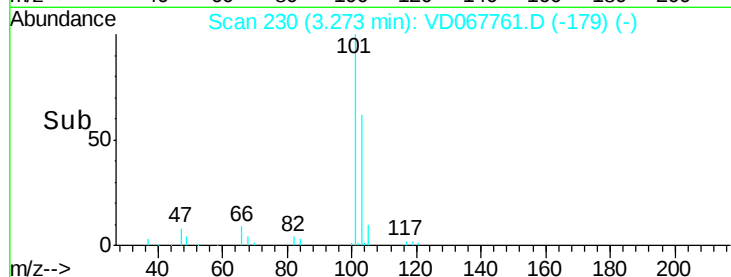
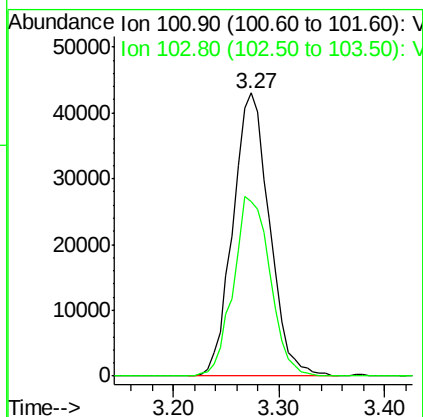
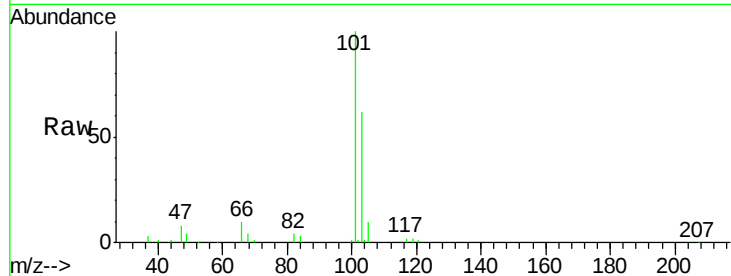
Trichlorofluoromethane
 Concen: 21.026 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067761.D
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 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	50.3	75.5

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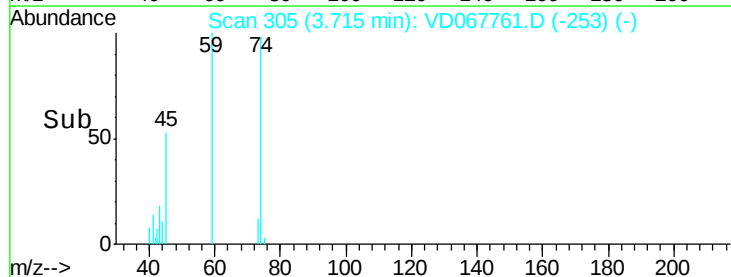
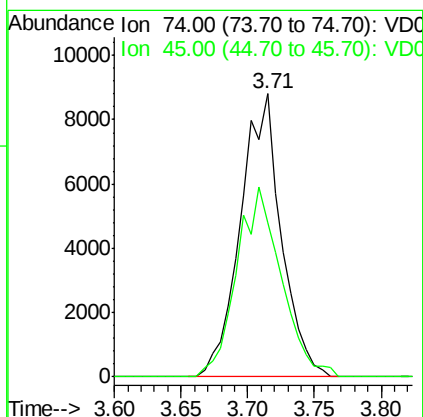
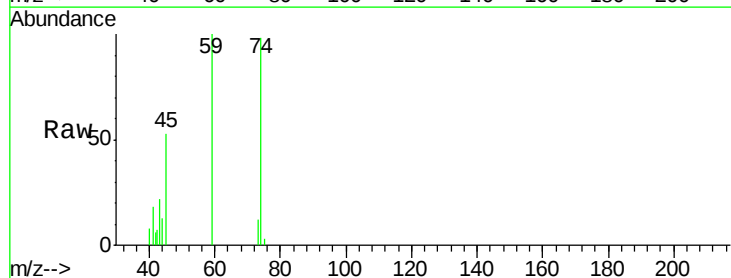
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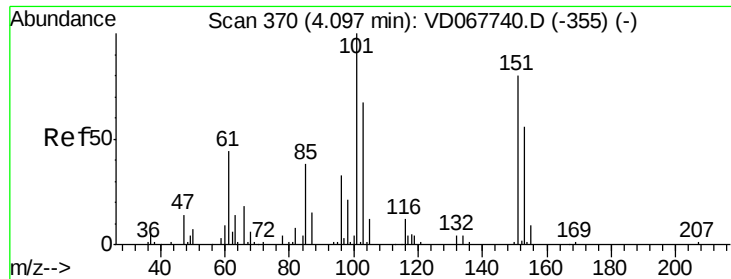


#8

Diethyl Ether
 Concen: 18.853 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.0	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.558 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067761.D

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MSVOA_D

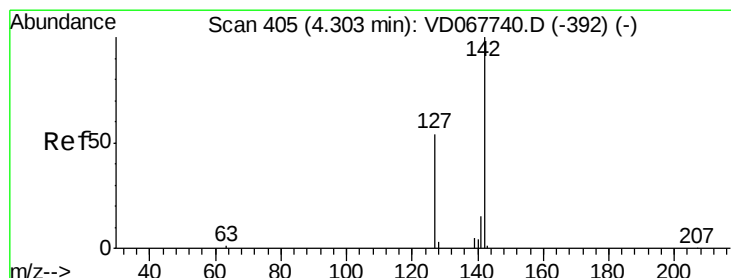
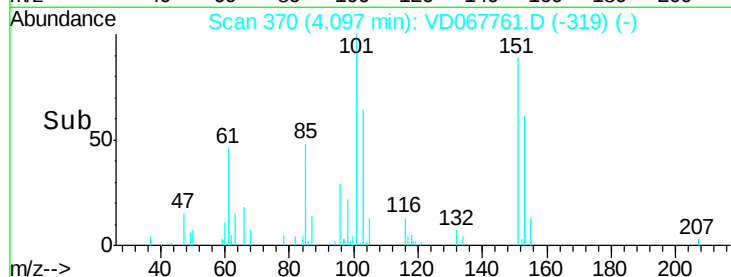
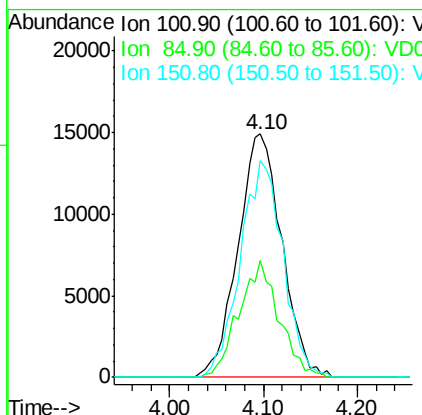
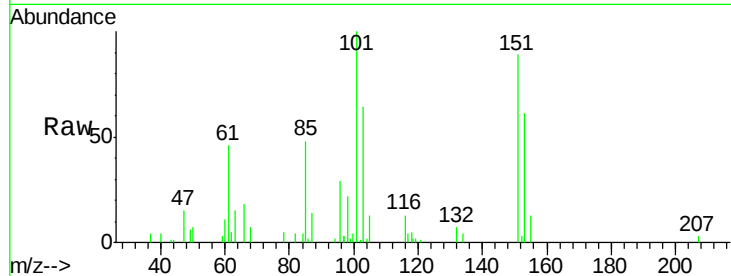
ClientSampleId :

VD1124SBS01

Tot Ion:	101	Resp:	48255
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.5	53.3
151	86.4	69.4	104.0

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#10

Methyl Iodide

Concen: 19.232 ug/l

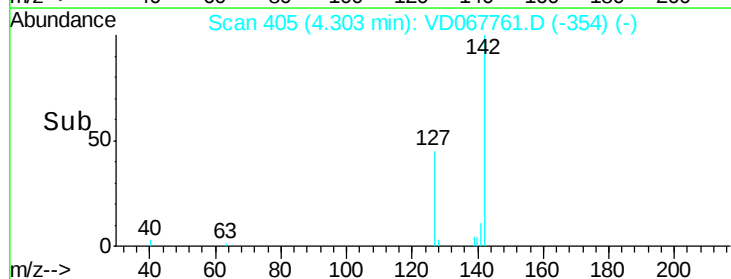
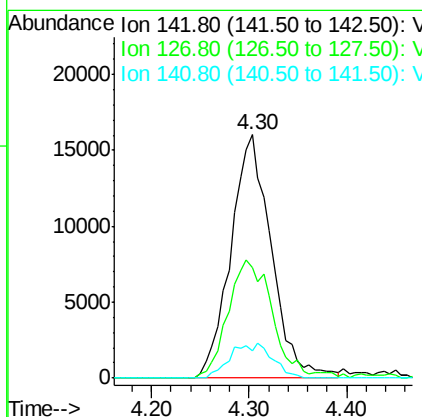
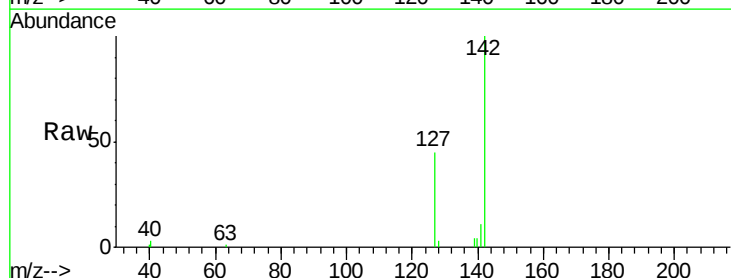
RT: 4.30 min Scan# 405

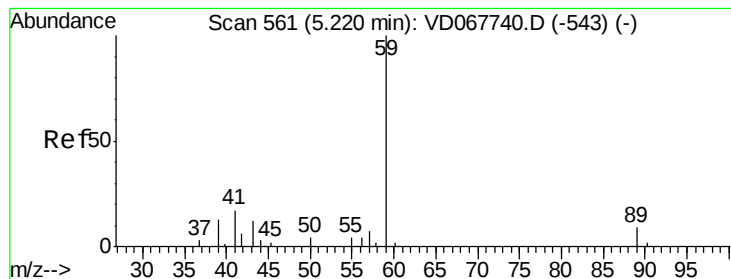
Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion:	142	Resp:	46205
Ion Ratio	Lower	Upper	
142	100		
127	52.2	42.2	63.2
141	8.3	11.8	17.6#





#11

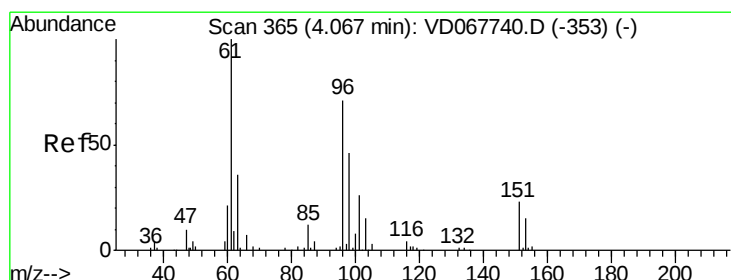
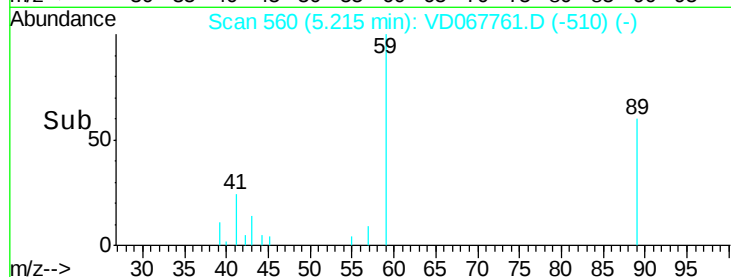
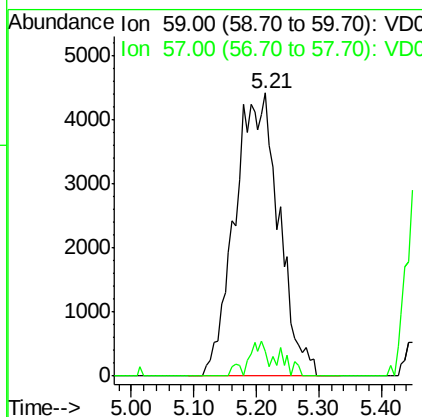
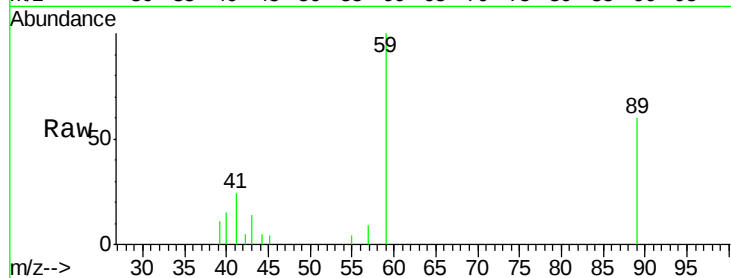
Tert butyl alcohol
 Concen: 141.429 ug/l m
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion: 59 Resp: 21577
 Ion Ratio Lower Upper
 59 100
 57 4.2 3.4 5.0

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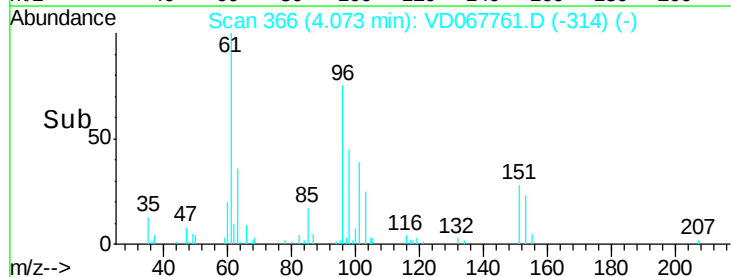
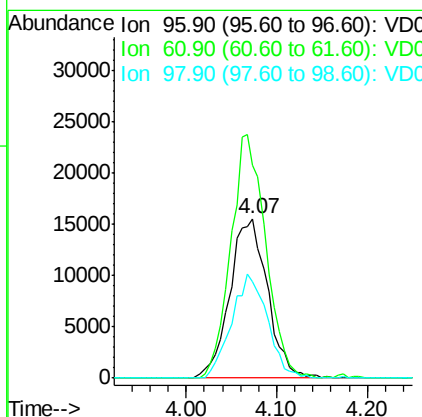
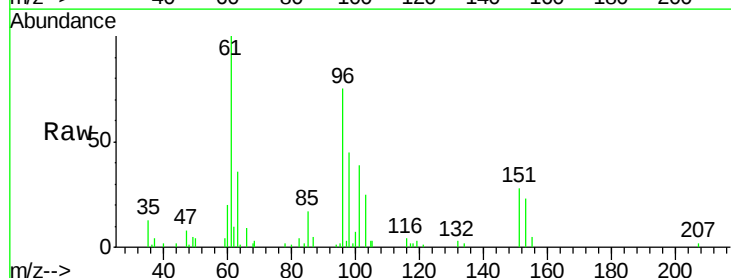
MMDadoda
 11/25/2020 2:01:53 PM

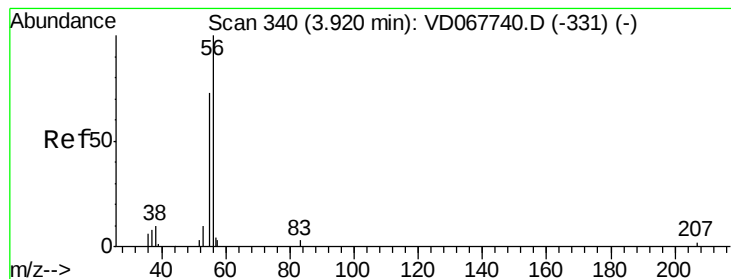


#12

1,1-Dichloroethene
 Concen: 20.673 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 96 Resp: 44900
 Ion Ratio Lower Upper
 96 100
 61 133.7 112.9 169.3
 98 60.7 52.4 78.6





#13

Acrolein

Concen: 93.270 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 56 Resp: 9946

Ion Ratio Lower Upper

56 100

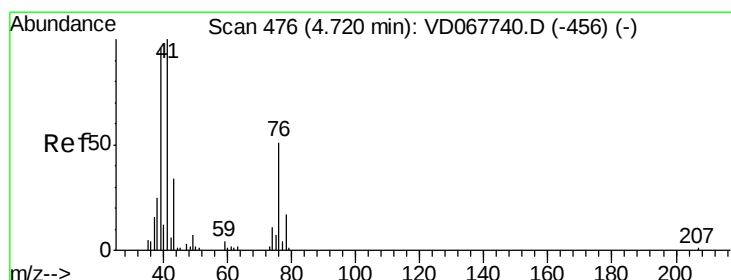
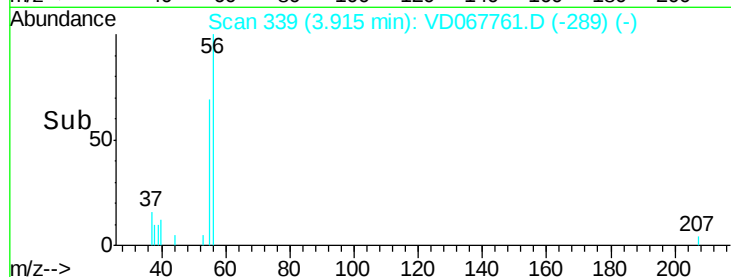
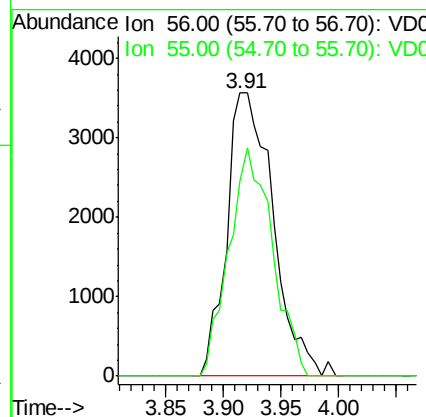
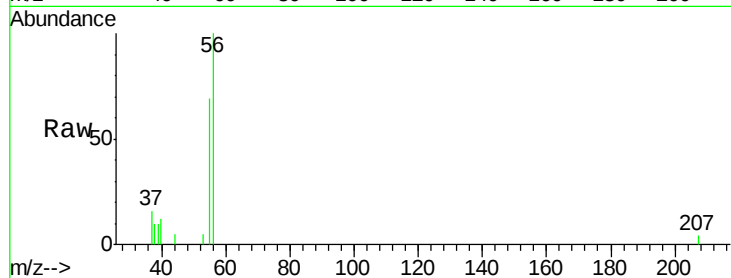
55 75.2 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.488 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

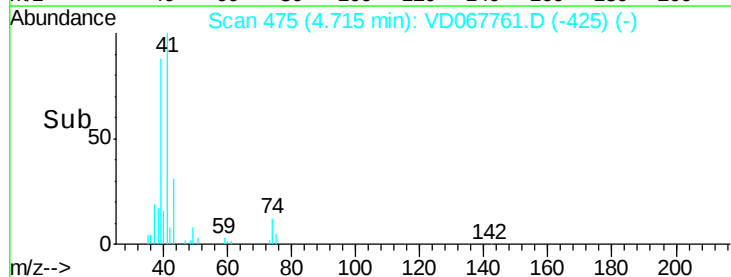
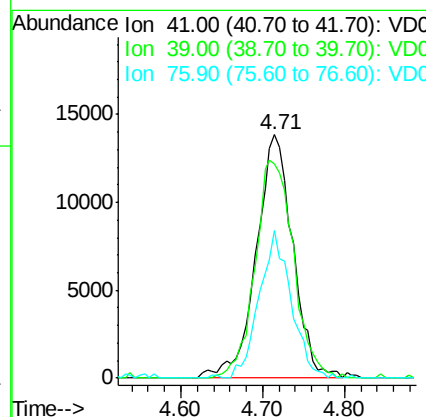
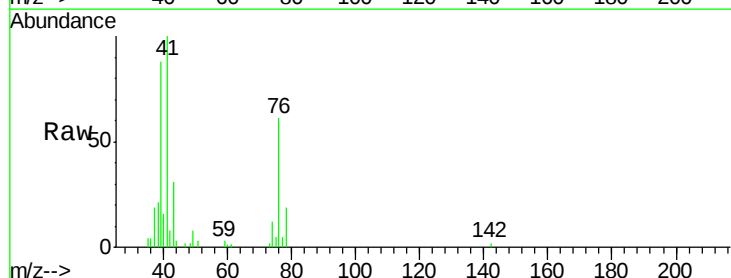
Tgt Ion: 41 Resp: 43015

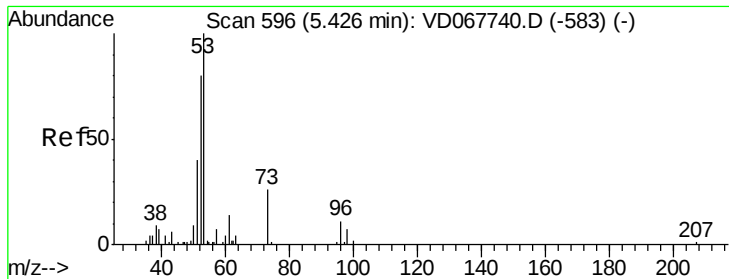
Ion Ratio Lower Upper

41 100

39 94.2 74.6 111.8

76 52.8 43.3 64.9





#15

Acrylonitrile

Concen: 90.823 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

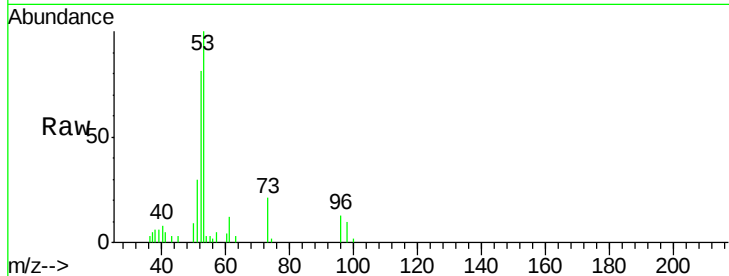
ClientSampleId :

VD1124SBS01

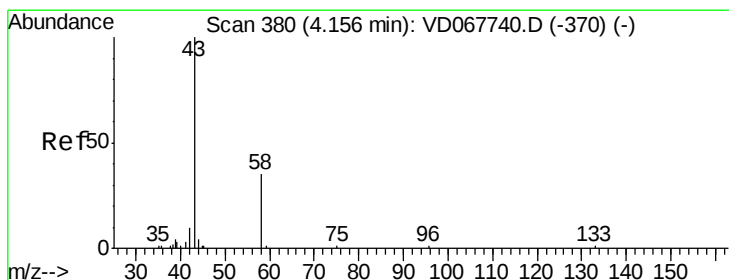
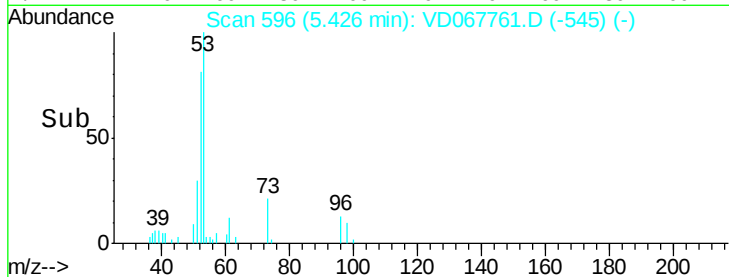
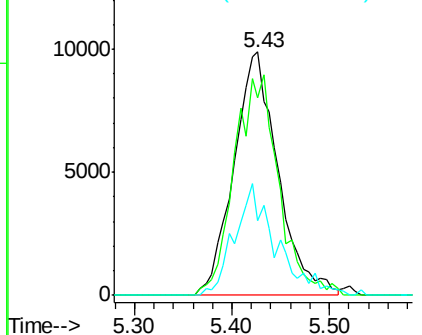
Tot Ion:	53	Resp:	31306
Ion	Ratio	Lower	Upper
53	100		
52	90.7	63.4	95.2
51	43.0	31.4	47.2

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 90.959 ug/l

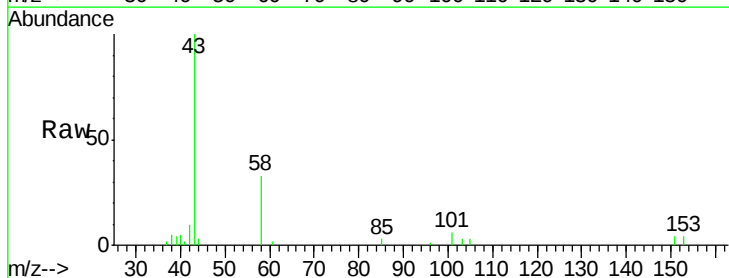
RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

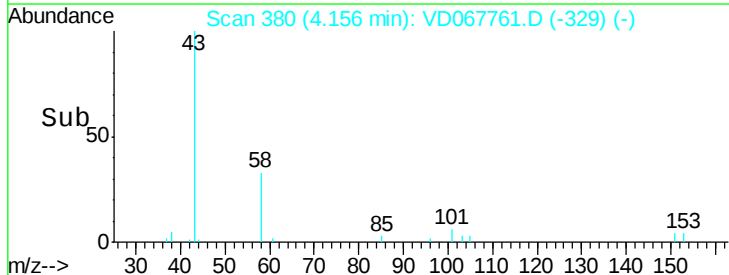
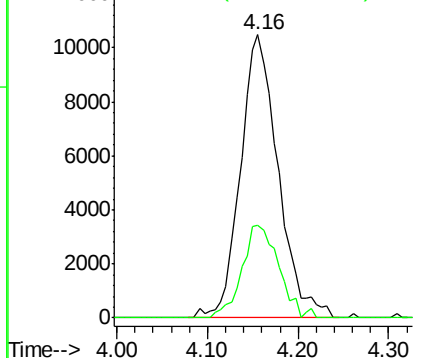
Lab File: VD067761.D

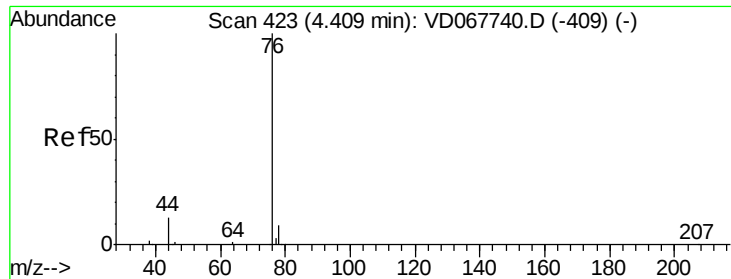
Acq: 24 Nov 2020 11:36

Tgt Ion:	43	Resp:	30231
Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.6	41.4



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





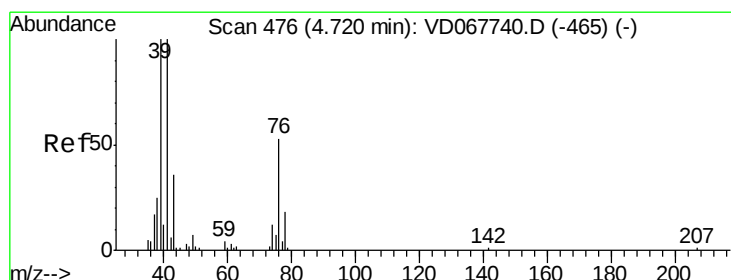
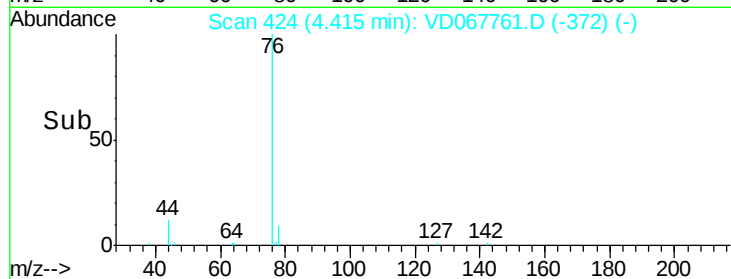
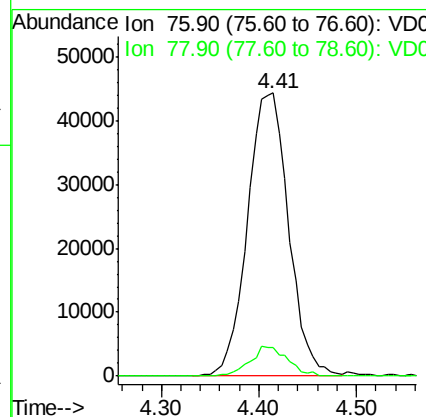
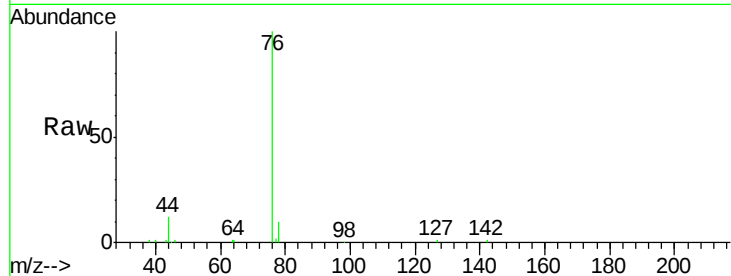
#17
Carbon Disulfide
Concen: 20.732 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.5	11.3

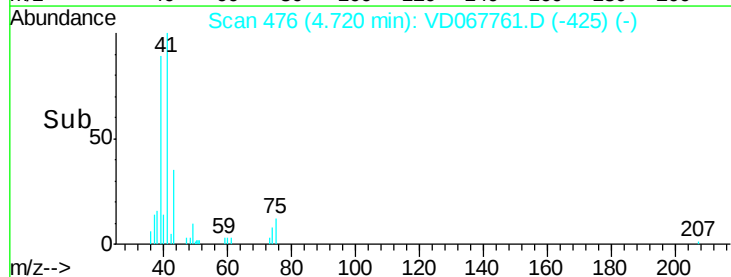
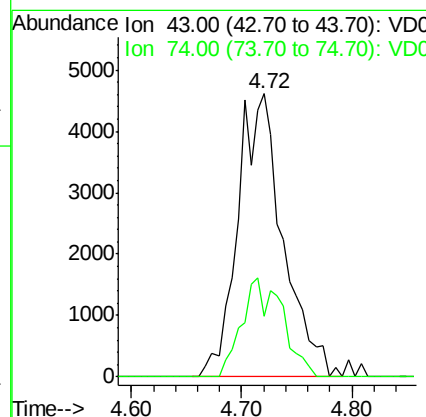
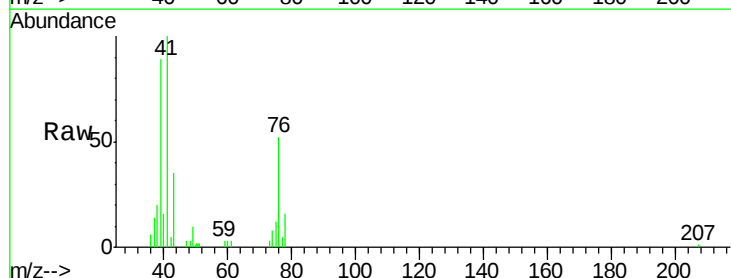
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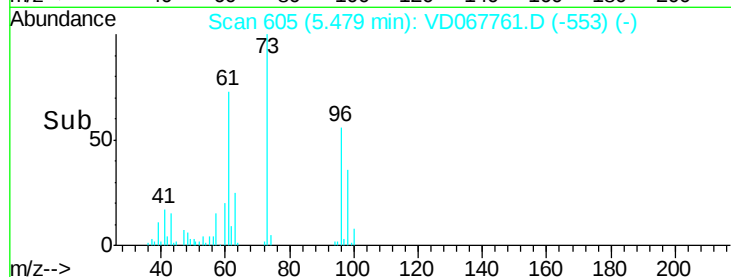
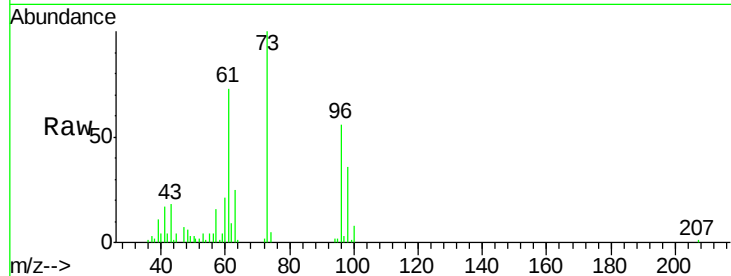
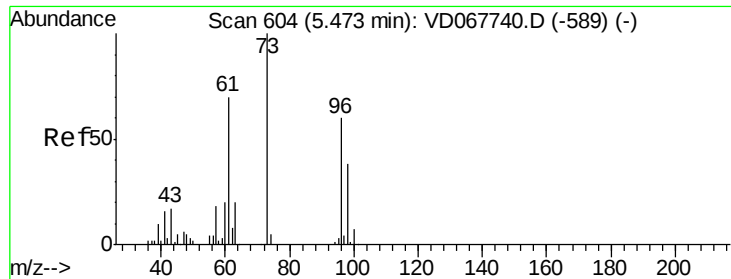
MMDadoda
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#18
Methyl Acetate
Concen: 19.808 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.4	29.7	44.5#





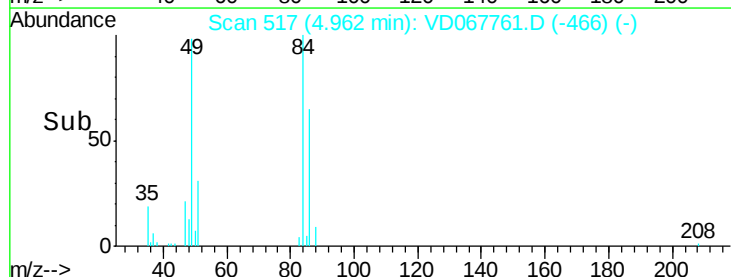
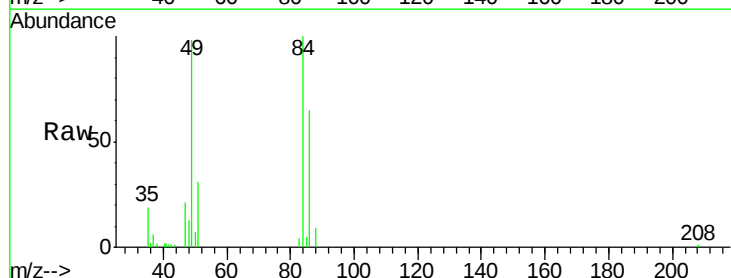
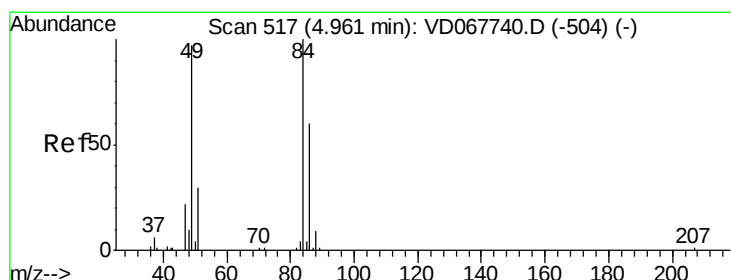
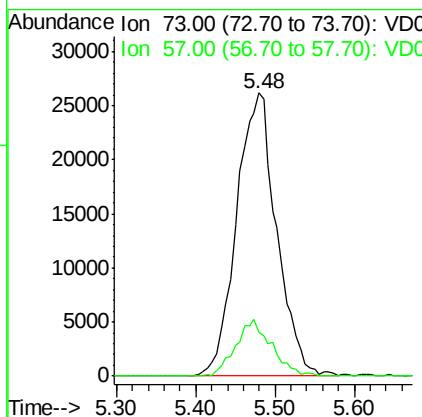
#19
Methyl tert-butyl Ether
Concen: 19.758 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tot Ion: 73 Resp: 91715
Ion Ratio Lower Upper
73 100
57 15.7 14.8 22.2

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

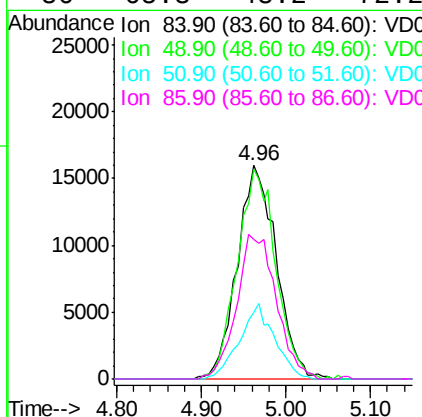
Manual Integrations
APPROVED

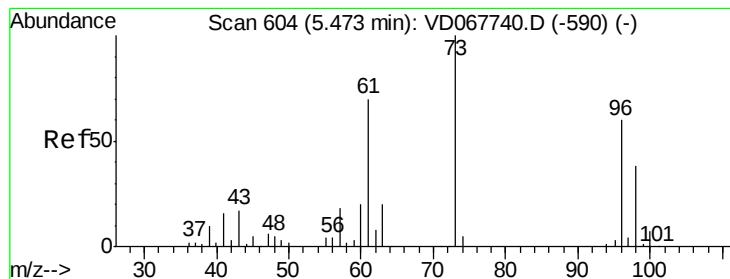
MMDadoda
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#20
Methylene Chloride
Concen: 15.414 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 84 Resp: 51371
Ion Ratio Lower Upper
84 100
49 98.1 77.4 116.2
51 30.9 24.1 36.1
86 65.3 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.368 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

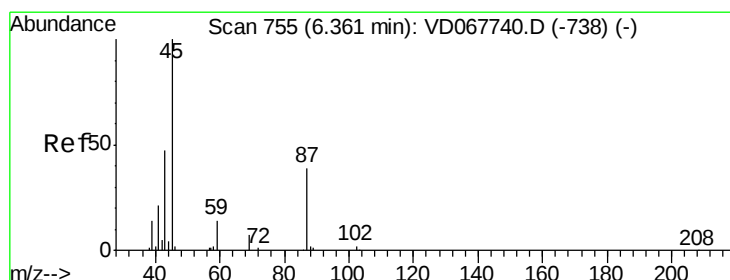
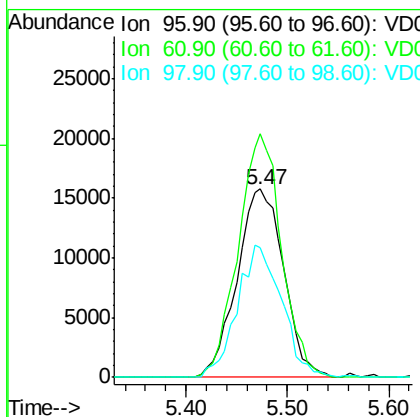
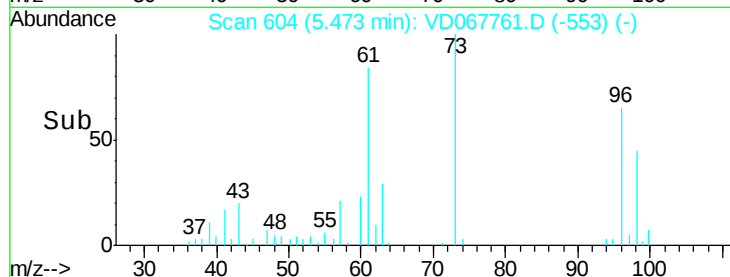
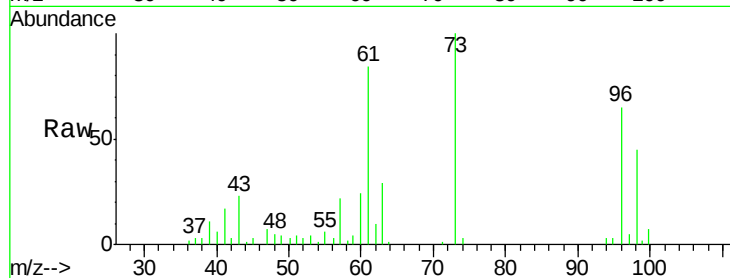
ClientSampleId :

VD1124SBS01

Tot Ion:	96	Resp:	50294
Ion	Ratio	Lower	Upper
96	100		
61	129.2	94.0	141.0
98	68.7	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.178 ug/l

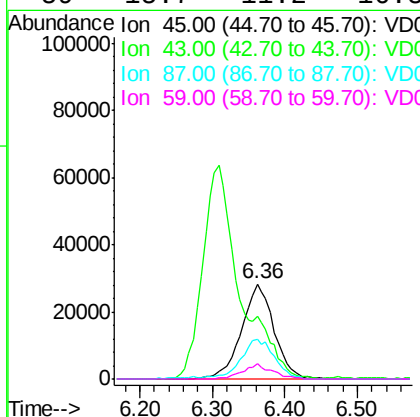
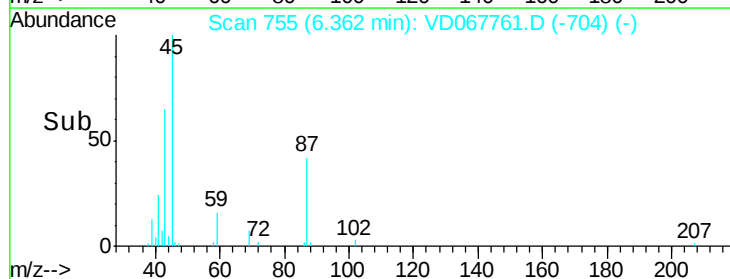
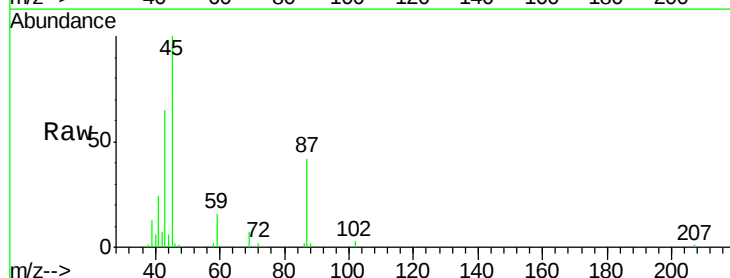
RT: 6.36 min Scan# 755

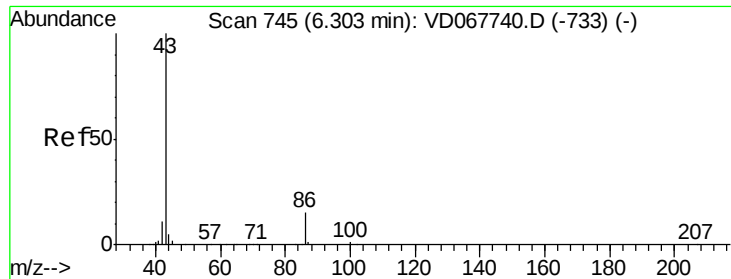
Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion:	45	Resp:	87770
Ion	Ratio	Lower	Upper
45	100		
43	63.2	46.8	70.2
87	41.8	32.9	49.3
59	15.7	11.2	16.8





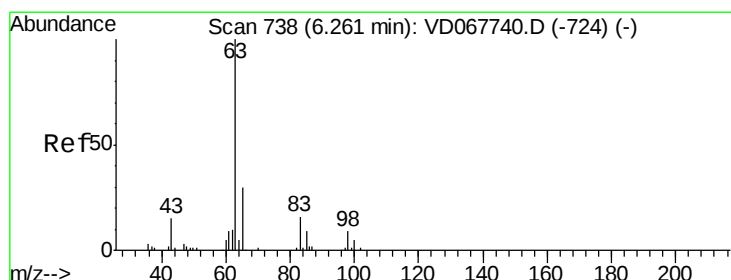
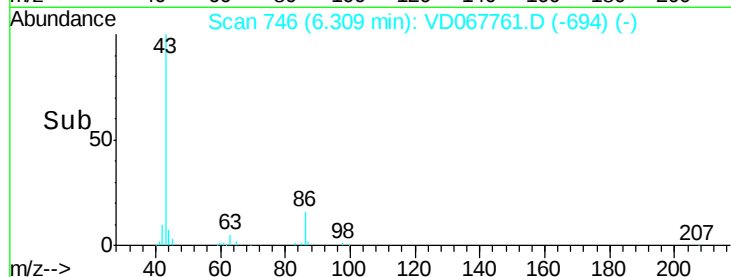
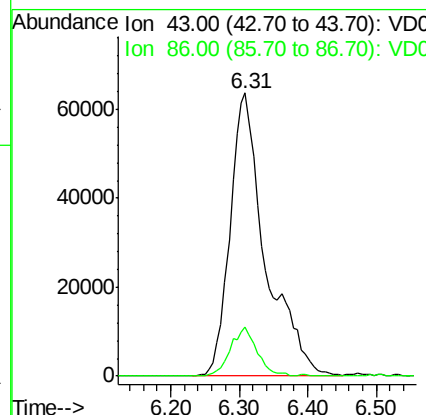
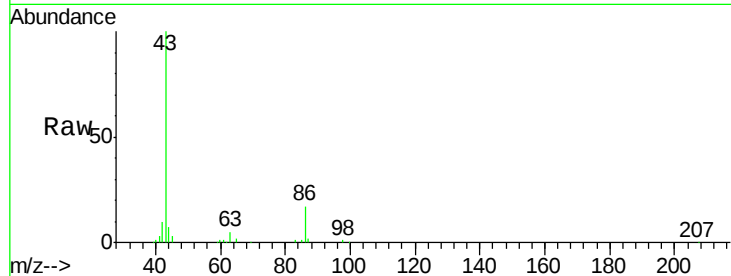
#23
 Vinyl Acetate
 Concen: 97.408 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	17.1	11.7	17.5

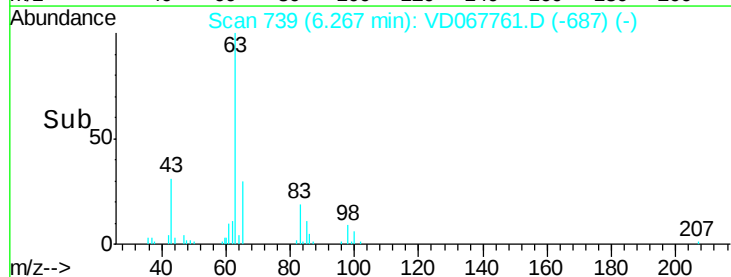
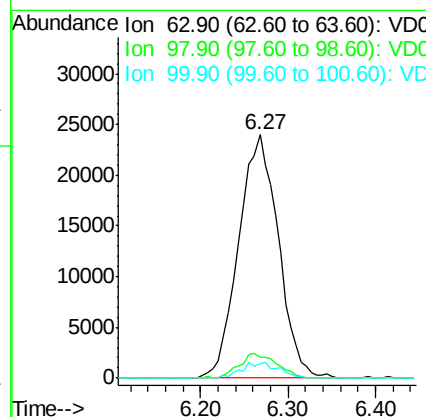
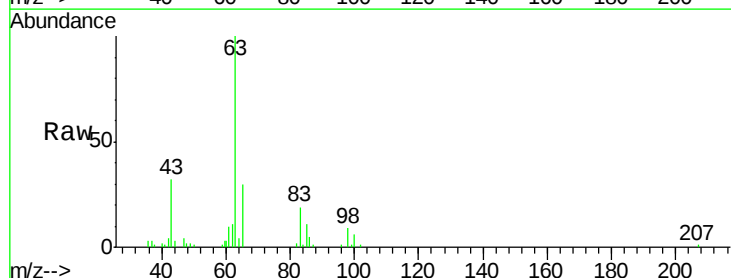
Manual Integrations
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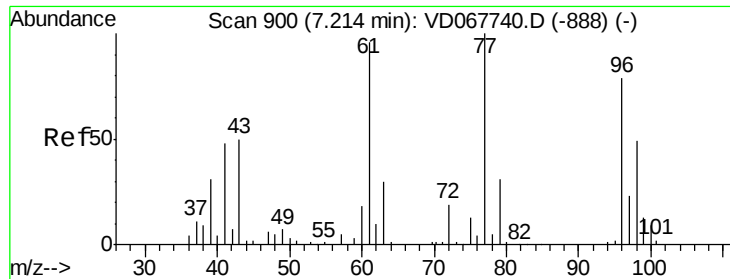
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 11/25/2020 2:01:53 PM



#24
 1,1-Dichloroethane
 Concen: 21.049 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.6	4.4	13.2
100	6.0	2.6	8.0





#25

2-Butanone

Concen: 96.014 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 43 Resp: 35809

Ion Ratio Lower Upper

43 100

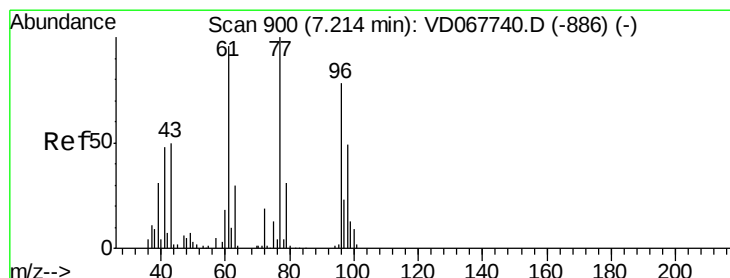
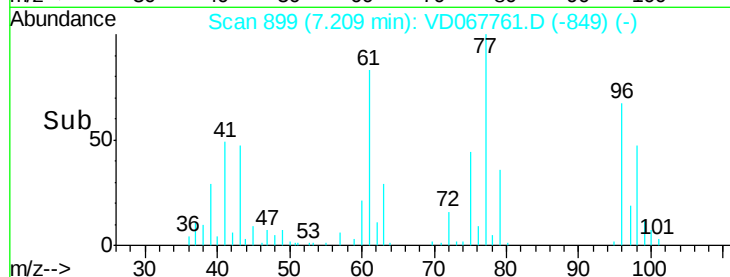
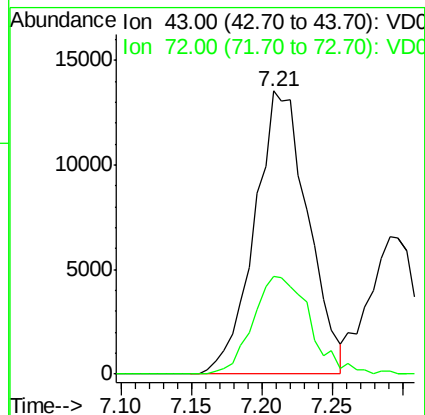
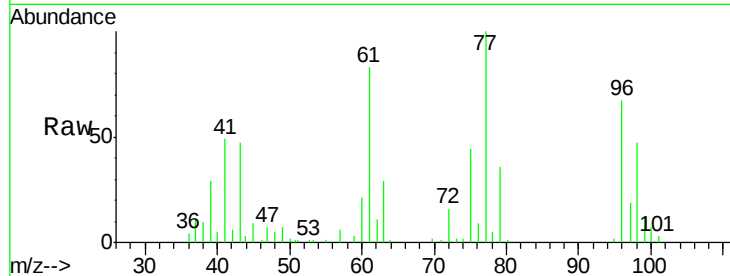
72 34.7 30.8 46.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.797 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067761.D

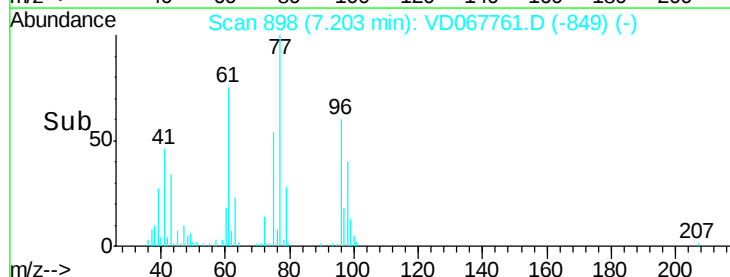
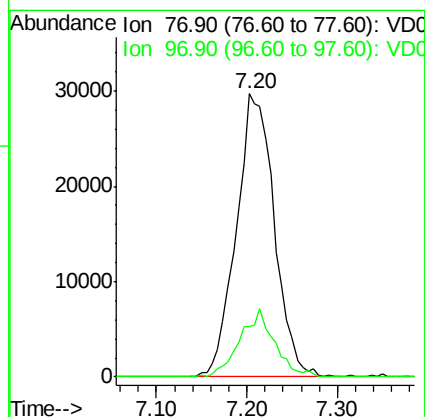
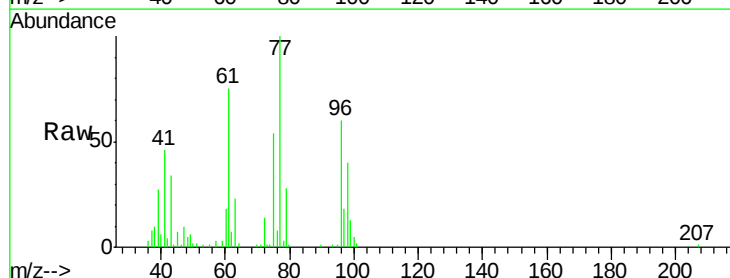
Acq: 24 Nov 2020 11:36

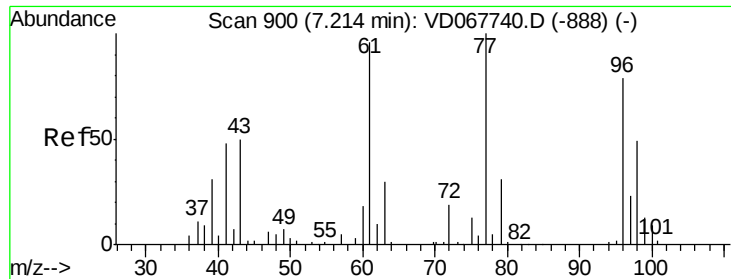
Tgt Ion: 77 Resp: 86206

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.3





#27

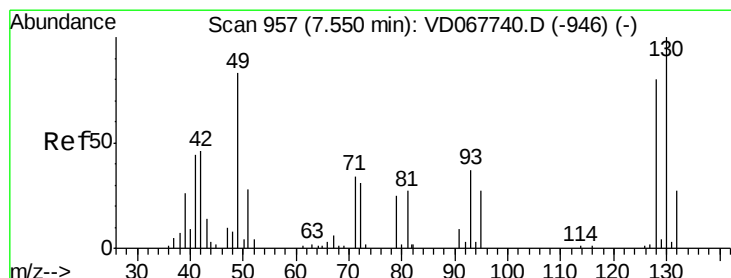
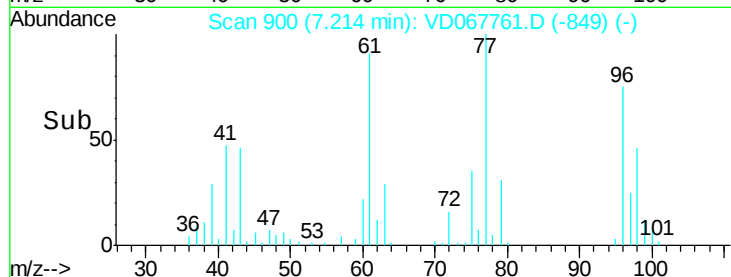
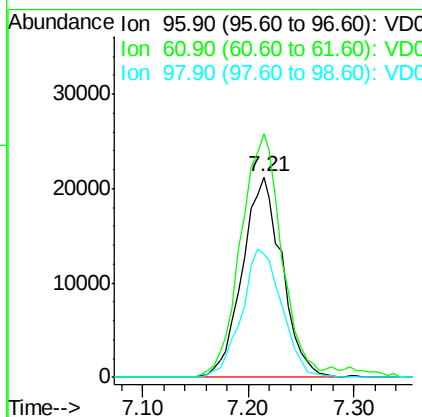
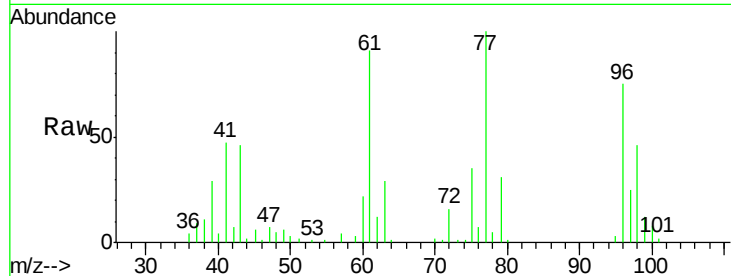
cis-1,2-Dichloroethene
Concen: 21.033 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	258.0
98	64.6	0.0	131.8

Manual Integrations
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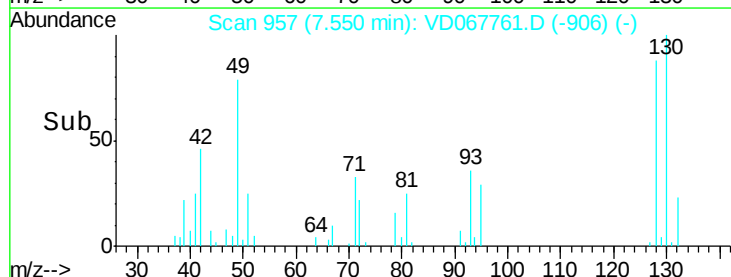
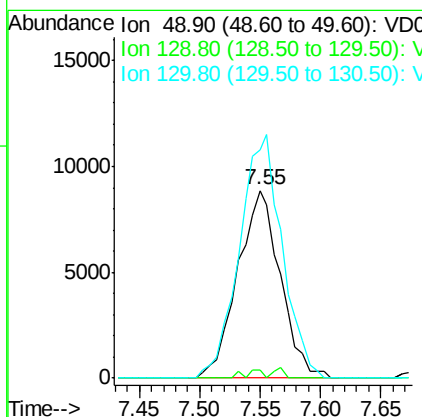
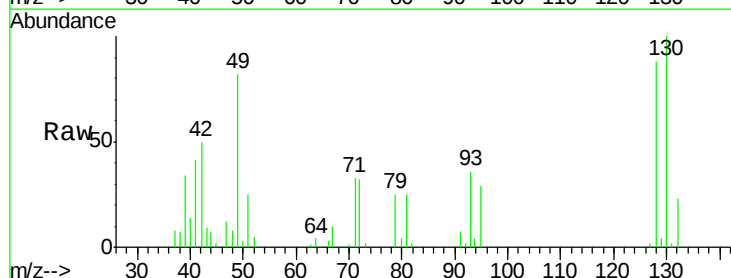
MMDadoda
11/25/2020 2:01:53 PM

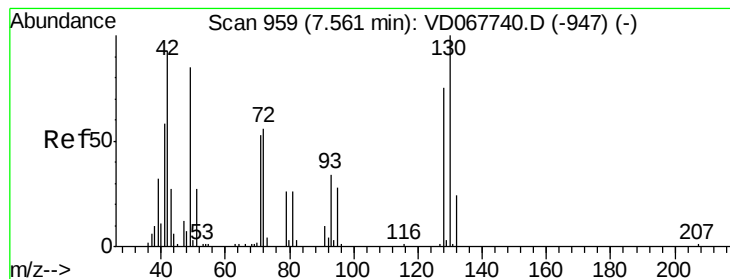


#28

Bromochloromethane
Concen: 19.352 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	7.0
130	130.2	102.2	153.4





#29

Tetrahydrofuran

Concen: 97.619 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

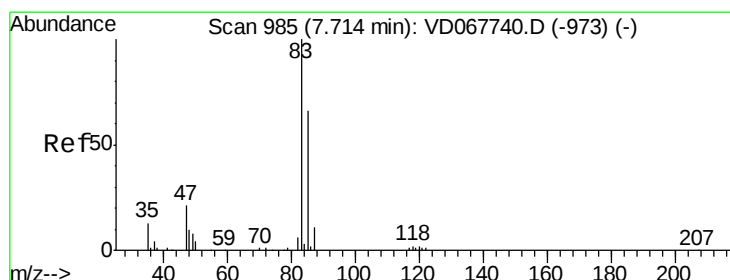
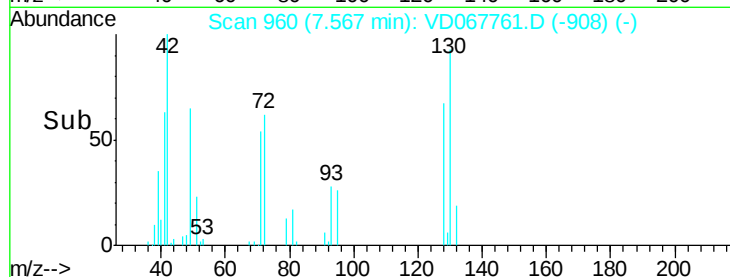
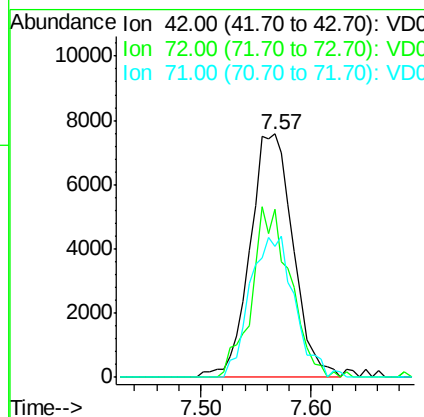
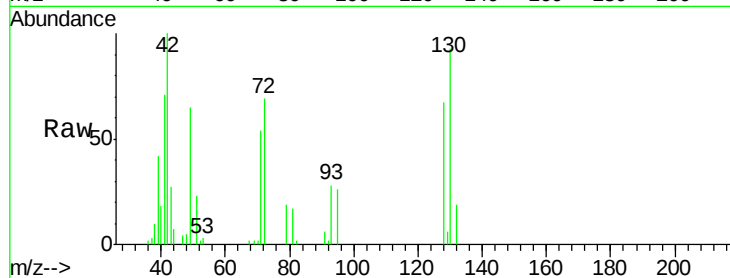
ClientSampleId :

VD1124SBS01

Tot Ion:	42	Resp:	20700
Ion	Ratio	Lower	Upper
42	100		
72	63.3	49.3	73.9
71	59.9	45.9	68.9

Manual Integrations
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#30

Chloroform

Concen: 20.243 ug/l

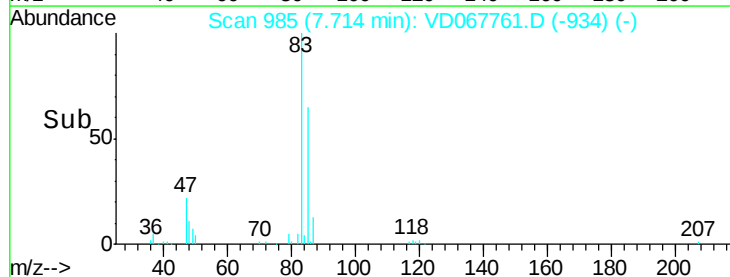
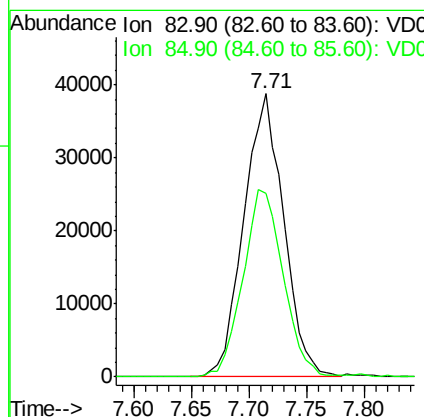
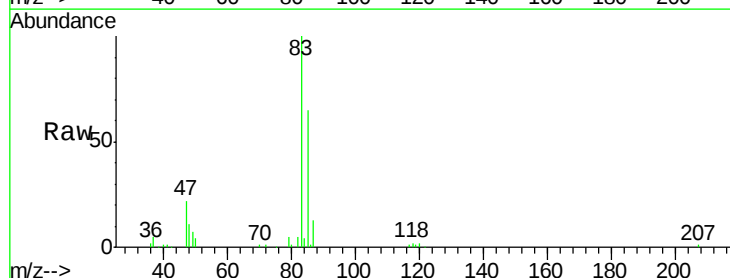
RT: 7.71 min Scan# 985

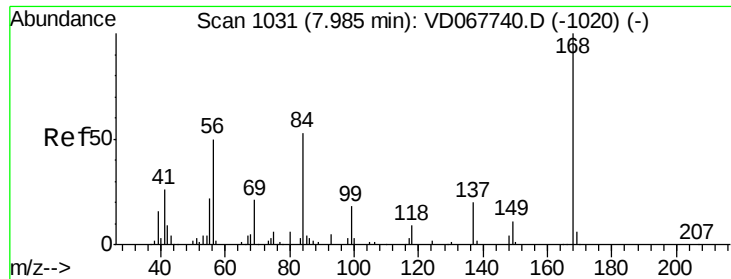
Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion:	83	Resp:	93012
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.1	79.7





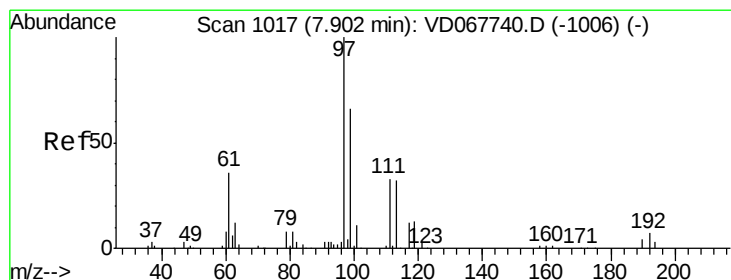
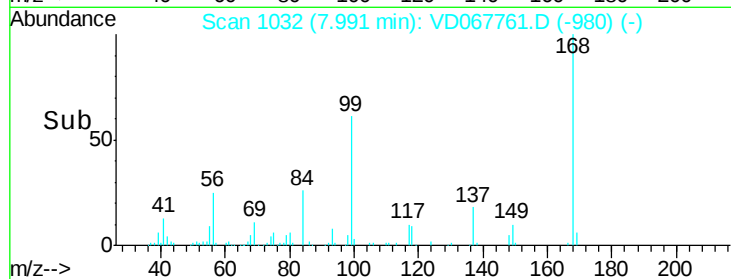
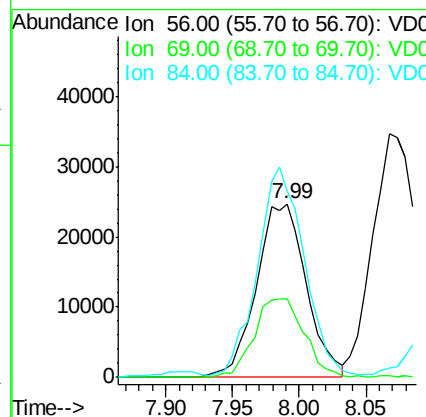
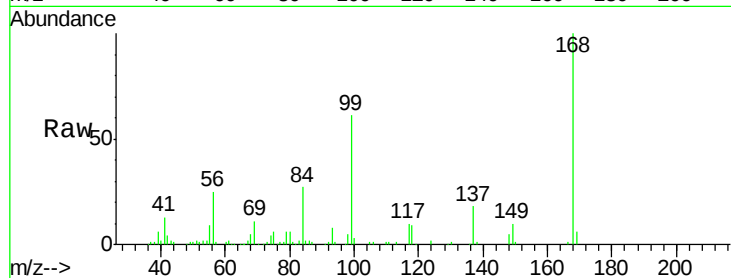
#31
Cyclohexane
Concen: 20.540 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.5	33.2	49.8
84	104.8	84.8	127.2

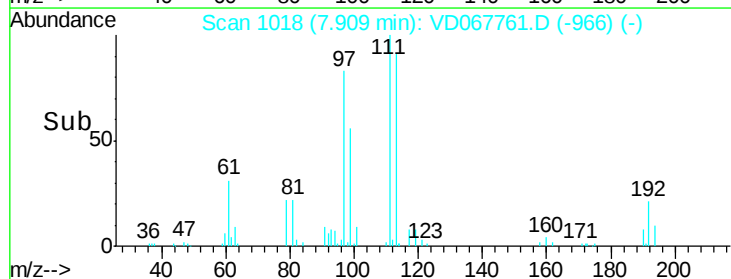
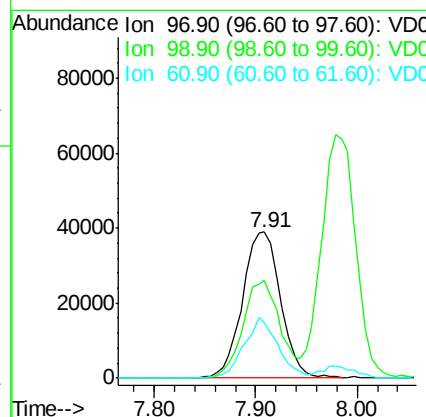
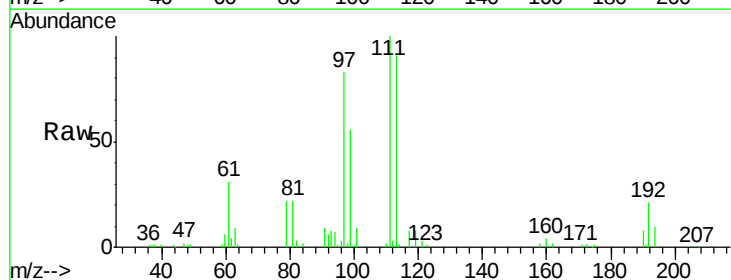
Manual Integrations
APPROVED

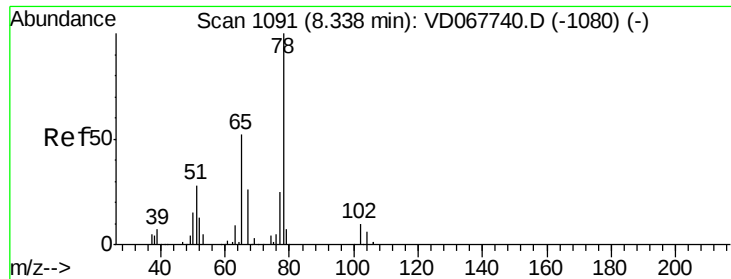
MMDadoda
11/25/2020 2:01:53 PM



#32
1,1,1-Trichloroethane
Concen: 20.851 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.1	76.7
61	36.8	29.4	44.2





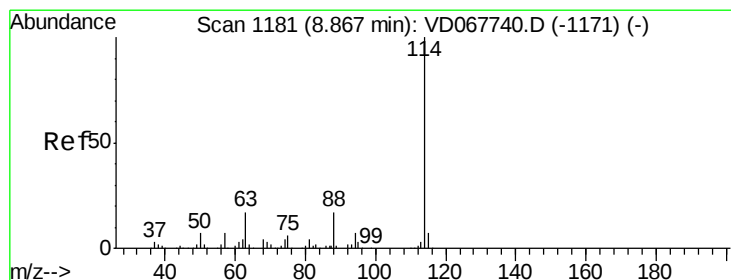
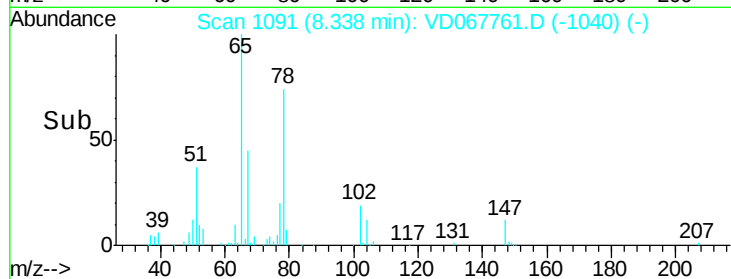
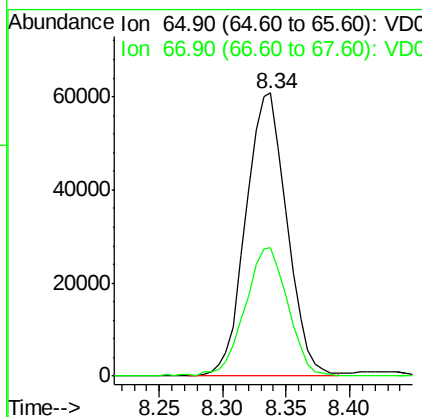
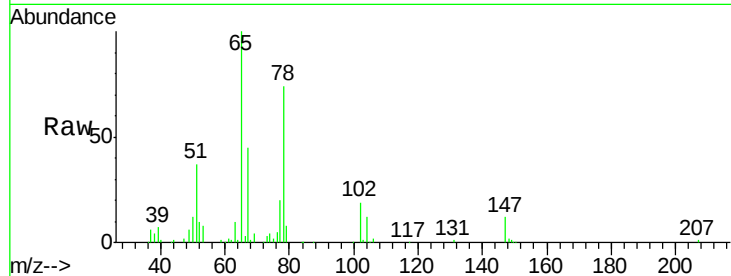
#33
 1,2-Dichloroethane-d4
 Concen: 53.429 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137456		
67	47.6	0.0	101.0	

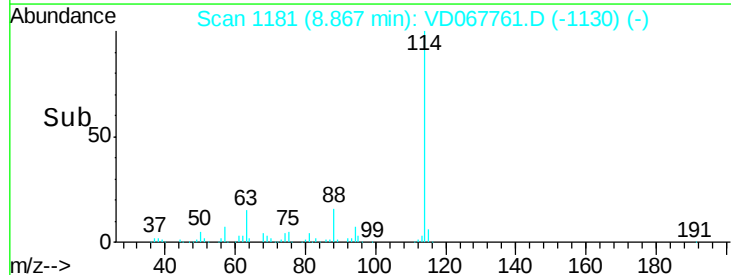
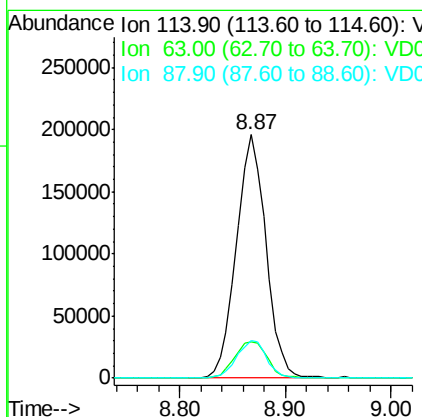
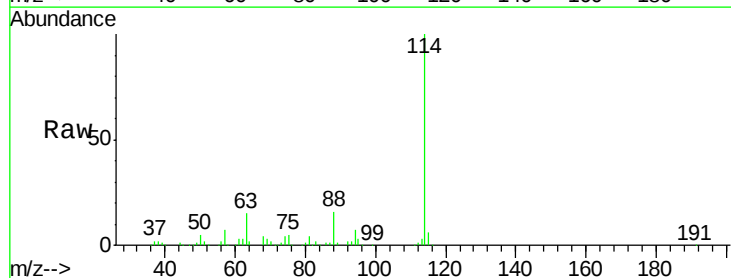
Manual Integrations
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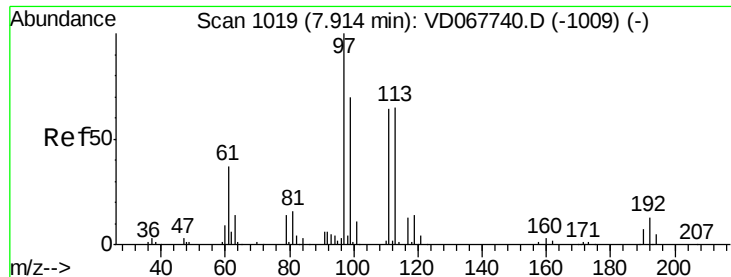
MMDadoda
 11/25/2020 2:01:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381182		
63	14.9	0.0	34.8	
88	15.6	0.0	34.4	





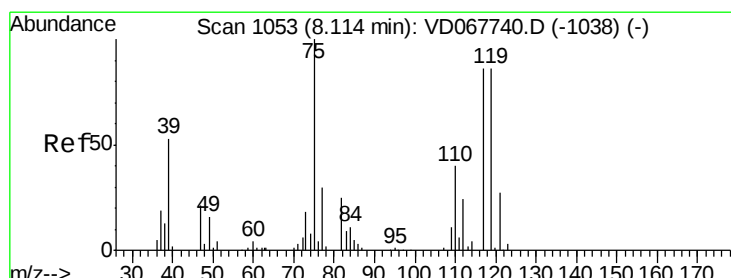
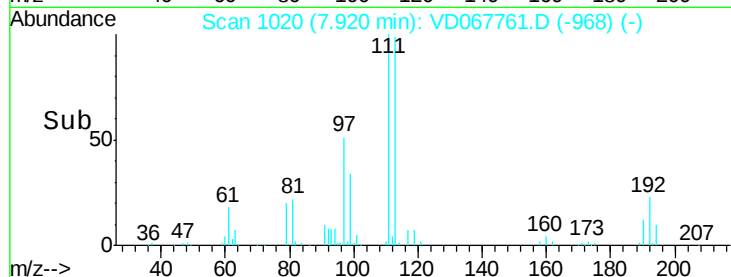
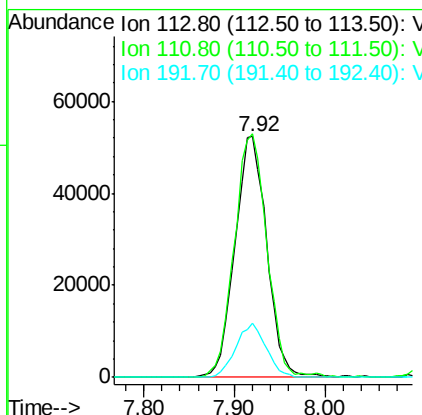
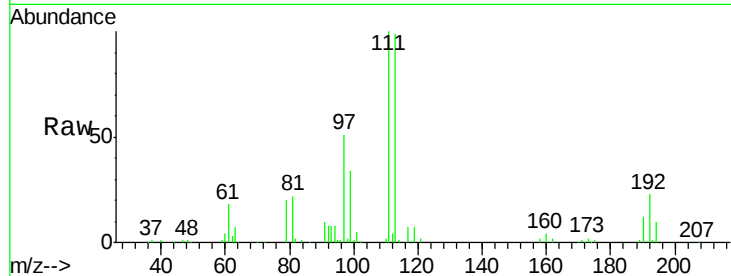
#35
 Dibromofluoromethane
 Concen: 52.783 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128044		
111	102.4	81.4	122.0	
192	21.4	17.0	25.4	

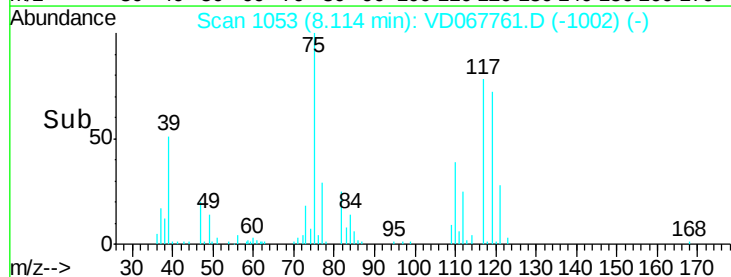
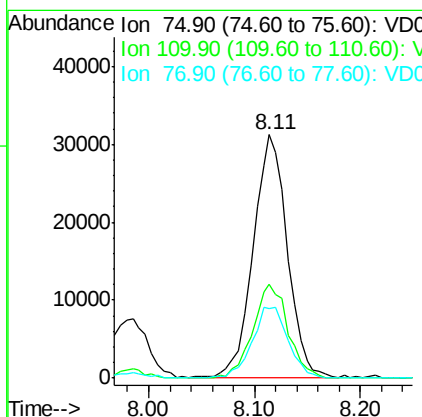
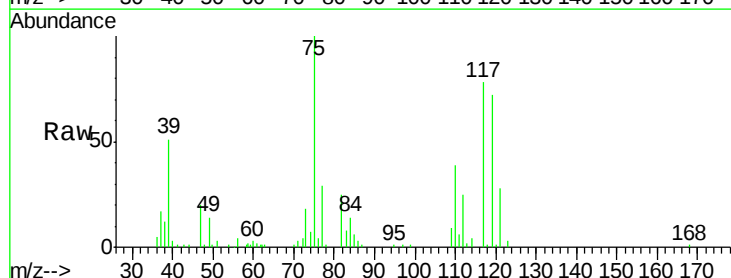
Manual Integrations
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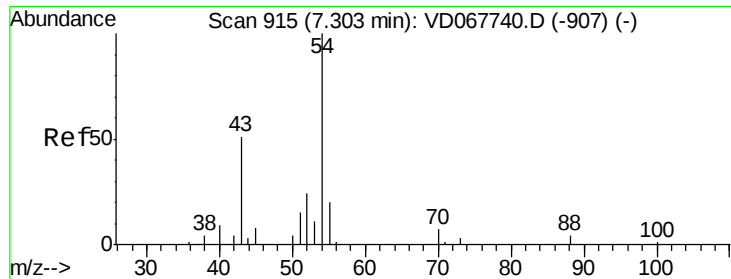
MMDadoda
 11/25/2020 2:01:53 PM



#36
 1,1-Dichloropropene
 Concen: 21.534 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70438		
110	39.4	20.1	60.2	
77	30.7	24.8	37.2	





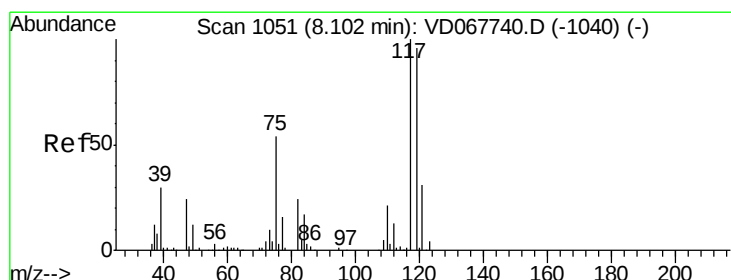
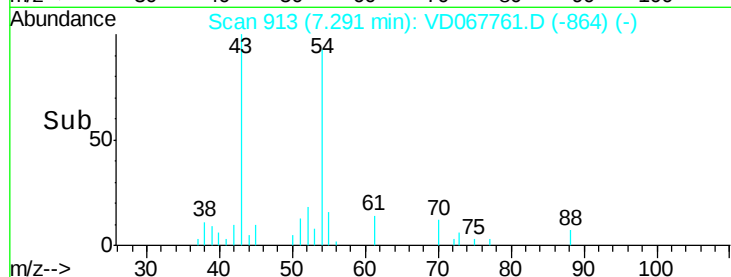
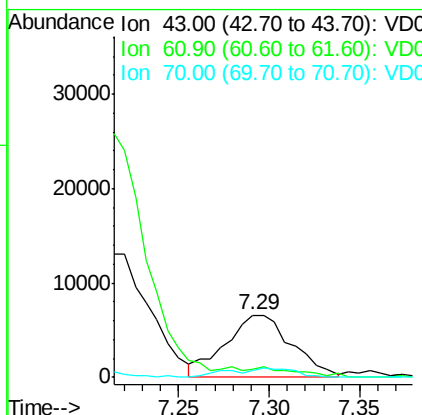
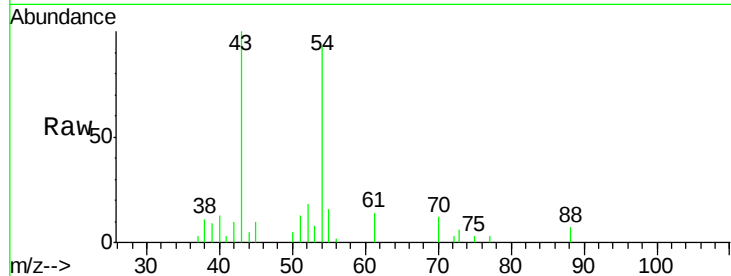
#37
Ethyl Acetate
Concen: 19.107 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.9	19.3#
70	15.0	12.2	18.2

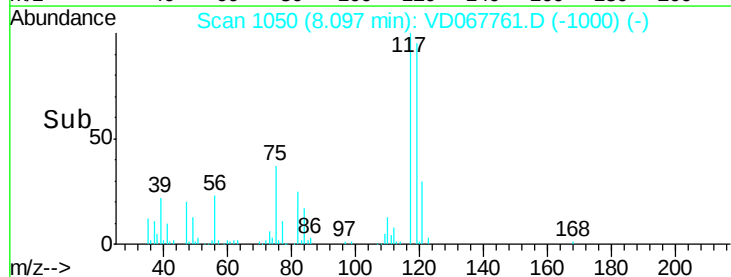
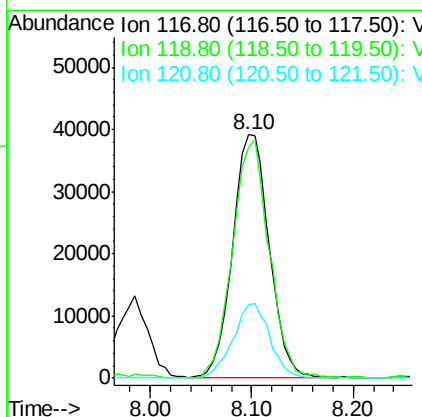
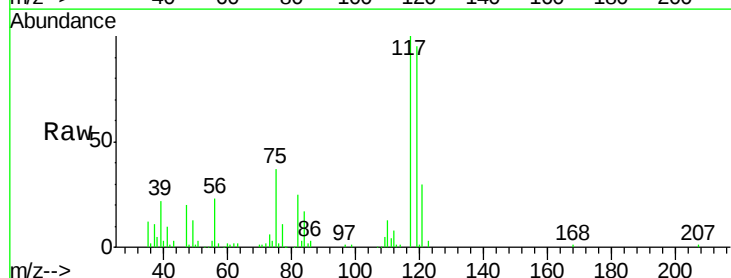
Manual Integrations
APPROVED

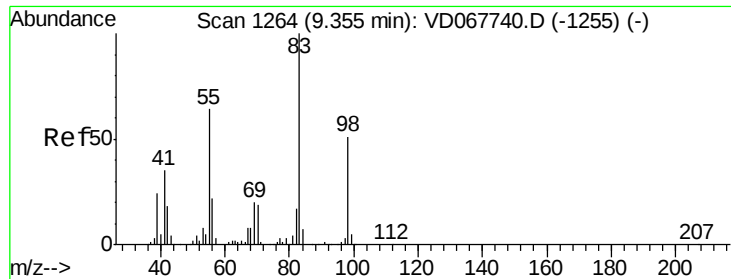
MMDadoda
11/25/2020 2:01:53 PM



#38
Carbon Tetrachloride
Concen: 20.763 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
121	29.9	24.5	36.7





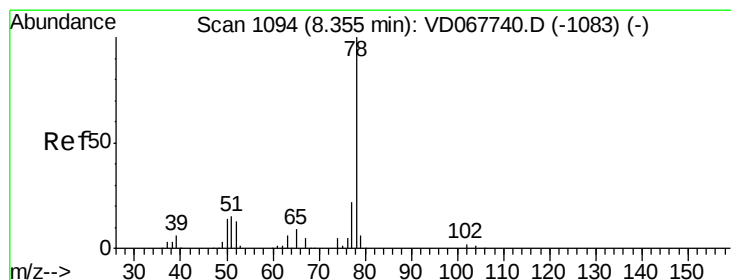
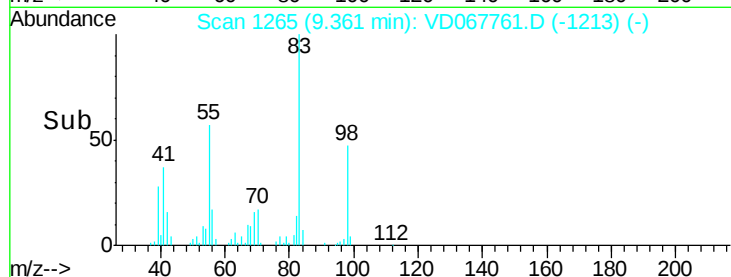
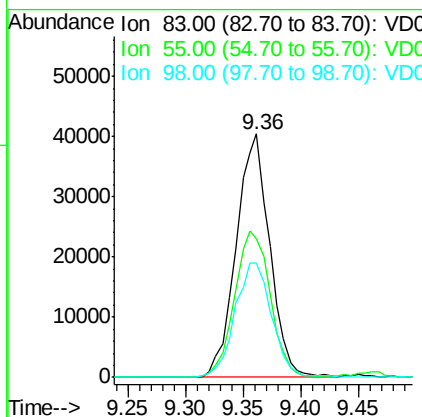
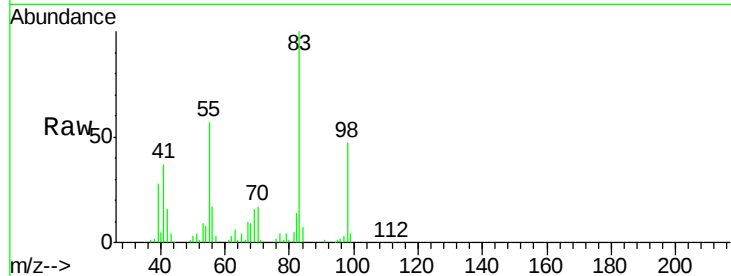
#39
Methvlcvclohexane
Concen: 21.010 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	57.1	51.0	76.4
98	47.1	40.4	60.6

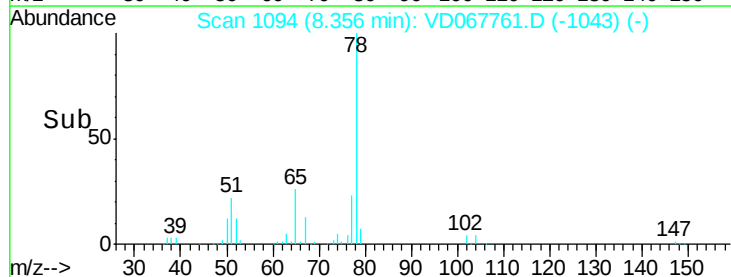
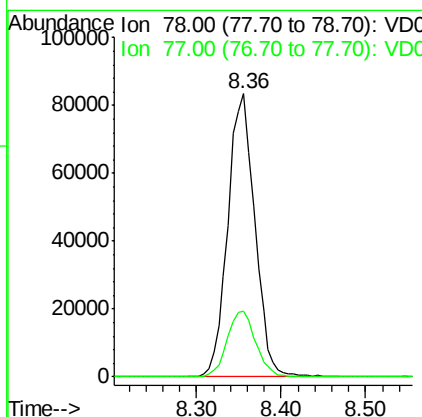
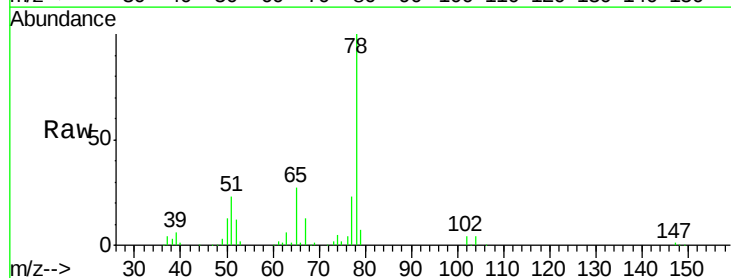
Manual Integrations
APPROVED

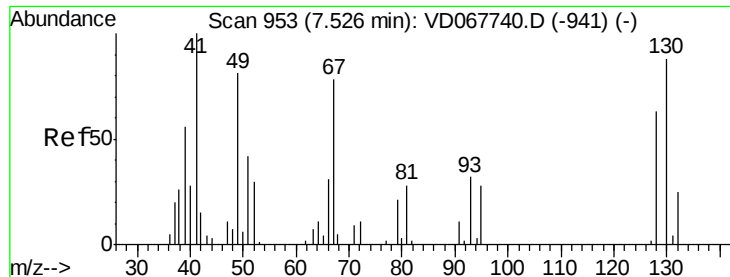
MMDadoda
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#40
Benzene
Concen: 20.515 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.8	26.6





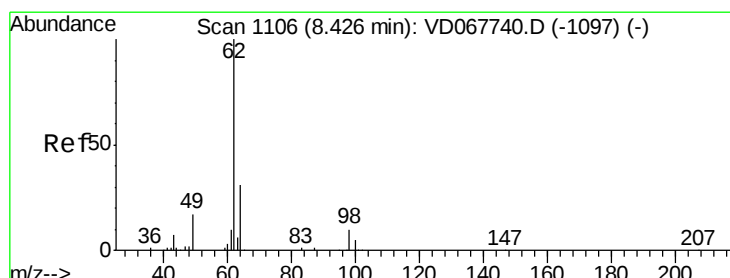
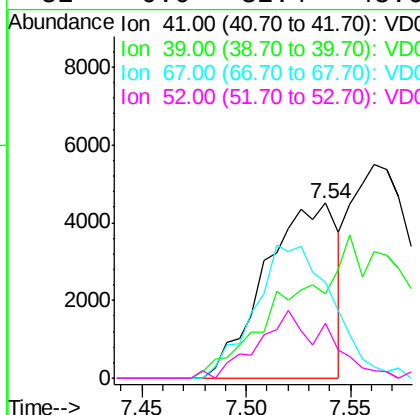
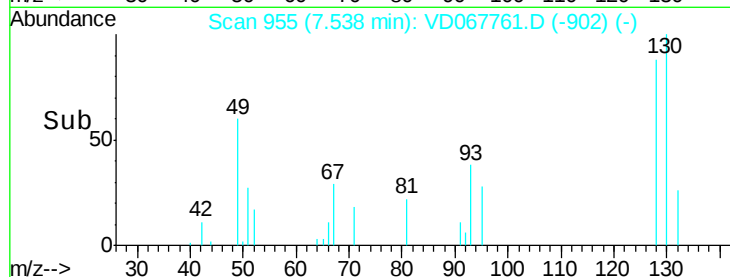
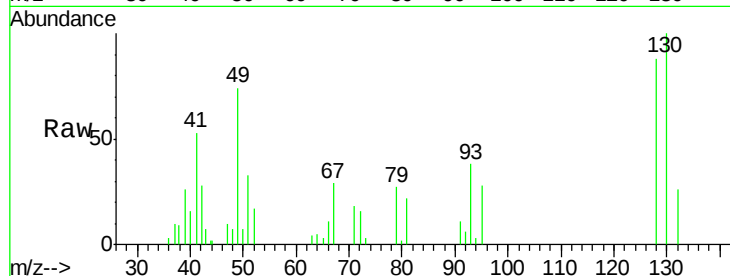
#41
Methacrylonitrile
Concen: 24.051 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.4	50.2	75.4#
67	0.0	79.0	118.6#
52	0.0	32.4	48.6#

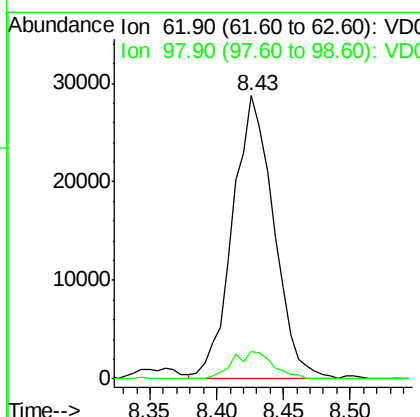
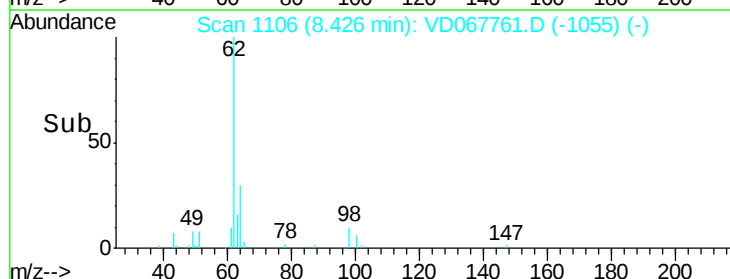
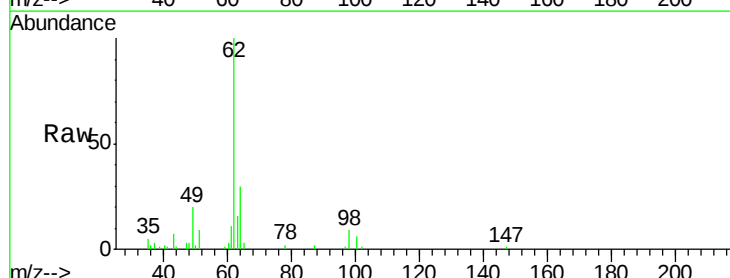
Manual Integrations
APPROVED

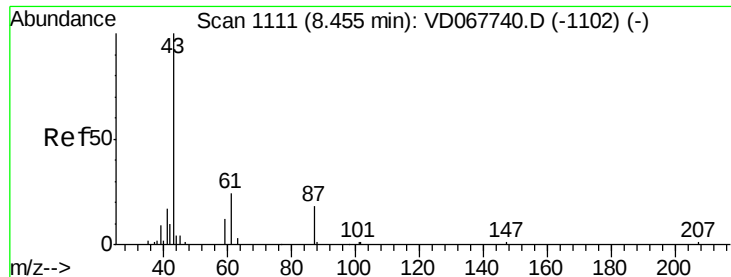
MMDadoda
11/25/2020 2:01:53 PM



#42
1,2-Dichloroethane
Concen: 20.224 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.297 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

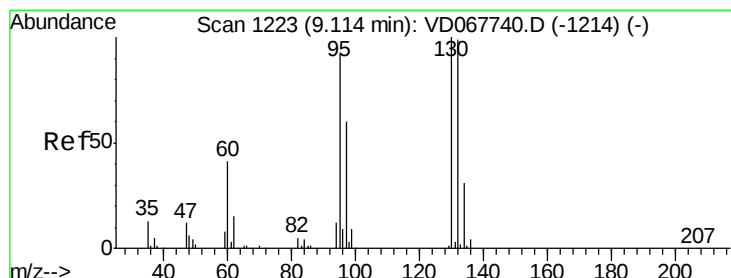
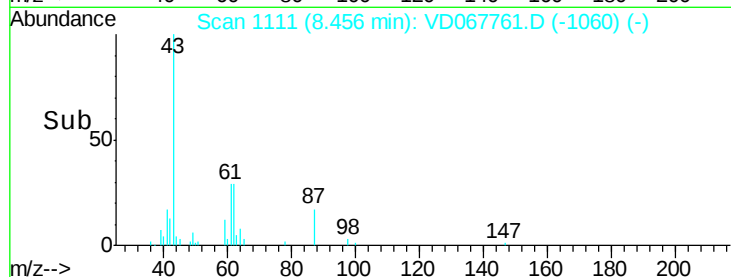
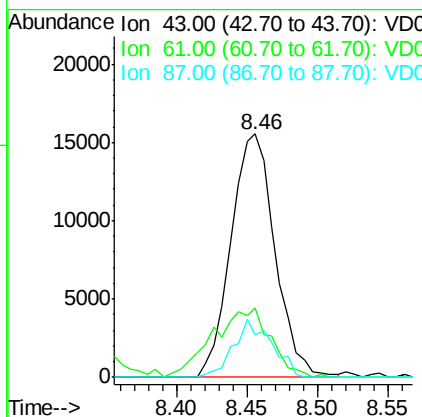
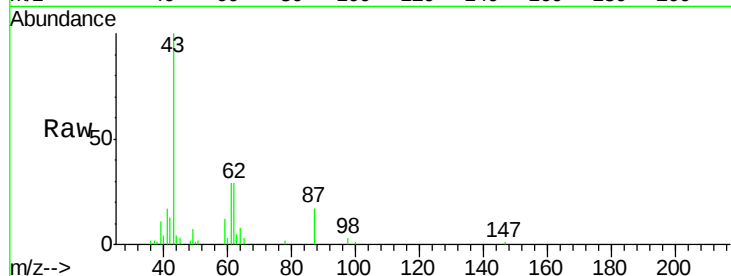
ClientSampleId :

VD1124SBS01

Tot Ion:	43	Resp:	33895
Ion	Ratio	Lower	Upper
43	100		
61	37.5	30.2	45.4
87	20.6	14.2	21.4

Manual Integrations
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#44

Trichloroethene

Concen: 20.744 ug/l

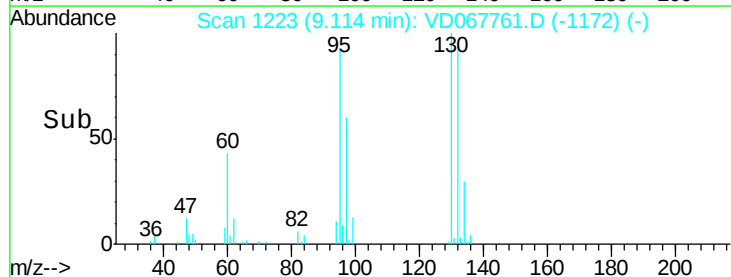
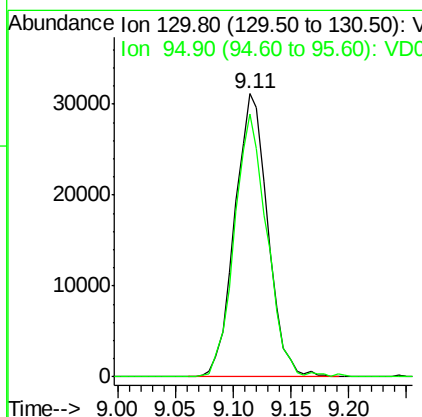
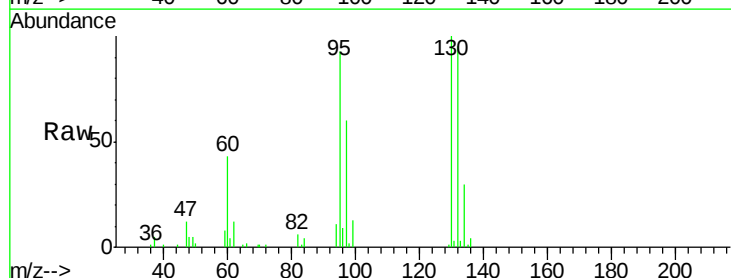
RT: 9.11 min Scan# 1223

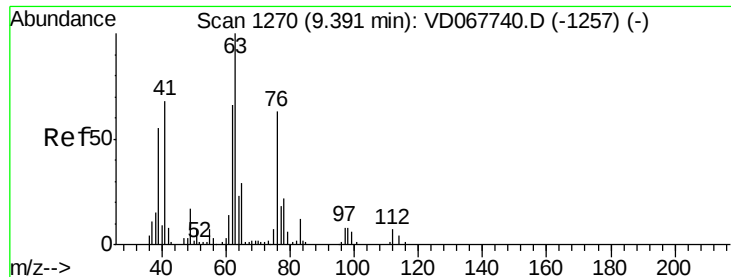
Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion:	130	Resp:	61765
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	184.2





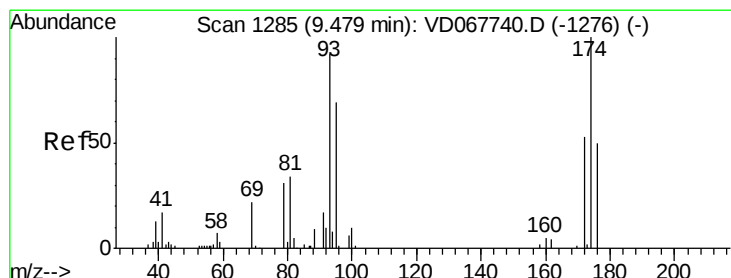
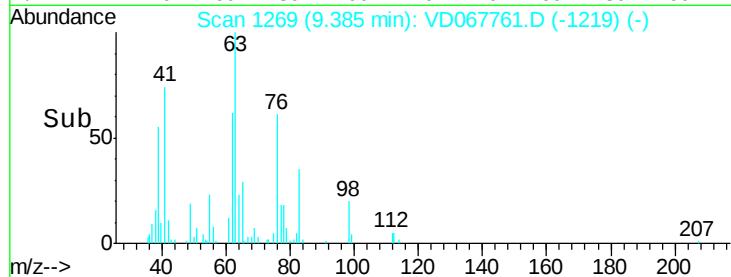
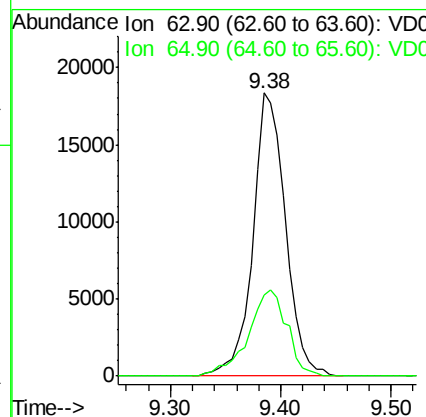
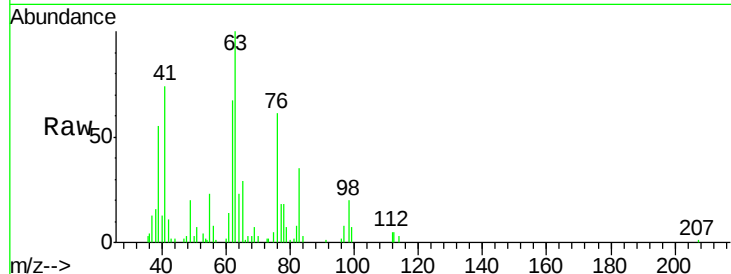
#45
 1,2-Dichloropropane
 Concen: 20.604 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion: 63 Resp: 37981
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.1 34.7

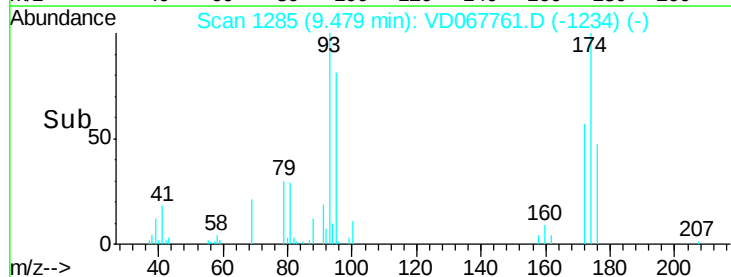
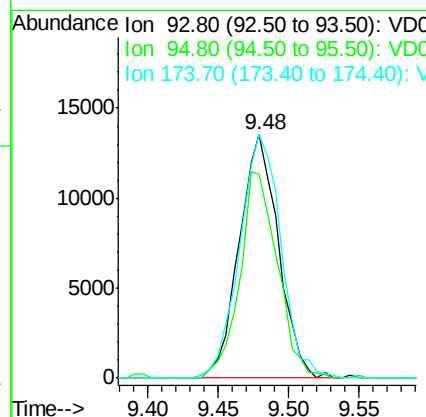
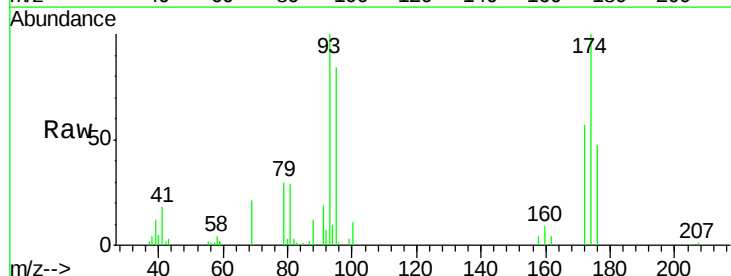
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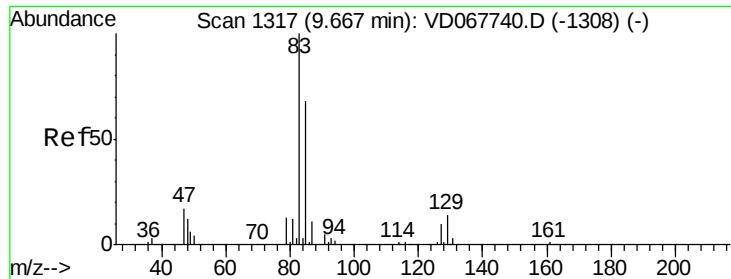
MMDadoda
 11/25/2020 2:01:53 PM



#46
 Dibromomethane
 Concen: 20.875 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 93 Resp: 26197
 Ion Ratio Lower Upper
 93 100
 95 81.8 63.4 95.2
 174 105.6 89.6 134.4





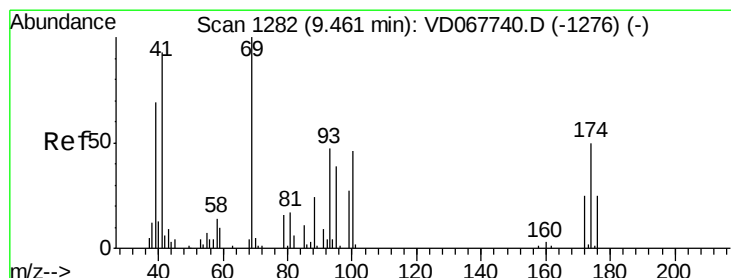
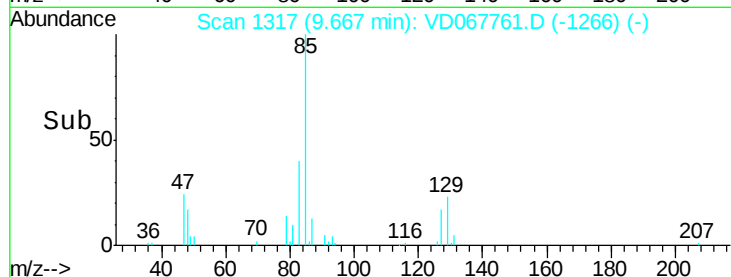
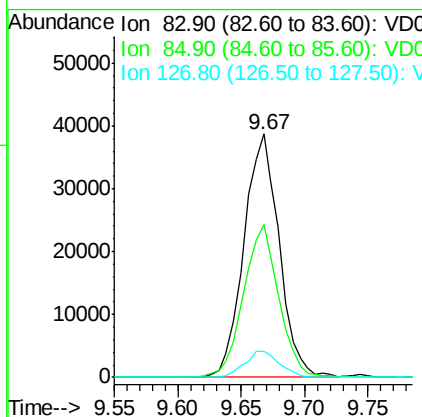
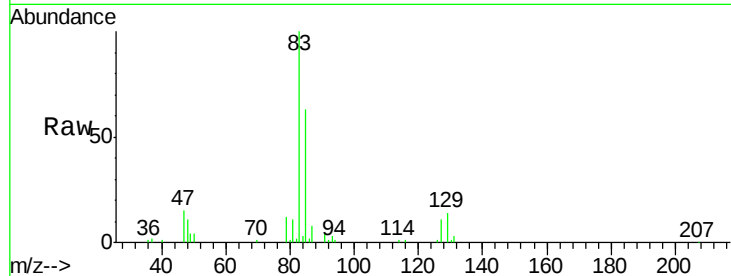
#47
Bromodichloromethane
Concen: 21.397 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	54.2	81.2
127	10.6	7.6	11.4

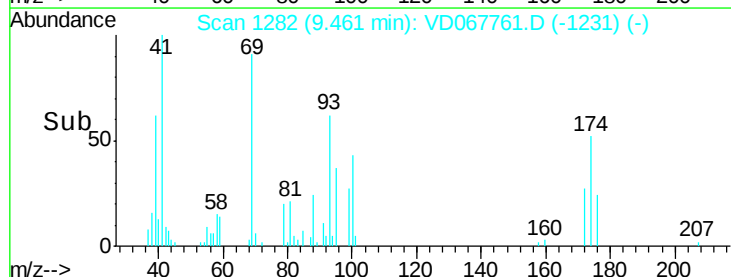
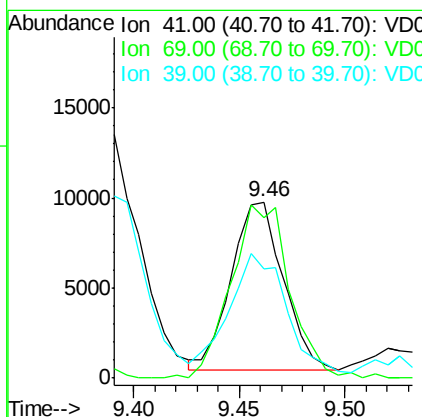
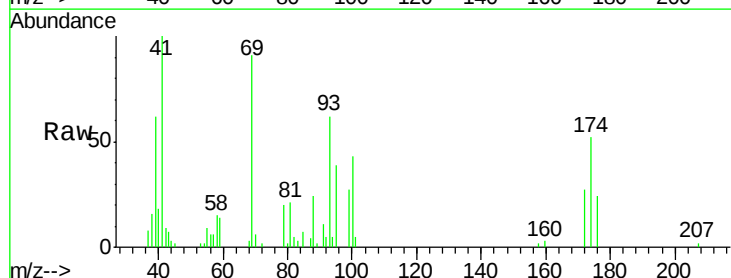
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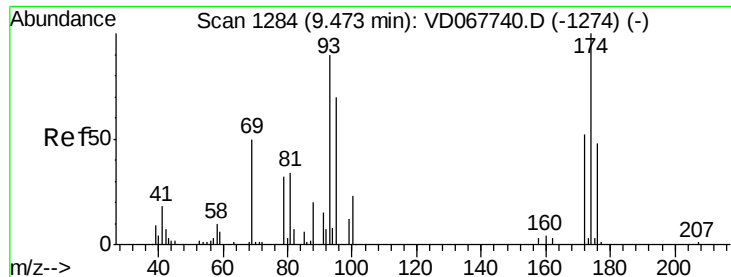
MMDadoda
11/25/2020 2:01:53 PM



#48
Methyl methacrylate
Concen: 18.124 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	117.1	87.8	131.6
39	76.6	60.5	90.7





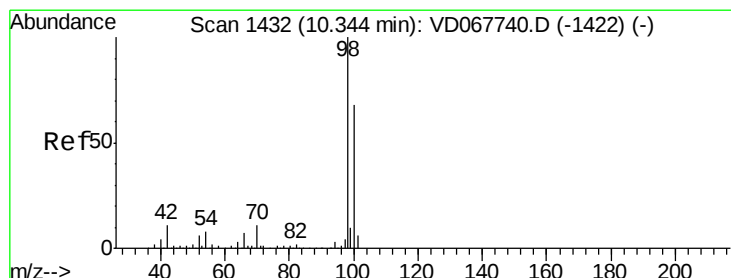
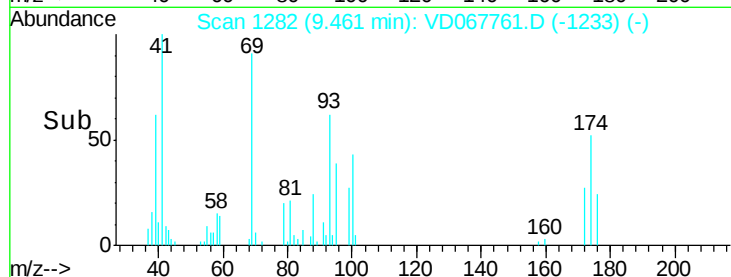
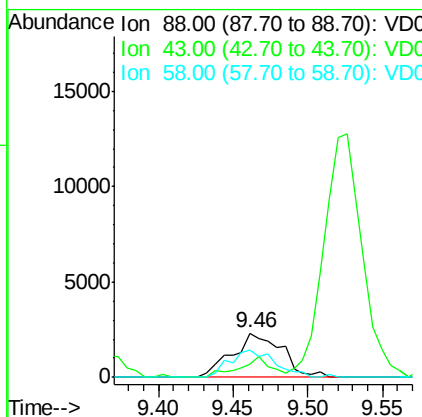
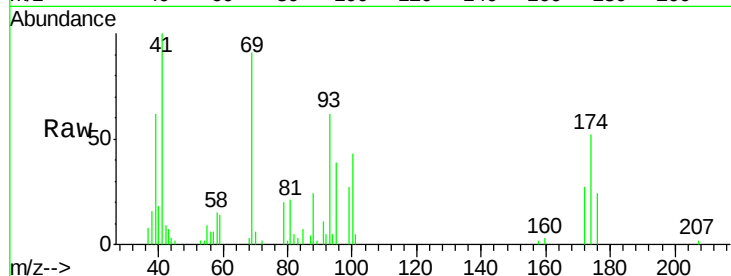
#49
1,4-Dioxane
Concen: 391.459 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	25.2	37.8
58	56.6	48.2	72.2

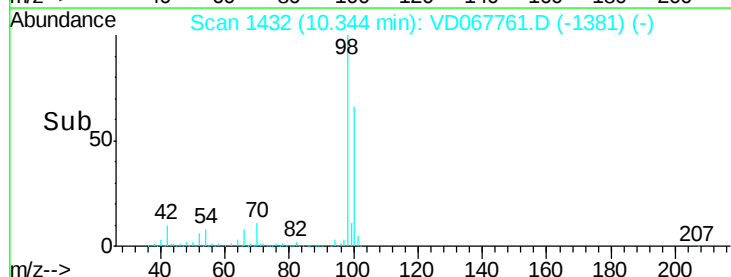
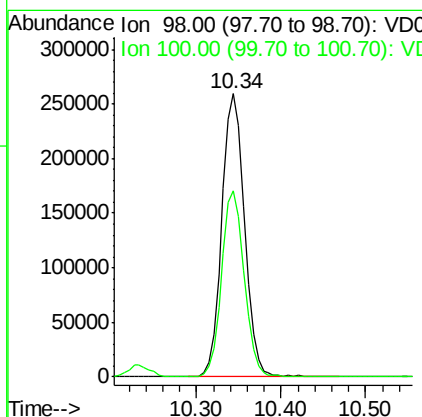
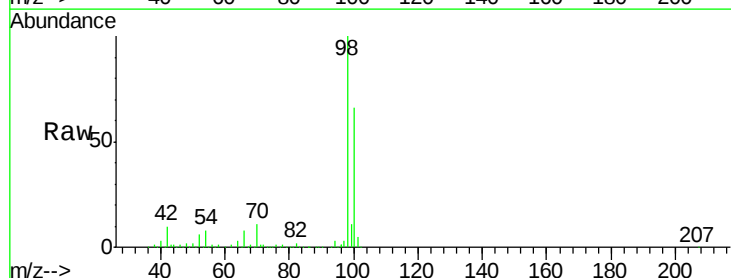
Manual Integrations
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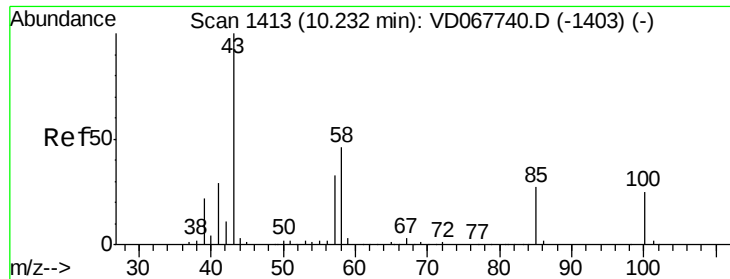
MMDadoda
11/25/2020 2:01:53 PM



#50
Toluene-d8
Concen: 54.363 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 96.620 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 43 Resp: 79857

Ion Ratio Lower Upper

43 100

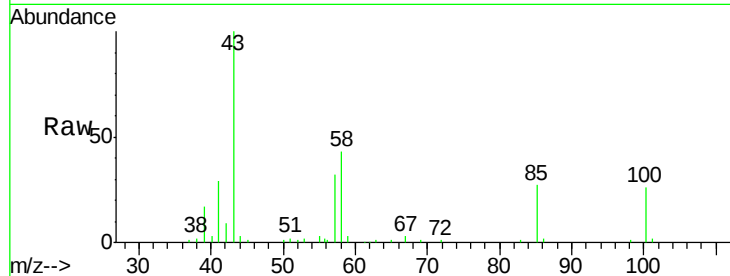
58 43.3 34.7 52.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

50000

40000

30000

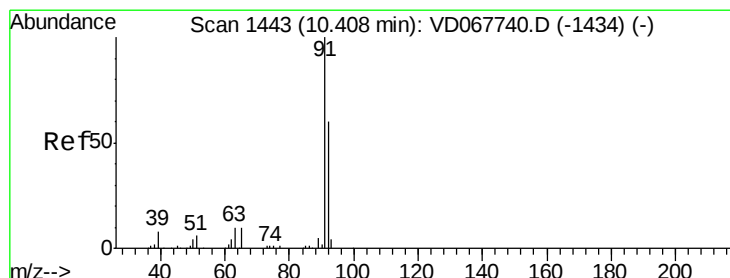
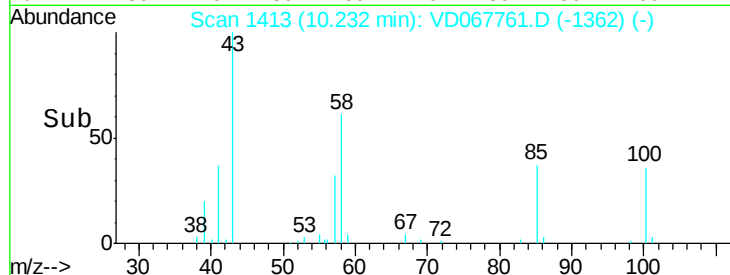
20000

10000

0

Time-->

10.15 10.20 10.25 10.30



#52

Toluene

Concen: 22.075 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067761.D

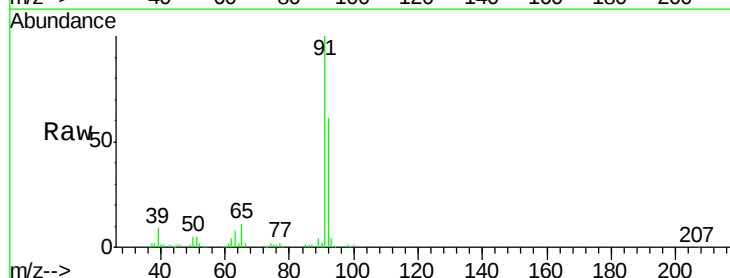
Acq: 24 Nov 2020 11:36

Tgt Ion: 92 Resp: 134532

Ion Ratio Lower Upper

92 100

91 163.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

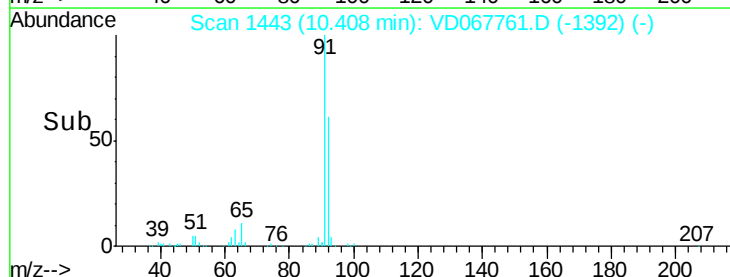
100000

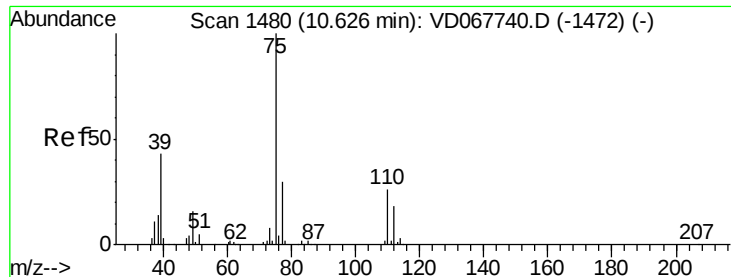
50000

0

Time-->

10.30 10.40 10.50





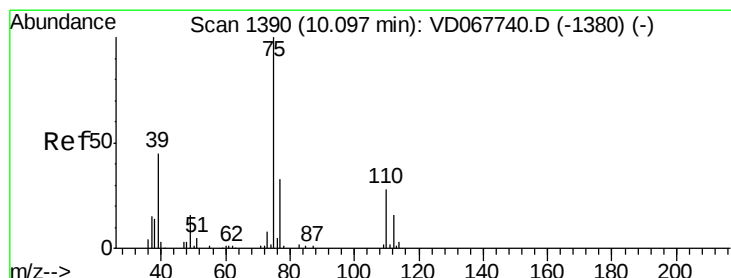
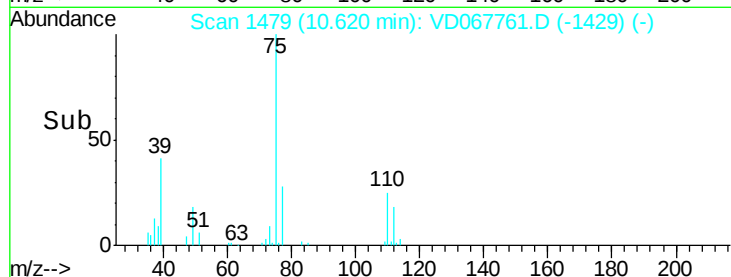
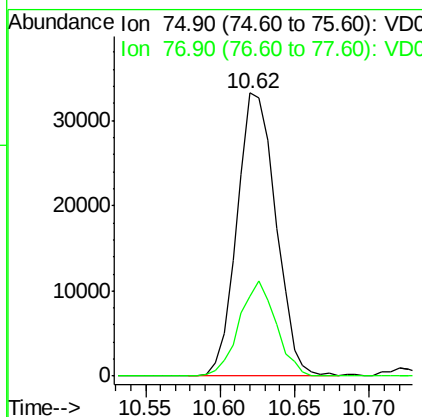
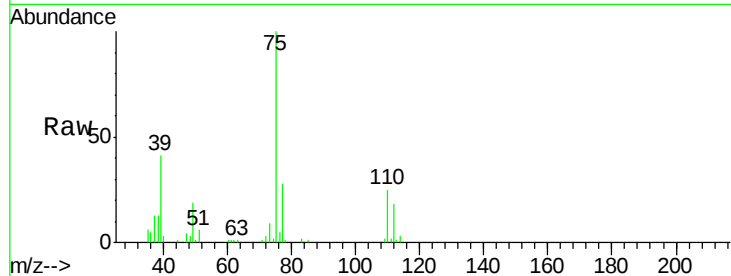
#53
t-1,3-Dichloropropene
Concen: 19.728 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 75 Resp: 60234
Ion Ratio Lower Upper
75 100
77 28.2 24.2 36.4

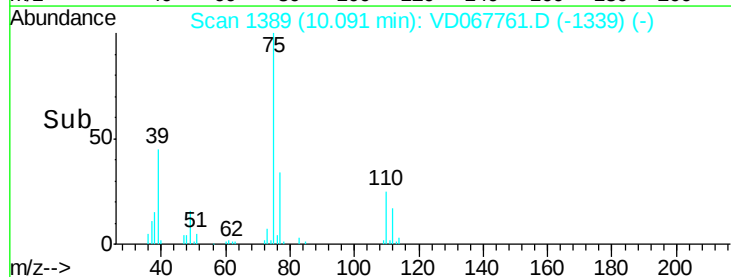
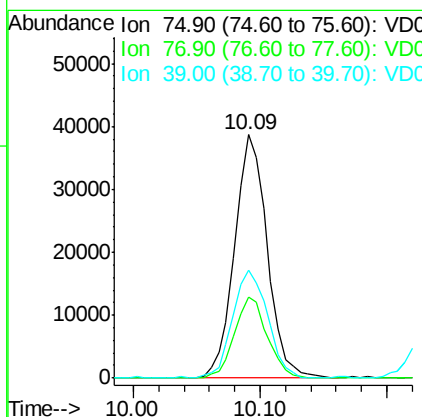
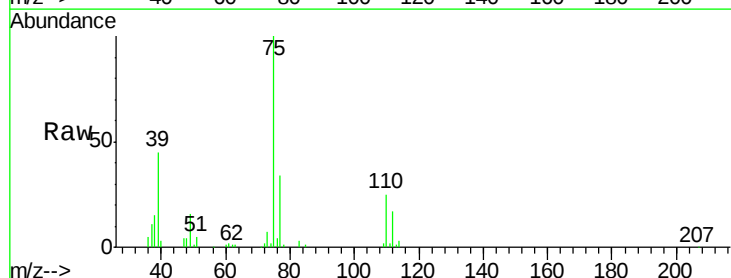
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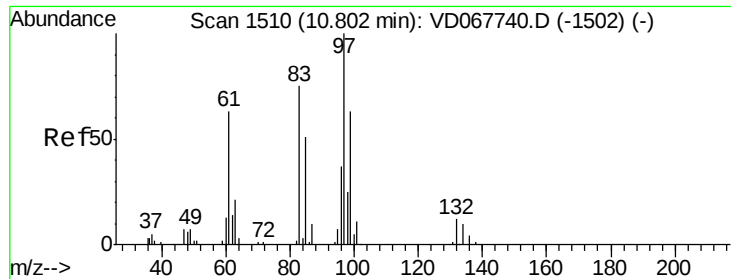
MMDadoda
11/25/2020 2:01:53 PM



#54
cis-1,3-Dichloropropene
Concen: 19.975 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 75 Resp: 69020
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1
39 44.5 35.8 53.6





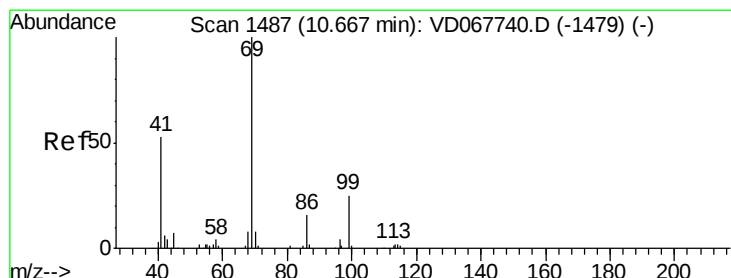
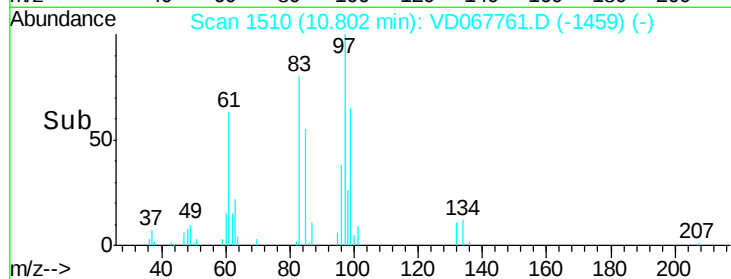
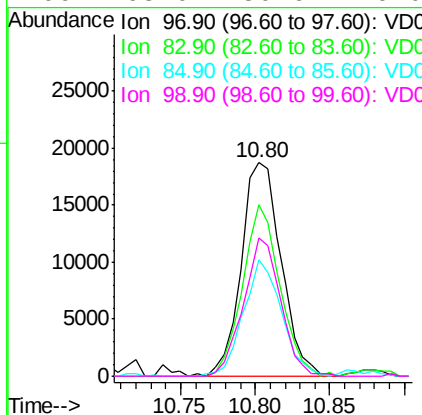
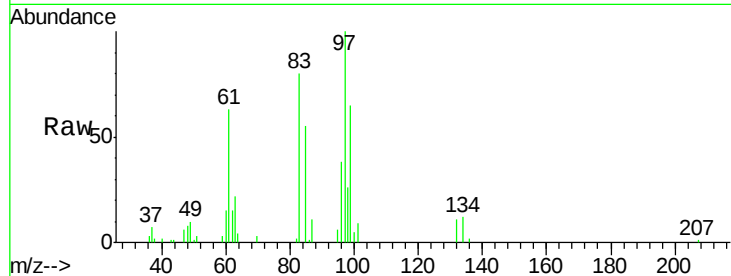
#55
 1,1,2-Trichloroethane
 Concen: 20.575 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion:	97	Resp:	34645
Ion	Ratio	Lower	Upper
97	100		
83	80.4	60.2	90.4
85	54.5	40.5	60.7
99	65.0	50.6	76.0

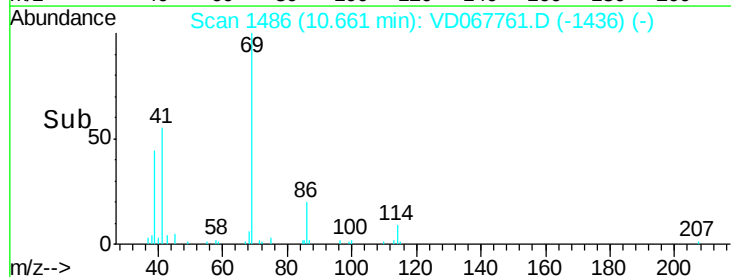
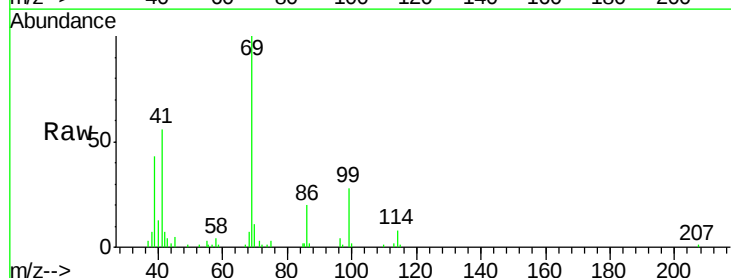
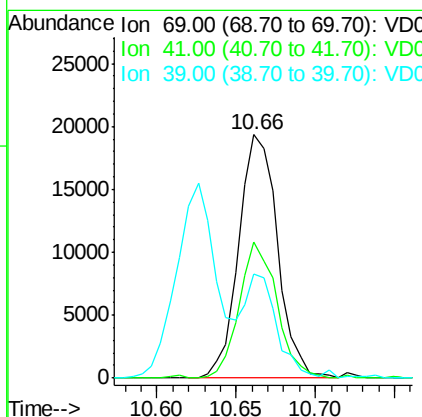
Manual Integrations
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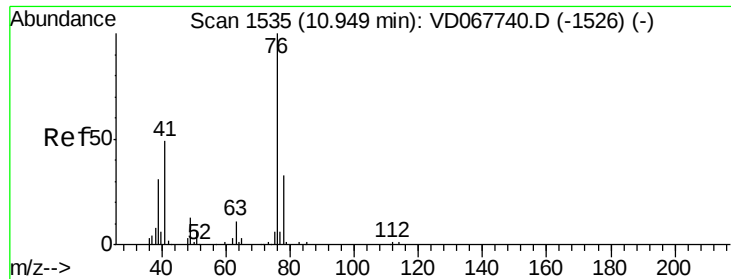
MMDadoda
 11/25/2020 2:01:53 PM



#56
 Ethyl methacrylate
 Concen: 18.949 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion:	69	Resp:	33035
Ion	Ratio	Lower	Upper
69	100		
41	54.1	43.4	65.0
39	33.5	29.6	44.4





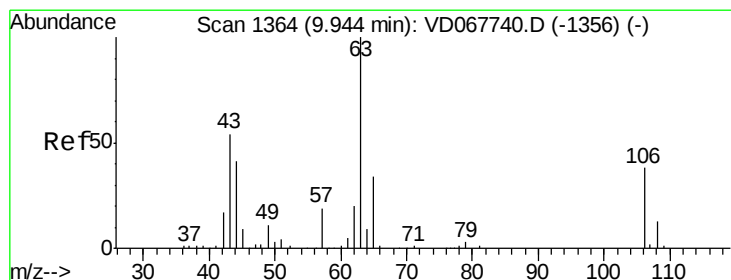
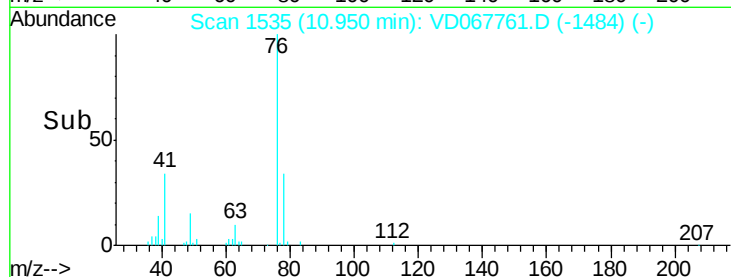
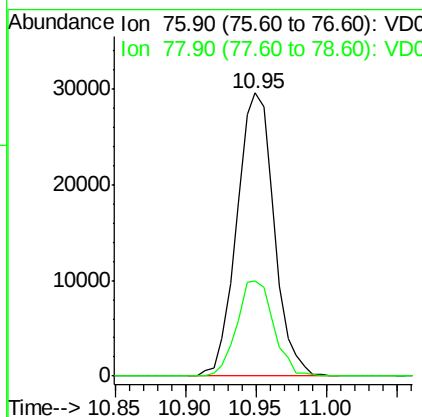
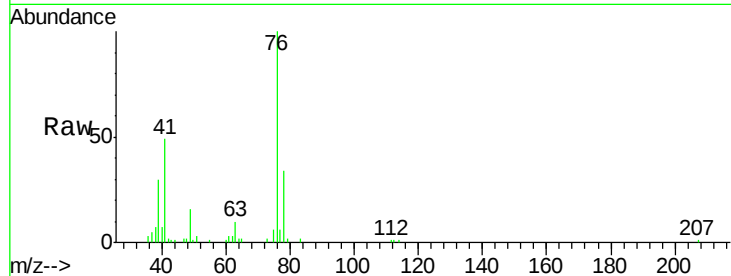
#57
 1,3-Dichloropropane
 Concen: 20.517 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion: 76 Resp: 54472
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.7 38.5

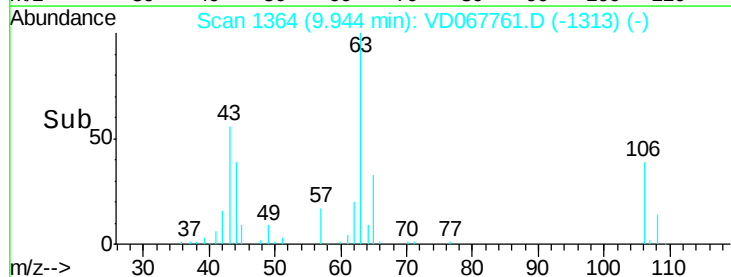
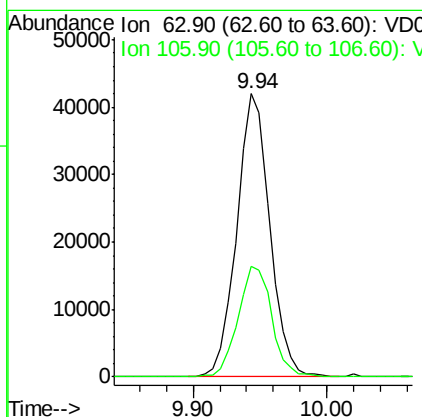
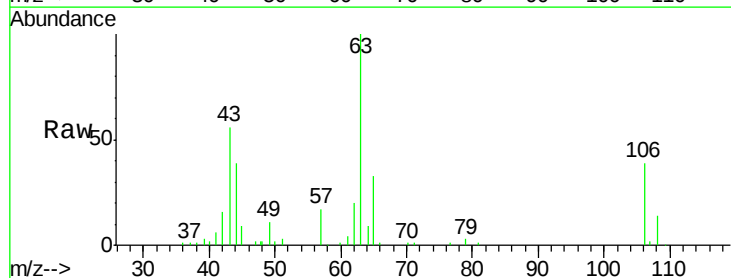
Manual Integrations
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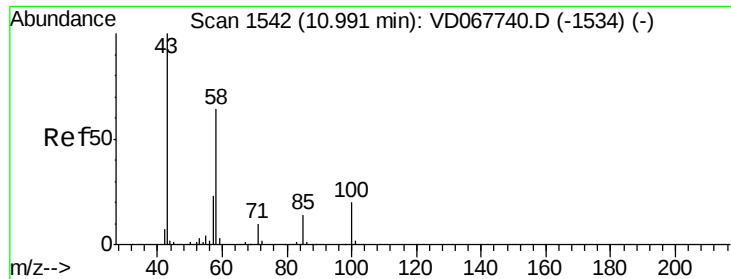
MMDadoda
 11/25/2020 2:01:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.970 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion: 63 Resp: 71658
 Ion Ratio Lower Upper
 63 100
 106 39.9 31.0 46.6





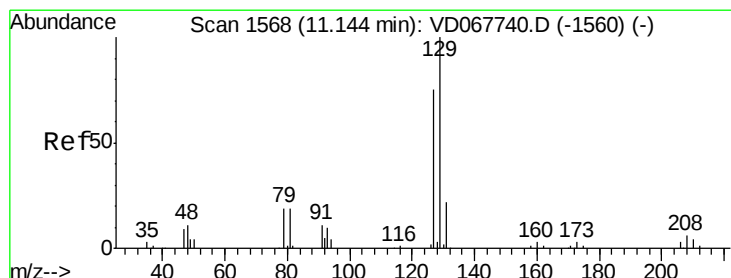
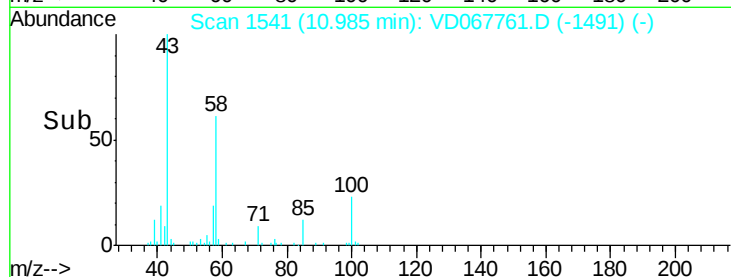
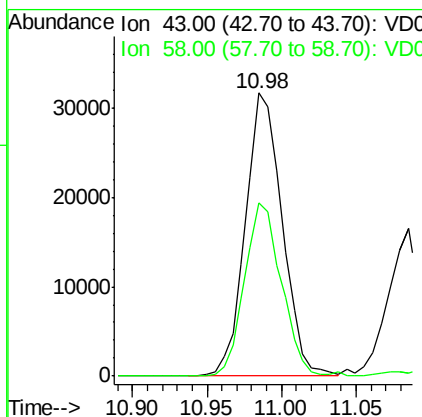
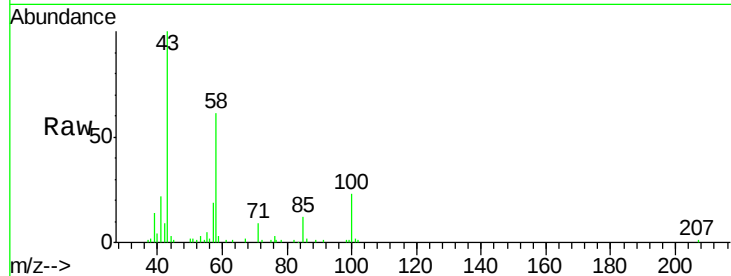
#59
2-Hexanone
Concen: 92.674 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 43 Resp: 54079
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5

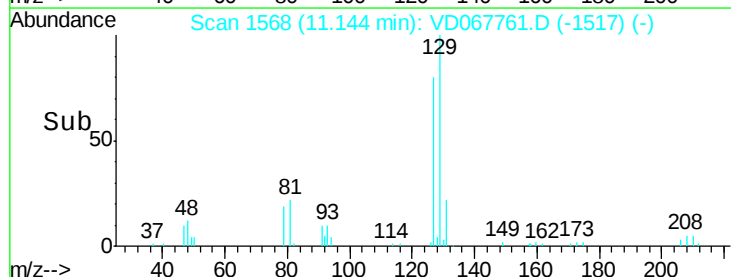
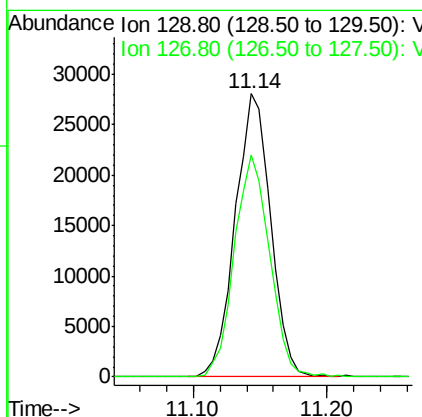
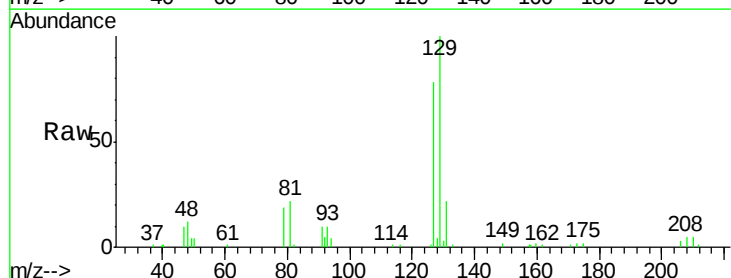
Manual Integrations
APPROVED

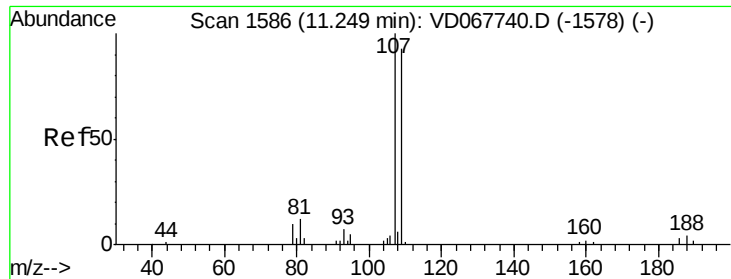
MMDadoda
11/25/2020 2:01:53 PM



#60
Dibromochloromethane
Concen: 20.061 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 129 Resp: 51475
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7





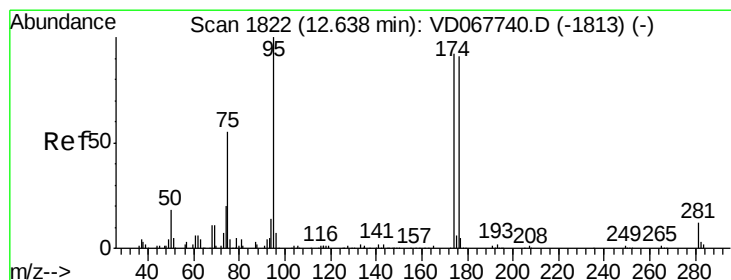
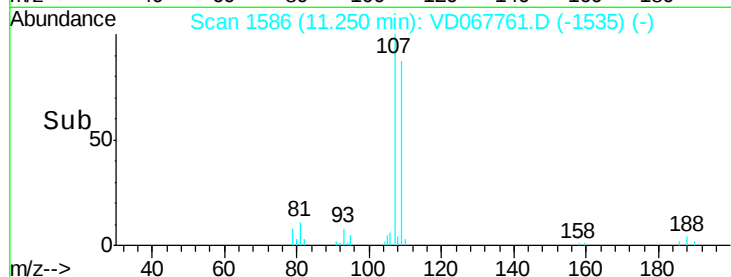
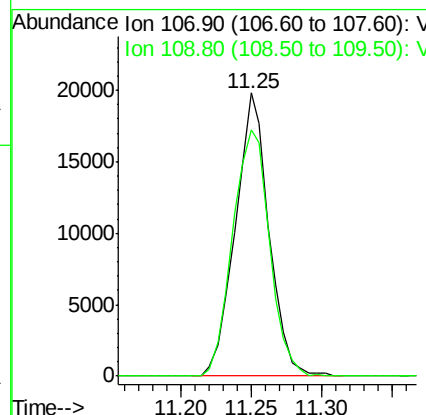
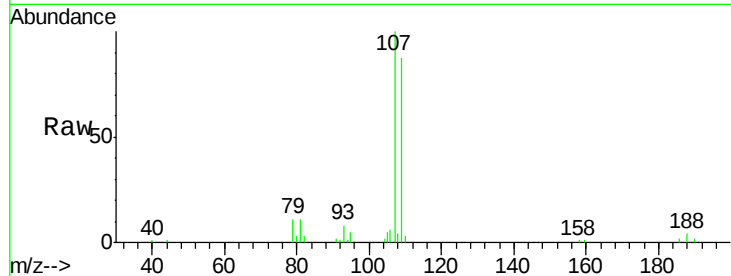
#61
1,2-Dibromoethane
Concen: 19.749 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 107 Resp: 32766
Ion Ratio Lower Upper
107 100
109 95.6 75.1 112.7

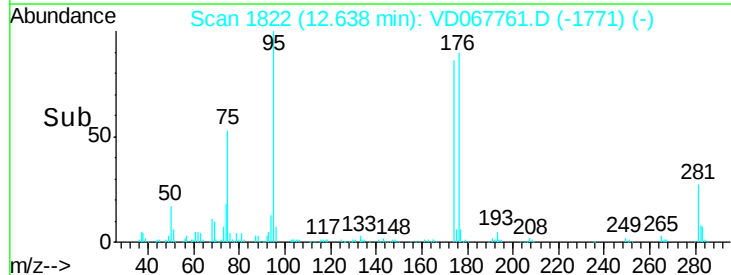
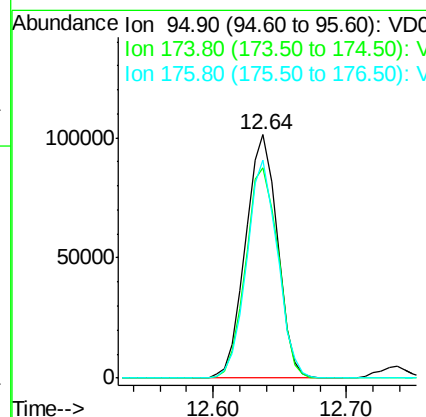
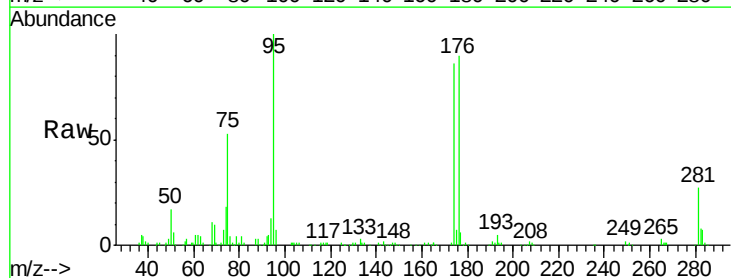
Manual Integrations
APPROVED

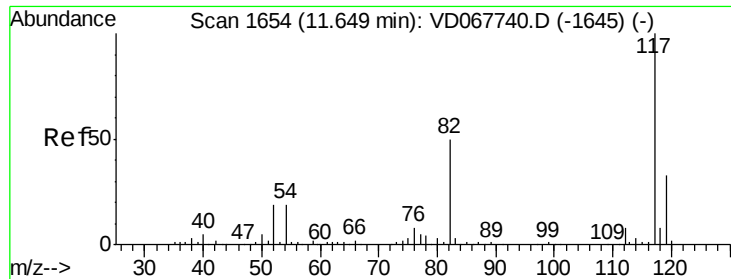
MMDadoda
11/25/2020 2:01:53 PM



#62
4-Bromofluorobenzene
Concen: 55.233 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 95 Resp: 167437
Ion Ratio Lower Upper
95 100
174 87.7 0.0 182.4
176 86.4 0.0 178.2





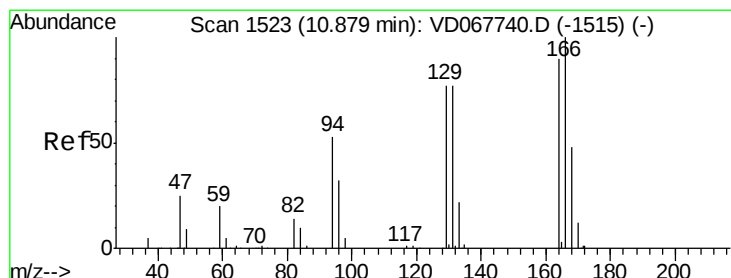
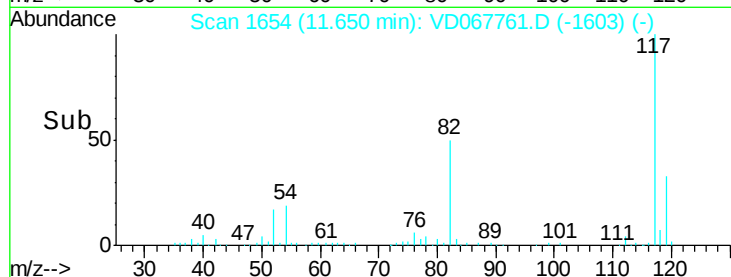
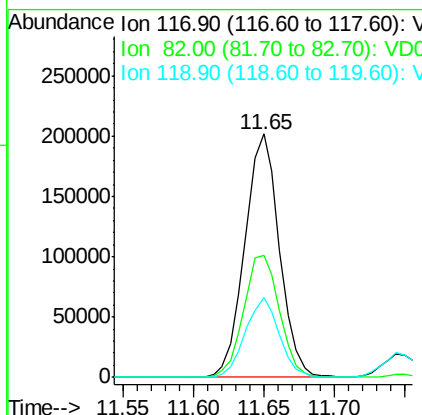
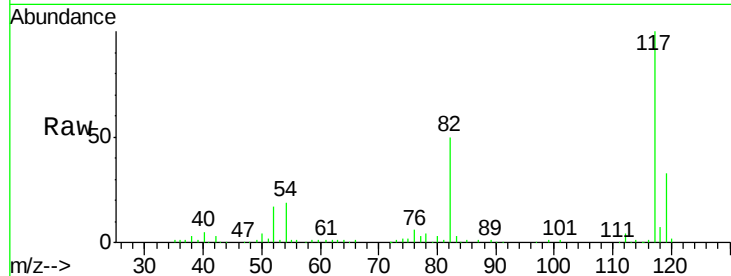
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.2	60.4
119	32.6	26.5	39.7

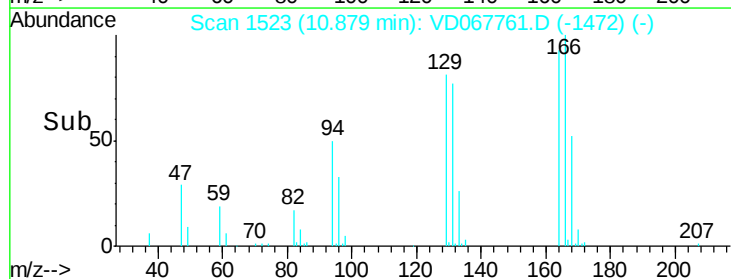
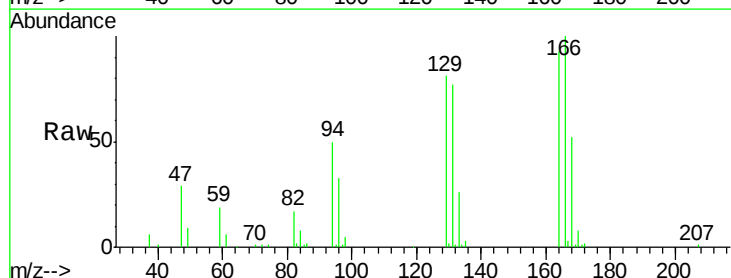
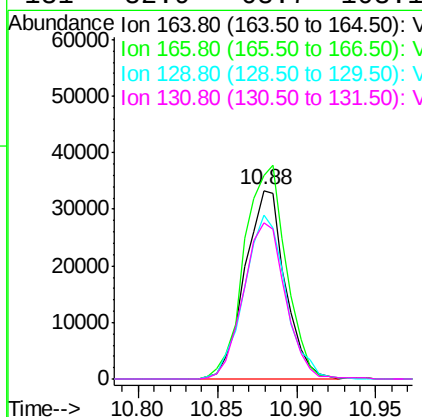
Manual Integrations
APPROVED

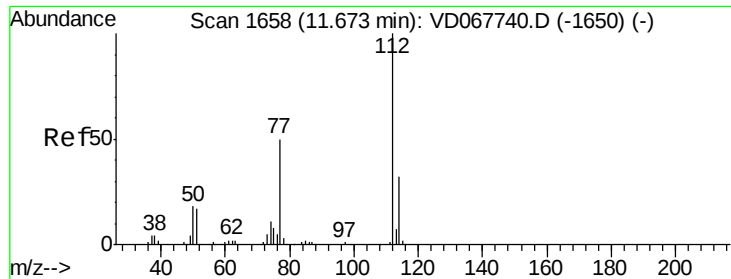
MMDadoda
11/25/2020 2:01:53 PM



#64
Tetrachloroethene
Concen: 21.792 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	107.9	89.2	133.8
129	87.1	68.4	102.6
131	82.9	68.7	103.1





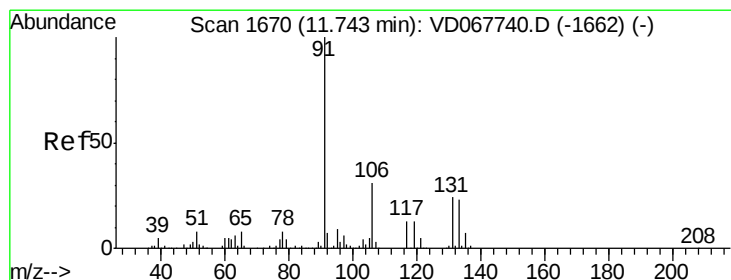
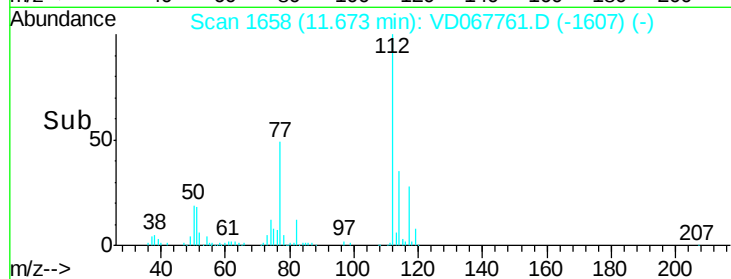
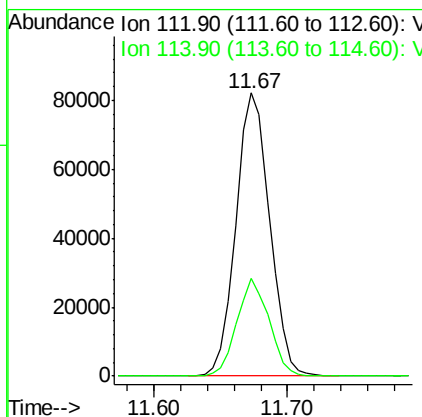
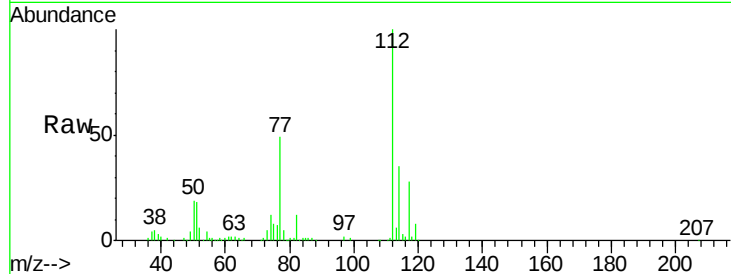
#65
Chlorobenzene
Concen: 21.081 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion:112 Resp: 143814
Ion Ratio Lower Upper
112 100
114 34.7 25.8 38.8

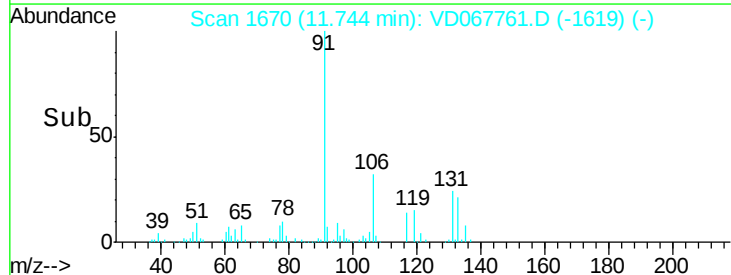
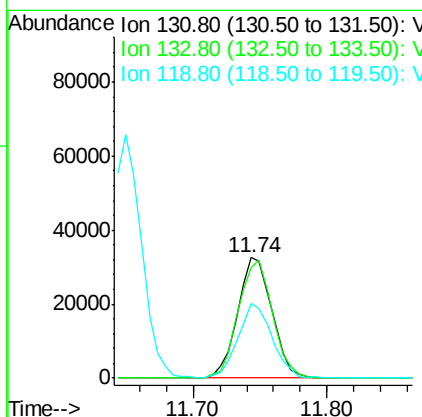
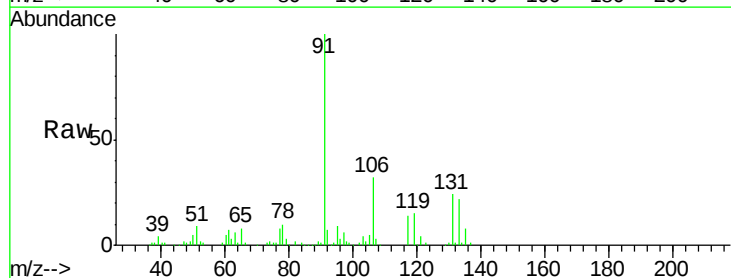
Manual Integrations
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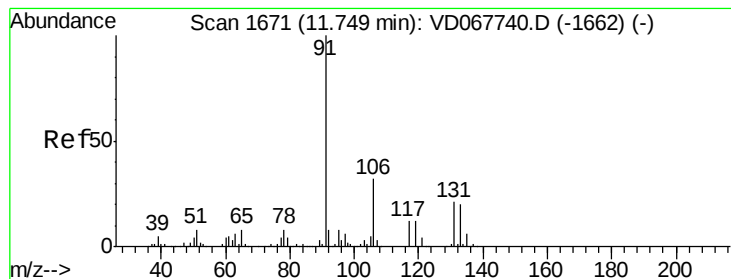
MMDadoda
11/25/2020 2:01:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:131 Resp: 57876
Ion Ratio Lower Upper
131 100
133 97.2 49.0 147.0
119 61.3 28.8 86.5





#67

Ethyl Benzene

Concen: 20.962 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 91 Resp: 246873

Ion Ratio Lower Upper

91 100

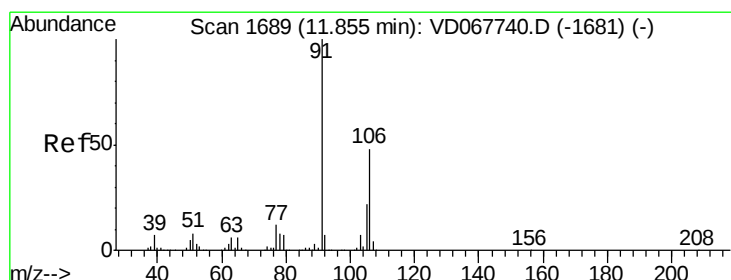
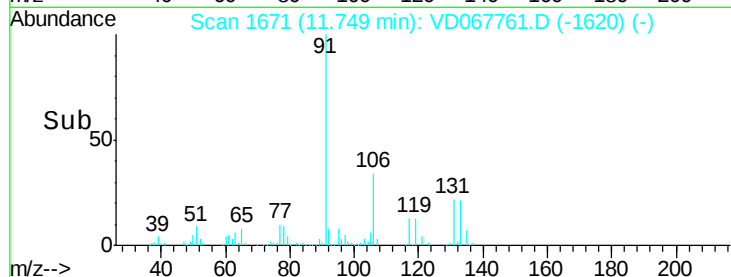
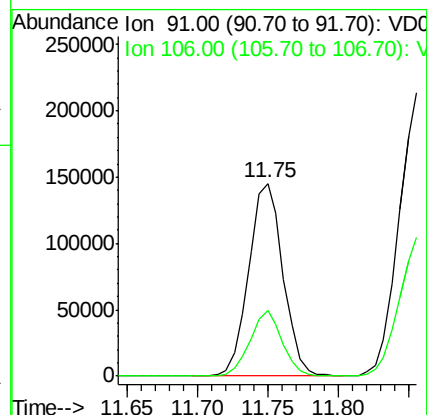
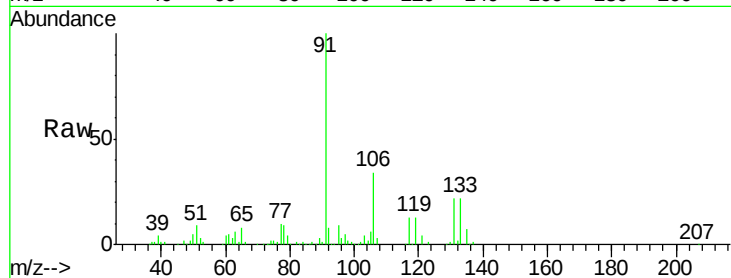
106 33.9 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

11/25/2020 2:01:53 PM



#68

m/p-Xylenes

Concen: 43.871 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067761.D

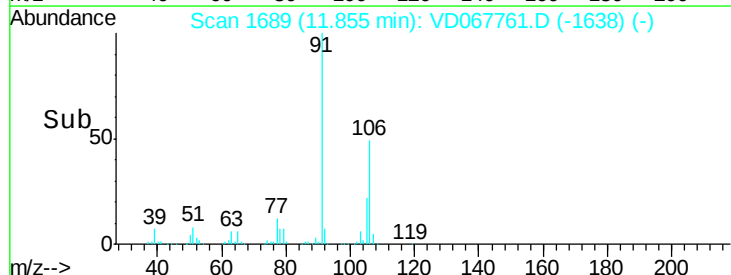
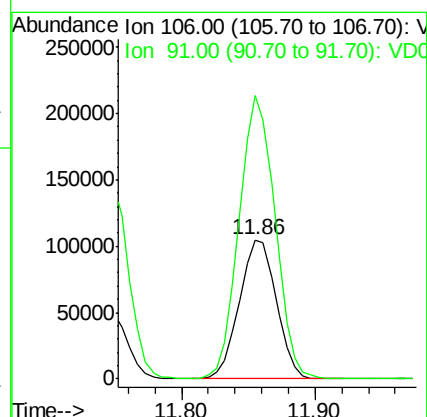
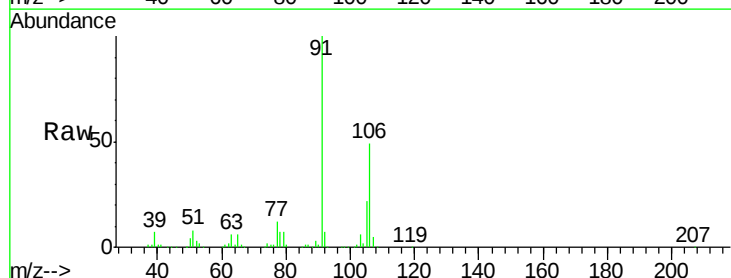
Acq: 24 Nov 2020 11:36

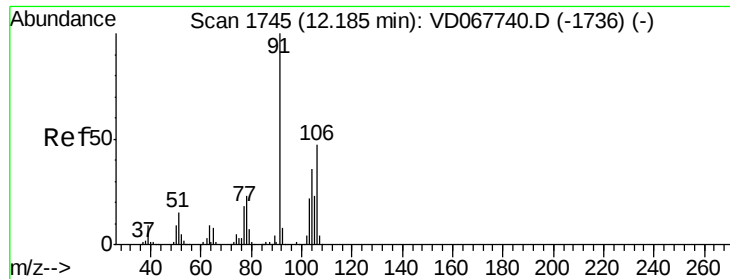
Tgt Ion: 106 Resp: 201068

Ion Ratio Lower Upper

106 100

91 199.2 163.0 244.6





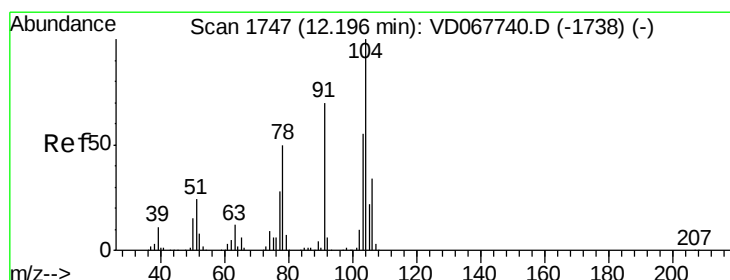
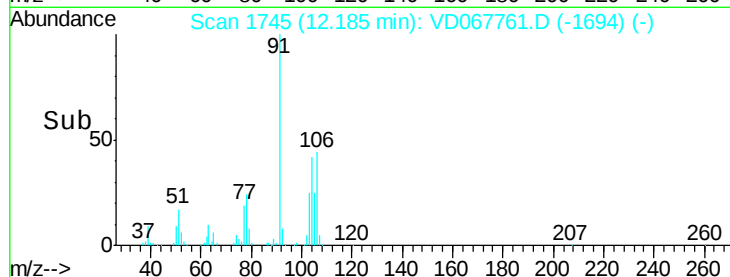
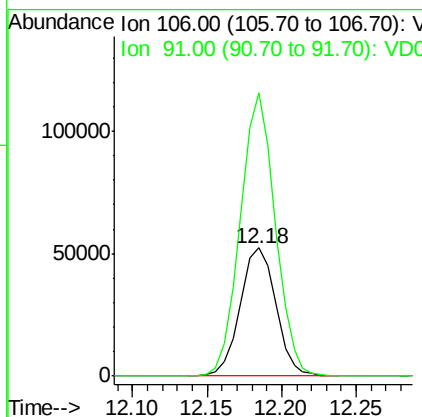
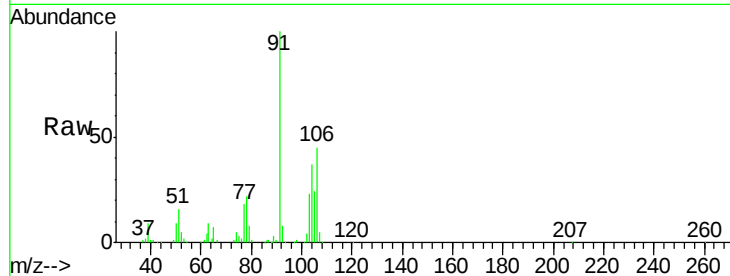
#69
o-Xylene
Concen: 20.851 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion:106 Resp: 87007
Ion Ratio Lower Upper
106 100
91 216.1 106.2 318.6

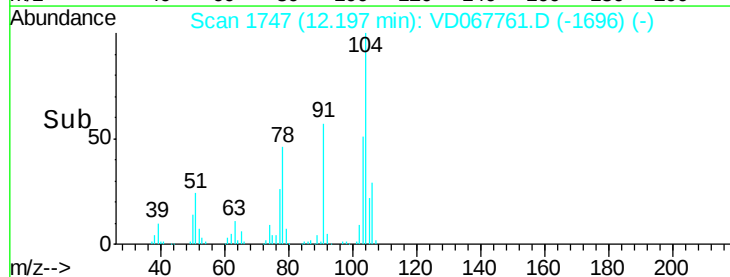
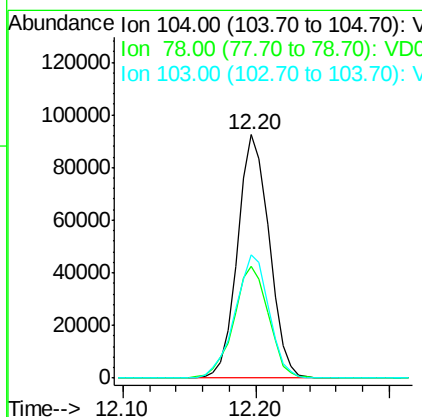
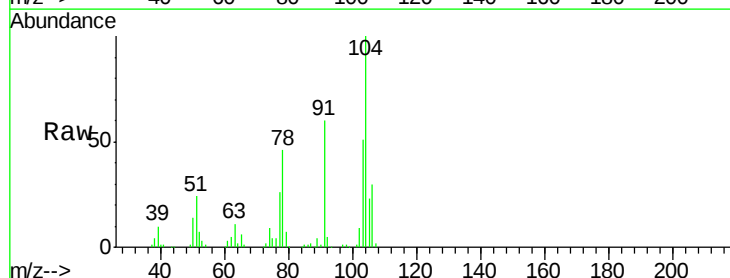
Manual Integrations
APPROVED

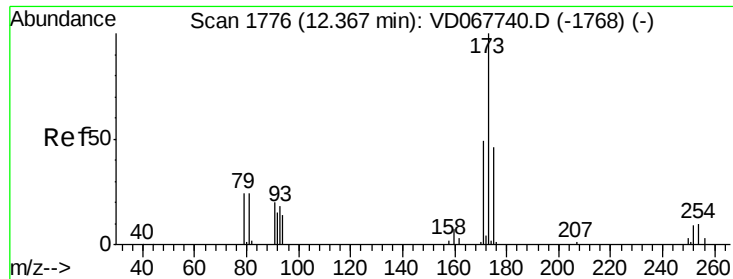
MMDadoda
11/25/2020 2:01:53 PM



#70
Styrene
Concen: 21.339 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:104 Resp: 151669
Ion Ratio Lower Upper
104 100
78 50.4 41.9 62.9
103 54.5 44.1 66.1





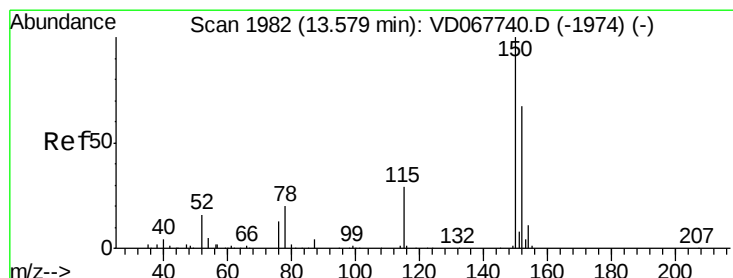
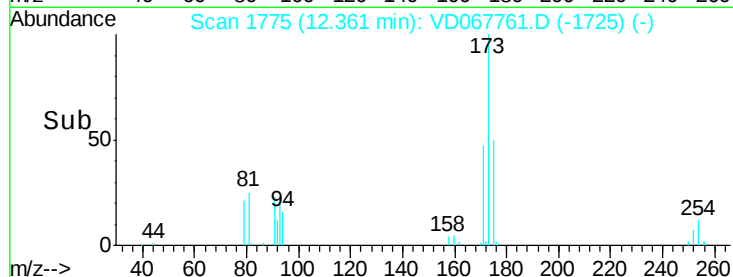
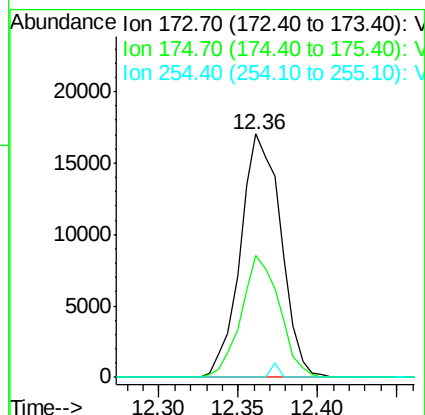
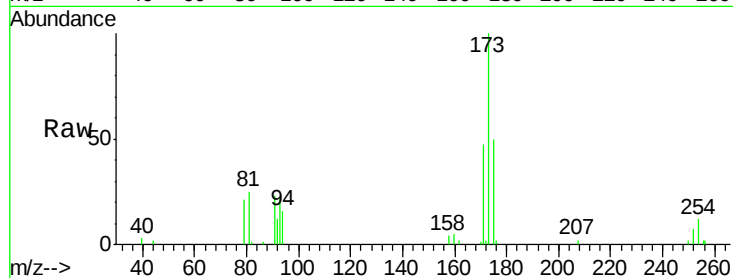
#71
Bromoform
Concen: 20.207 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion:173 Resp: 30272
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.7
254 1.1 0.0 0.0#

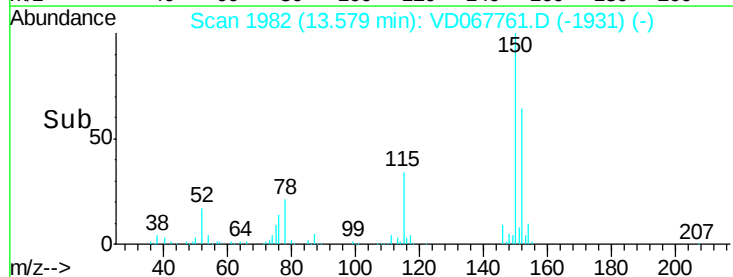
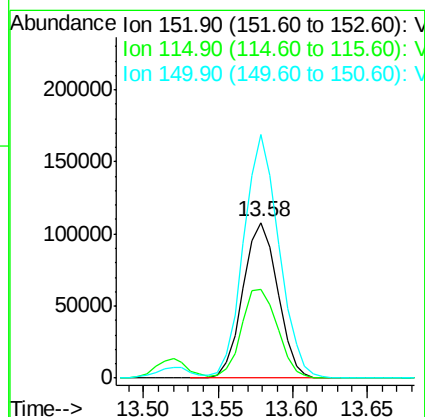
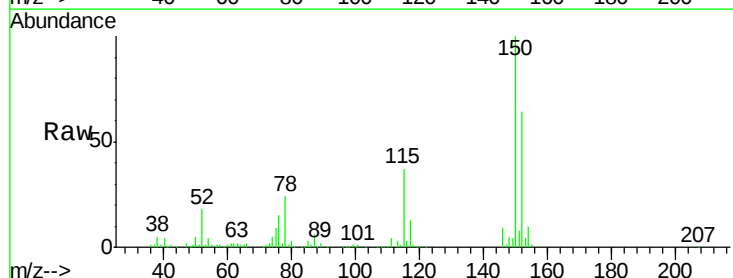
Manual Integrations
APPROVED

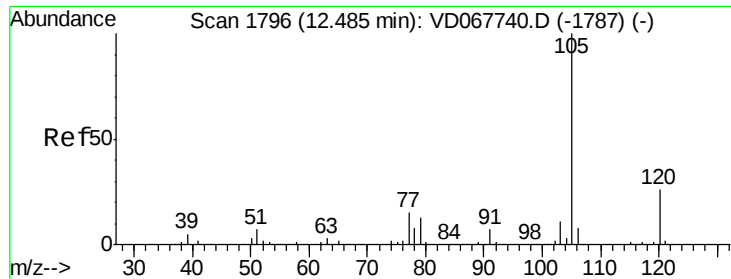
MMDadoda
11/25/2020 2:01:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion:152 Resp: 174731
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 158.7 0.0 340.6





#73

Isopropylbenzene

Concen: 21.661 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 105 Resp: 249027

Ion Ratio Lower Upper

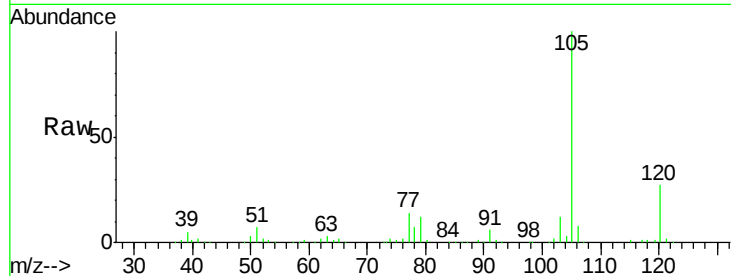
105 100

120 27.0 13.2 39.6

Manual Integrations
APPROVED

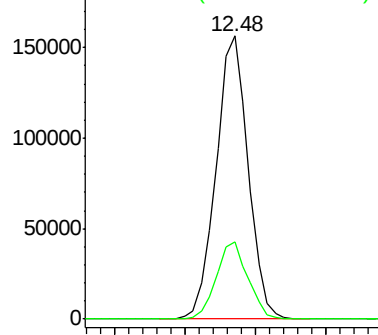
MMDadoda

11/25/2020 2:01:53 PM

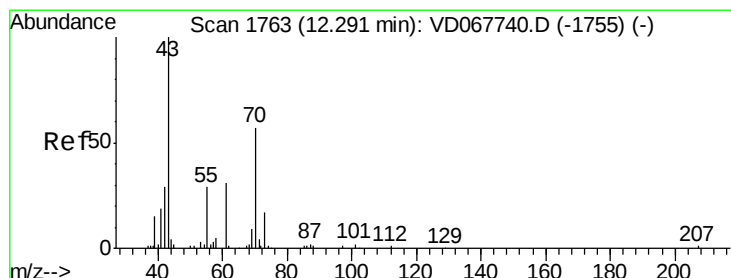
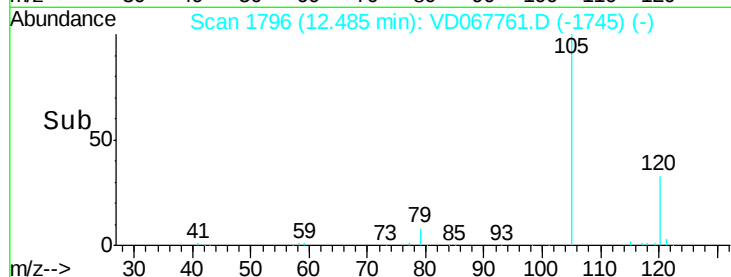


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.527 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion: 43 Resp: 29604

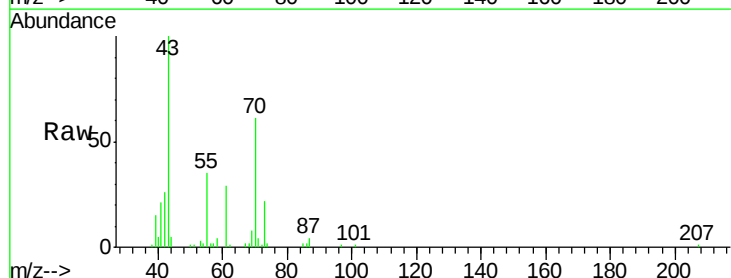
Ion Ratio Lower Upper

43 100

70 52.9 44.6 66.8

55 32.1 24.2 36.2

61 29.8 22.0 33.0

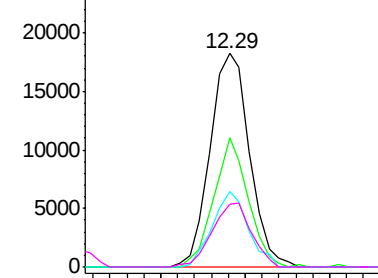


Abundance Ion 43.00 (42.70 to 43.70): V

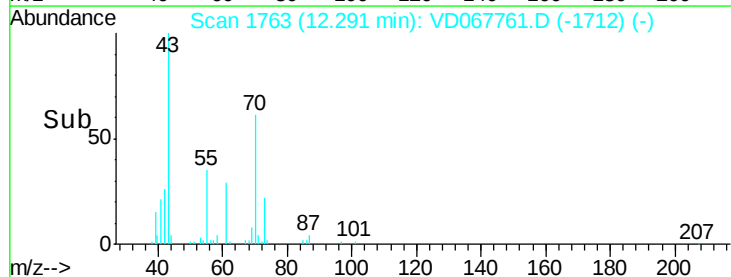
Ion 70.00 (69.70 to 70.70): V

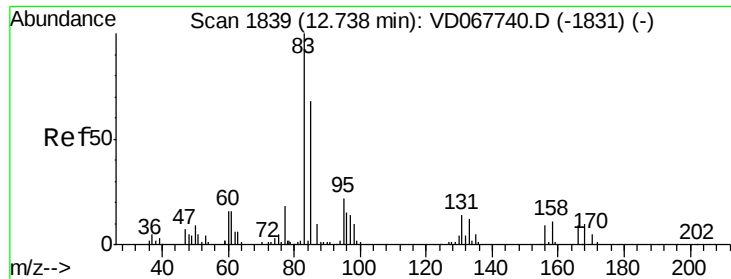
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.491 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

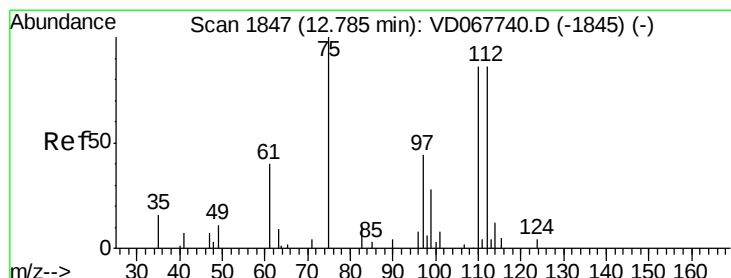
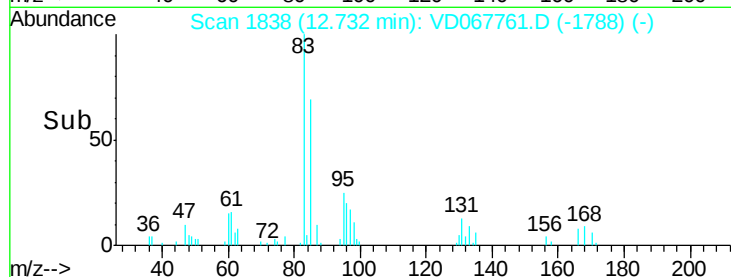
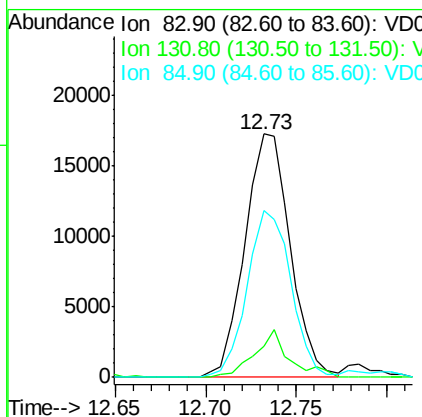
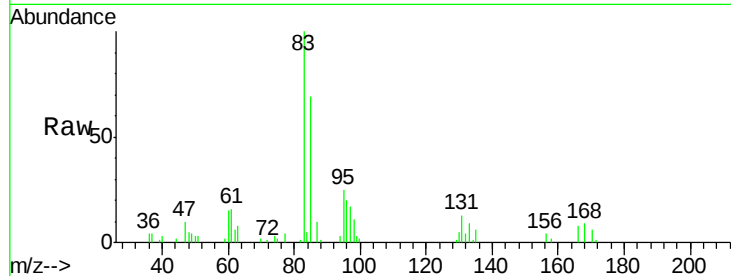
ClientSampleId :

VD1124SBS01

Tot Ion:	83	Resp:	30073
Ion Ratio	Lower	Upper	
83	100		
131	14.9	8.1	24.1
85	66.3	33.9	101.7

Manual Integrations
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11/25/2020 2:01:53 PM



#76

1,2,3-Trichloropropane

Concen: 19.557 ug/l m

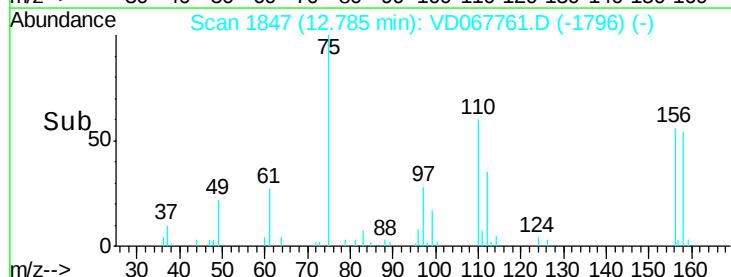
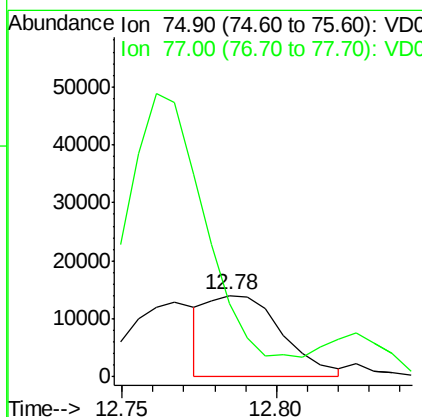
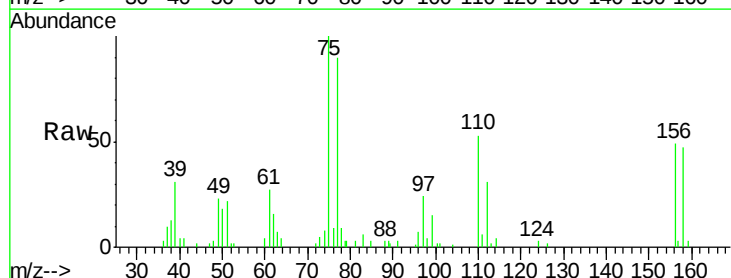
RT: 12.78 min Scan# 1847

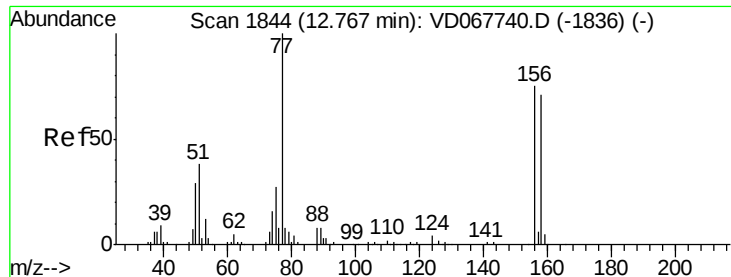
Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Tgt Ion:	75	Resp:	23816
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.130 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion:156 Resp: 60808

Ion Ratio Lower Upper

156 100

77 150.1 73.5 220.3

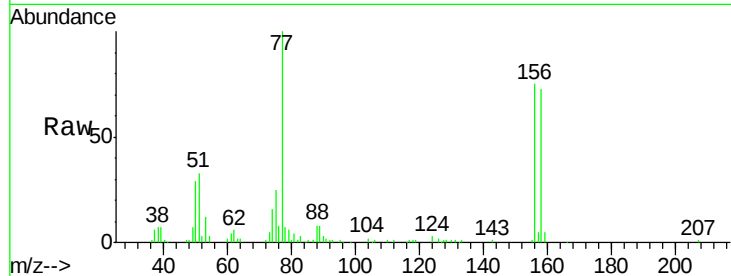
158 96.4 48.1 144.4

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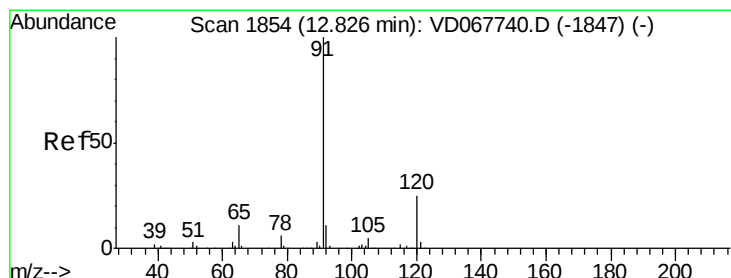
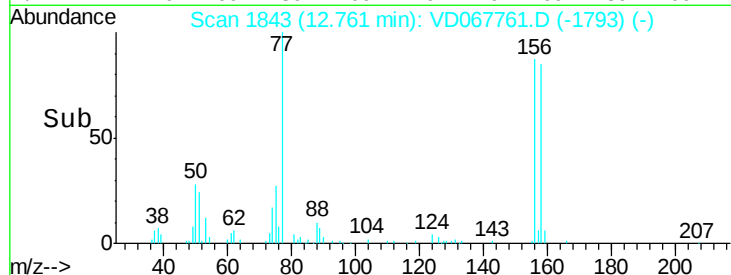
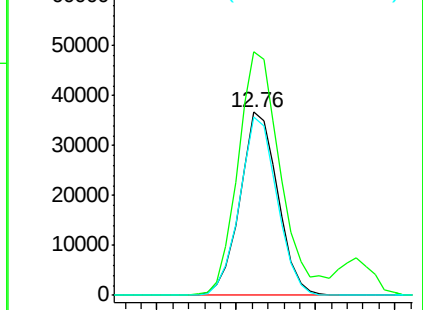
11/25/2020 2:01:53 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.205 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067761.D

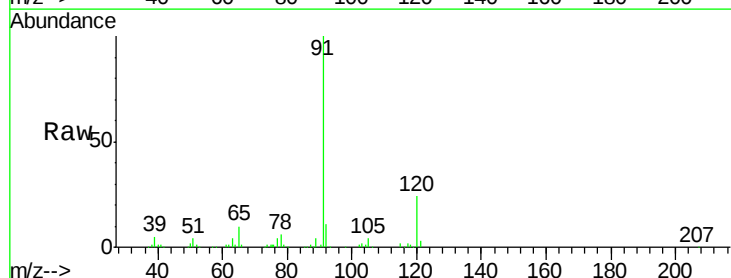
Acq: 24 Nov 2020 11:36

Tgt Ion: 91 Resp: 284018

Ion Ratio Lower Upper

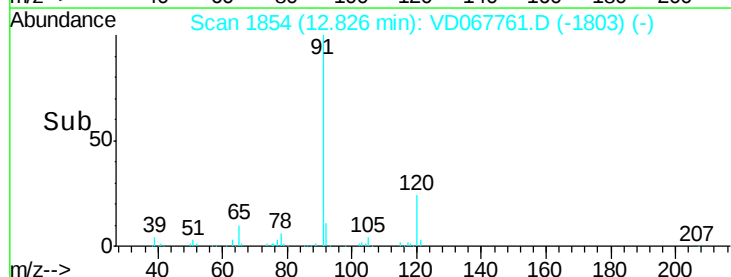
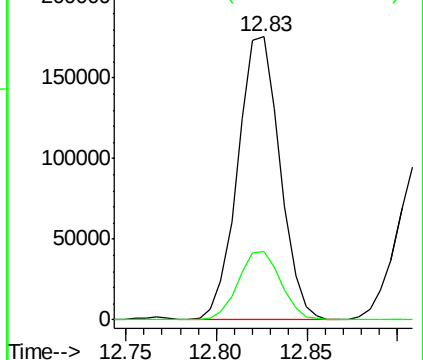
91 100

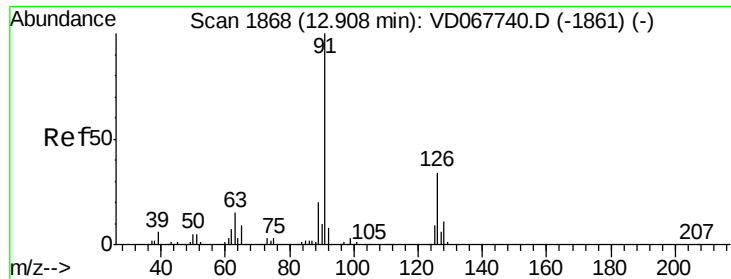
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.314 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion: 91 Resp: 161403

Ion Ratio Lower Upper

91 100

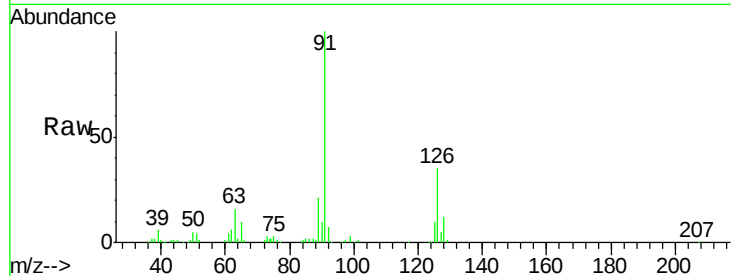
126 34.8 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD067740.D (-1861) (-)

150000

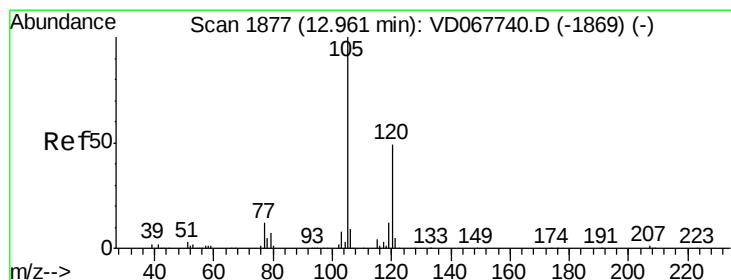
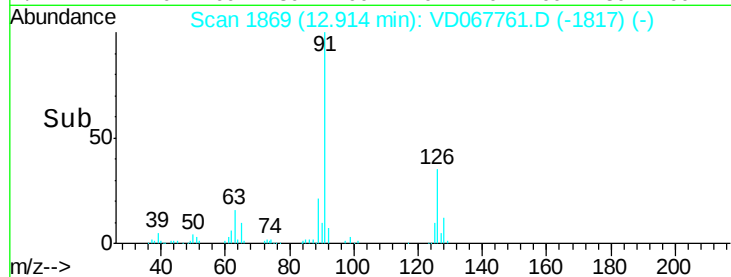
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.057 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067761.D

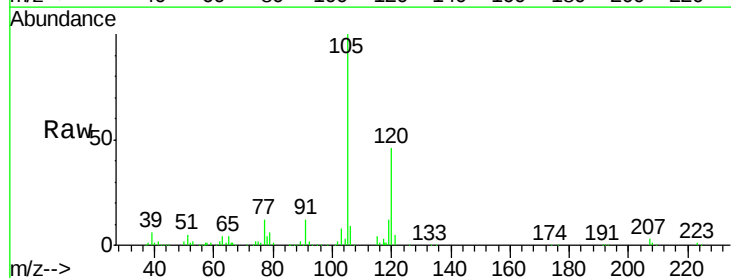
Acq: 24 Nov 2020 11:36

Tgt Ion: 105 Resp: 220557

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067740.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD067740.D (-1869) (-)

150000

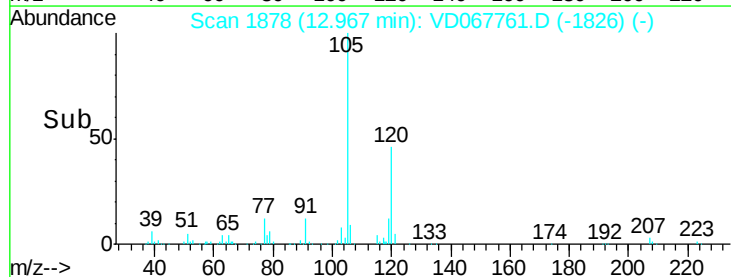
100000

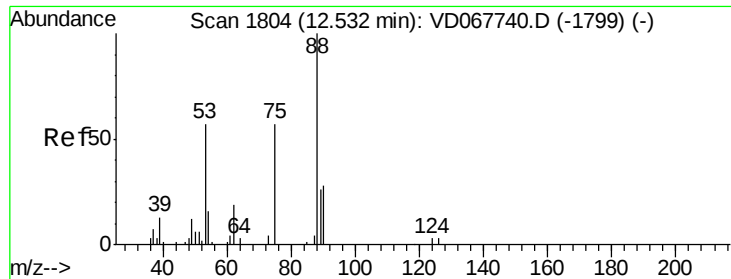
50000

0

12.90 12.95 13.00 13.05

Time-->





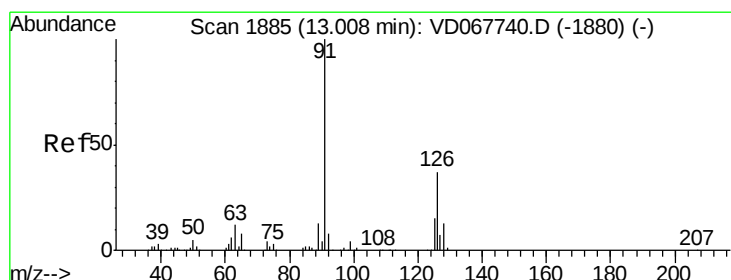
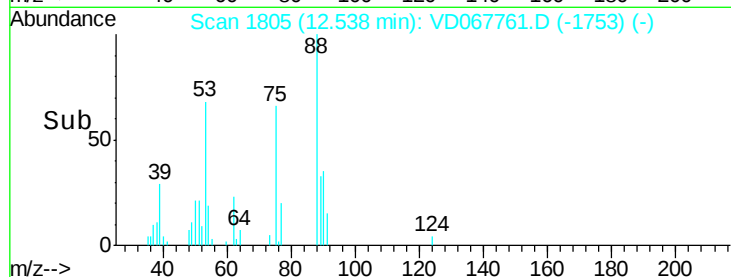
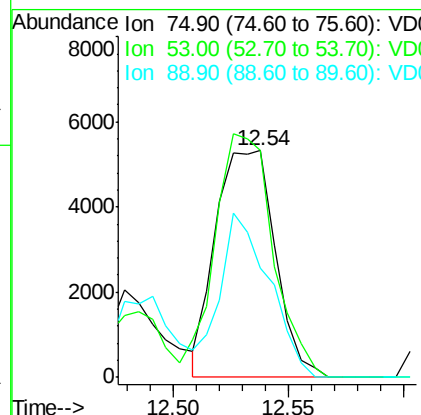
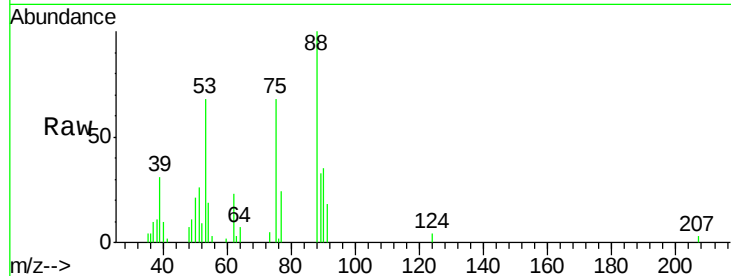
#81
trans-1,4-Dichloro-2-butene
Concen: 18.348 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion: 75 Resp: 9553
Ion Ratio Lower Upper
75 100
53 105.0 76.0 114.0
89 60.1 40.2 60.4

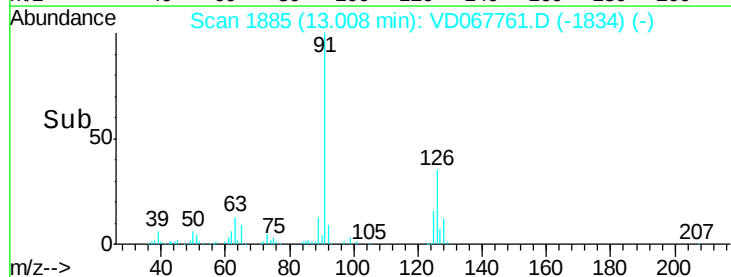
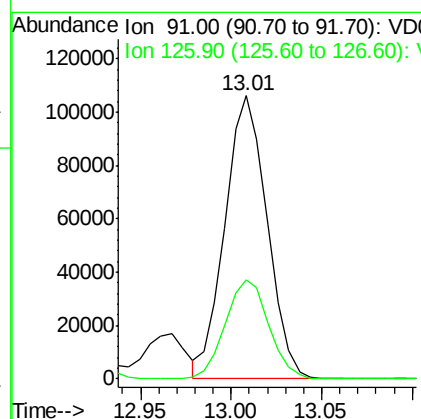
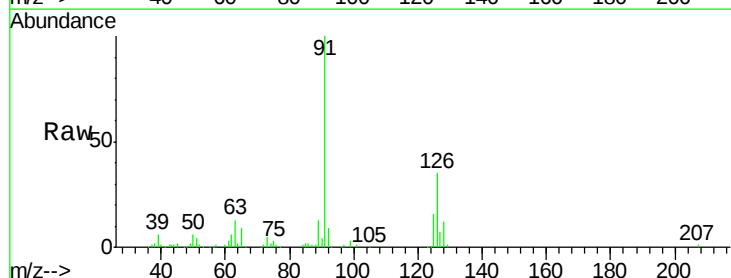
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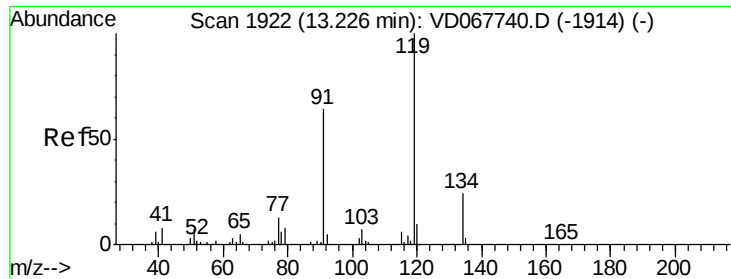
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.272 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion: 91 Resp: 171644
Ion Ratio Lower Upper
91 100
126 36.0 17.7 53.1





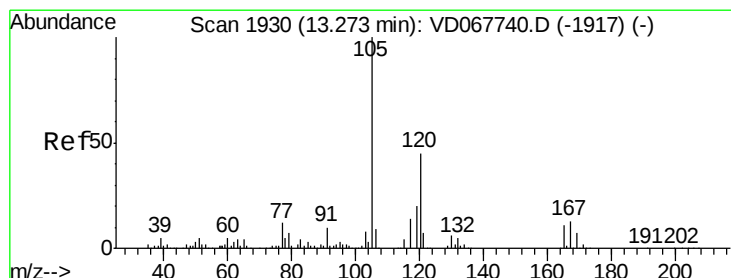
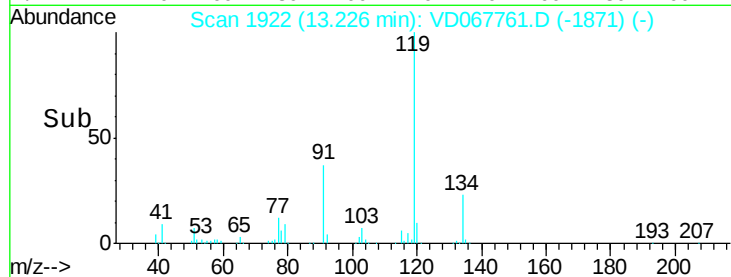
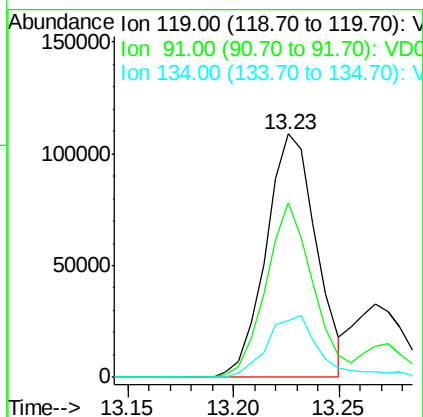
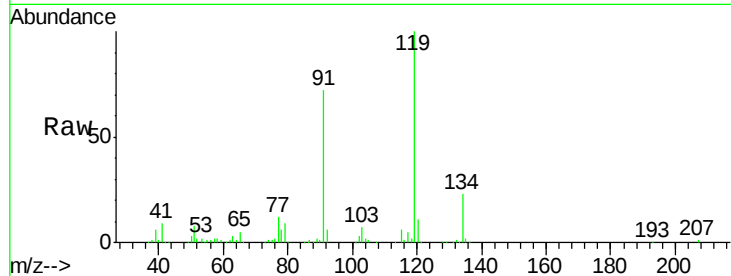
#83
tert-Butylbenzene
Concen: 20.923 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179783		
91	67.5		32.9	98.7
134	27.5		12.9	38.6

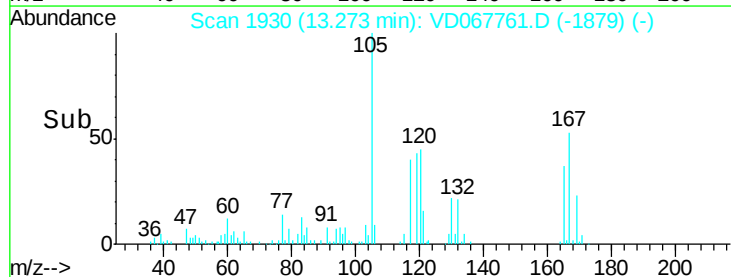
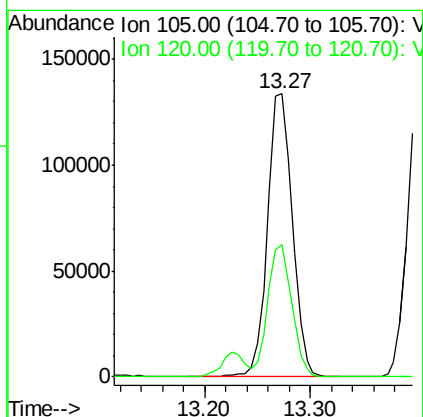
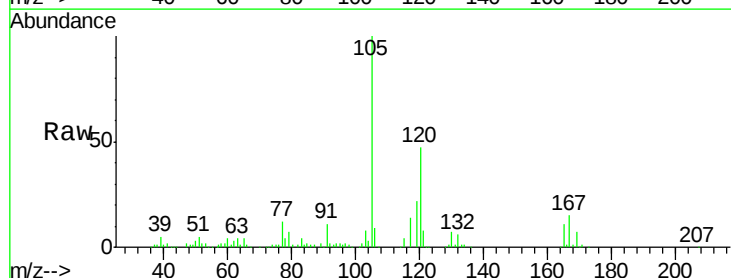
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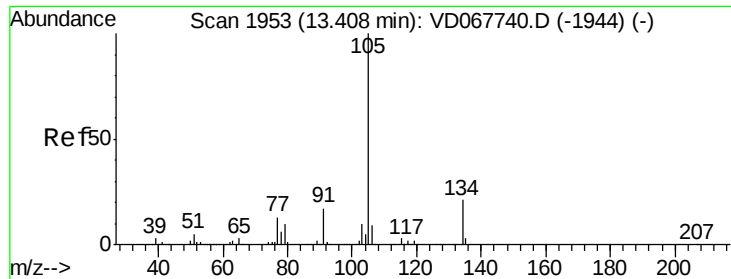
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#84
1,2,4-Trimethylbenzene
Concen: 21.792 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217681		
120	45.4		22.6	67.7





#85

sec-Butylbenzene

Concen: 21.871 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBS01

Tot Ion:105 Resp: 246883

Ion Ratio Lower Upper

105 100

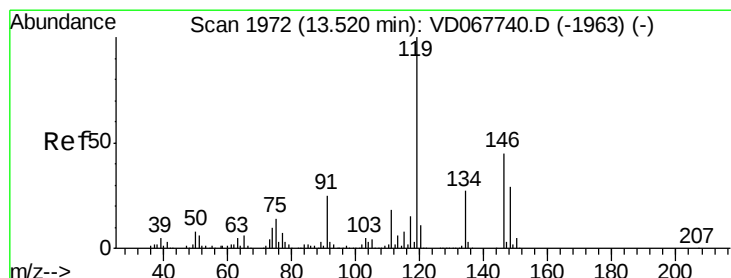
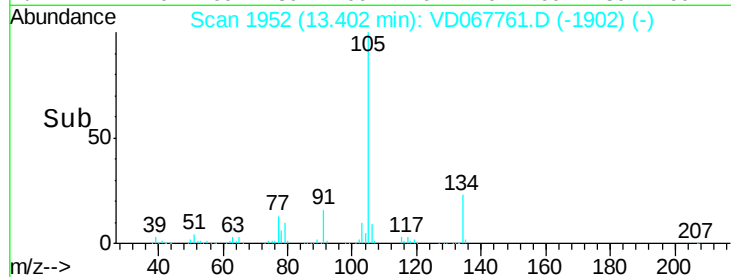
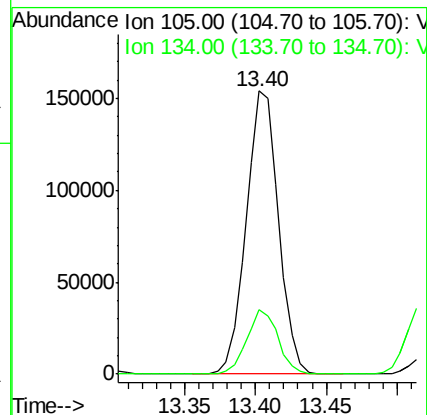
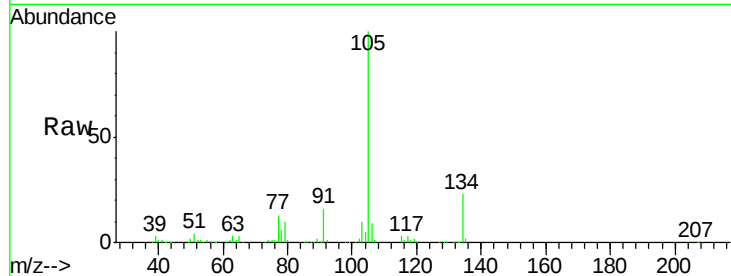
134 21.9 10.7 32.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.850 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067761.D

Acq: 24 Nov 2020 11:36

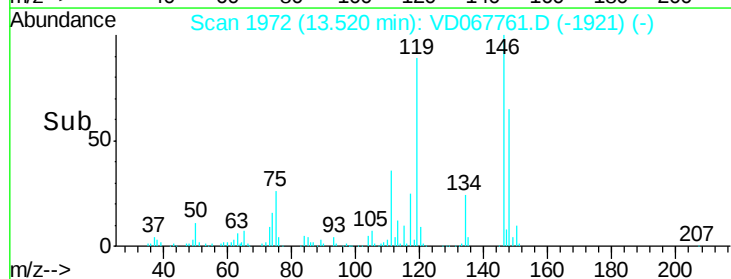
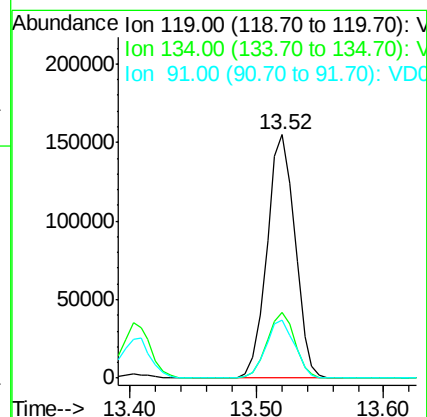
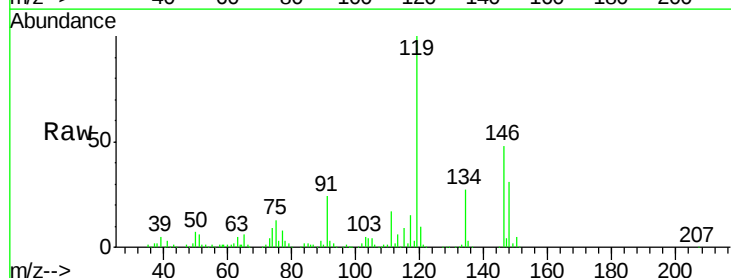
Tgt Ion:119 Resp: 238899

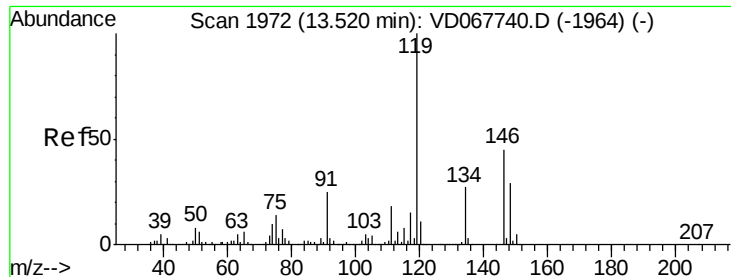
Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 24.5 12.7 38.1





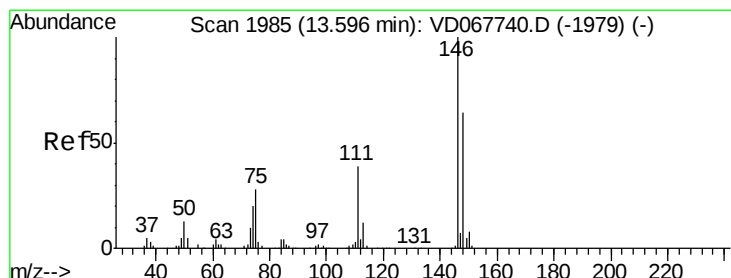
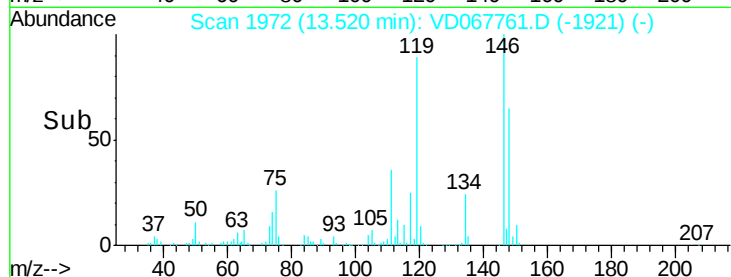
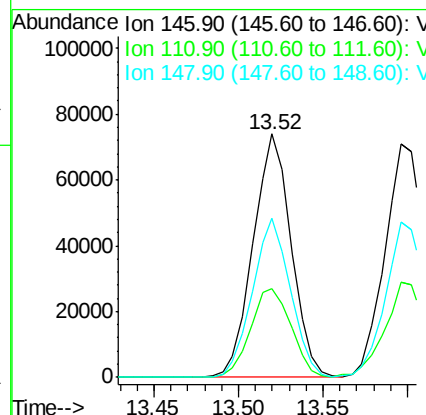
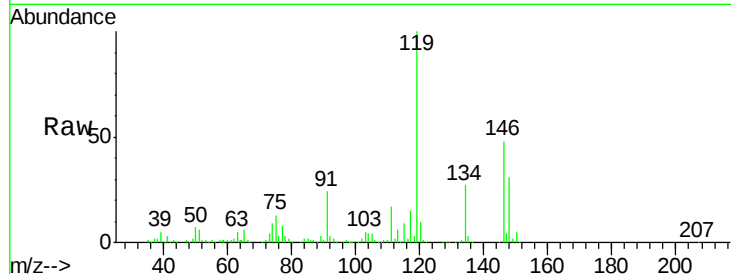
#87
 1,3-Dichlorobenzene
 Concen: 20.871 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.2	60.6
148	65.1	32.5	97.4

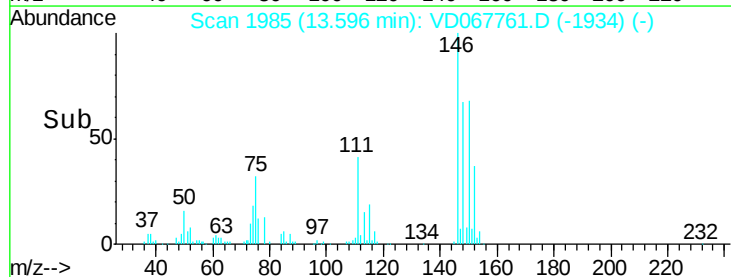
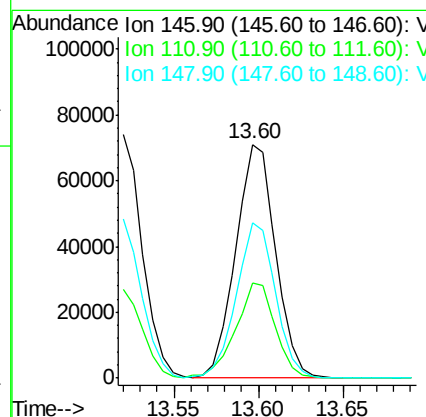
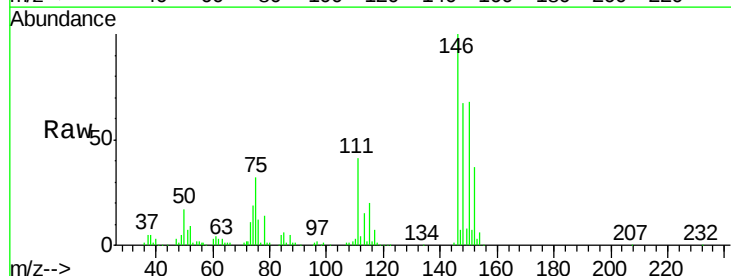
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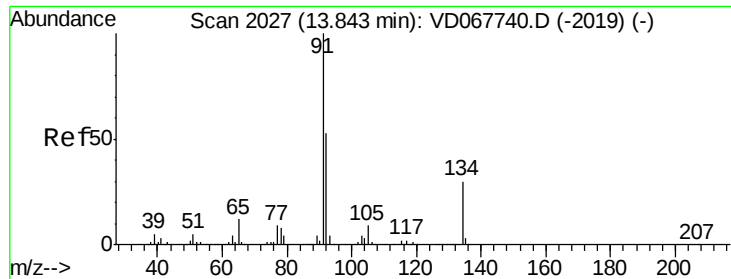
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#88
 1,4-Dichlorobenzene
 Concen: 21.164 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.4	58.4
148	65.1	31.6	94.8





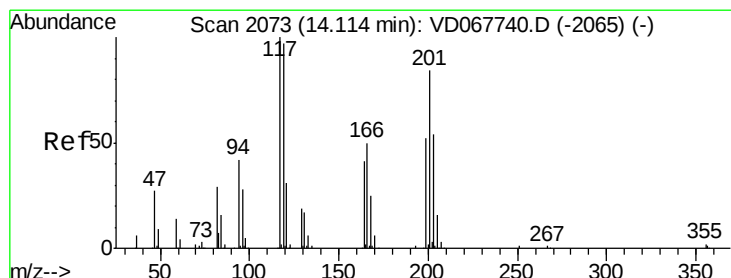
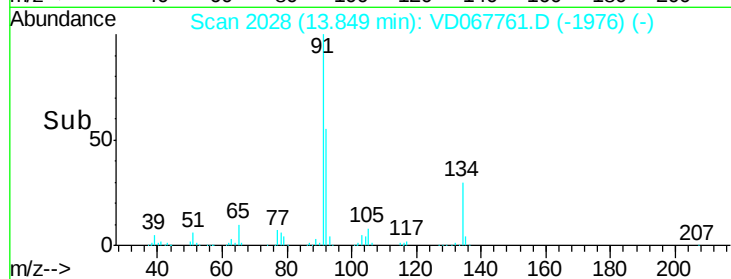
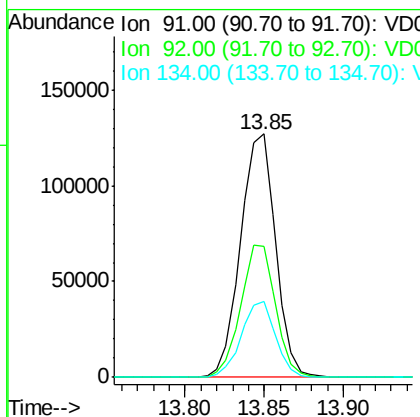
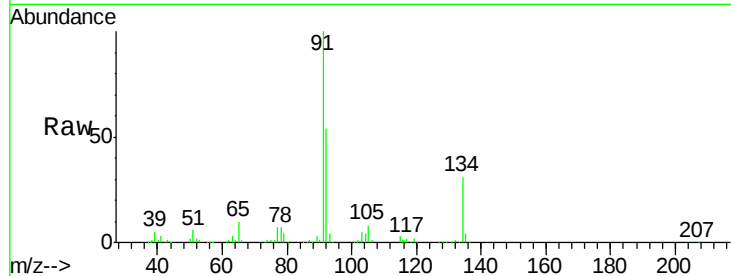
#89
n-Butylbenzene
Concen: 20.835 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	195210		
92	54.0	26.6	79.7	
134	30.4	14.8	44.3	

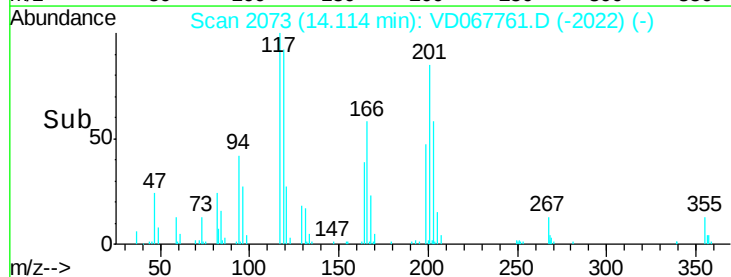
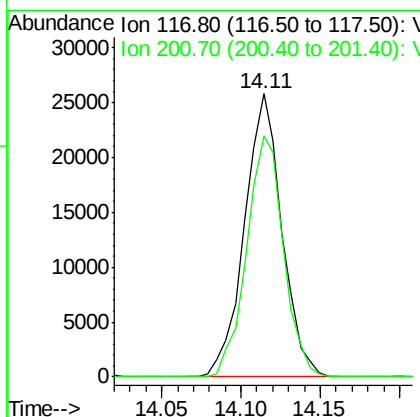
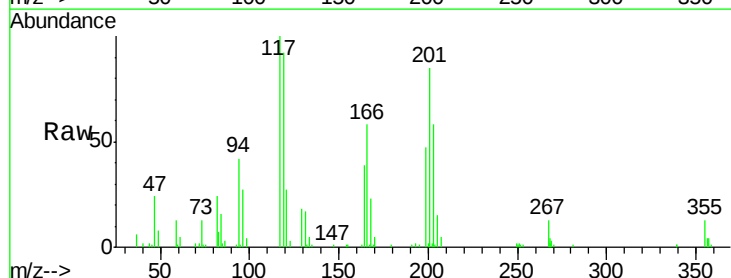
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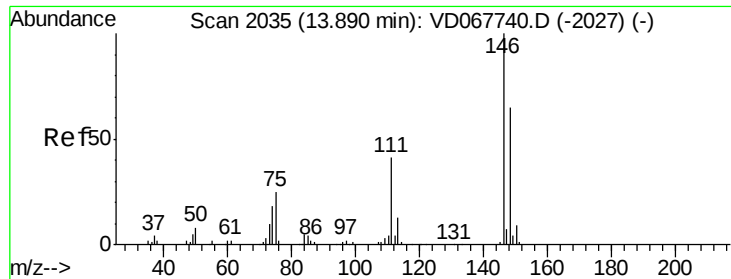
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#90
Hexachloroethane
Concen: 20.299 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42248		
201	83.7	42.2	126.6	





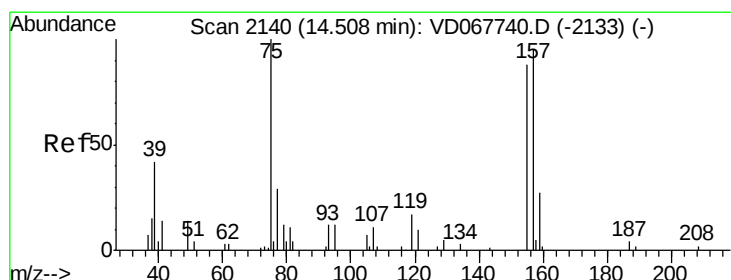
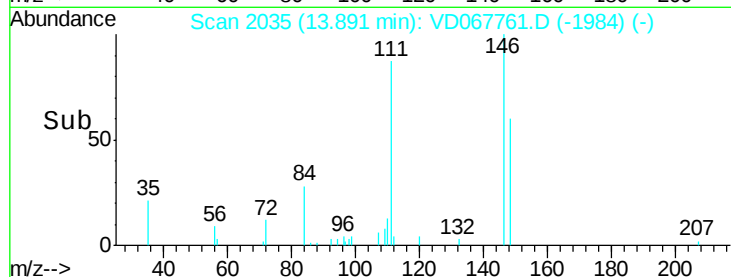
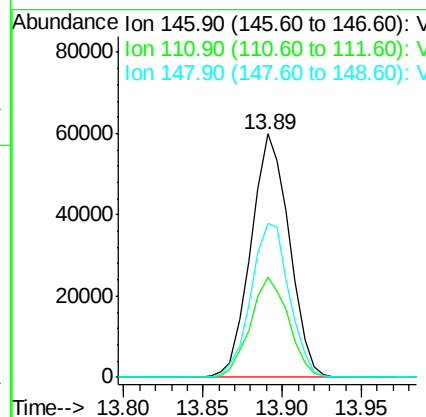
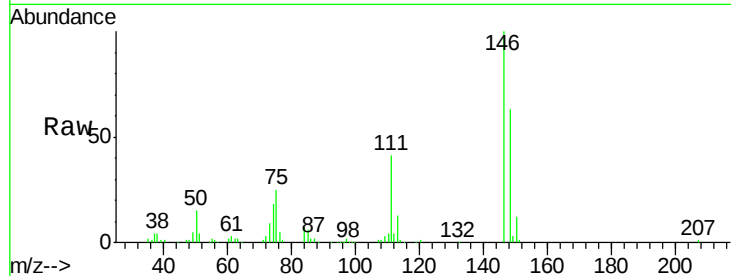
#91
 1,2-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	63.4	32.4	97.2

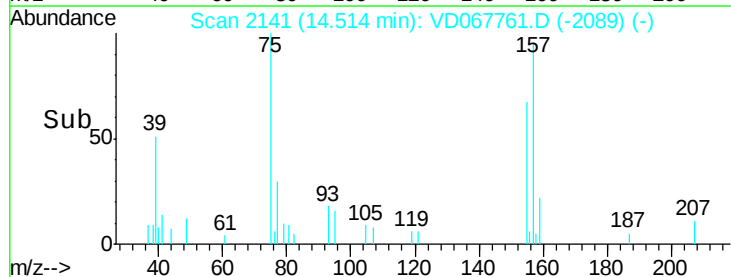
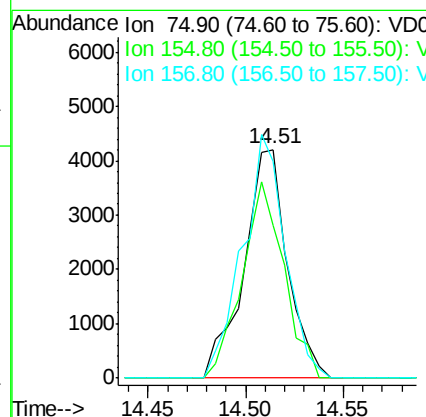
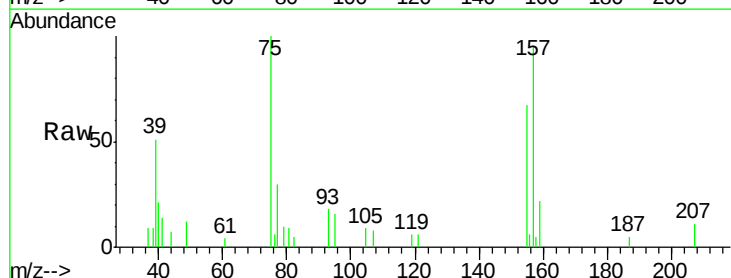
Manual Integrations
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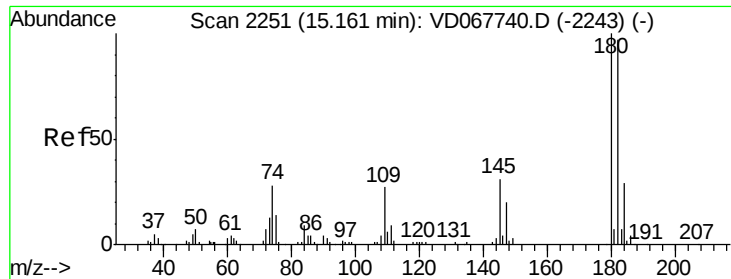
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 11/25/2020 2:01:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.565 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	41.0	123.0
157	104.2	51.1	153.4





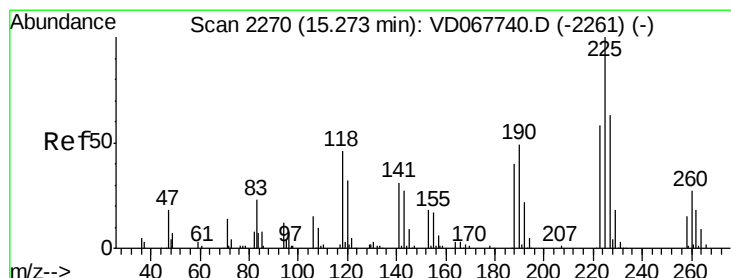
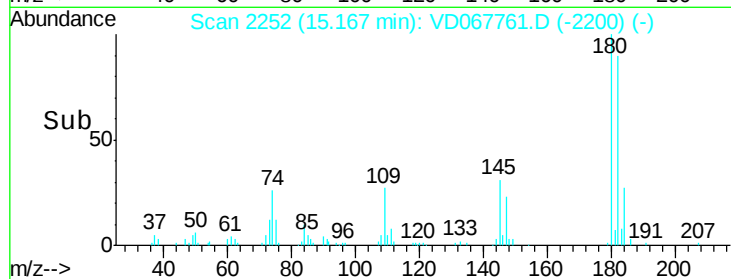
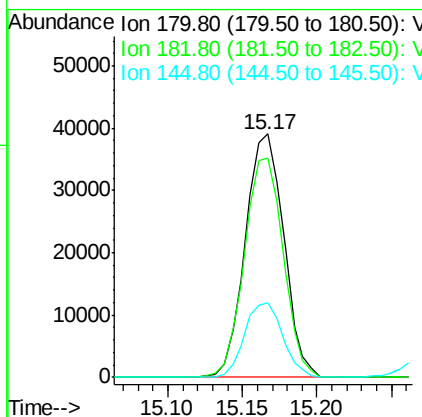
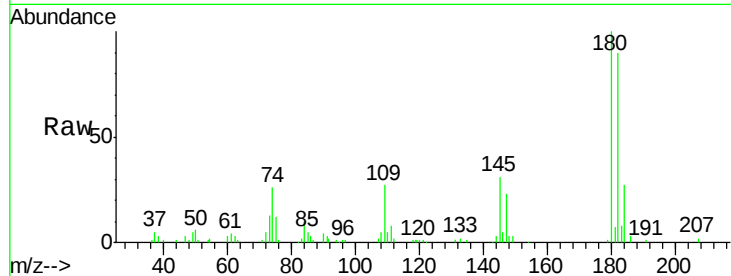
#93
 1,2,4-Trichlorobenzene
 Concen: 20.471 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.4	142.2
145	30.3	16.1	48.3

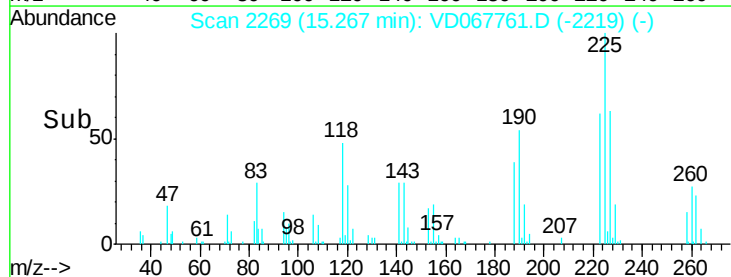
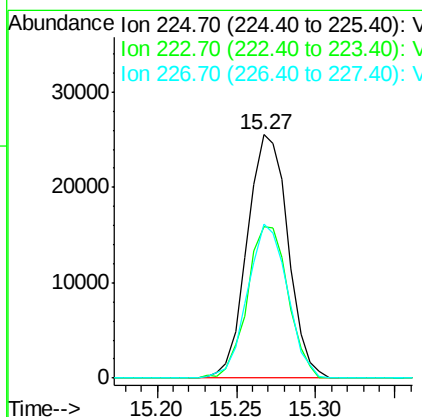
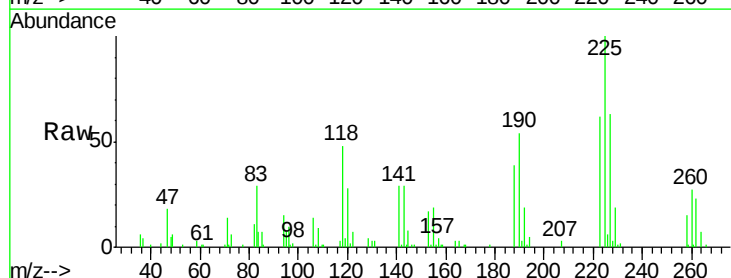
Manual Integrations
 APPROVED

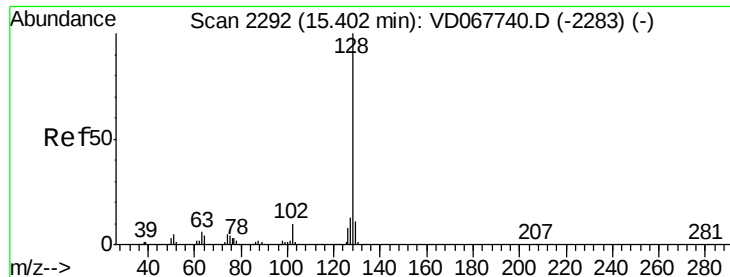
MMDadoda
 11/25/2020 2:01:53 PM



#94
 Hexachlorobutadiene
 Concen: 21.034 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067761.D
 Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	62.2	32.9	98.7





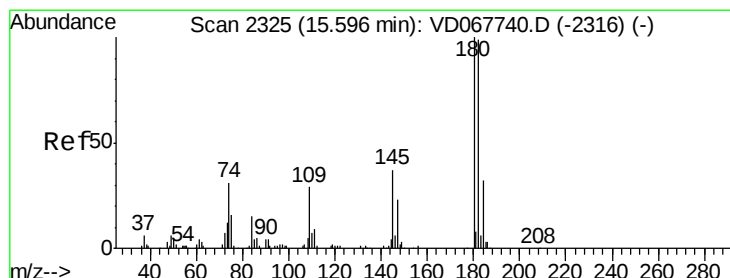
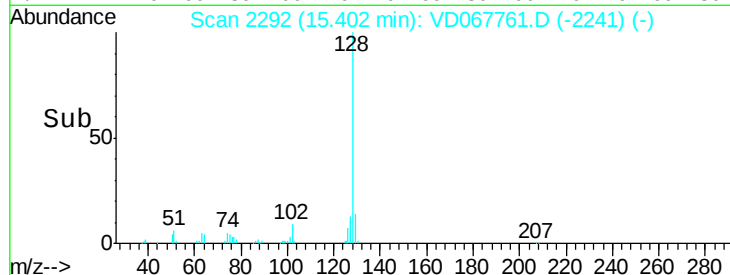
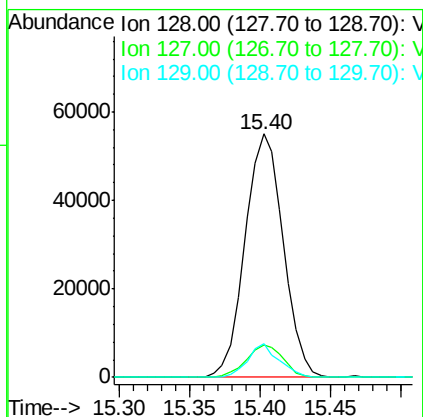
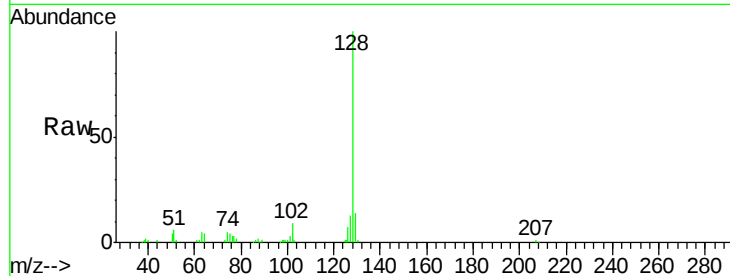
#95
Naphthalene
Concen: 18.985 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/25/2020 2:01:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.035 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067761.D
Acq: 24 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.0	144.0
145	33.4	16.8	50.4

