

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067575.D
 Acq On : 10 Nov 2020 11:54
 Operator : VA/SY
 Sample : VD1110SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Manual Integrations
 APPROVED

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 11/11/2020 1:04:09 PM

Quant Time: Nov 11 00:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	313297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	447155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	412064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	126536	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	7.91	113	134393	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.34	98	456317	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.64	95	164736	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64718	23.070	ug/l	93
3) Chloromethane	2.21	50	39894	20.448	ug/l	97
4) Vinyl Chloride	2.35	62	43923	20.193	ug/l	98
5) Bromomethane	2.76	94	35425	20.094	ug/l	91
6) Chloroethane	2.92	64	27769	20.707	ug/l	96
7) Trichlorofluoromethane	3.27	101	120247	21.351	ug/l	86
8) Diethyl Ether	3.70	74	22687	19.991	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	61124	21.501	ug/l	97
10) Methyl Iodide	4.30	142	57861	18.990	ug/l	99
11) Tert butyl alcohol	5.19	59	23363m	193.323	ug/l	
12) 1,1-Dichloroethene	4.07	96	55473	21.214	ug/l	94
13) Acrolein	3.92	56	6655	76.878	ug/l	87
14) Allyl chloride	4.71	41	57015	20.372	ug/l	97
15) Acrylonitrile	5.41	53	43903	104.656	ug/l	95
16) Acetone	4.16	43	39164	95.536	ug/l	99
17) Carbon Disulfide	4.41	76	161133	20.109	ug/l	96
18) Methyl Acetate	4.71	43	17802	21.015	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	106240	20.597	ug/l	93
20) Methylene Chloride	4.96	84	64565	22.296	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	62368	20.477	ug/l	97
22) Diisopropyl ether	6.36	45	117071	21.466	ug/l	96
23) Vinyl Acetate	6.30	43	299913	105.057	ug/l	98
24) 1,1-Dichloroethane	6.26	63	93176	20.884	ug/l	99
25) 2-Butanone	7.21	43	47461	108.350	ug/l	99
26) 2,2-Dichloropropane	7.21	77	102383	21.743	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	65715	20.787	ug/l	95
28) Bromochloromethane	7.55	49	30997	19.531	ug/l	97
29) Tetrahydrofuran	7.56	42	28899	110.140	ug/l	98
30) Chloroform	7.71	83	114538	21.518	ug/l	99
31) Cyclohexane	7.98	56	83633	21.049	ug/l #	86
32) 1,1,1-Trichloroethane	7.90	97	117868	21.462	ug/l	98
36) 1,1-Dichloropropene	8.11	75	83588	21.838	ug/l	99
37) Ethyl Acetate	7.29	43	21928	22.067	ug/l	94
38) Carbon Tetrachloride	8.10	117	115920	23.310	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	98421	21.847	ug/l	100
40) Benzene	8.35	78	227898	21.981	ug/l	96
41) Methacrylonitrile	7.53	41	14455	24.336	ug/l #	66
42) 1,2-Dichloroethane	8.43	62	70296	21.944	ug/l	97
43) Isopropyl Acetate	8.46	43	41929	21.335	ug/l	94
44) Trichloroethene	9.11	130	74825	21.949	ug/l	90
45) 1,2-Dichloropropane	9.39	63	50447	22.505	ug/l	98
46) Dibromomethane	9.48	93	30299	21.258	ug/l	93
47) Bromodichloromethane	9.66	83	85186	21.989	ug/l	95
48) Methyl methacrylate	9.46	41	20990	20.686	ug/l	89
49) 1,4-Dioxane	9.47	88	6445	445.431	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	105500	112.248	ug/l	98
52) Toluene	10.41	92	155664	22.416	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	73684	22.208	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	86864	22.035	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	42198	22.376	ug/l	97
56) Ethyl methacrylate	10.67	69	43726	22.453	ug/l	96
57) 1,3-Dichloropropane	10.95	76	65884	21.711	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	93625	103.094	ug/l	97
59) 2-Hexanone	10.98	43	71829	109.301	ug/l	98
60) Dibromochloromethane	11.14	129	62611	22.444	ug/l	100
61) 1,2-Dibromoethane	11.25	107	42575	22.494	ug/l	99
64) Tetrachloroethene	10.88	164	68599	22.479	ug/l	95
65) Chlorobenzene	11.67	112	172592	21.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	68938	22.036	ug/l	98
67) Ethyl Benzene	11.75	91	300980	22.159	ug/l	99
68) m/p-Xylenes	11.86	106	234914	44.456	ug/l	100
69) o-Xylene	12.18	106	101961	21.612	ug/l	97
70) Styrene	12.20	104	181867	22.122	ug/l	98
71) Bromoform	12.36	173	36613	22.947	ug/l #	99
73) Isopropylbenzene	12.48	105	294654	21.956	ug/l	97
74) N-amyl acetate	12.29	43	39930	22.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	40631	22.202	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	25628m	20.458	ug/l	
77) Bromobenzene	12.77	156	74155	22.499	ug/l	97
78) n-propylbenzene	12.83	91	347624	22.646	ug/l	99
79) 2-Chlorotoluene	12.91	91	195159	22.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	260722	22.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13499	21.878	ug/l	97
82) 4-Chlorotoluene	13.01	91	214370	22.922	ug/l	98
83) tert-Butylbenzene	13.23	119	221126	22.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	260320	22.812	ug/l	100
85) sec-Butylbenzene	13.41	105	300477	22.909	ug/l	100
86) p-Isopropyltoluene	13.52	119	284291	22.445	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	137407	21.849	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	140473	22.059	ug/l	98
89) n-Butylbenzene	13.85	91	244843	22.380	ug/l	99
90) Hexachloroethane	14.11	117	53209	22.308	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	121985	22.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7657	23.632	ug/l	94

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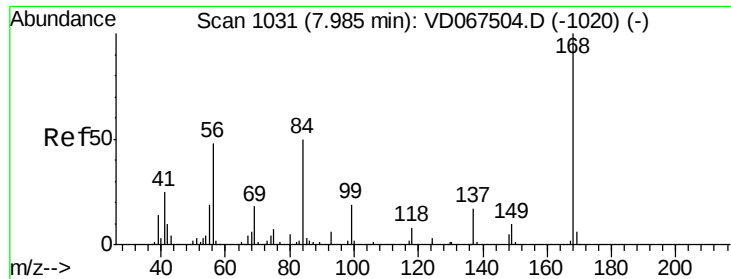
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82154	22.239	ug/l	97
94) Hexachlorobutadiene	15.27	225	56103	22.692	ug/l	94
95) Naphthalene	15.41	128	124582	21.852	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	68941	21.793	ug/l	100

(#) = 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: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion:168 Resp: 313297

Ion Ratio Lower Upper

168 100

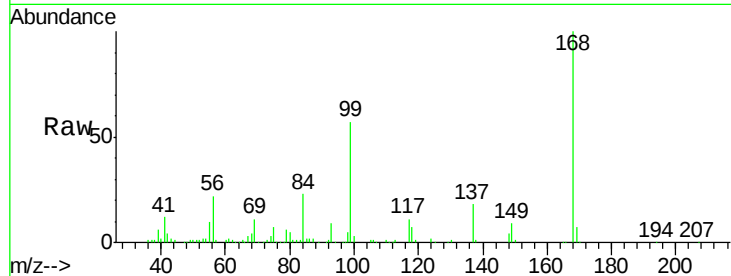
99 56.7 45.0 67.6

Manual Integrations

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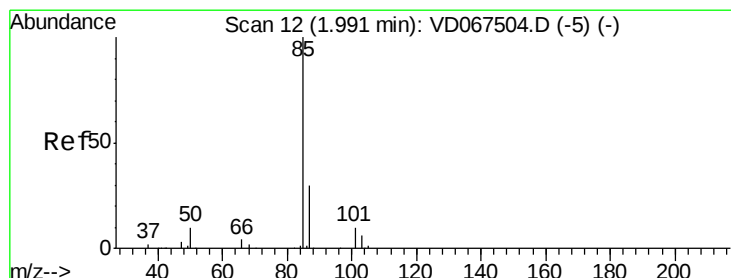
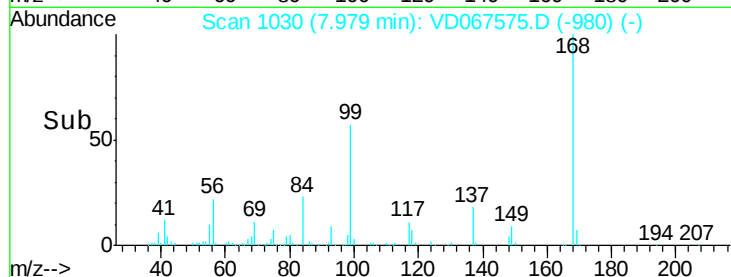
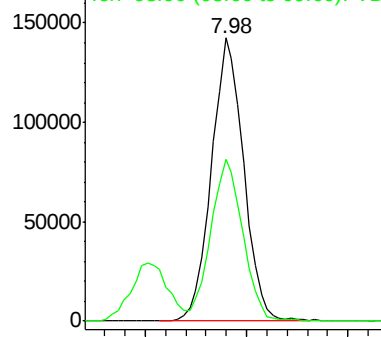
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.070 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067575.D

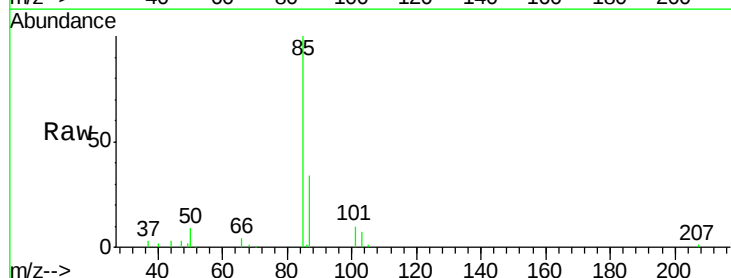
Acq: 10 Nov 2020 11:54

Tgt Ion: 85 Resp: 64718

Ion Ratio Lower Upper

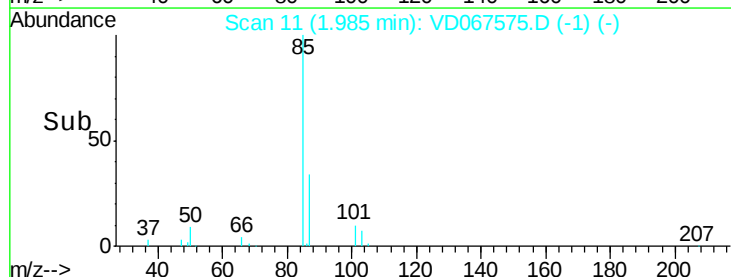
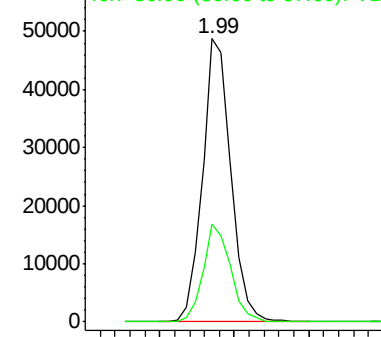
85 100

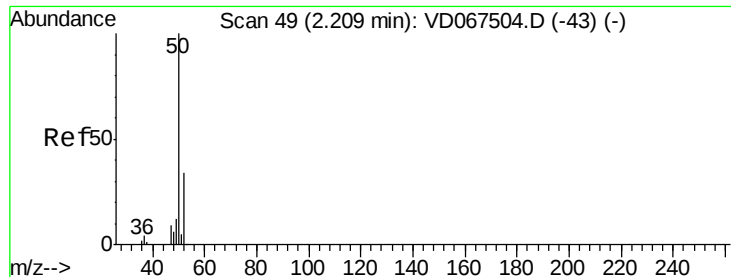
87 34.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.448 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 50 Resp: 39894

Ion Ratio Lower Upper

50 100

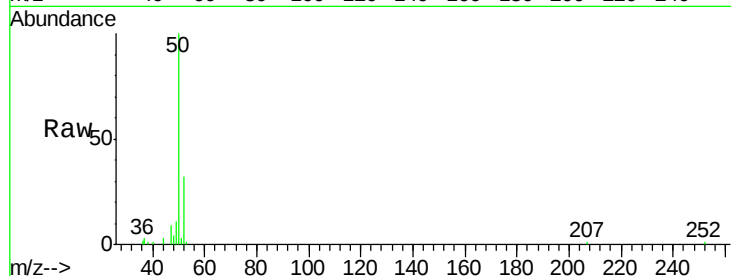
52 32.2 27.3 40.9

Manual Integrations

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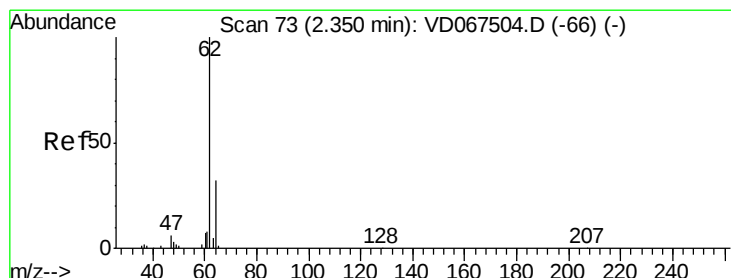
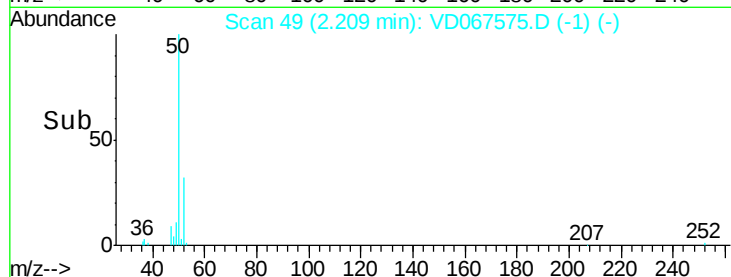
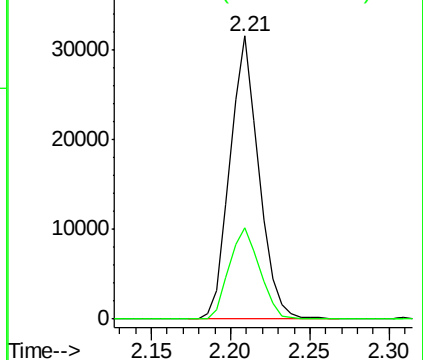
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.193 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067575.D

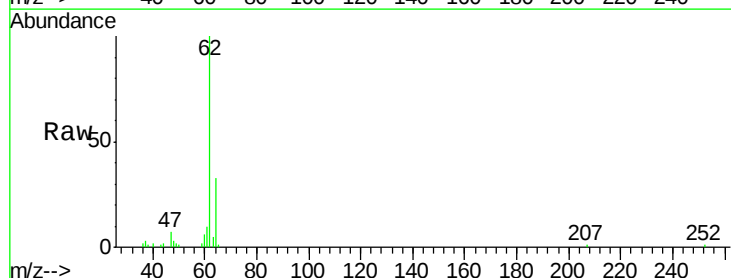
Acq: 10 Nov 2020 11:54

Tgt Ion: 62 Resp: 43923

Ion Ratio Lower Upper

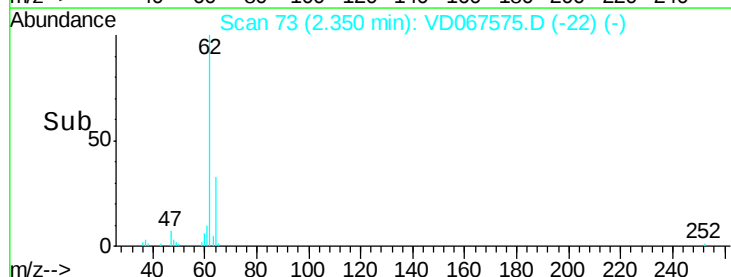
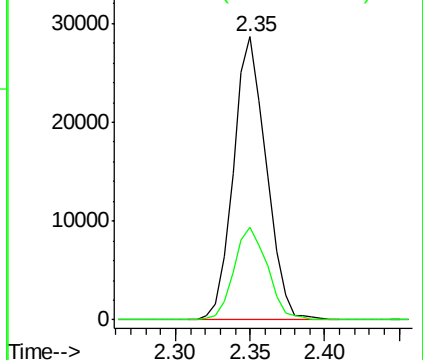
62 100

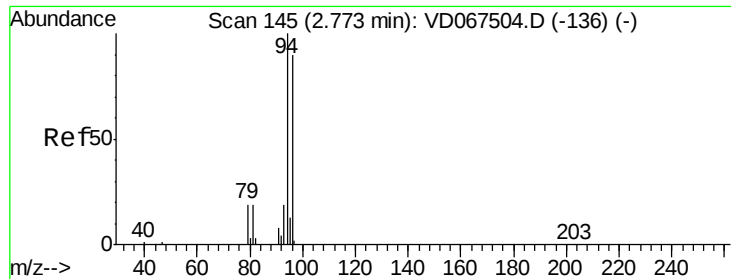
64 32.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.094 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 94 Resp: 35425

Ion Ratio Lower Upper

94 100

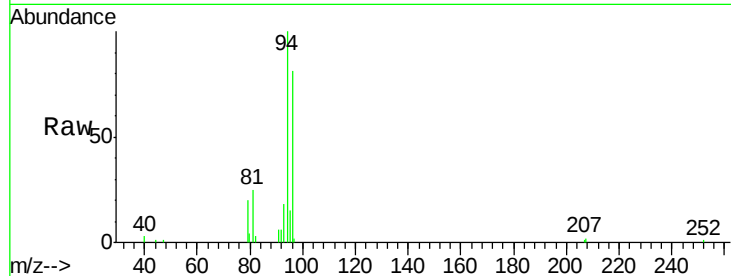
96 81.3 72.2 108.2

Manual Integrations

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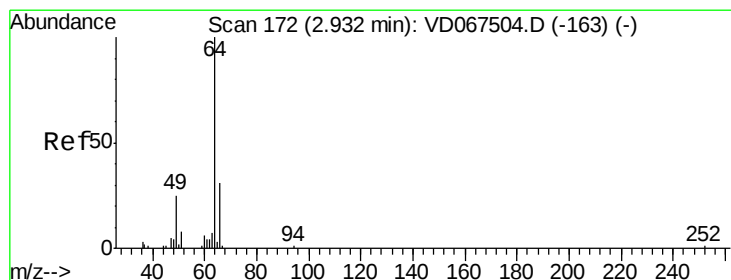
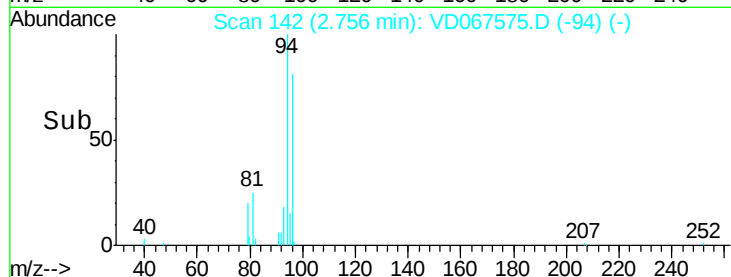
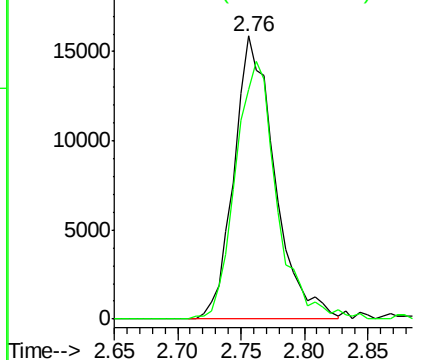
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.707 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067575.D

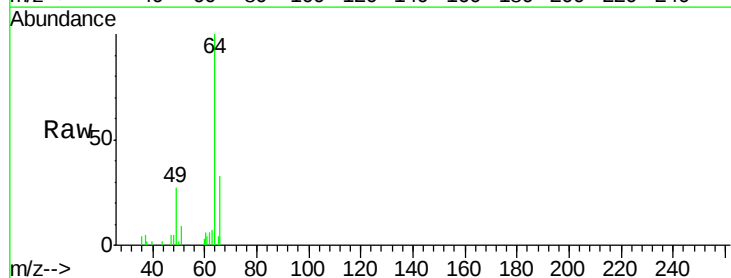
Acq: 10 Nov 2020 11:54

Tgt Ion: 64 Resp: 27769

Ion Ratio Lower Upper

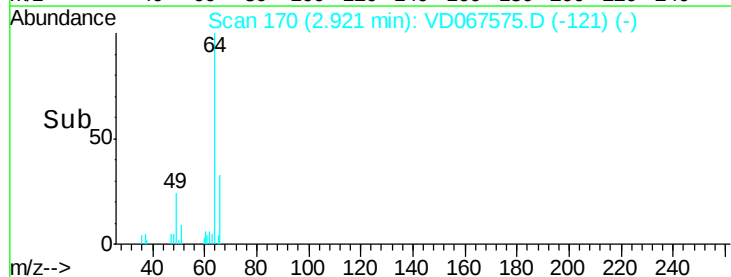
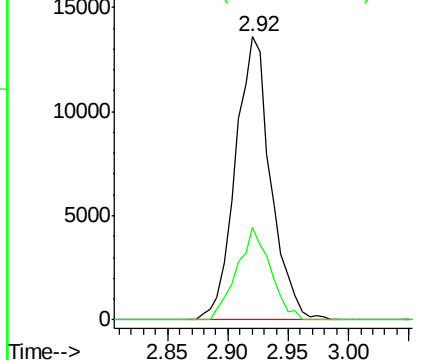
64 100

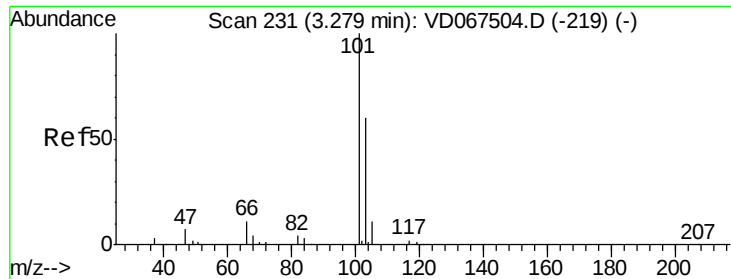
66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

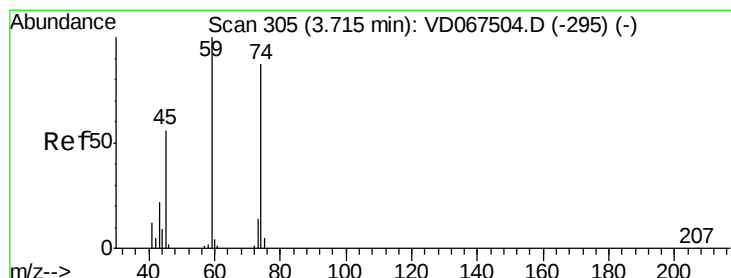
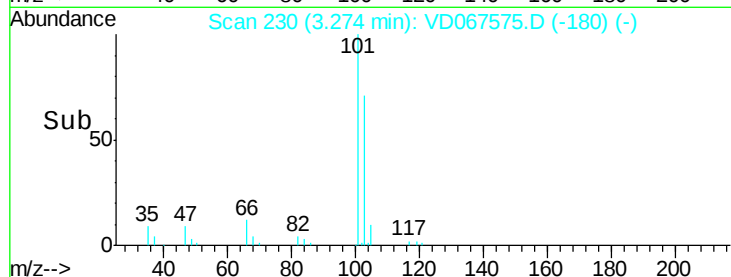
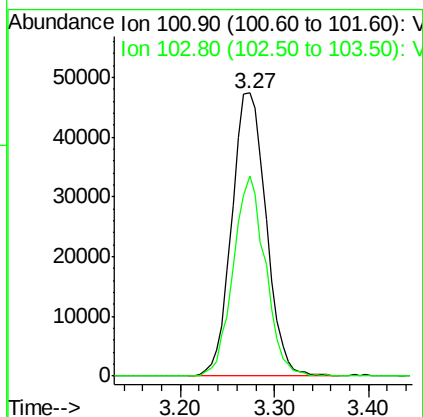
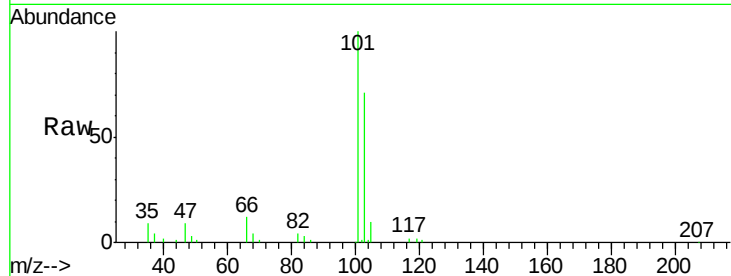
Trichlorofluoromethane
 Concen: 21.351 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
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 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.6	48.1	72.1

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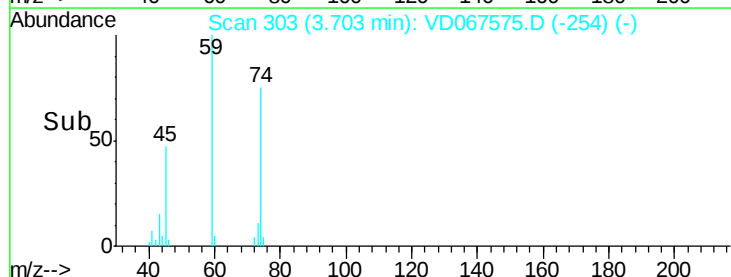
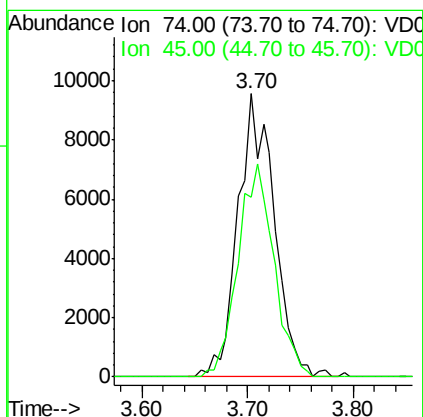
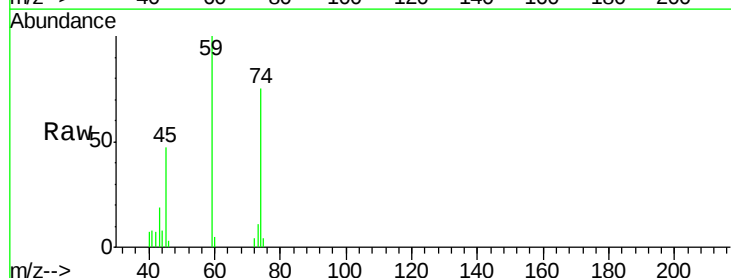
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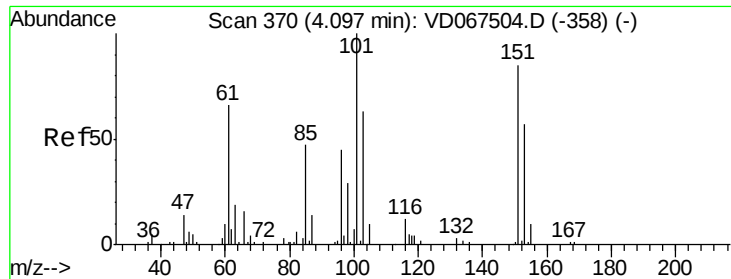


#8

Diethyl Ether
 Concen: 19.991 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.5	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.501 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067575.D

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MSVOA_D

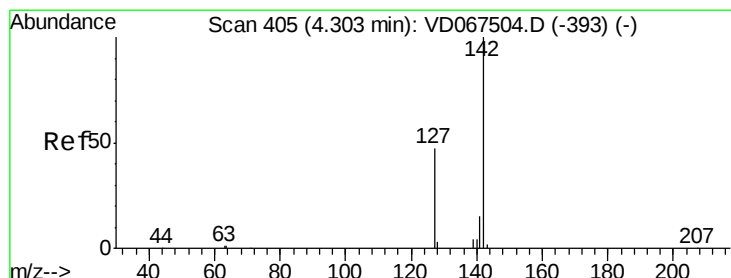
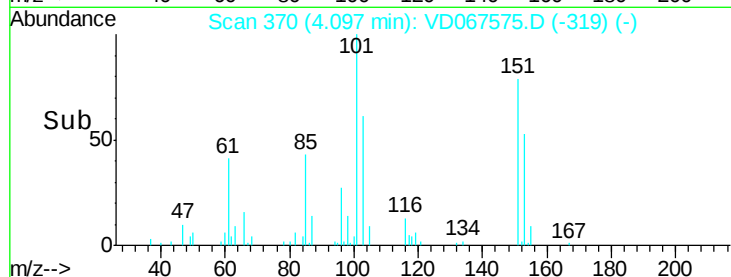
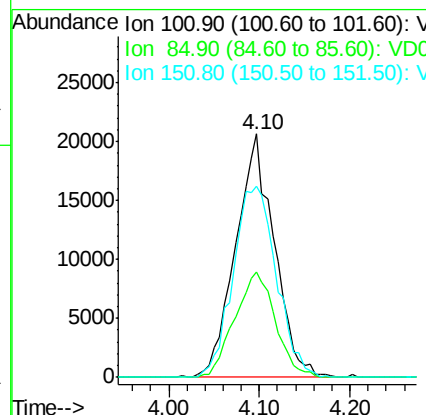
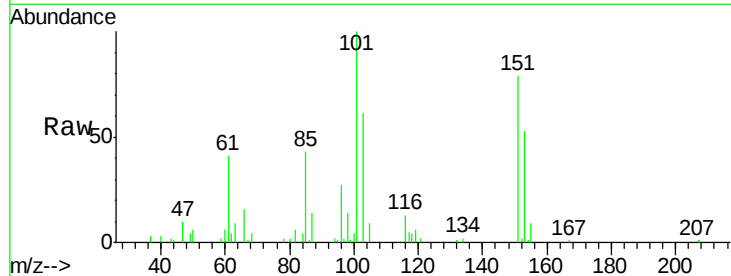
ClientSampleId :

VD1110SBS01

Tot Ion:	101	Resp:	61124
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.4	51.6
151	88.0	68.1	102.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.990 ug/l

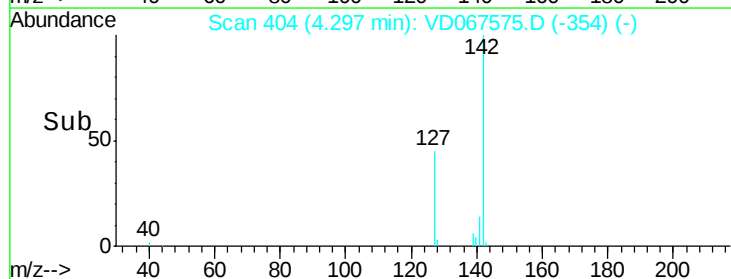
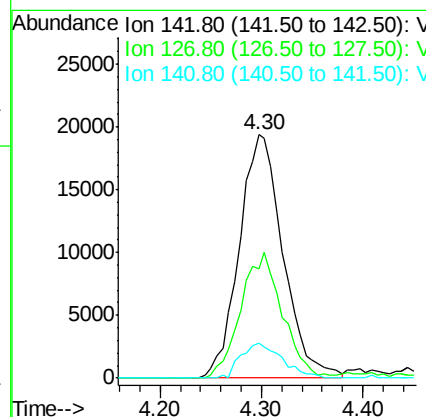
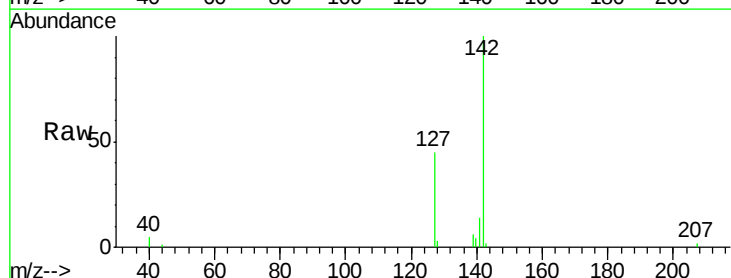
RT: 4.30 min Scan# 404

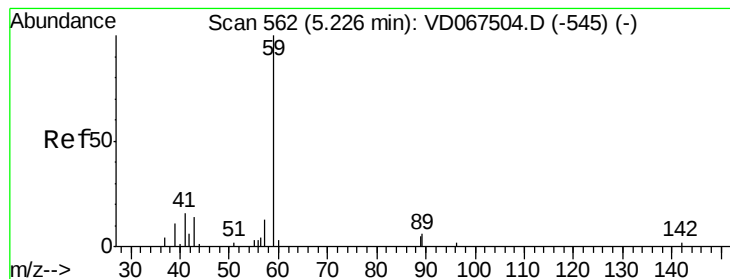
Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion:	142	Resp:	57861
Ion Ratio	Lower	Upper	
142	100		
127	49.4	40.0	60.0
141	13.6	11.7	17.5





#11

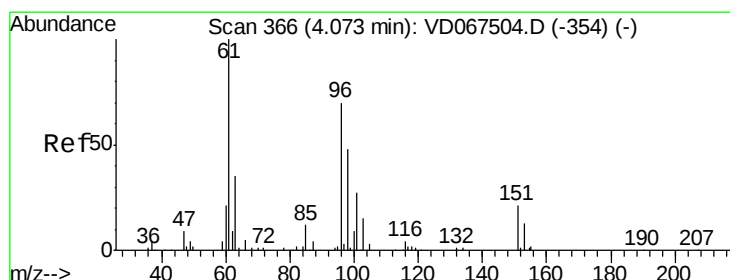
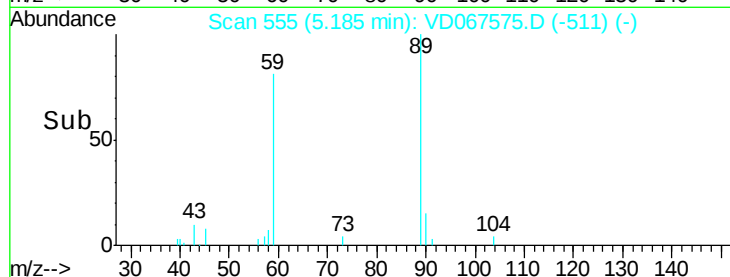
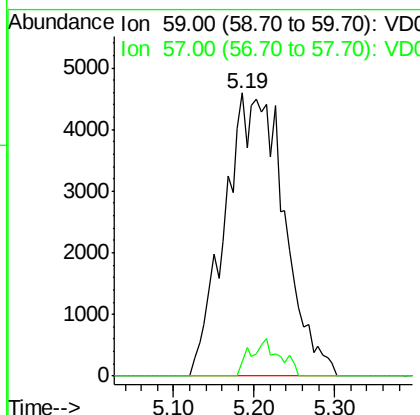
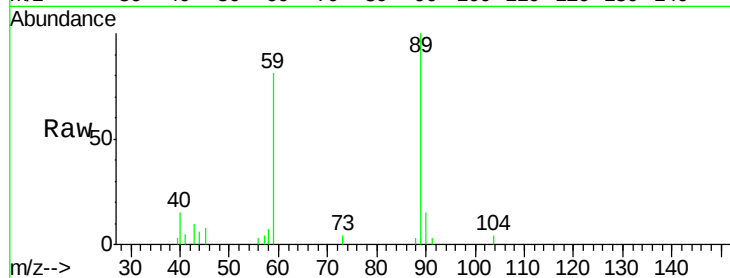
Tert butyl alcohol
 Concen: 193.323 ug/l m
 RT: 5.19 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		23363		
57	0.0		5.9		8.9#

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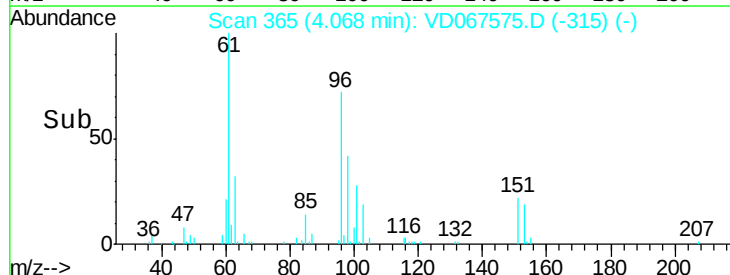
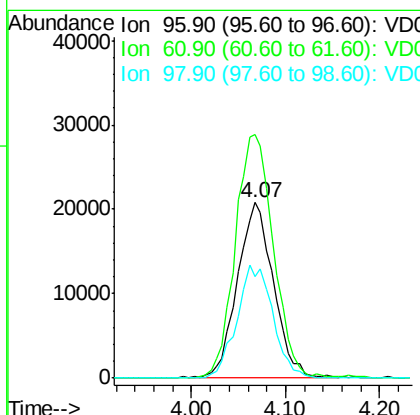
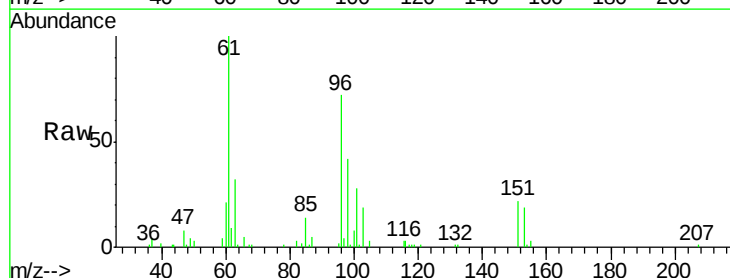
MMDadoda
 11/11/2020 1:04:09 PM

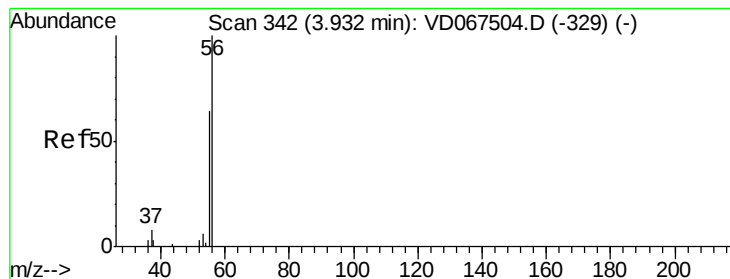


#12

1,1-Dichloroethene
 Concen: 21.214 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		55473		
61	138.6		114.5		171.7
98	58.1		54.5		81.7





#13

Acrolein

Concen: 76.878 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 56 Resp: 6655

Ion Ratio Lower Upper

56 100

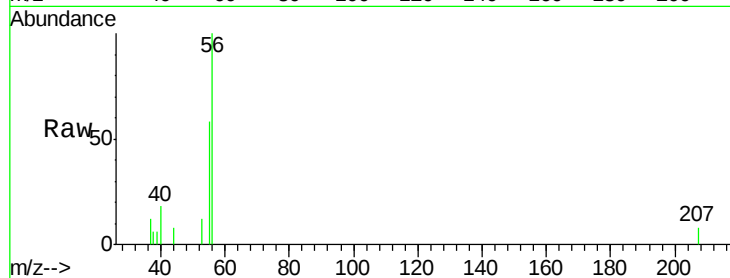
55 58.9 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

2500

2000

1500

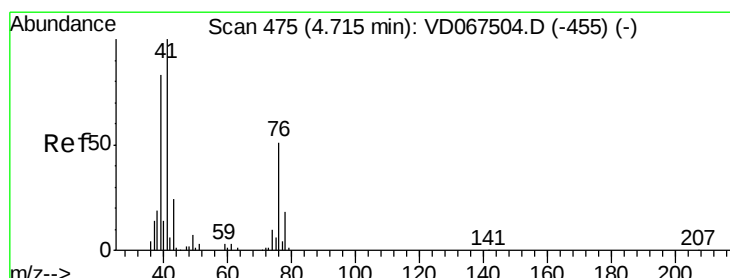
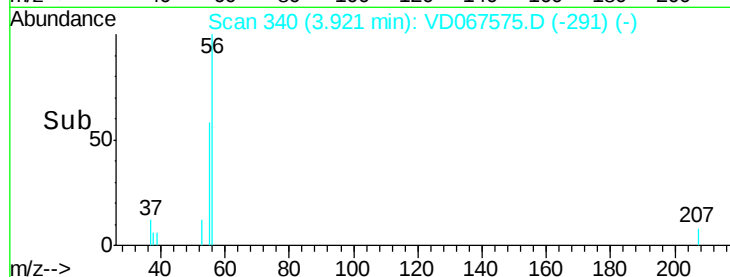
1000

500

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 20.372 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

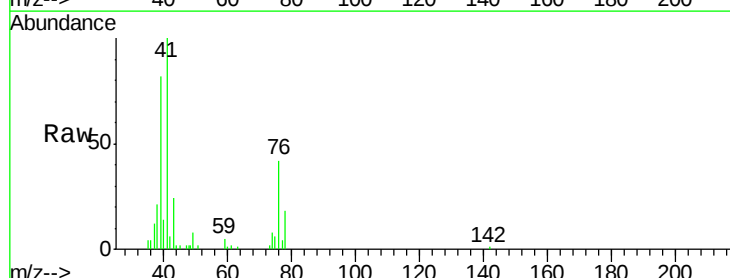
Tgt Ion: 41 Resp: 57015

Ion Ratio Lower Upper

41 100

39 82.3 67.4 101.0

76 50.5 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

25000

20000

15000

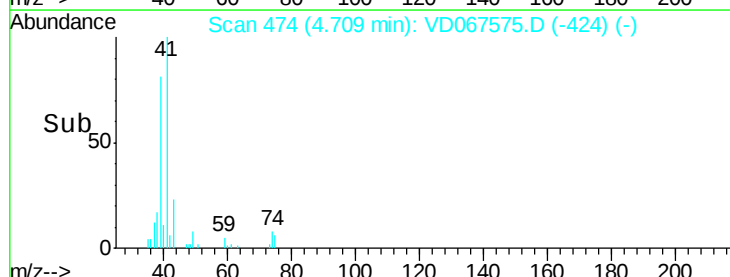
10000

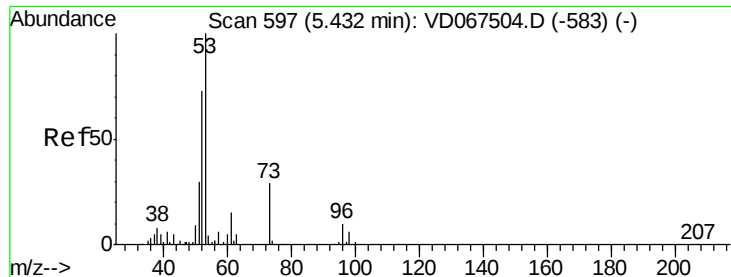
5000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 104.656 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

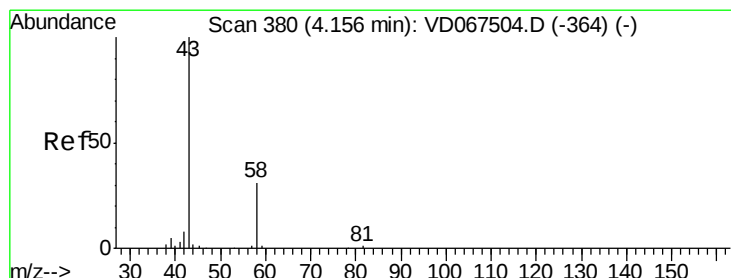
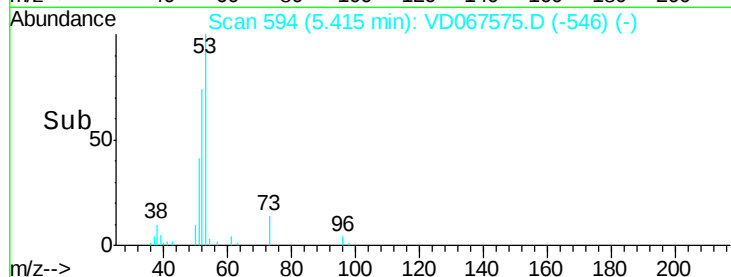
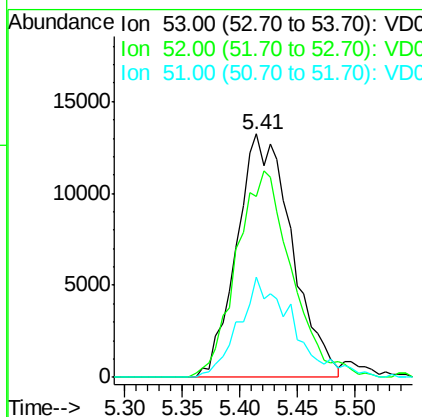
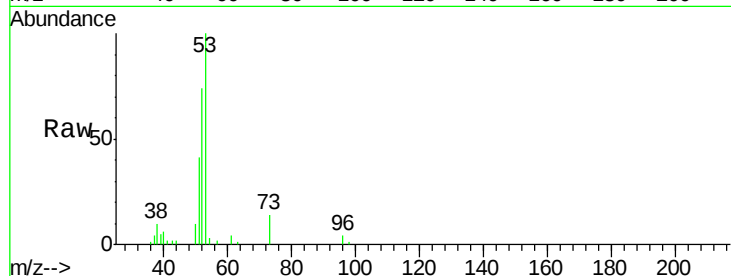
ClientSampleId :

VD1110SBS01

Tot Ion:	53	Resp:	43903
Ion	Ratio	Lower	Upper
53	100		
52	85.3	64.8	97.2
51	40.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 95.536 ug/l

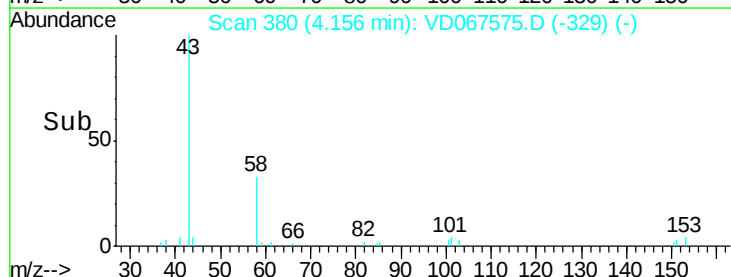
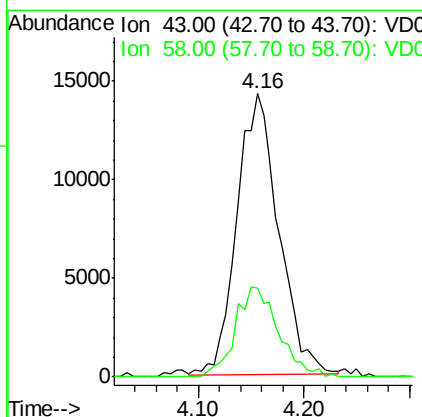
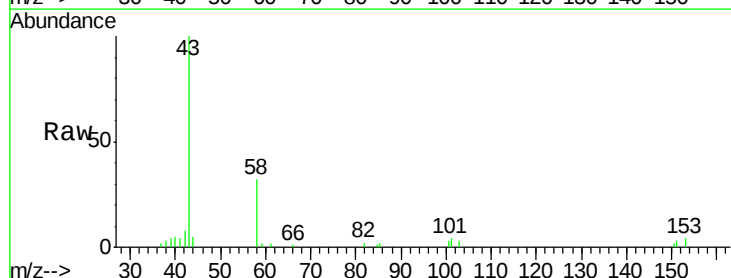
RT: 4.16 min Scan# 380

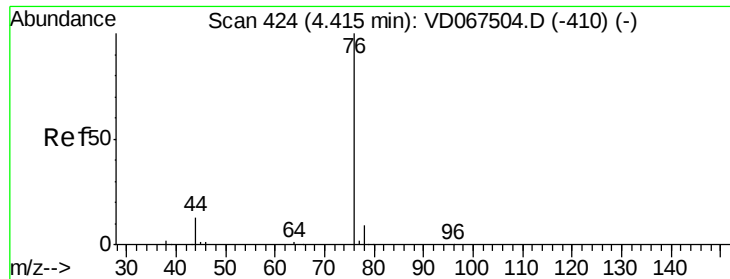
Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion:	43	Resp:	39164
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.2	37.8





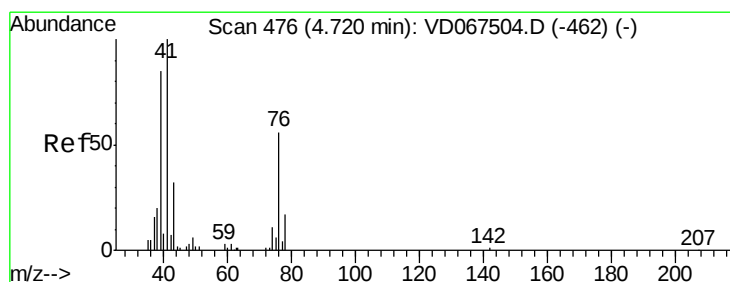
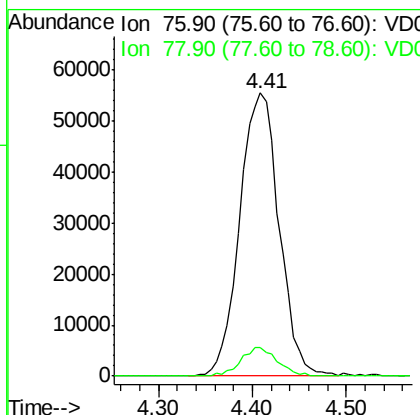
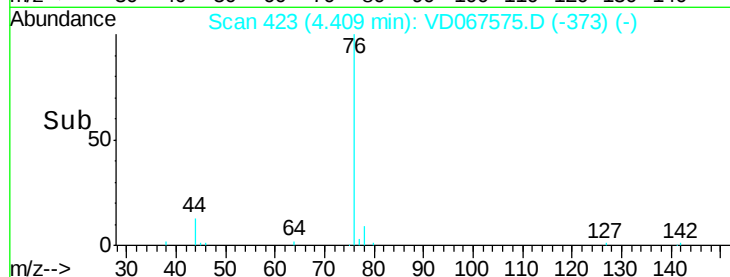
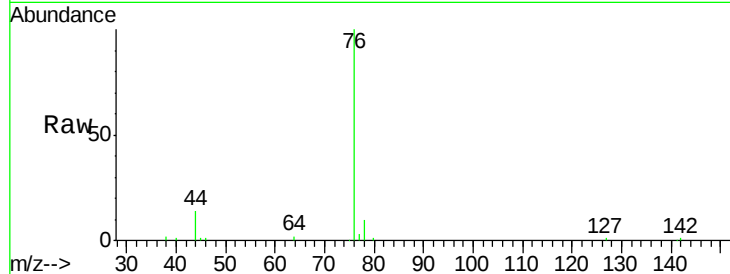
#17
Carbon Disulfide
Concen: 20.109 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 76 Resp: 161133
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

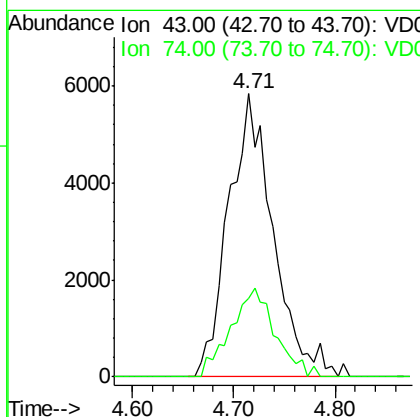
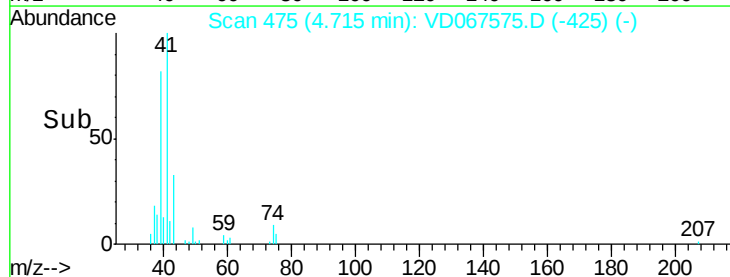
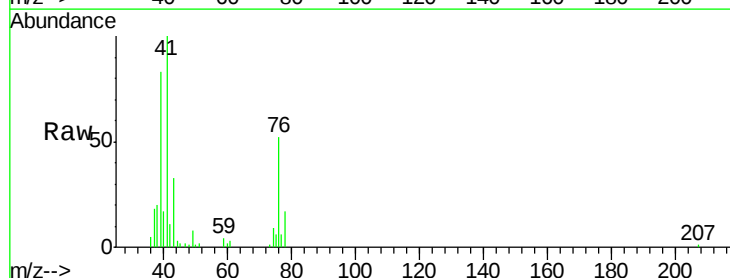
Manual Integrations
APPROVED

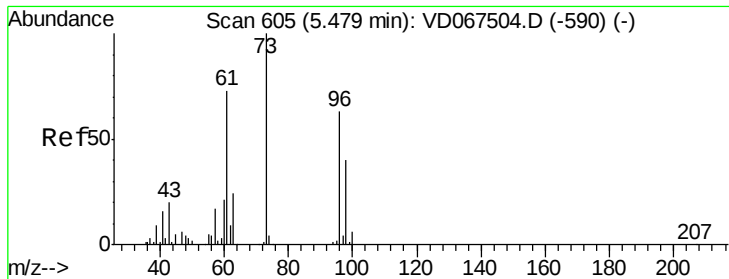
MMDadoda
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#18
Methyl Acetate
Concen: 21.015 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 43 Resp: 17802
Ion Ratio Lower Upper
43 100
74 31.4 27.2 40.8





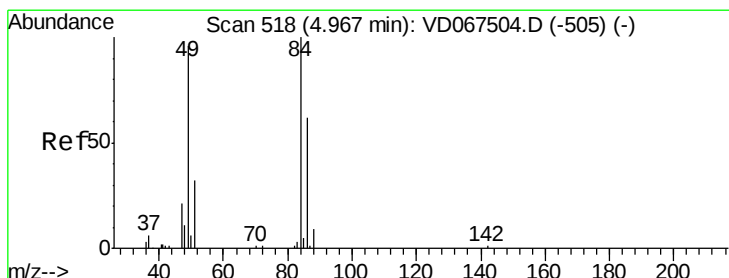
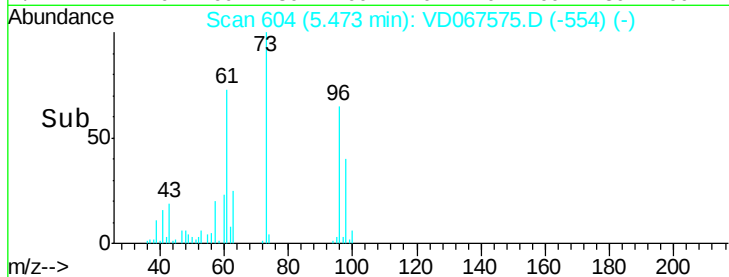
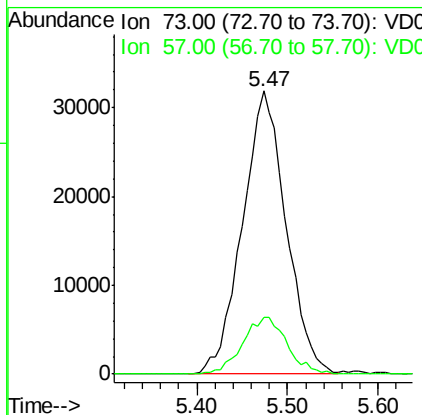
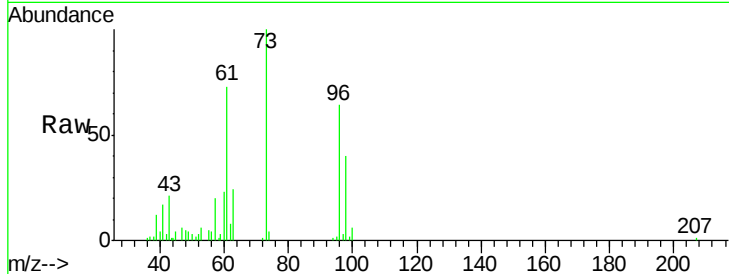
#19
Methyl tert-butyl Ether
Concen: 20.597 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 73 Resp: 106240
Ion Ratio Lower Upper
73 100
57 19.9 13.4 20.0

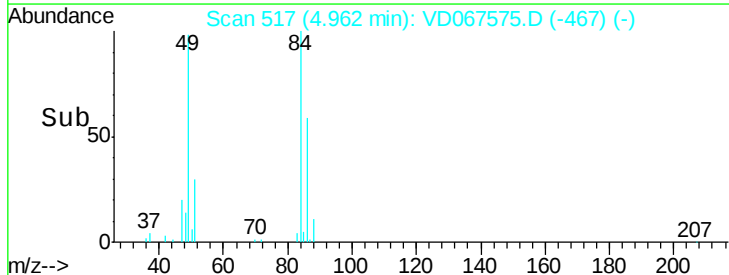
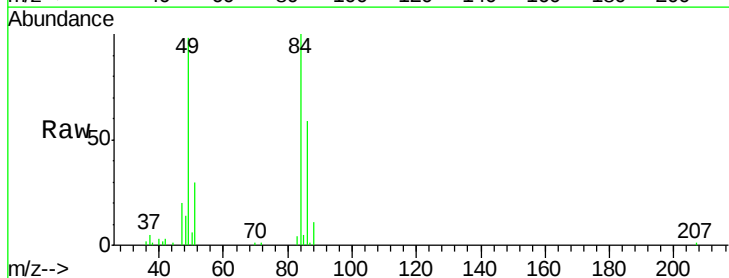
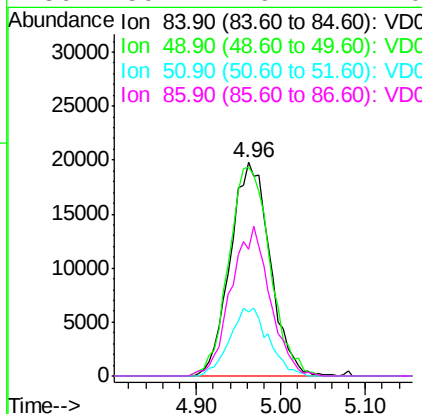
Manual Integrations
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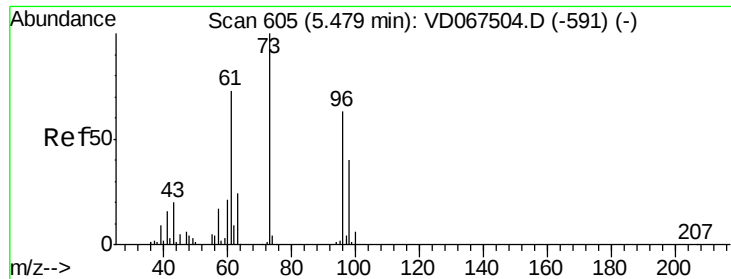
MMDadoda
11/11/2020 1:04:09 PM



#20
Methylene Chloride
Concen: 22.296 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 84 Resp: 64565
Ion Ratio Lower Upper
84 100
49 97.7 77.0 115.4
51 30.2 25.4 38.2
86 59.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.477 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

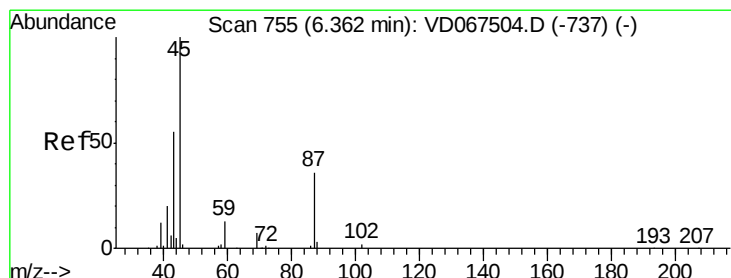
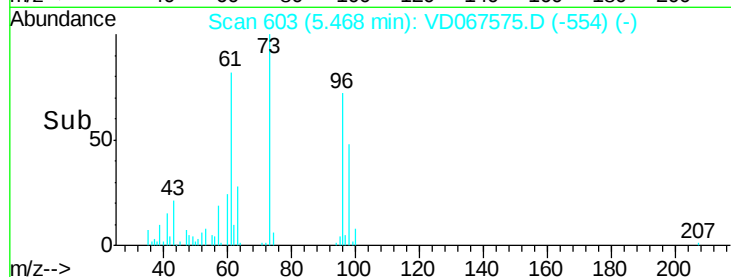
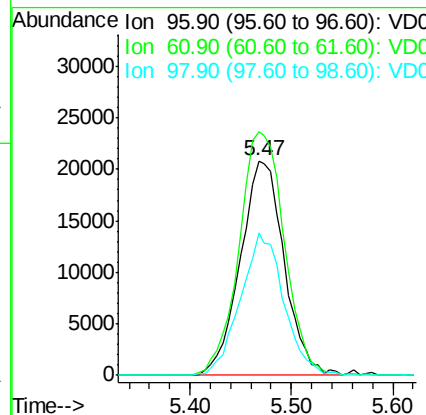
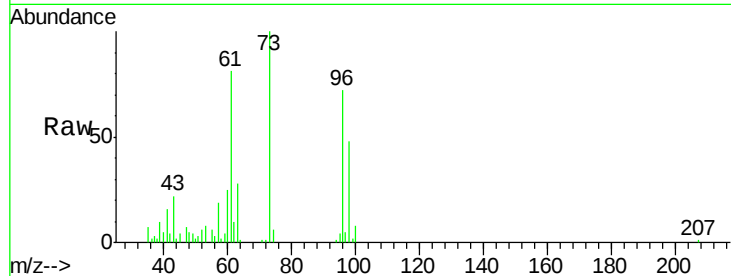
ClientSampleId :

VD1110SBS01

Tot Ion:	96	Resp:	62368
Ion	Ratio	Lower	Upper
96	100		
61	113.5	93.0	139.6
98	66.4	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.466 ug/l

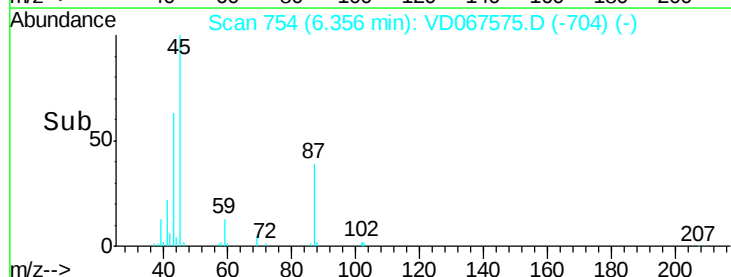
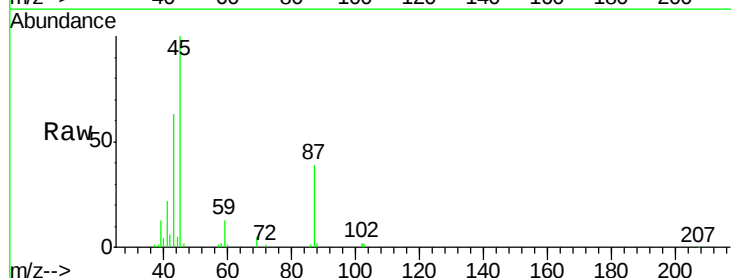
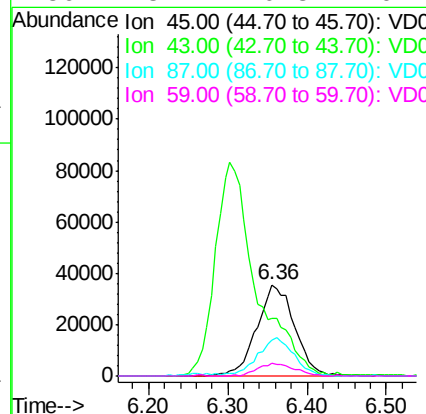
RT: 6.36 min Scan# 754

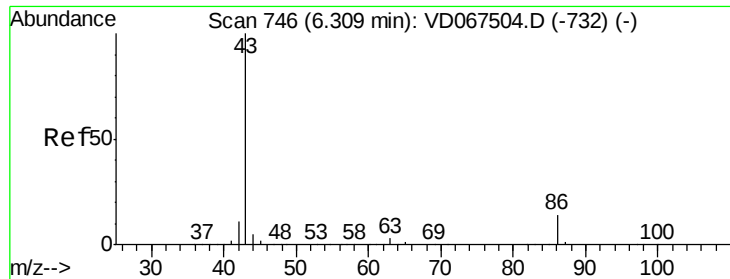
Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion:	45	Resp:	117071
Ion	Ratio	Lower	Upper
45	100		
43	61.8	46.2	69.4
87	38.6	29.4	44.2
59	13.4	10.8	16.2





#23

Vinyl Acetate

Concen: 105.057 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 43 Resp: 299913

Ion Ratio Lower Upper

43 100

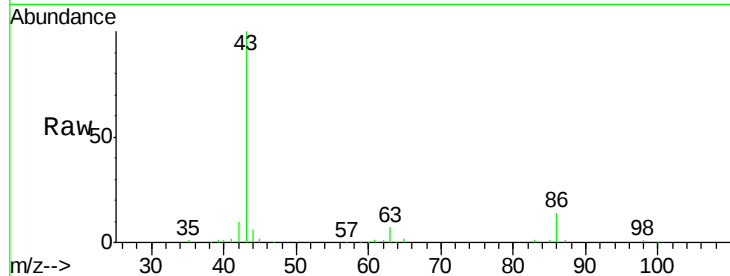
86 13.5 11.6 17.4

Manual Integrations

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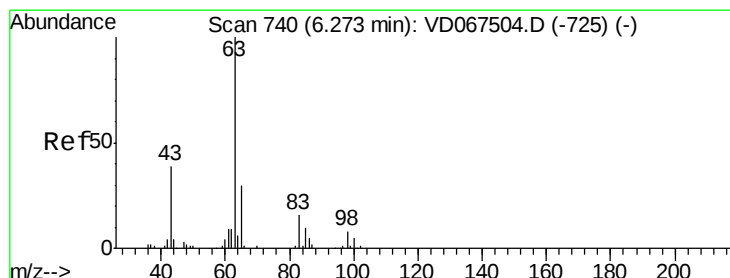
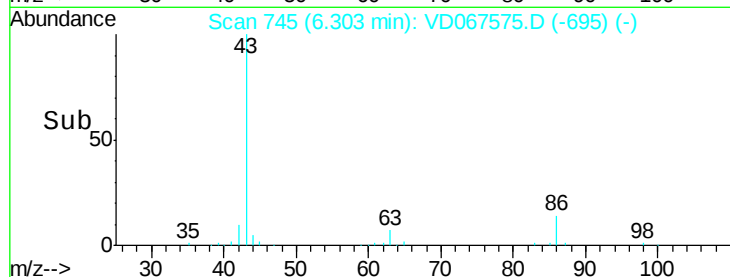
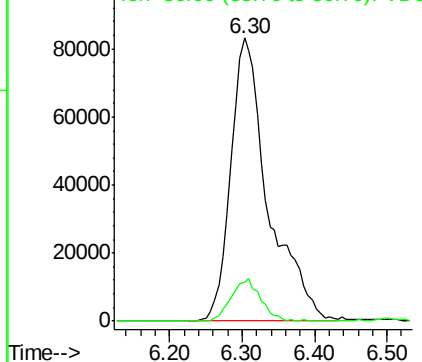
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.884 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

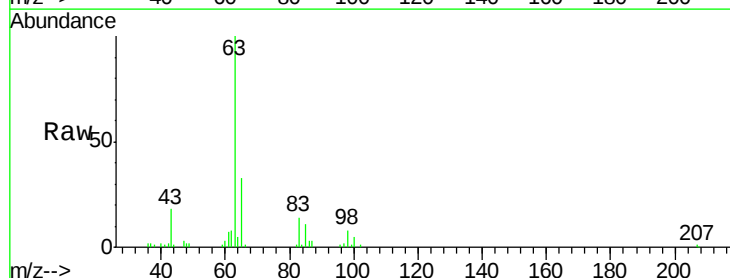
Tgt Ion: 63 Resp: 93176

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

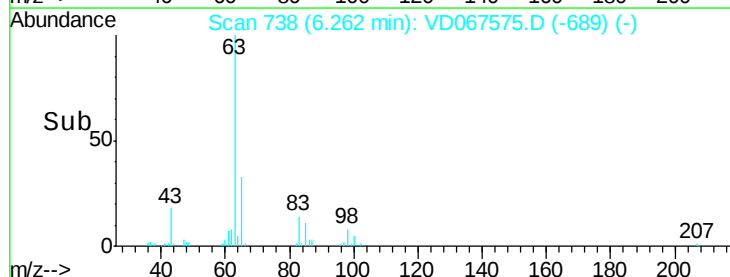
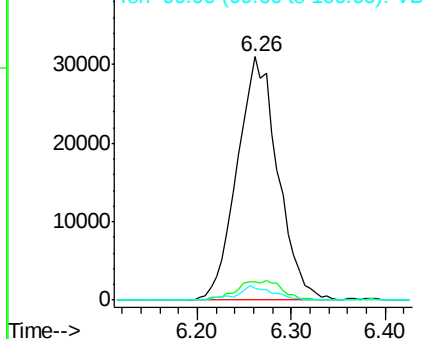
100 4.7 2.6 7.8

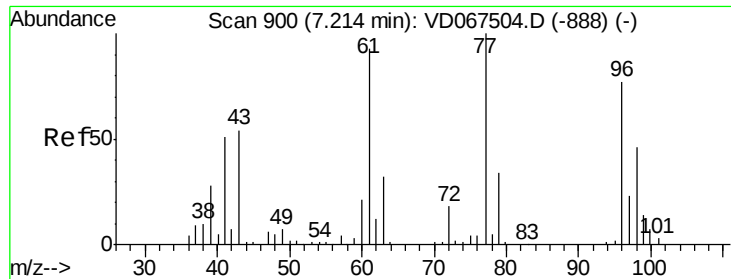


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





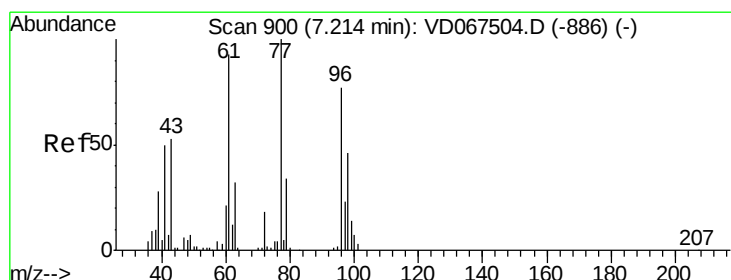
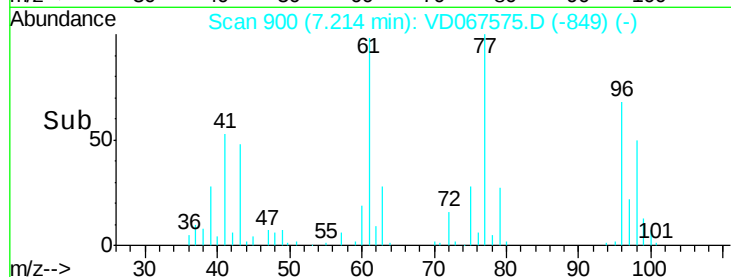
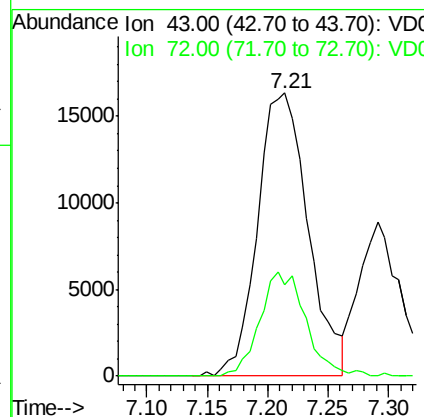
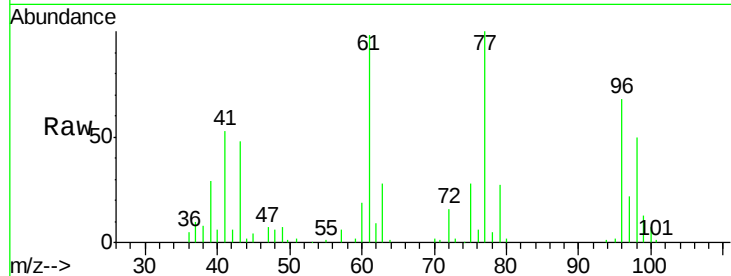
#25
2-Butanone
Concen: 108.350 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 43 Resp: 47461
Ion Ratio Lower Upper
43 100
72 32.4 26.4 39.6

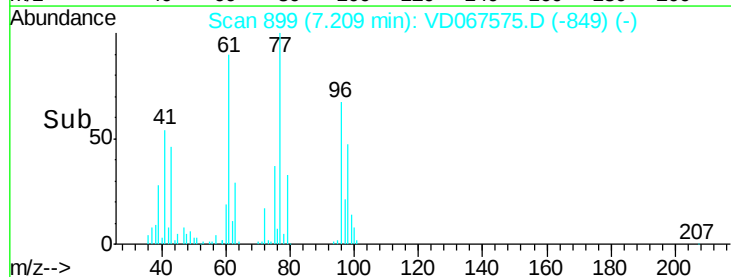
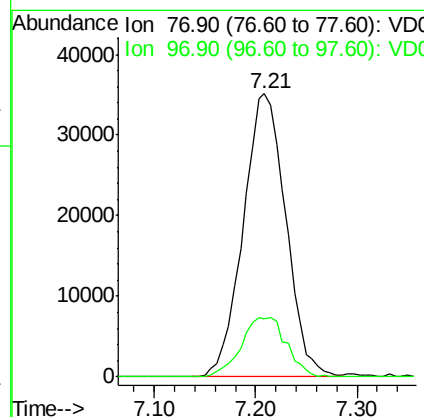
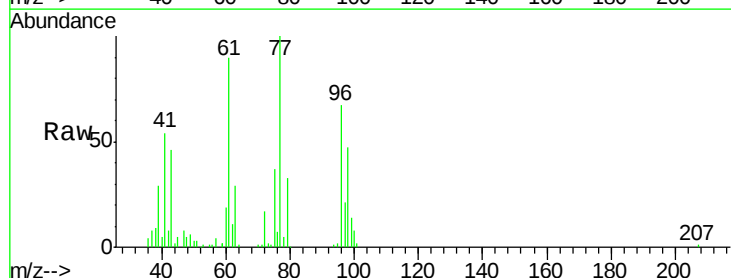
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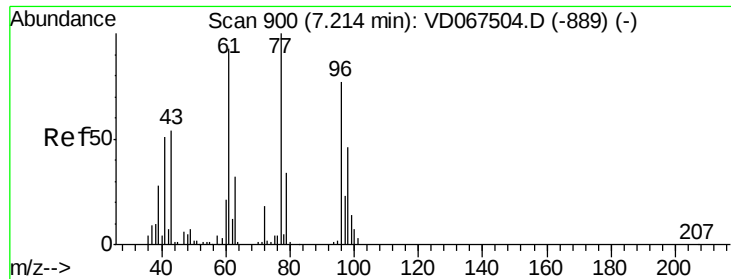
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#26
2,2-Dichloropropane
Concen: 21.743 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 77 Resp: 102383
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.3





#27

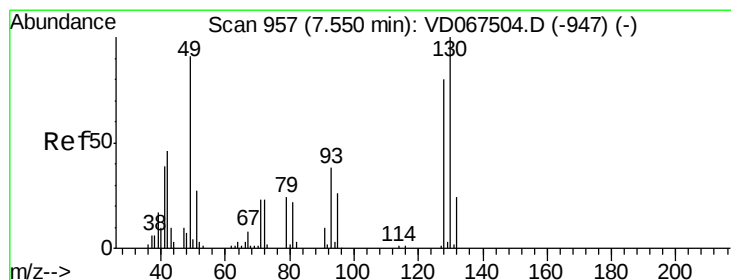
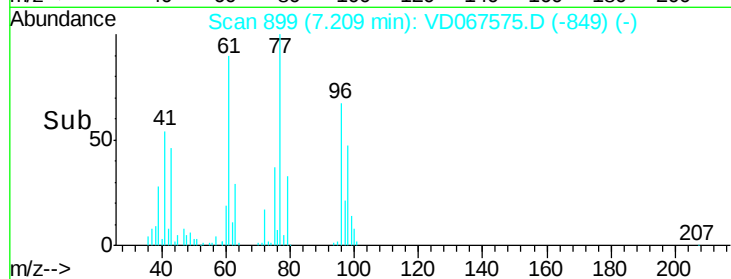
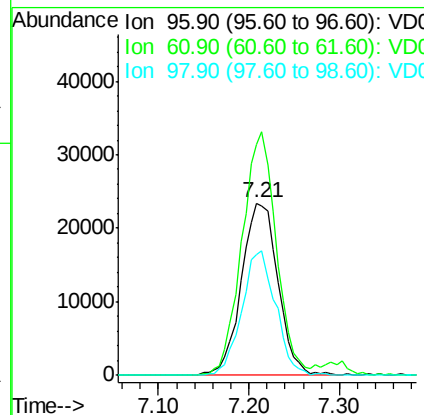
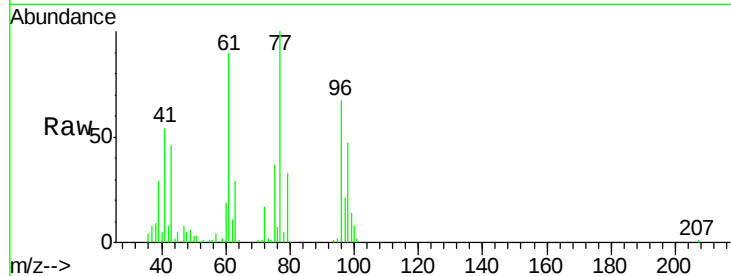
cis-1,2-Dichloroethene
Concen: 20.787 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	251.6
98	66.7	0.0	128.0

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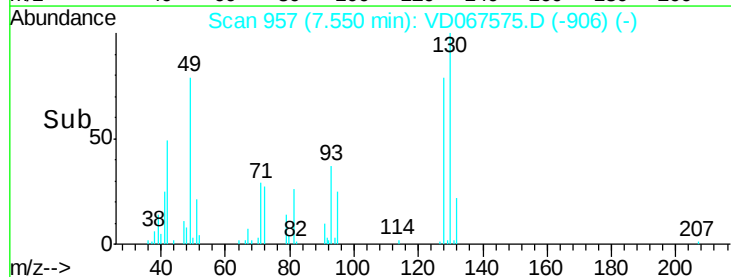
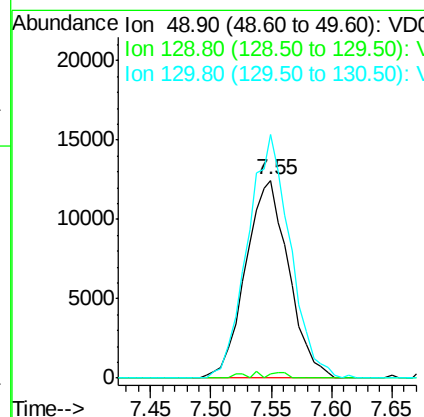
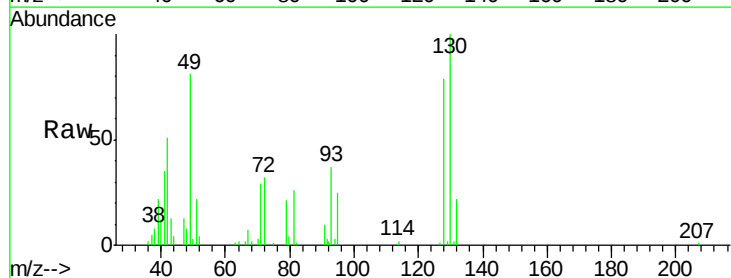
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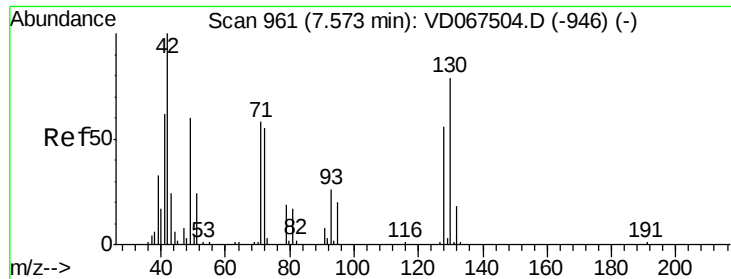


#28

Bromochloromethane
Concen: 19.531 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	6.4
130	121.1	94.6	142.0





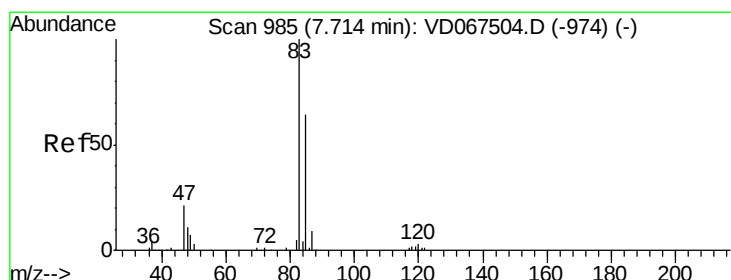
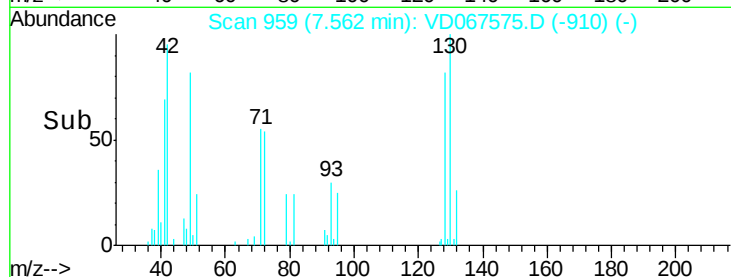
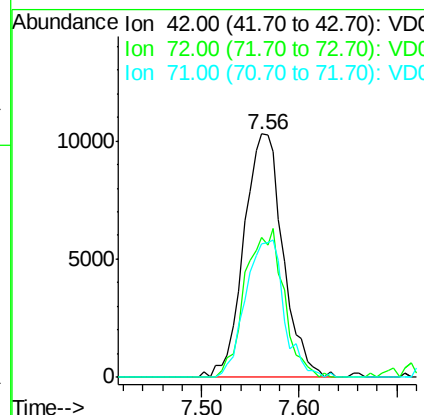
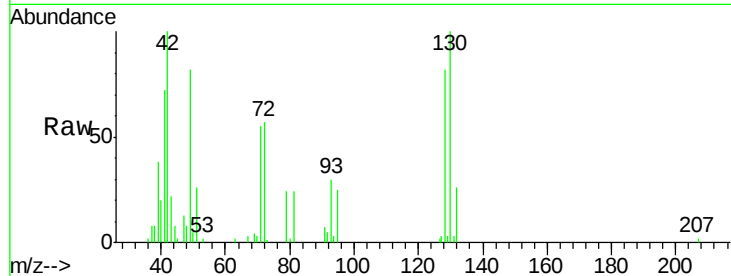
#29
Tetrahydrofuran
Concen: 110.140 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.0	46.3	69.5
71	55.6	44.0	66.0

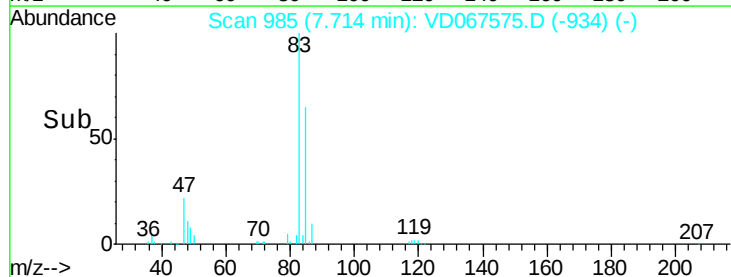
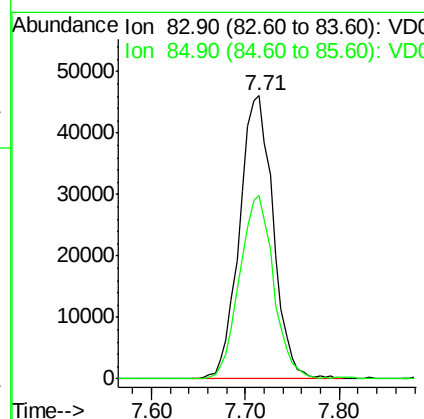
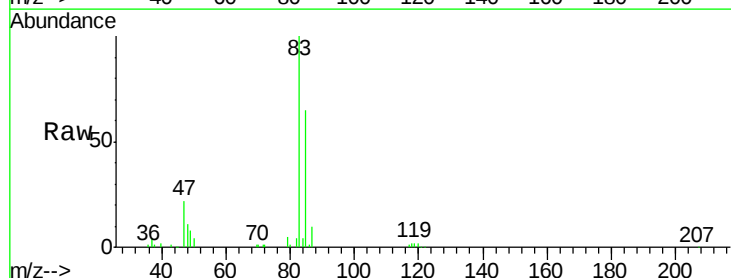
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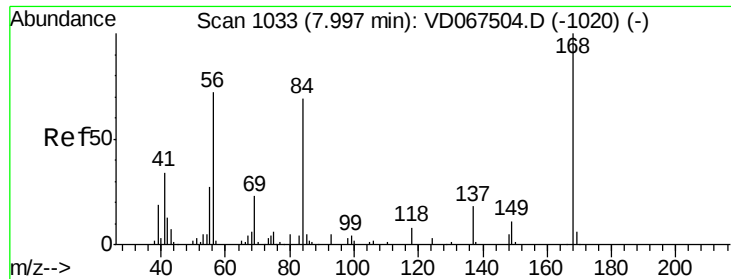
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#30
Chloroform
Concen: 21.518 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





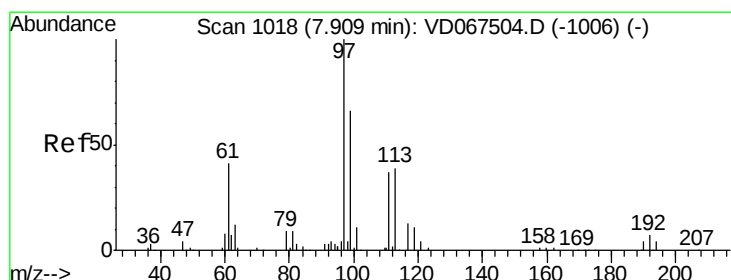
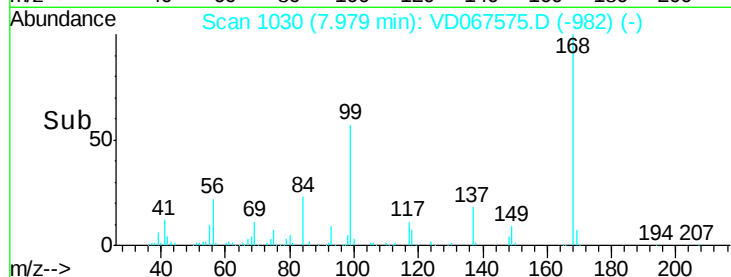
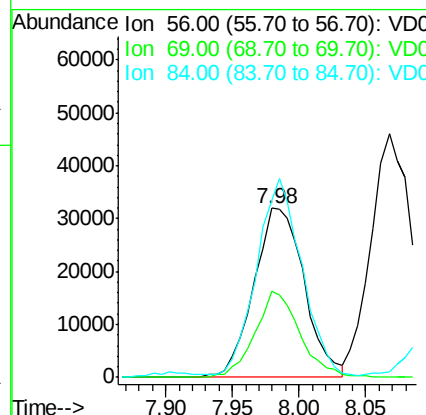
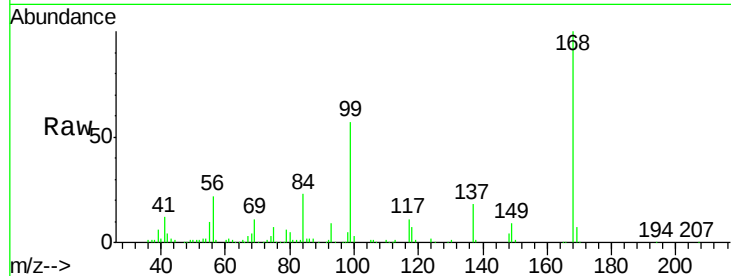
#31
Cyclohexane
Concen: 21.049 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 56 Resp: 83633
Ion Ratio Lower Upper
56 100
69 51.0 25.9 38.9#
84 102.9 76.2 114.4

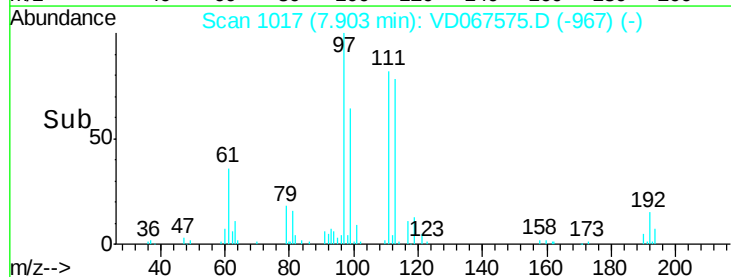
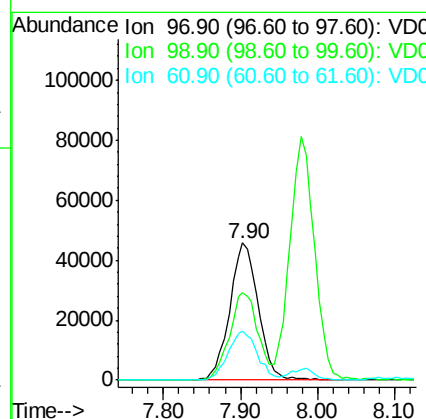
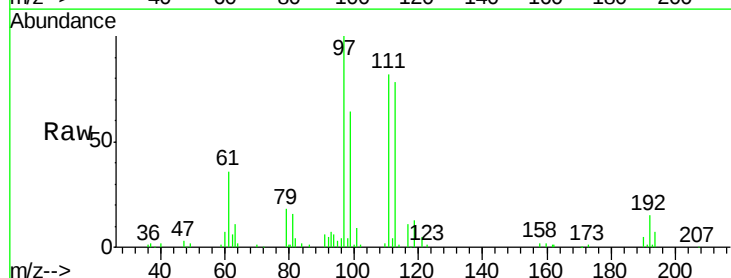
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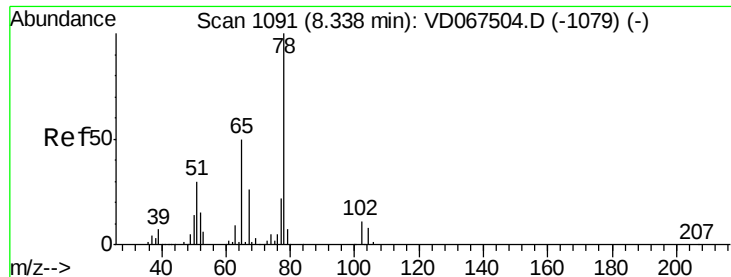
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#32
1,1,1-Trichloroethane
Concen: 21.462 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 97 Resp: 117868
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 36.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.191 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 65 Resp: 126536

Ion Ratio Lower Upper

65 100

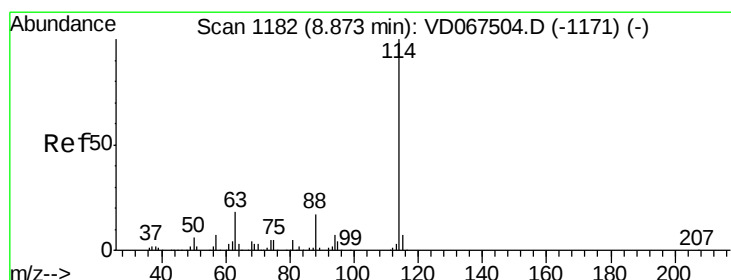
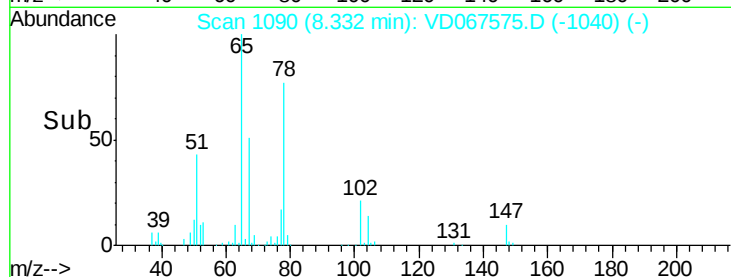
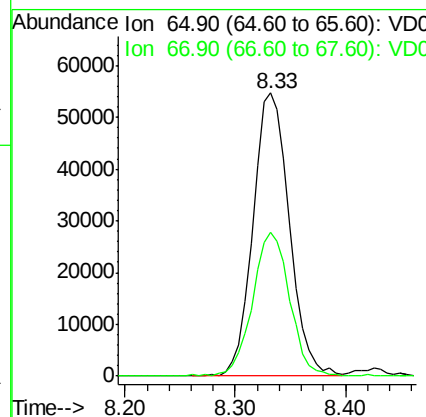
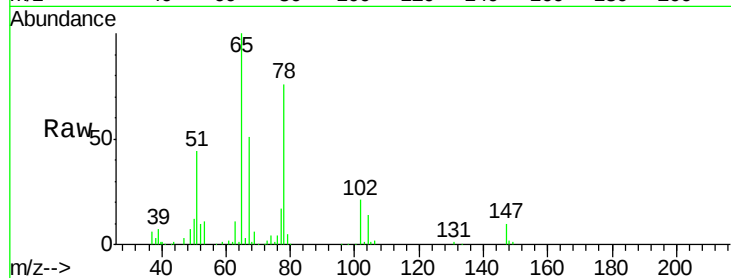
67 51.8 0.0 99.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

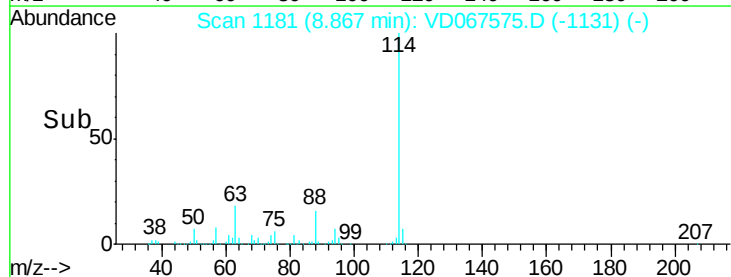
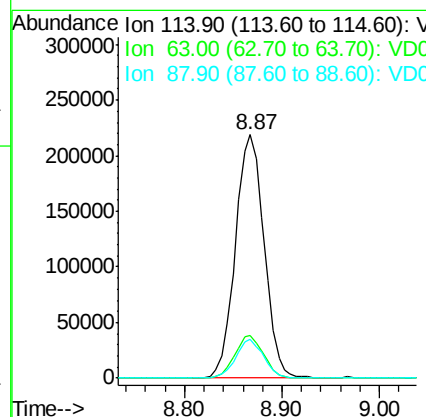
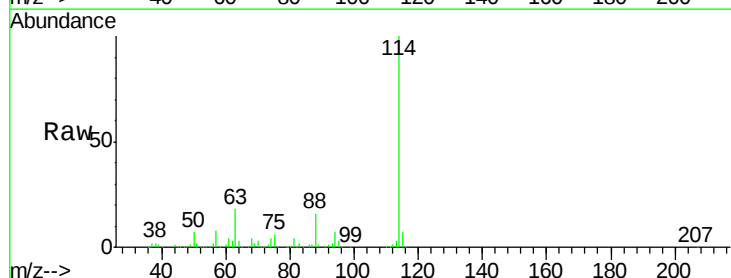
Tgt Ion: 114 Resp: 447155

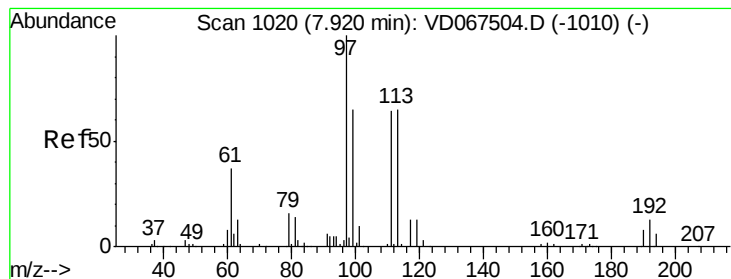
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.884 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

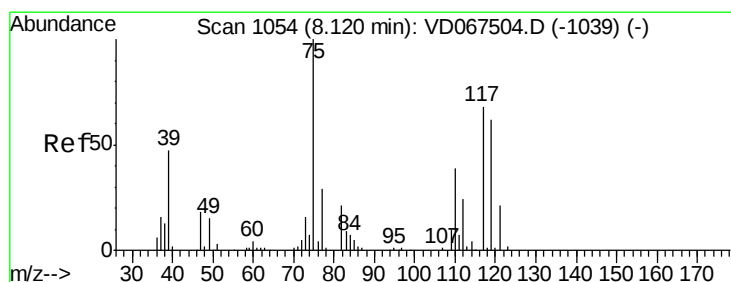
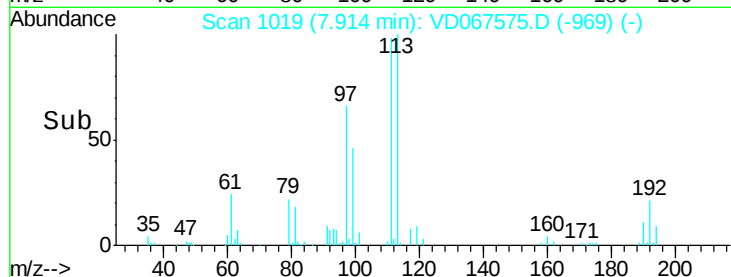
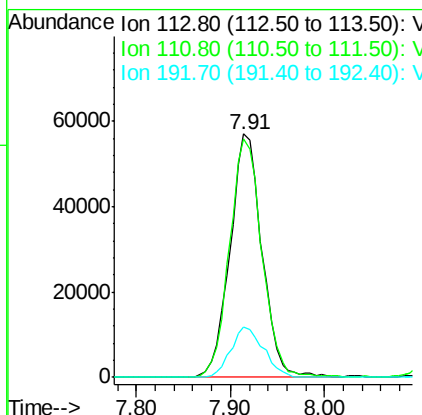
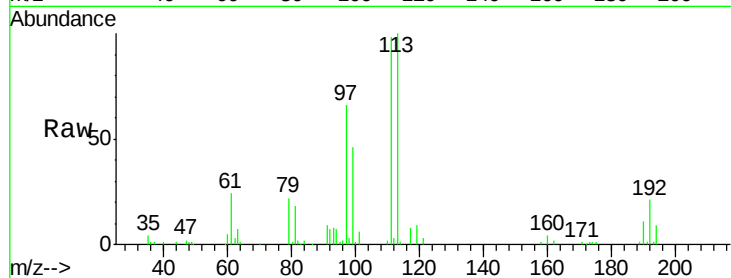
ClientSampleId :

VD1110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134393		
111	99.5	80.0	120.0	
192	21.0	16.3	24.5	

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#36

1,1-Dichloropropene

Concen: 21.838 ug/l

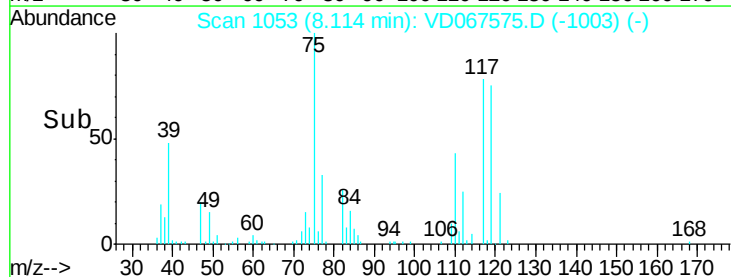
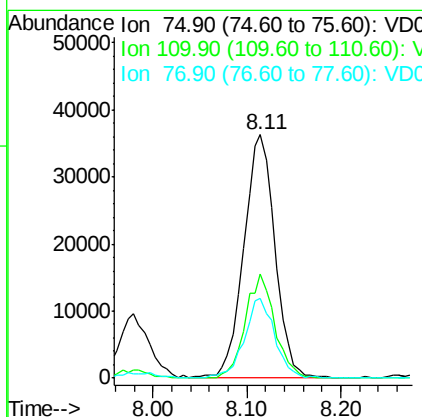
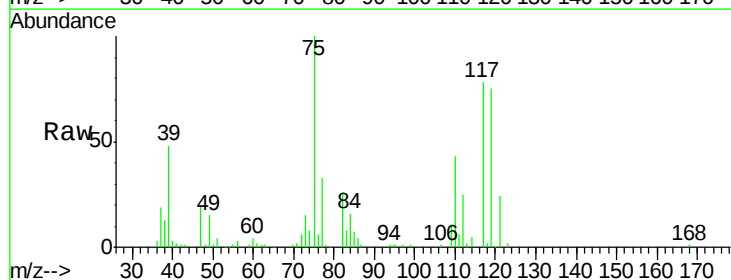
RT: 8.11 min Scan# 1053

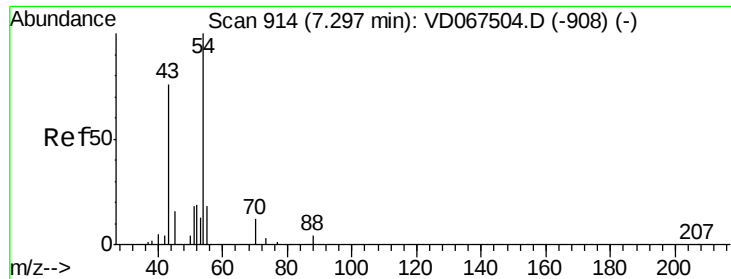
Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83588		
110	39.9	19.9	59.7	
77	31.8	24.8	37.2	





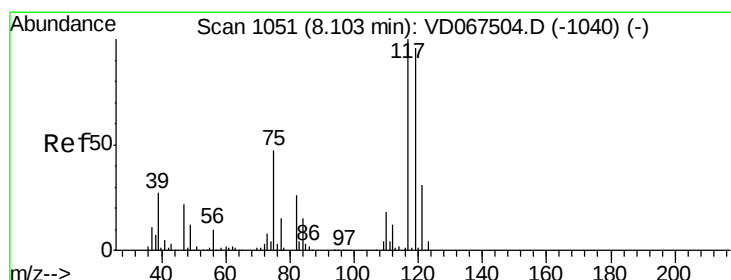
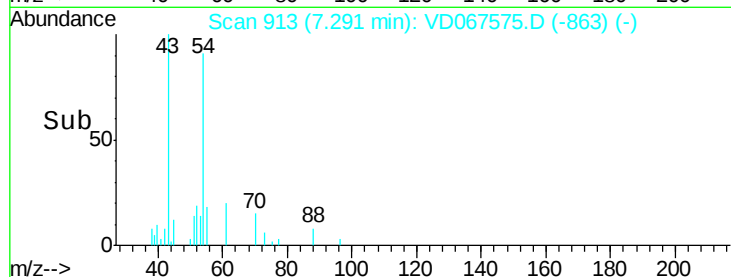
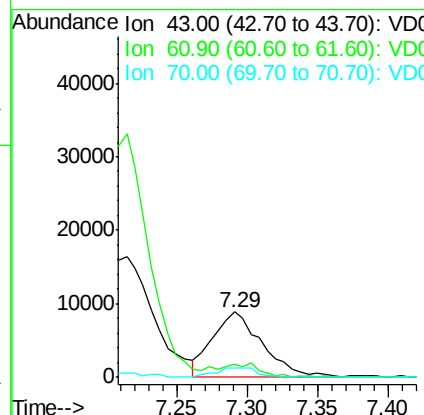
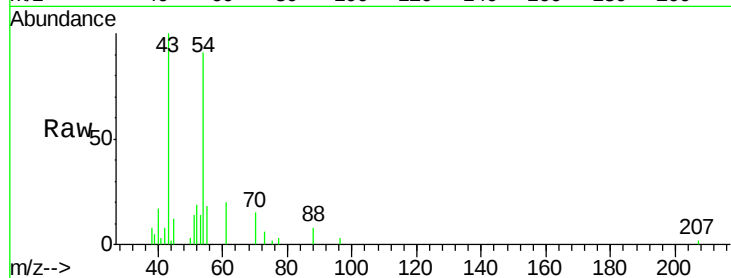
#37
Ethyl Acetate
Concen: 22.067 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	12.8	19.2
70	12.2	11.7	17.5

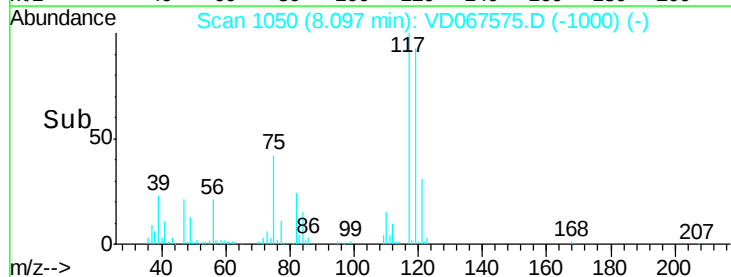
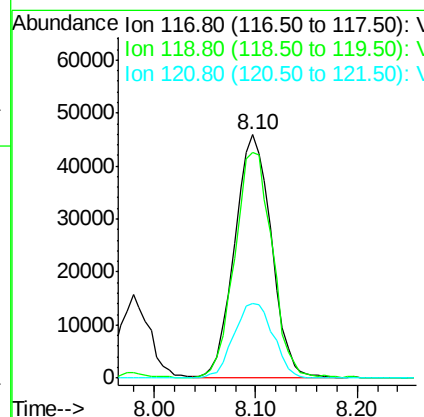
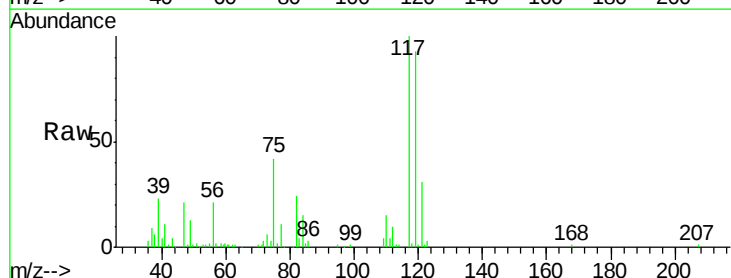
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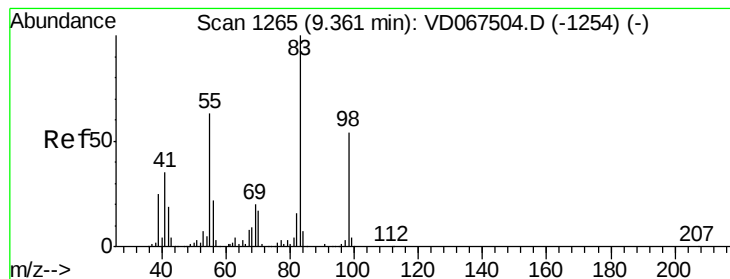
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#38
Carbon Tetrachloride
Concen: 23.310 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.9	115.3
121	30.5	24.5	36.7





#39

Methvlcvclohexane

Concen: 21.847 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

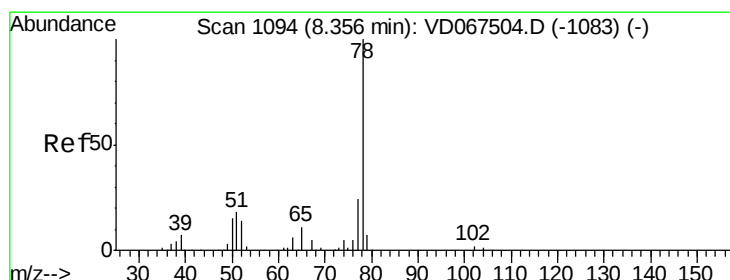
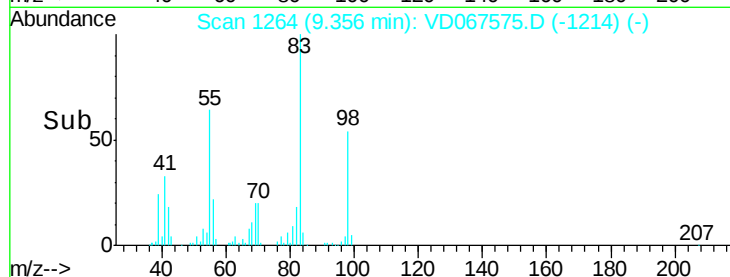
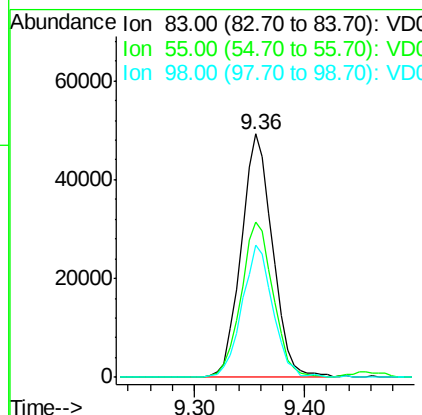
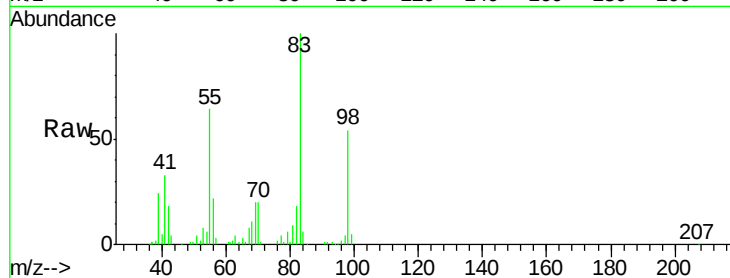
ClientSampleId :

VD1110SBS01

Tot Ion:	83	Resp:	98421
Ion	Ratio	Lower	Upper
83	100		
55	63.7	50.5	75.7
98	54.3	43.4	65.0

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#40

Benzene

Concen: 21.981 ug/l

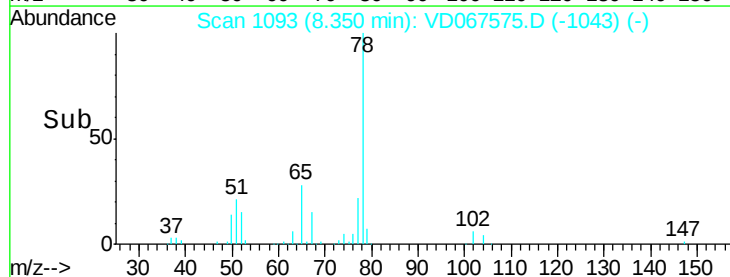
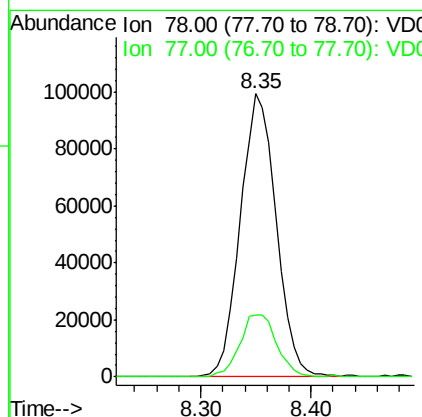
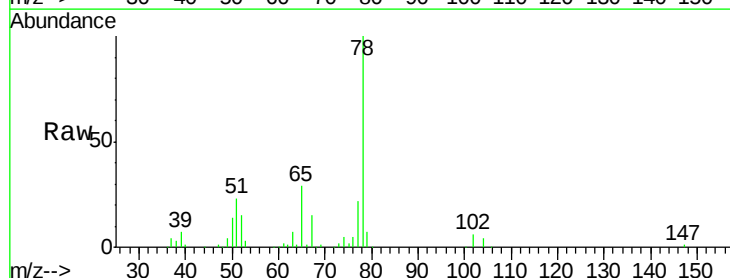
RT: 8.35 min Scan# 1093

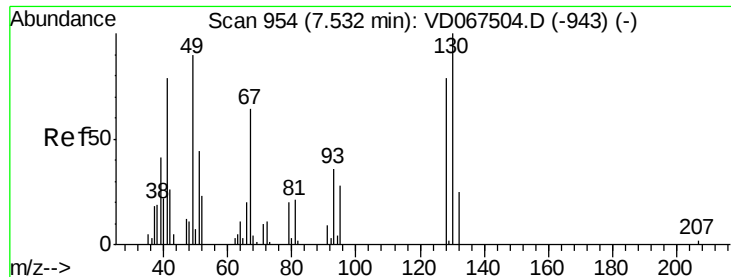
Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion:	78	Resp:	227898
Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.1	28.7





#41

Methacrylonitrile

Concen: 24.336 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 41 Resp: 14455

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 84.8 78.9 118.3

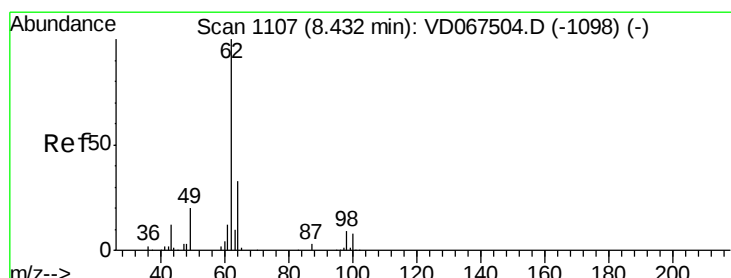
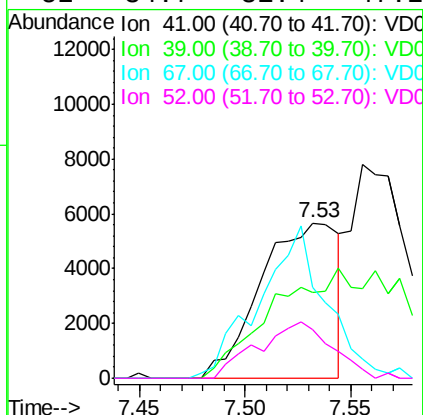
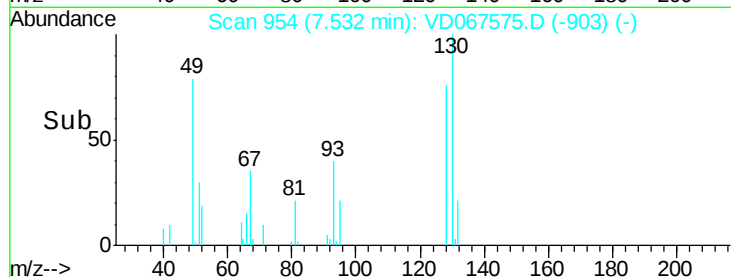
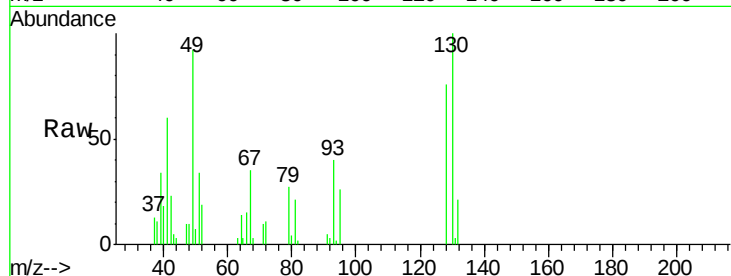
52 34.7 31.4 47.2

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#42

1,2-Dichloroethane

Concen: 21.944 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067575.D

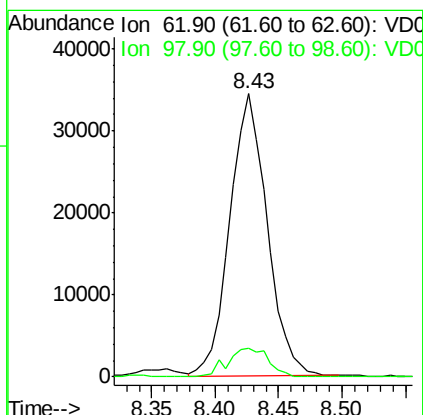
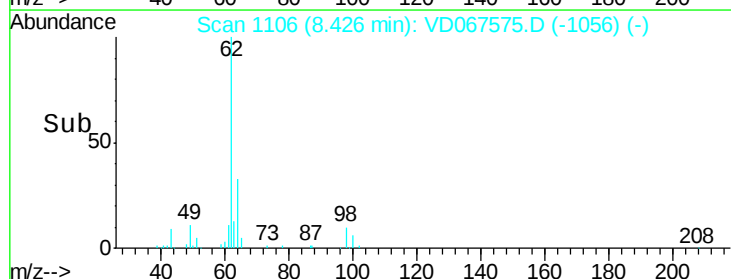
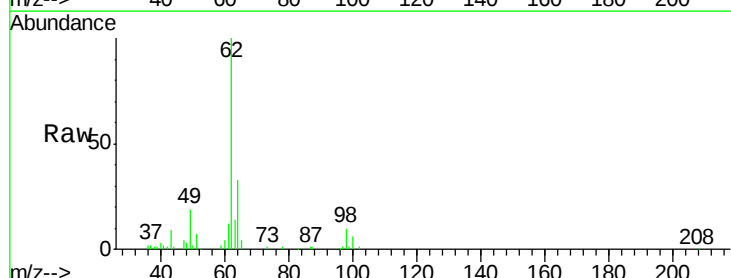
Acq: 10 Nov 2020 11:54

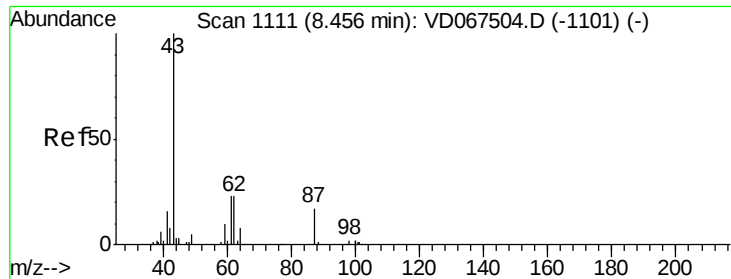
Tgt Ion: 62 Resp: 70296

Ion Ratio Lower Upper

62 100

98 11.1 0.0 19.8





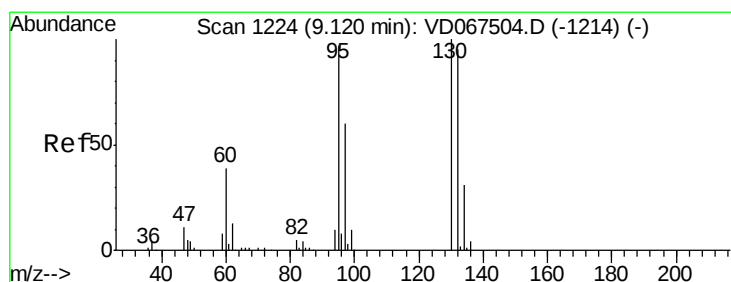
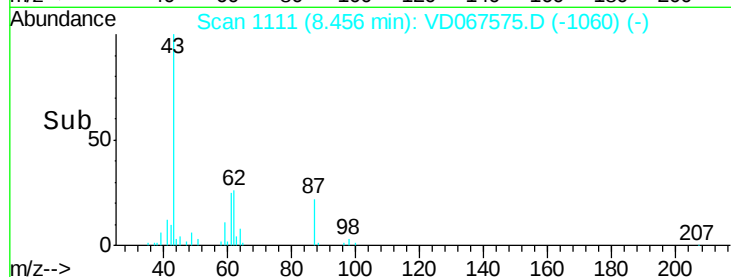
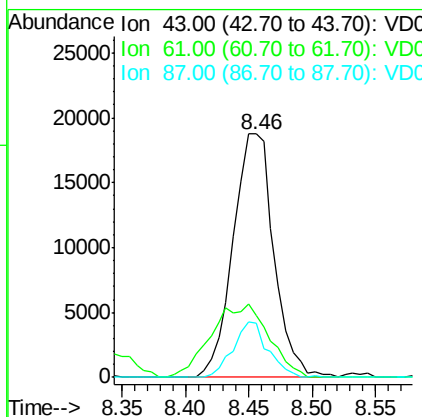
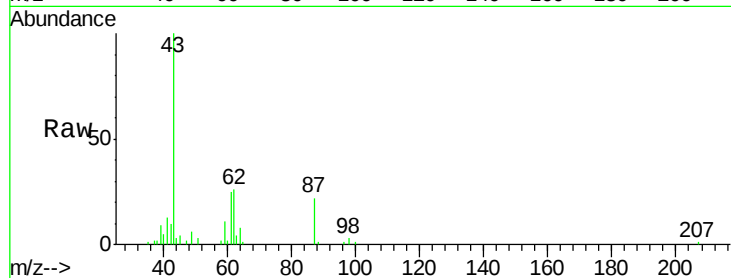
#43
Isopropyl Acetate
Concen: 21.335 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	42.4	30.5	45.7
87	19.4	14.7	22.1

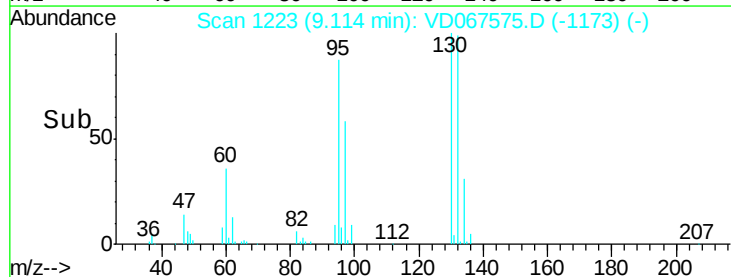
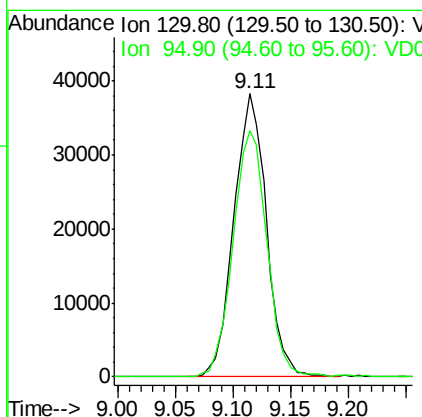
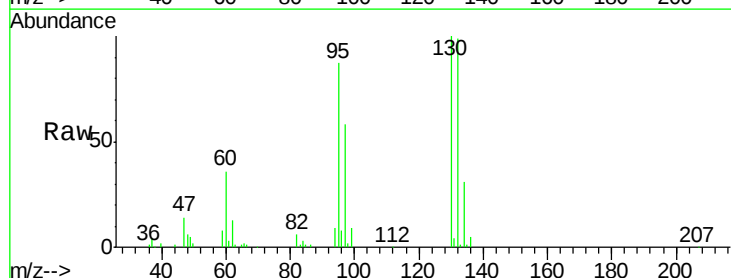
Manual Integrations
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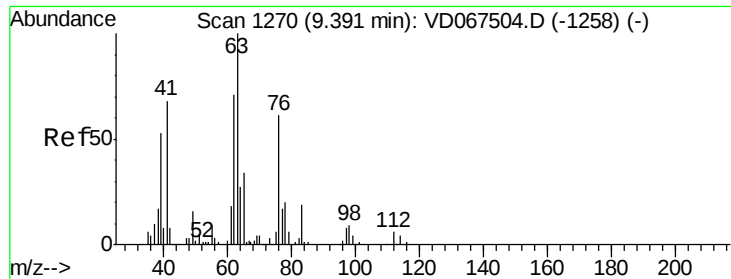
MMDadoda
11/11/2020 1:04:09 PM



#44
Trichloroethene
Concen: 21.949 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.1	0.0	194.4





#45

1,2-Dichloropropane

Concen: 22.505 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 63 Resp: 50447

Ion Ratio Lower Upper

63 100

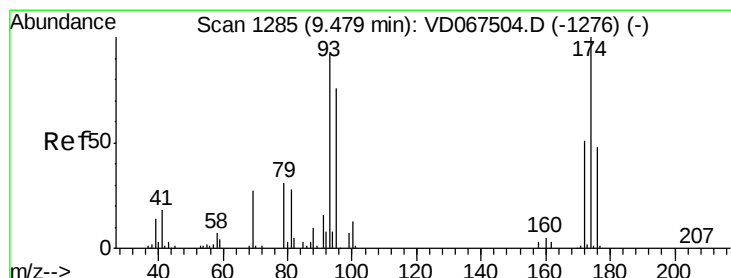
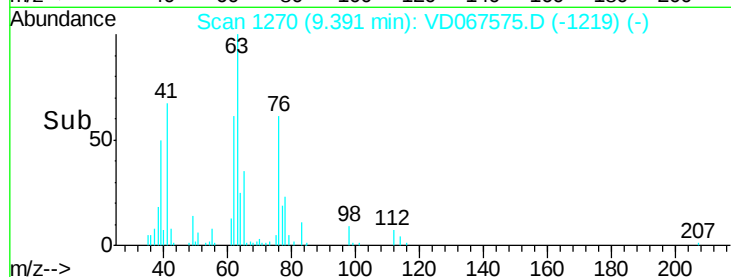
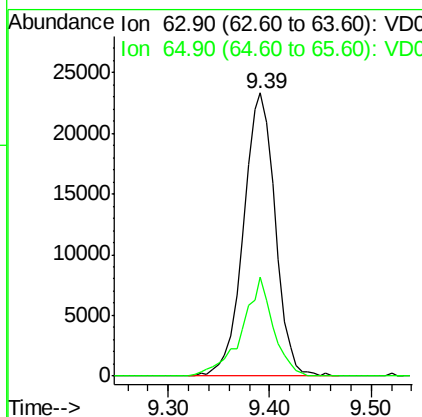
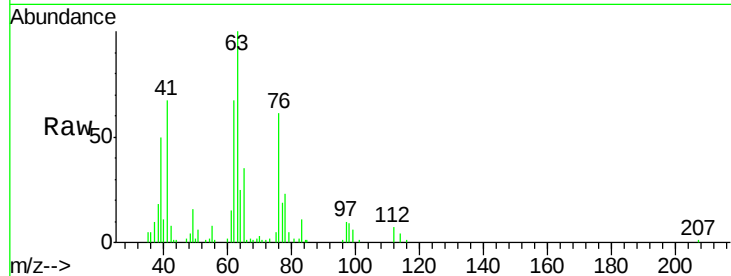
65 34.8 26.9 40.3

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#46

Dibromomethane

Concen: 21.258 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

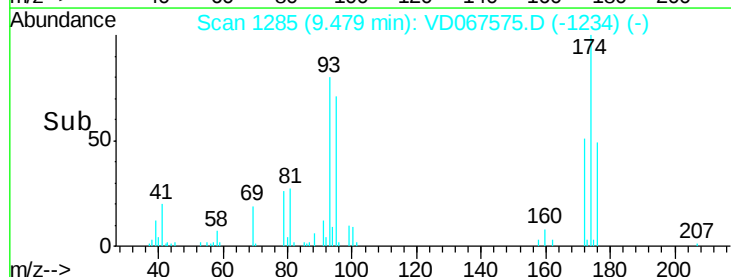
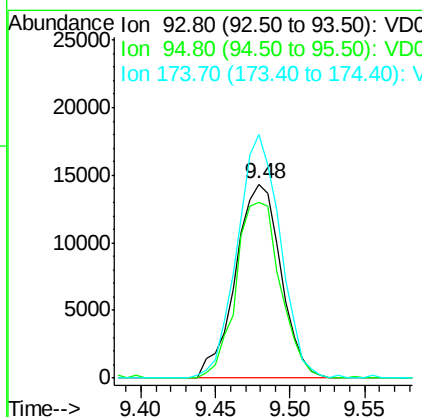
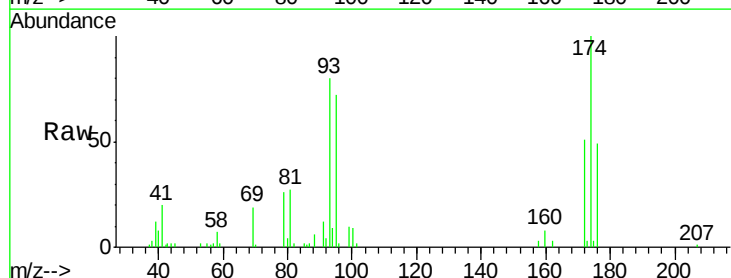
Tgt Ion: 93 Resp: 30299

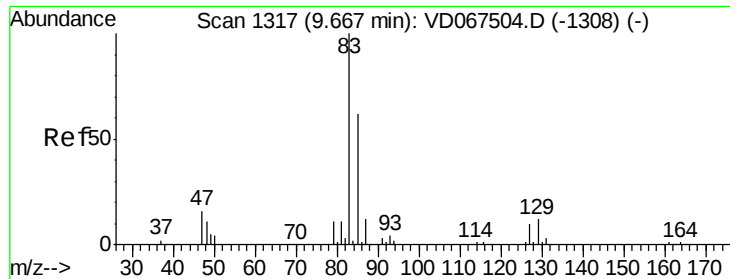
Ion Ratio Lower Upper

93 100

95 88.5 66.4 99.6

174 119.1 88.2 132.4





#47

Bromodichloromethane

Concen: 21.989 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

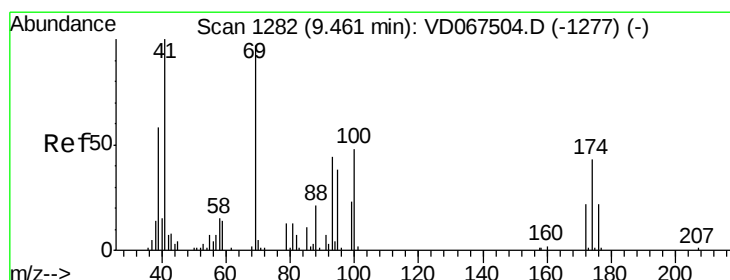
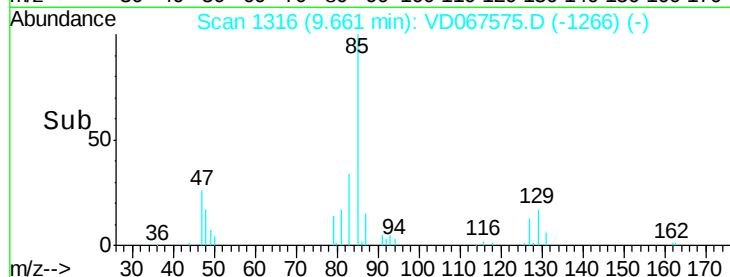
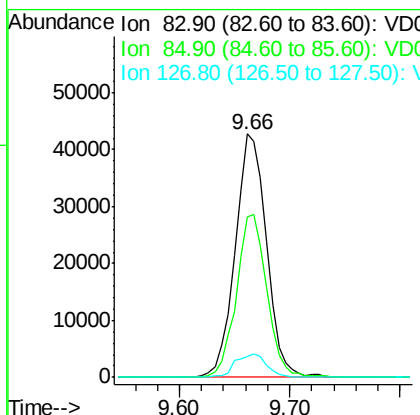
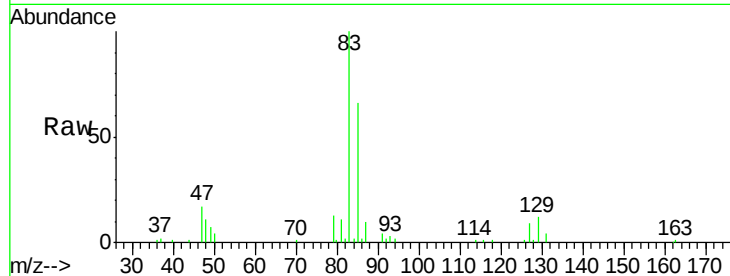
ClientSampleId :

VD1110SBS01

Tot Ion:	83	Resp:	85186
Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.4	74.2
127	8.7	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.686 ug/l

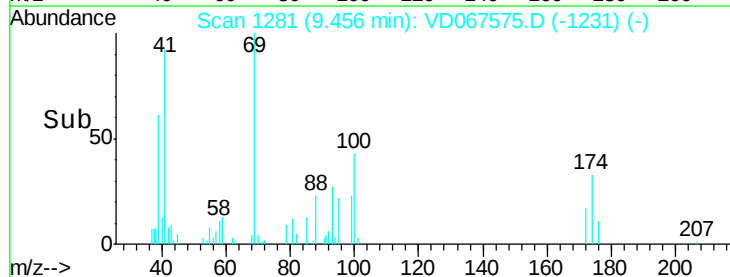
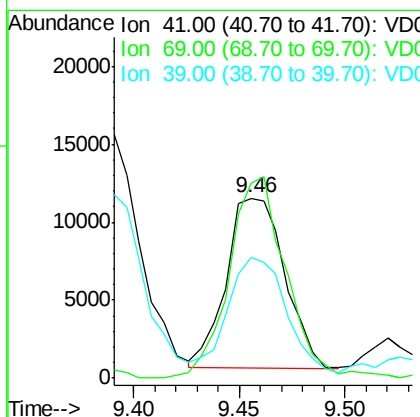
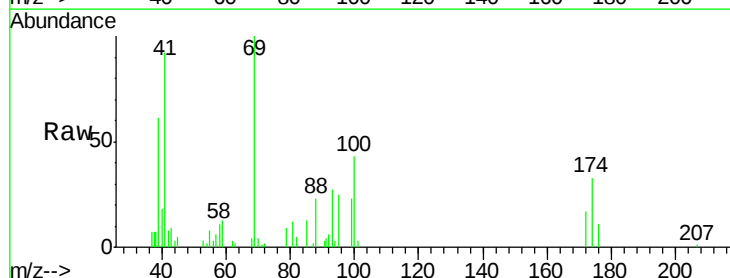
RT: 9.46 min Scan# 1281

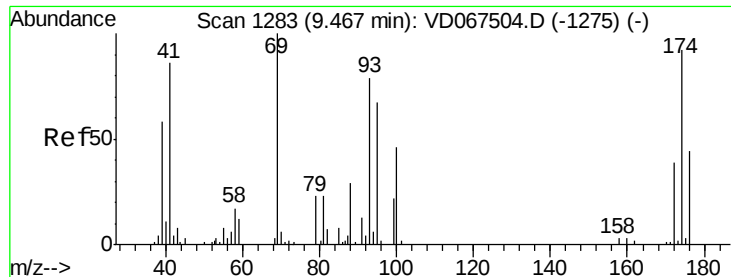
Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion:	41	Resp:	20990
Ion	Ratio	Lower	Upper
41	100		
69	115.3	80.6	121.0
39	66.3	50.2	75.4





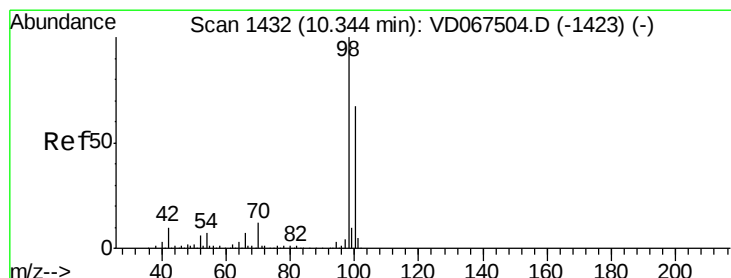
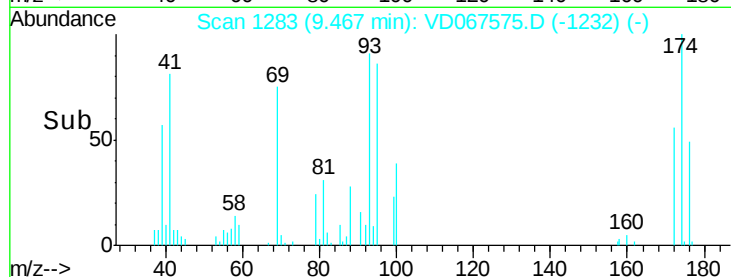
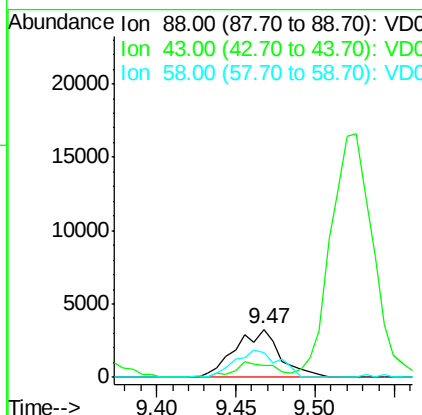
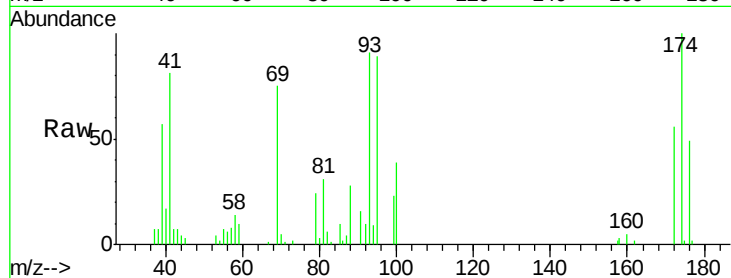
#49
1,4-Dioxane
Concen: 445.431 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.6	35.4
58	55.6	44.7	67.1

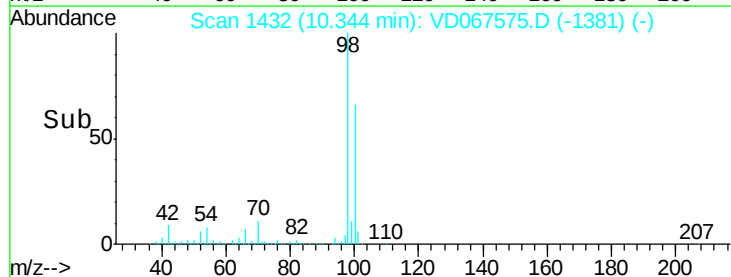
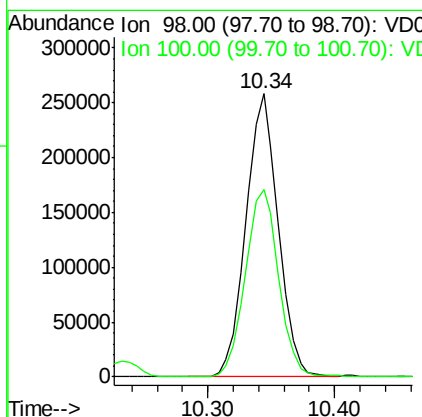
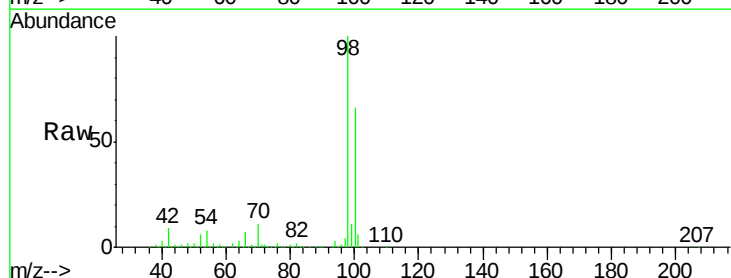
Manual Integrations
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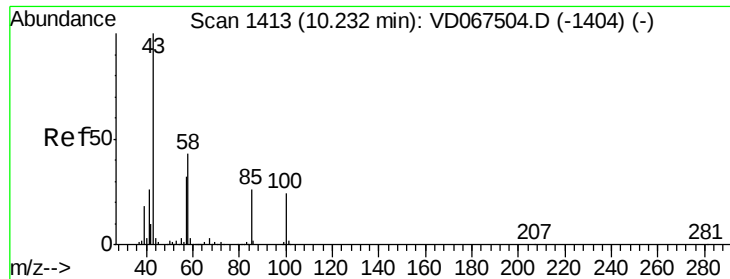
MMDadoda
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#50
Toluene-d8
Concen: 48.197 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 112.248 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 43 Resp: 105500

Ion Ratio Lower Upper

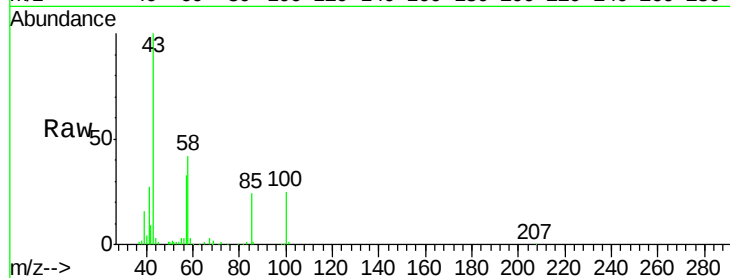
43 100

58 43.4 35.6 53.4

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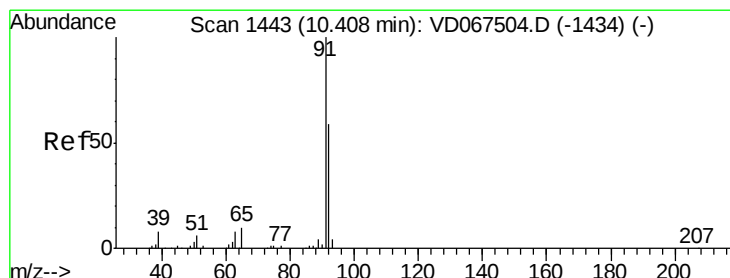
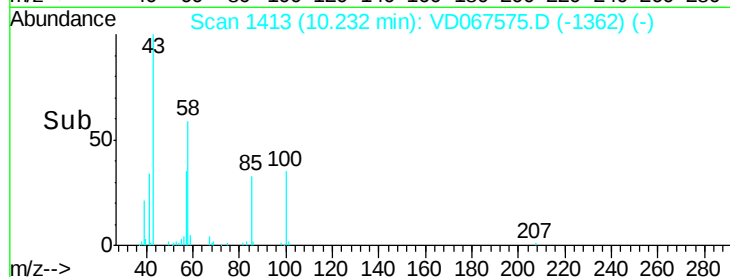
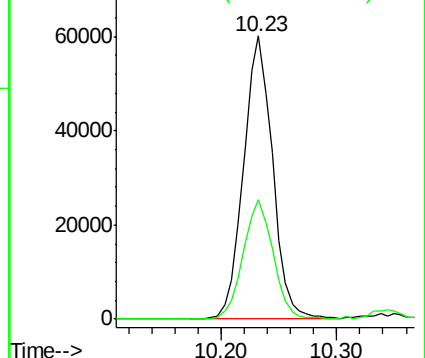
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 22.416 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067575.D

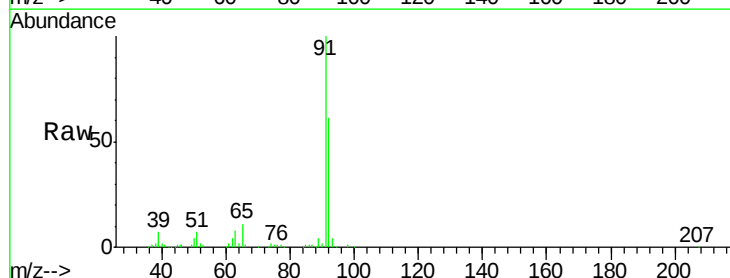
Acq: 10 Nov 2020 11:54

Tgt Ion: 92 Resp: 155664

Ion Ratio Lower Upper

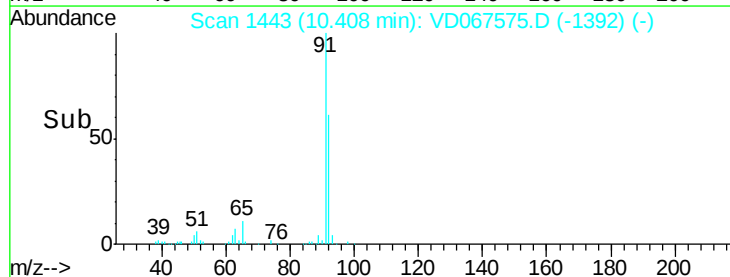
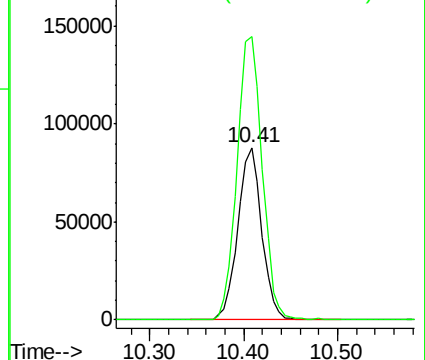
92 100

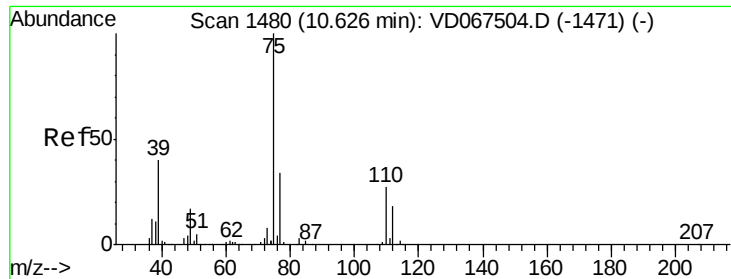
91 172.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





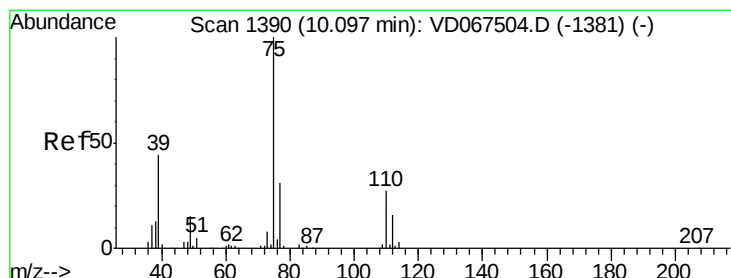
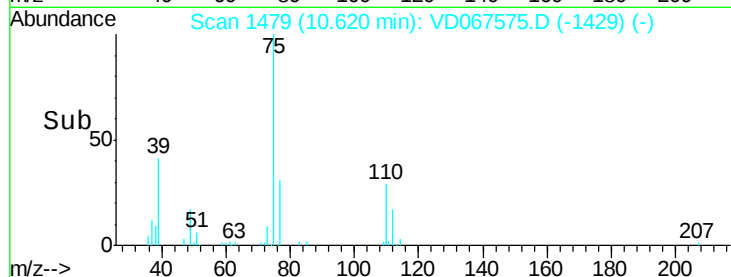
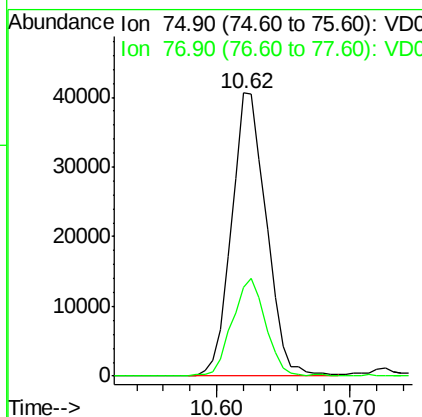
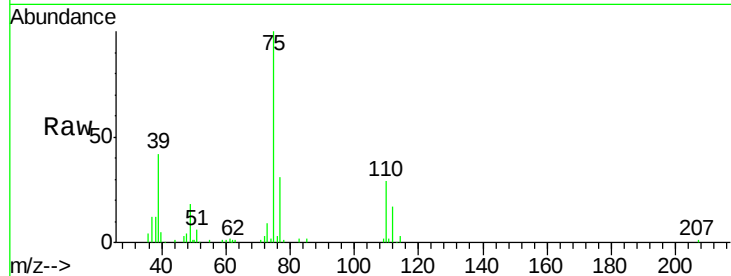
#53
t-1,3-Dichloropropene
Concen: 22.208 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 75 Resp: 73684
Ion Ratio Lower Upper
75 100
77 31.4 27.0 40.6

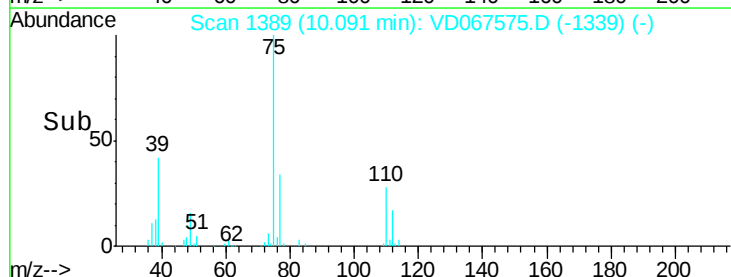
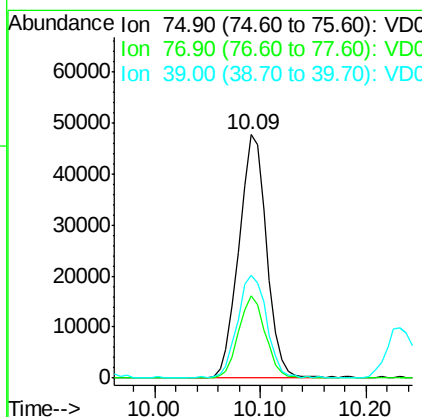
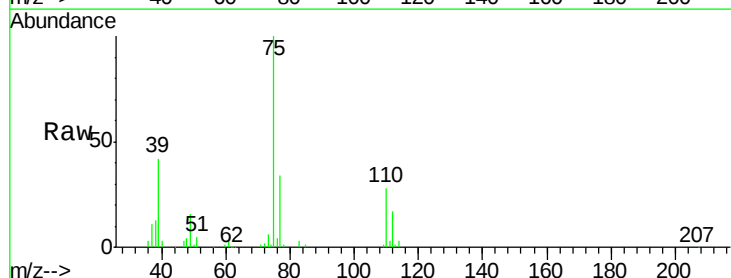
Manual Integrations
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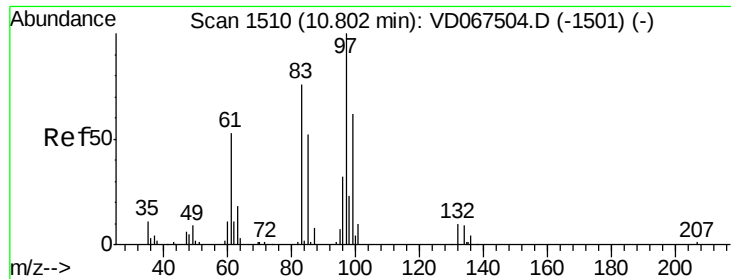
MMDadoda
11/11/2020 1:04:09 PM



#54
cis-1,3-Dichloropropene
Concen: 22.035 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 75 Resp: 86864
Ion Ratio Lower Upper
75 100
77 33.9 24.4 36.6
39 41.9 35.6 53.4





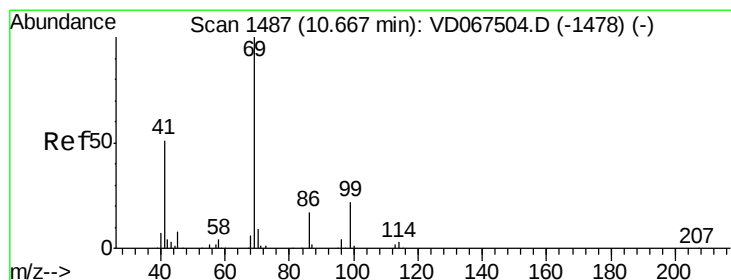
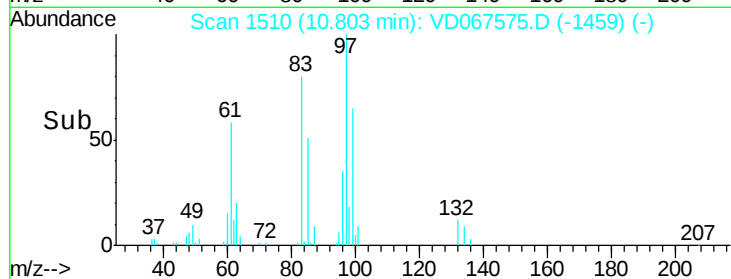
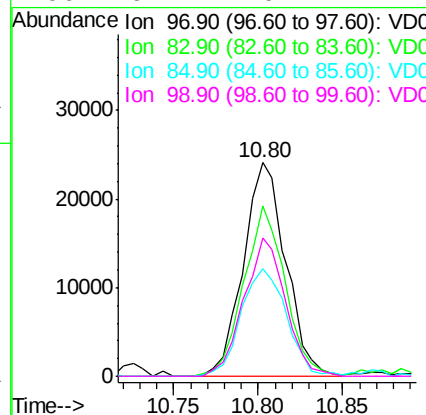
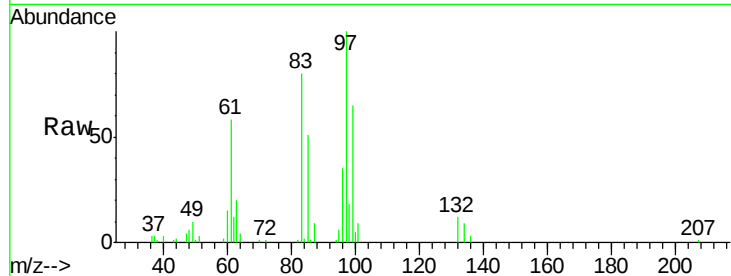
#55
 1,1,2-Trichloroethane
 Concen: 22.376 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion:	97	Resp:	42198
Ion	Ratio	Lower	Upper
97	100		
83	79.9	61.0	91.6
85	50.6	41.5	62.3
99	64.7	49.4	74.2

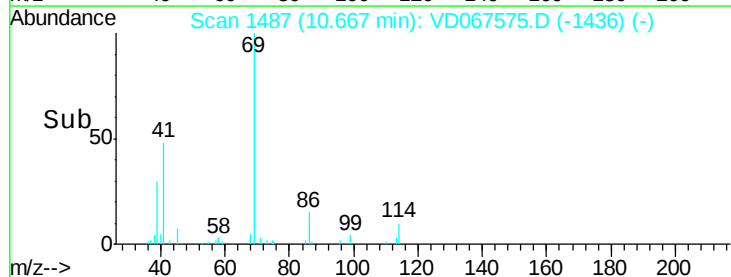
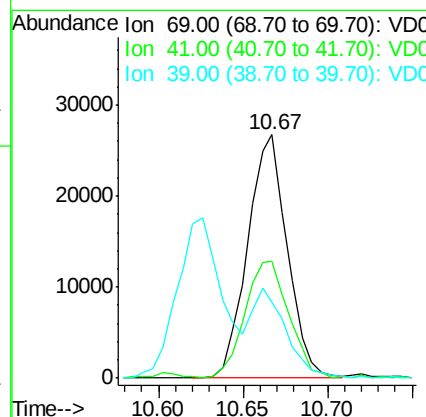
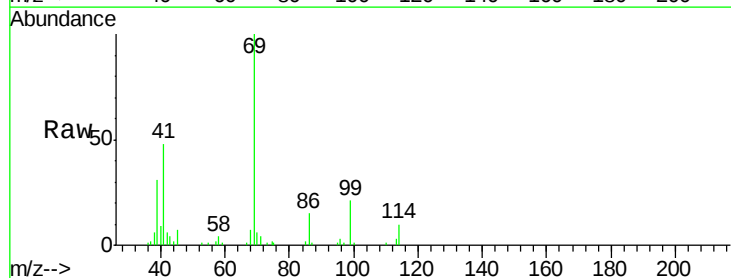
Manual Integrations
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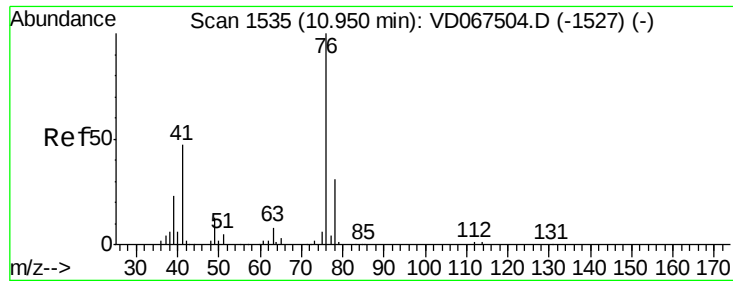
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 11/11/2020 1:04:09 PM



#56
 Ethyl methacrylate
 Concen: 22.453 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion:	69	Resp:	43726
Ion	Ratio	Lower	Upper
69	100		
41	53.5	45.4	68.0
39	32.2	27.4	41.0





#57

1,3-Dichloropropane

Concen: 21.711 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion: 76 Resp: 65884

Ion Ratio Lower Upper

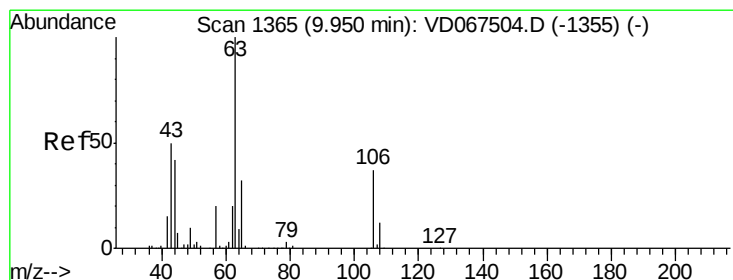
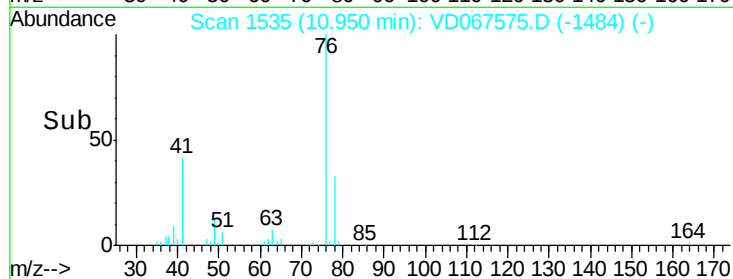
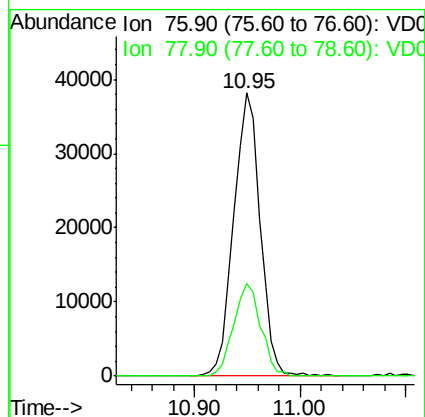
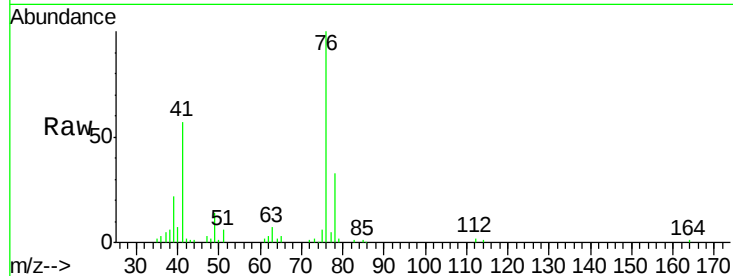
76 100

78 33.6 26.1 39.1

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 103.094 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067575.D

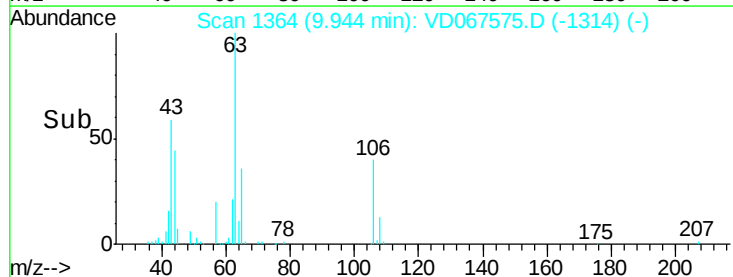
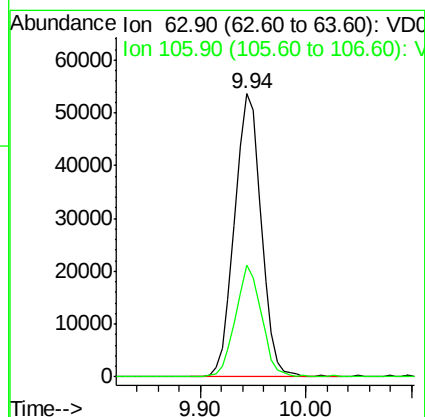
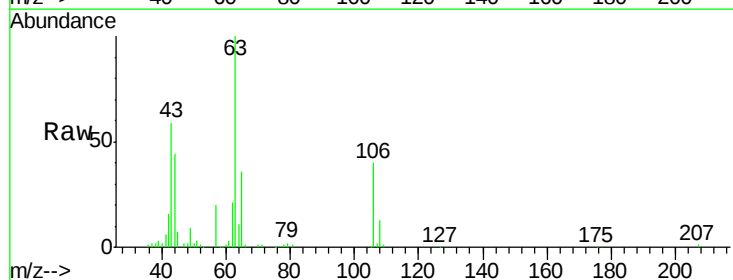
Acq: 10 Nov 2020 11:54

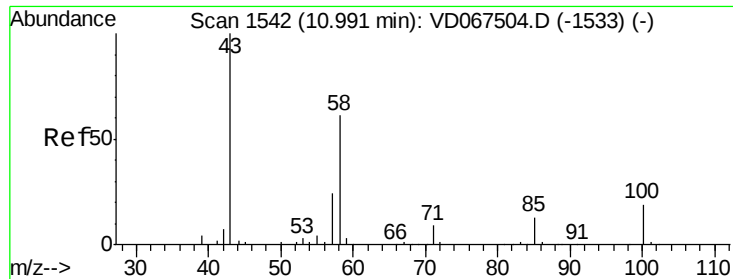
Tgt Ion: 63 Resp: 93625

Ion Ratio Lower Upper

63 100

106 38.2 29.2 43.8





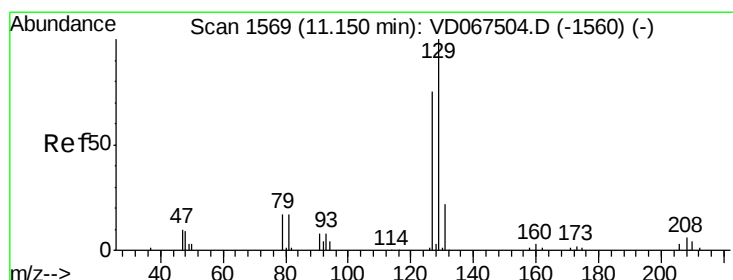
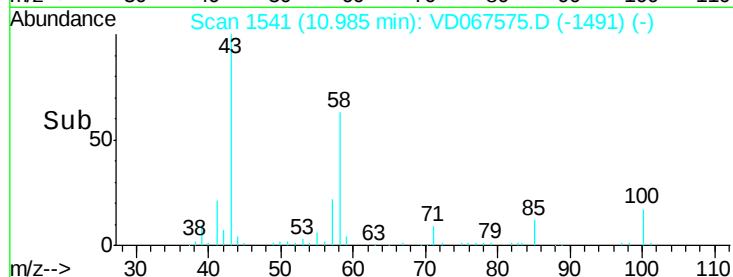
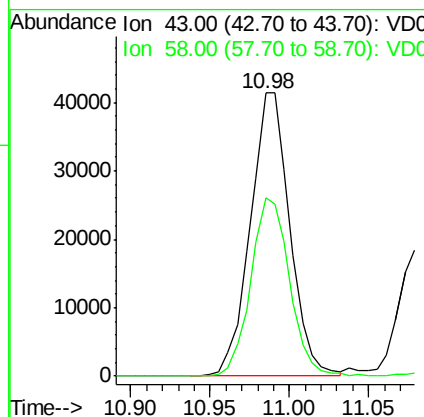
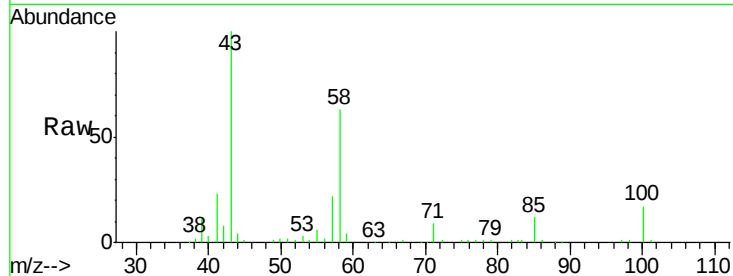
#59
2-Hexanone
Concen: 109.301 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 43 Resp: 71829
Ion Ratio Lower Upper
43 100
58 61.8 30.3 90.9

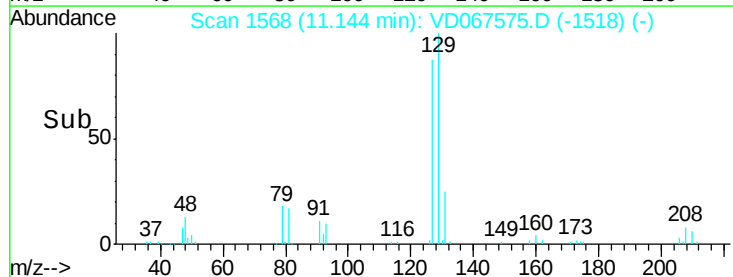
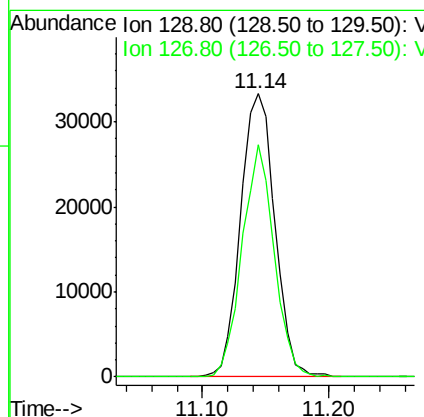
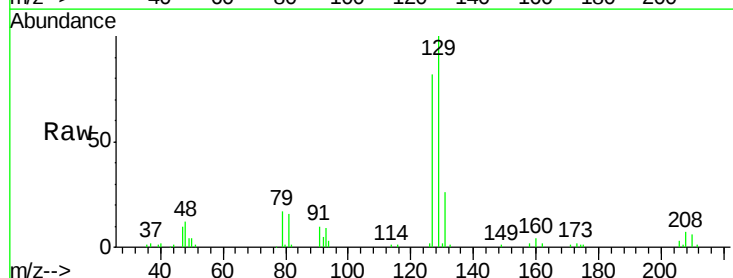
Manual Integrations
APPROVED

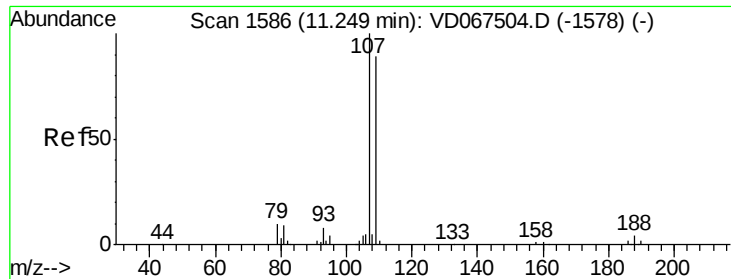
MMDadoda
11/11/2020 1:04:09 PM



#60
Dibromochloromethane
Concen: 22.444 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 129 Resp: 62611
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1





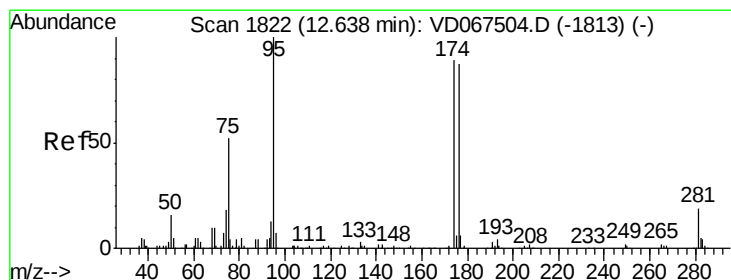
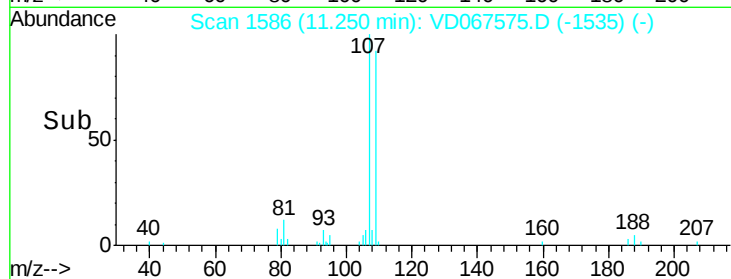
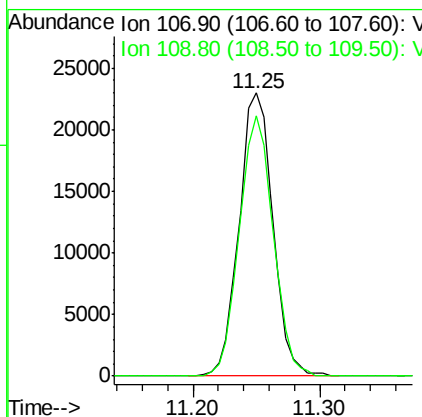
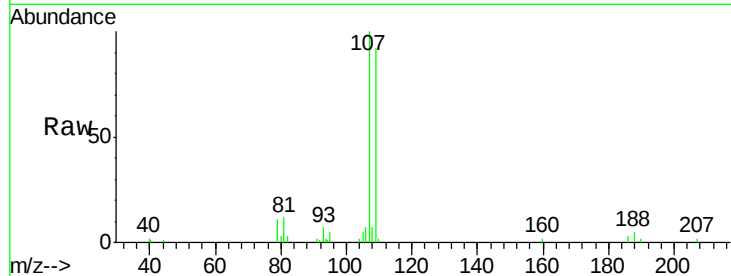
#61
1,2-Dibromoethane
Concen: 22.494 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 107 Resp: 42575
Ion Ratio Lower Upper
107 100
109 92.3 74.6 111.8

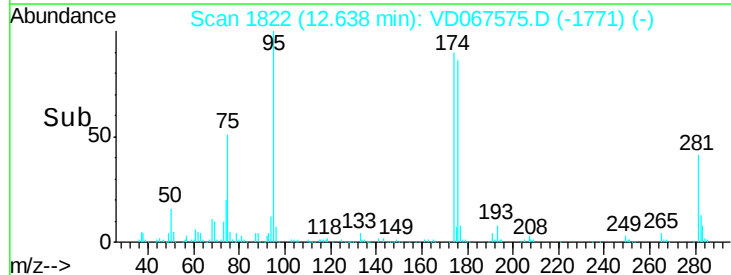
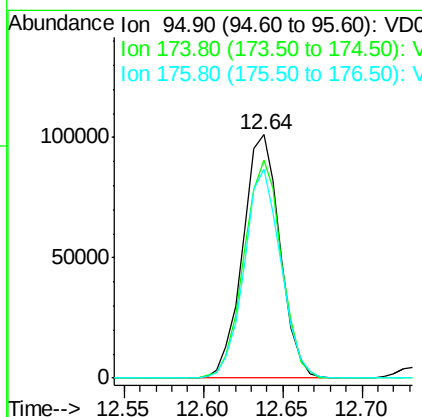
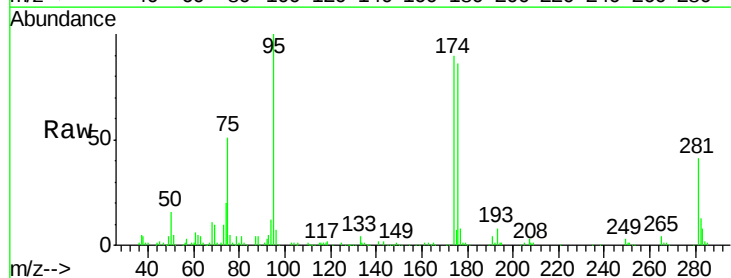
Manual Integrations
APPROVED

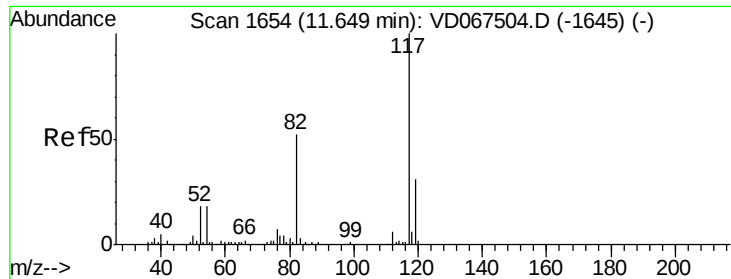
MMDadoda
11/11/2020 1:04:09 PM



#62
4-Bromofluorobenzene
Concen: 50.398 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 95 Resp: 164736
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.8
176 84.8 0.0 172.0





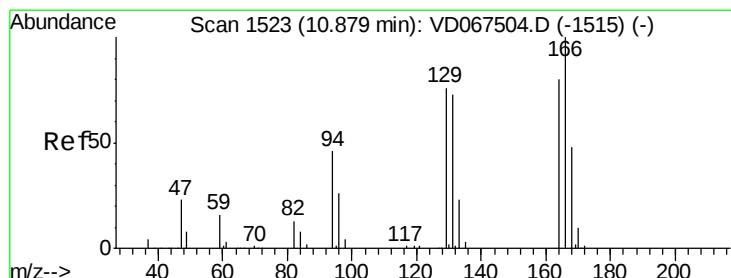
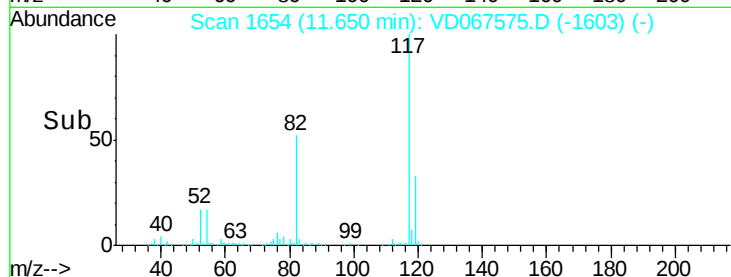
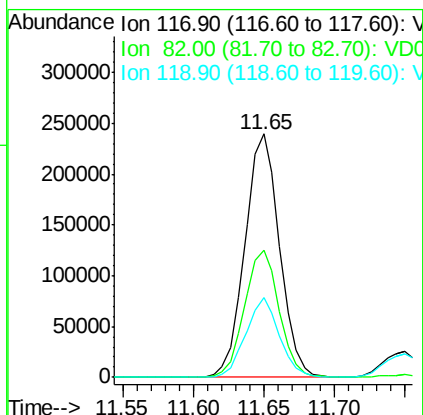
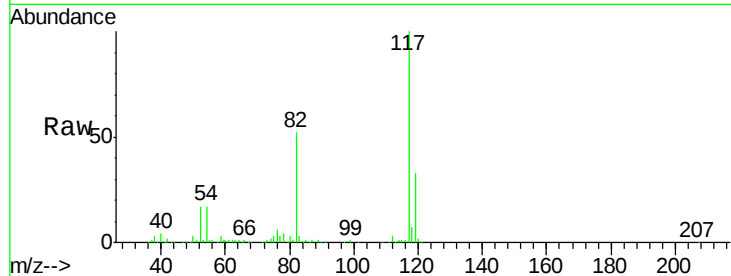
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.6	62.4
119	33.0	25.1	37.7

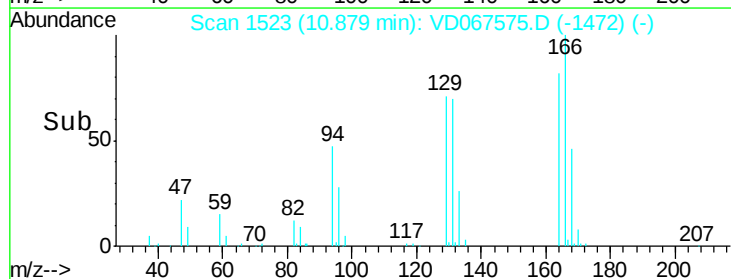
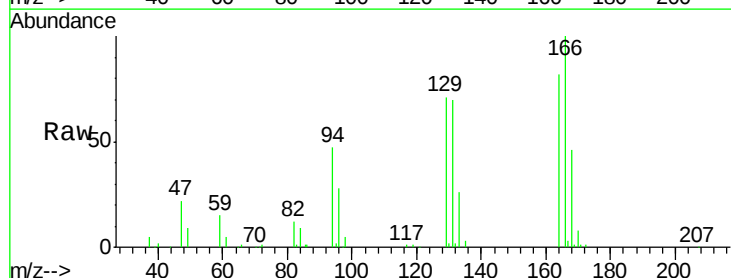
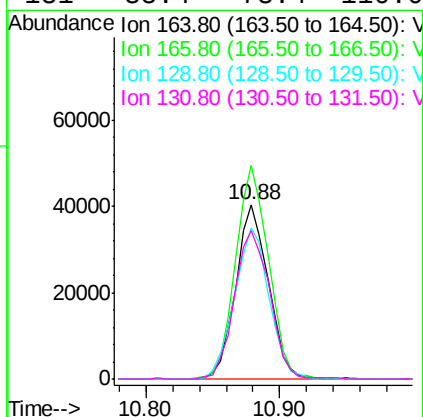
Manual Integrations
APPROVED

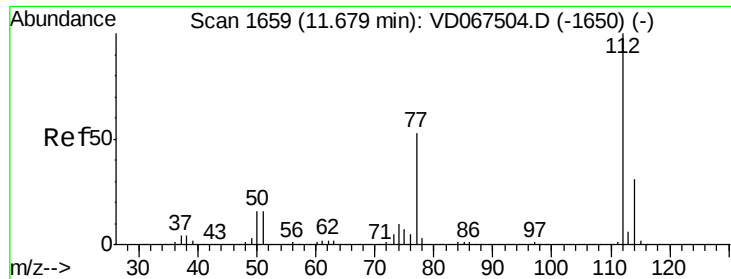
MMDadoda
11/11/2020 1:04:09 PM



#64
Tetrachloroethene
Concen: 22.479 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	99.9	149.9
129	86.9	75.5	113.3
131	85.4	73.4	110.0





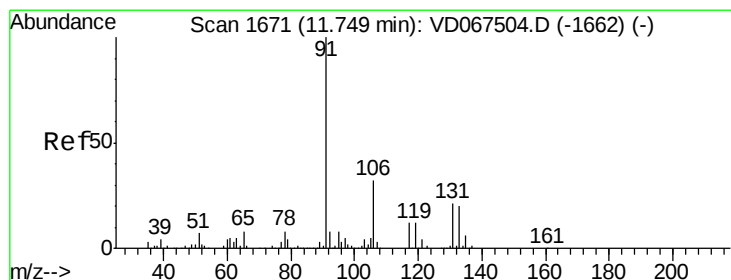
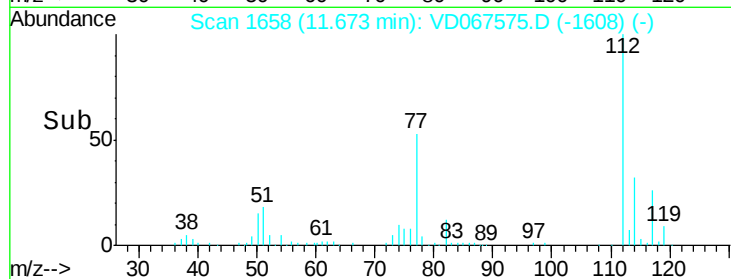
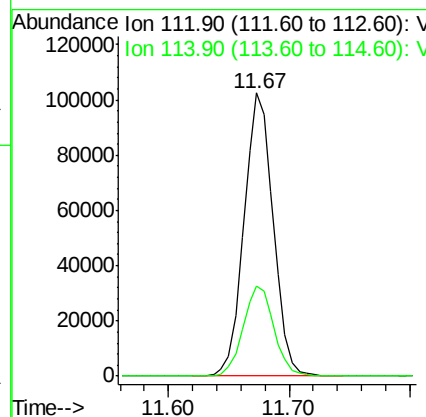
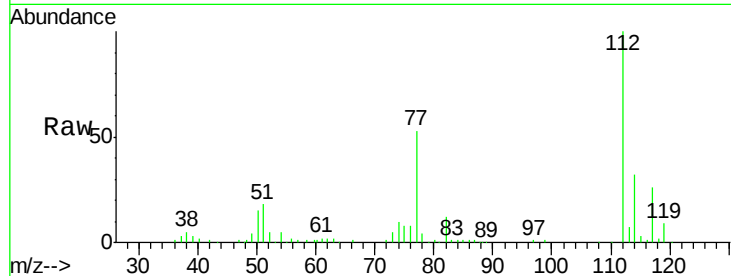
#65
Chlorobenzene
Concen: 21.744 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion:112 Resp: 172592
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3

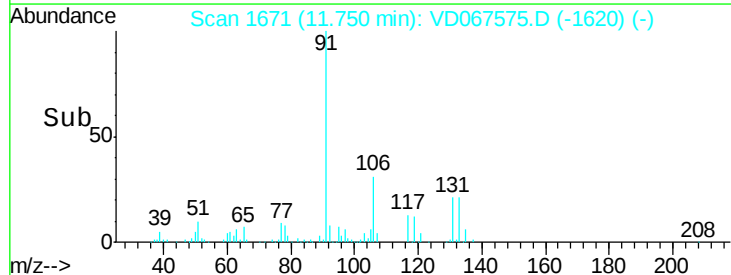
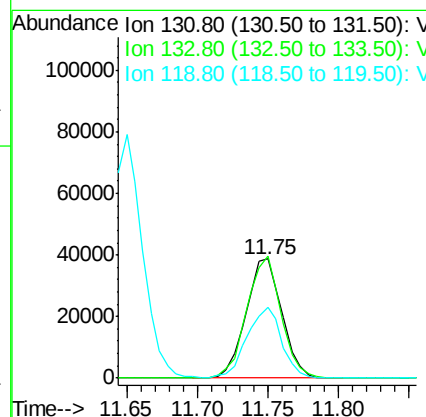
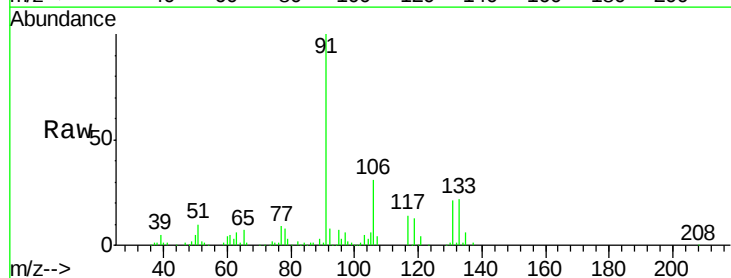
Manual Integrations
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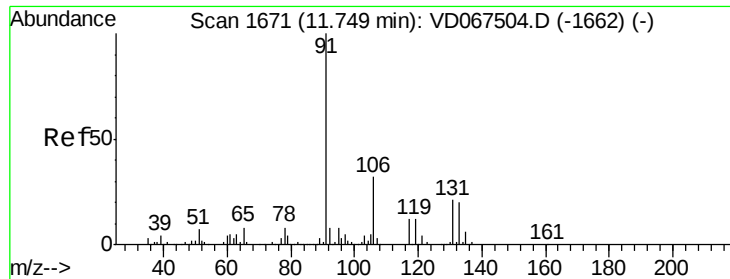
MMDadoda
11/11/2020 1:04:09 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.036 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion:131 Resp: 68938
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 58.2 30.1 90.5





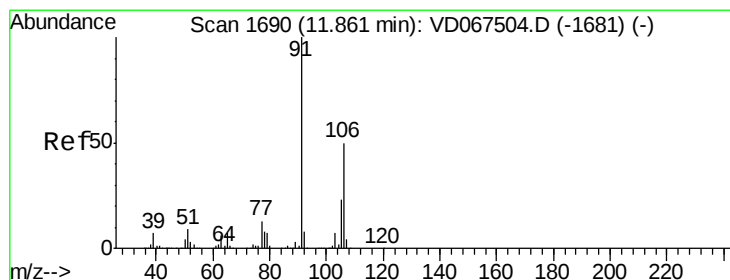
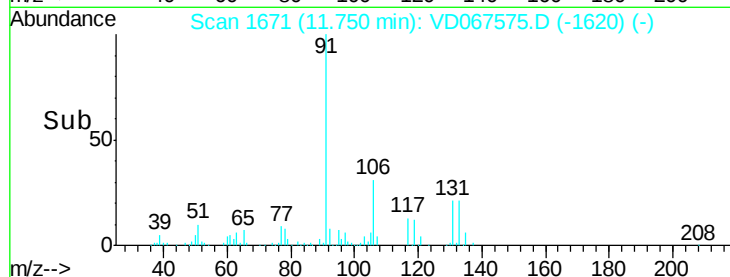
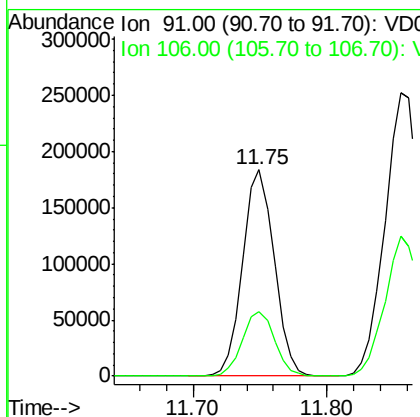
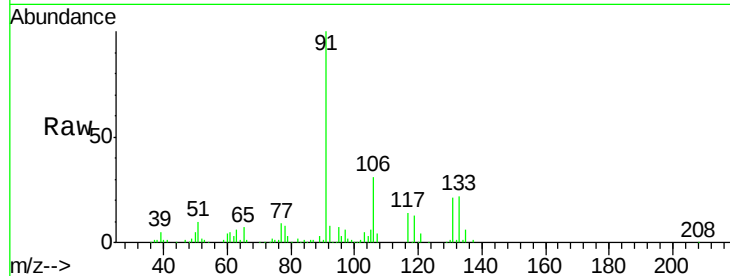
#67
Ethyl Benzene
Concen: 22.159 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 91 Resp: 300980
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

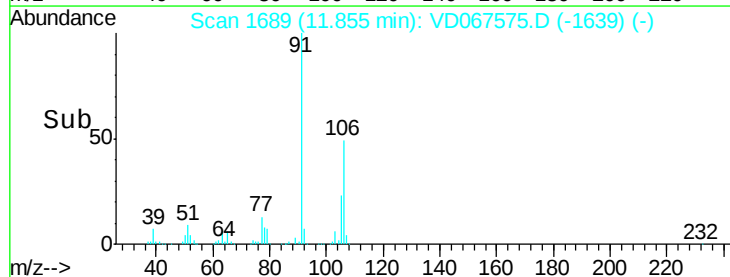
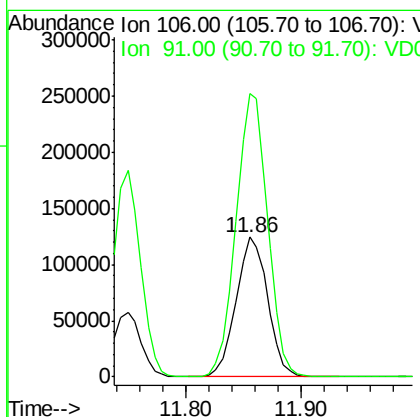
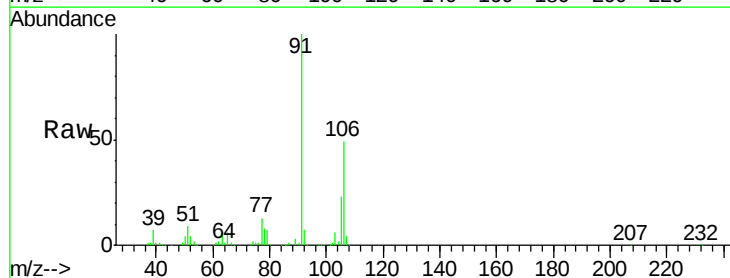
Manual Integrations
APPROVED

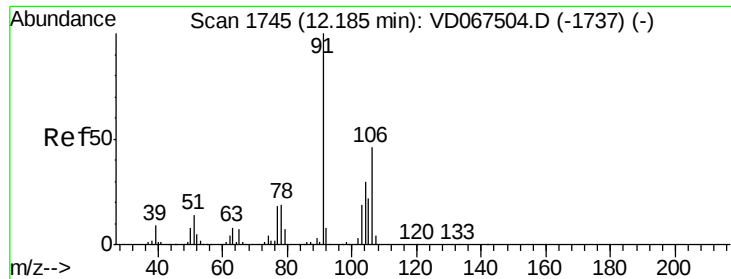
MMDadoda
11/11/2020 1:04:09 PM



#68
m/p-Xylenes
Concen: 44.456 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 106 Resp: 234914
Ion Ratio Lower Upper
106 100
91 203.5 162.6 244.0





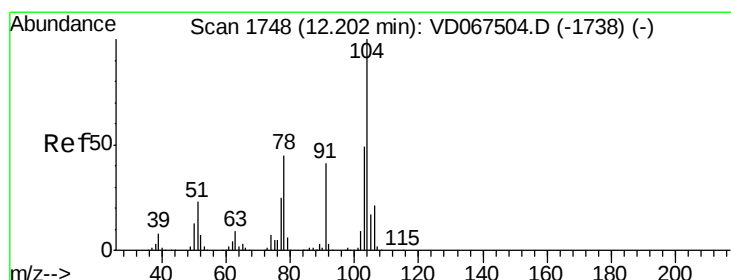
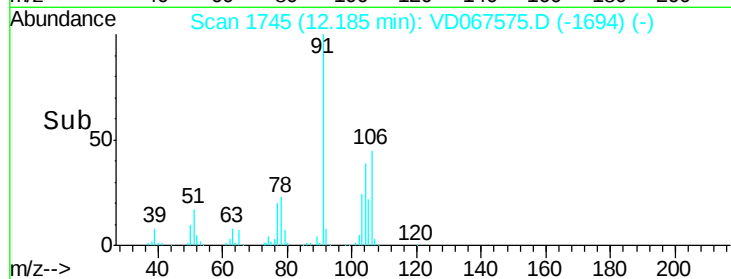
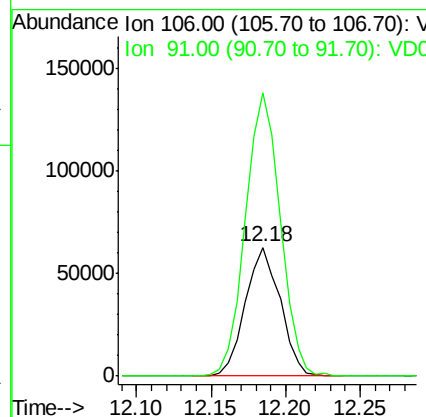
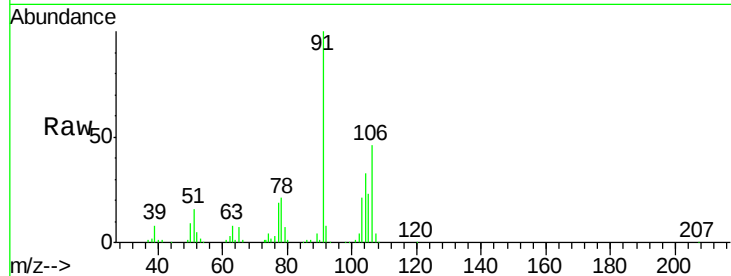
#69
o-Xylene
Concen: 21.612 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	101961		
91	91	218.6	107.1	321.1	

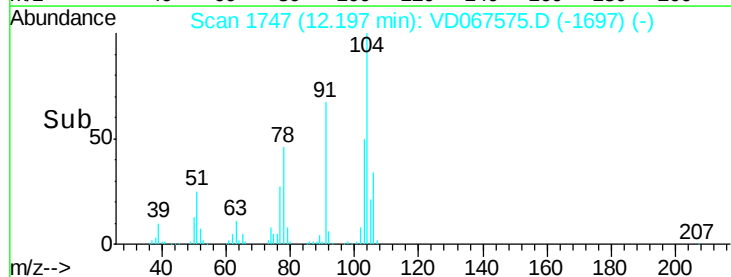
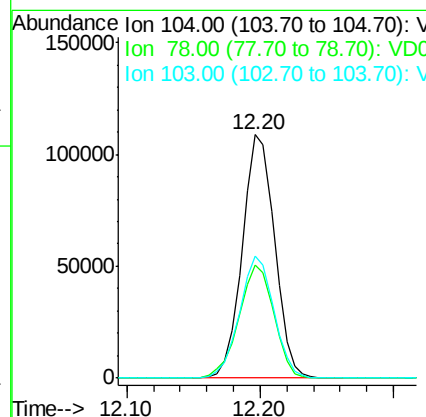
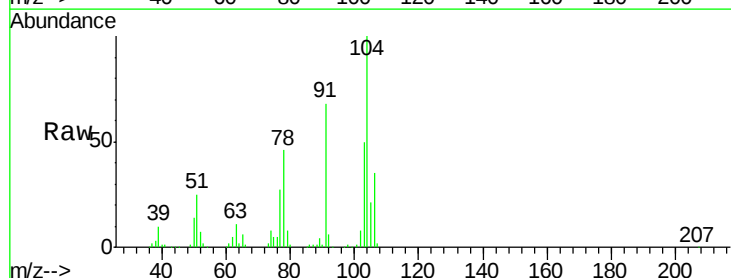
Manual Integrations
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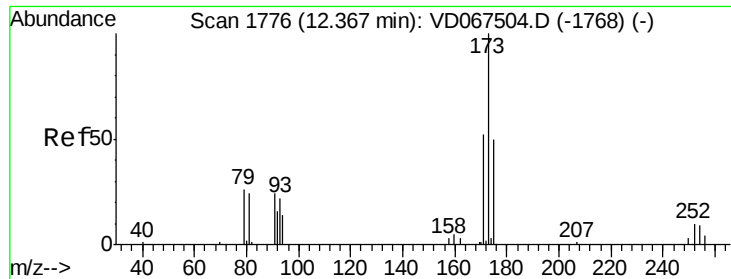
MMDadoda
11/11/2020 1:04:09 PM



#70
Styrene
Concen: 22.122 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	181867		
78	78	50.4	39.8	59.8	
103	103	53.4	43.9	65.9	





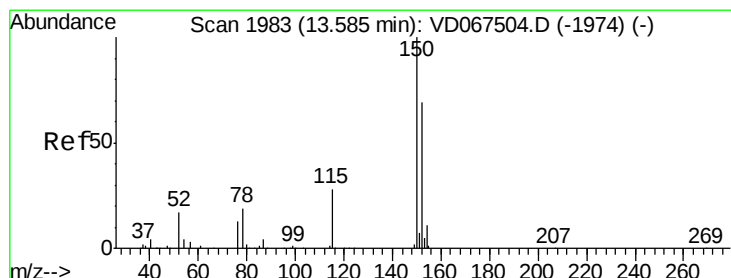
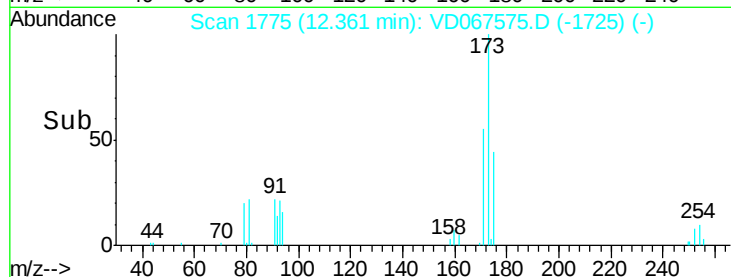
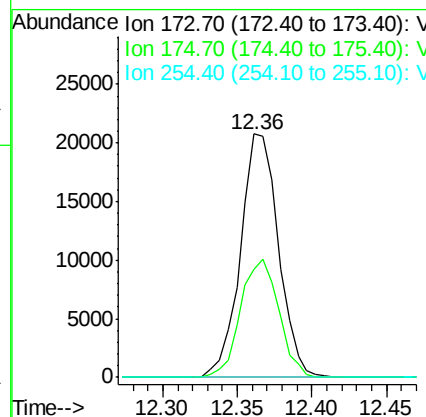
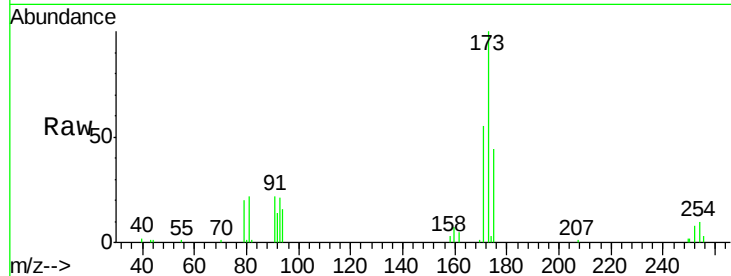
#71
Bromoform
Concen: 22.947 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.2
254	0.0	0.0	0.0

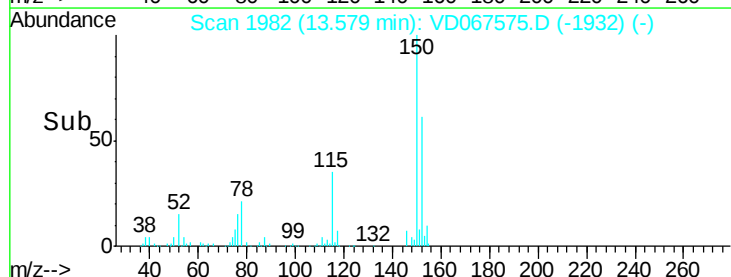
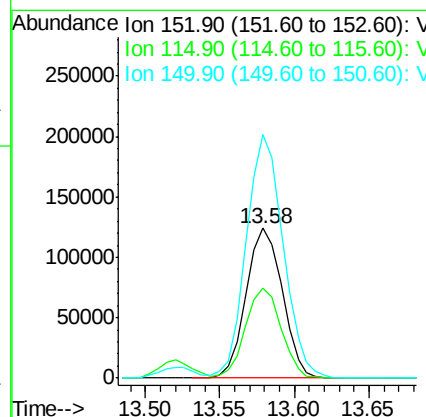
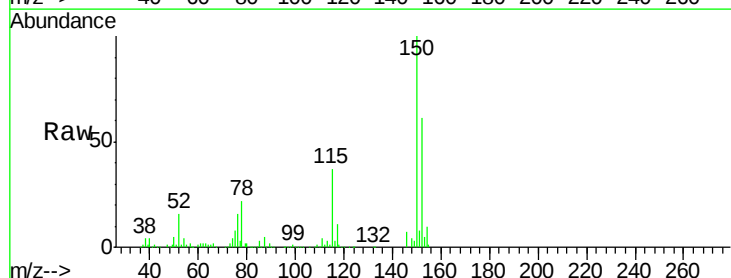
Manual Integrations
APPROVED

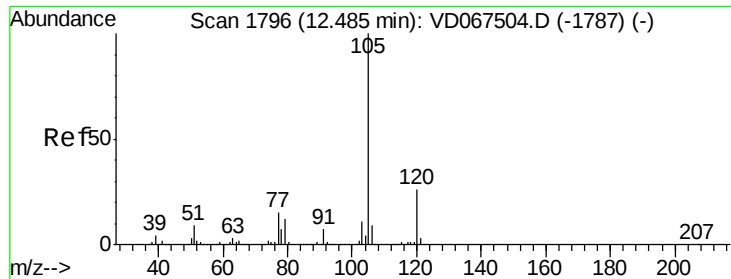
MMDadoda
11/11/2020 1:04:09 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	88.0
150	166.1	0.0	338.2





#73

Isopropylbenzene

Concen: 21.956 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBS01

Tot Ion:105 Resp: 294654

Ion Ratio Lower Upper

105 100

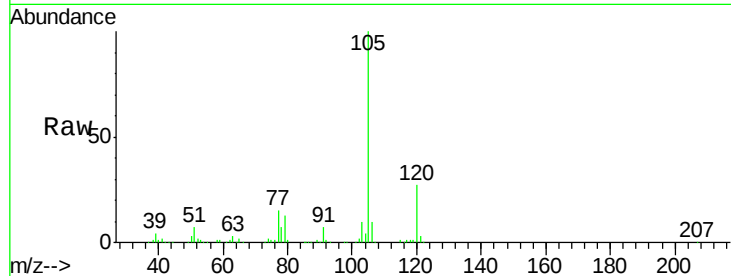
120 28.0 13.2 39.6

Manual Integrations

APPROVED

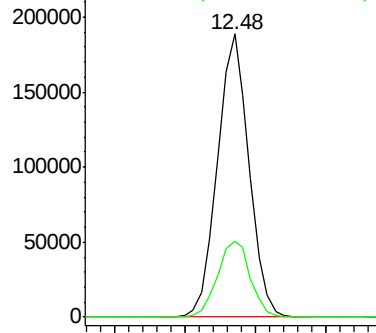
MMDadoda

11/11/2020 1:04:09 PM

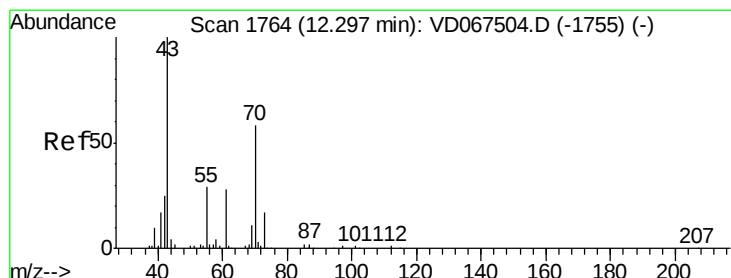
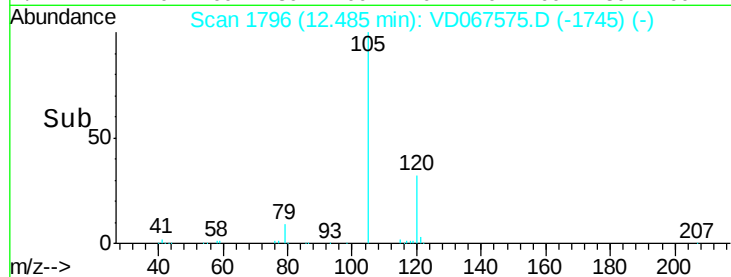


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 22.612 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion: 43 Resp: 39930

Ion Ratio Lower Upper

43 100

70 52.1 42.6 64.0

55 30.4 23.7 35.5

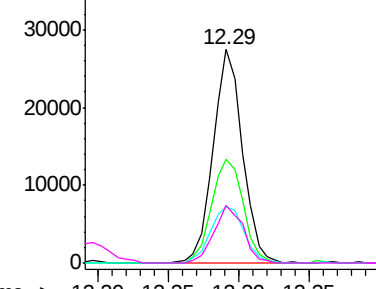
61 27.0 21.9 32.9

Abundance Ion 43.00 (42.70 to 43.70): V

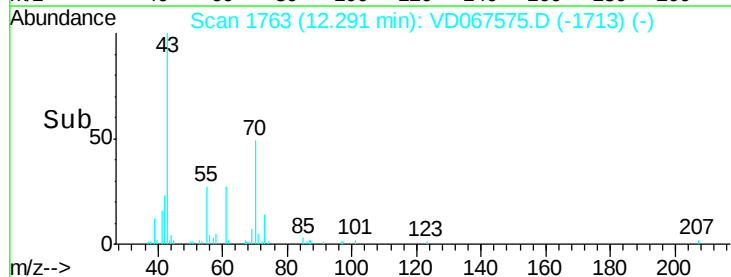
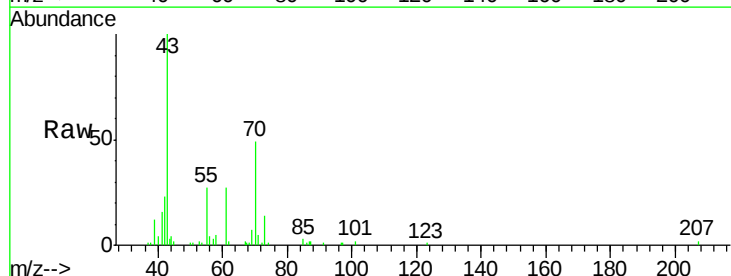
Ion 70.00 (69.70 to 70.70): V

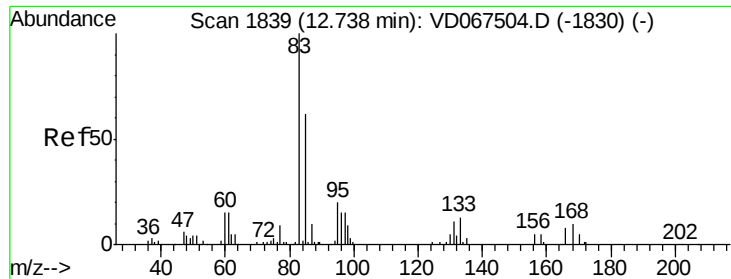
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.202 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

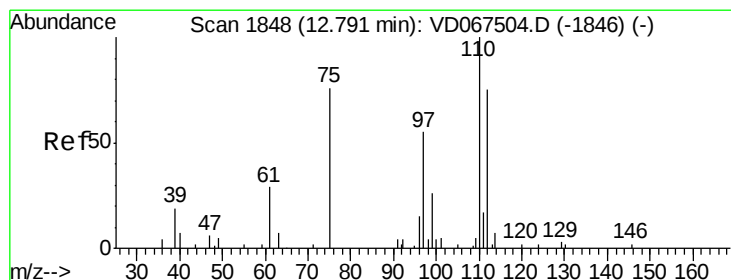
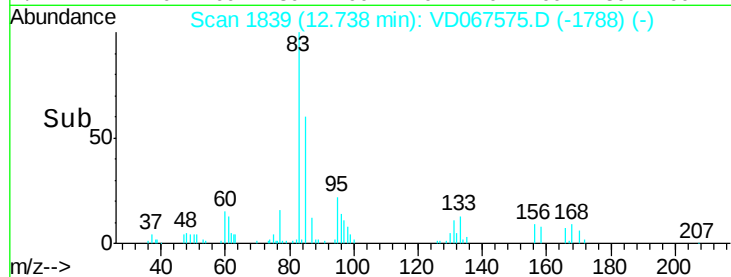
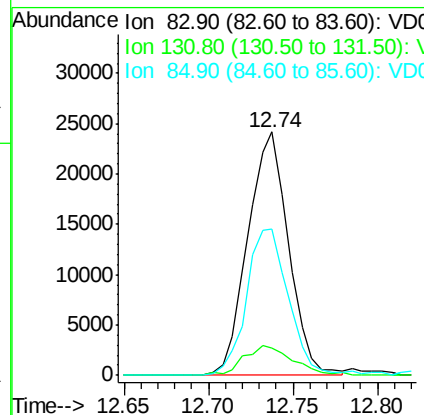
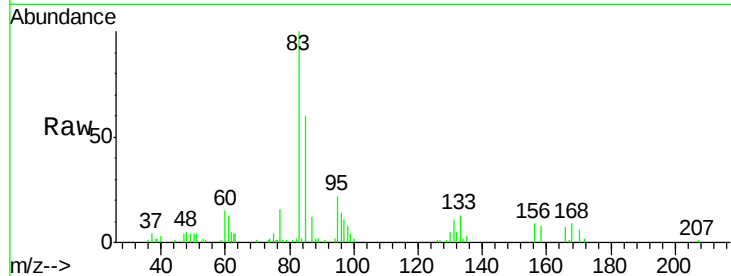
ClientSampleId :

VD1110SBS01

Tot Ion:	83	Resp:	40631
Ion Ratio	Lower	Upper	
83	100		
131	14.9	7.1	21.3
85	61.8	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.458 ug/l m

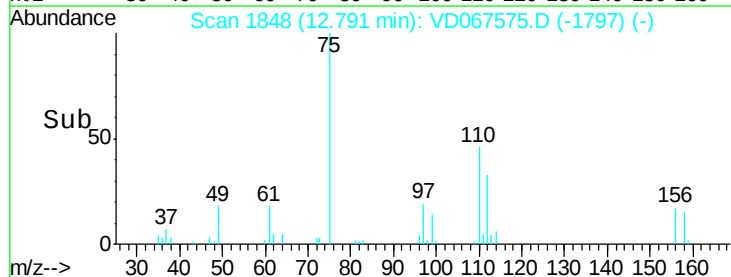
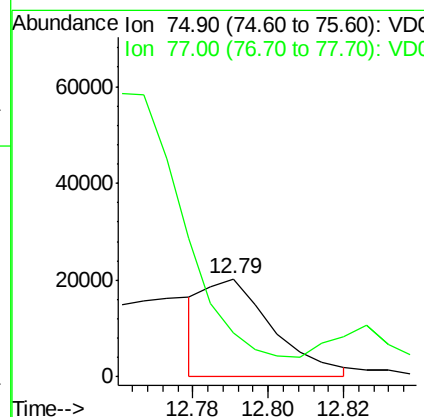
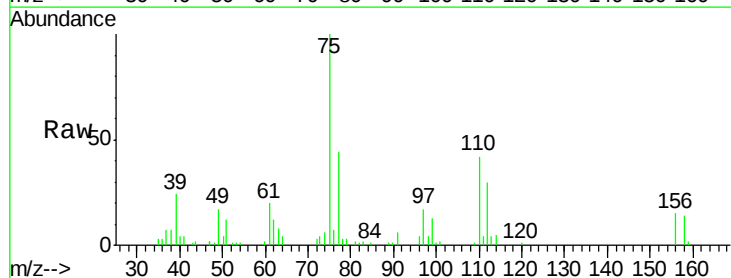
RT: 12.79 min Scan# 1848

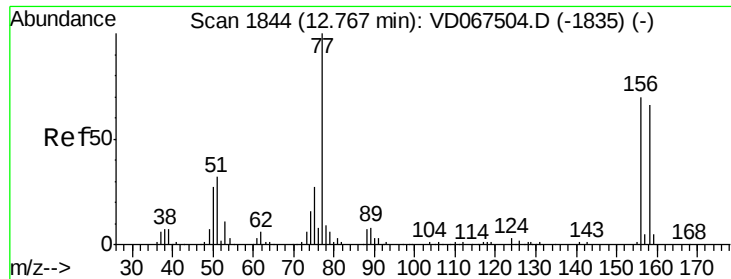
Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Tgt Ion:	75	Resp:	25628
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.499 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067575.D

Acq: 10 Nov 2020 11:54

Instrument :

MSVOA_D

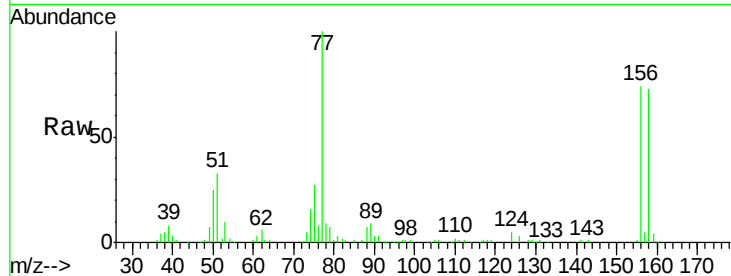
ClientSampleId :

VD1110SBS01

Tot Ion:	156	Resp:	74155
Ion Ratio	Lower	Upper	
156	100		
77	150.9	77.8	233.5
158	97.6	47.9	143.7

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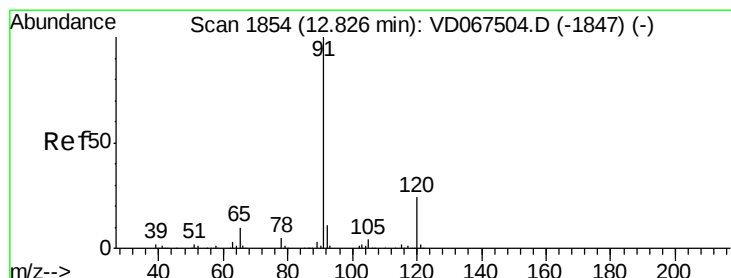
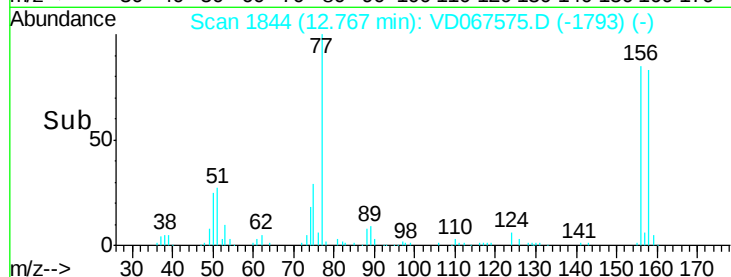
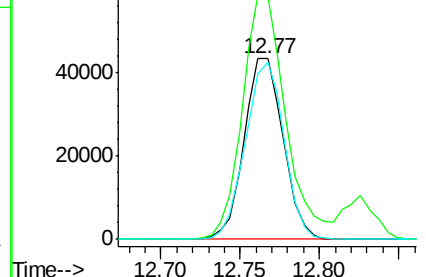
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.646 ug/l

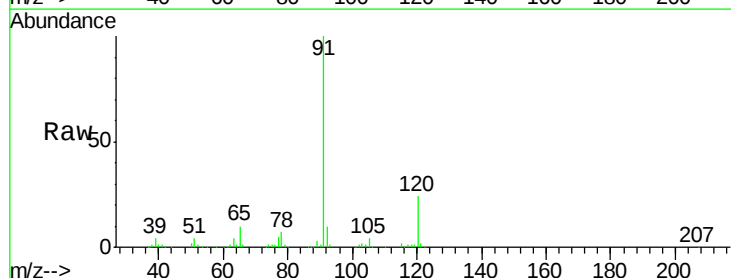
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067575.D

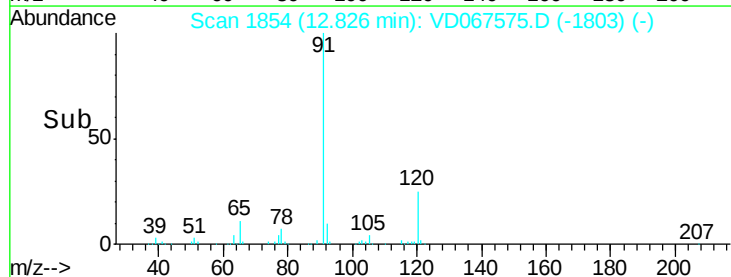
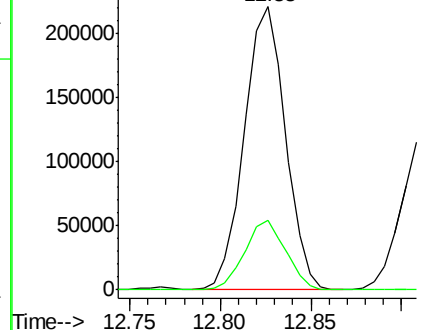
Acq: 10 Nov 2020 11:54

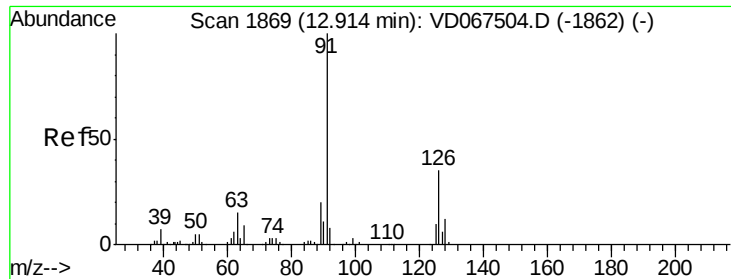
Tgt Ion:	91	Resp:	347624
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





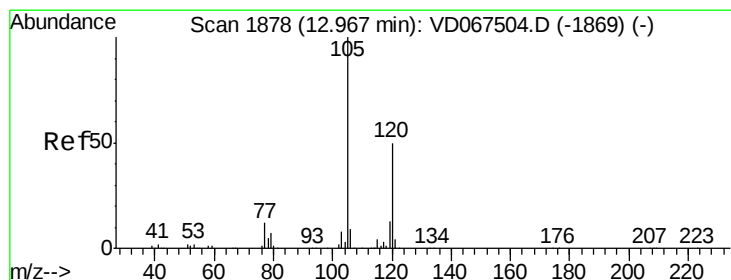
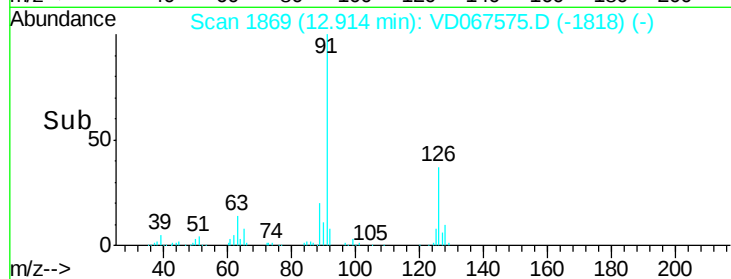
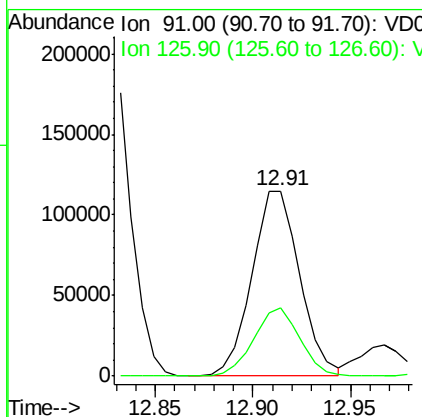
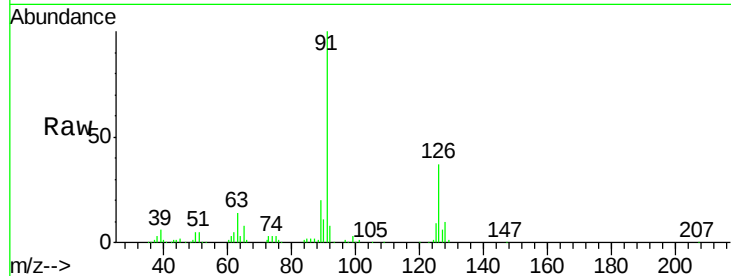
#79
2-Chlorotoluene
Concen: 22.381 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion: 91 Resp: 195159
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.4

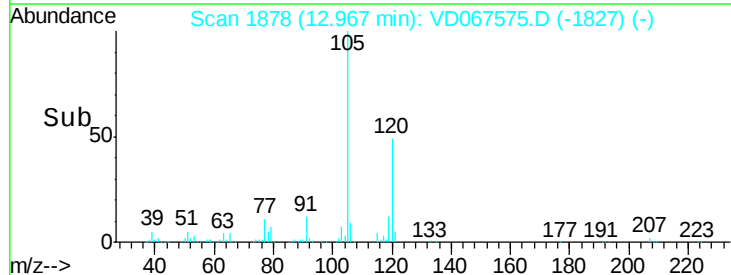
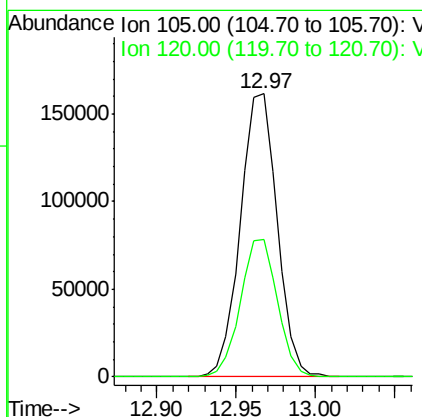
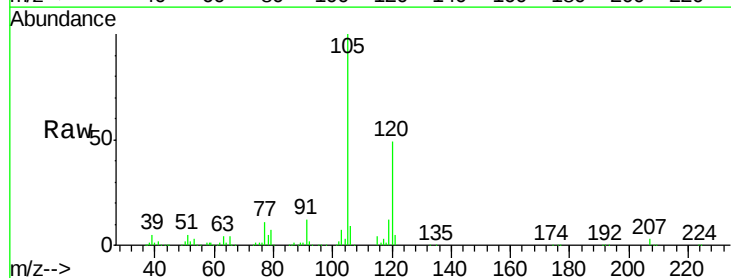
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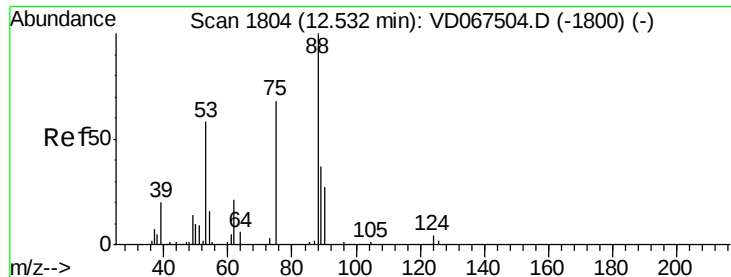
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#80
1,3,5-Trimethylbenzene
Concen: 22.742 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion: 105 Resp: 260722
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





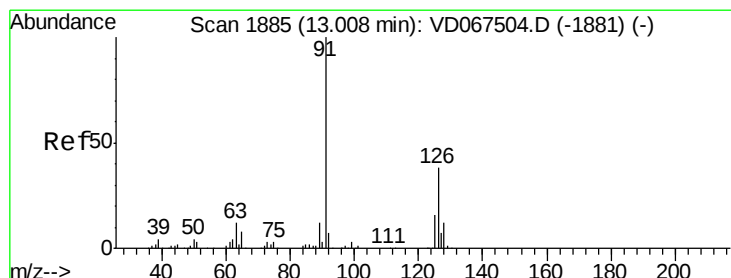
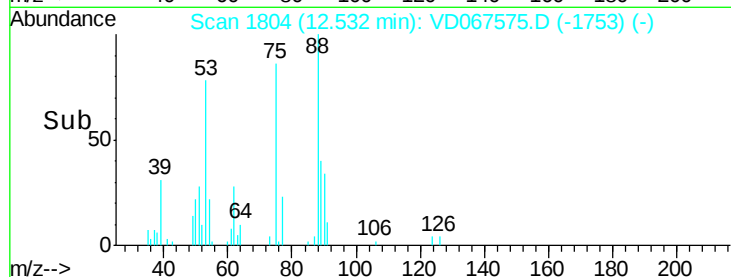
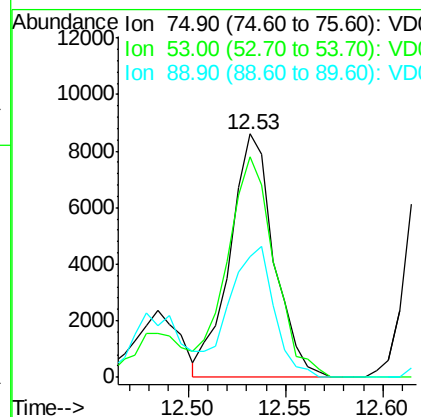
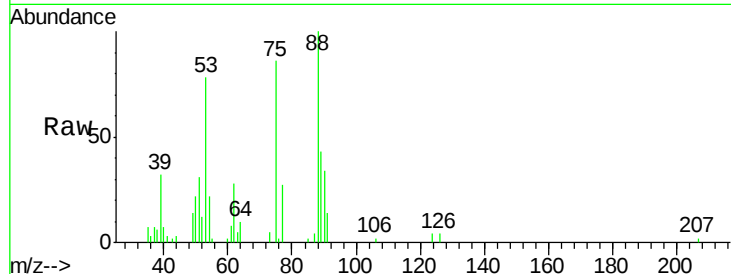
#81
trans-1,4-Dichloro-2-butene
Concen: 21.878 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	75.9	113.9
89	53.2	44.6	67.0

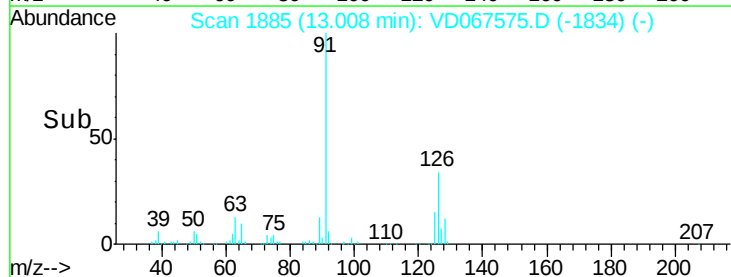
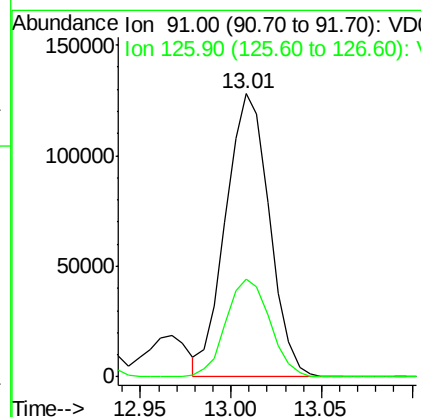
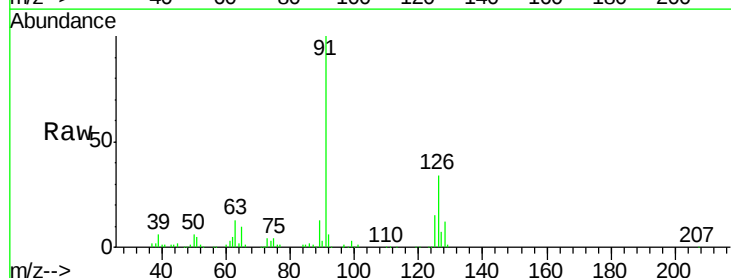
Manual Integrations
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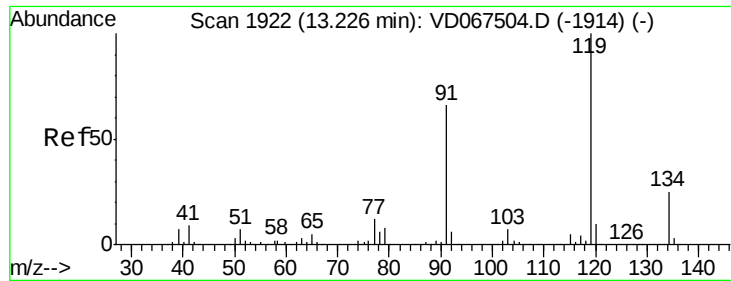
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#82
4-Chlorotoluene
Concen: 22.922 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.9	53.7





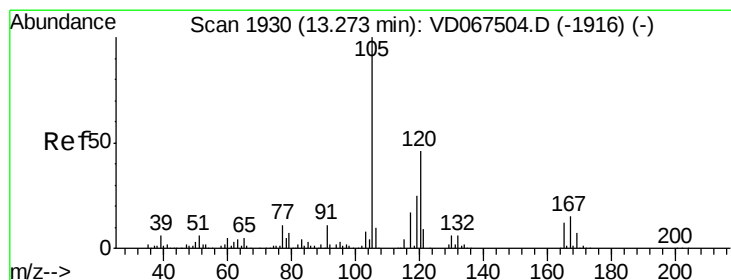
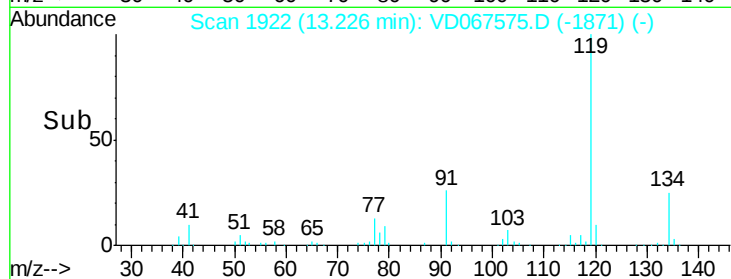
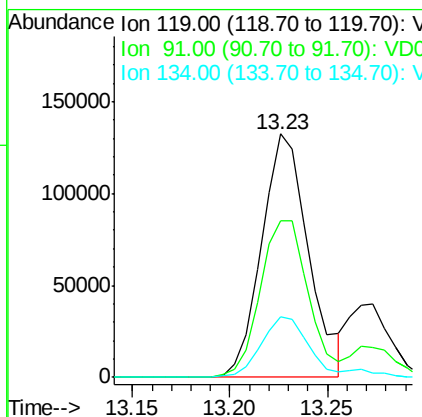
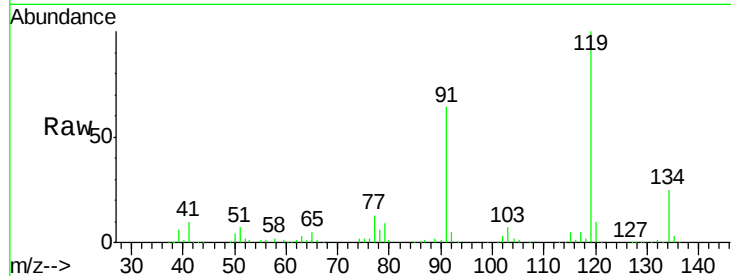
#83
tert-Butylbenzene
Concen: 22.759 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.7	98.1
134	24.6	13.4	40.2

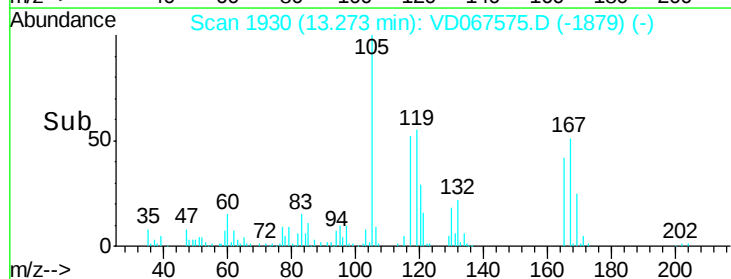
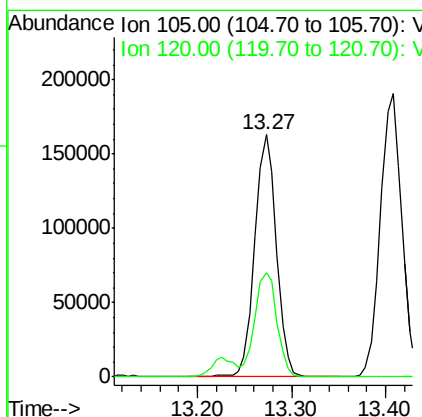
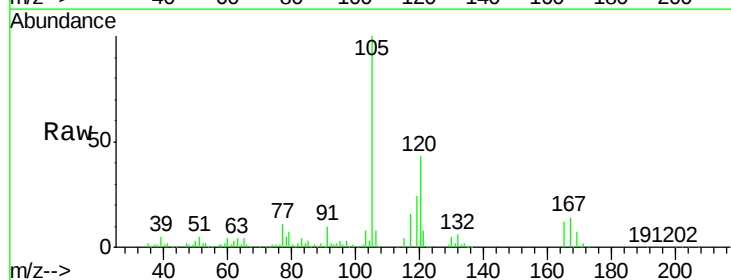
Manual Integrations
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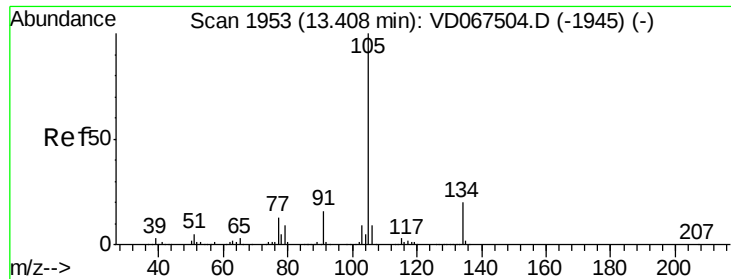
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#84
1,2,4-Trimethylbenzene
Concen: 22.812 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1





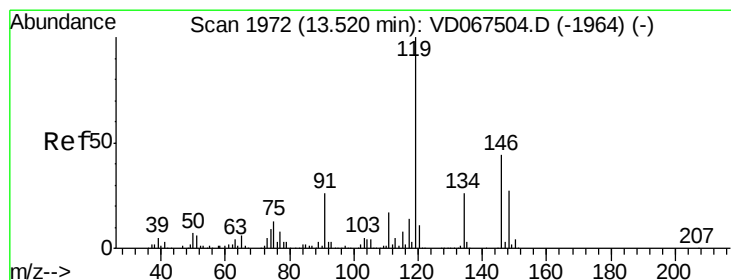
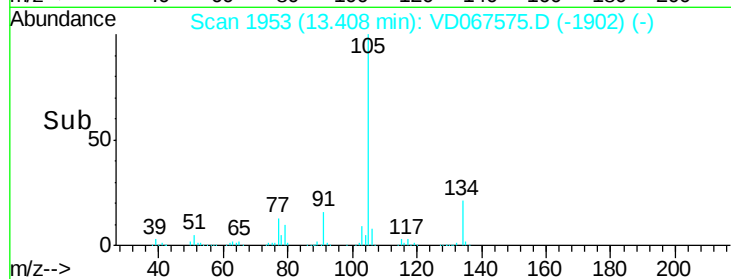
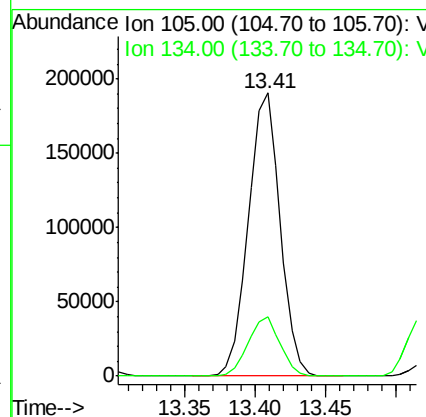
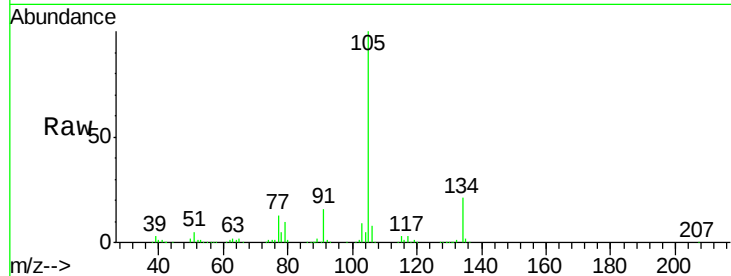
#85
 sec-Butylbenzene
 Concen: 22.909 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.4

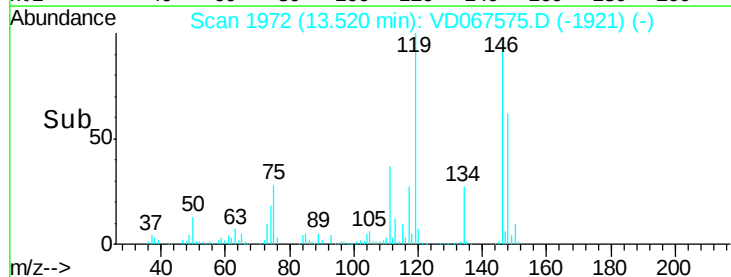
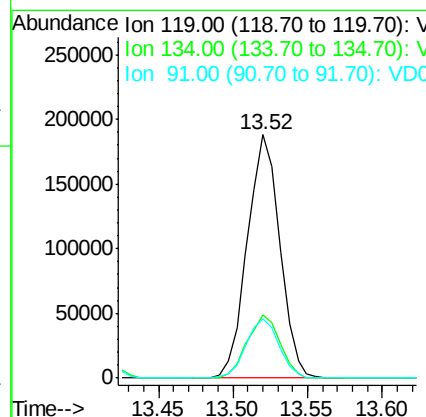
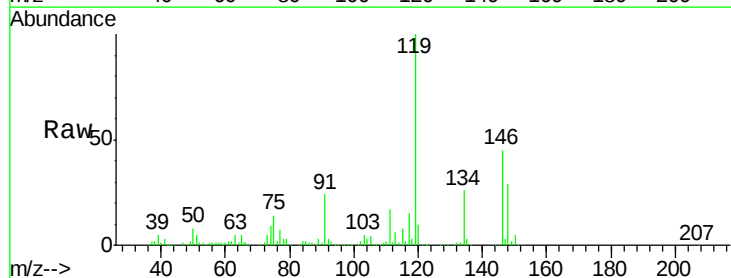
Manual Integrations
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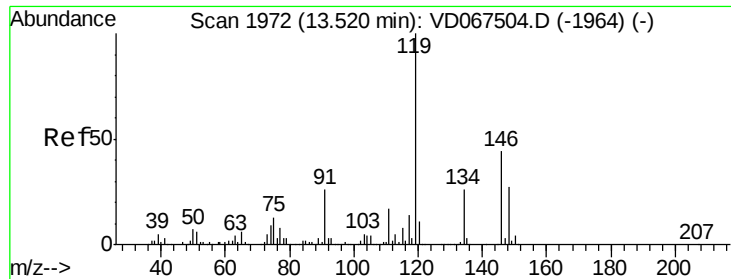
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#86
 p-Isopropyltoluene
 Concen: 22.445 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	24.1	12.2	36.4





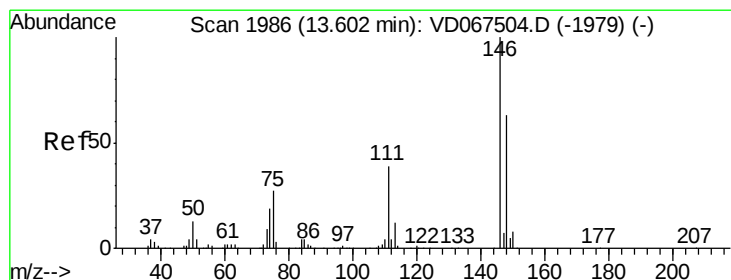
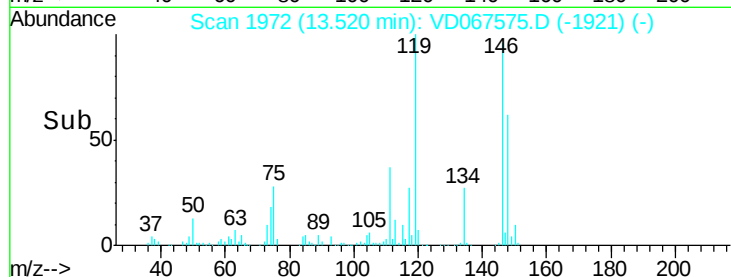
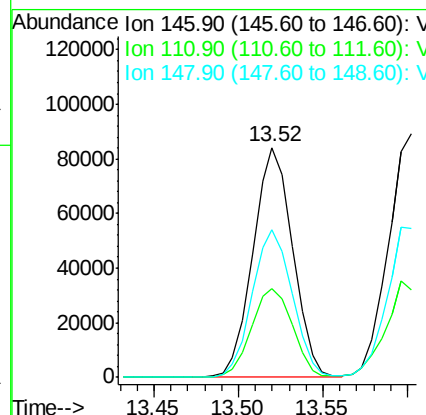
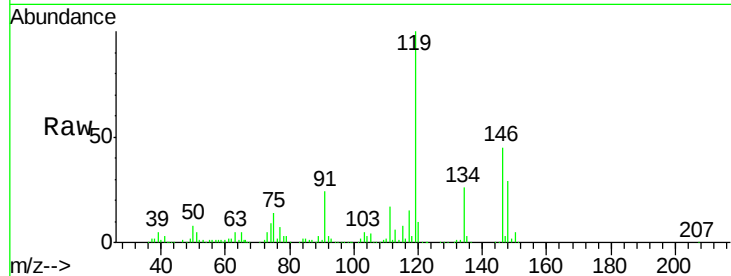
#87
 1,3-Dichlorobenzene
 Concen: 21.849 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	65.0	31.9	95.9

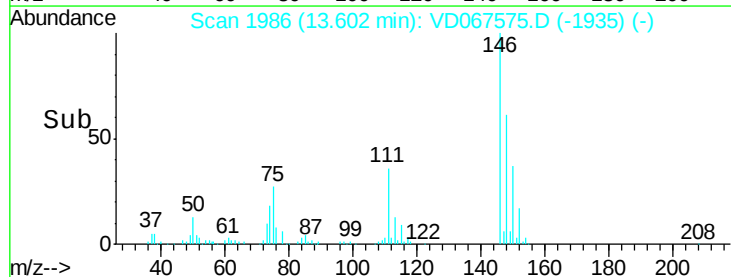
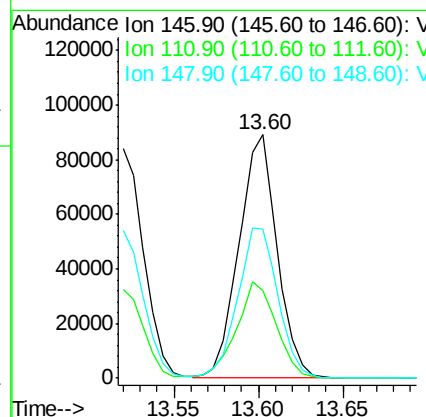
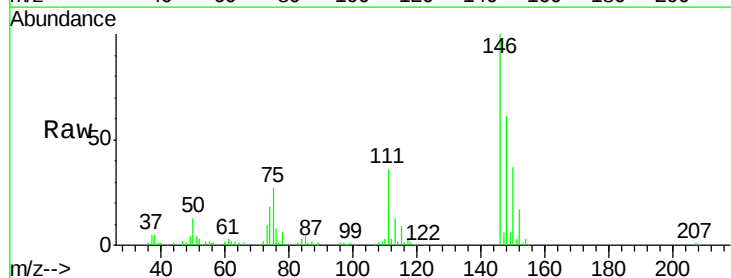
Manual Integrations
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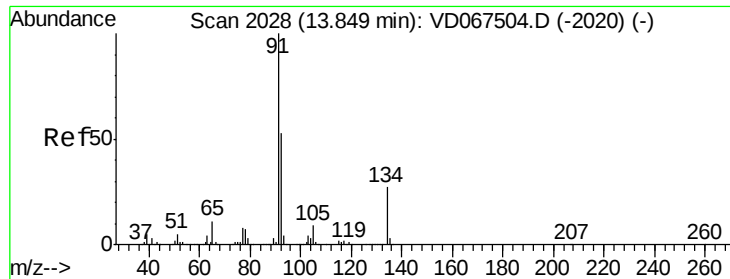
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 11/11/2020 1:04:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 22.059 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.7
148	64.9	31.8	95.4





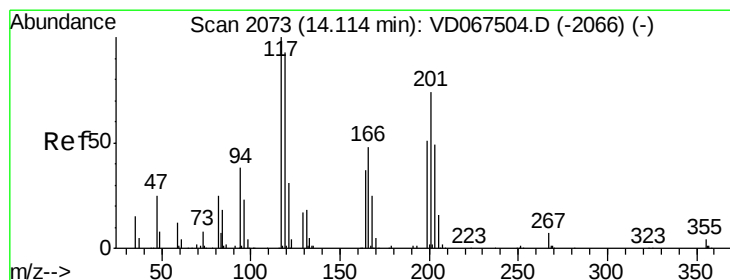
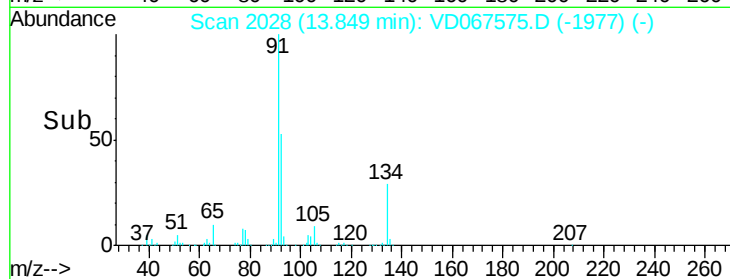
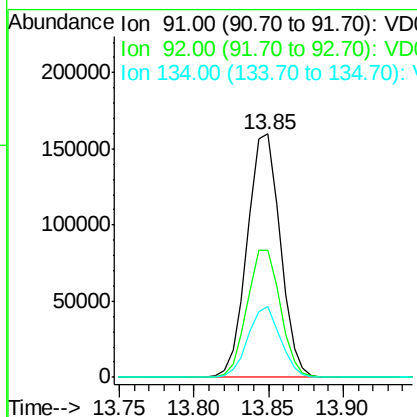
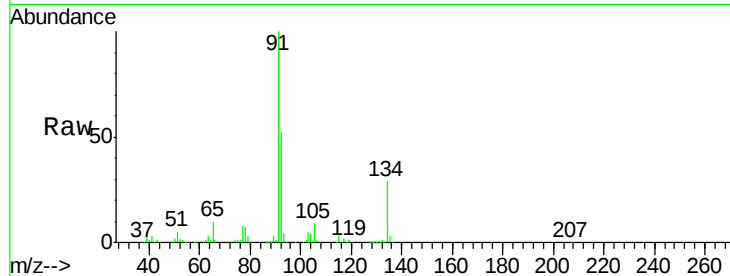
#89
n-Butylbenzene
Concen: 22.380 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	28.4	14.1	42.2

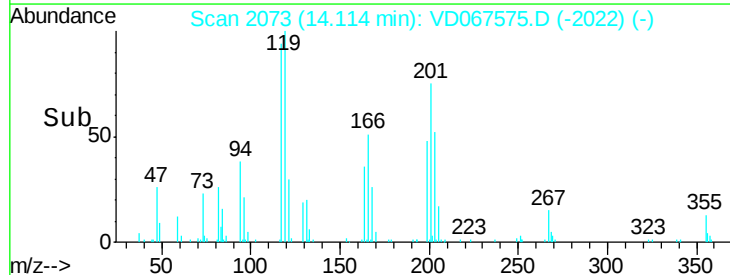
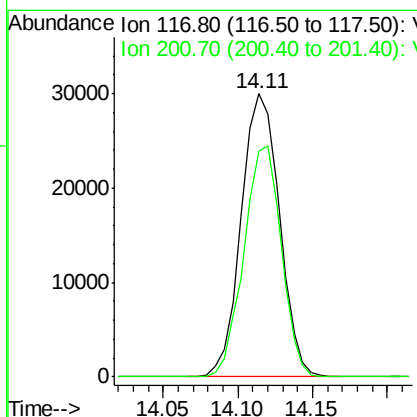
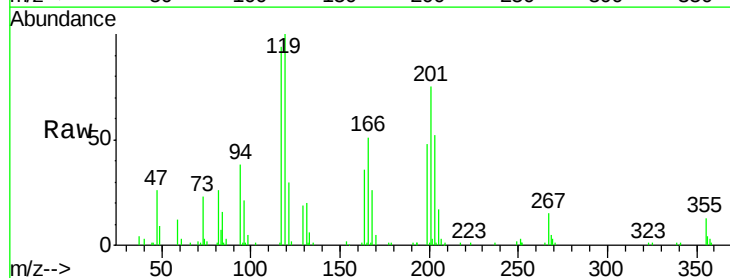
Manual Integrations
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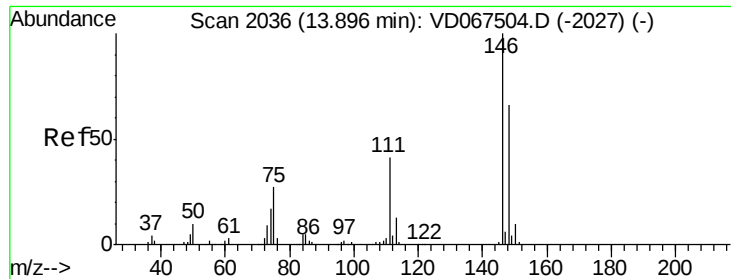
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#90
Hexachloroethane
Concen: 22.308 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	40.7	122.1





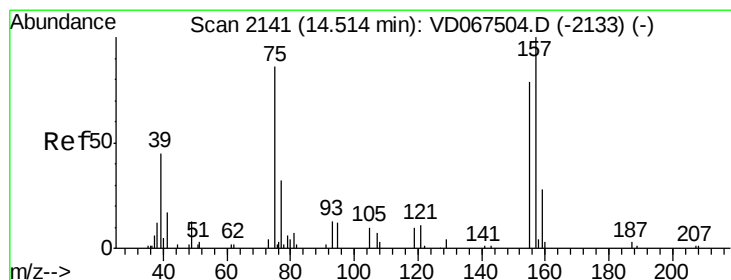
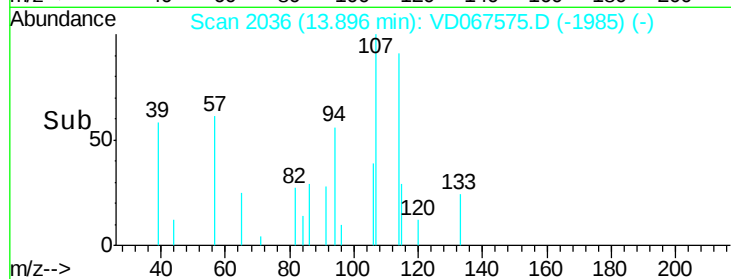
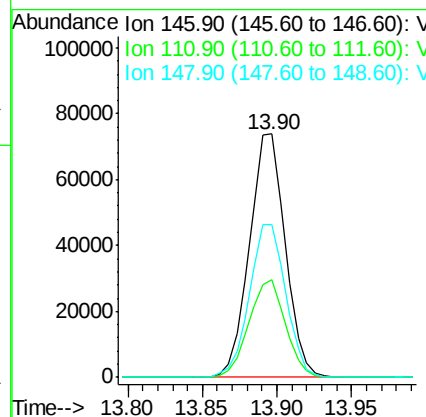
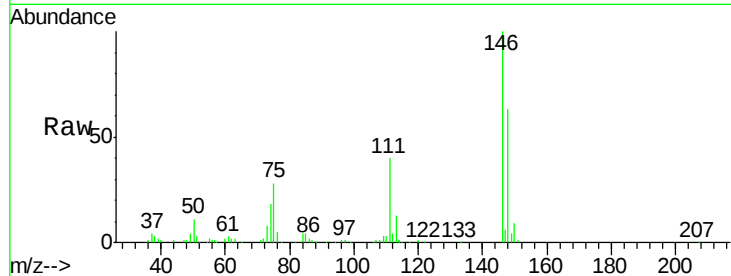
#91
 1,2-Dichlorobenzene
 Concen: 22.412 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	63.9	31.5	94.5

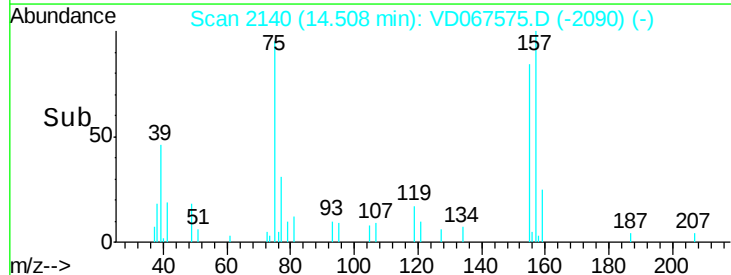
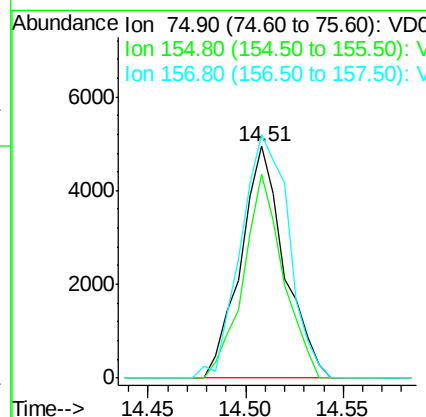
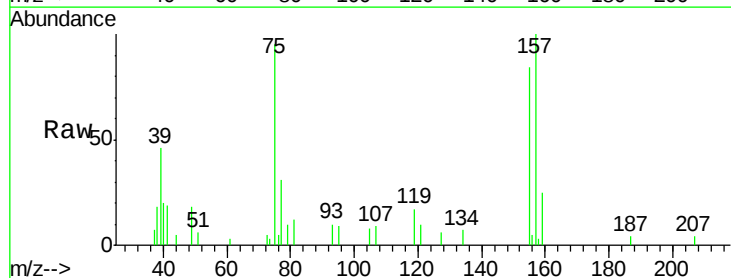
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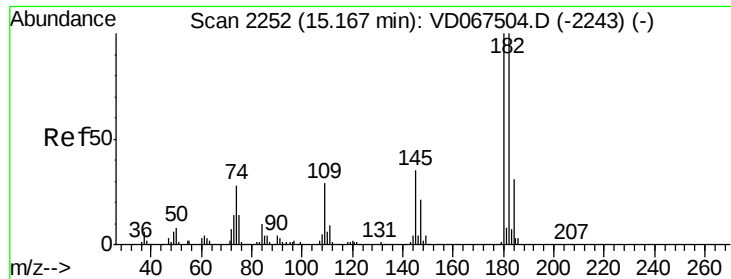
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.632 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	46.6	139.8
157	116.2	58.1	174.2





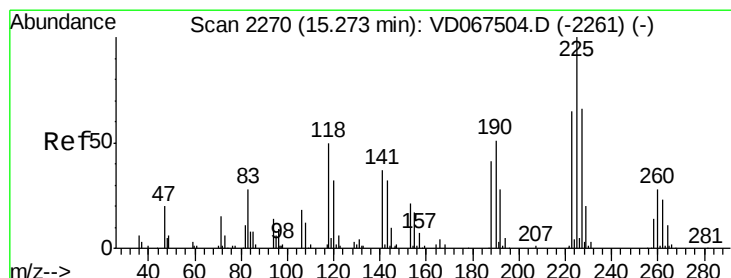
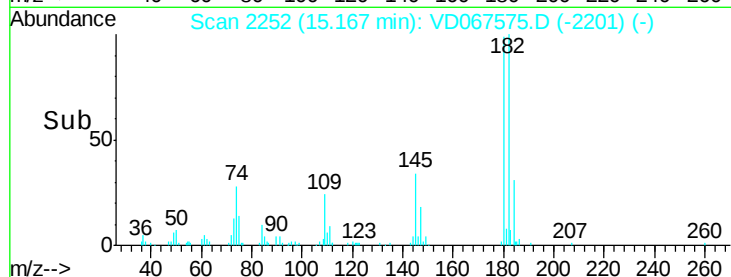
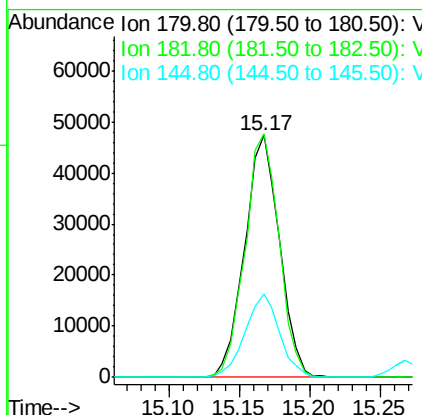
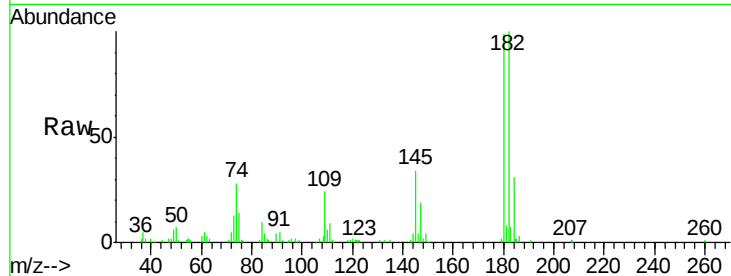
#93
 1,2,4-Trichlorobenzene
 Concen: 22.239 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.4	142.3
145	33.9	16.2	48.6

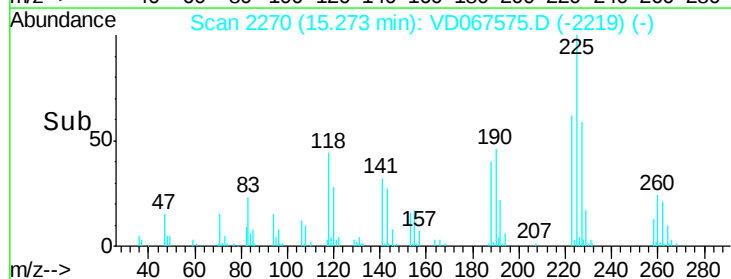
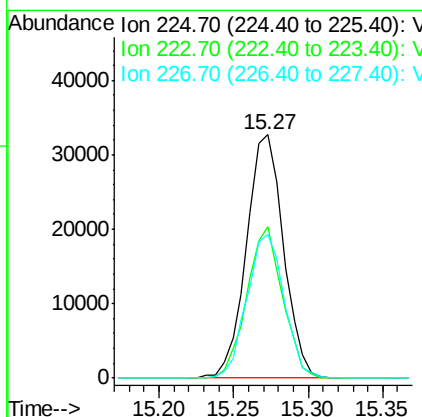
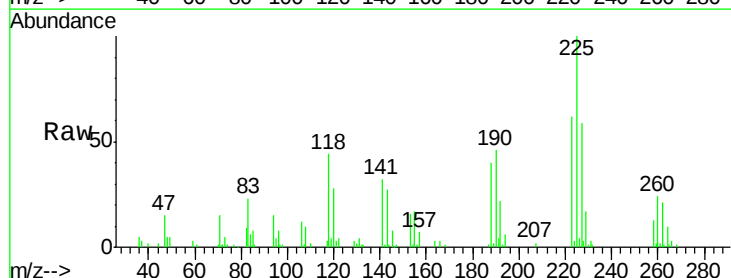
Manual Integrations
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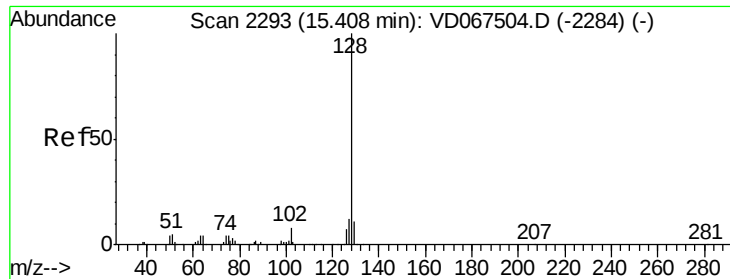
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#94
 Hexachlorobutadiene
 Concen: 22.692 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067575.D
 Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	31.9	95.5
227	59.1	32.5	97.4





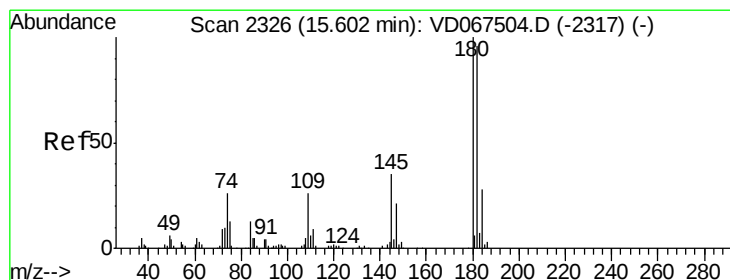
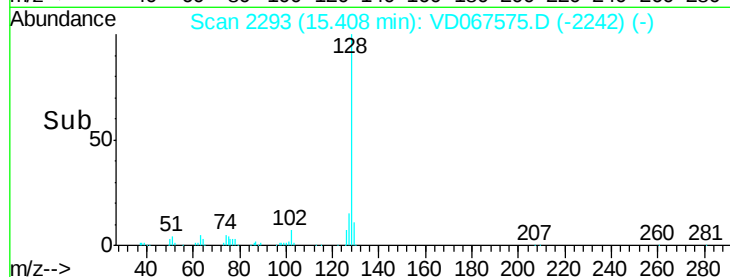
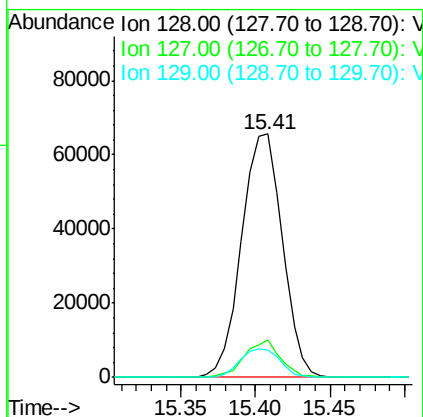
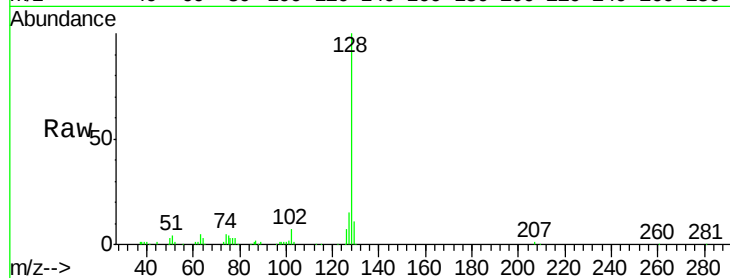
#95
Naphthalene
Concen: 21.852 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.5	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.793 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067575.D
Acq: 10 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.9	140.8
145	34.1	17.1	51.2

