

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067825.D
 Acq On : 30 Nov 2020 20:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:49 PM

Quant Time: Dec 01 01:06:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	210040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	315799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	279042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	148883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	116077	56.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.68%
35) Dibromofluoromethane	7.91	113	103033	51.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.54%
50) Toluene-d8	10.34	98	377865	51.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.86%
62) 4-Bromofluorobenzene	12.64	95	126613	50.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	90635	49.586	ug/l	98
3) Chloromethane	2.20	50	49179	48.329	ug/l	100
4) Vinyl Chloride	2.35	62	60393	47.363	ug/l	97
5) Bromomethane	2.77	94	53983	49.690	ug/l	84
6) Chloroethane	2.92	64	40318	47.442	ug/l	99
7) Trichlorofluoromethane	3.27	101	199616	51.301	ug/l	97
8) Diethyl Ether	3.71	74	38705	49.268	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	89752	48.169	ug/l	100
10) Methyl Iodide	4.30	142	91869	48.170	ug/l	100
11) Tert butyl alcohol	5.23	59	29785	283.071	ug/l	98
12) 1,1-Dichloroethene	4.07	96	81394	47.209	ug/l	98
13) Acrolein	3.91	56	17980	212.405	ug/l	93
14) Allyl chloride	4.71	41	79789	47.874	ug/l	94
15) Acrylonitrile	5.42	53	71131	259.961	ug/l	97
16) Acetone	4.16	43	65174	247.028	ug/l #	88
17) Carbon Disulfide	4.40	76	234363	46.998	ug/l	98
18) Methyl Acetate	4.73	43	26633	50.176	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	201831	54.774	ug/l	98
20) Methylene Chloride	4.96	84	96853	48.251	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	100258	51.148	ug/l	94
22) Diisopropyl ether	6.36	45	163494	49.696	ug/l	92
23) Vinyl Acetate	6.31	43	497789	268.237	ug/l	96
24) 1,1-Dichloroethane	6.26	63	143085	51.299	ug/l	99
25) 2-Butanone	7.21	43	75071	253.568	ug/l	99
26) 2,2-Dichloropropane	7.21	77	159645	48.517	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	107147	51.283	ug/l	98
28) Bromochloromethane	7.55	49	47887	53.598	ug/l	96
29) Tetrahydrofuran	7.57	42	43262	257.011	ug/l	92
30) Chloroform	7.71	83	188084	51.567	ug/l	97
31) Cyclohexane	7.99	56	103111	41.727	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	197727	51.188	ug/l	99
36) 1,1-Dichloropropene	8.11	75	127175	46.930	ug/l	98
37) Ethyl Acetate	7.29	43	35534	48.765	ug/l	96
38) Carbon Tetrachloride	8.10	117	191690	48.799	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	156604	48.832	ug/l	99
40) Benzene	8.36	78	367216	49.339	ug/l	98
41) Methacrylonitrile	7.54	41	19764m	53.116	ug/l	
42) 1,2-Dichloroethane	8.43	62	135847	53.794	ug/l	98
43) Isopropyl Acetate	8.46	43	74539	51.223	ug/l	97
44) Trichloroethene	9.11	130	124362	50.416	ug/l	98
45) 1,2-Dichloropropane	9.39	63	75040	49.137	ug/l	91
46) Dibromomethane	9.48	93	54231	52.160	ug/l	96
47) Bromodichloromethane	9.66	83	152825	52.785	ug/l	92
48) Methyl methacrylate	9.46	41	35994	49.476	ug/l	93
49) 1,4-Dioxane	9.46	88	12646	1122.335	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	183013	267.274	ug/l	99
52) Toluene	10.41	92	259301	51.357	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	128333	50.735	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	142247	49.691	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	70533	50.560	ug/l	97
56) Ethyl methacrylate	10.66	69	78410	54.289	ug/l	99
57) 1,3-Dichloropropane	10.95	76	109661	49.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	199028	294.921	ug/l	96
59) 2-Hexanone	10.99	43	120811	249.895	ug/l	99
60) Dibromochloromethane	11.14	129	105379	49.571	ug/l	98
61) 1,2-Dibromoethane	11.25	107	68961	50.170	ug/l	99
64) Tetrachloroethene	10.88	164	110206	50.886	ug/l	92
65) Chlorobenzene	11.67	112	281874	51.396	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	115944	52.263	ug/l	98
67) Ethyl Benzene	11.75	91	487689	51.509	ug/l	99
68) m/p-Xylenes	11.86	106	376263	102.122	ug/l	99
69) o-Xylene	12.18	106	175994	52.463	ug/l	99
70) Styrene	12.20	104	299698	52.450	ug/l	100
71) Bromoform	12.36	173	62772	52.123	ug/l #	99
73) Isopropylbenzene	12.48	105	484838	49.494	ug/l	100
74) N-amyl acetate	12.29	43	63578	49.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	65939	50.157	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	48798m	47.028	ug/l	
77) Bromobenzene	12.76	156	125388	51.134	ug/l	97
78) n-propylbenzene	12.83	91	553550	50.792	ug/l	100
79) 2-Chlorotoluene	12.91	91	318421	49.348	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	434550	51.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22578	50.892	ug/l	95
82) 4-Chlorotoluene	13.01	91	344119	50.051	ug/l	99
83) tert-Butylbenzene	13.23	119	360488	49.238	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	435192	51.132	ug/l	99
85) sec-Butylbenzene	13.40	105	470139	48.880	ug/l	99
86) p-Isopropyltoluene	13.52	119	464728	49.885	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	236287	49.789	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	235974	50.195	ug/l	100
89) n-Butylbenzene	13.84	91	393970	49.349	ug/l	99
90) Hexachloroethane	14.11	117	88413	49.854	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	202609	49.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13966	49.274	ug/l	90

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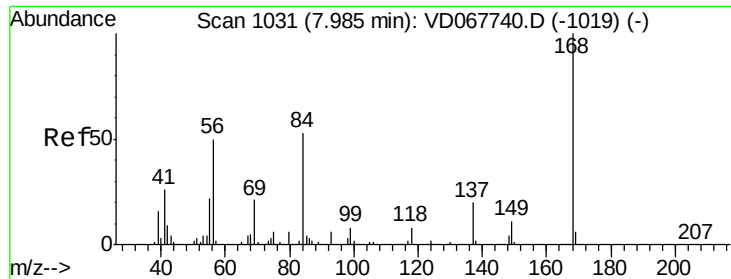
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	154793	53.475	ug/l	99
94) Hexachlorobutadiene	15.27	225	94260	50.965	ug/l	98
95) Naphthalene	15.40	128	258346	55.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	131835	53.468	ug/l	99

(#) = 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: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 210040

Ion Ratio Lower Upper

168 100

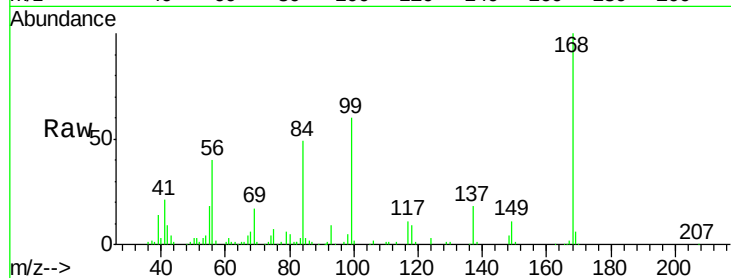
99 59.5 43.8 65.8

Manual Integrations

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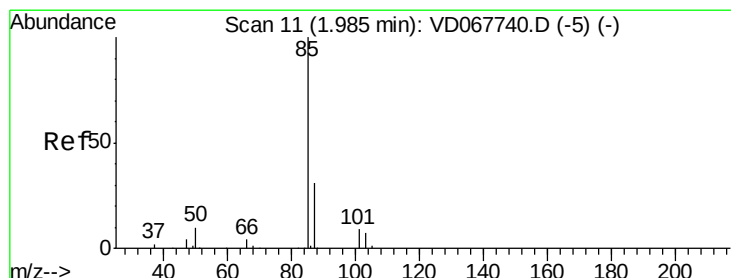
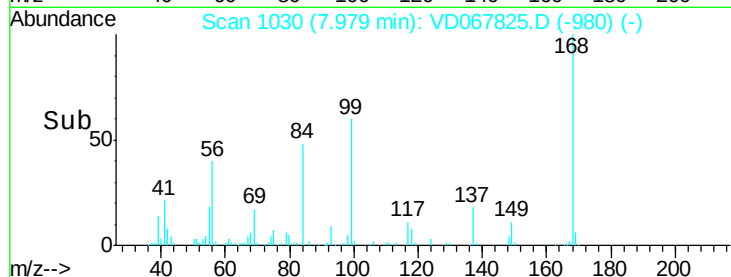
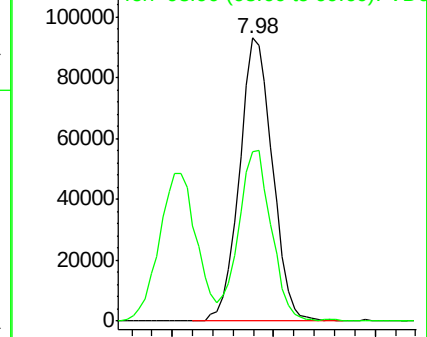
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.586 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067825.D

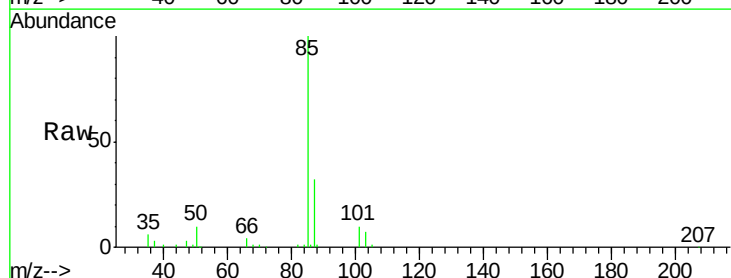
Acq: 30 Nov 2020 20:10

Tgt Ion: 85 Resp: 90635

Ion Ratio Lower Upper

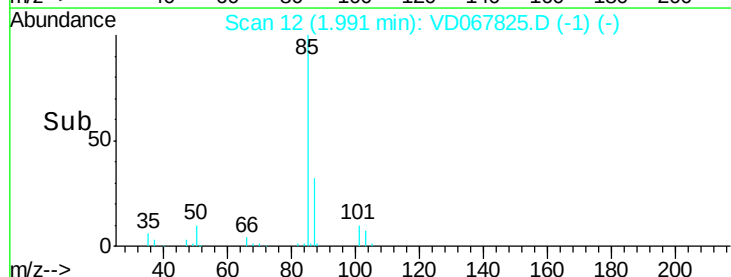
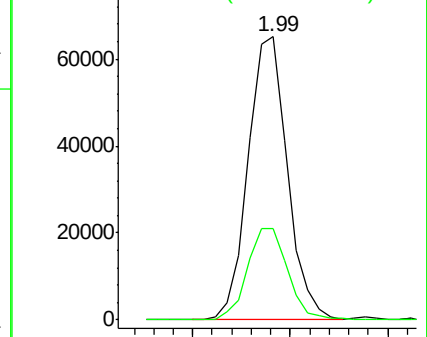
85 100

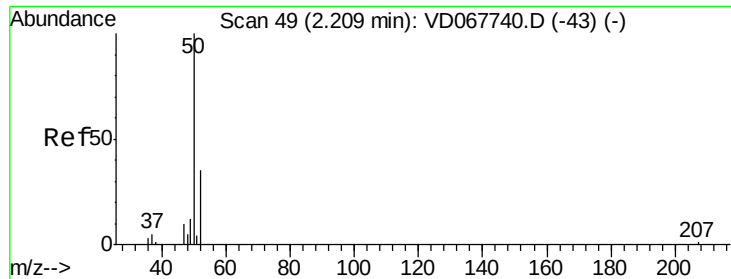
87 32.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.329 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 49179

Ion Ratio Lower Upper

50 100

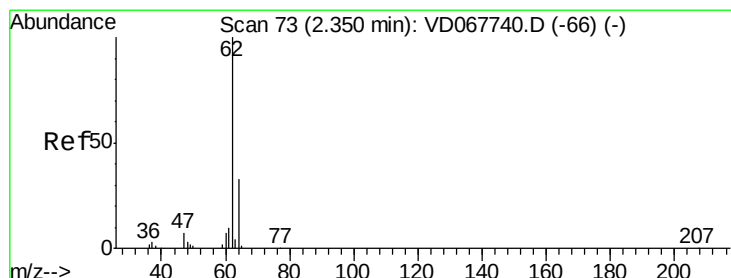
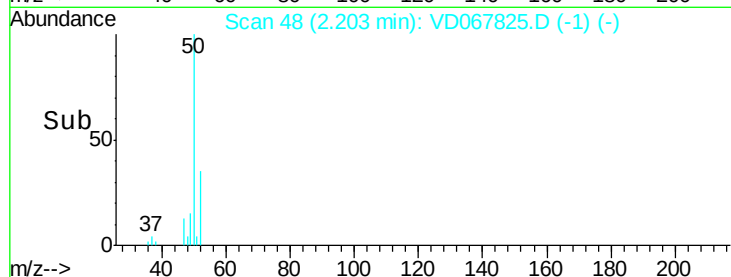
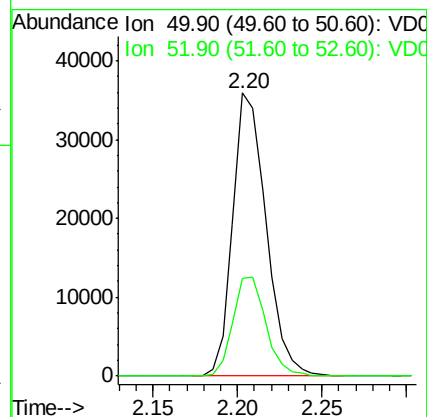
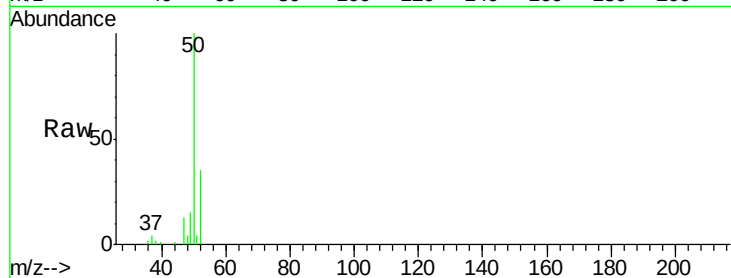
52 34.6 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.363 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067825.D

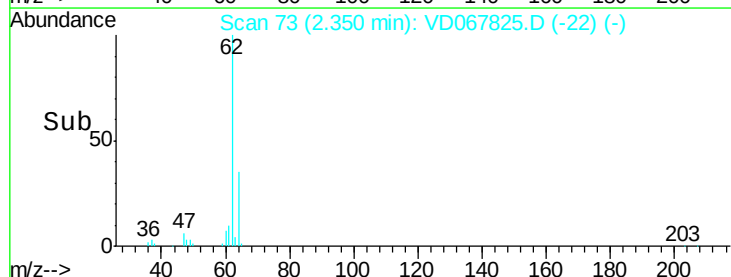
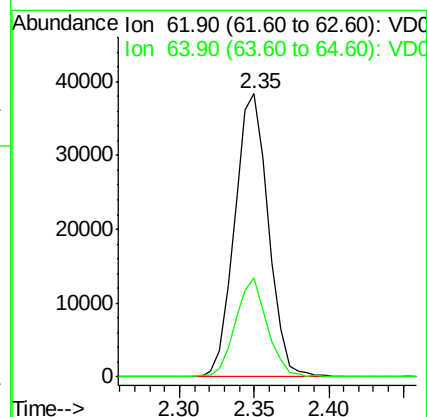
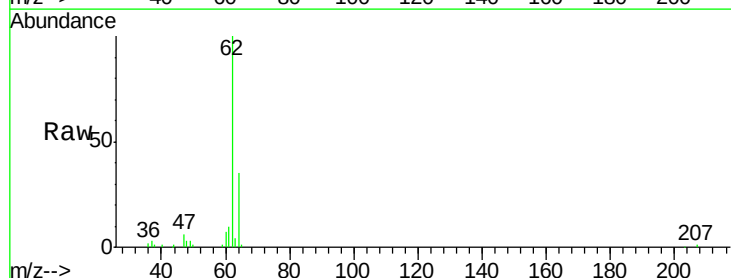
Acq: 30 Nov 2020 20:10

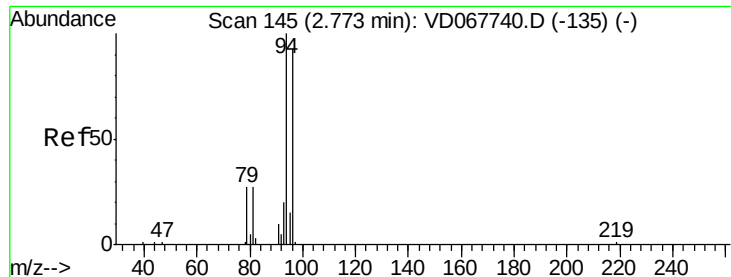
Tgt Ion: 62 Resp: 60393

Ion Ratio Lower Upper

62 100

64 35.0 26.6 40.0





#5

Bromomethane

Concen: 49.690 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 53983

Ion Ratio Lower Upper

94 100

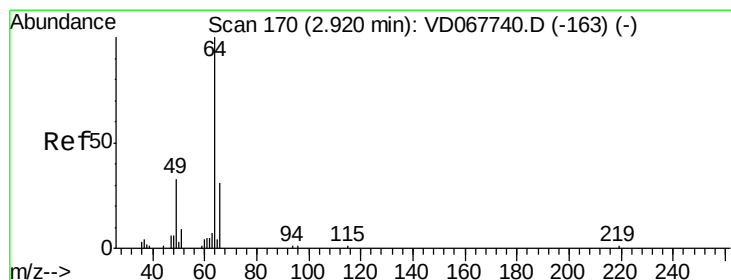
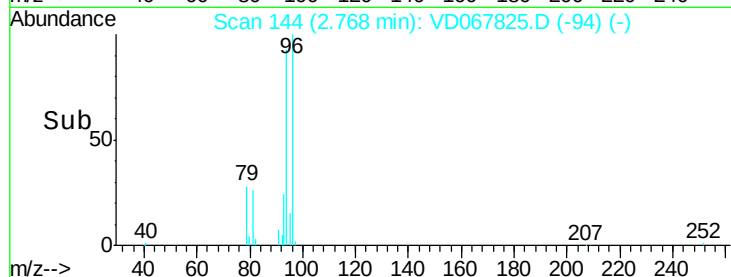
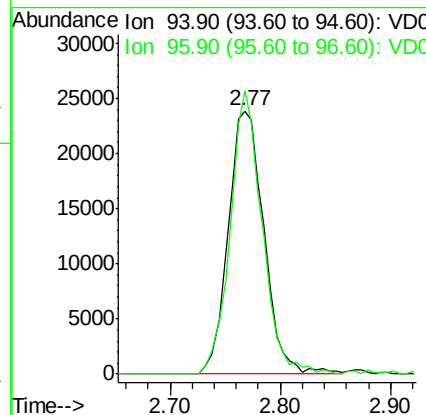
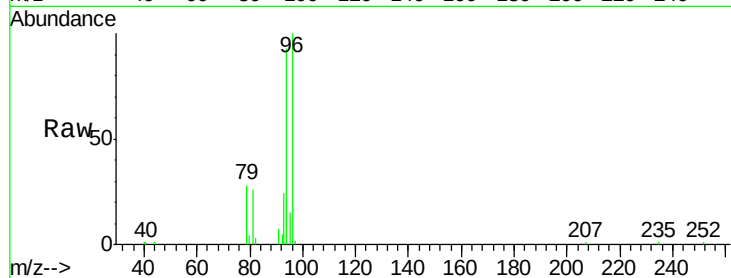
96 107.4 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 47.442 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067825.D

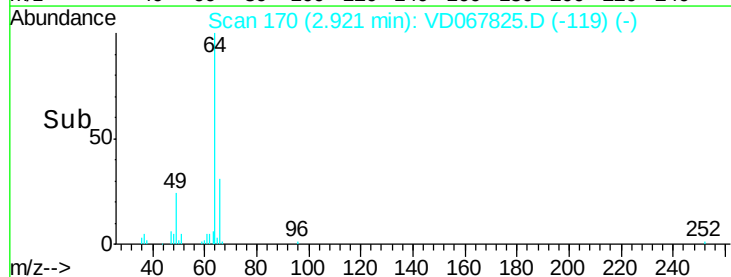
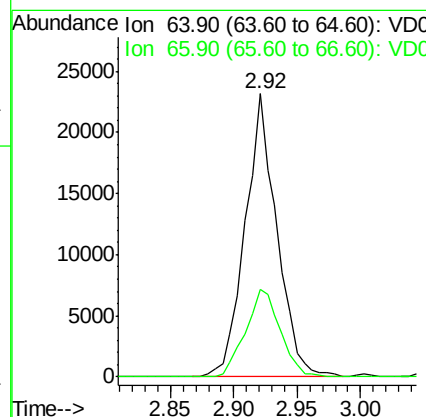
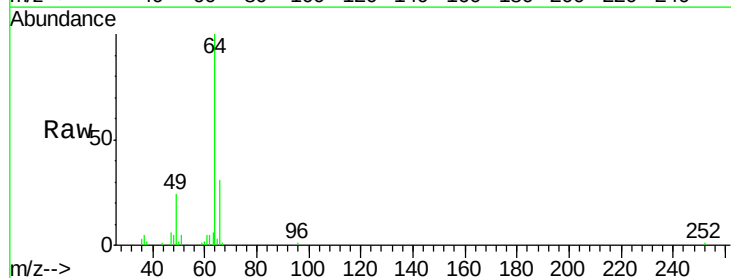
Acq: 30 Nov 2020 20:10

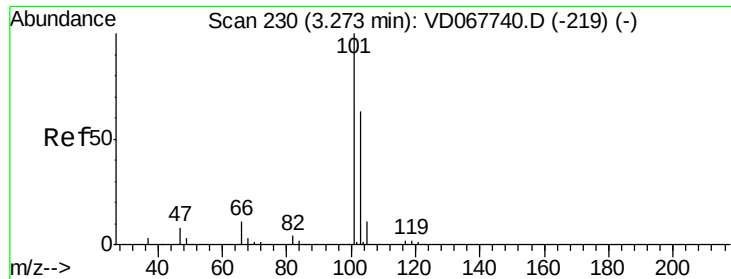
Tgt Ion: 64 Resp: 40318

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7





#7

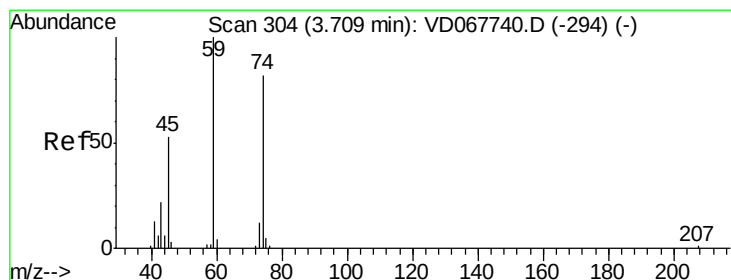
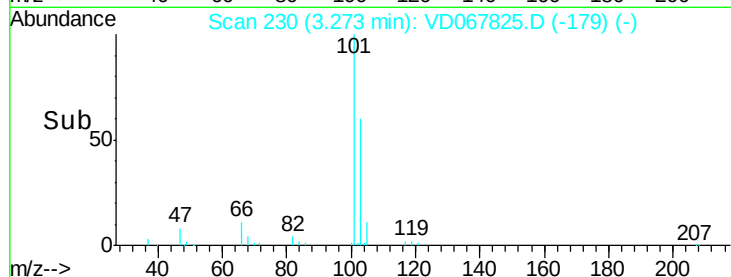
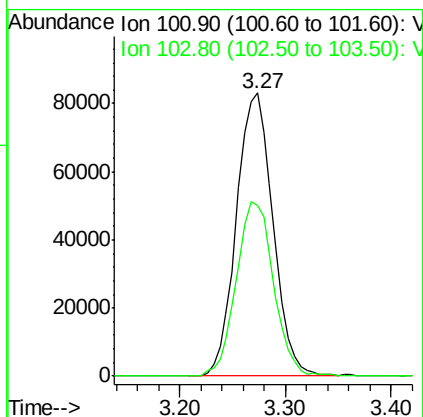
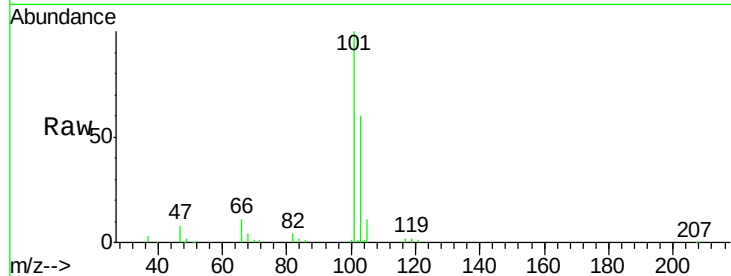
Trichlorofluoromethane
 Concen: 51.301 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.3	50.3	75.5

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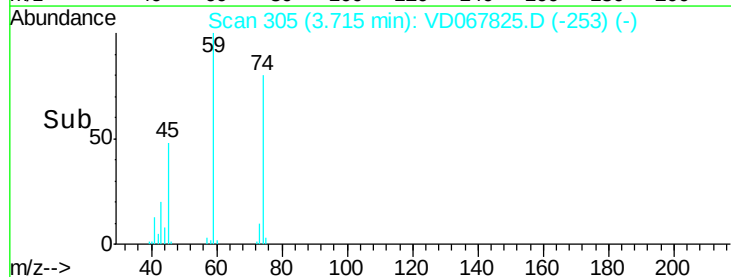
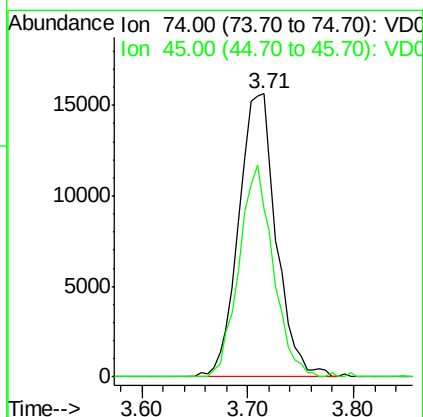
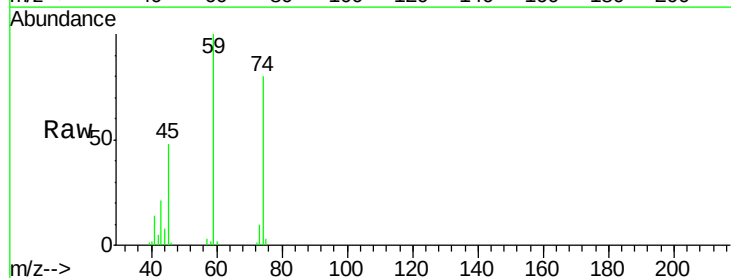
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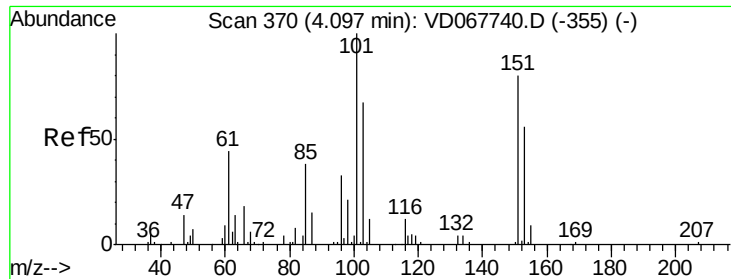


#8

Diethyl Ether
 Concen: 49.268 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	67.4	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.169 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

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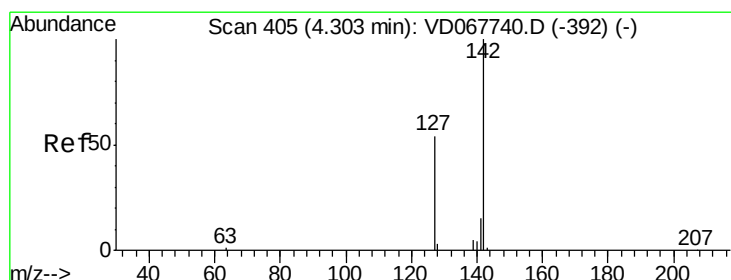
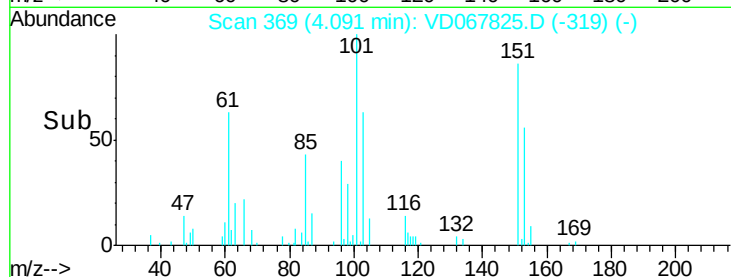
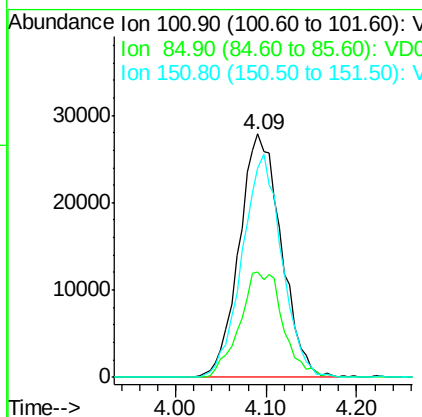
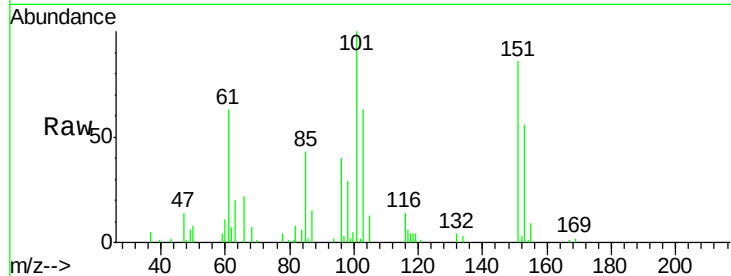
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	89752
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.5	53.3
151	86.6	69.4	104.0

Manual Integrations
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#10

Methyl Iodide

Concen: 48.170 ug/l

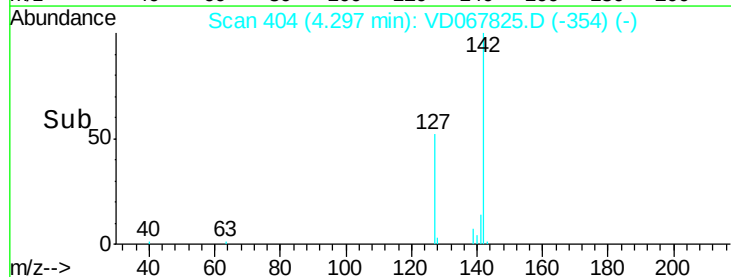
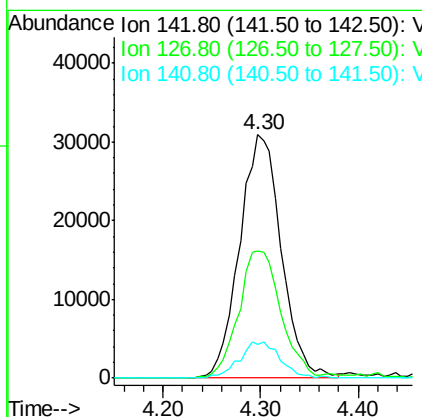
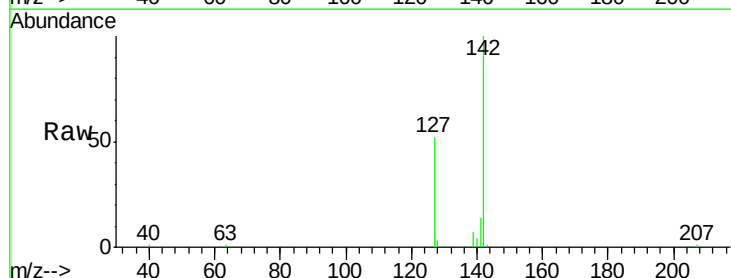
RT: 4.30 min Scan# 404

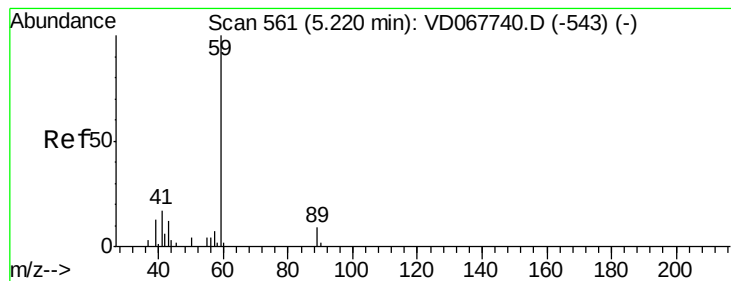
Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion:	142	Resp:	91869
Ion Ratio	Lower	Upper	
142	100		
127	53.0	42.2	63.2
141	14.7	11.8	17.6





#11

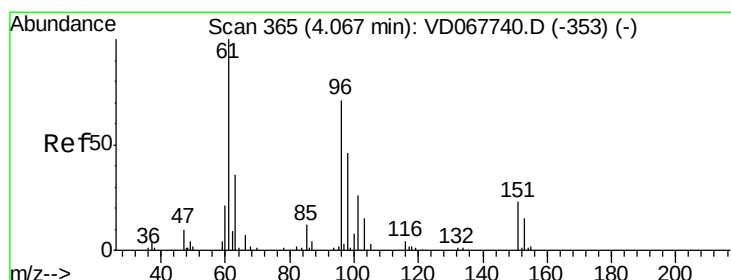
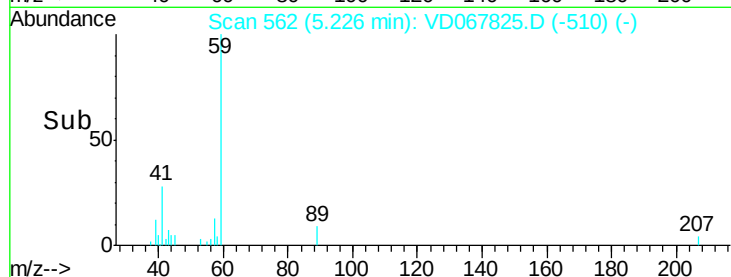
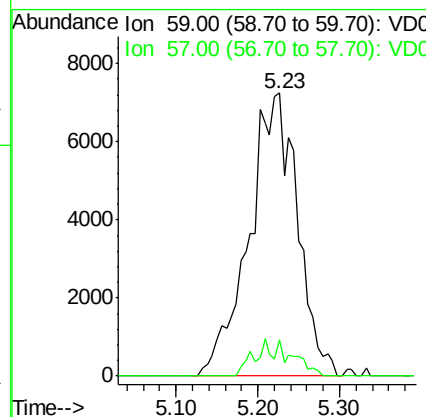
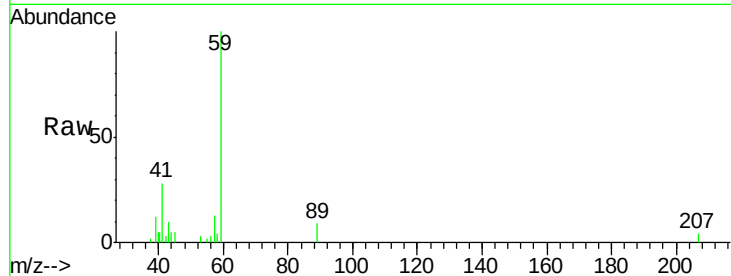
Tert butyl alcohol
 Concen: 283.071 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.9	3.4	5.0

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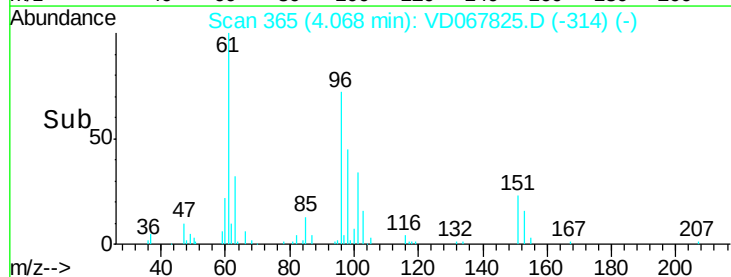
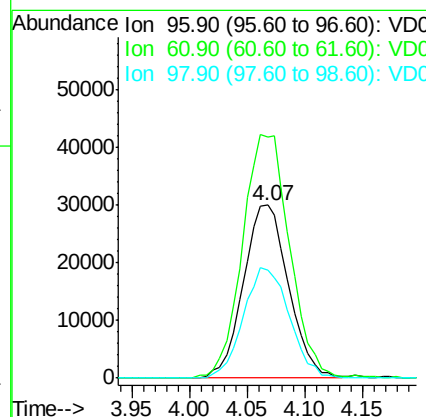
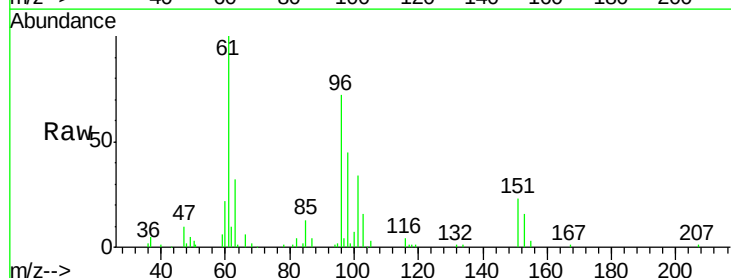
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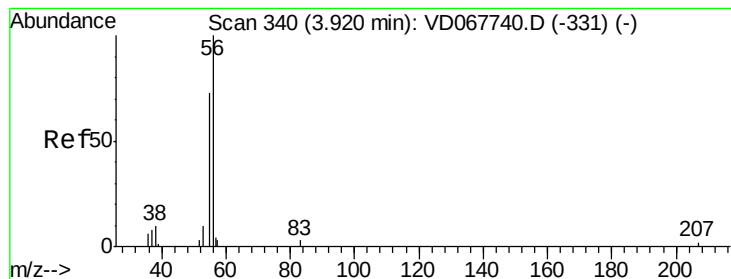


#12

1,1-Dichloroethene
 Concen: 47.209 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.2	112.9	169.3
98	62.4	52.4	78.6





#13

Acrolein

Concen: 212.405 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 17980

Ion Ratio Lower Upper

56 100

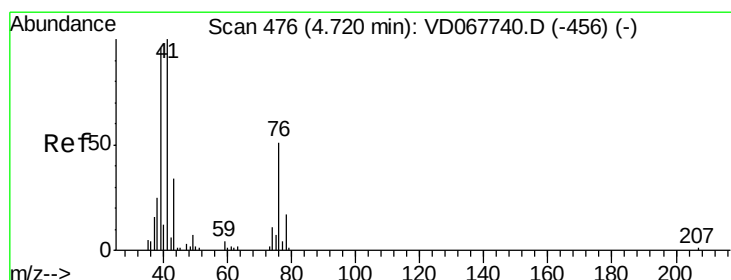
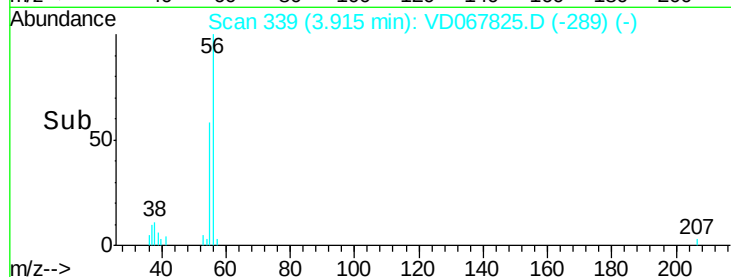
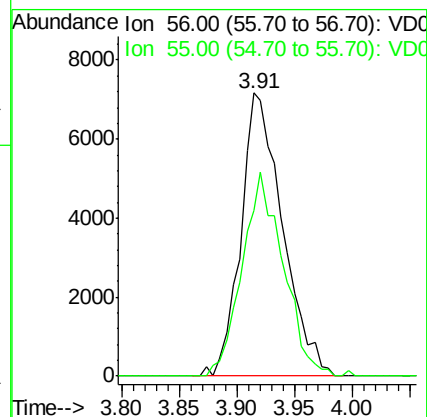
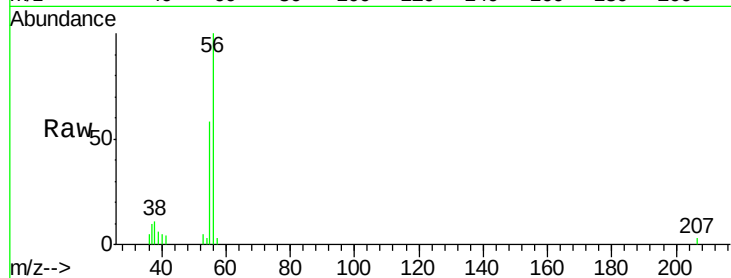
55 70.8 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.874 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

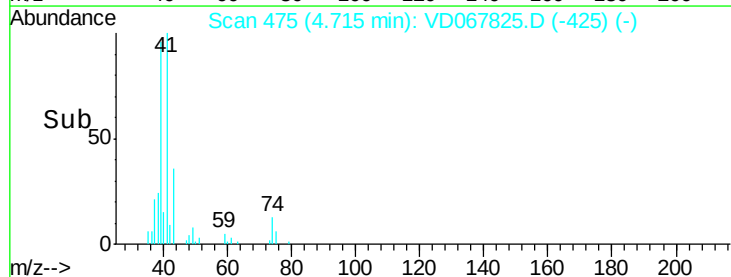
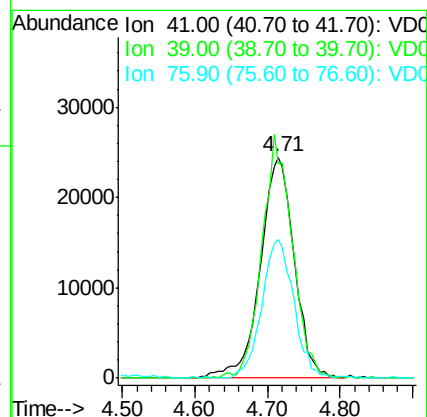
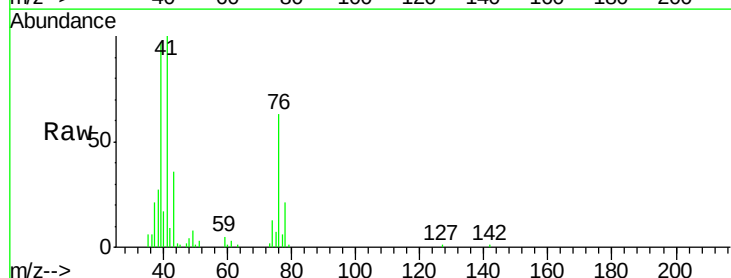
Tgt Ion: 41 Resp: 79789

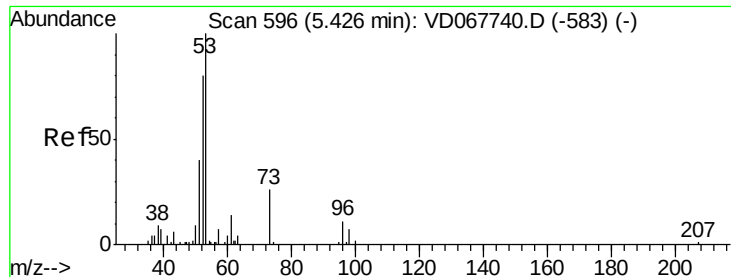
Ion Ratio Lower Upper

41 100

39 98.9 74.6 111.8

76 59.1 43.3 64.9





#15

Acrylonitrile

Concen: 259.961 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

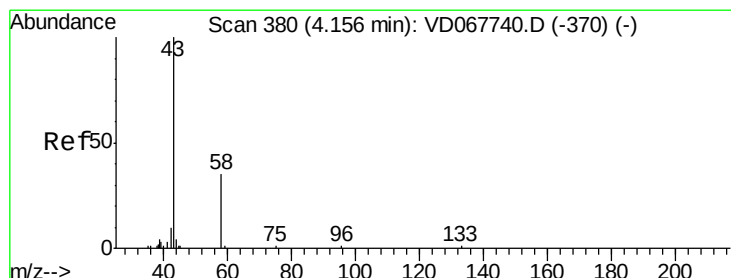
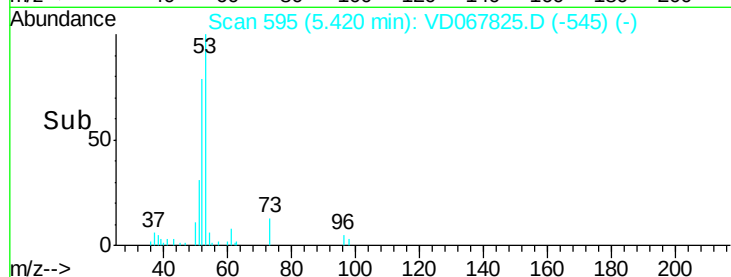
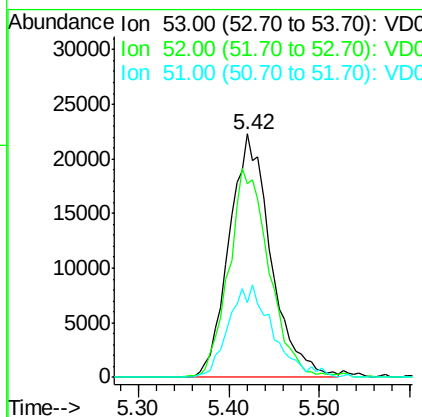
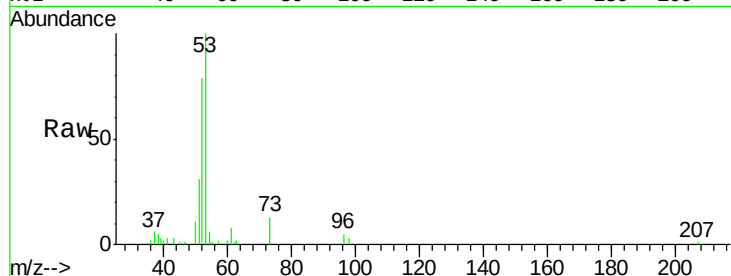
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	71131
Ion	Ratio	Lower	Upper
53	100		
52	83.1	63.4	95.2
51	38.9	31.4	47.2

Manual Integrations
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#16

Acetone

Concen: 247.028 ug/l

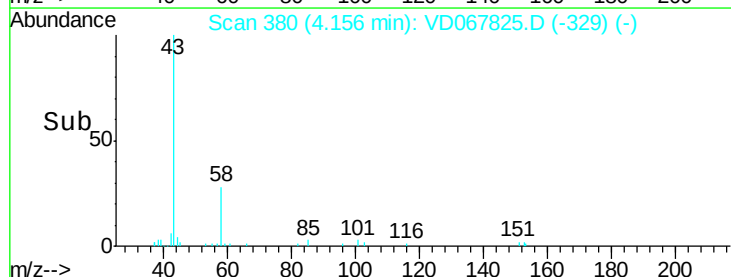
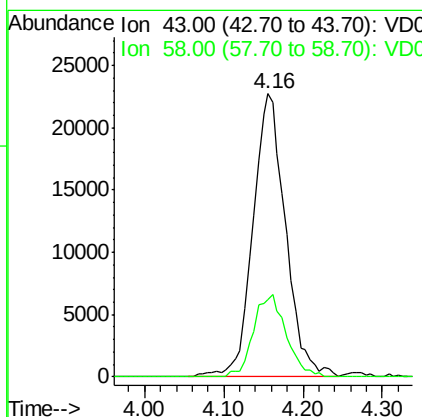
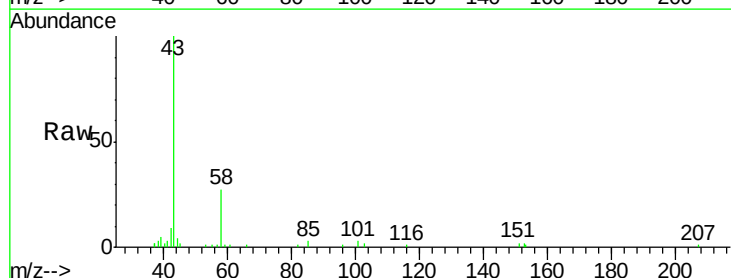
RT: 4.16 min Scan# 380

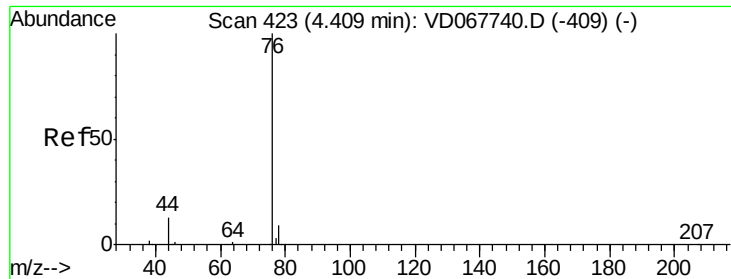
Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion:	43	Resp:	65174
Ion	Ratio	Lower	Upper
43	100		
58	27.5	27.6	41.4#





#17

Carbon Disulfide

Concen: 46.998 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 234363

Ion Ratio Lower Upper

76 100

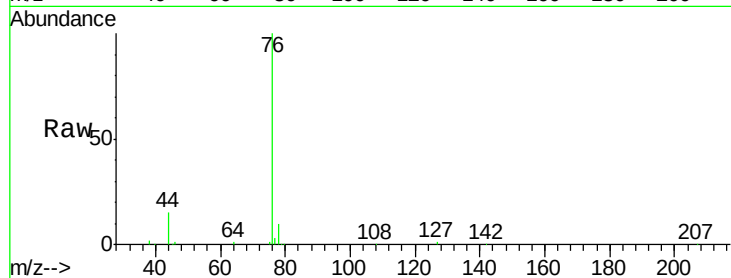
78 10.3 7.5 11.3

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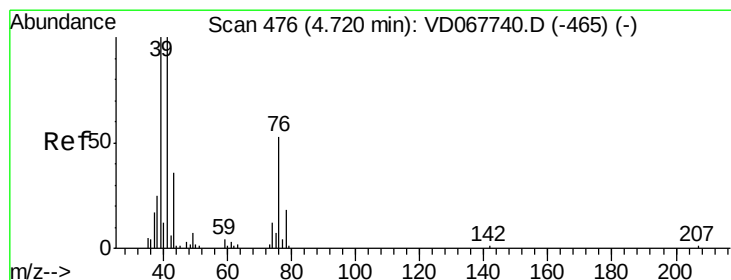
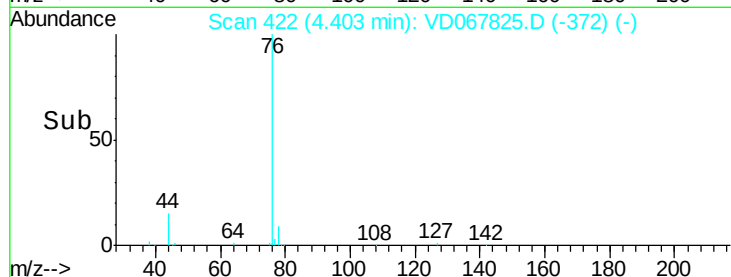
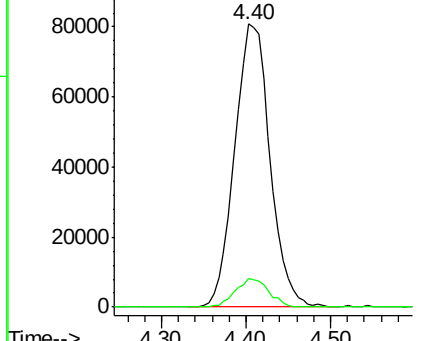
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.176 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD067825.D

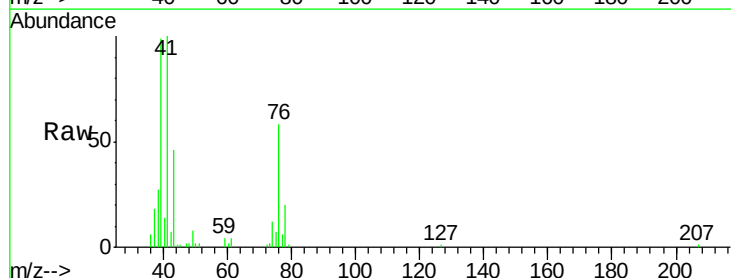
Acq: 30 Nov 2020 20:10

Tgt Ion: 43 Resp: 26633

Ion Ratio Lower Upper

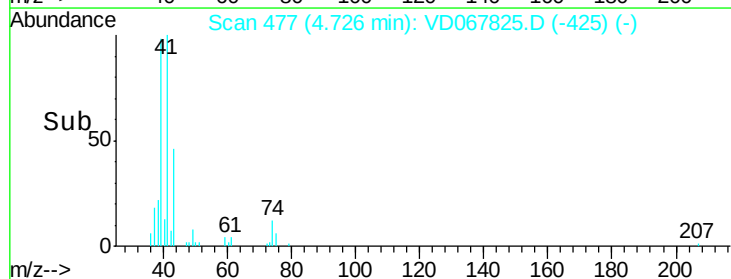
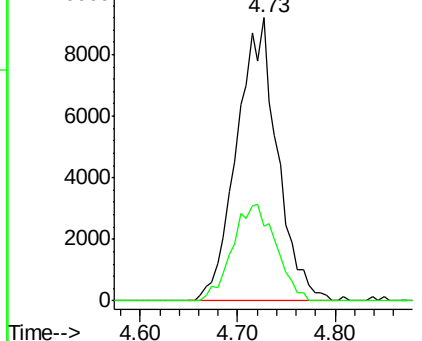
43 100

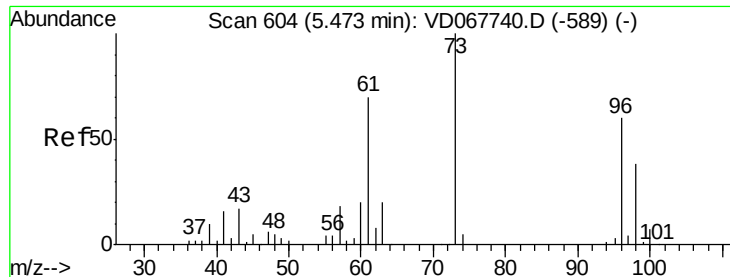
74 36.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





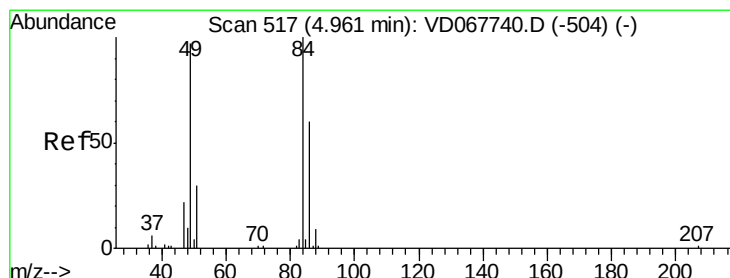
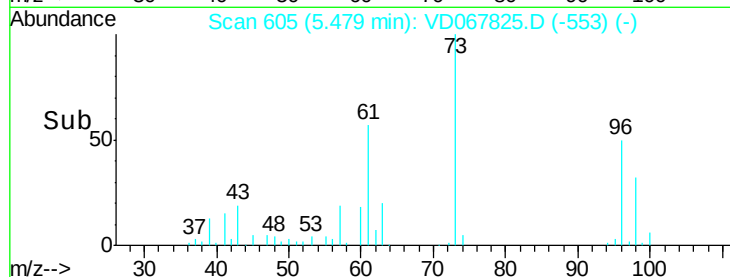
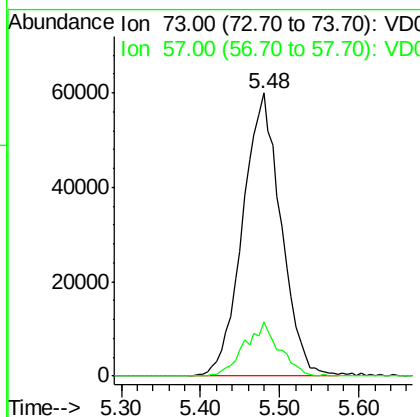
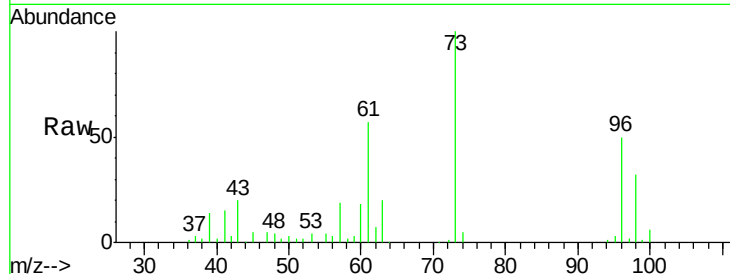
#19
Methyl tert-butyl Ether
Concen: 54.774 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 201831
Ion Ratio Lower Upper
73 100
57 19.2 14.8 22.2

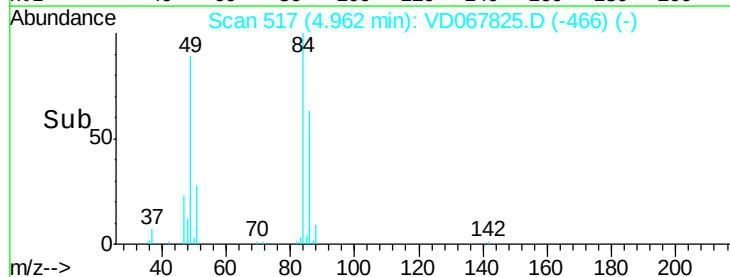
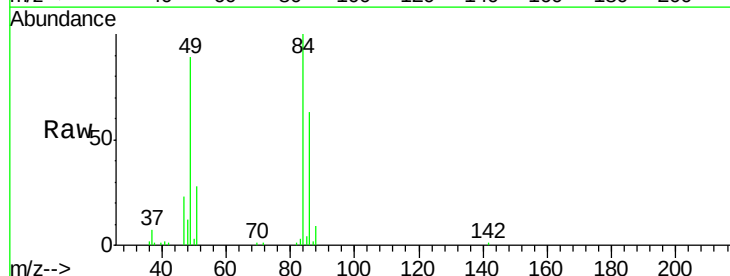
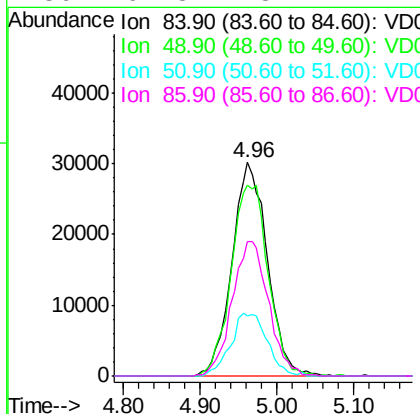
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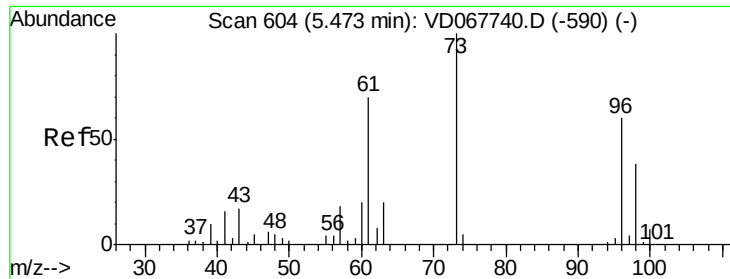
MMDadoda
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#20
Methylene Chloride
Concen: 48.251 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion: 84 Resp: 96853
Ion Ratio Lower Upper
84 100
49 89.4 77.4 116.2
51 28.3 24.1 36.1
86 62.8 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 51.148 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

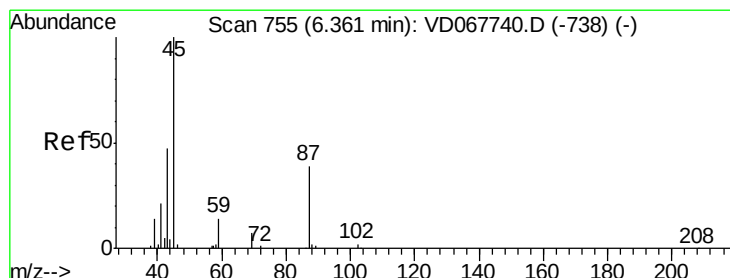
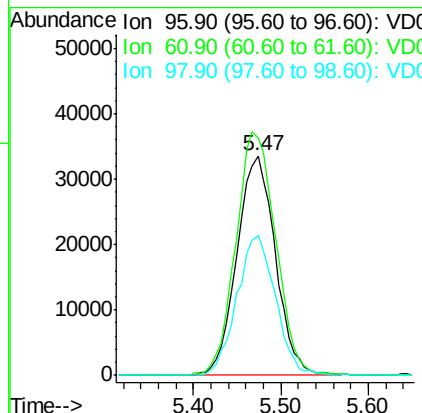
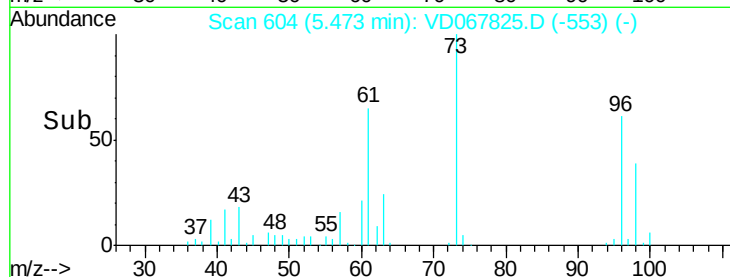
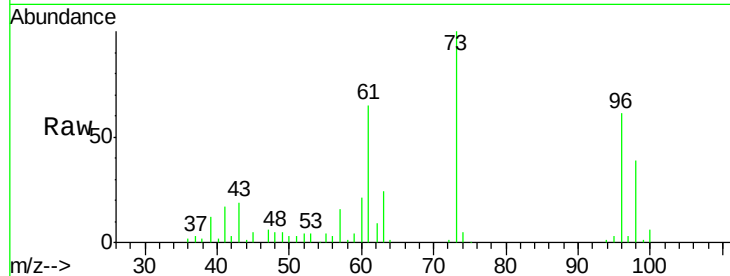
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	100258
Ion	Ratio	Lower	Upper
96	100		
61	108.0	94.0	141.0
98	63.7	51.3	76.9

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#22

Diisopropyl ether

Concen: 49.696 ug/l

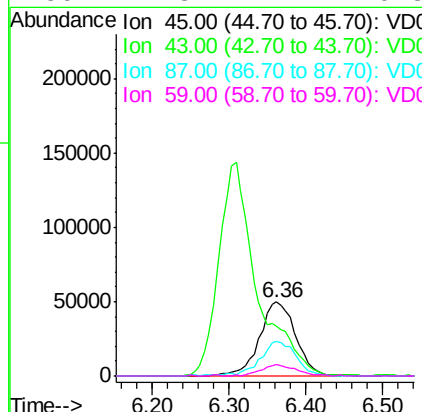
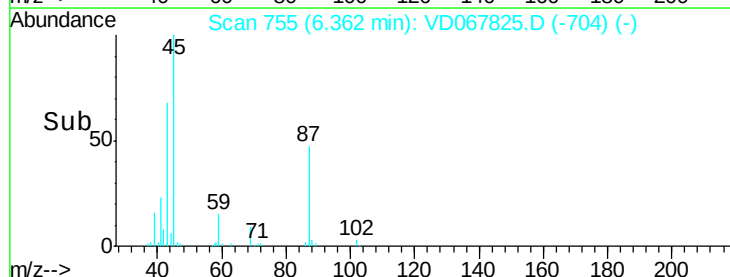
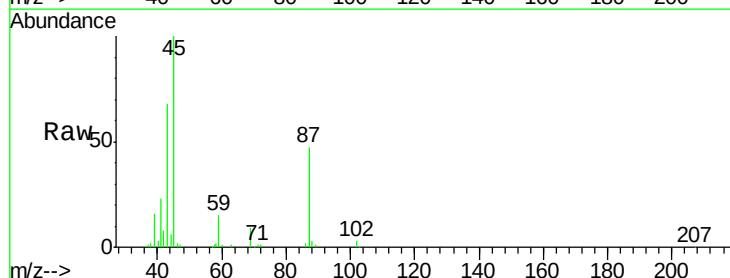
RT: 6.36 min Scan# 755

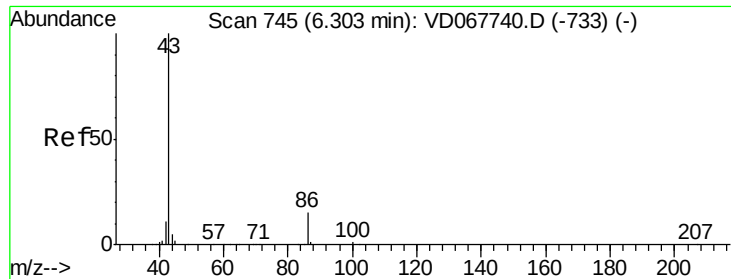
Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion:	45	Resp:	163494
Ion	Ratio	Lower	Upper
45	100		
43	65.8	46.8	70.2
87	46.6	32.9	49.3
59	14.3	11.2	16.8





#23

Vinyl Acetate

Concen: 268.237 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 497789

Ion Ratio Lower Upper

43 100

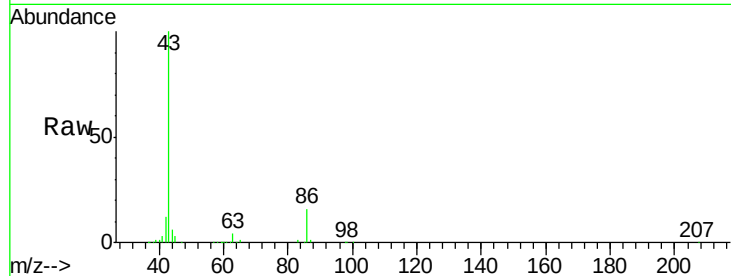
86 16.3 11.7 17.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

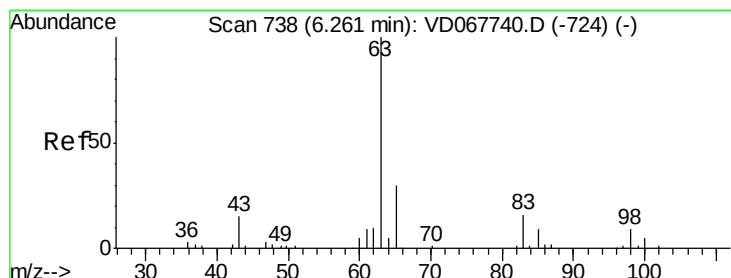
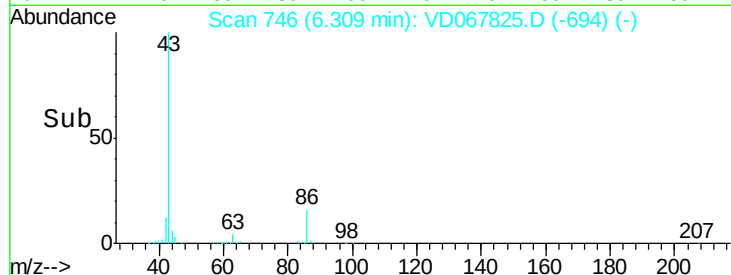
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.299 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

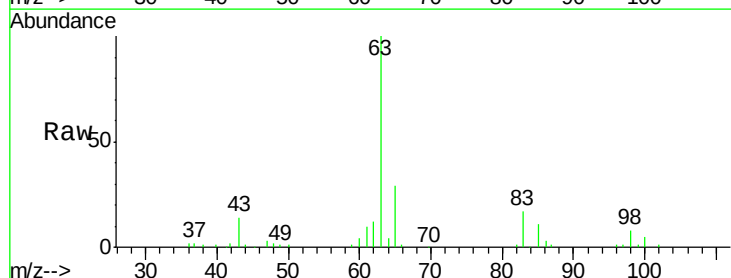
Tgt Ion: 63 Resp: 143085

Ion Ratio Lower Upper

63 100

98 8.5 4.4 13.2

100 5.1 2.6 8.0



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

6.26

60000

50000

40000

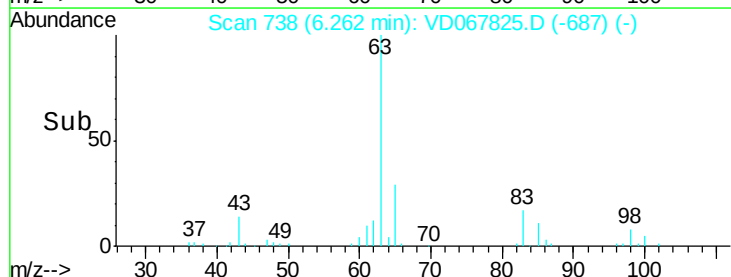
30000

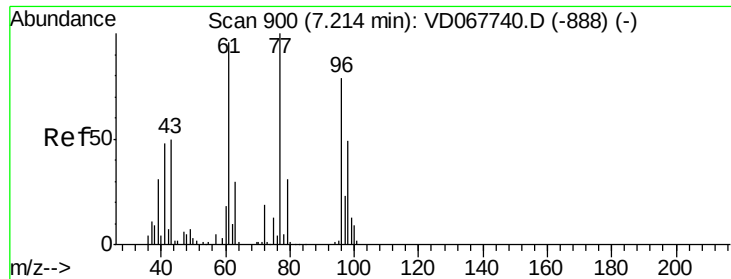
20000

10000

0

Time-->





#25

2-Butanone

Concen: 253.568 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 75071

Ion Ratio Lower Upper

43 100

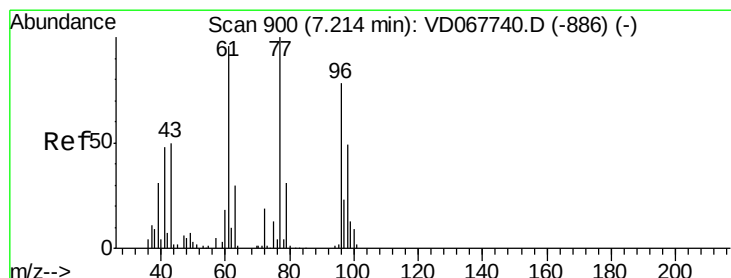
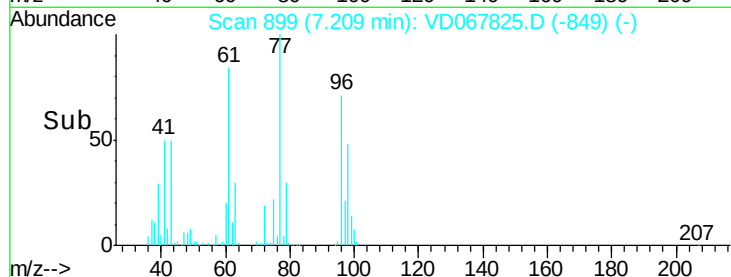
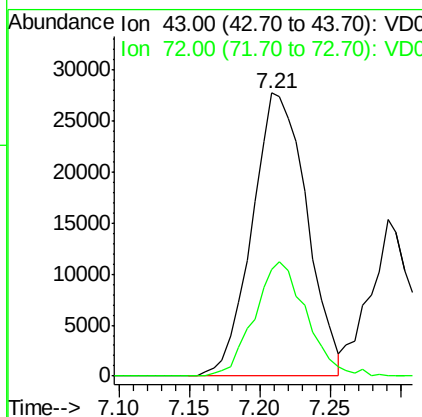
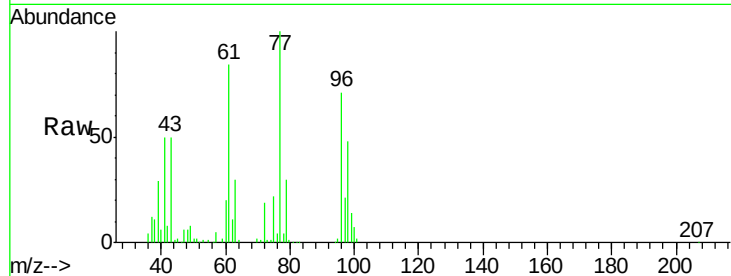
72 37.8 30.8 46.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.517 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067825.D

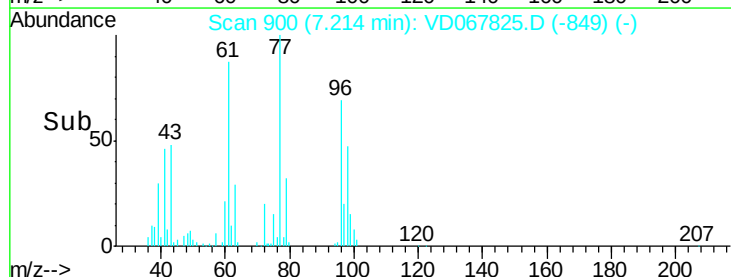
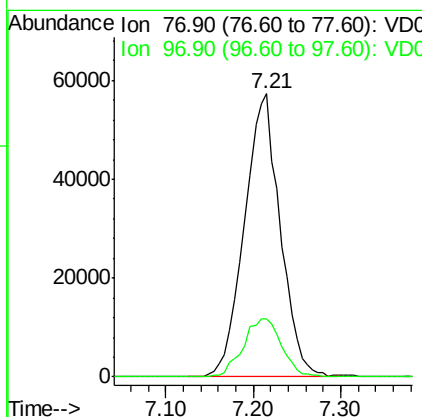
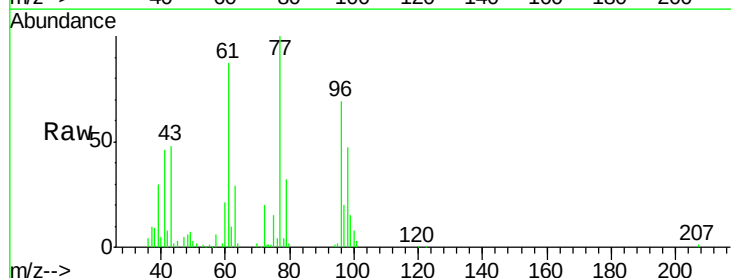
Acq: 30 Nov 2020 20:10

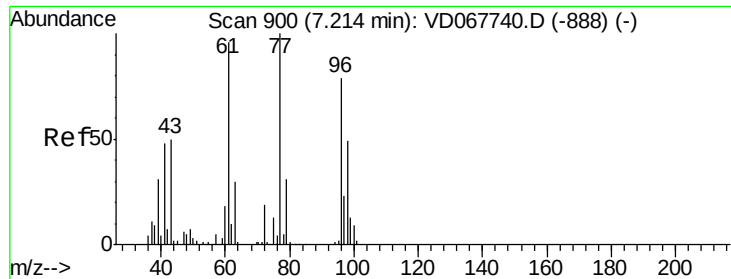
Tgt Ion: 77 Resp: 159645

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3





#27

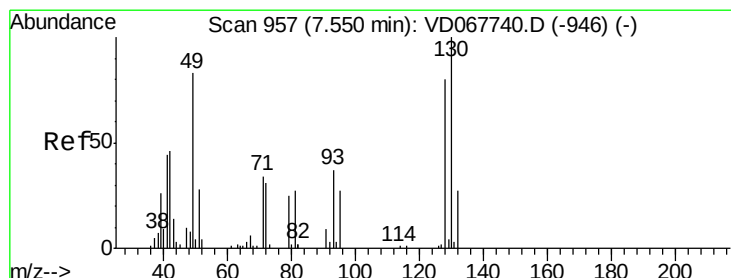
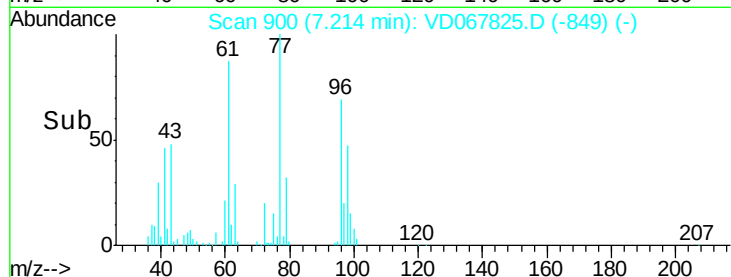
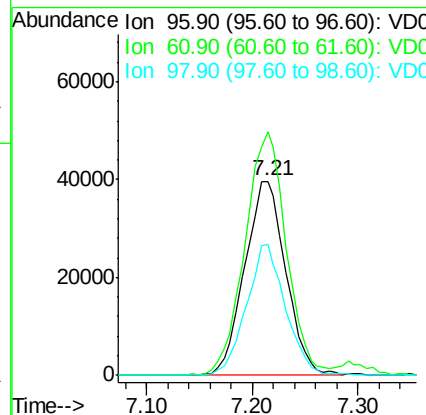
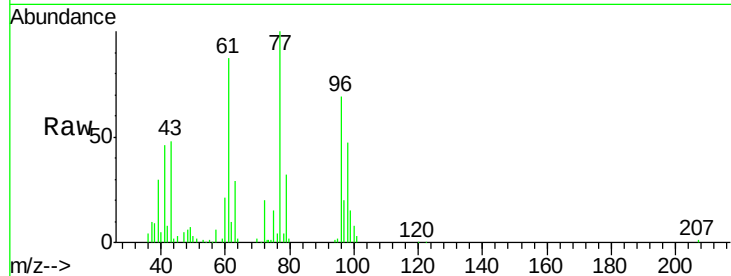
cis-1,2-Dichloroethene
Concen: 51.283 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	126.4	0.0	258.0	
98	63.8	0.0	131.8	

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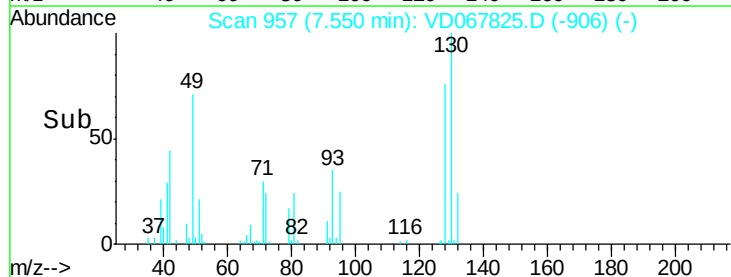
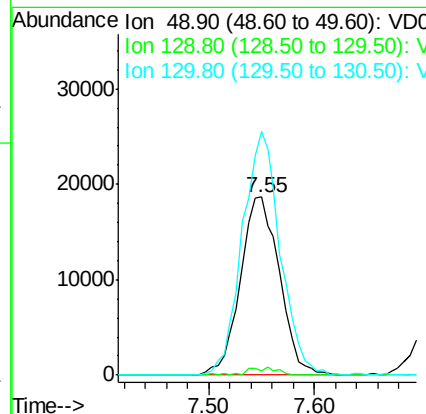
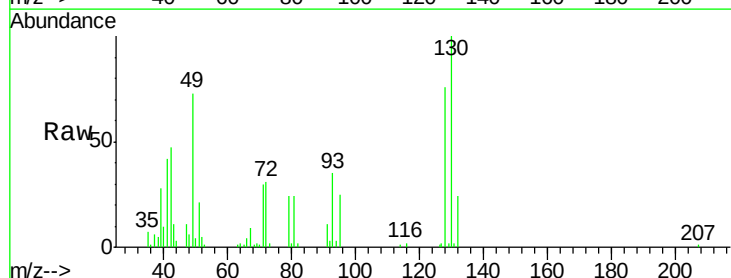
MMDadoda
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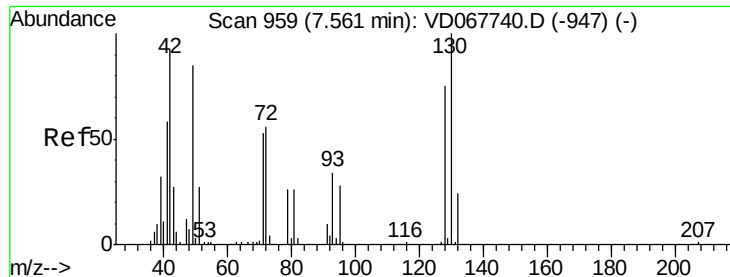


#28

Bromochloromethane
Concen: 53.598 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	7.0	
130	132.8	102.2	153.4	





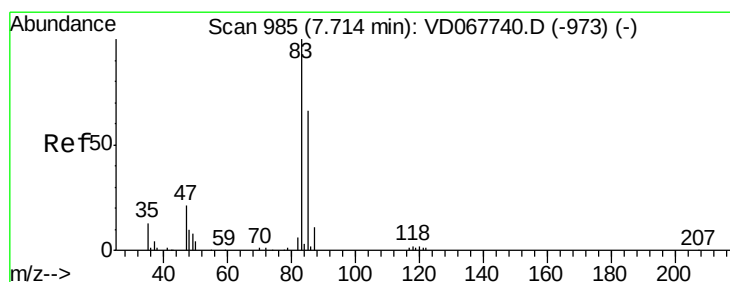
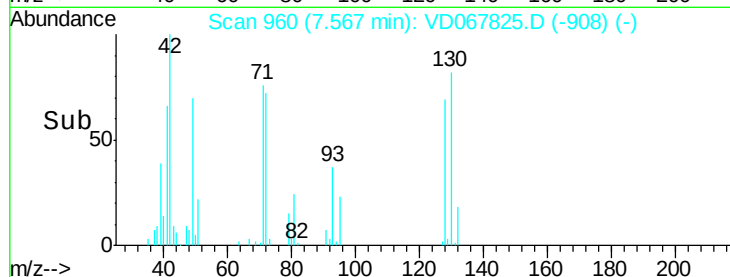
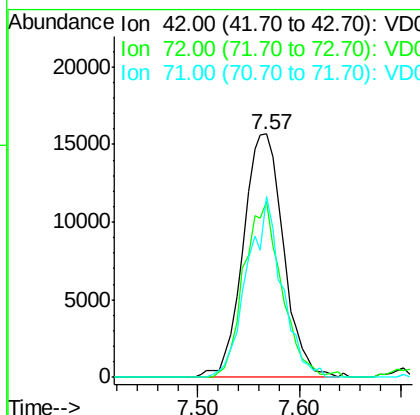
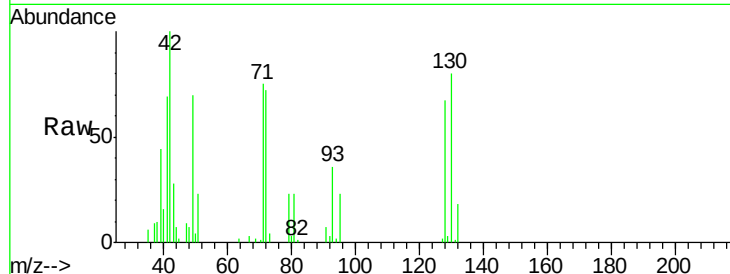
#29
Tetrahydrofuran
Concen: 257.011 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	67.3	49.3	73.9
71	64.0	45.9	68.9

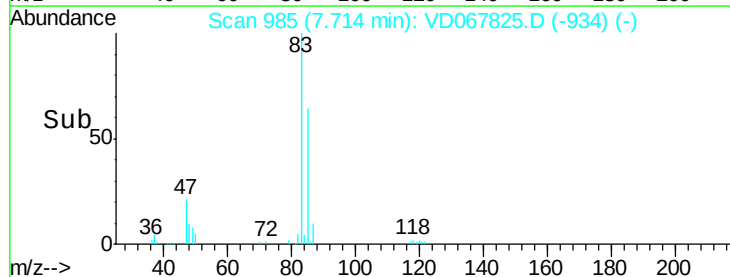
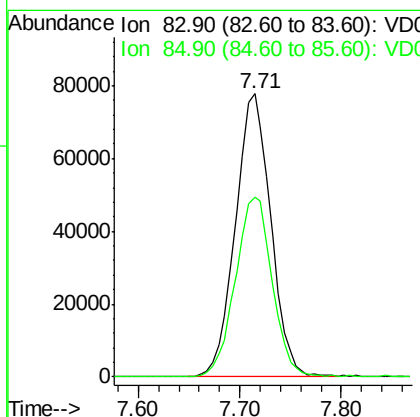
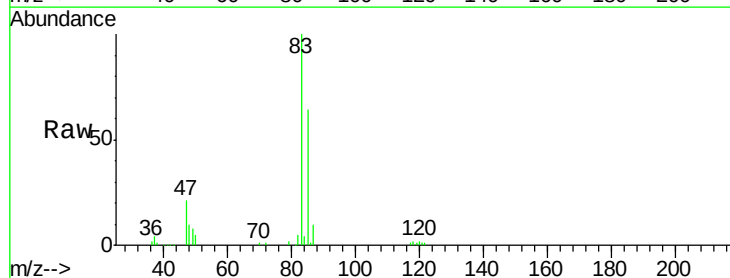
Manual Integrations
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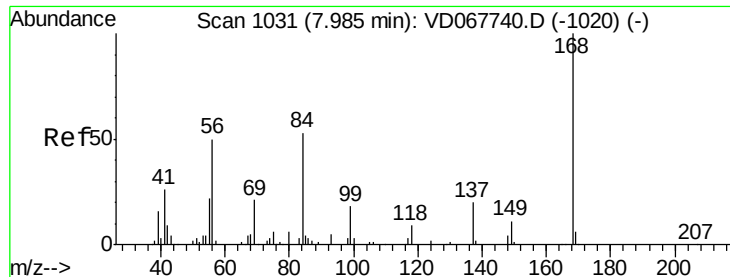
MMDadoda
12/1/2020 12:43:49 PM



#30
Chloroform
Concen: 51.567 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.1	79.7





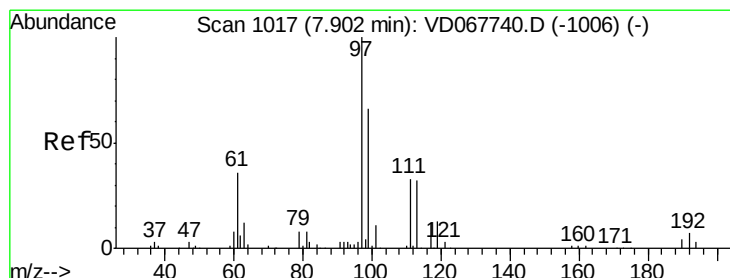
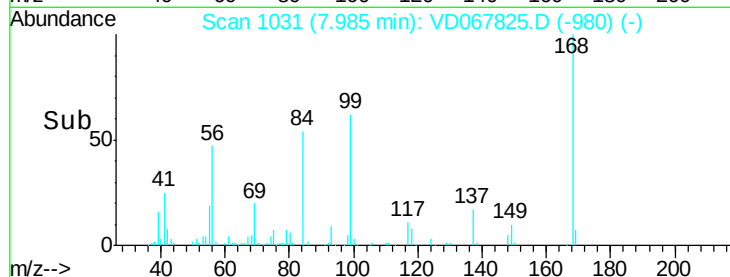
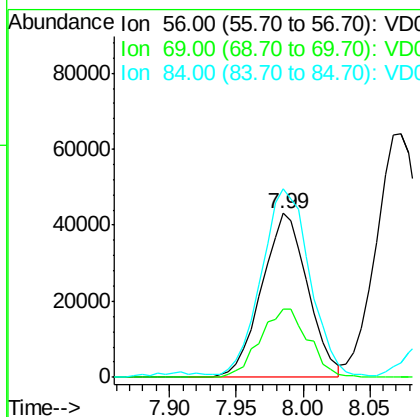
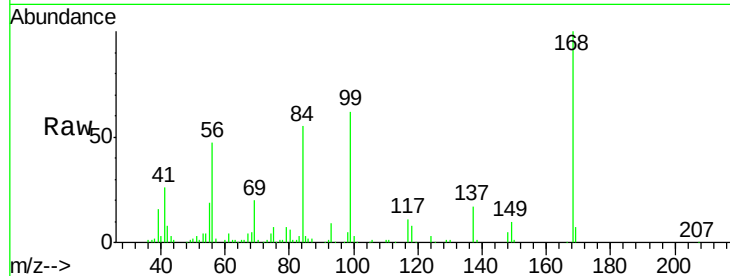
#31
Cyclohexane
Concen: 41.727 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.8	33.2	49.8
84	113.5	84.8	127.2

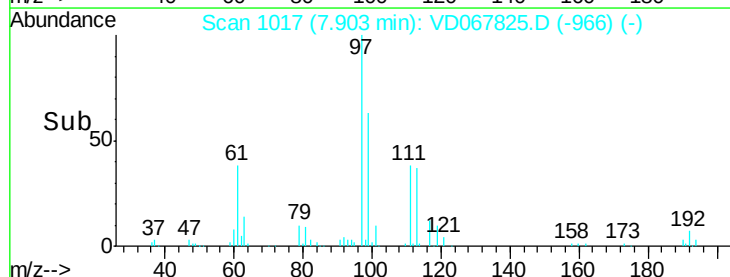
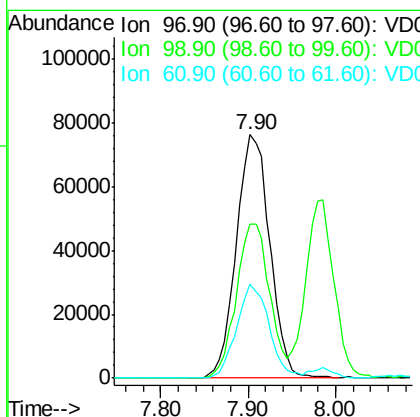
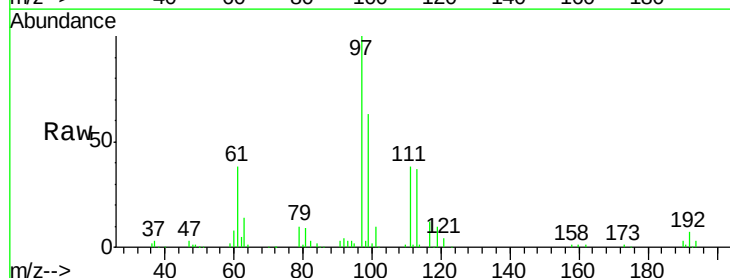
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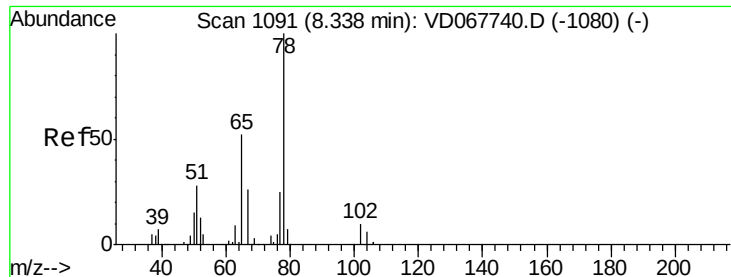
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.188 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	37.4	29.4	44.2





#33

1,2-Dichloroethane-d4

Concen: 56.838 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 116077

Ion Ratio Lower Upper

65 100

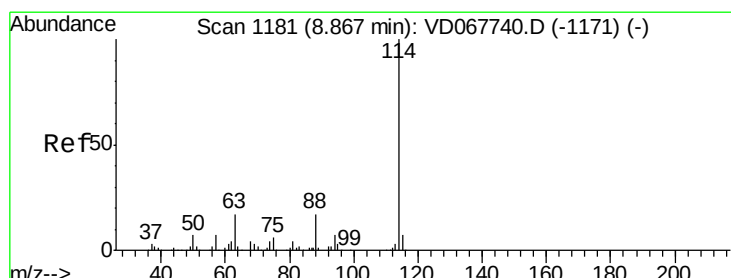
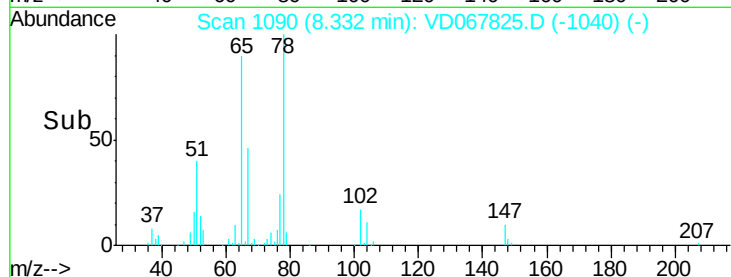
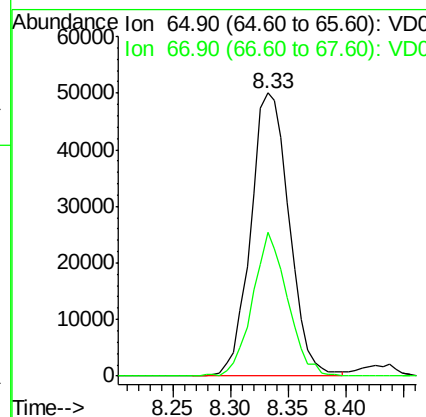
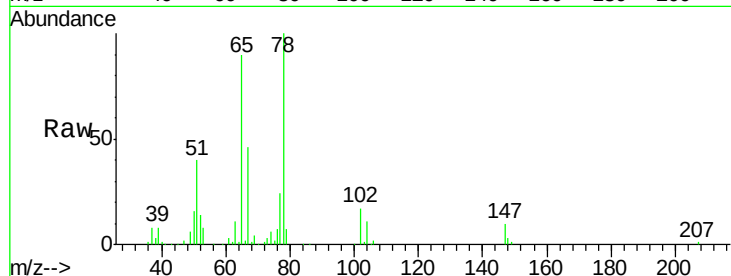
67 46.3 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

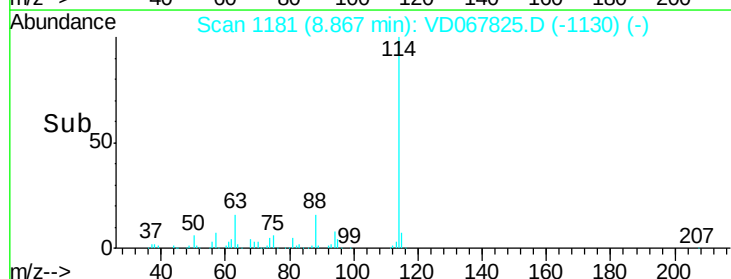
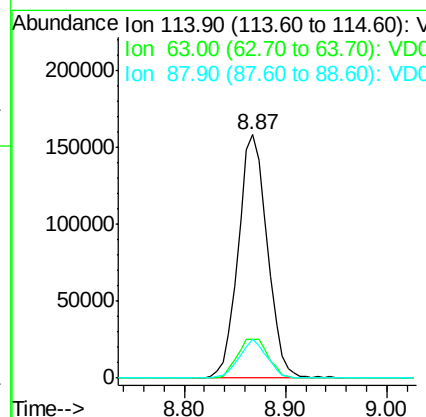
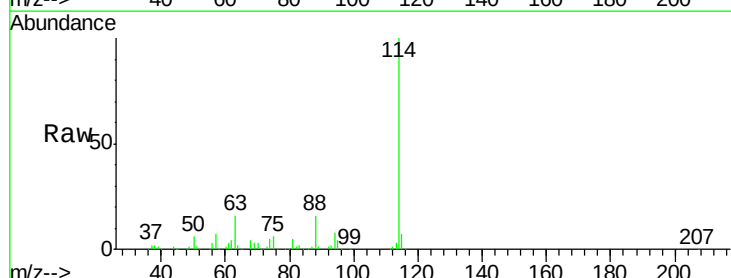
Tgt Ion: 114 Resp: 315799

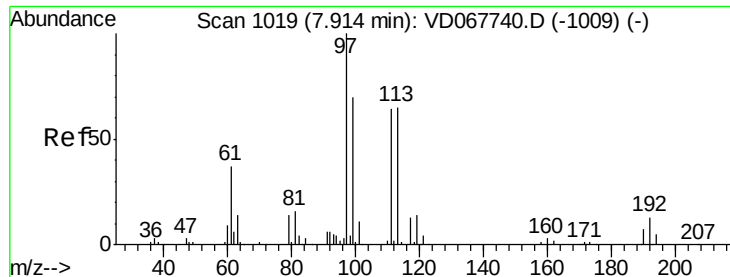
Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.8

88 15.9 0.0 34.4





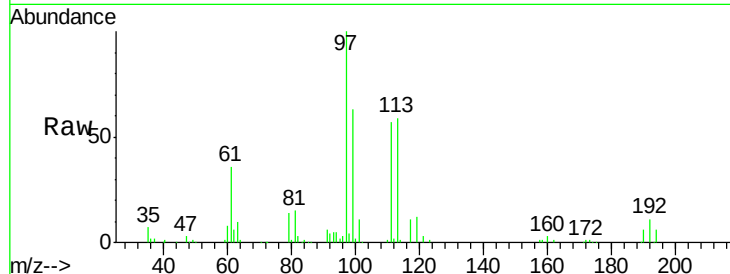
#35
Dibromofluoromethane
Concen: 51.267 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

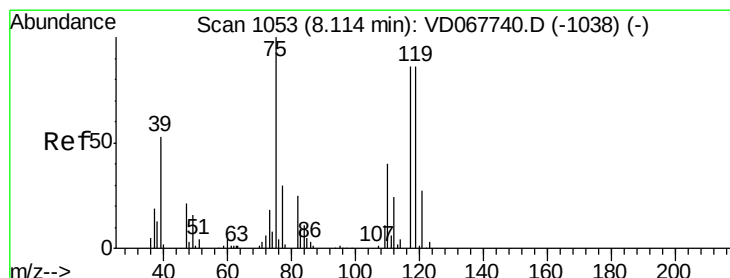
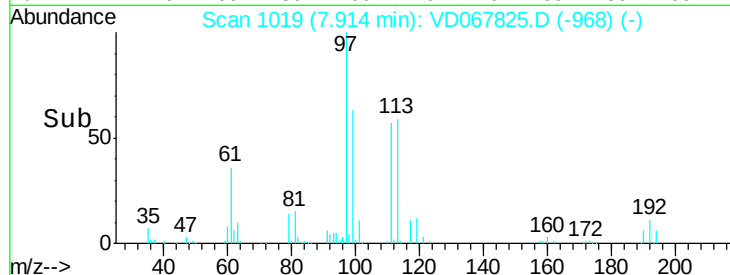
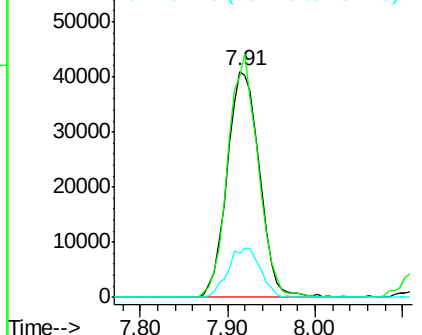
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	21.8	17.0	25.4

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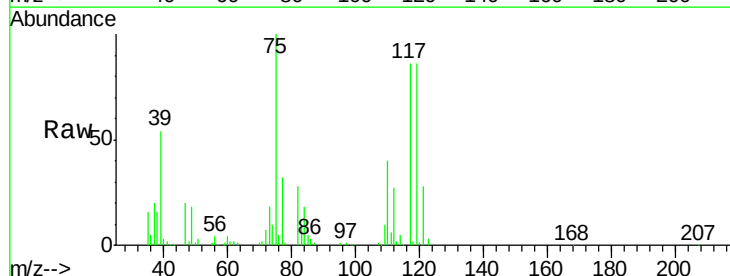


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

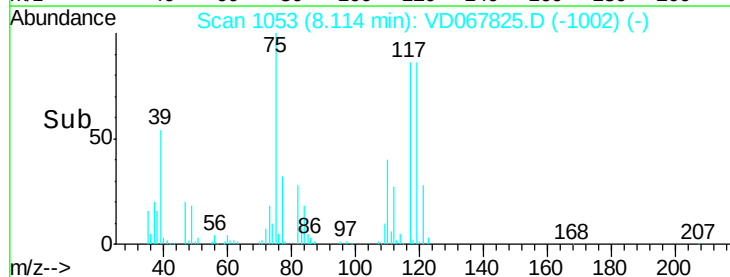
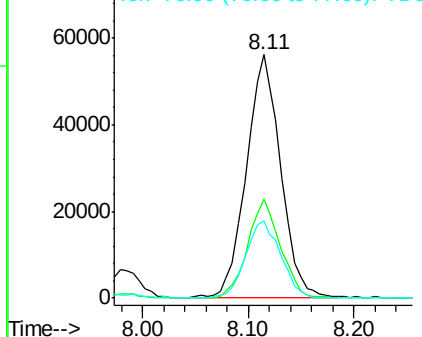


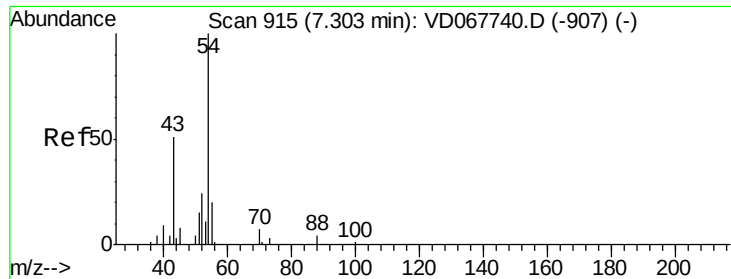
#36
1,1-Dichloropropene
Concen: 46.930 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	20.1	60.2
77	32.3	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





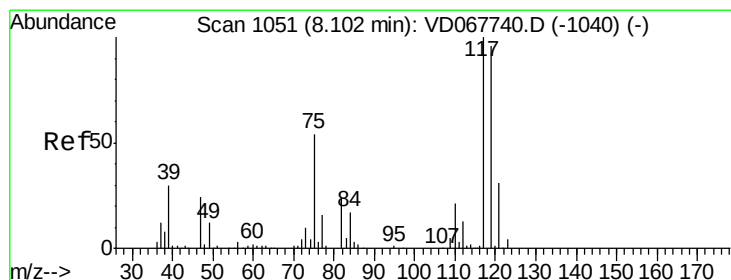
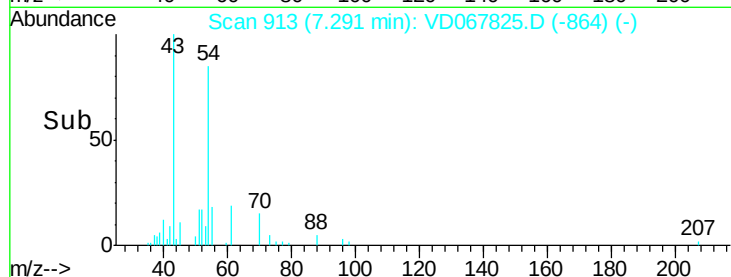
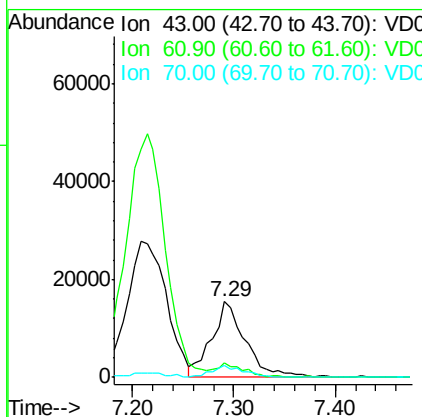
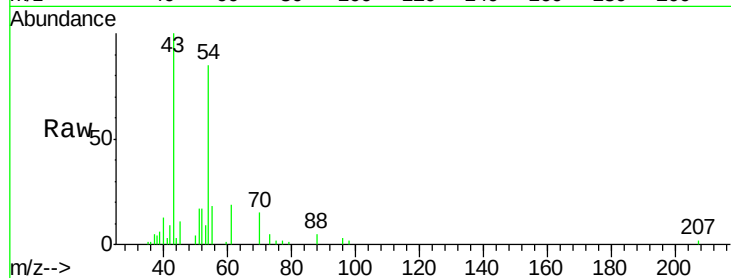
#37
Ethyl Acetate
Concen: 48.765 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	35534
Ion Ratio	100	Lower	Upper
43	100		
61	13.6	12.9	19.3
70	14.7	12.2	18.2

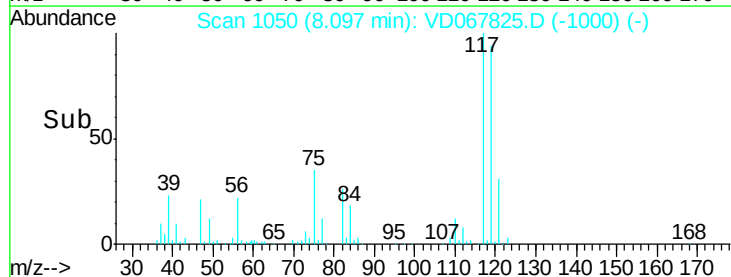
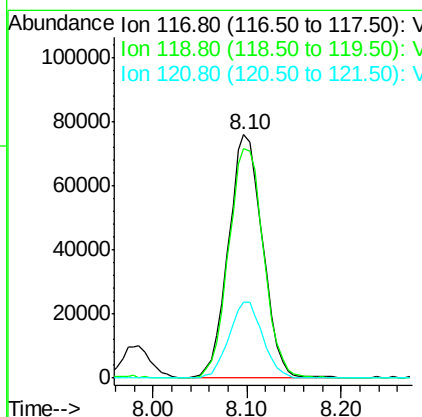
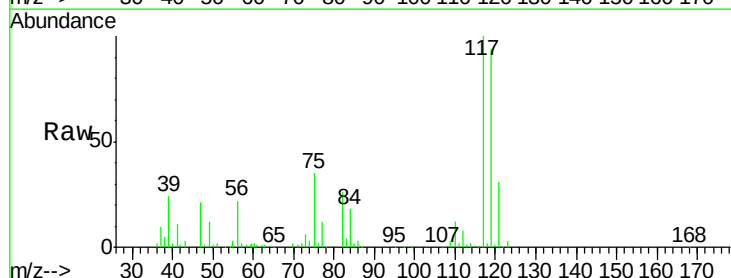
Manual Integrations
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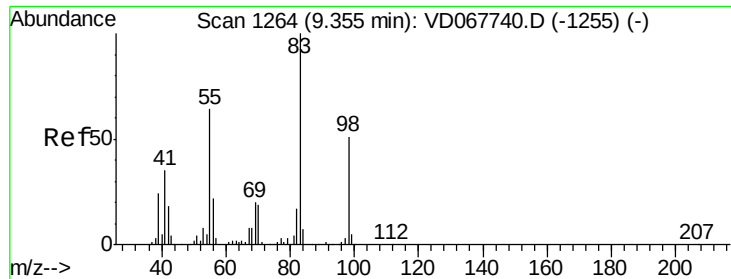
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#38
Carbon Tetrachloride
Concen: 48.799 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	117	Resp	191690
Ion Ratio	100	Lower	Upper
117	100		
119	94.2	76.6	115.0
121	31.5	24.5	36.7





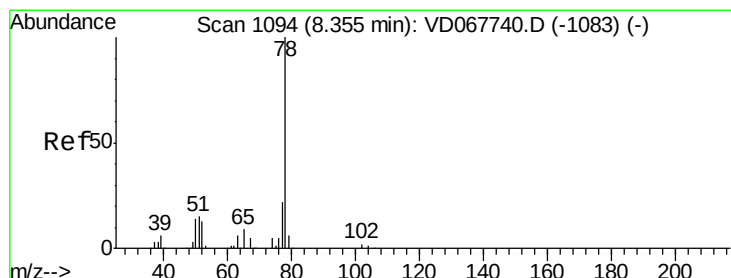
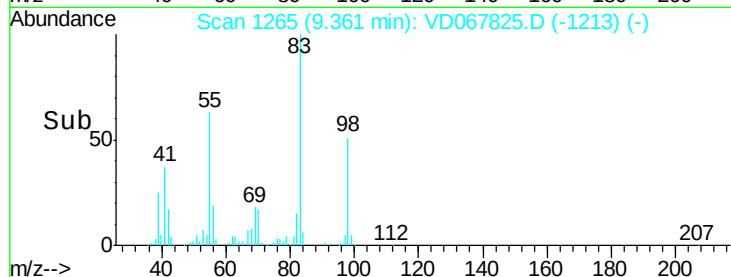
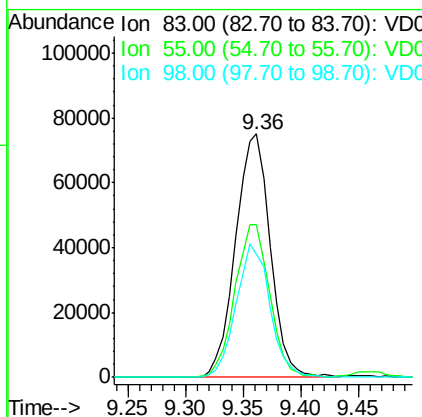
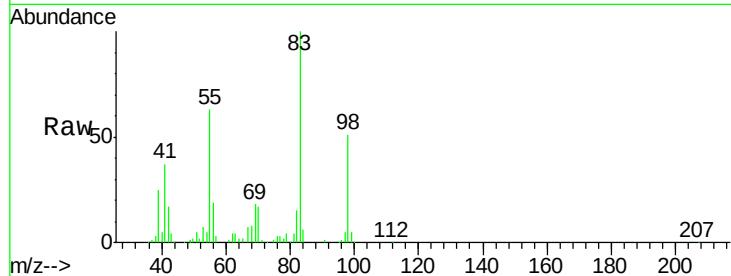
#39
Methylvlcyclohexane
Concen: 48.832 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.7	51.0	76.4
98	50.9	40.4	60.6

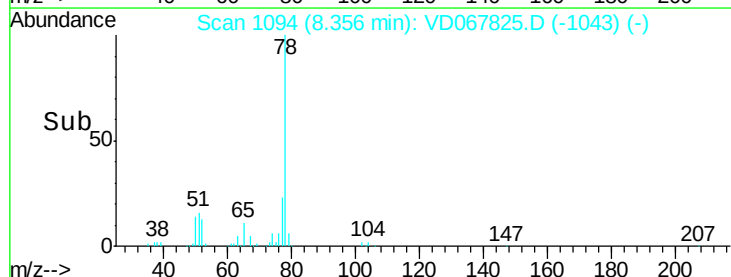
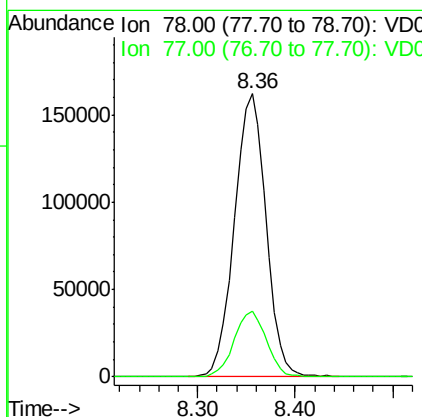
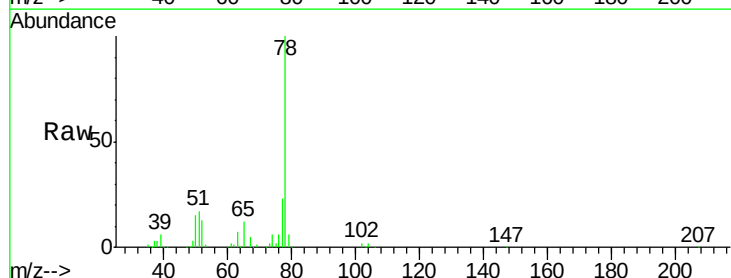
Manual Integrations
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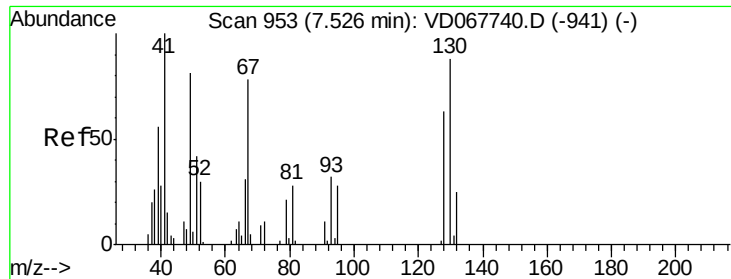
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#40
Benzene
Concen: 49.339 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.8	26.6





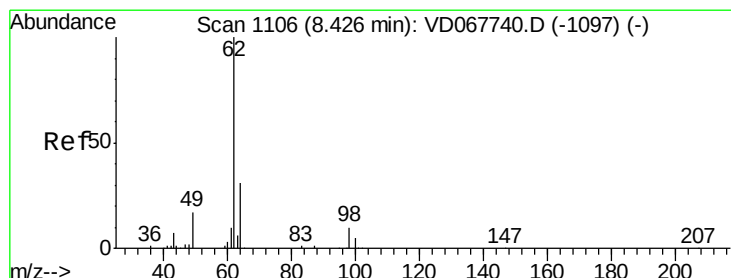
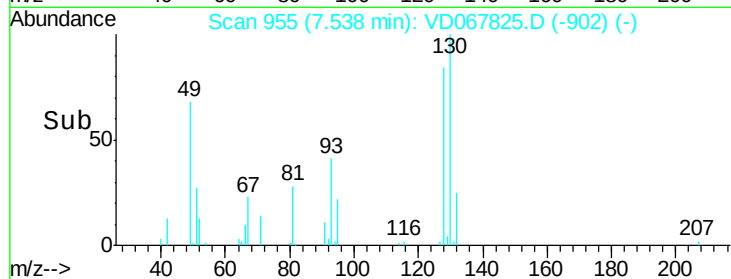
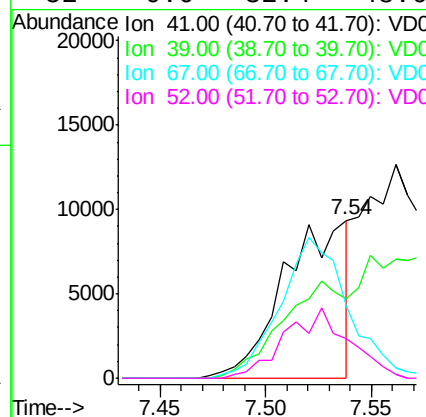
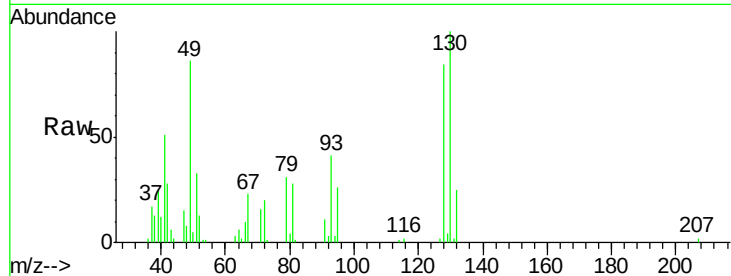
#41
Methacrylonitrile
Concen: 53.116 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	99.3	50.2	75.4#
67	0.0	79.0	118.6#
52	0.0	32.4	48.6#

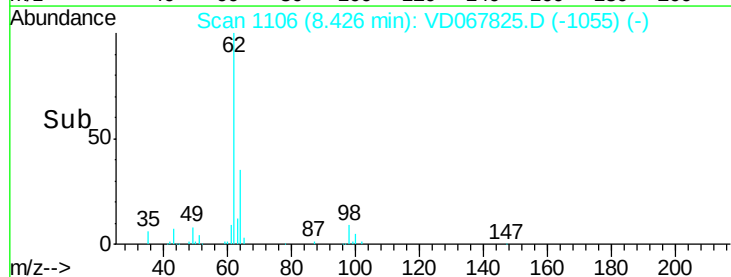
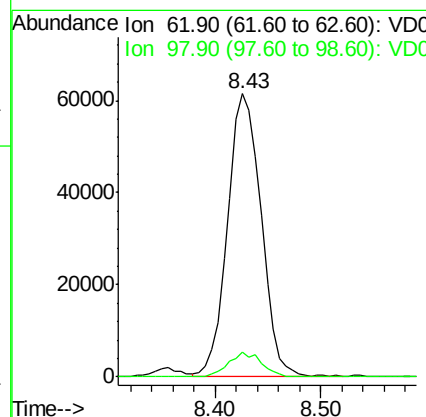
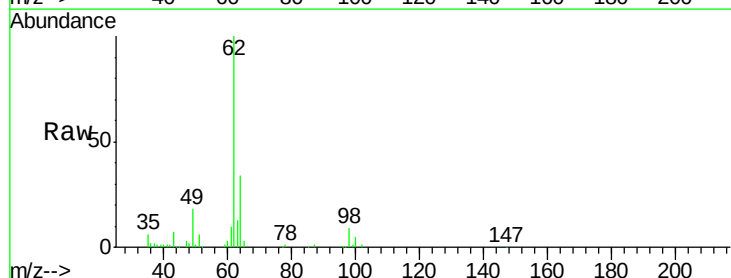
Manual Integrations
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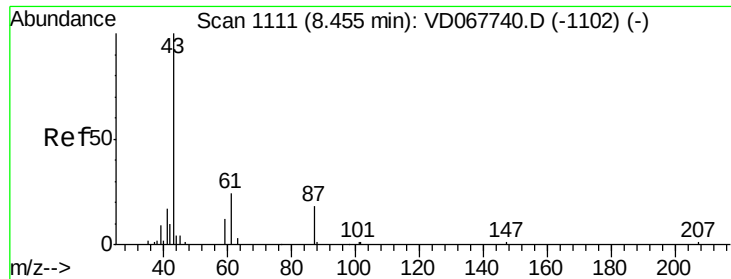
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12/1/2020 12:43:49 PM



#42
1,2-Dichloroethane
Concen: 53.794 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 51.223 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

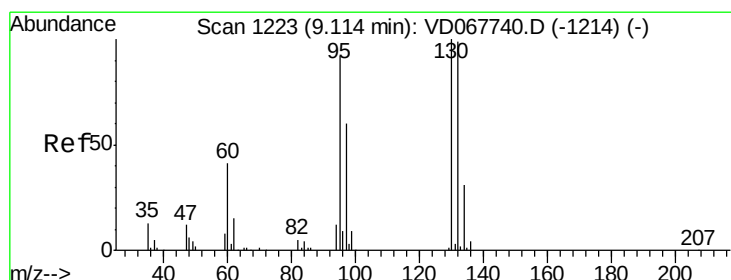
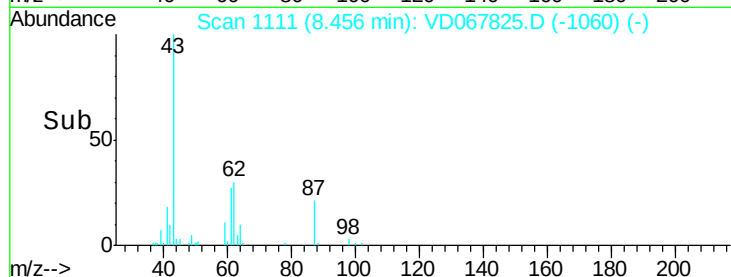
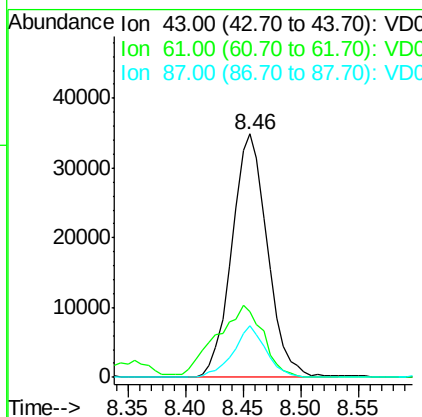
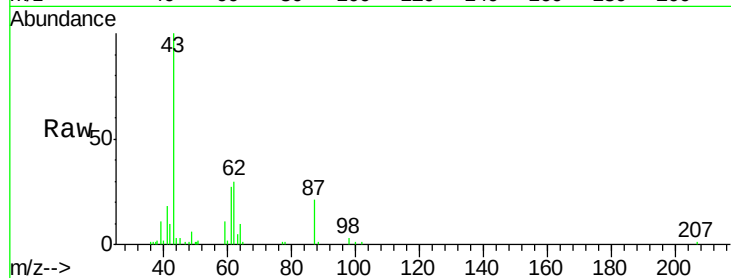
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	74539
Ion	Ratio	Lower	Upper
43	100		
61	39.2	30.2	45.4
87	19.3	14.2	21.4

Manual Integrations
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12/1/2020 12:43:49 PM



#44

Trichloroethene

Concen: 50.416 ug/l

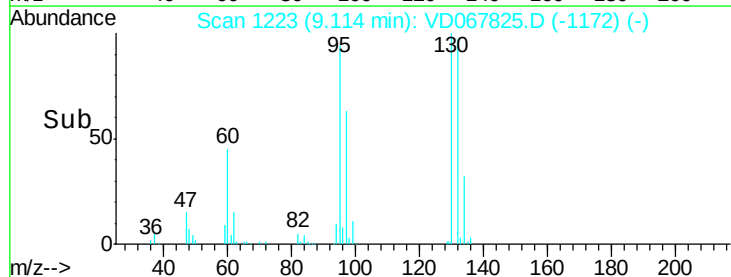
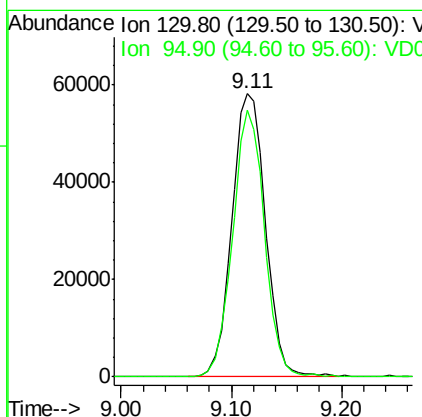
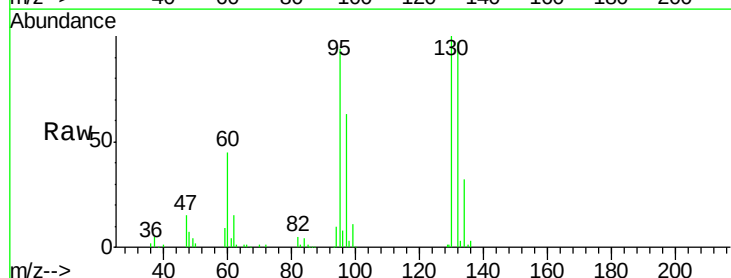
RT: 9.11 min Scan# 1223

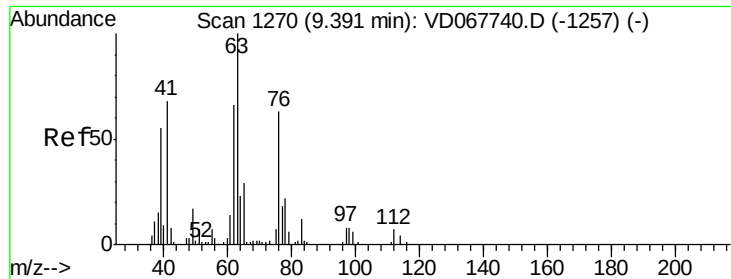
Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion:	130	Resp:	124362
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	184.2





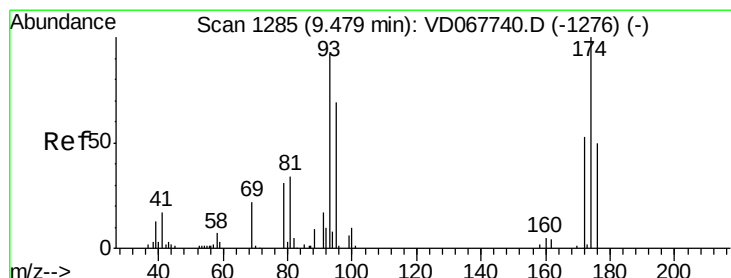
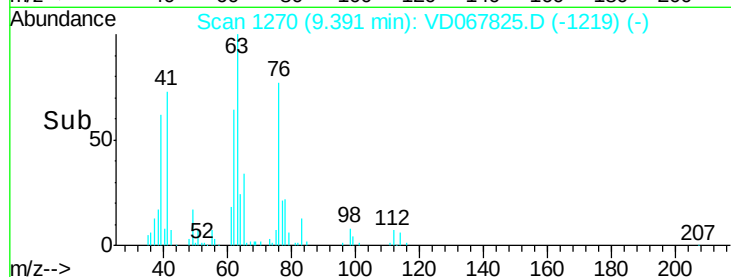
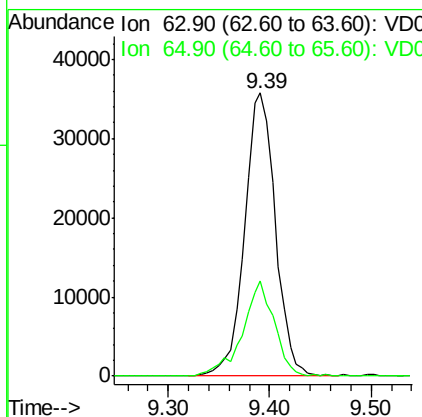
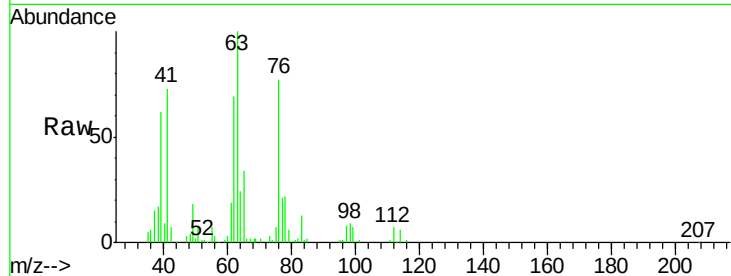
#45
 1,2-Dichloropropane
 Concen: 49.137 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 75040
 Ion Ratio Lower Upper
 63 100
 65 33.5 23.1 34.7

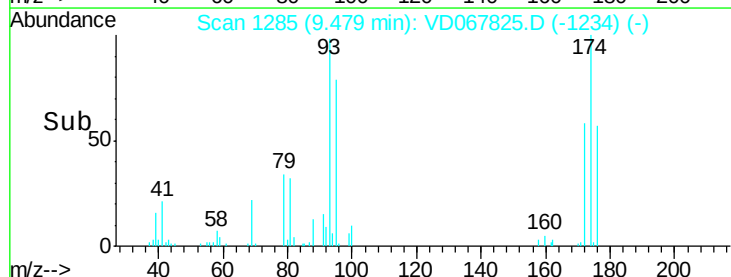
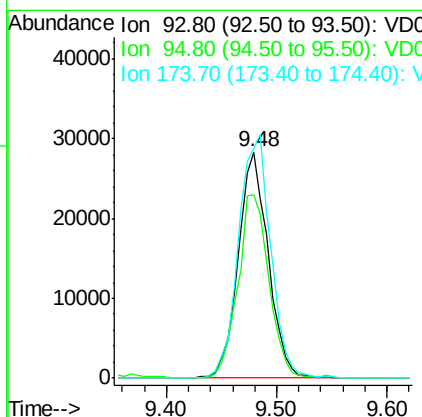
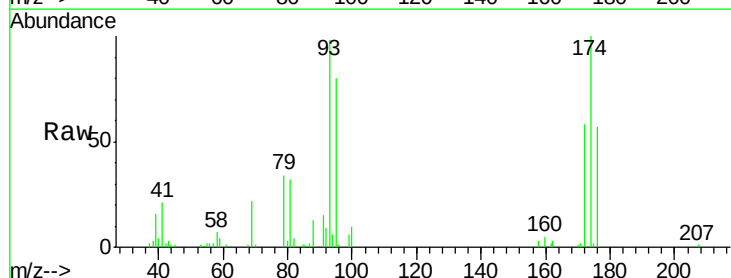
Manual Integrations
 APPROVED

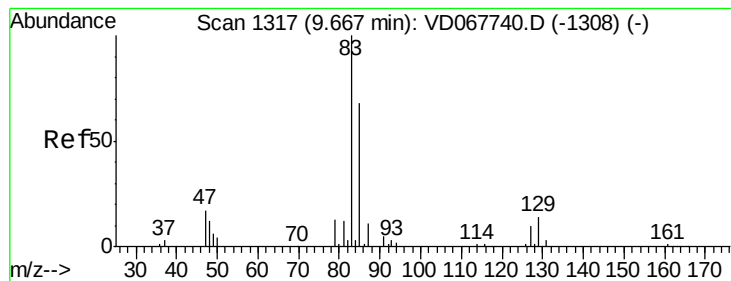
MMDadoda
 12/1/2020 12:43:49 PM



#46
 Dibromomethane
 Concen: 52.160 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion: 93 Resp: 54231
 Ion Ratio Lower Upper
 93 100
 95 83.5 63.4 95.2
 174 115.2 89.6 134.4





#47

Bromodichloromethane

Concen: 52.785 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 152825

Ion Ratio Lower Upper

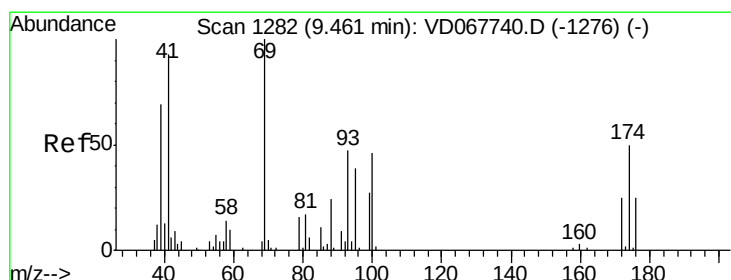
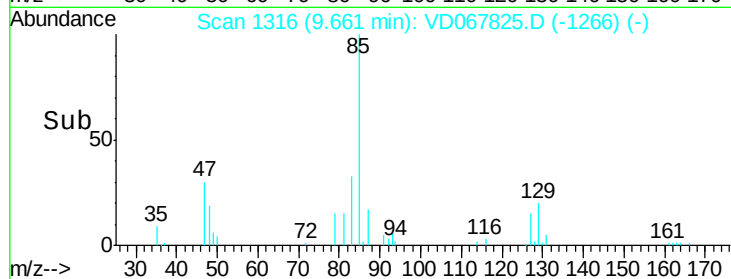
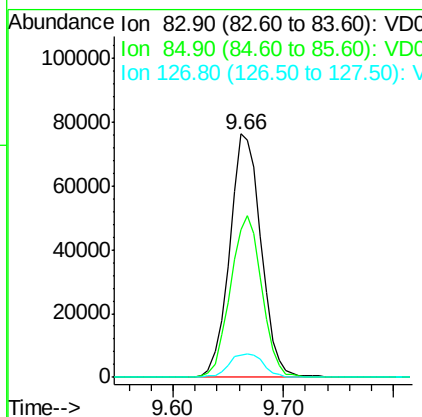
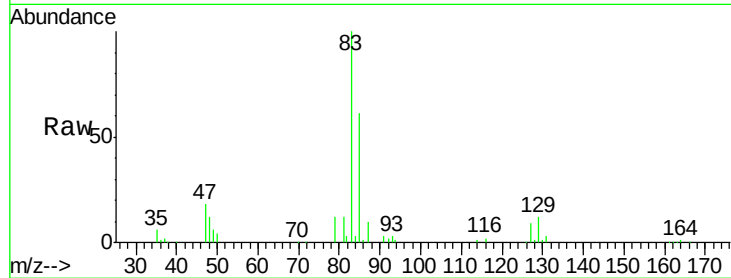
83 100

85 60.5 54.2 81.2

127 9.2 7.6 11.4

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:49 PM



#48

Methyl methacrylate

Concen: 49.476 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

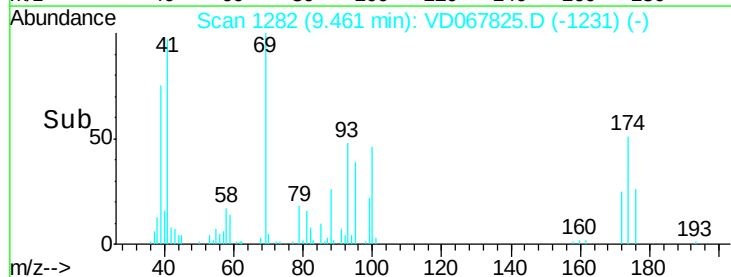
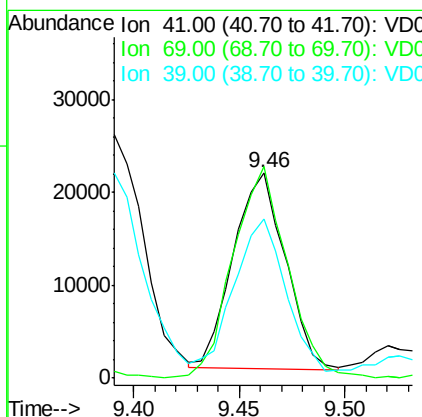
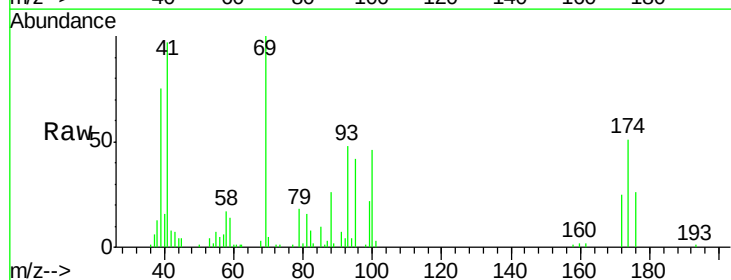
Tgt Ion: 41 Resp: 35994

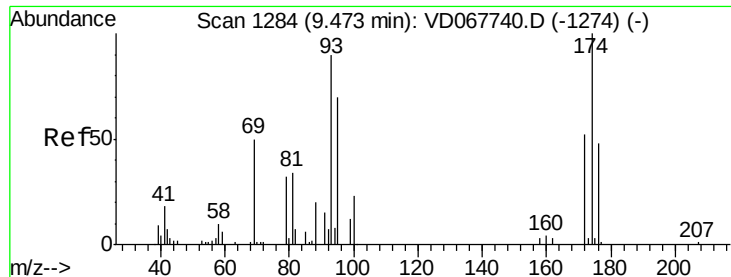
Ion Ratio Lower Upper

41 100

69 113.7 87.8 131.6

39 85.4 60.5 90.7





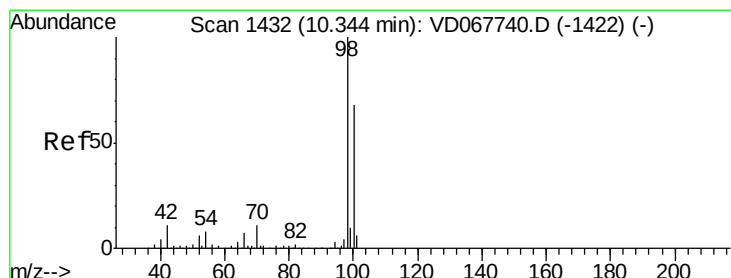
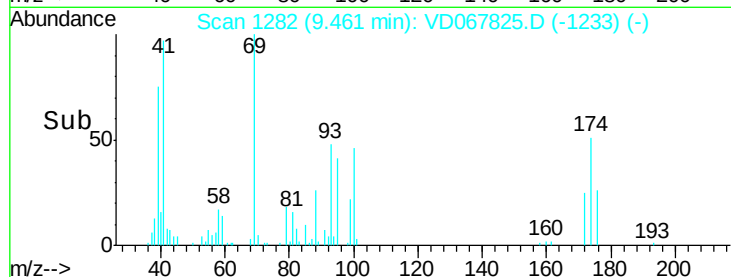
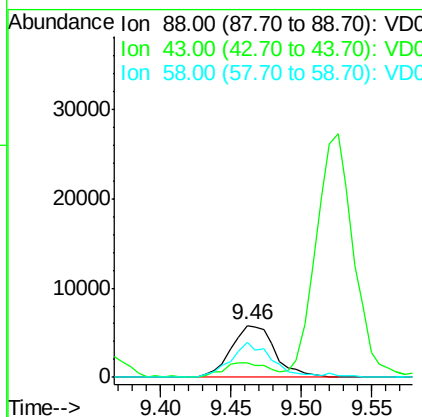
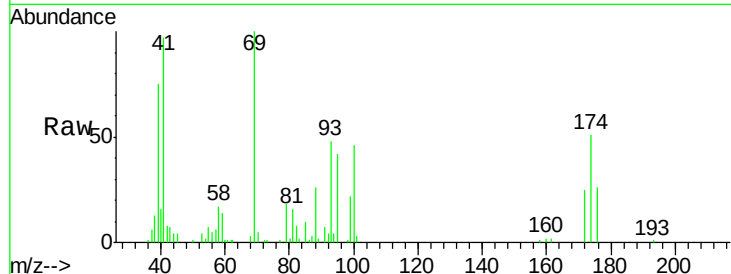
#49
1,4-Dioxane
Concen: 1122.335 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	12646
Ion Ratio	Lower	Upper	
88	100		
43	28.8	25.2	37.8
58	66.3	48.2	72.2

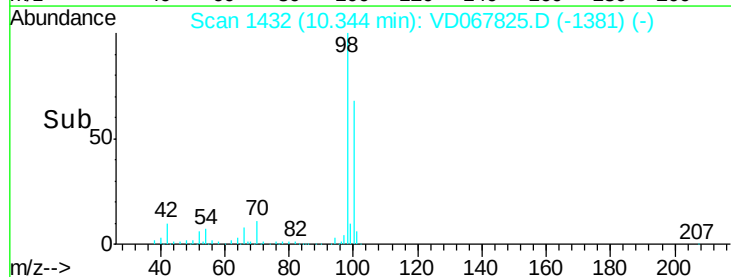
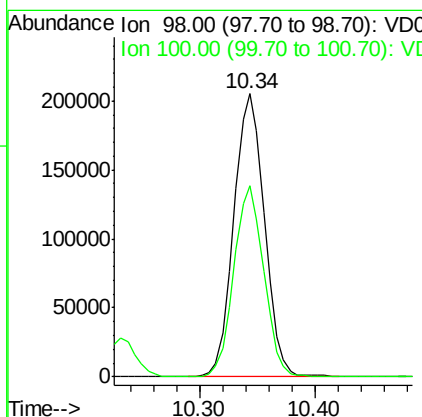
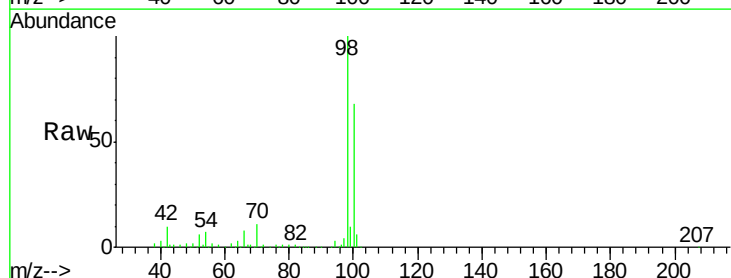
Manual Integrations
APPROVED

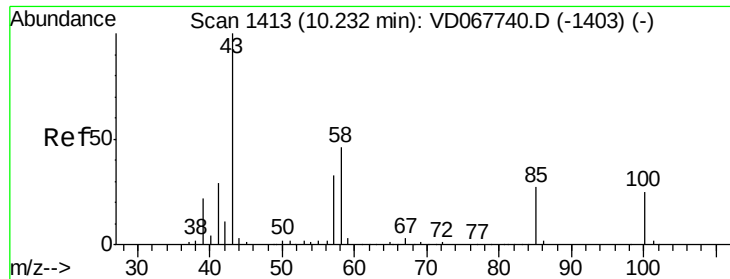
MMDadoda
12/1/2020 12:43:49 PM



#50
Toluene-d8
Concen: 51.426 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	98	Resp	377865
Ion Ratio	Lower	Upper	
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 267.274 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 183013

Ion Ratio Lower Upper

43 100

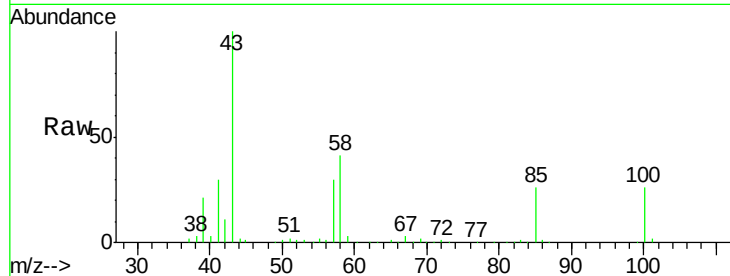
58 44.2 34.7 52.1

Manual Integrations

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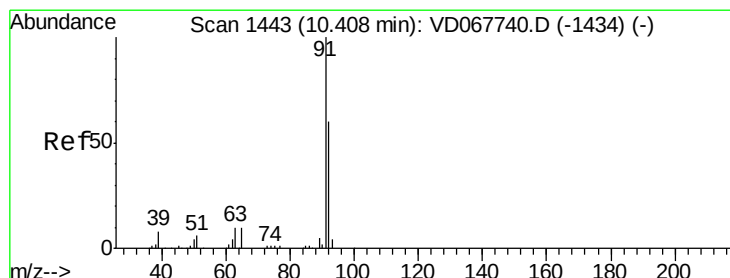
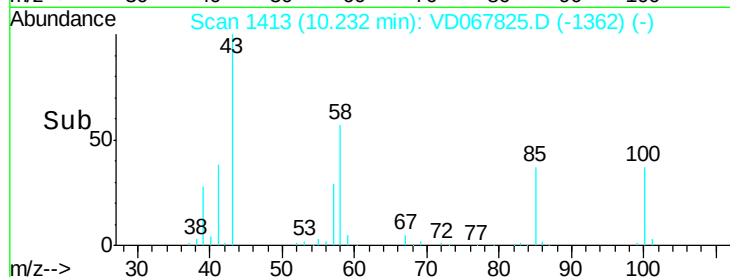
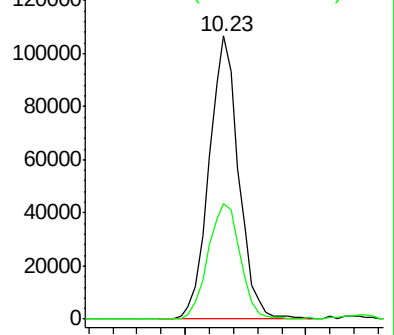
MMDadoda

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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: 51.357 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067825.D

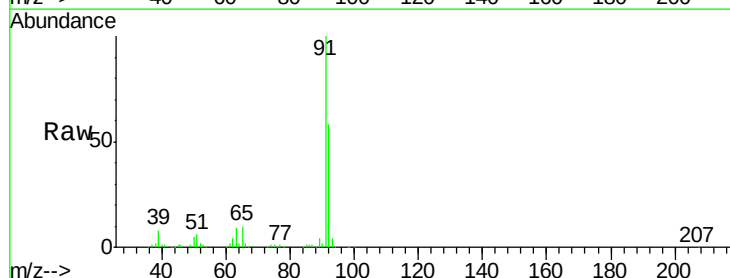
Acq: 30 Nov 2020 20:10

Tgt Ion: 92 Resp: 259301

Ion Ratio Lower Upper

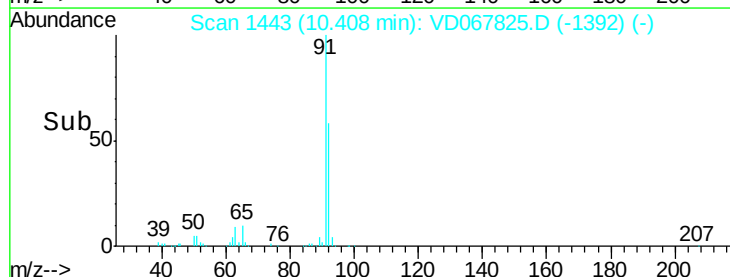
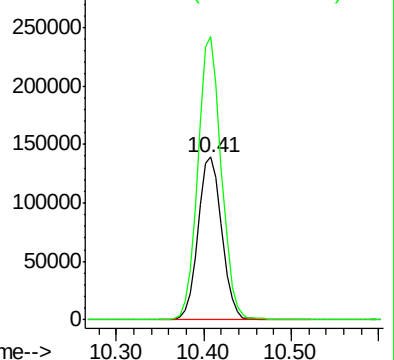
92 100

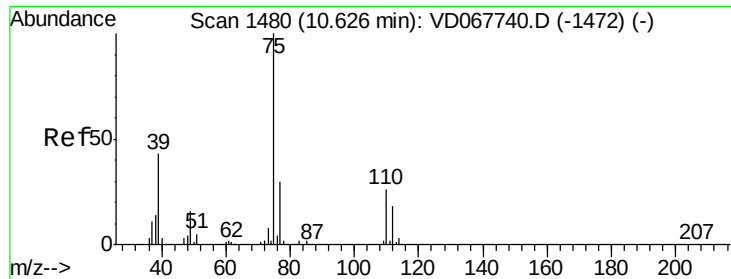
91 171.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





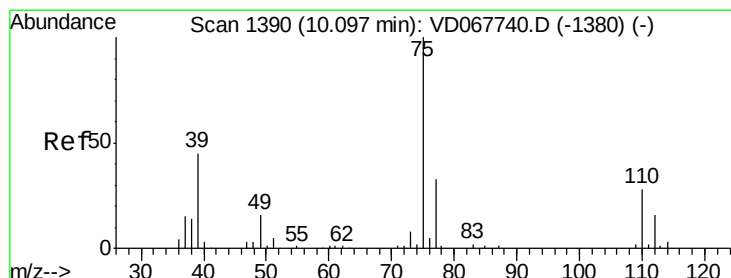
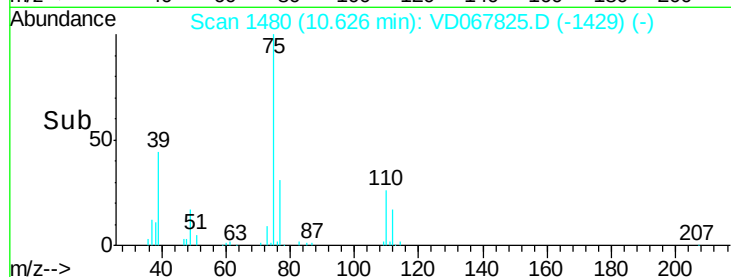
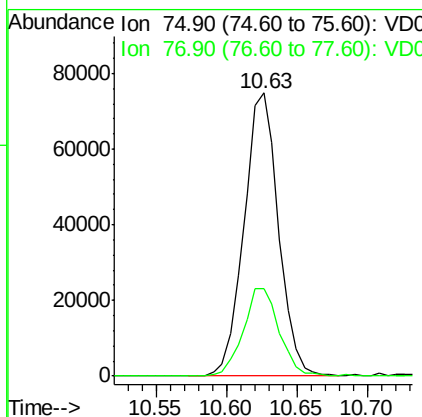
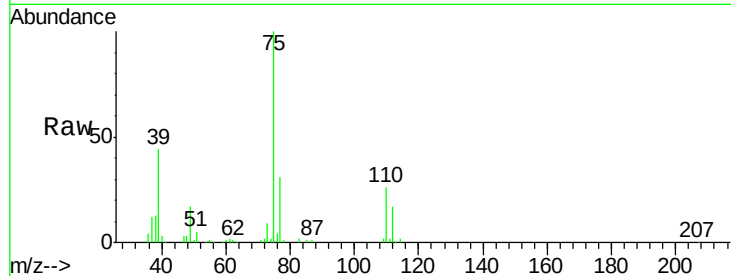
#53
t-1,3-Dichloropropene
Concen: 50.735 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.2	36.4

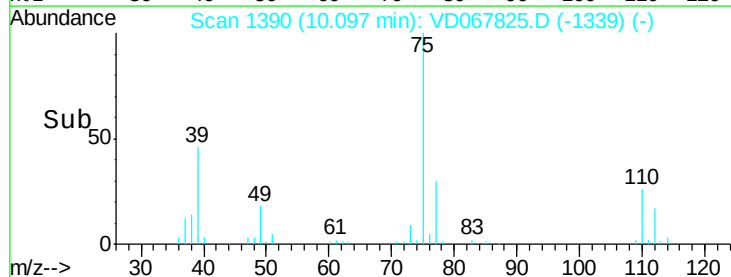
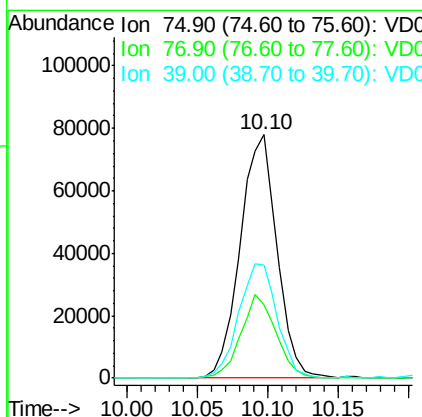
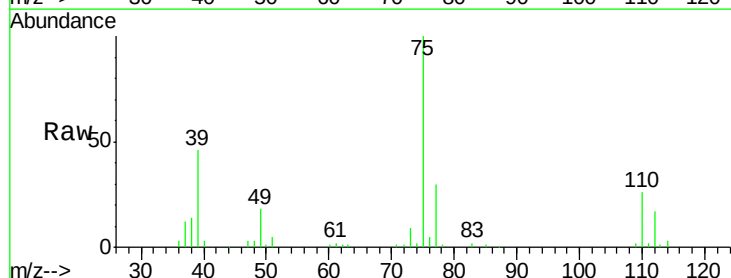
Manual Integrations
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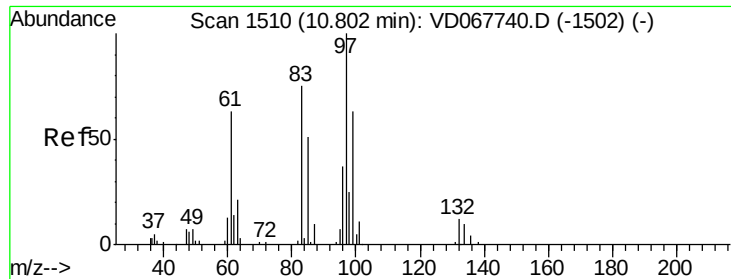
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.691 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	26.1	39.1
39	46.2	35.8	53.6





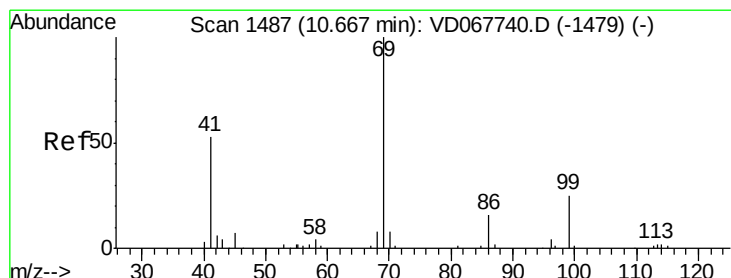
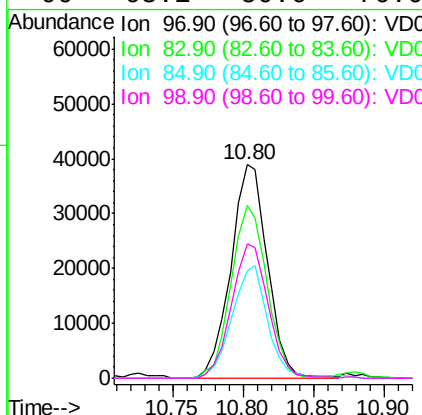
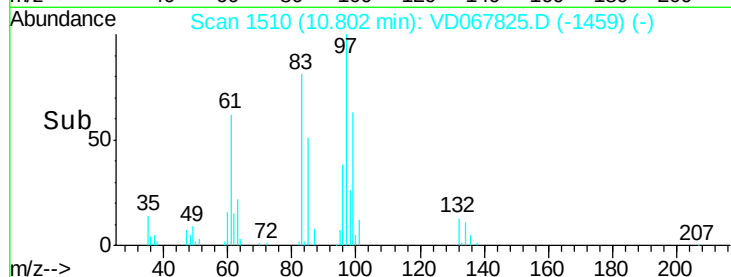
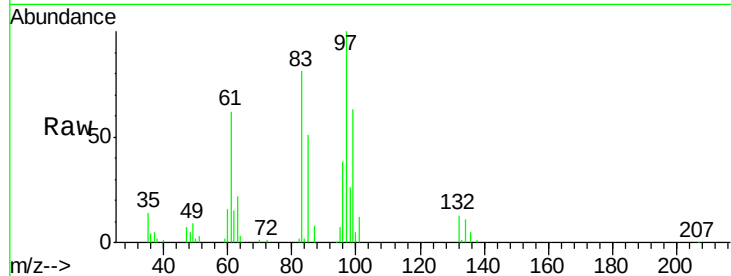
#55
 1,1,2-Trichloroethane
 Concen: 50.560 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.7	60.2	90.4
85	50.6	40.5	60.7
99	63.1	50.6	76.0

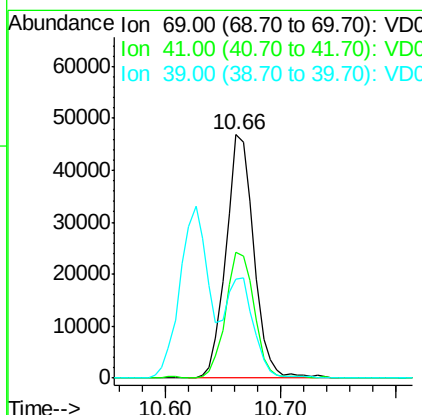
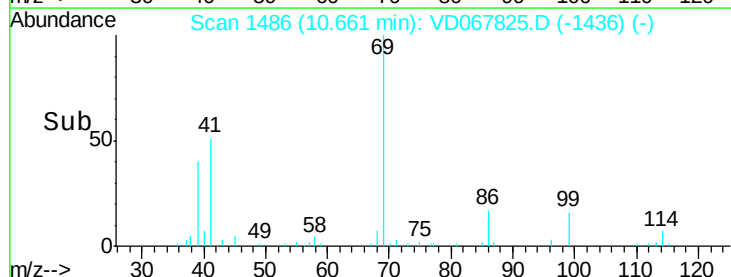
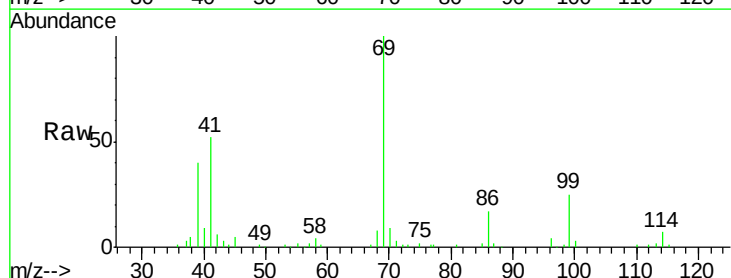
Manual Integrations
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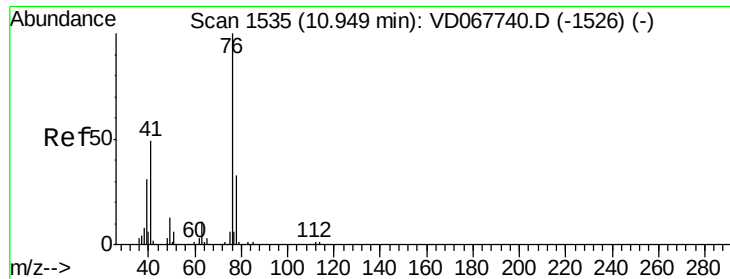
MMDadoda
 12/1/2020 12:43:49 PM



#56
 Ethyl methacrylate
 Concen: 54.289 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.4	43.4	65.0
39	37.7	29.6	44.4





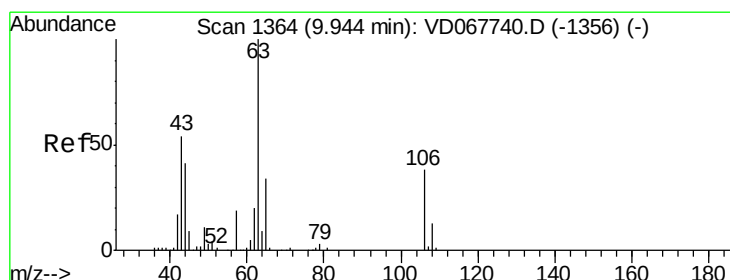
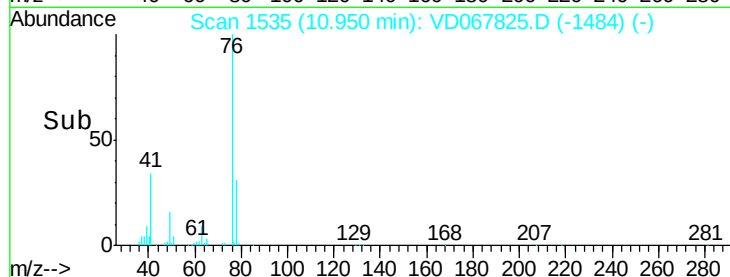
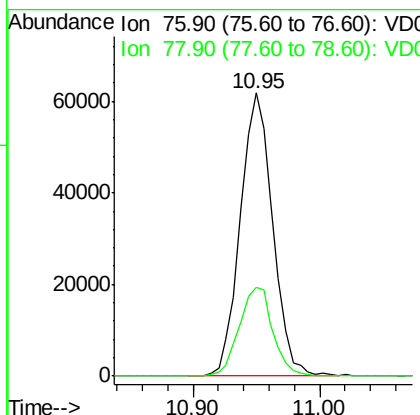
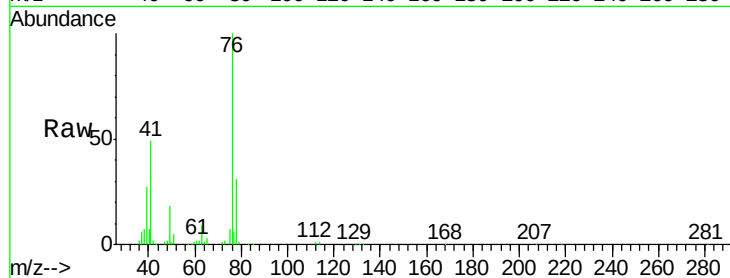
#57
 1,3-Dichloropropane
 Concen: 49.856 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5

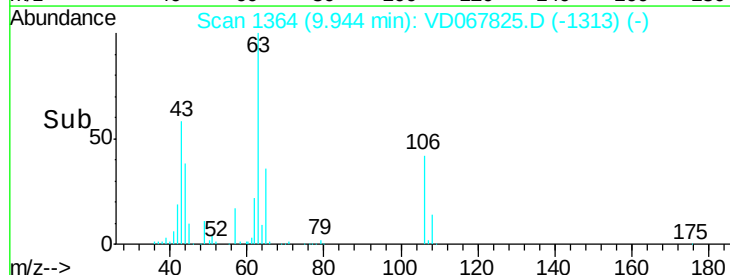
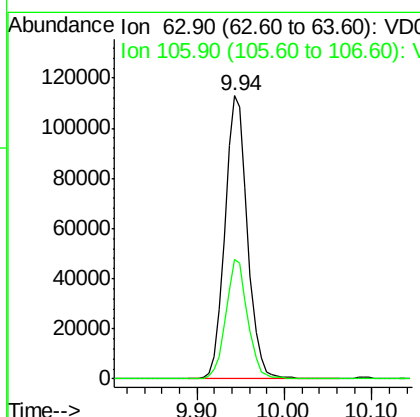
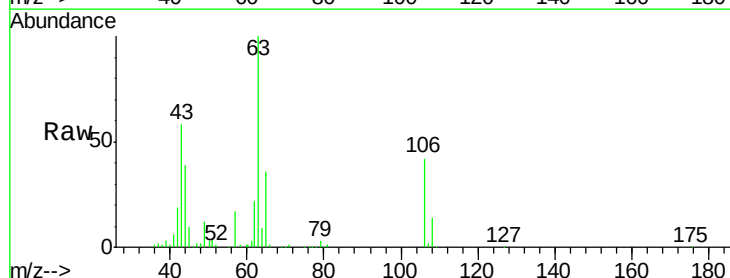
Manual Integrations
 APPROVED

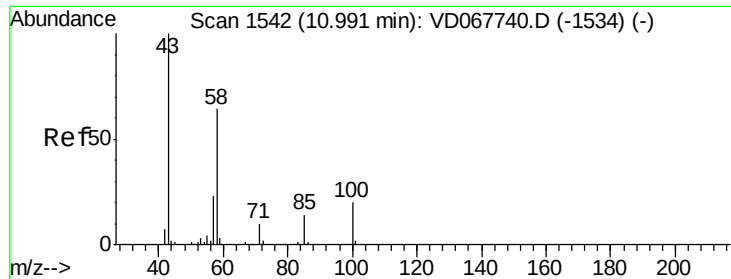
MMDadoda
 12/1/2020 12:43:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.921 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	41.0	31.0	46.6





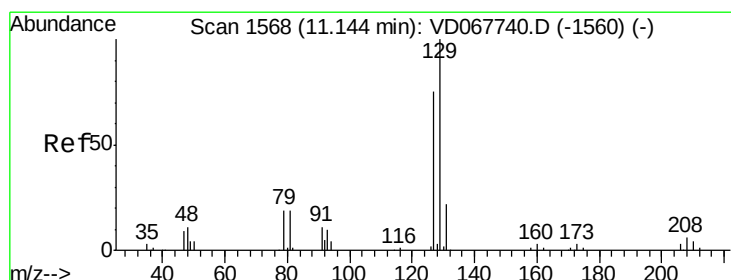
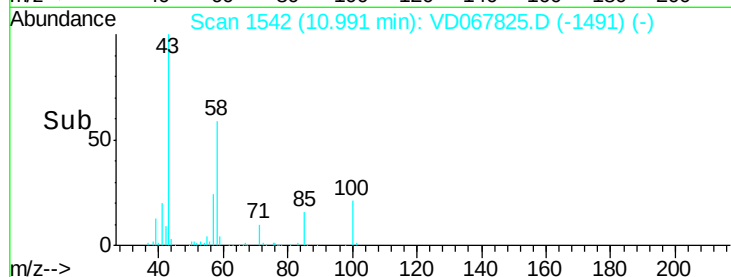
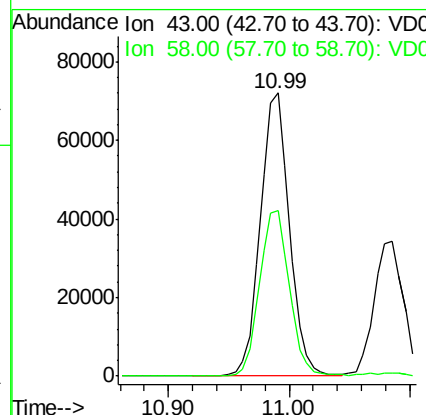
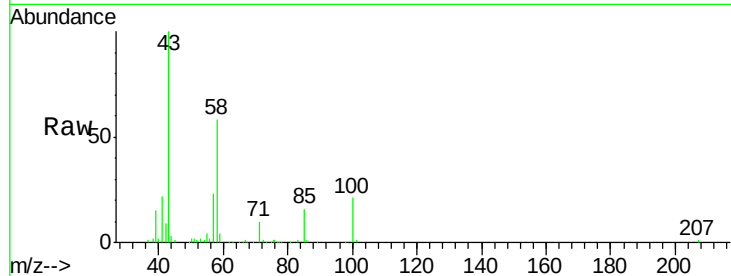
#59
2-Hexanone
Concen: 249.895 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	120811
Ion Ratio	100	Lower	Upper
43	100		
58	60.0	30.5	91.5

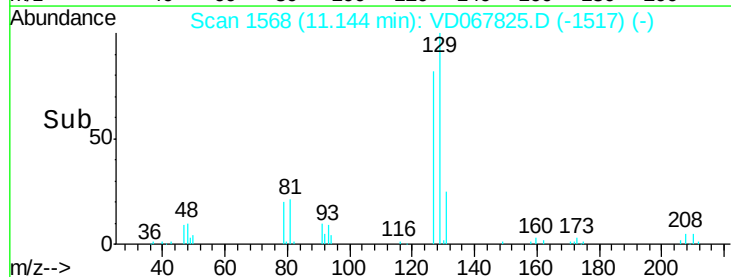
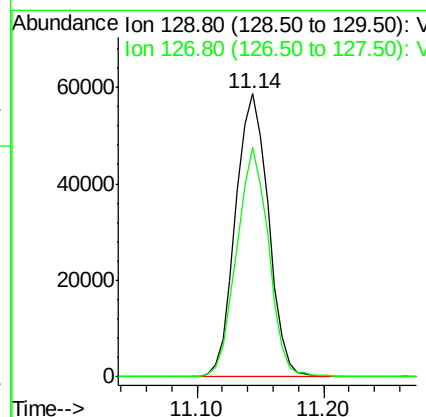
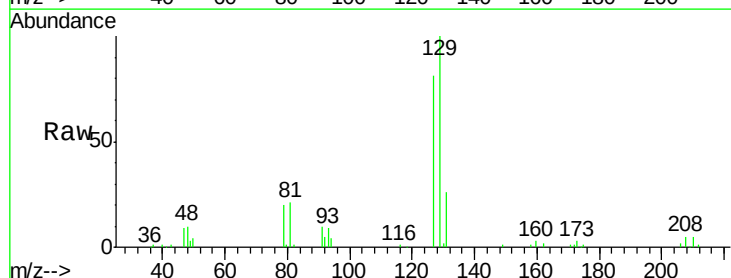
Manual Integrations
APPROVED

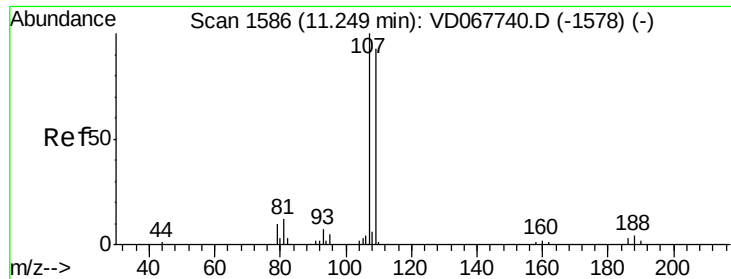
MMDadoda
12/1/2020 12:43:49 PM



#60
Dibromochloromethane
Concen: 49.571 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	129	Resp	105379
Ion Ratio	100	Lower	Upper
129	100		
127	78.9	38.6	115.7





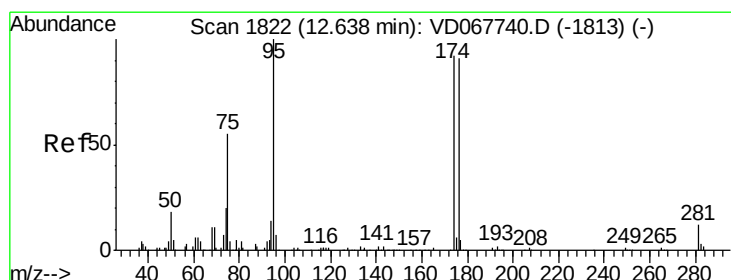
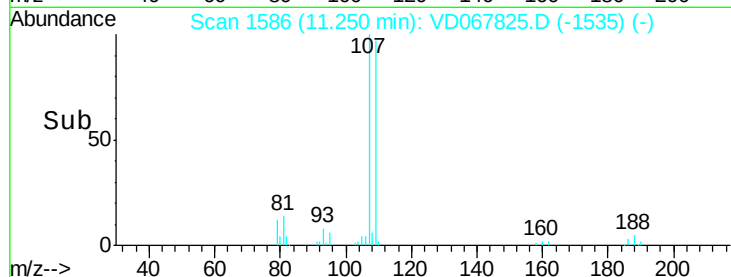
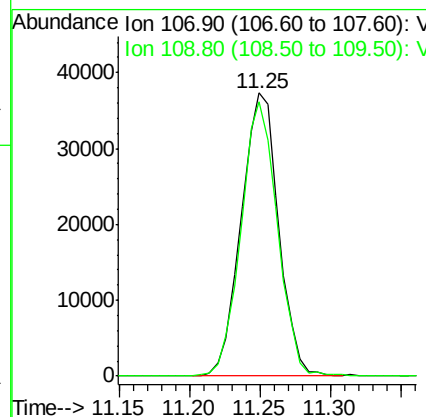
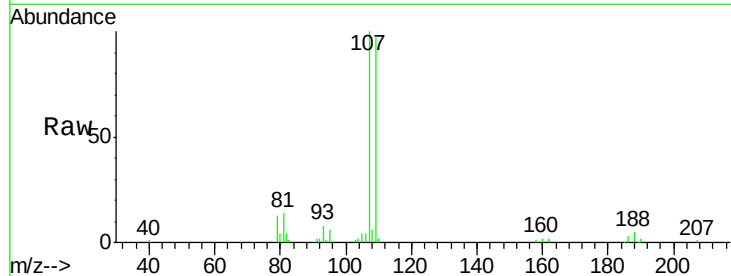
#61
 1,2-Dibromoethane
 Concen: 50.170 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 68961
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.1 112.7

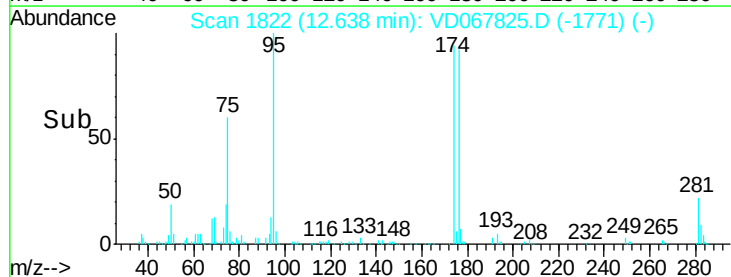
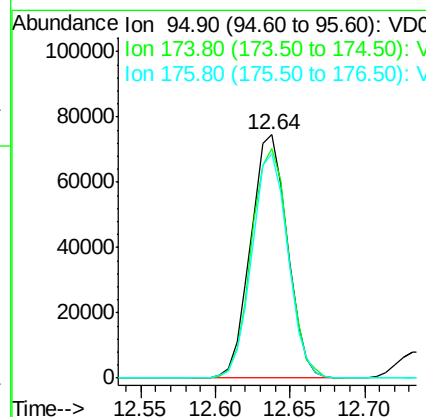
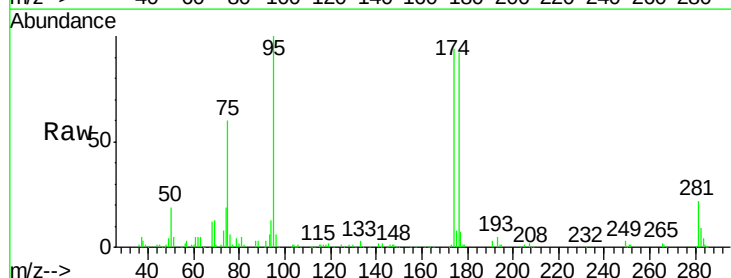
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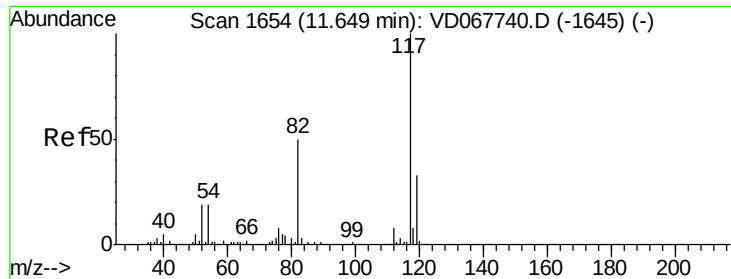
MMDadoda
 12/1/2020 12:43:49 PM



#62
 4-Bromofluorobenzene
 Concen: 50.413 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion: 95 Resp: 126613
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 182.4
 176 90.6 0.0 178.2





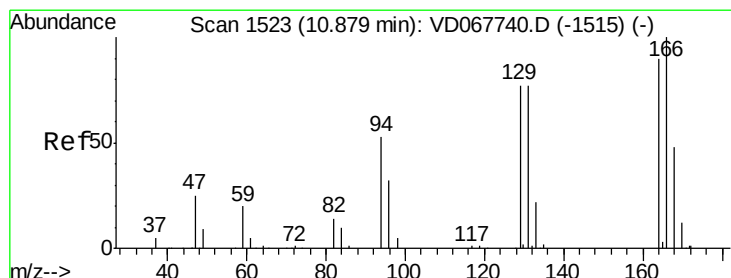
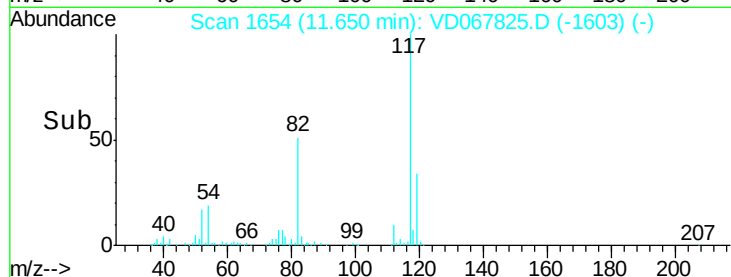
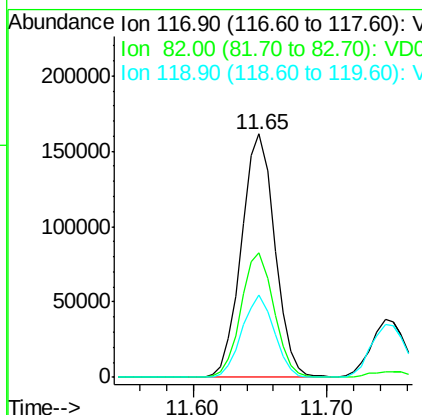
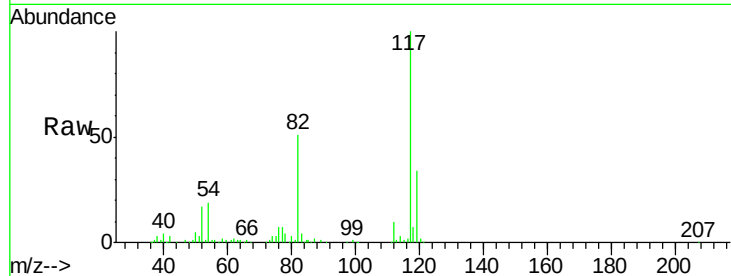
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.2	60.4
119	34.0	26.5	39.7

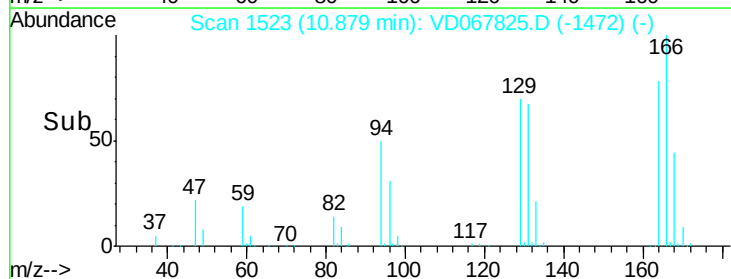
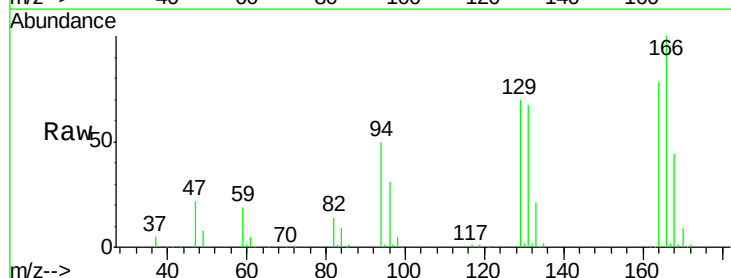
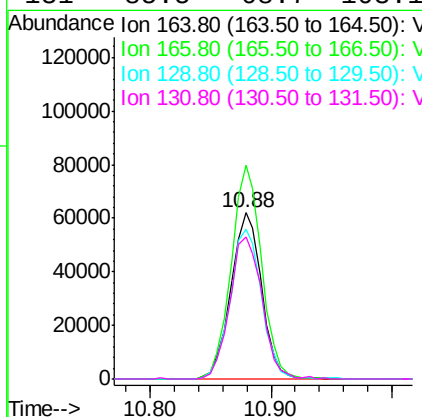
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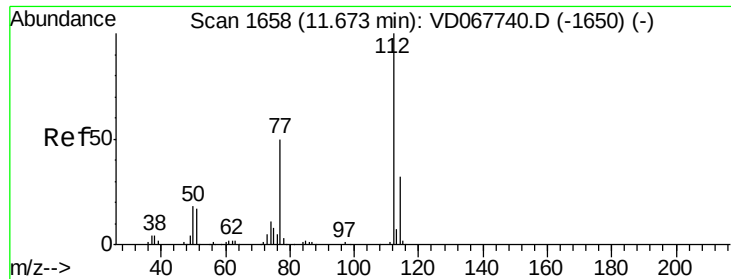
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#64
Tetrachloroethene
Concen: 50.886 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	89.2	133.8
129	90.0	68.4	102.6
131	85.5	68.7	103.1





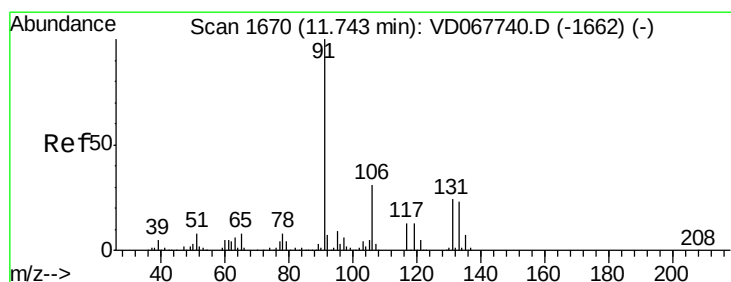
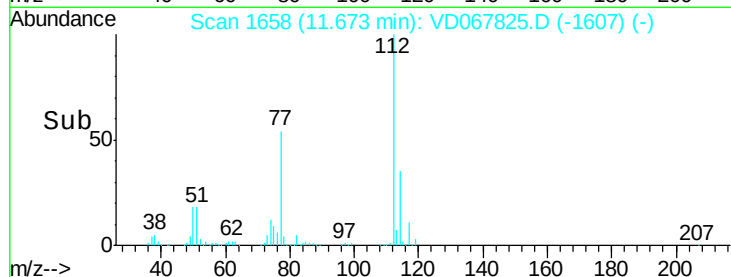
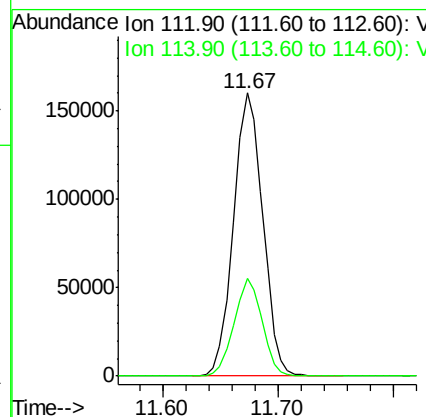
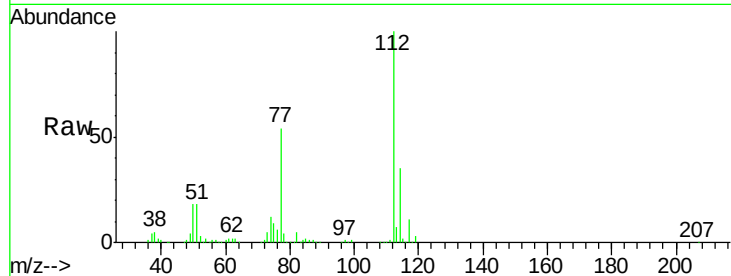
#65
Chlorobenzene
Concen: 51.396 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 281874
Ion Ratio Lower Upper
112 100
114 34.6 25.8 38.8

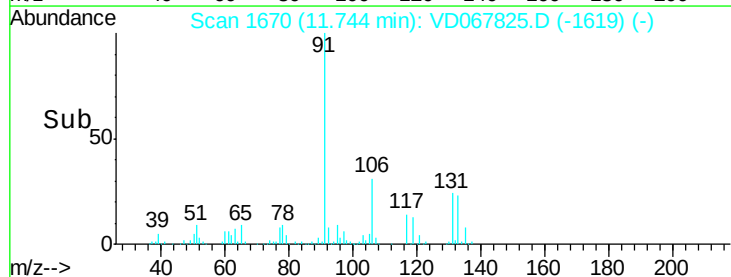
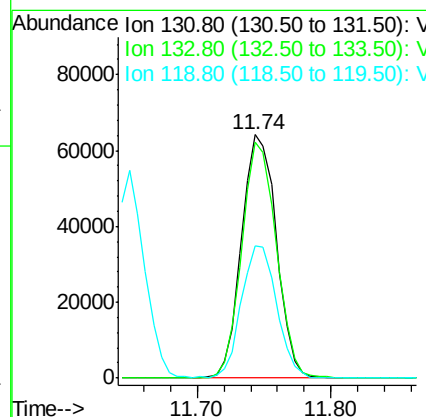
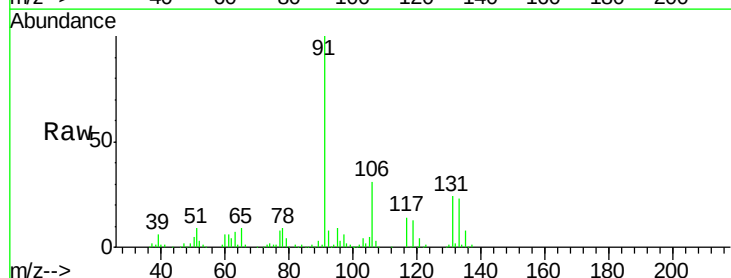
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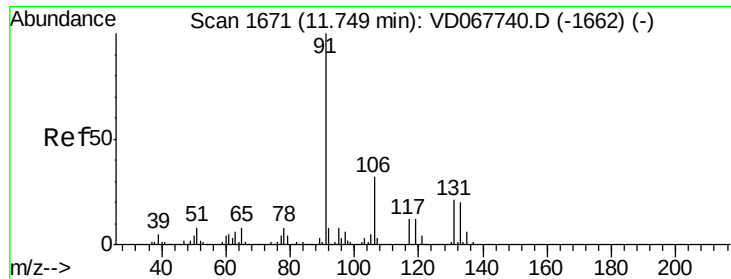
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.263 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion:131 Resp: 115944
Ion Ratio Lower Upper
131 100
133 96.2 49.0 147.0
119 55.3 28.8 86.5





#67

Ethyl Benzene

Concen: 51.509 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 487689

Ion Ratio Lower Upper

91 100

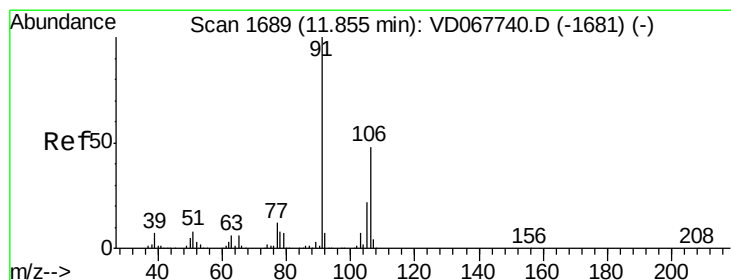
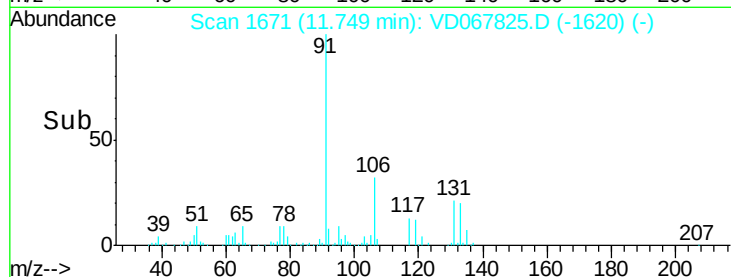
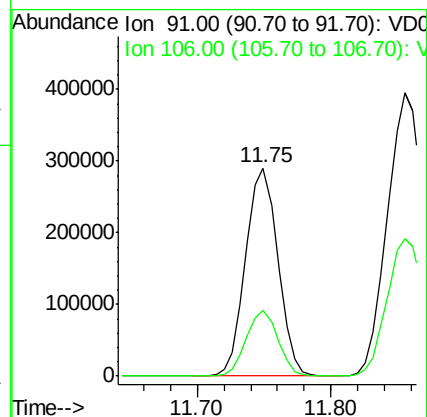
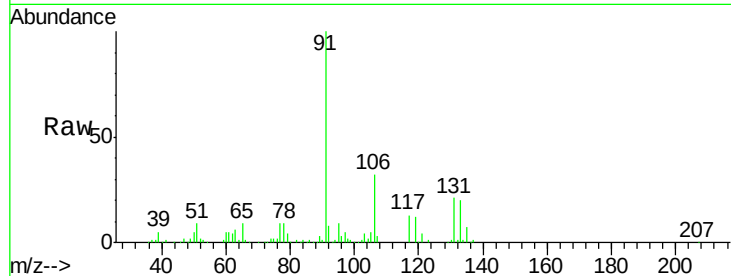
106 31.6 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.122 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067825.D

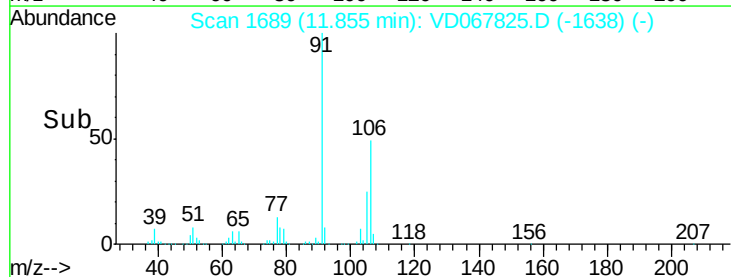
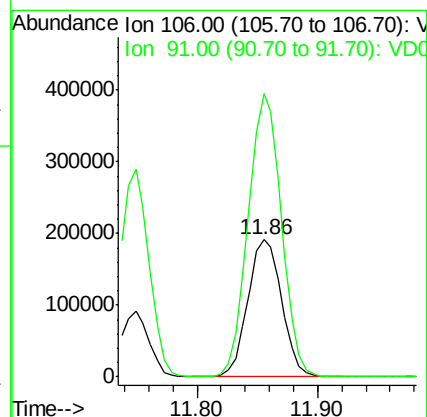
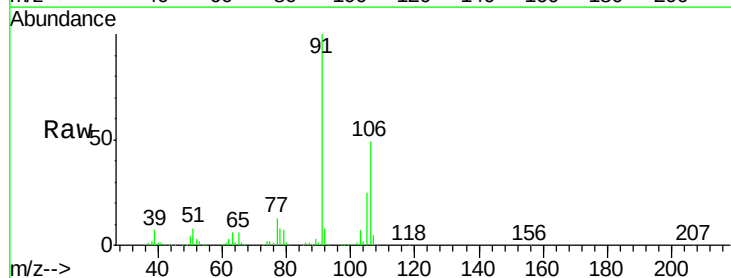
Acq: 30 Nov 2020 20:10

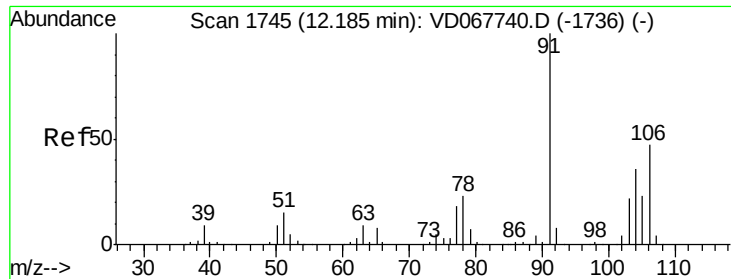
Tgt Ion: 106 Resp: 376263

Ion Ratio Lower Upper

106 100

91 201.9 163.0 244.6





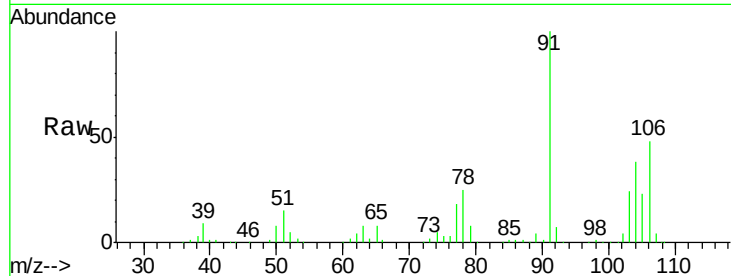
#69
o-Xylene
Concen: 52.463 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

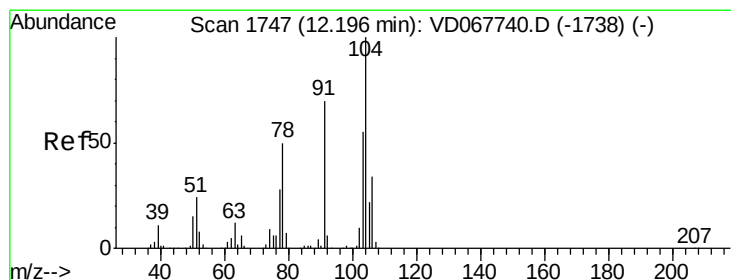
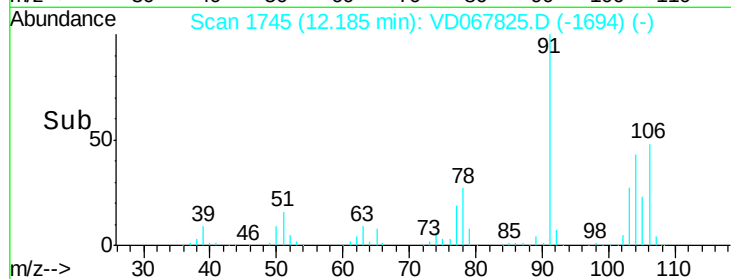
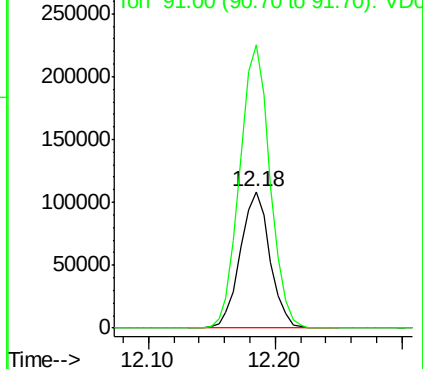
Tot Ion:106 Resp: 175994
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.6

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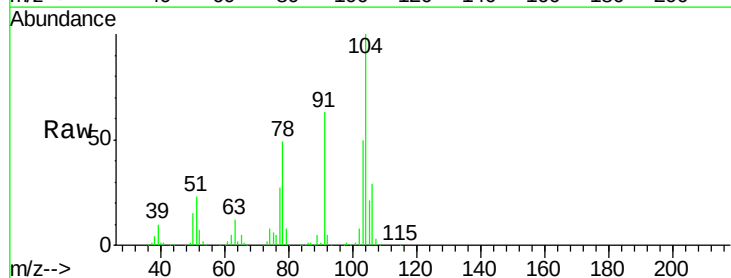


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

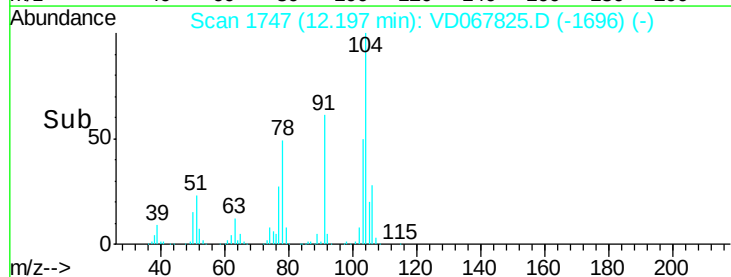
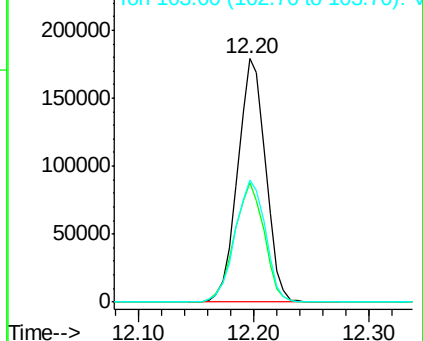


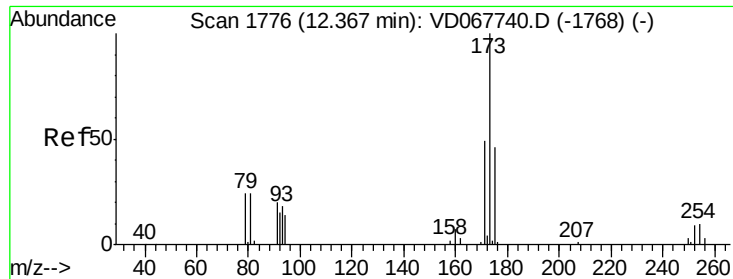
#70
Styrene
Concen: 52.450 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion:104 Resp: 299698
Ion Ratio Lower Upper
104 100
78 52.2 41.9 62.9
103 54.6 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





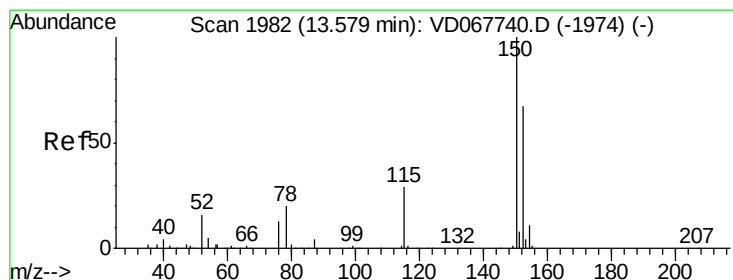
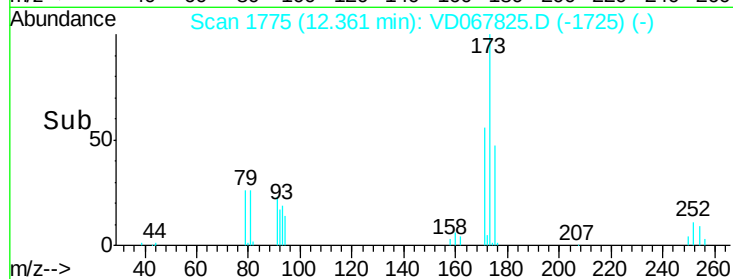
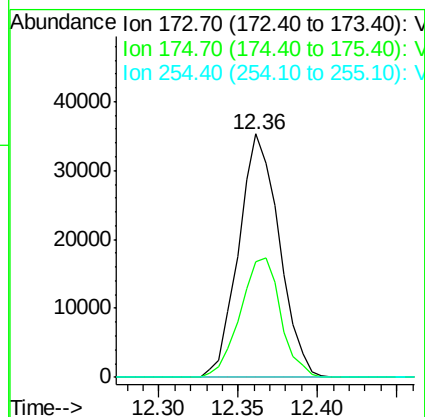
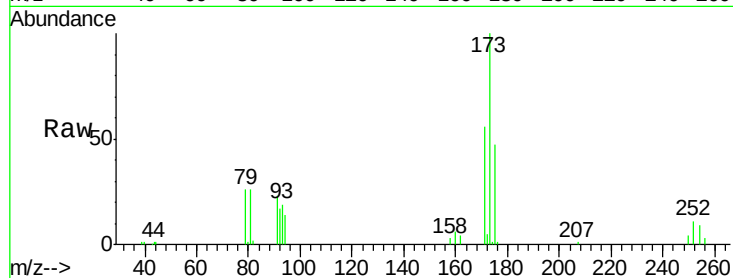
#71
Bromoform
Concen: 52.123 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.7
254	0.0	0.0	0.0

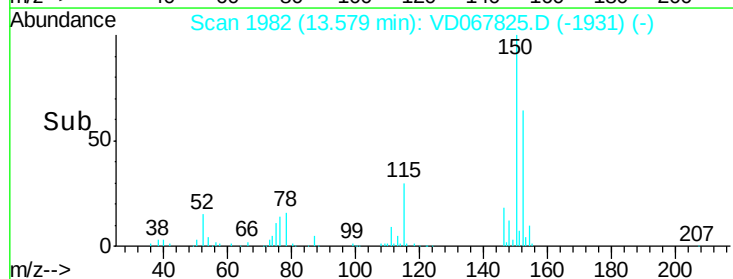
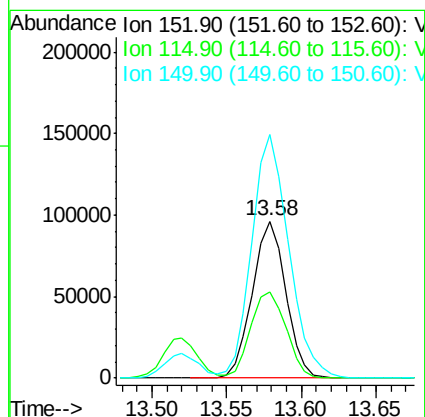
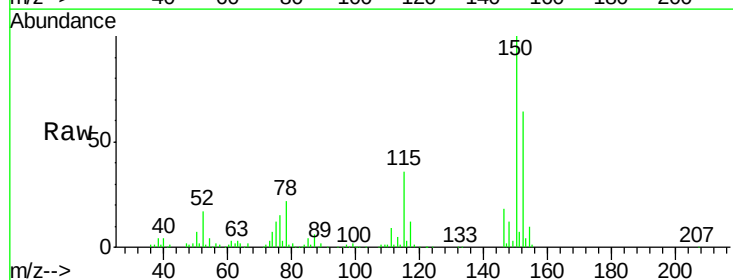
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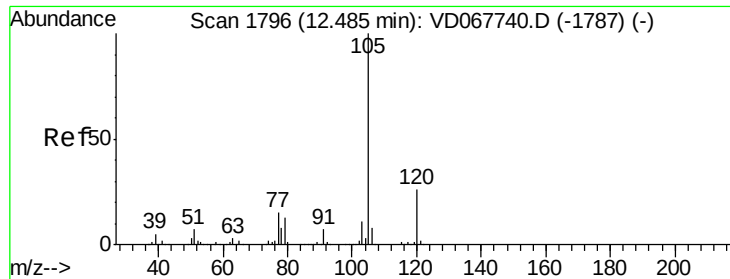
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.4	88.3
150	171.8	0.0	340.6





#73

Isopropylbenzene

Concen: 49.494 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 484838

Ion Ratio Lower Upper

105 100

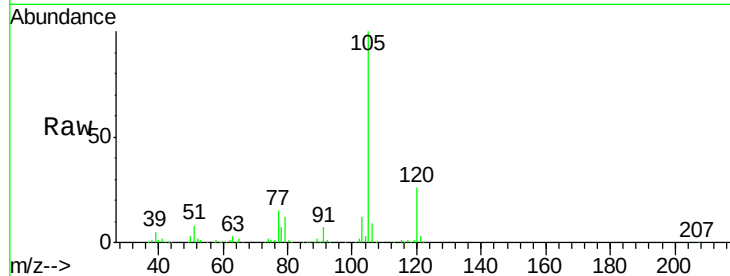
120 26.2 13.2 39.6

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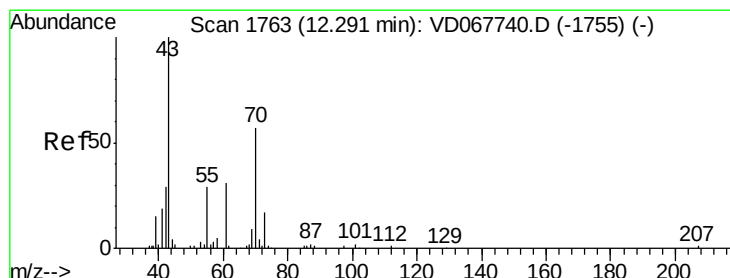
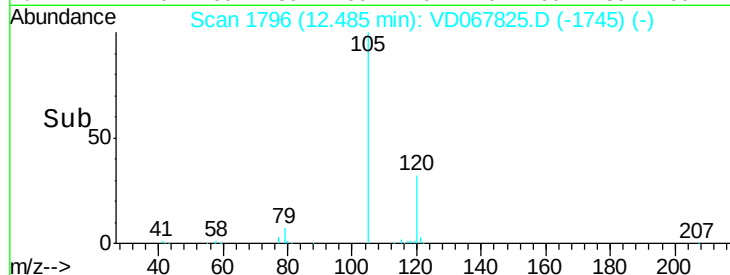
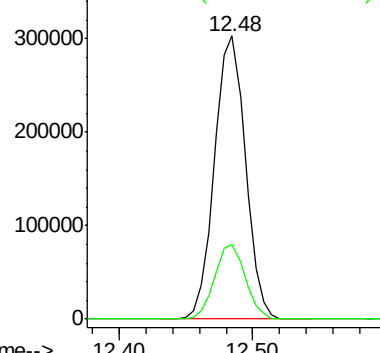
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.216 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 43 Resp: 63578

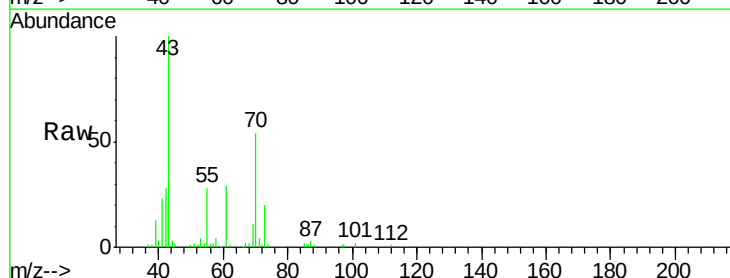
Ion Ratio Lower Upper

43 100

70 54.8 44.6 66.8

55 28.2 24.2 36.2

61 27.9 22.0 33.0

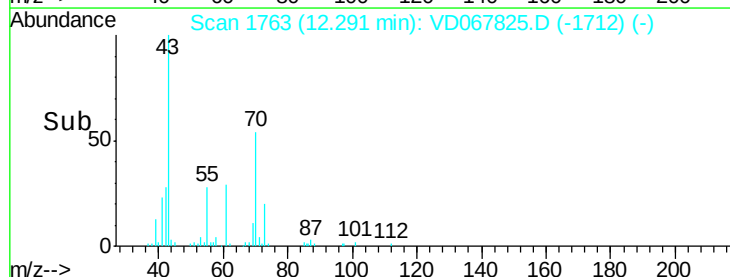
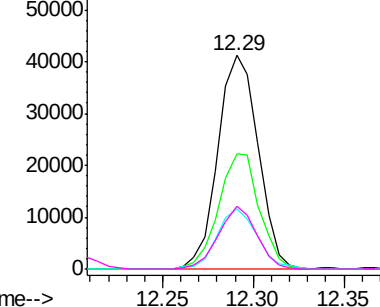


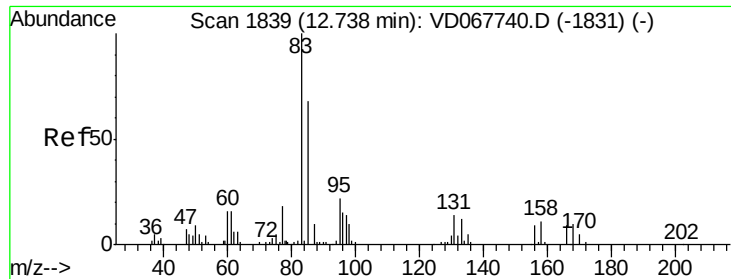
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.157 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

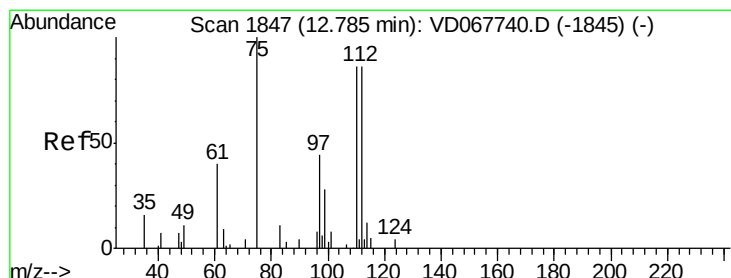
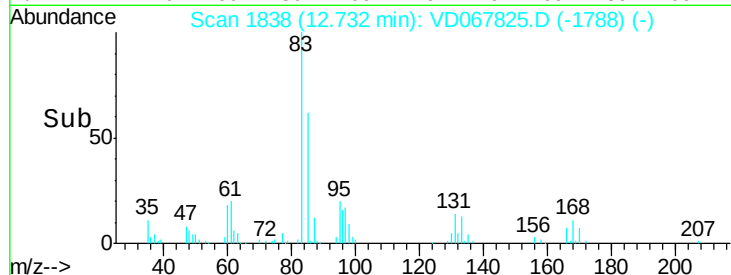
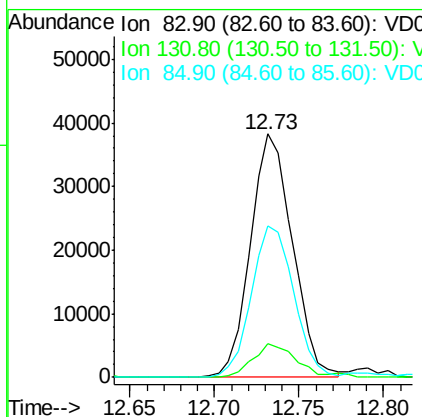
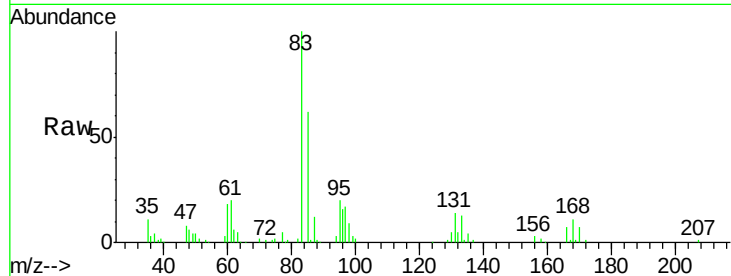
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	65939
Ion	Ratio	Lower	Upper
83	100		
131	14.7	8.1	24.1
85	62.9	33.9	101.7

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#76

1,2,3-Trichloropropane

Concen: 47.028 ug/l m

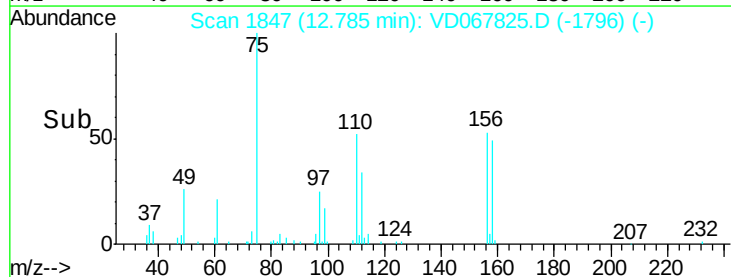
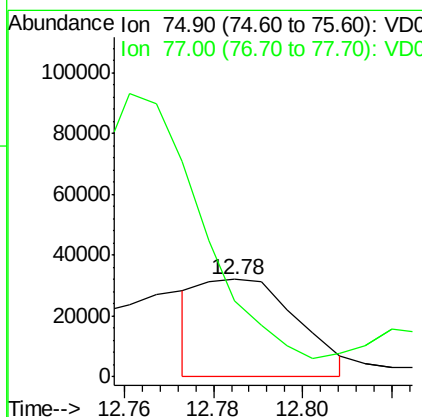
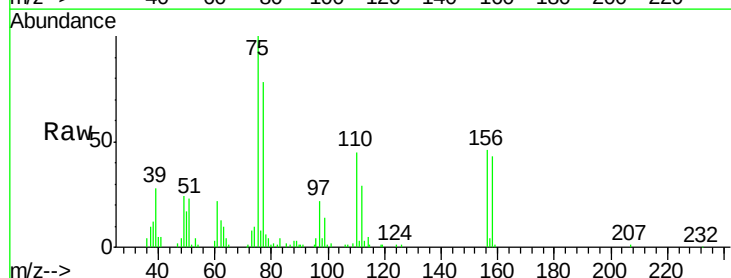
RT: 12.78 min Scan# 1847

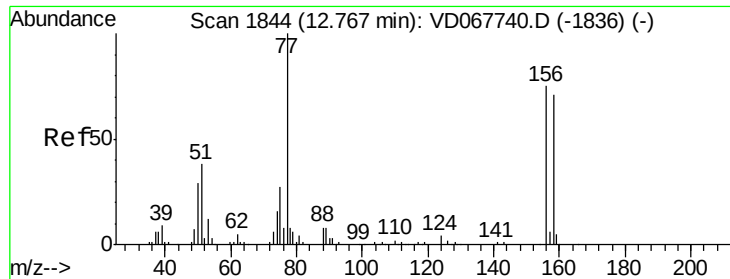
Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion:	75	Resp:	48798
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.134 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

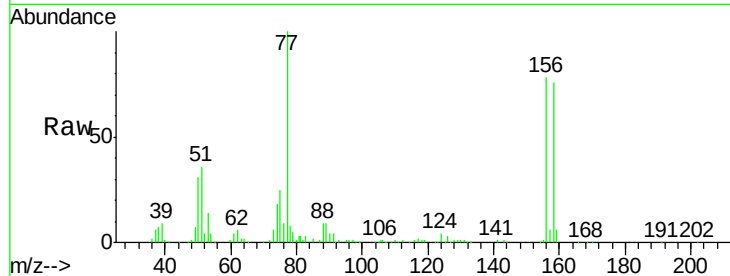
ClientSampleId :

VSTDCCC050EC

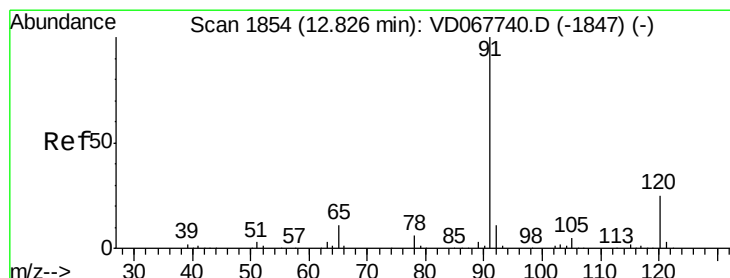
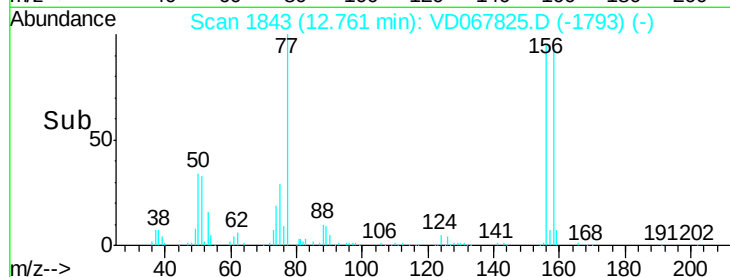
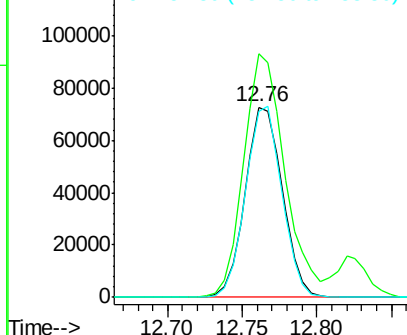
Tot Ion:	156	Resp:	125388
Ion Ratio	Lower	Upper	
156	100		
77	141.3	73.5	220.3
158	97.7	48.1	144.4

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.792 ug/l

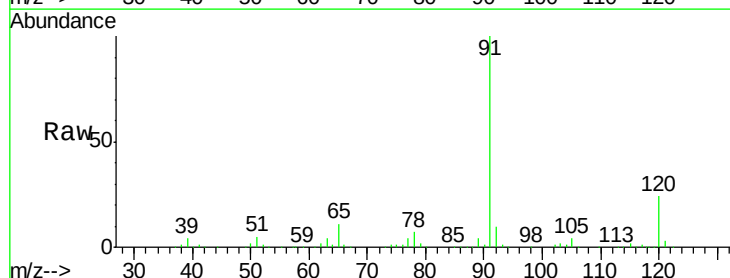
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

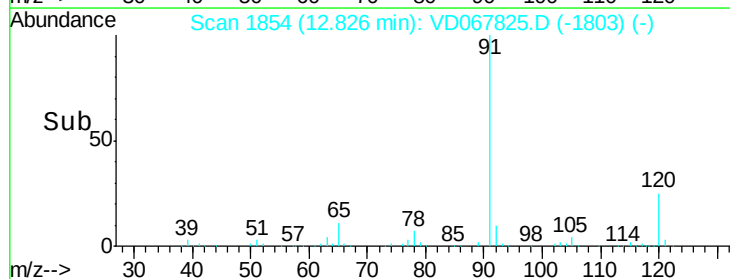
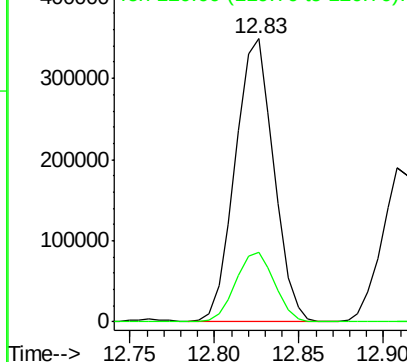
Lab File: VD067825.D

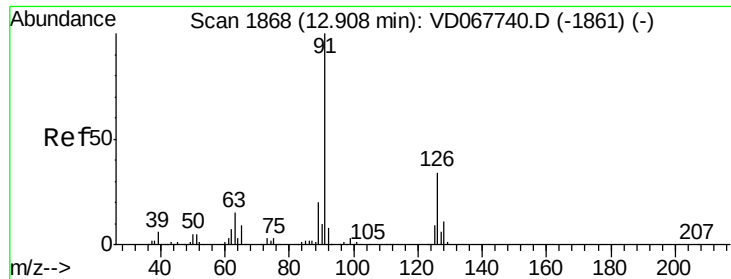
Acq: 30 Nov 2020 20:10

Tgt Ion:	91	Resp:	553550
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





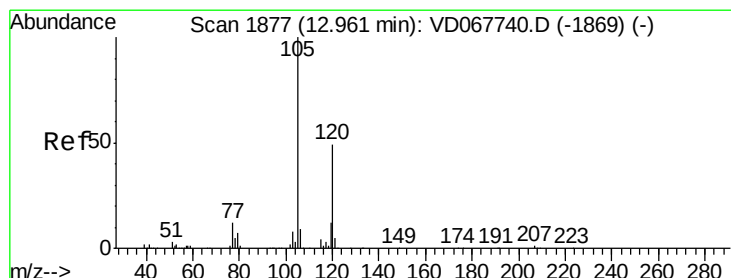
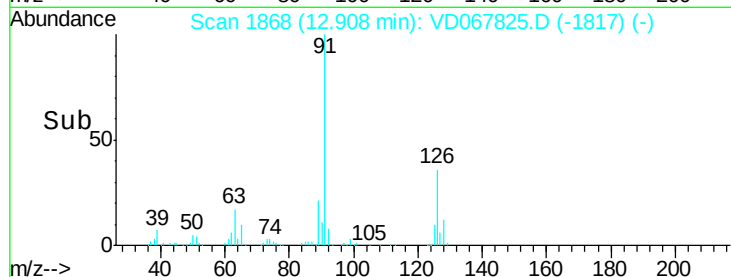
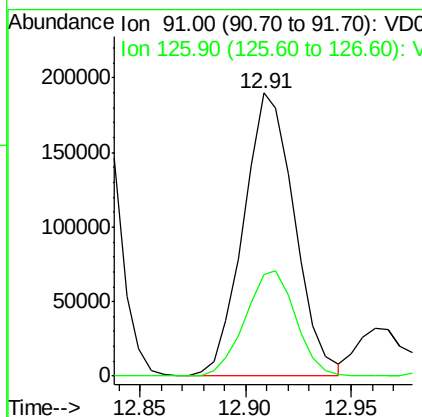
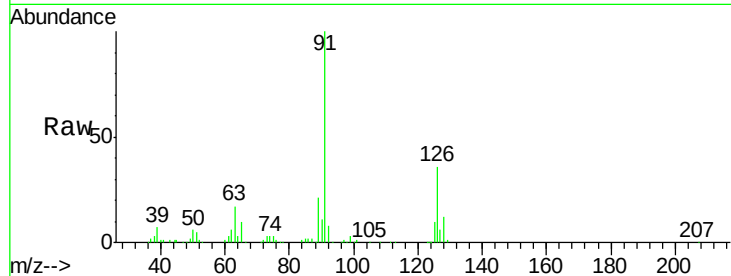
#79
 2-Chlorotoluene
 Concen: 49.348 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 318421
 Ion Ratio Lower Upper
 91 100
 126 36.9 17.9 53.7

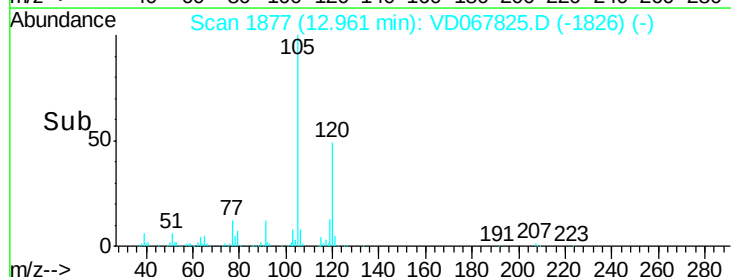
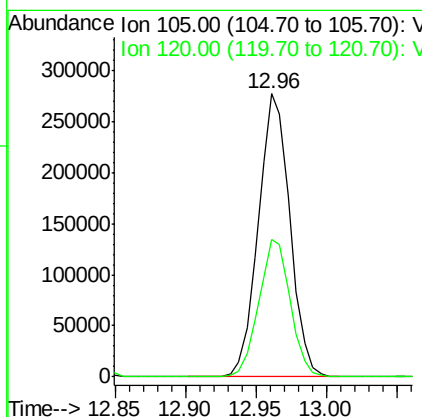
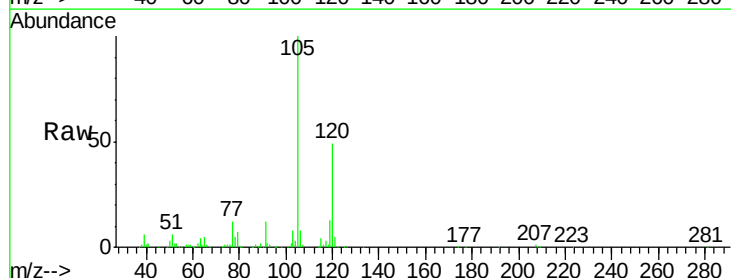
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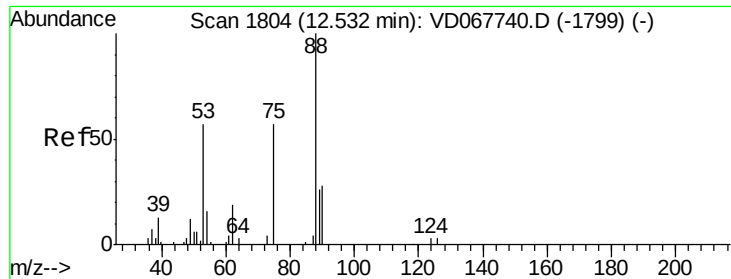
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.003 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion: 105 Resp: 434550
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 50.892 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 22578

Ion Ratio Lower Upper

75 100

53 100.8 76.0 114.0

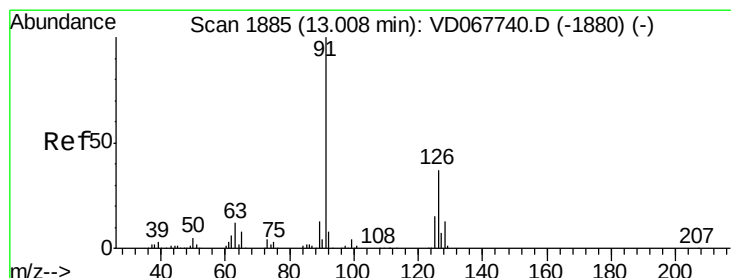
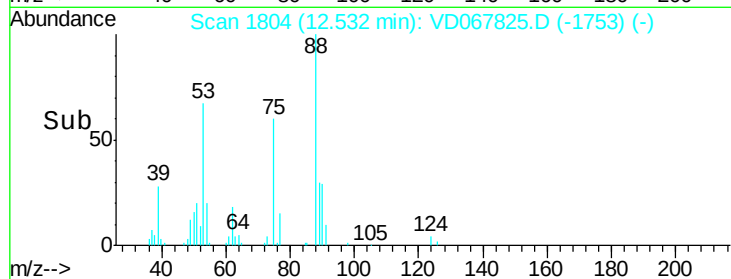
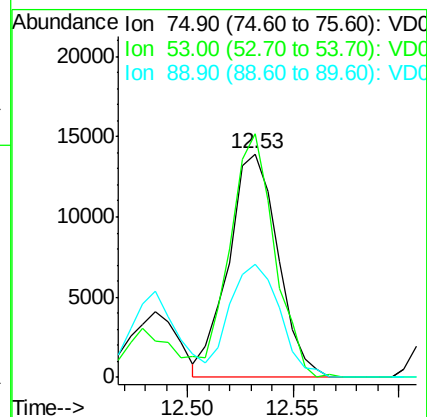
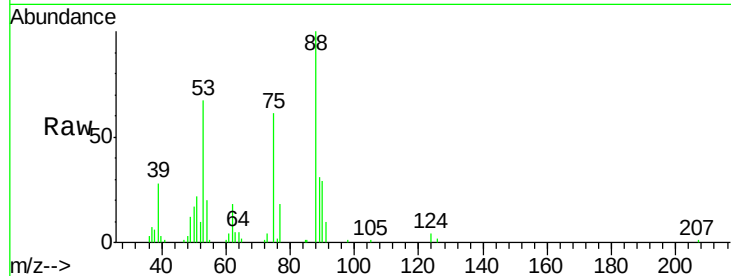
89 51.7 40.2 60.4

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#82

4-Chlorotoluene

Concen: 50.051 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067825.D

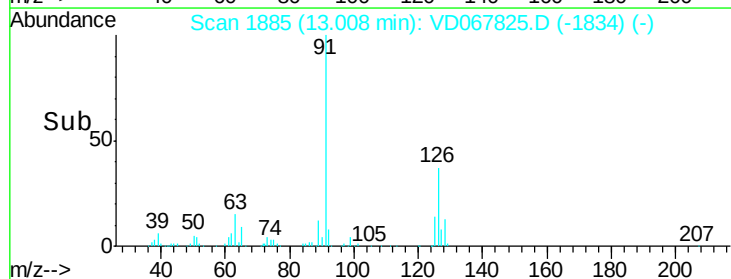
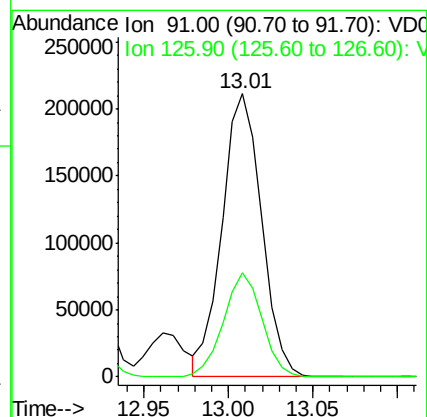
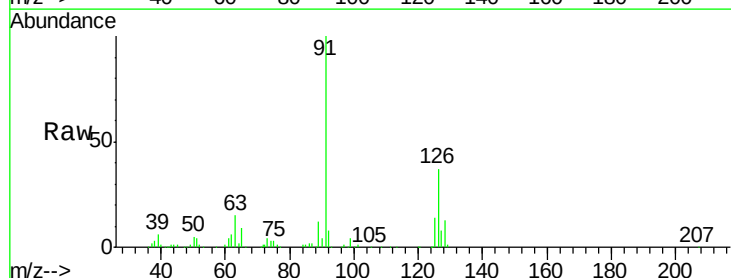
Acq: 30 Nov 2020 20:10

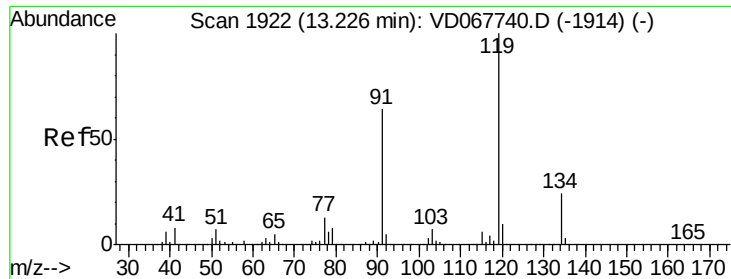
Tgt Ion: 91 Resp: 344119

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1





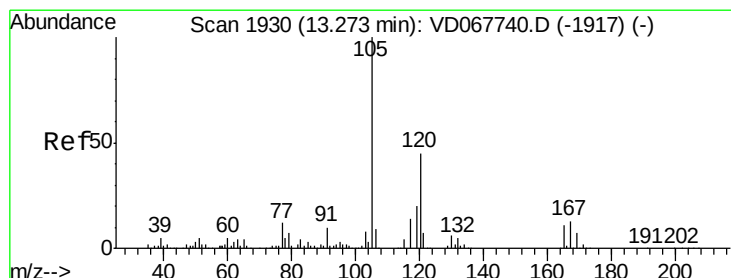
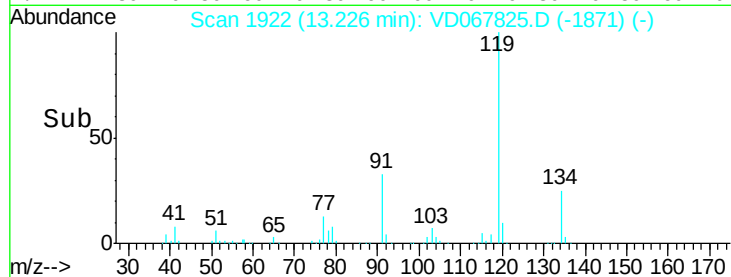
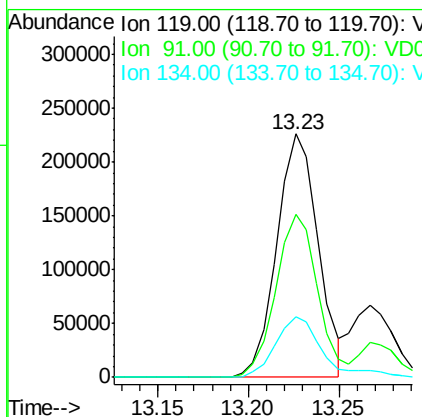
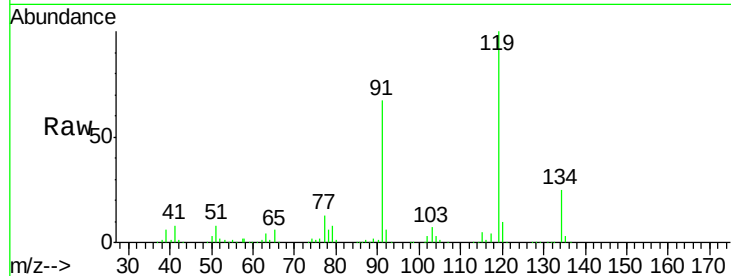
#83
 tert-Butylbenzene
 Concen: 49.238 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	32.9	98.7
134	28.3	12.9	38.6

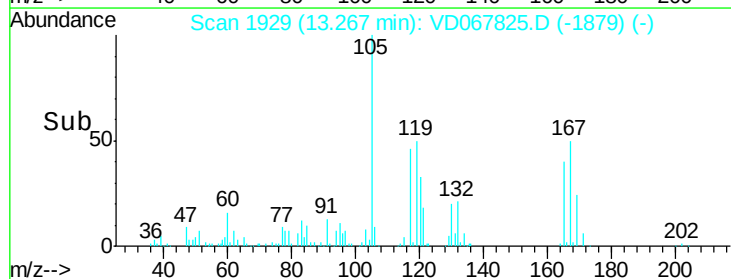
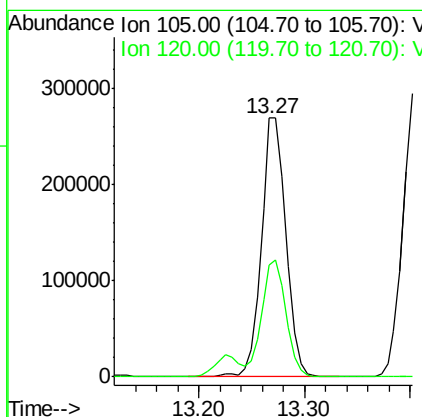
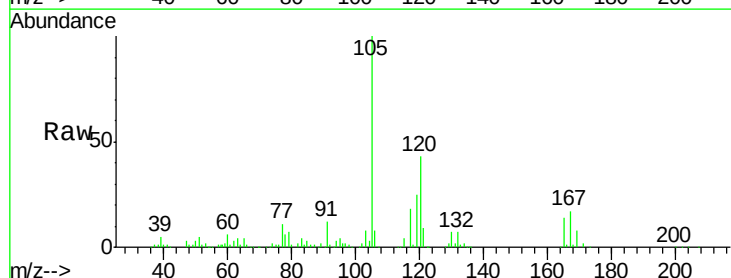
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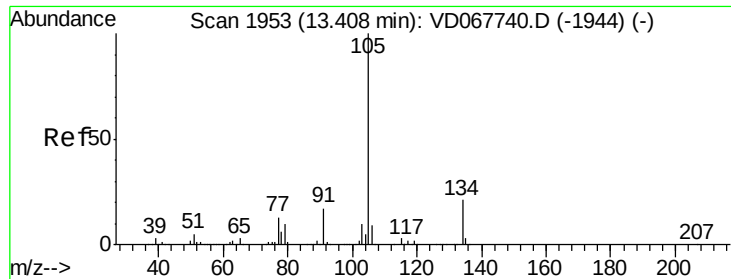
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.132 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.7





#85

sec-Butylbenzene

Concen: 48.880 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 470139

Ion Ratio Lower Upper

105 100

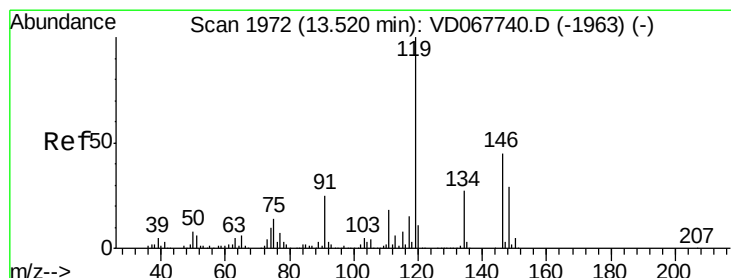
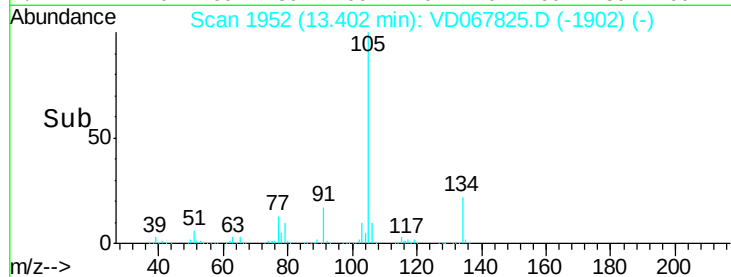
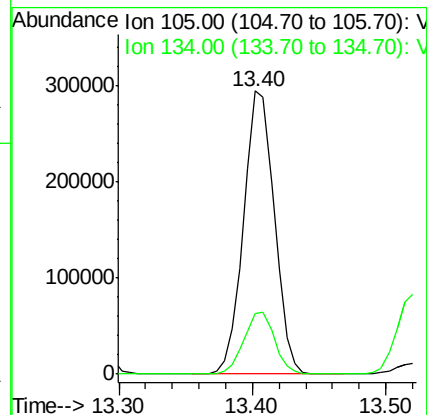
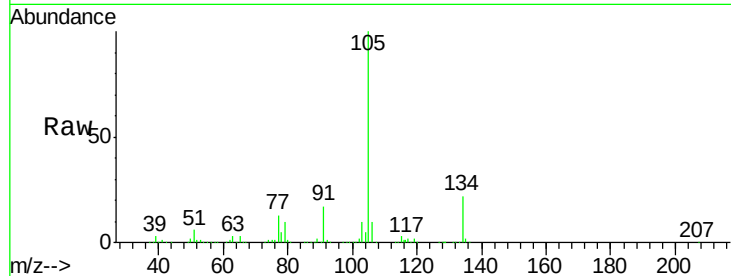
134 21.8 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 49.885 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

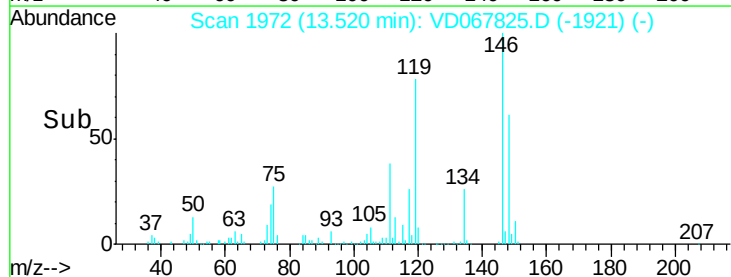
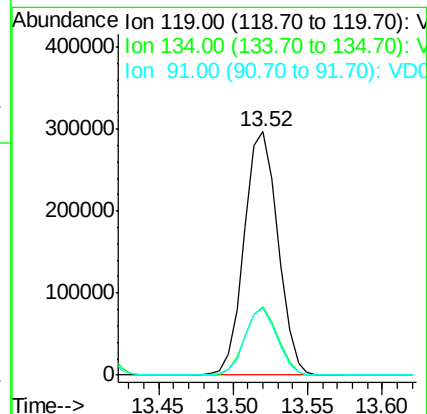
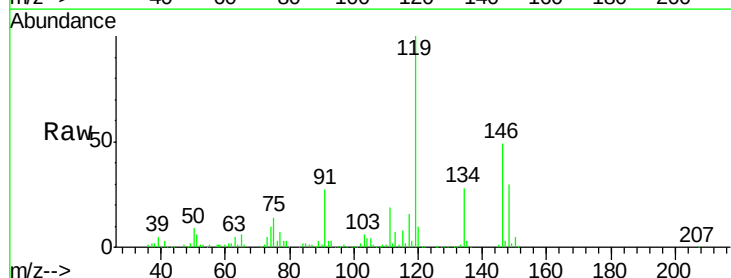
Tgt Ion:119 Resp: 464728

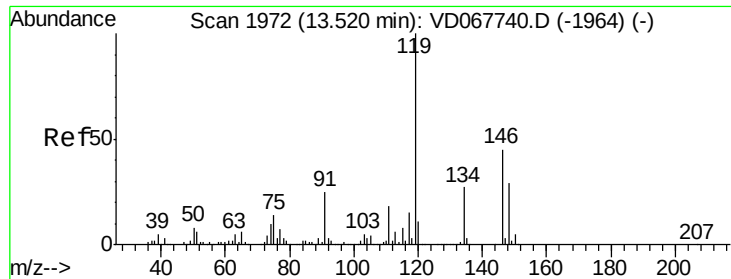
Ion Ratio Lower Upper

119 100

134 27.3 13.0 38.9

91 26.3 12.7 38.1





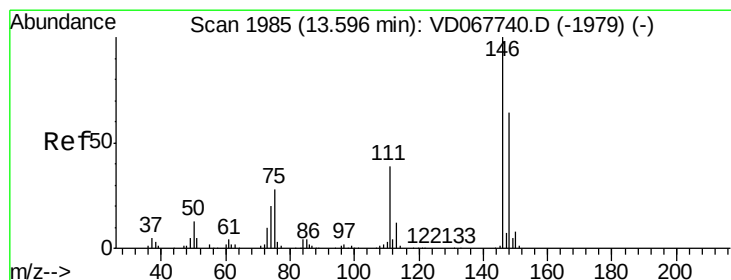
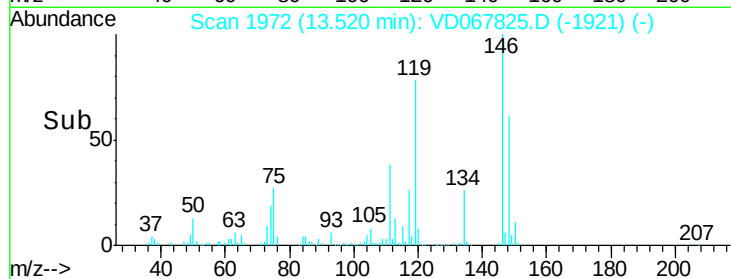
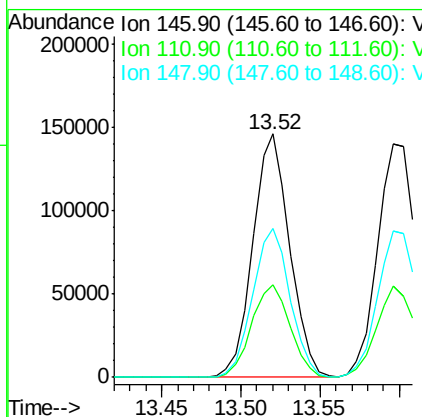
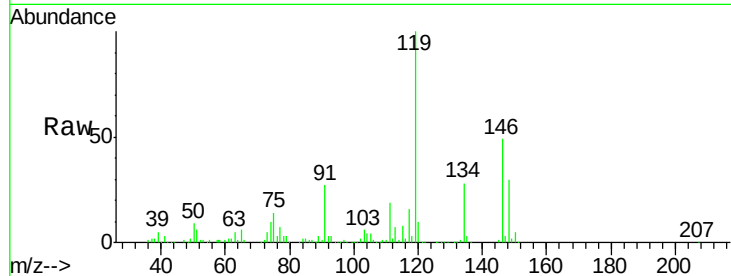
#87
 1,3-Dichlorobenzene
 Concen: 49.789 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	236287		
111	39.8	20.2	60.6	
148	62.1	32.5	97.4	

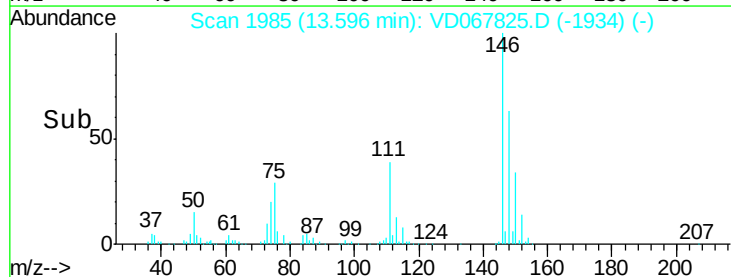
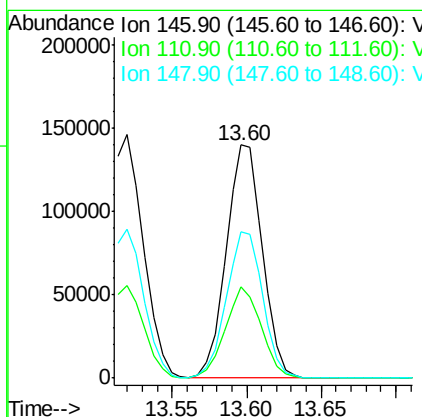
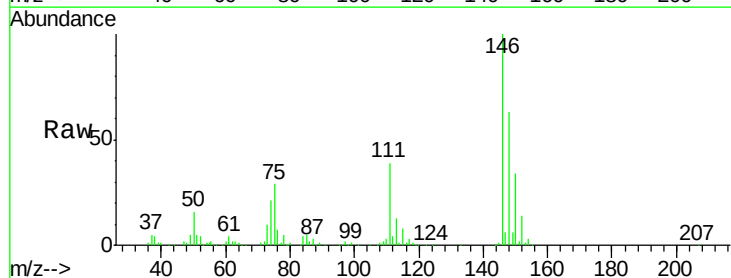
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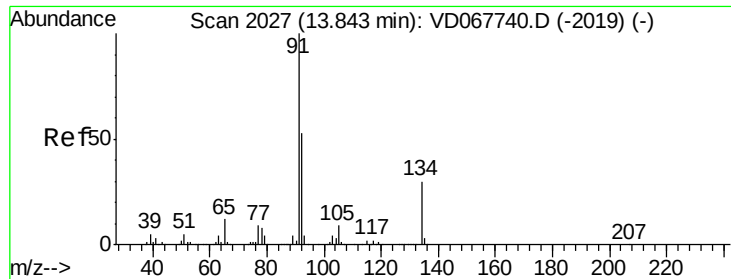
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#88
 1,4-Dichlorobenzene
 Concen: 50.195 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235974		
111	38.8	19.4	58.4	
148	63.3	31.6	94.8	





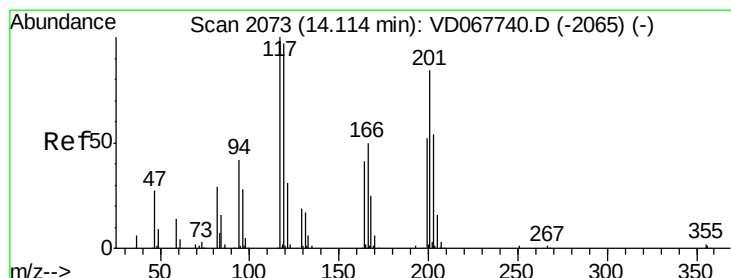
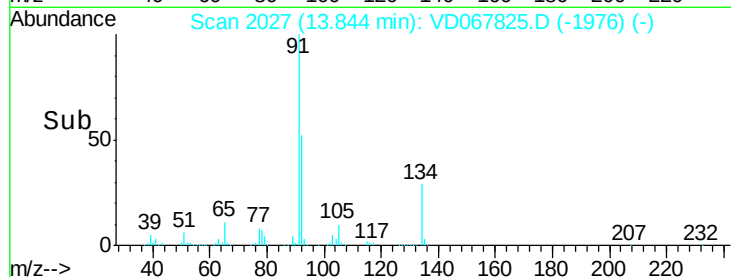
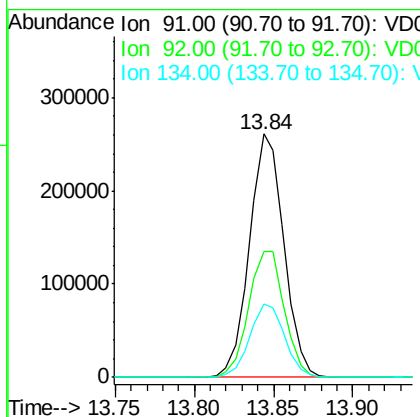
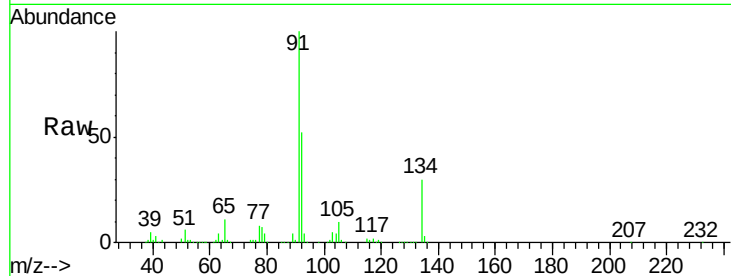
#89
n-Butylbenzene
Concen: 49.349 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	393970		
92	53.7	26.6	79.7	
134	30.6	14.8	44.3	

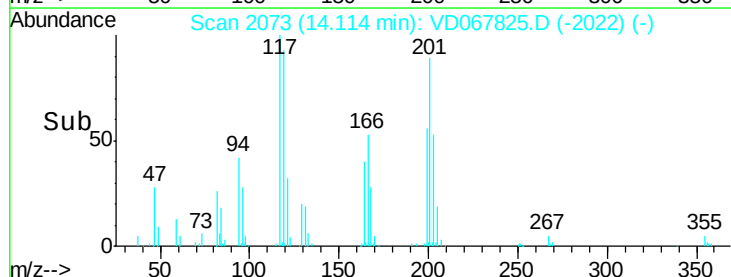
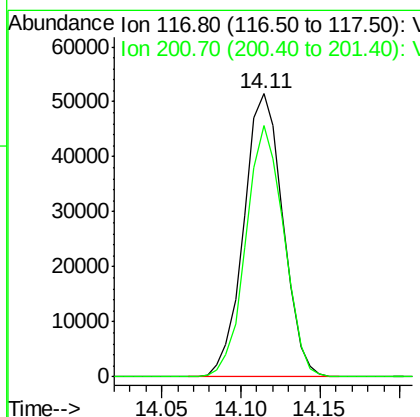
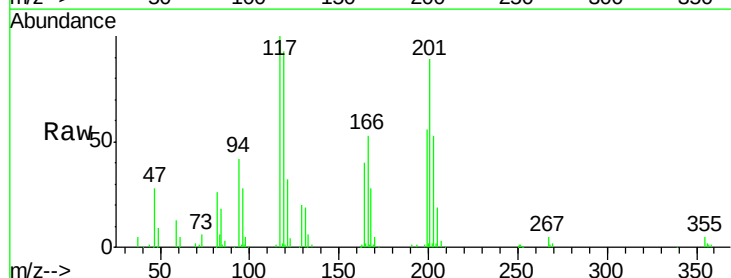
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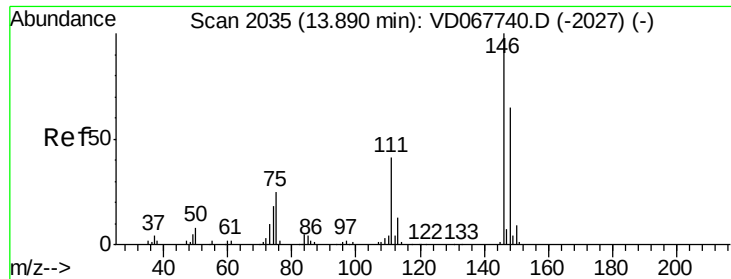
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#90
Hexachloroethane
Concen: 49.854 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88413		
201	86.1	42.2	126.6	





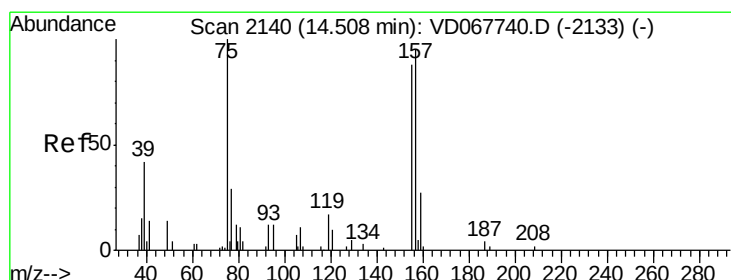
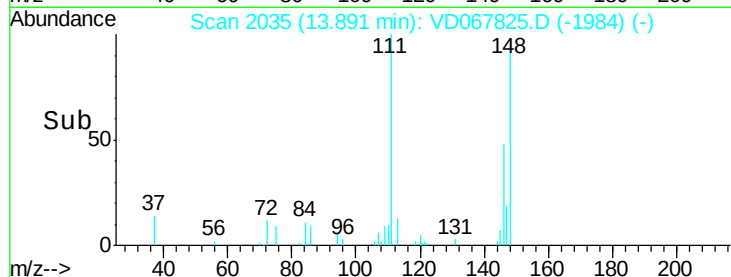
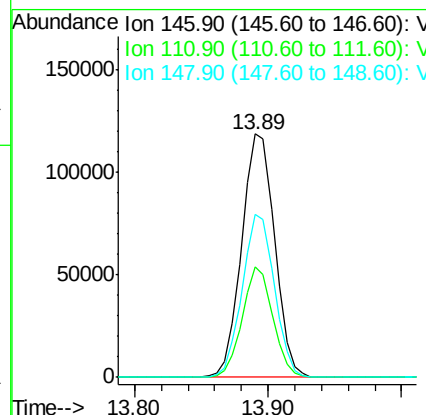
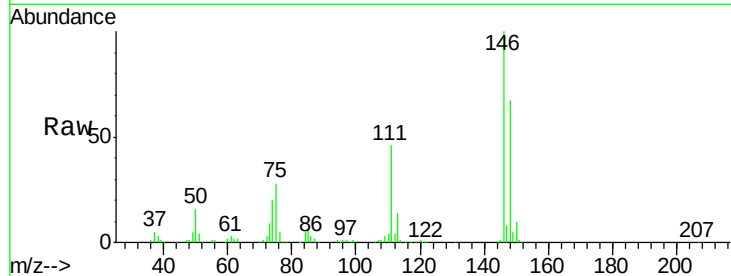
#91
 1,2-Dichlorobenzene
 Concen: 49.559 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	65.5	32.4	97.2

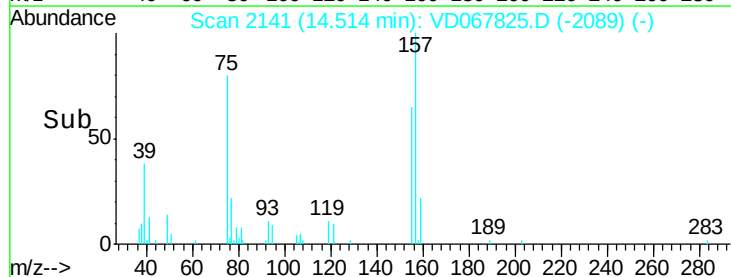
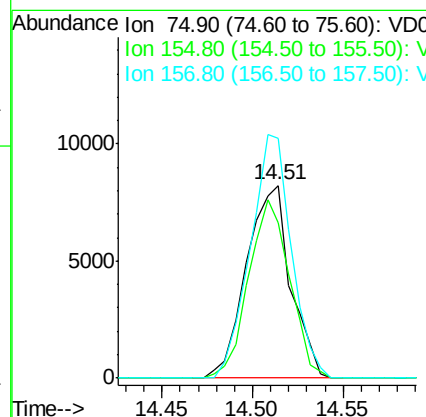
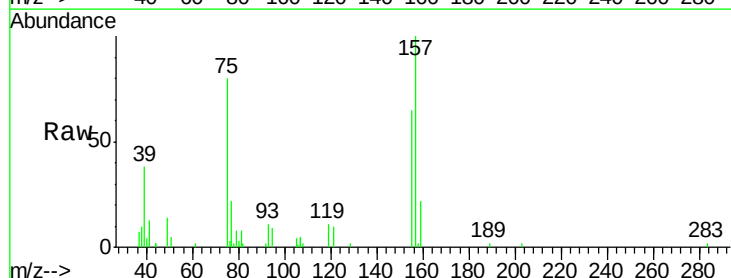
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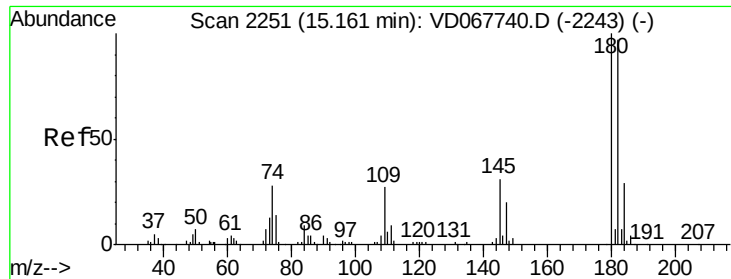
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.274 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	41.0	123.0
157	117.6	51.1	153.4





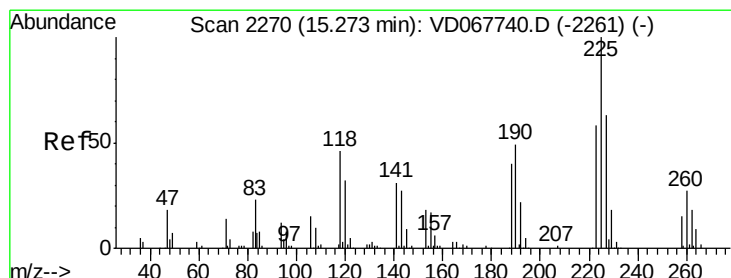
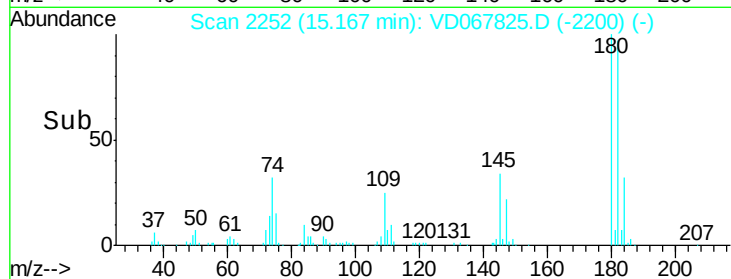
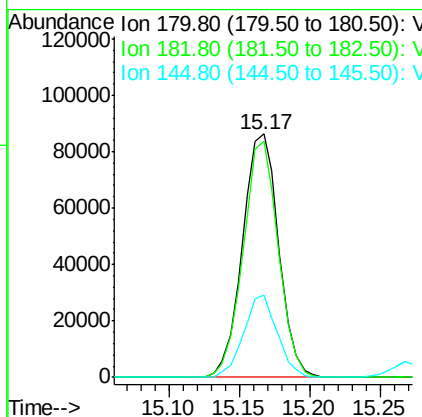
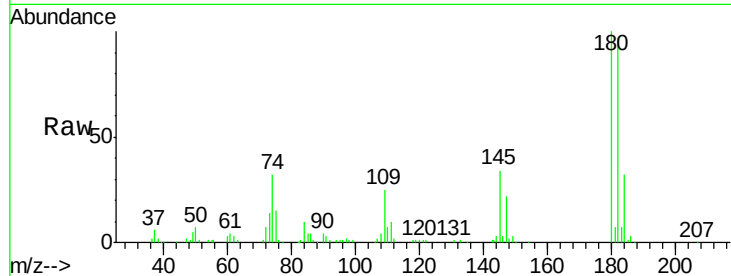
#93
 1,2,4-Trichlorobenzene
 Concen: 53.475 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	31.4	16.1	48.3

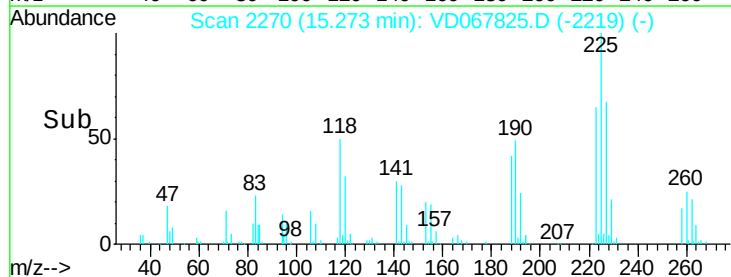
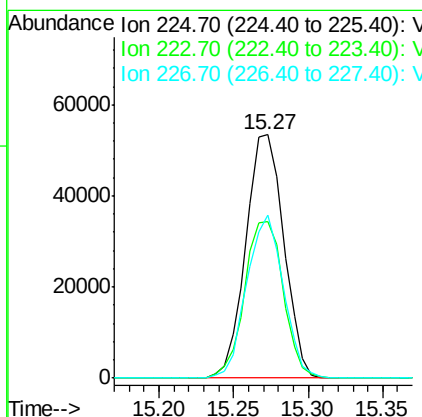
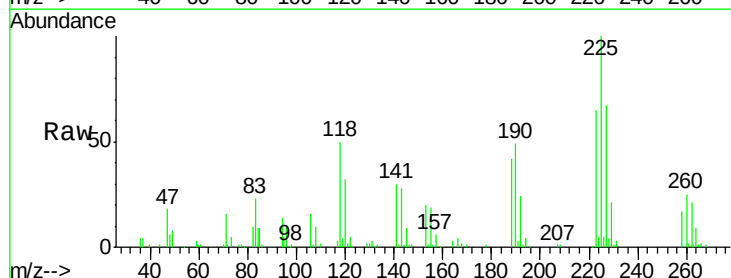
Manual Integrations
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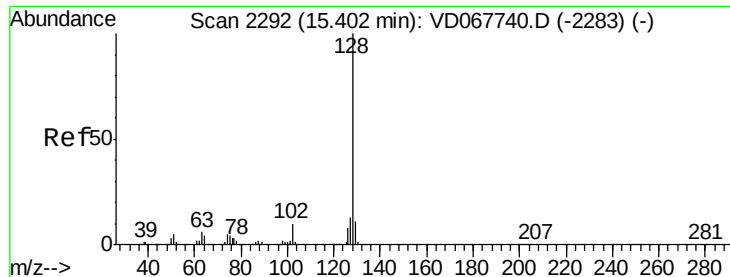
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#94
 Hexachlorobutadiene
 Concen: 50.965 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067825.D
 Acq: 30 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.5	94.5
227	64.6	32.9	98.7





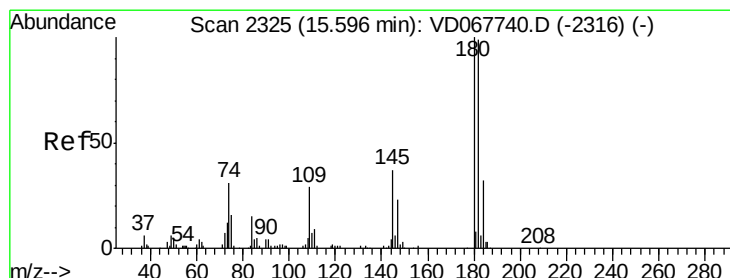
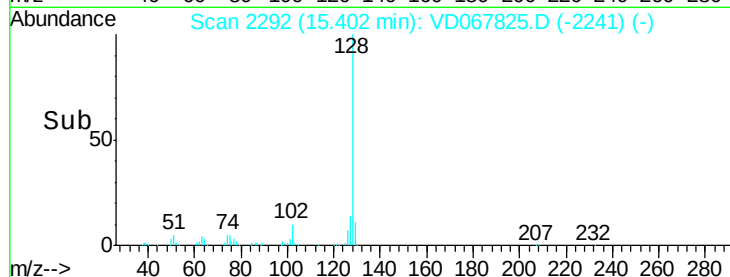
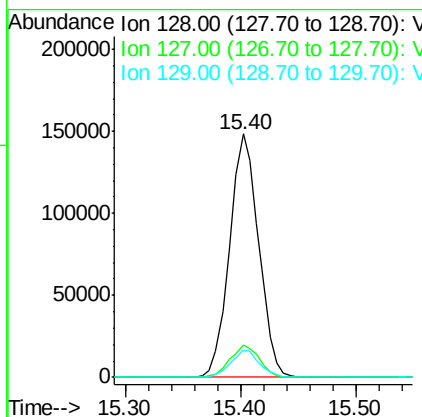
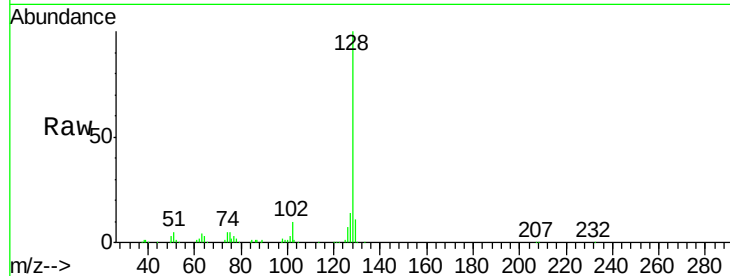
#95
Naphthalene
Concen: 55.146 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128	Resp:	258346
Ion Ratio	Lower	Upper
128 100		
127 13.5	10.7	16.1
129 11.0	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.468 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067825.D
Acq: 30 Nov 2020 20:10

Tgt Ion:180	Resp:	131835
Ion Ratio	Lower	Upper
180 100		
182 95.6	48.0	144.0
145 34.9	16.8	50.4

