

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067613.D
 Acq On : 11 Nov 2020 20:09
 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
 11/12/2020 1:11:56 PM

Quant Time: Nov 12 01:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	360767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	510364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	253215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	143052	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	7.92	113	157944	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.34	98	538456	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.64	95	193721	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	127884	43.170	ug/l	96
3) Chloromethane	2.21	50	95379	42.455	ug/l	100
4) Vinyl Chloride	2.35	62	105493	42.118	ug/l	97
5) Bromomethane	2.77	94	87179	42.943	ug/l	92
6) Chloroethane	2.92	64	68214	44.174	ug/l	99
7) Trichlorofluoromethane	3.27	101	282434	43.550	ug/l	93
8) Diethyl Ether	3.71	74	70689	54.094	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	154101	47.074	ug/l	100
10) Methyl Iodide	4.30	142	171379	48.845	ug/l	98
11) Tert butyl alcohol	5.21	59	40538	302.442	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	142287	47.253	ug/l	95
13) Acrolein	3.92	56	41869	293.473	ug/l	100
14) Allyl chloride	4.71	41	169648	52.642	ug/l	95
15) Acrylonitrile	5.42	53	139795	289.395	ug/l	99
16) Acetone	4.16	43	109620	232.219	ug/l	91
17) Carbon Disulfide	4.41	76	421598	45.692	ug/l	99
18) Methyl Acetate	4.71	43	63975	65.583	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	329139	55.415	ug/l	95
20) Methylene Chloride	4.97	84	165711	49.695	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	173717	49.532	ug/l	99
22) Diisopropyl ether	6.36	45	364413	58.026	ug/l	98
23) Vinyl Acetate	6.30	43	952907	289.873	ug/l	99
24) 1,1-Dichloroethane	6.27	63	260756	50.754	ug/l	98
25) 2-Butanone	7.21	43	145873	289.199	ug/l	93
26) 2,2-Dichloropropane	7.21	77	246017	45.371	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	190074	52.214	ug/l	99
28) Bromochloromethane	7.55	49	100668	55.085	ug/l	97
29) Tetrahydrofuran	7.56	42	92846	307.295	ug/l	99
30) Chloroform	7.71	83	311779	50.867	ug/l	96
31) Cyclohexane	7.99	56	207370	45.325	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	293752	46.450	ug/l	100
36) 1,1-Dichloropropene	8.11	75	222592	47.677	ug/l	99
37) Ethyl Acetate	7.30	43	68591	56.589	ug/l	99
38) Carbon Tetrachloride	8.10	117	276820	45.635	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	263261	47.909	ug/l	97
40) Benzene	8.36	78	641865	50.754	ug/l	98
41) Methacrylonitrile	7.53	41	40023	55.240	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	192734	49.326	ug/l	100
43) Isopropyl Acetate	8.46	43	135458	56.508	ug/l	98
44) Trichloroethene	9.11	130	201121	48.366	ug/l	97
45) 1,2-Dichloropropane	9.39	63	147787	54.050	ug/l	95
46) Dibromomethane	9.48	93	90246	51.910	ug/l	98
47) Bromodichloromethane	9.67	83	242438	51.306	ug/l	96
48) Methyl methacrylate	9.46	41	66198	53.485	ug/l	94
49) 1,4-Dioxane	9.47	88	20027	1134.740	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	336156	293.217	ug/l	99
52) Toluene	10.41	92	440747	52.032	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	217618	53.772	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	252989	52.615	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	125540	54.576	ug/l	97
56) Ethyl methacrylate	10.66	69	136695	57.546	ug/l	96
57) 1,3-Dichloropropane	10.95	76	197420	53.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	323044	291.627	ug/l	98
59) 2-Hexanone	10.99	43	230875	288.020	ug/l	99
60) Dibromochloromethane	11.14	129	176002	51.724	ug/l	96
61) 1,2-Dibromoethane	11.25	107	122128	52.900	ug/l	98
64) Tetrachloroethene	10.88	164	181425	48.000	ug/l	95
65) Chlorobenzene	11.67	112	485297	49.364	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	192348	49.642	ug/l	99
67) Ethyl Benzene	11.75	91	827401	49.183	ug/l	100
68) m/p-Xylenes	11.86	106	646581	98.793	ug/l	98
69) o-Xylene	12.18	106	301409	51.581	ug/l	98
70) Styrene	12.20	104	518289	50.902	ug/l	99
71) Bromoform	12.37	173	105173	53.221	ug/l #	100
73) Isopropylbenzene	12.48	105	819102	50.053	ug/l	99
74) N-amyl acetate	12.29	43	119852	55.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	121069	54.254	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	70959m	46.453	ug/l	
77) Bromobenzene	12.77	156	204811	50.961	ug/l	99
78) n-propylbenzene	12.83	91	927661	49.558	ug/l	100
79) 2-Chlorotoluene	12.91	91	543480	51.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	715221	51.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	38896	51.697	ug/l	92
82) 4-Chlorotoluene	13.01	91	573660	50.304	ug/l	100
83) tert-Butylbenzene	13.23	119	606052	51.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	709871	51.013	ug/l	99
85) sec-Butylbenzene	13.41	105	797741	49.877	ug/l	99
86) p-Isopropyltoluene	13.52	119	756961	49.010	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	379986	49.549	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	372537	47.975	ug/l	98
89) n-Butylbenzene	13.85	91	647046	48.501	ug/l	99
90) Hexachloroethane	14.11	117	139294	47.891	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	334591	50.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21072	53.333	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224087	49.745	ug/l	99
94) Hexachlorobutadiene	15.27	225	141161	46.821	ug/l	98
95) Naphthalene	15.40	128	384915	55.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	197079	51.089	ug/l	99

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

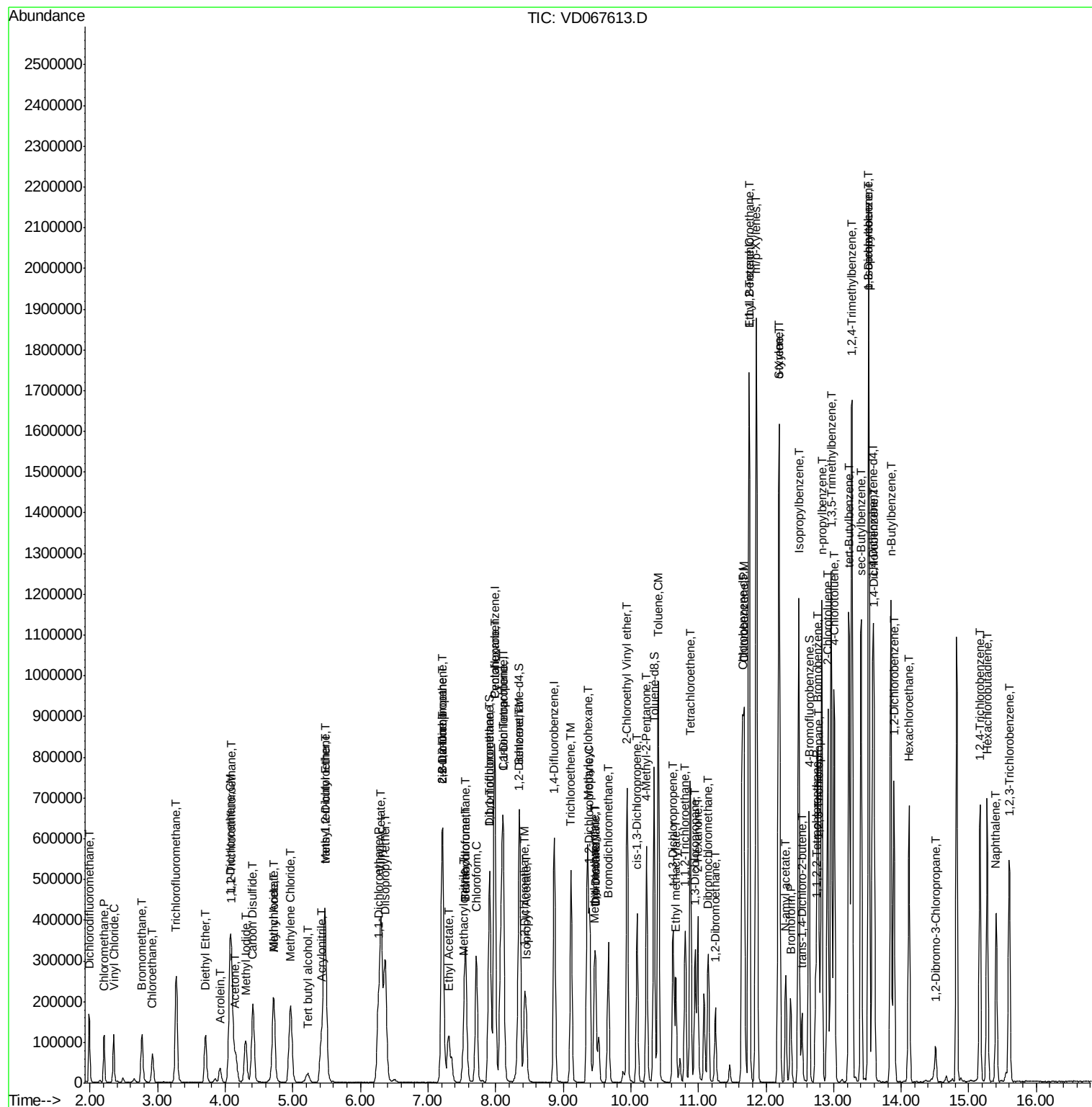
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
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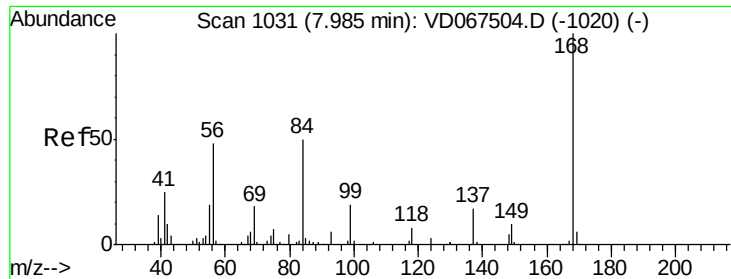
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 360767

Ion Ratio Lower Upper

168 100

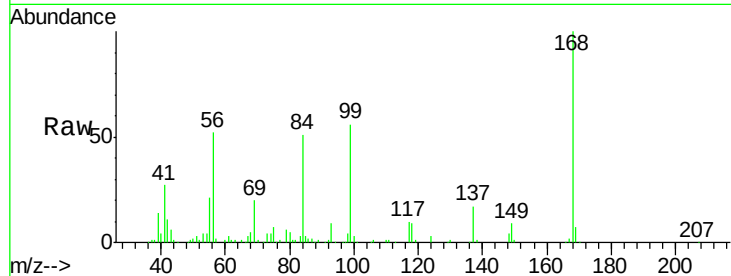
99 55.1 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

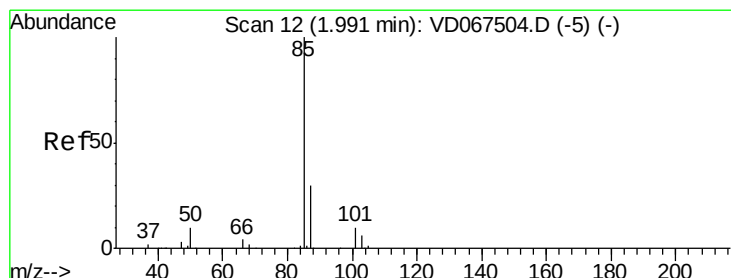
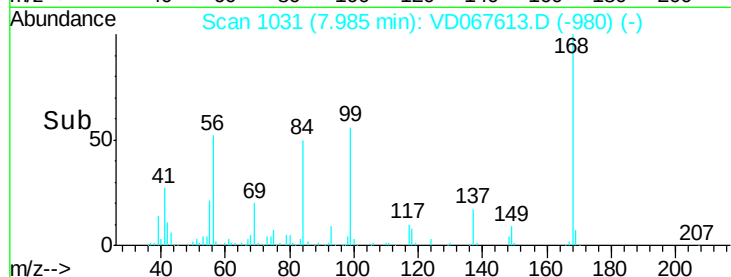
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.170 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067613.D

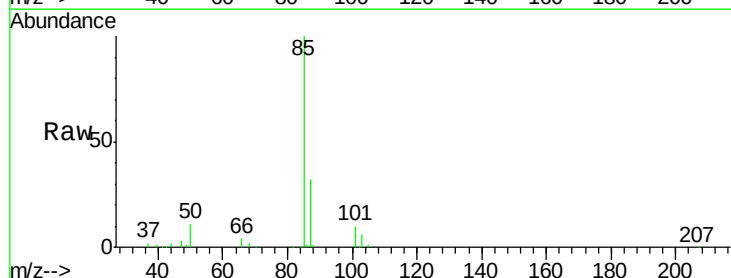
Acq: 11 Nov 2020 20:09

Tgt Ion: 85 Resp: 127884

Ion Ratio Lower Upper

85 100

87 32.5 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

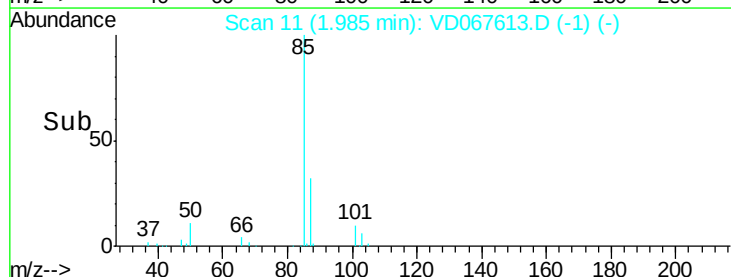
40000

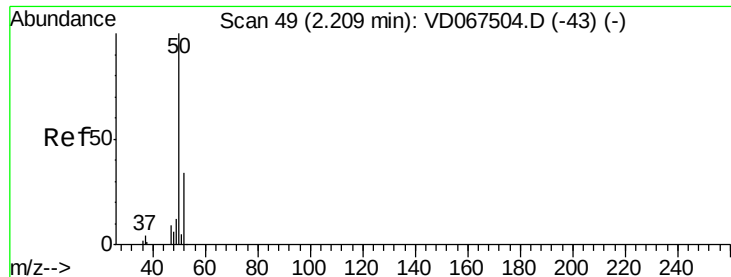
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 42.455 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95379

Ion Ratio Lower Upper

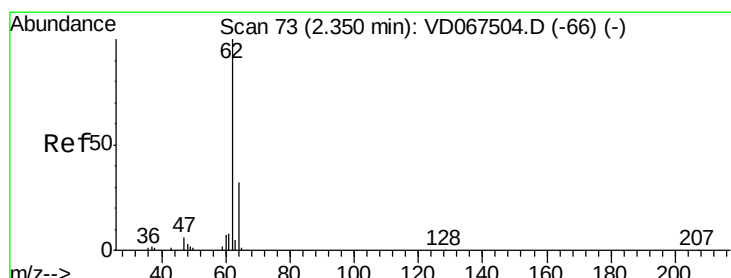
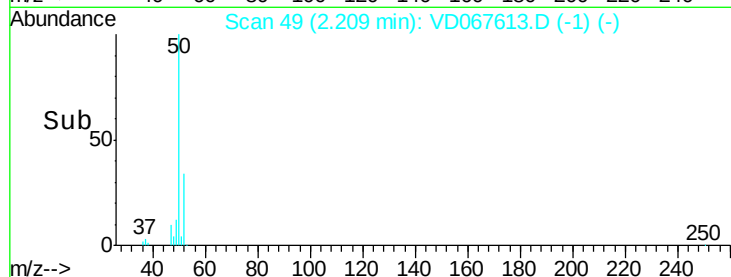
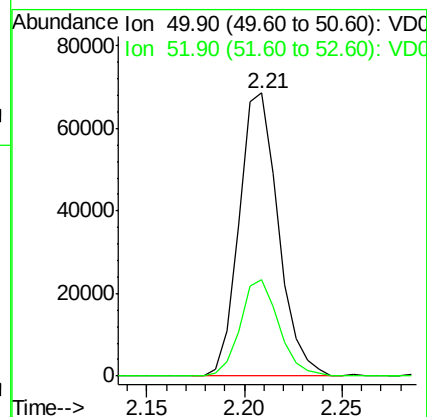
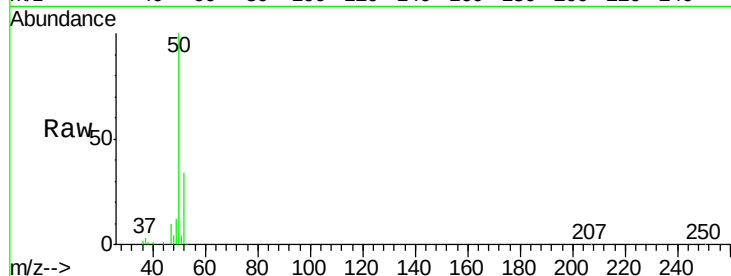
50 100

52 33.9 27.3 40.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.118 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067613.D

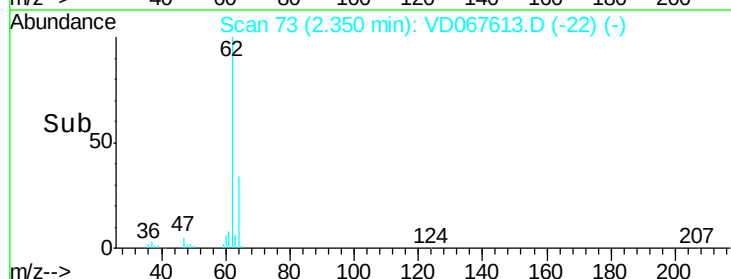
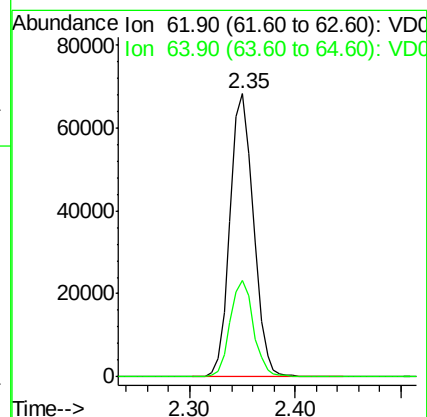
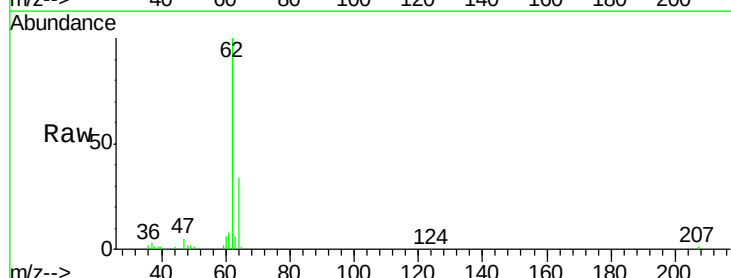
Acq: 11 Nov 2020 20:09

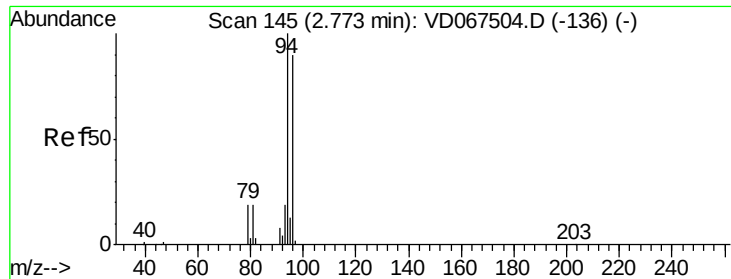
Tgt Ion: 62 Resp: 105493

Ion Ratio Lower Upper

62 100

64 33.9 25.6 38.4





#5

Bromomethane

Concen: 42.943 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 87179

Ion Ratio Lower Upper

94 100

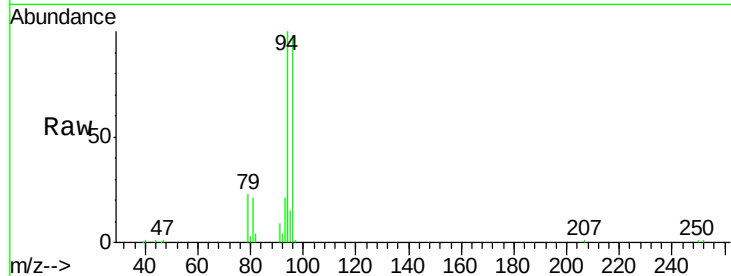
96 97.8 72.2 108.2

Manual Integrations

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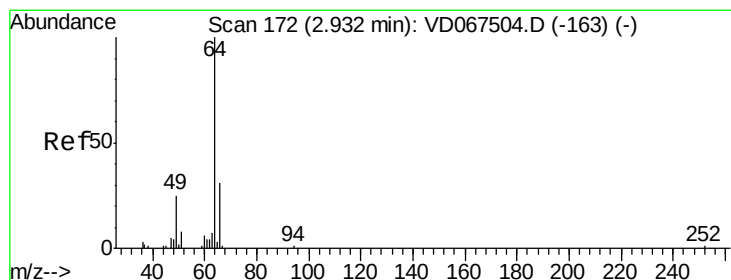
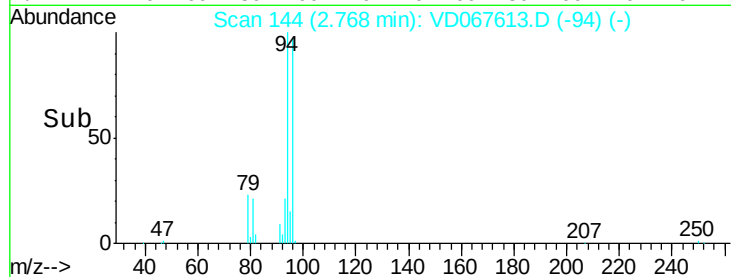
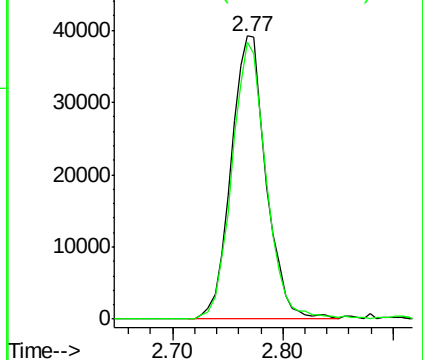
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.174 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067613.D

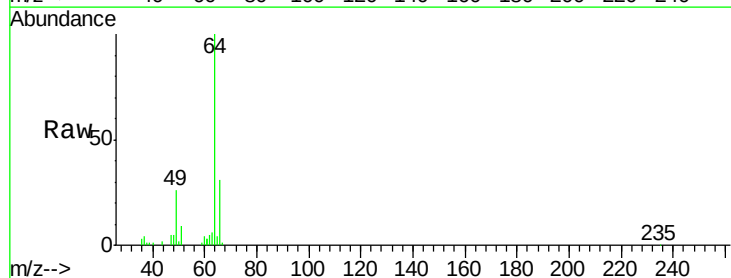
Acq: 11 Nov 2020 20:09

Tgt Ion: 64 Resp: 68214

Ion Ratio Lower Upper

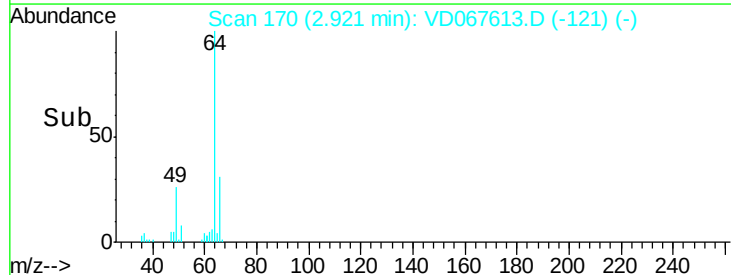
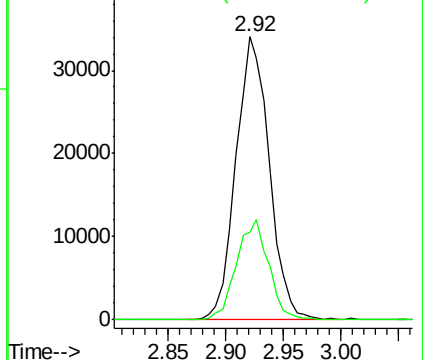
64 100

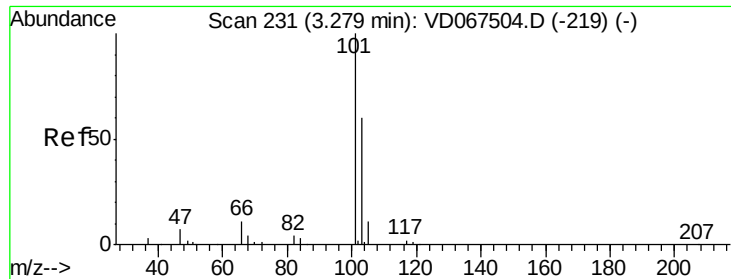
66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 43.550 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 282434

Ion Ratio Lower Upper

101 100

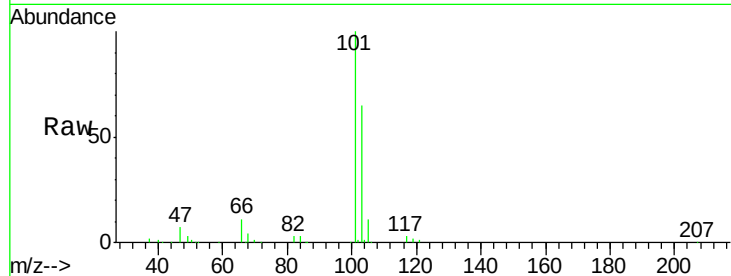
103 65.4 48.1 72.1

Manual Integrations

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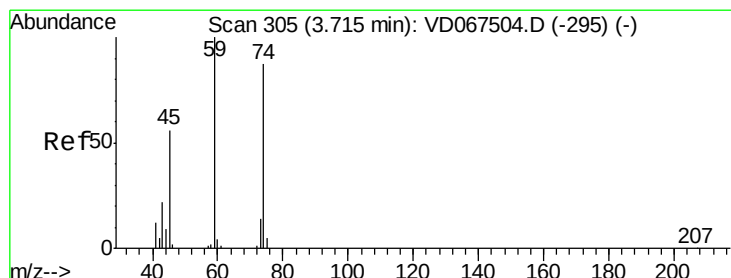
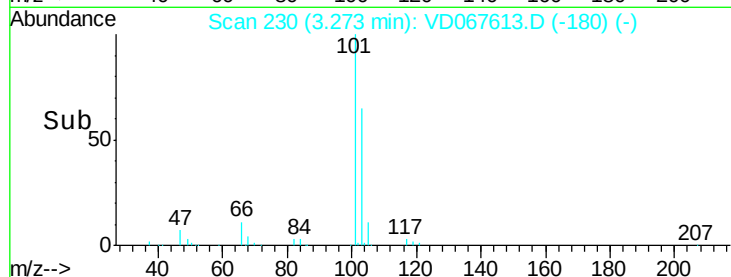
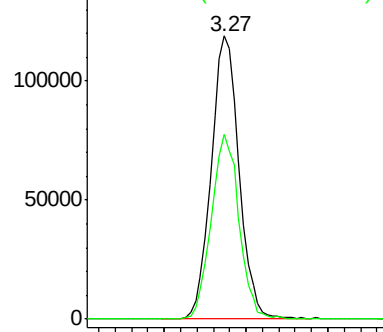
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.094 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.01 min

Lab File: VD067613.D

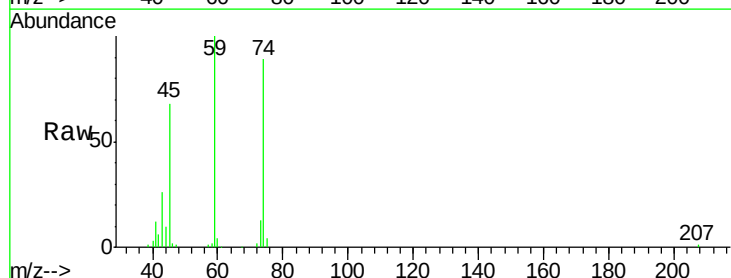
Acq: 11 Nov 2020 20:09

Tgt Ion: 74 Resp: 70689

Ion Ratio Lower Upper

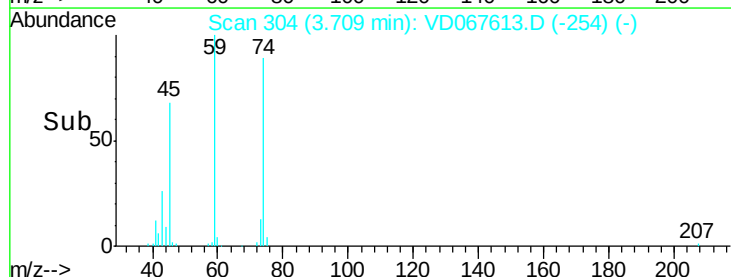
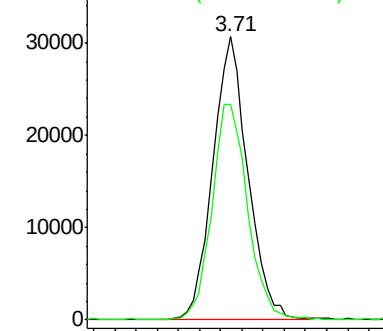
74 100

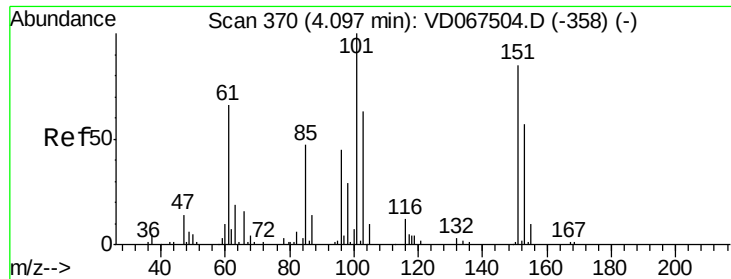
45 77.5 38.2 114.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.074 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

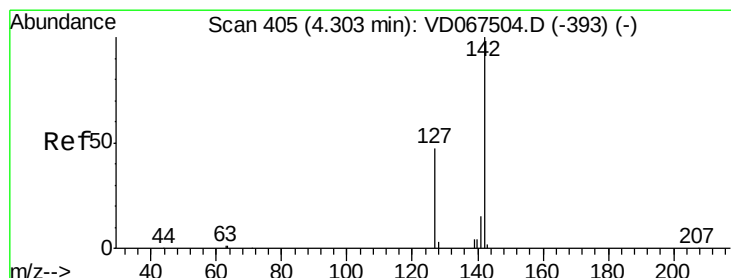
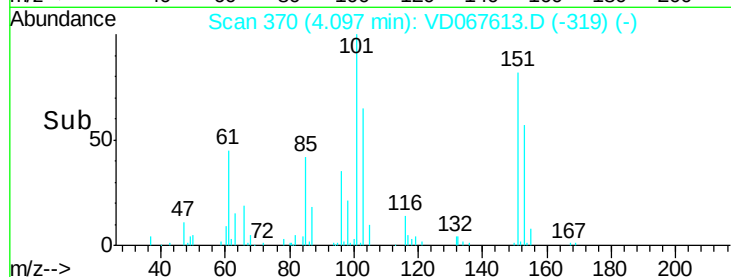
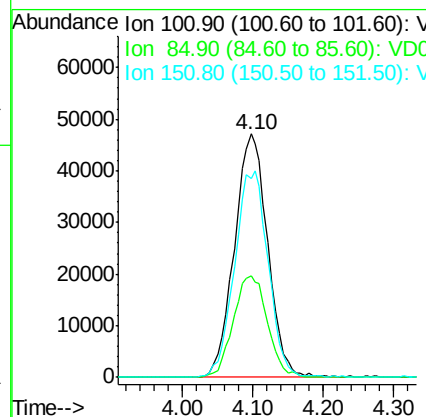
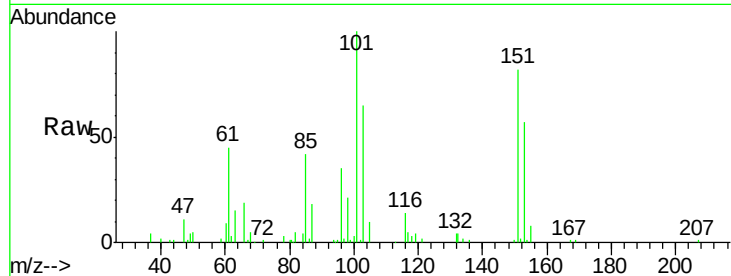
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	154101
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	85.4	68.1	102.1

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#10

Methyl Iodide

Concen: 48.845 ug/l

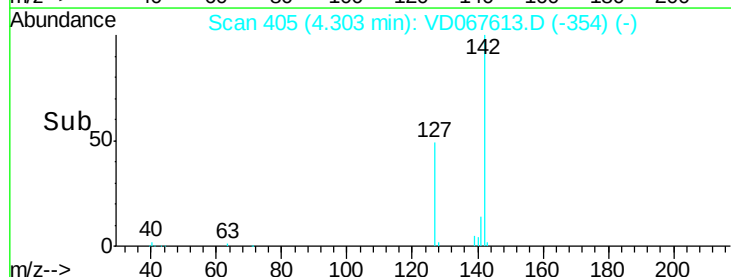
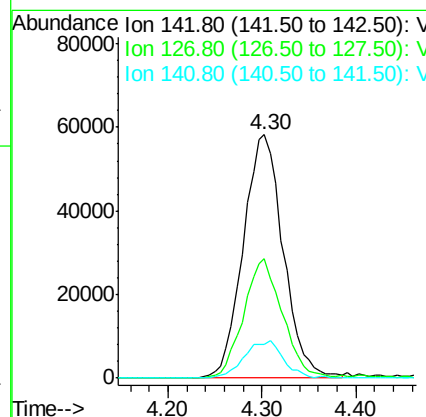
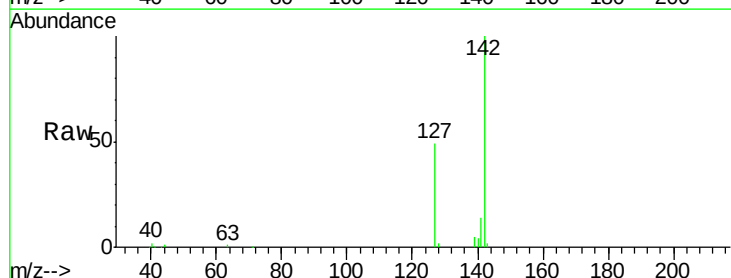
RT: 4.30 min Scan# 405

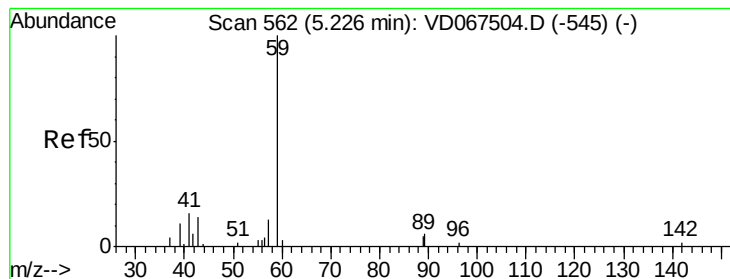
Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion:	142	Resp:	171379
Ion Ratio	Lower	Upper	
142	100		
127	47.9	40.0	60.0
141	14.7	11.7	17.5





#11

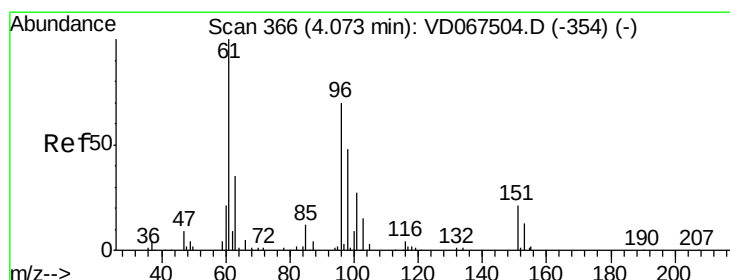
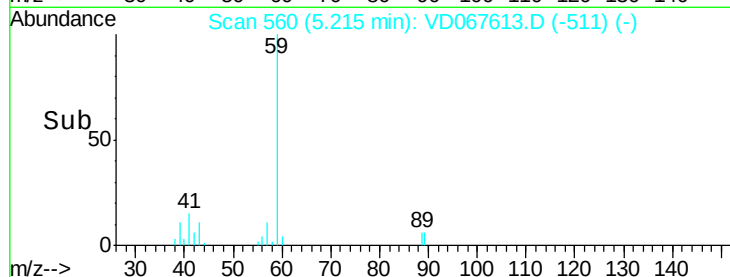
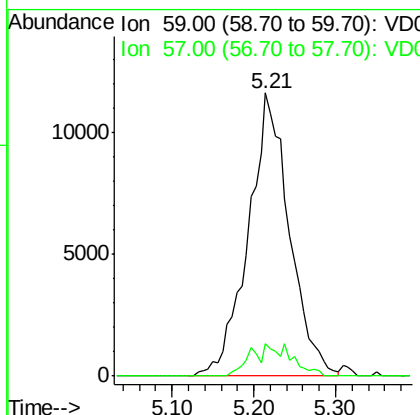
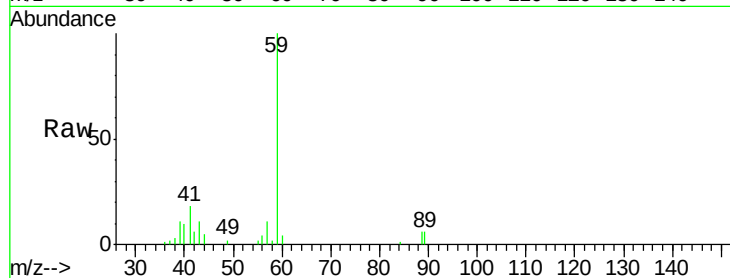
Tert butyl alcohol
 Concen: 302.442 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

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

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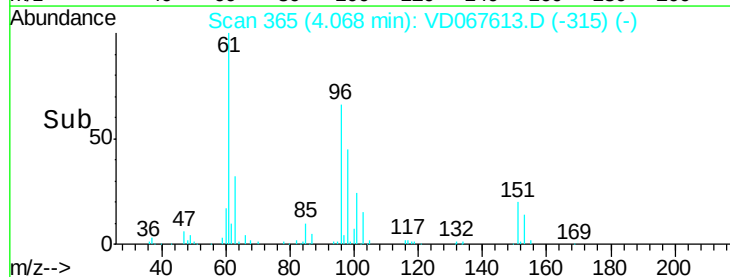
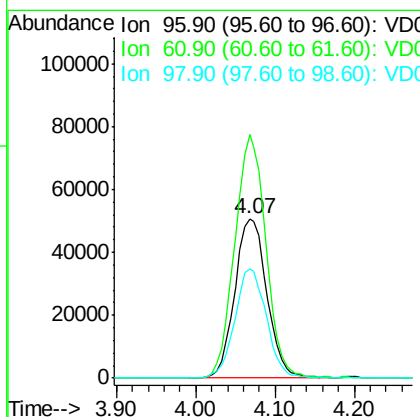
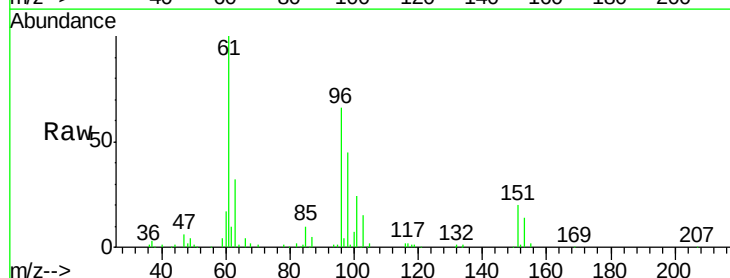
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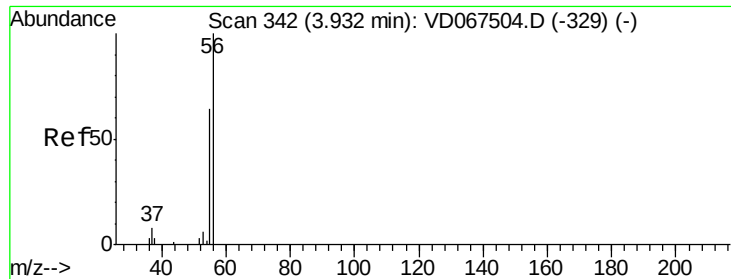


#12

1,1-Dichloroethene
 Concen: 47.253 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	114.5	171.7
98	68.7	54.5	81.7





#13

Acrolein

Concen: 293.473 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 41869

Ion Ratio Lower Upper

56 100

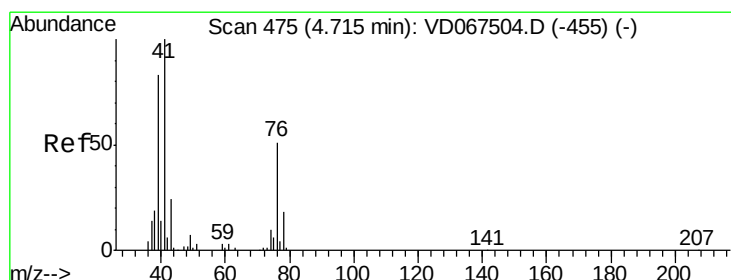
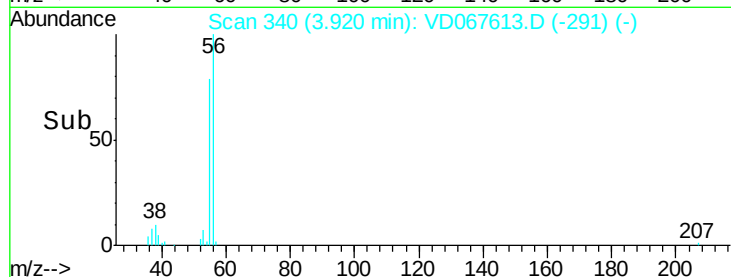
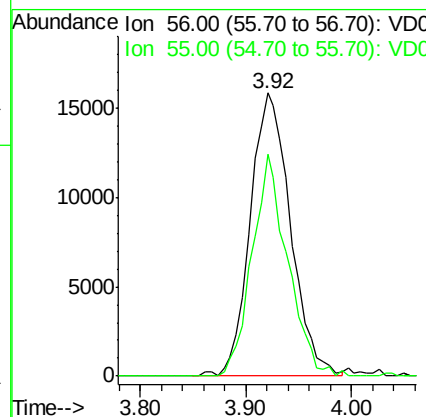
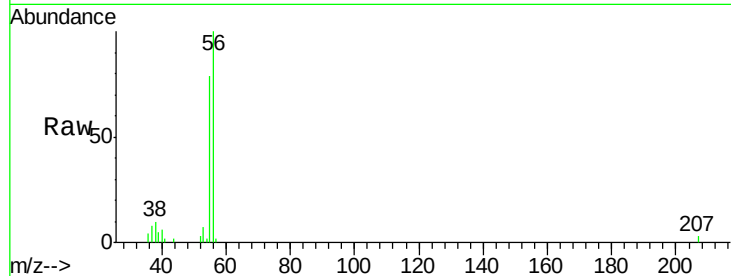
55 69.6 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 52.642 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

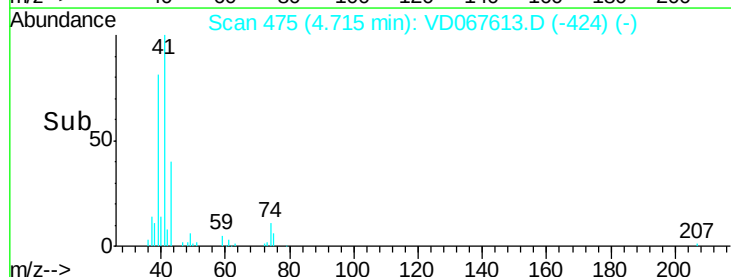
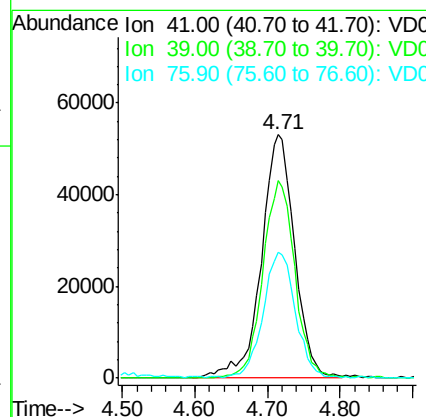
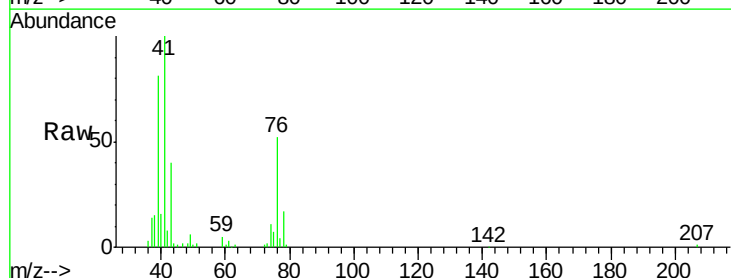
Tgt Ion: 41 Resp: 169648

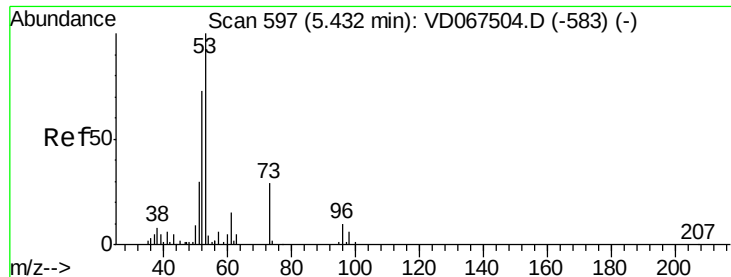
Ion Ratio Lower Upper

41 100

39 78.9 67.4 101.0

76 50.8 42.2 63.2





#15

Acrylonitrile

Concen: 289.395 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

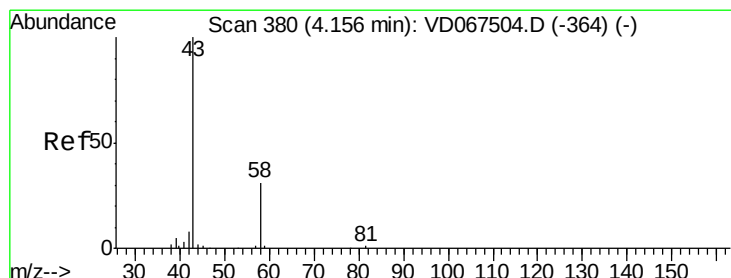
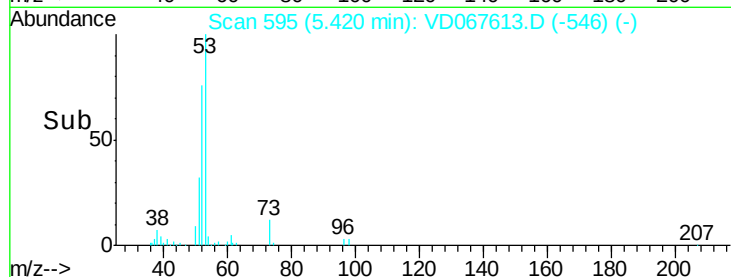
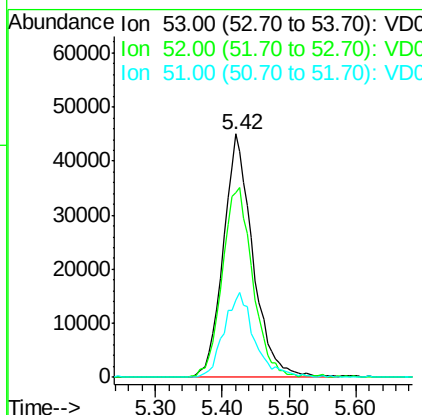
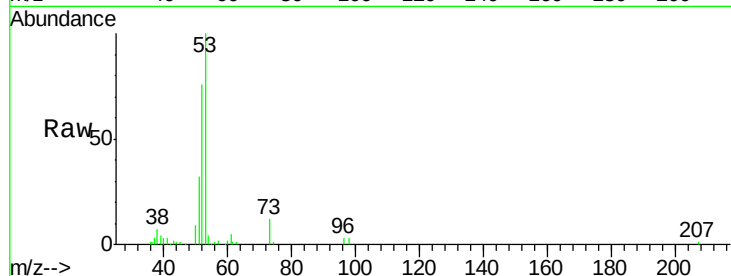
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	139795
Ion	Ratio	Lower	Upper
53	100		
52	80.5	64.8	97.2
51	35.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 232.219 ug/l

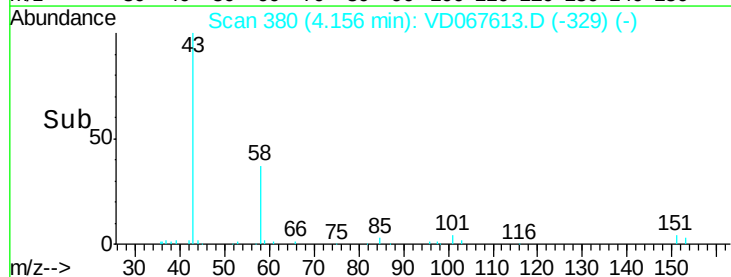
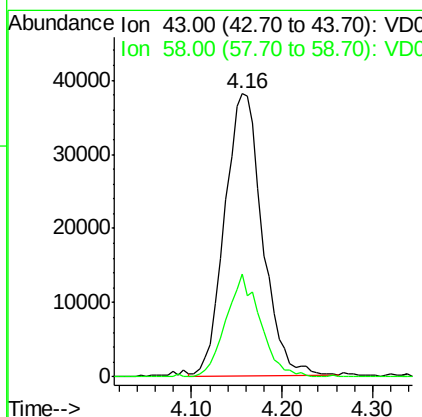
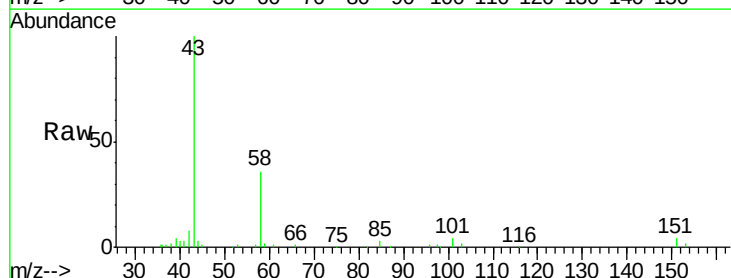
RT: 4.16 min Scan# 380

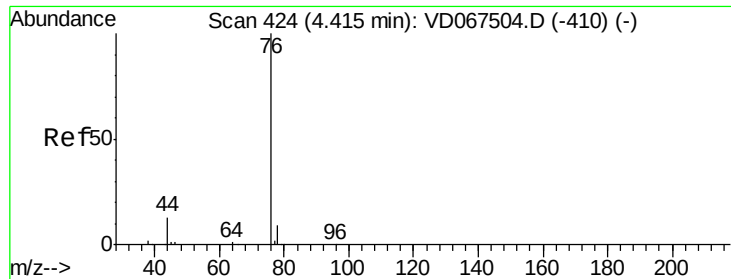
Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion	43	Resp	109620
Ion	Ratio	Lower	Upper
43	100		
58	36.7	25.2	37.8





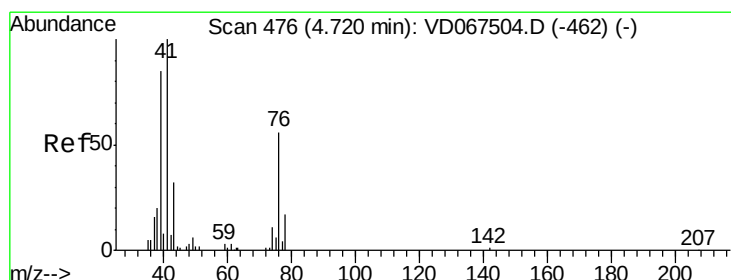
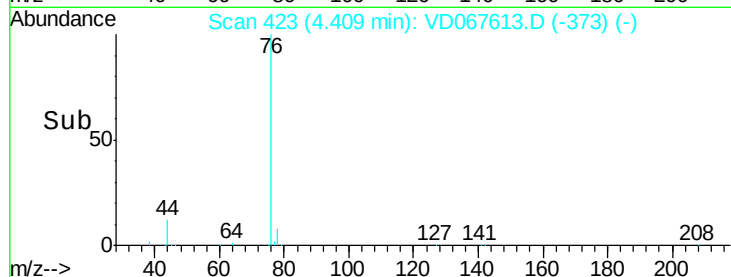
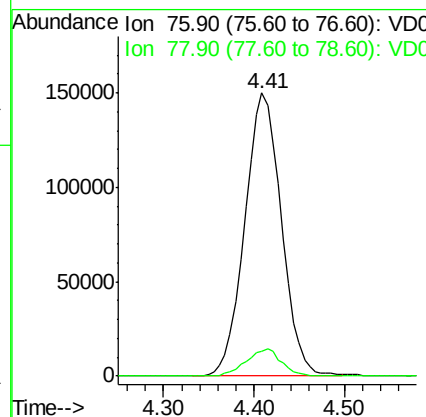
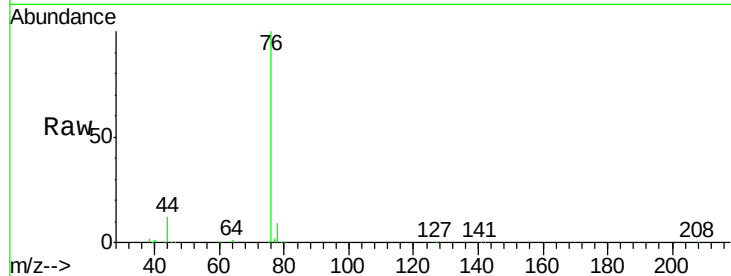
#17
Carbon Disulfide
Concen: 45.692 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

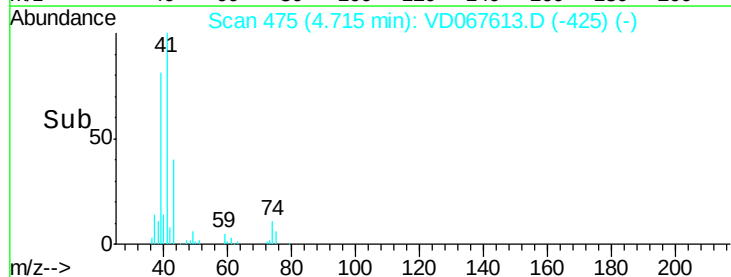
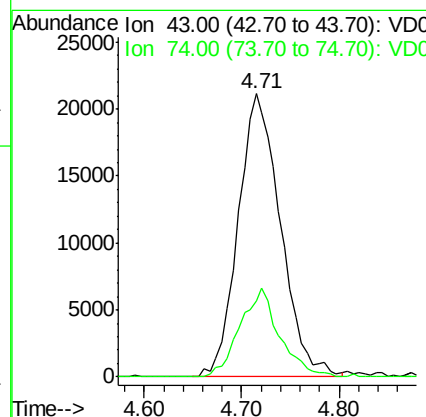
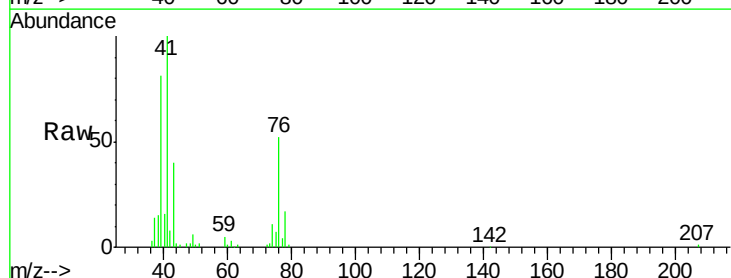
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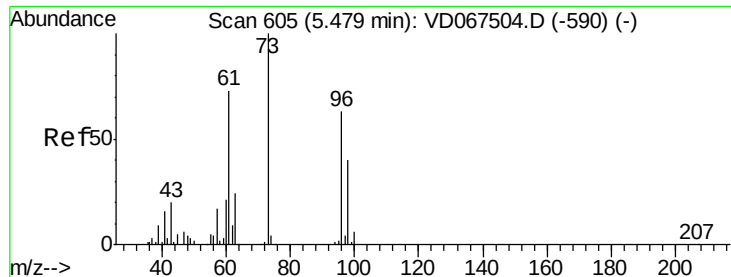
MMDadoda
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#18
Methyl Acetate
Concen: 65.583 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	27.2	40.8





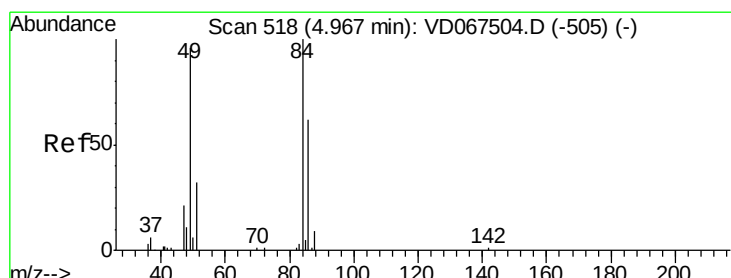
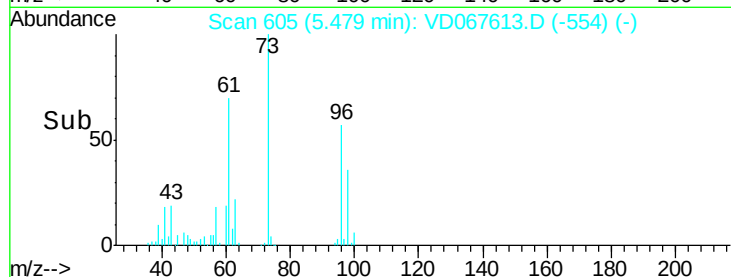
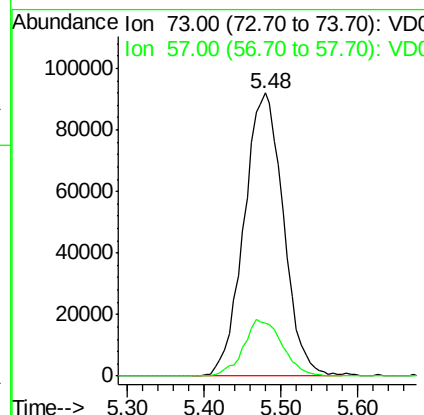
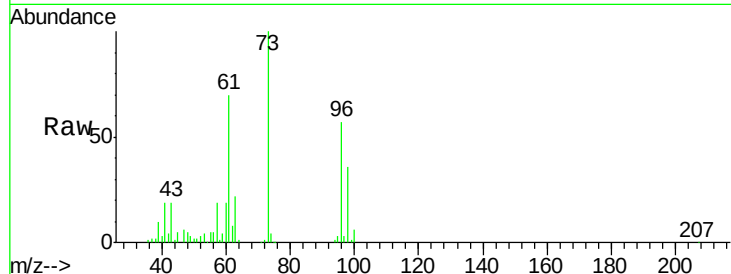
#19
Methyl tert-butyl Ether
Concen: 55.415 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 329139
Ion Ratio Lower Upper
73 100
57 18.7 13.4 20.0

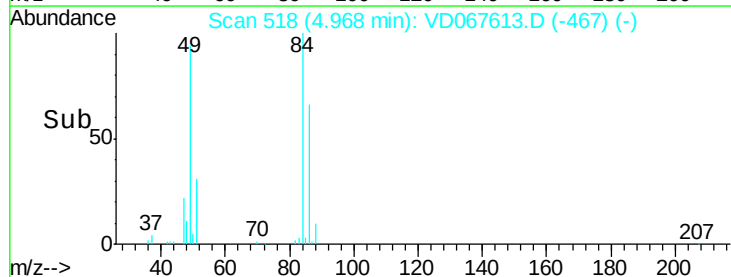
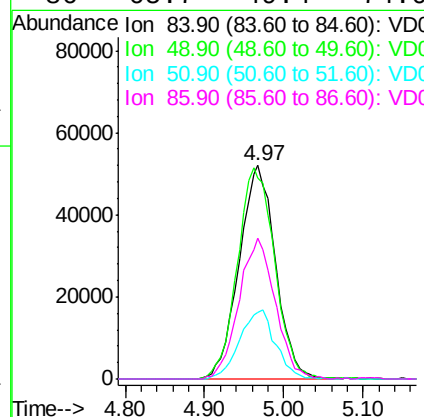
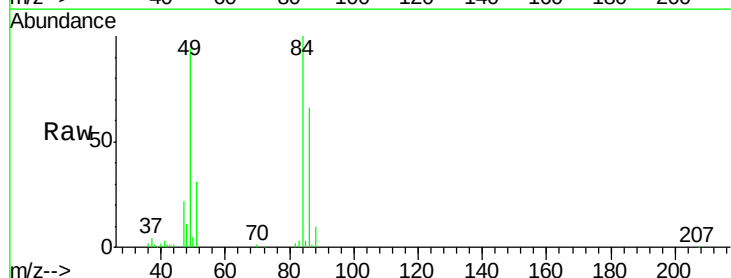
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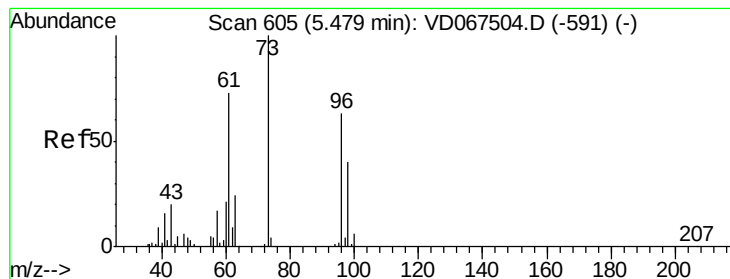
MMDadoda
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#20
Methylene Chloride
Concen: 49.695 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 84 Resp: 165711
Ion Ratio Lower Upper
84 100
49 94.1 77.0 115.4
51 31.5 25.4 38.2
86 65.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 49.532 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

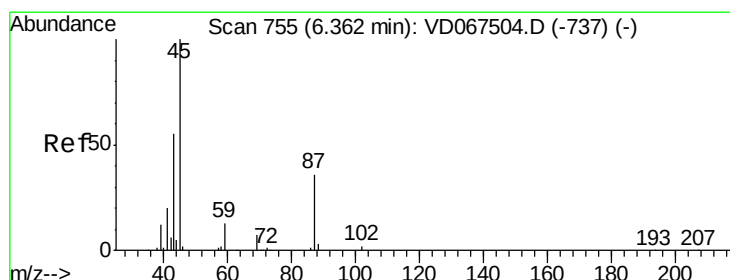
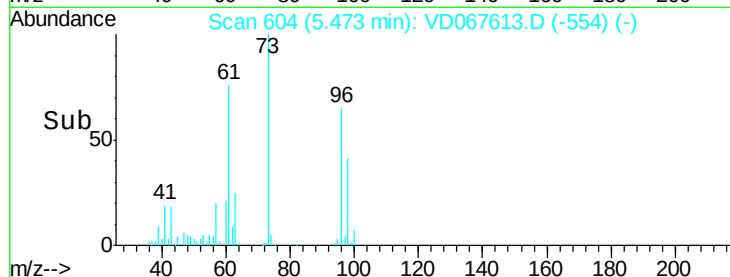
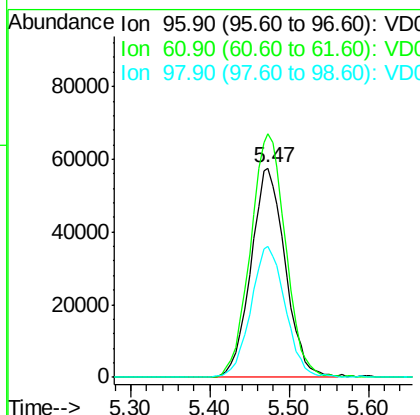
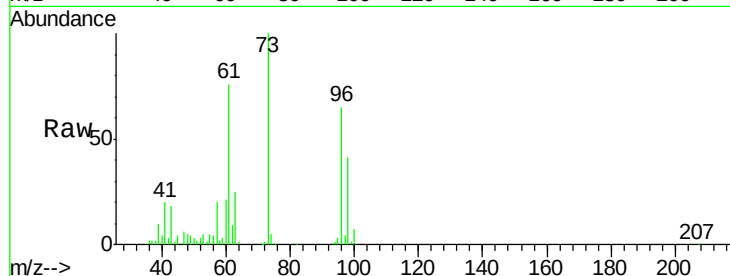
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	173717
Ion	Ratio	Lower	Upper
96	100		
61	116.2	93.0	139.6
98	62.6	50.9	76.3

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#22

Diisopropyl ether

Concen: 58.026 ug/l

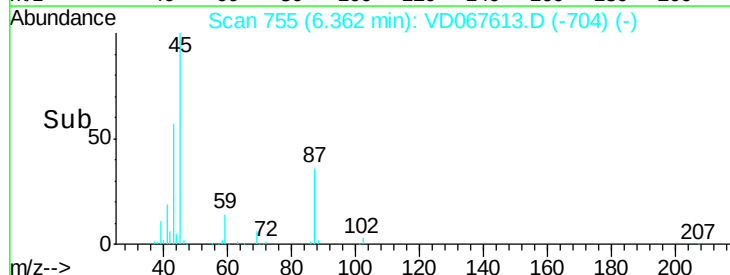
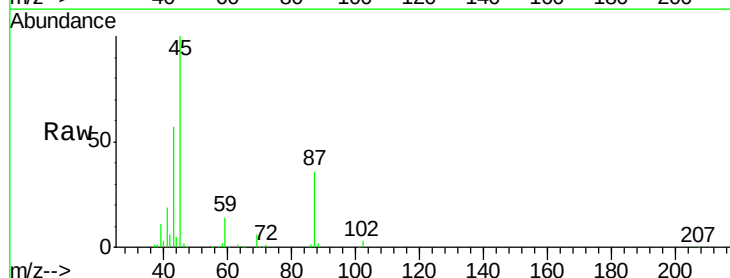
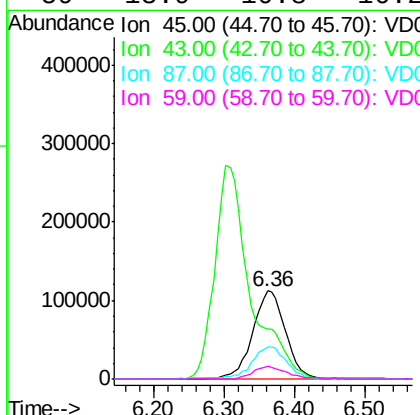
RT: 6.36 min Scan# 755

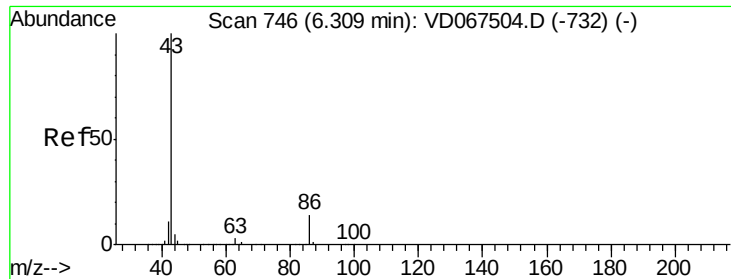
Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion:	45	Resp:	364413
Ion	Ratio	Lower	Upper
45	100		
43	55.6	46.2	69.4
87	36.0	29.4	44.2
59	13.9	10.8	16.2





#23

Vinyl Acetate

Concen: 289.873 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 952907

Ion Ratio Lower Upper

43 100

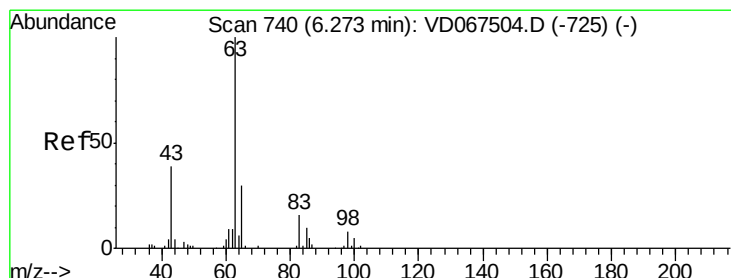
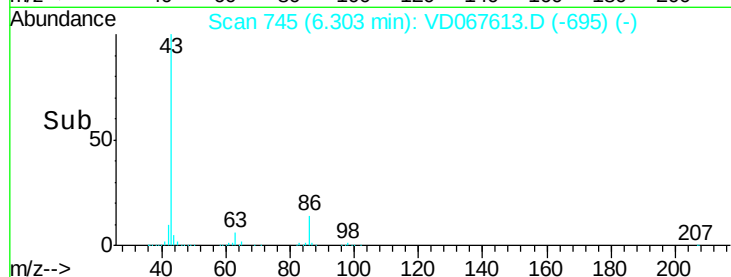
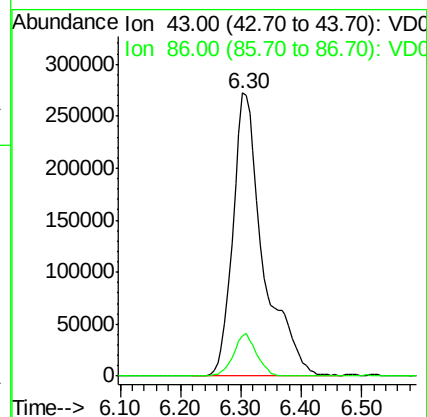
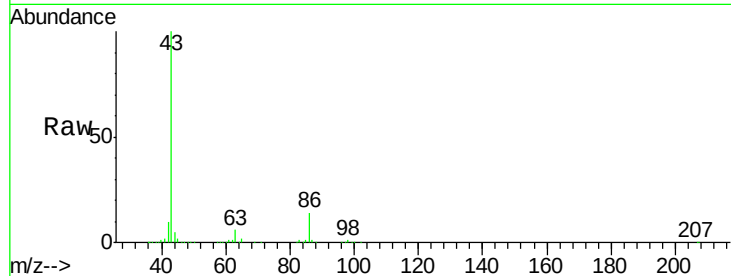
86 14.2 11.6 17.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.754 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

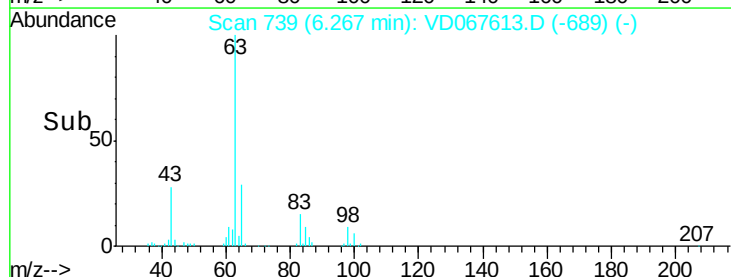
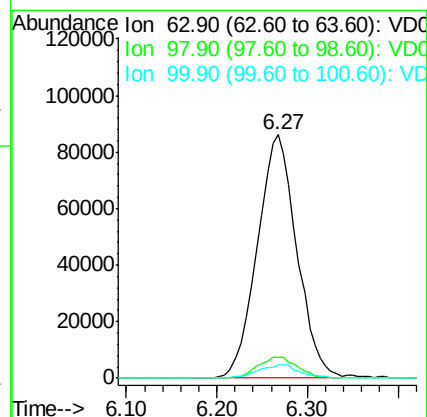
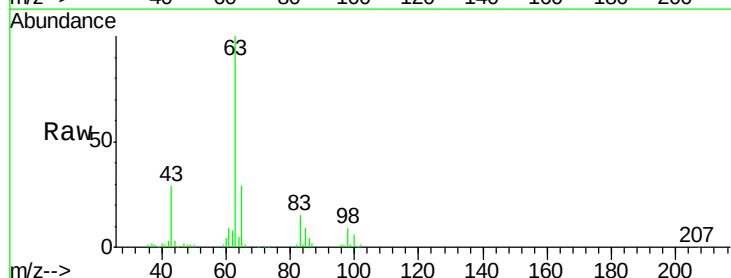
Tgt Ion: 63 Resp: 260756

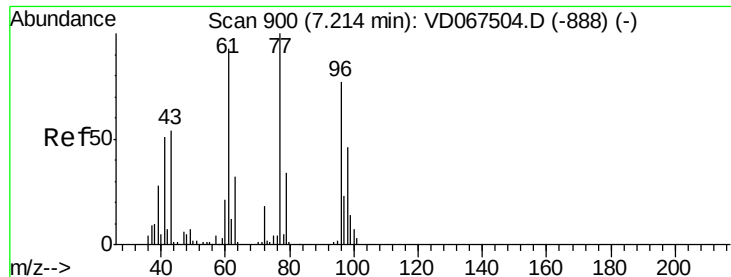
Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

100 5.5 2.6 7.8





#25

2-Butanone

Concen: 289.199 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 145873

Ion Ratio Lower Upper

43 100

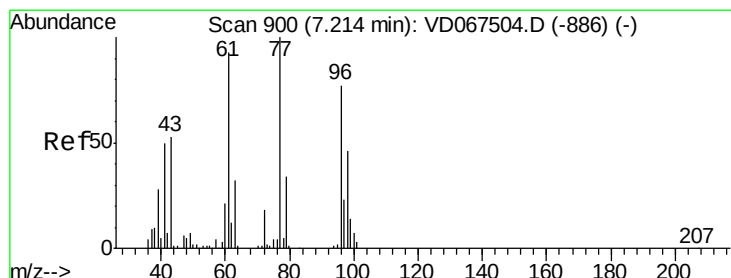
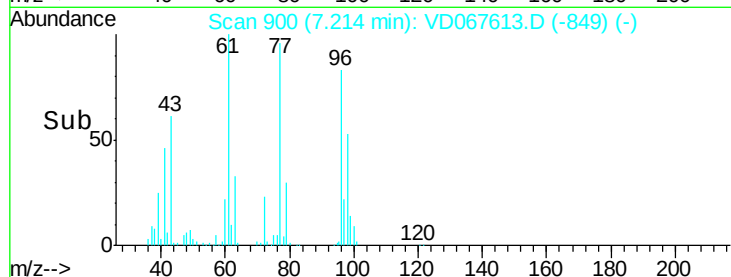
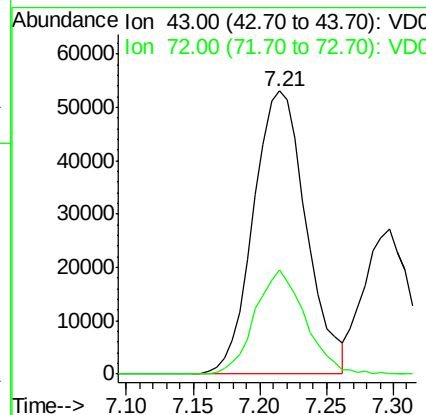
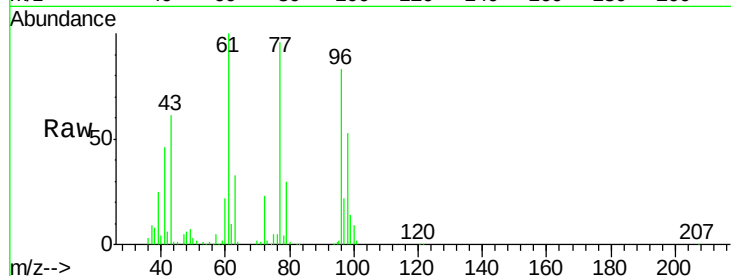
72 37.0 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.371 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067613.D

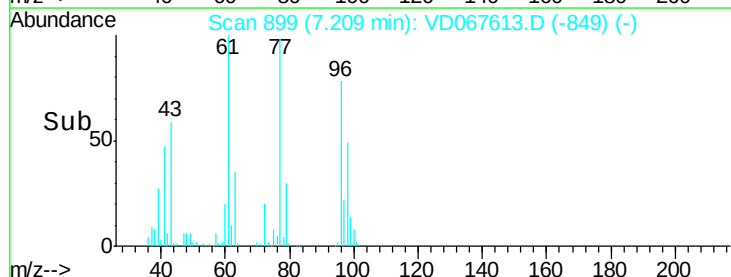
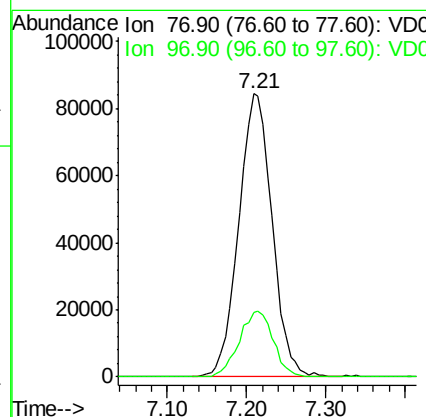
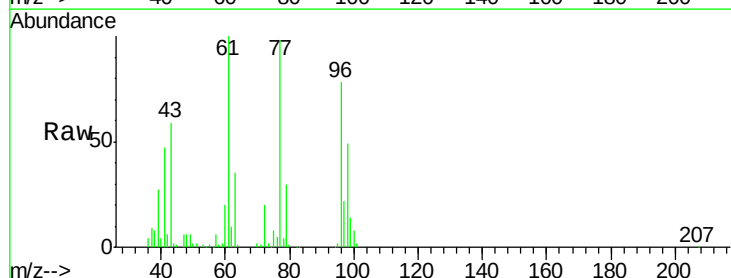
Acq: 11 Nov 2020 20:09

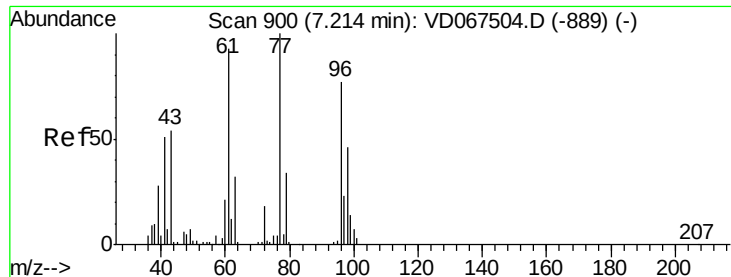
Tgt Ion: 77 Resp: 246017

Ion Ratio Lower Upper

77 100

97 23.8 11.1 33.3





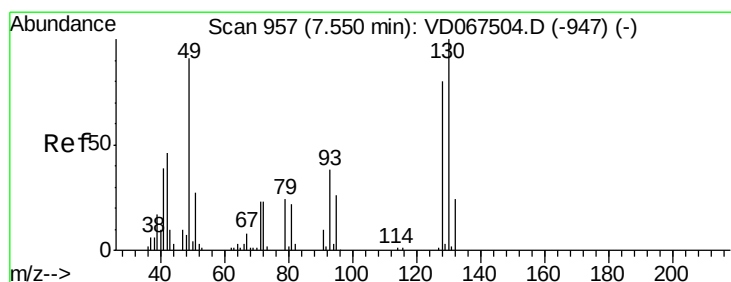
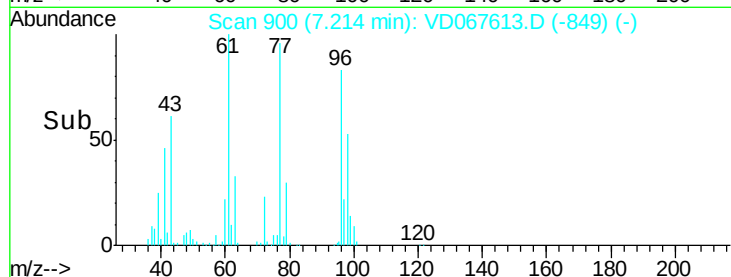
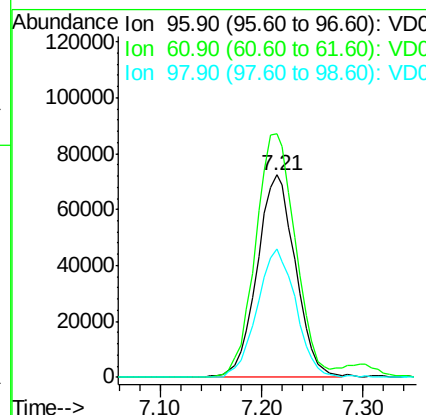
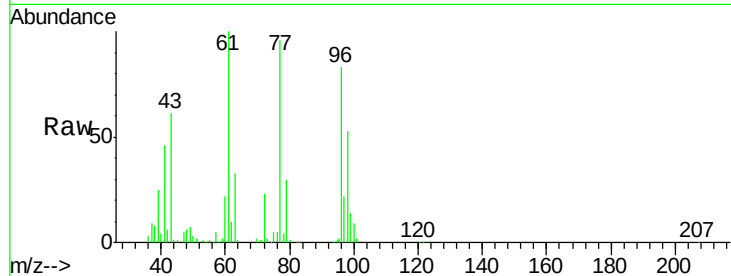
#27
 cis-1,2-Dichloroethene
 Concen: 52.214 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190074		
61	125.1		0.0	251.6
98	64.3		0.0	128.0

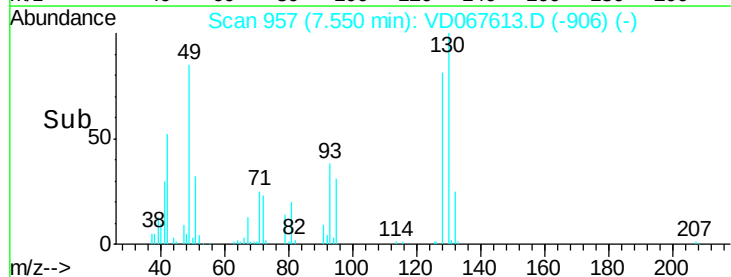
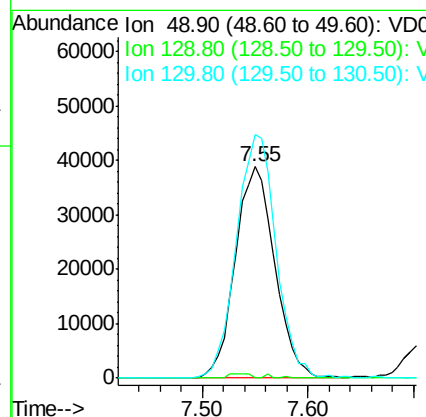
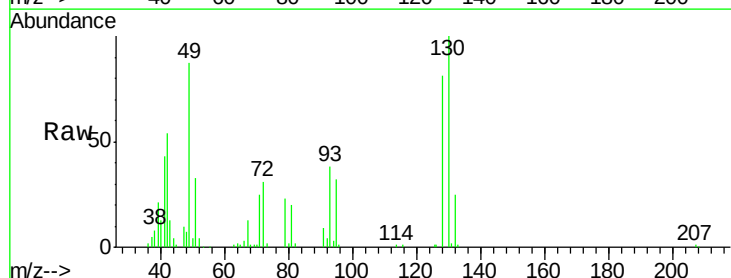
Manual Integrations
 APPROVED

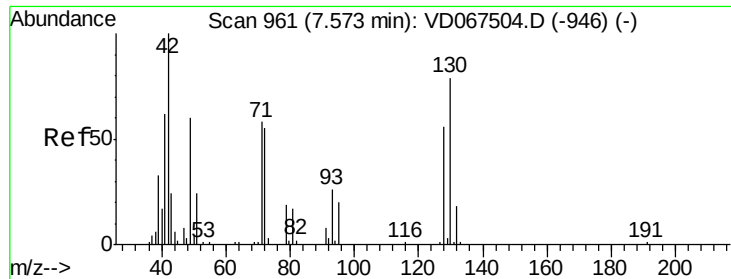
MMDadoda
 11/12/2020 1:11:56 PM



#28
 Bromochloromethane
 Concen: 55.085 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100668		
129	0.3		0.0	6.4
130	115.4		94.6	142.0





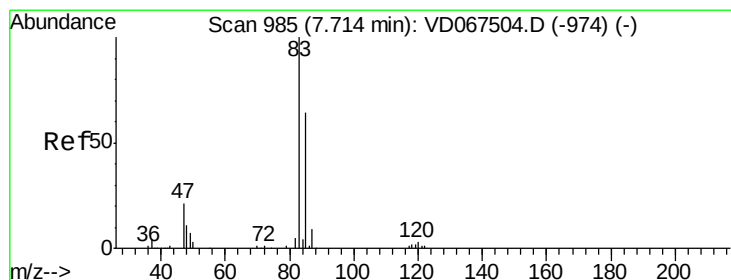
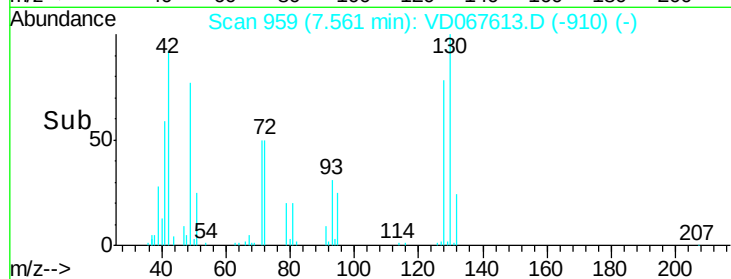
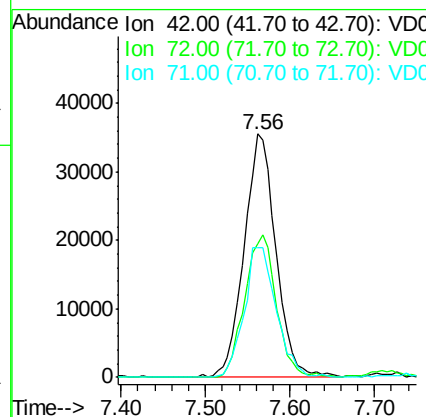
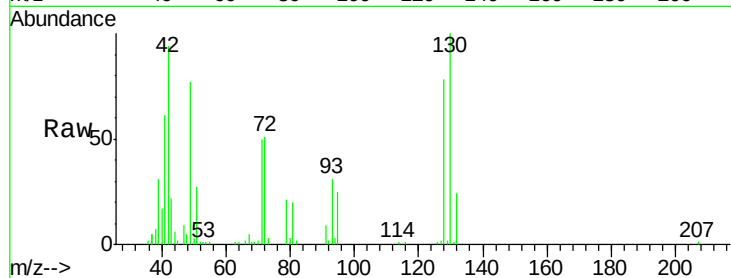
#29
Tetrahydrofuran
Concen: 307.295 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.5	46.3	69.5
71	53.8	44.0	66.0

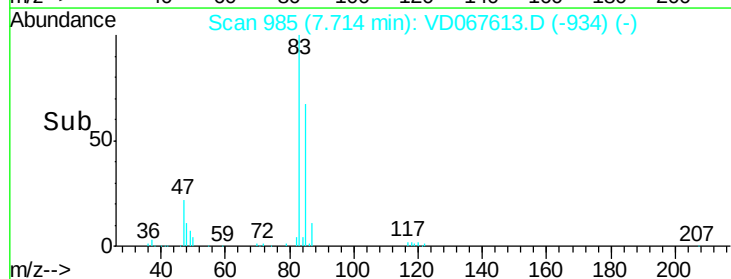
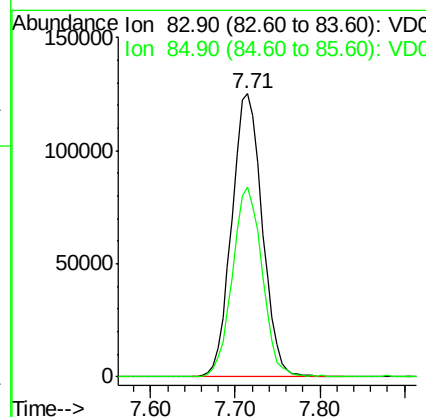
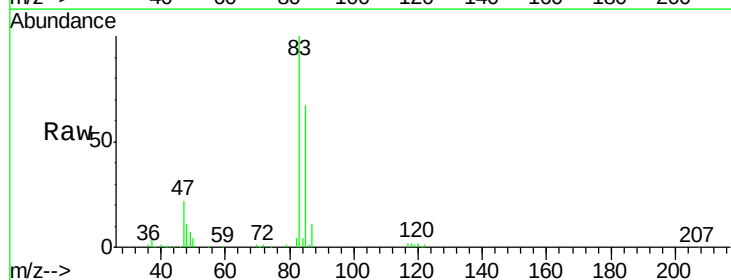
Manual Integrations
APPROVED

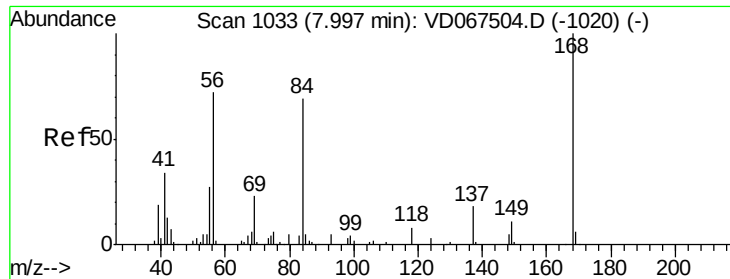
MMDadoda
11/12/2020 1:11:56 PM



#30
Chloroform
Concen: 50.867 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.5	77.3





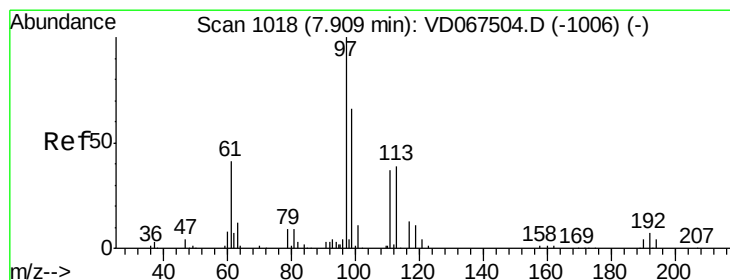
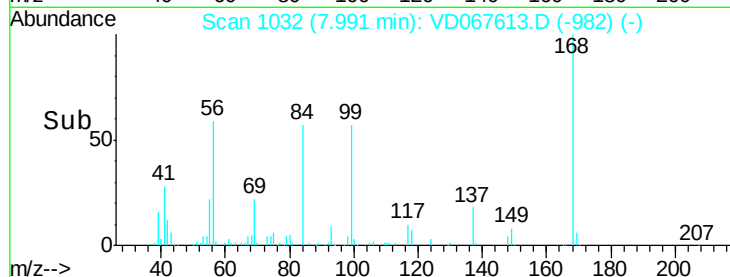
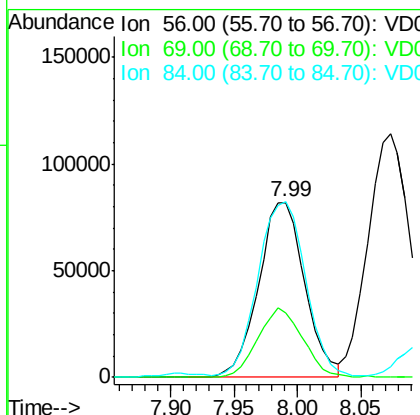
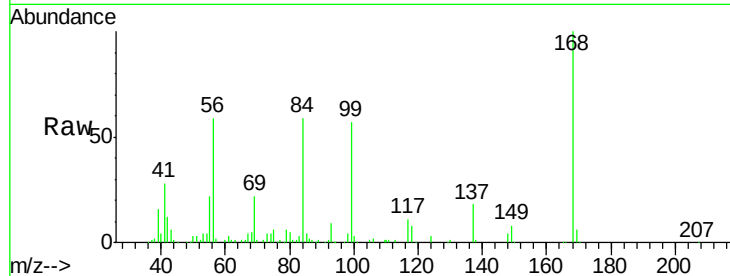
#31
Cyclohexane
Concen: 45.325 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	36.8	25.9	38.9	
84	98.9	76.2	114.4	

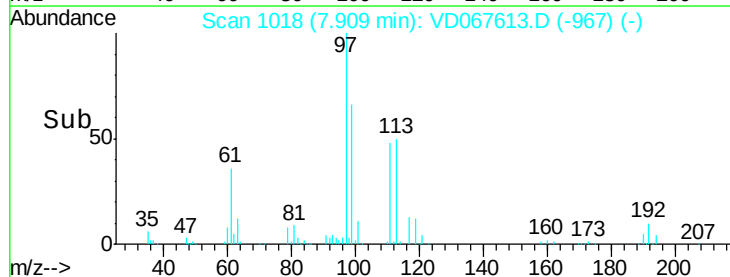
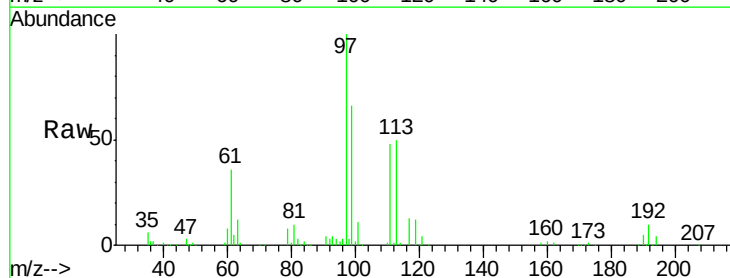
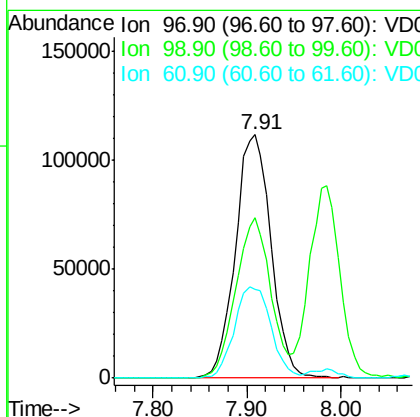
Manual Integrations
APPROVED

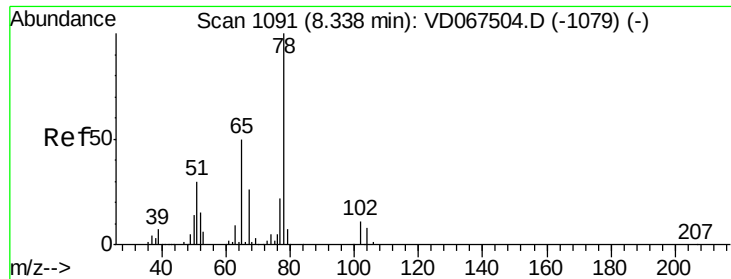
MMDadoda
11/12/2020 1:11:56 PM



#32
1,1,1-Trichloroethane
Concen: 46.450 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	97	Ratio	Lower	Upper
97	100			
99	64.5	51.8	77.6	
61	38.4	30.5	45.7	





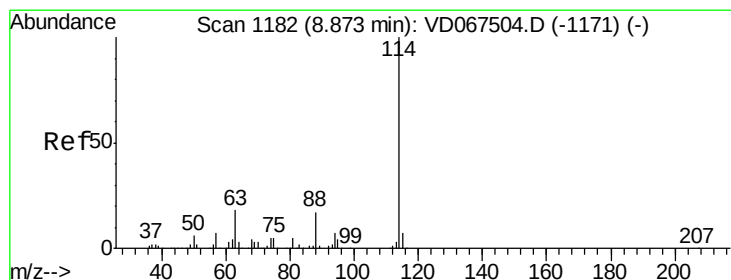
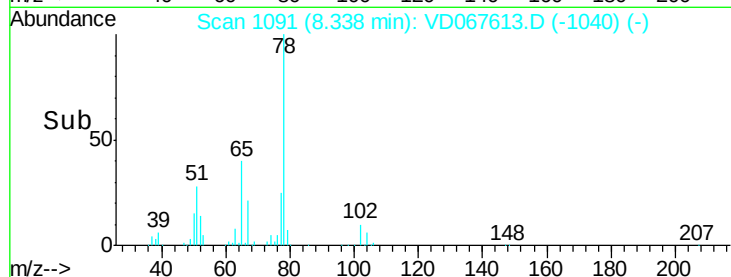
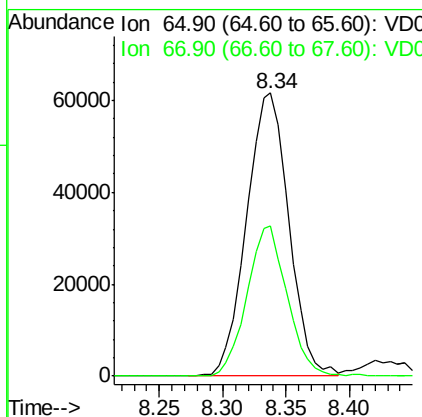
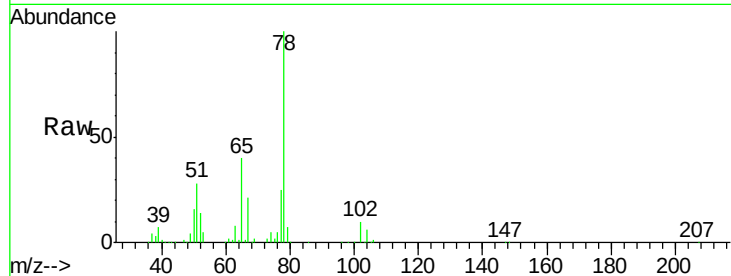
#33
 1,2-Dichloroethane-d4
 Concen: 45.348 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.4

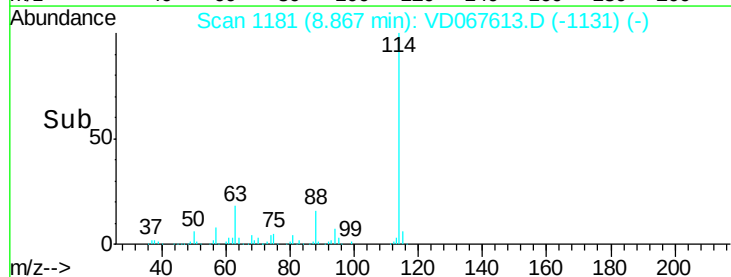
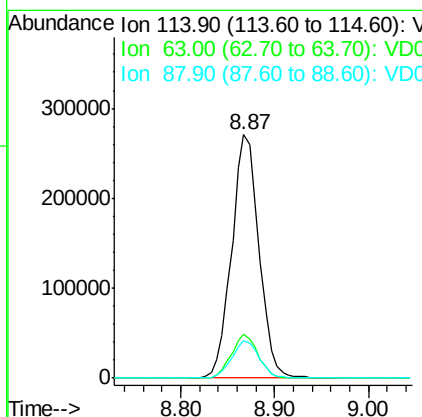
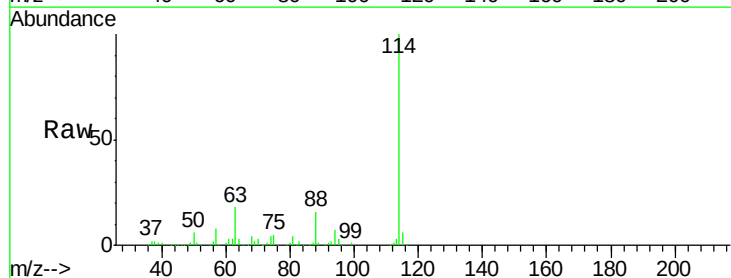
Manual Integrations
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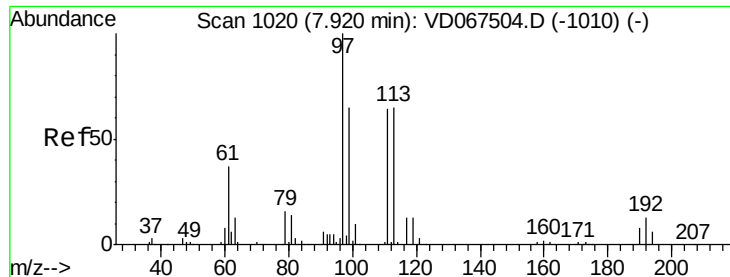
MMDadoda
 11/12/2020 1:11:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.0
88	15.6	0.0	33.0





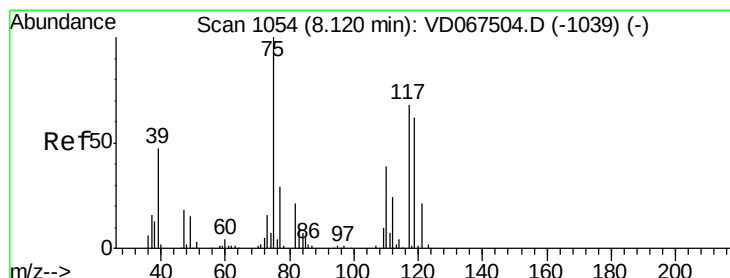
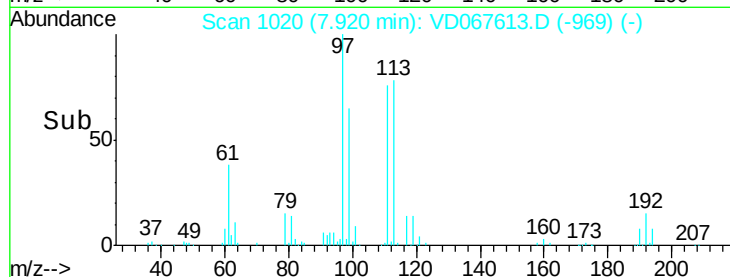
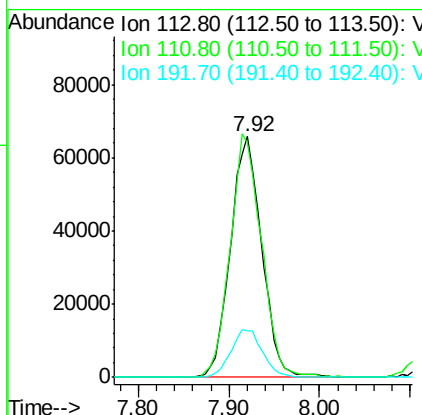
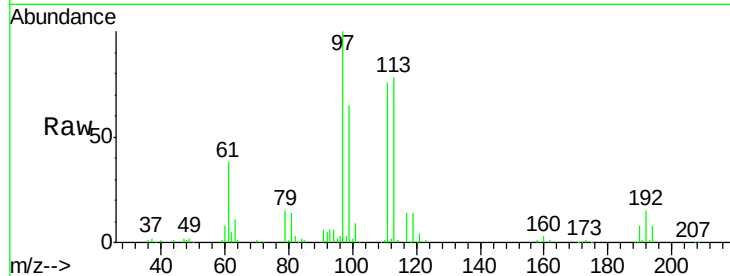
#35
 Dibromofluoromethane
 Concen: 48.063 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157944		
111	101.0	80.0	120.0	
192	20.0	16.3	24.5	

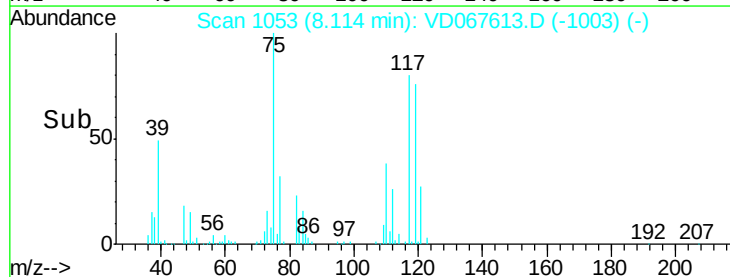
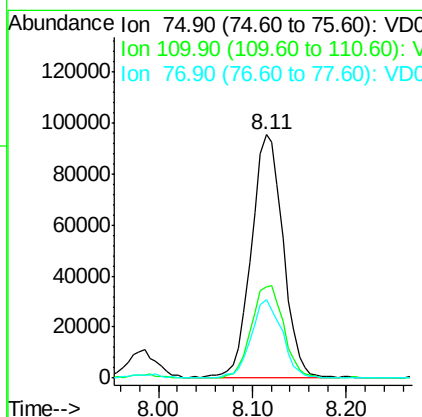
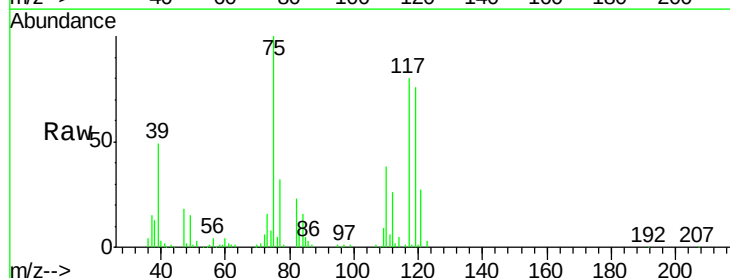
Manual Integrations
 APPROVED

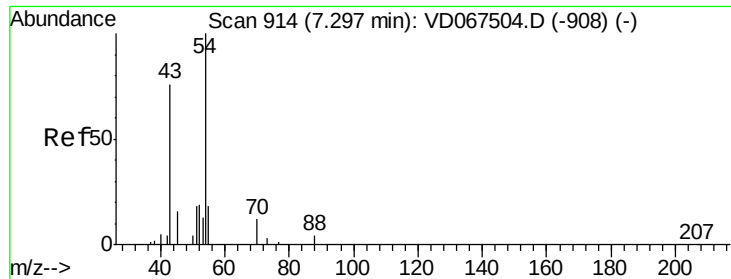
MMDadoda
 11/12/2020 1:11:56 PM



#36
 1,1-Dichloropropene
 Concen: 47.677 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	222592		
110	38.9	19.9	59.7	
77	31.5	24.8	37.2	





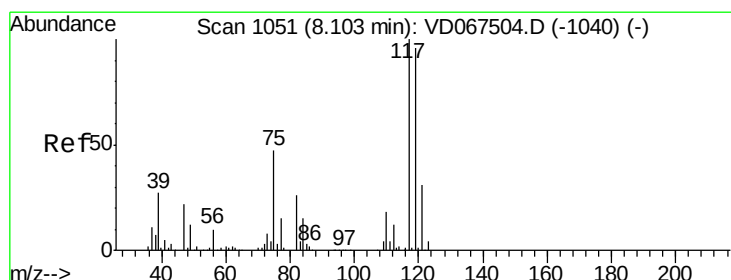
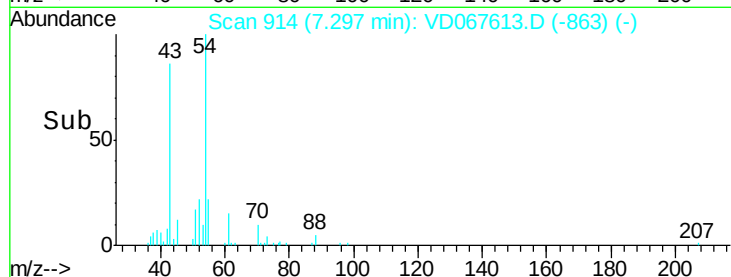
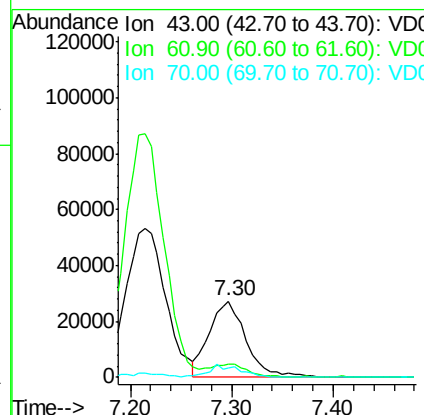
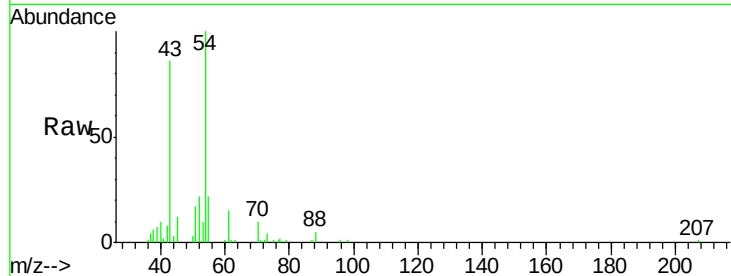
#37
Ethyl Acetate
Concen: 56.589 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.8	19.2
70	14.0	11.7	17.5

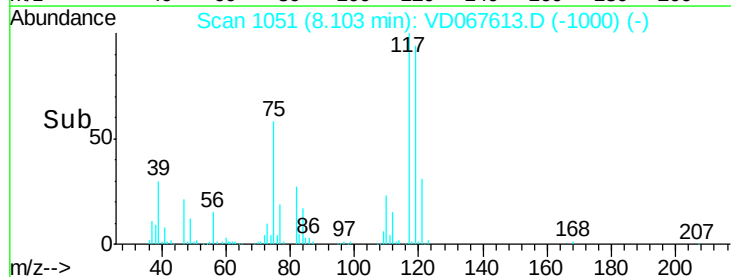
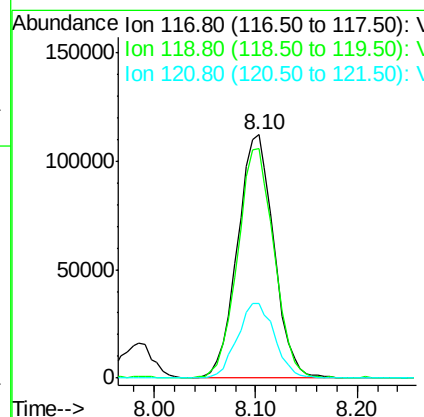
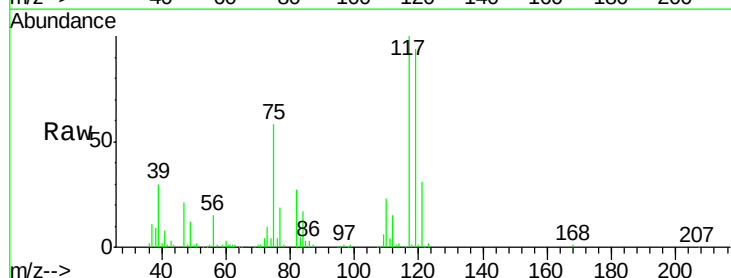
Manual Integrations
APPROVED

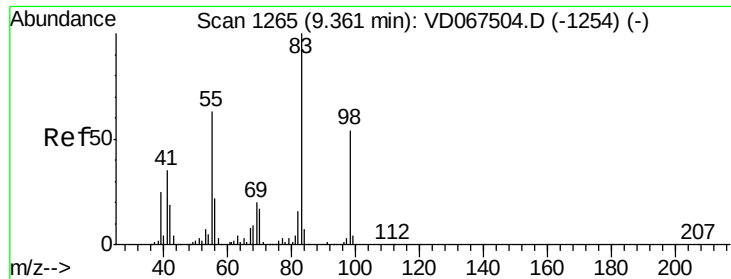
MMDadoda
11/12/2020 1:11:56 PM



#38
Carbon Tetrachloride
Concen: 45.635 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
121	30.6	24.5	36.7





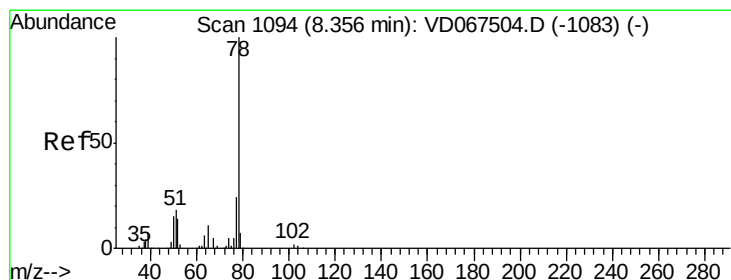
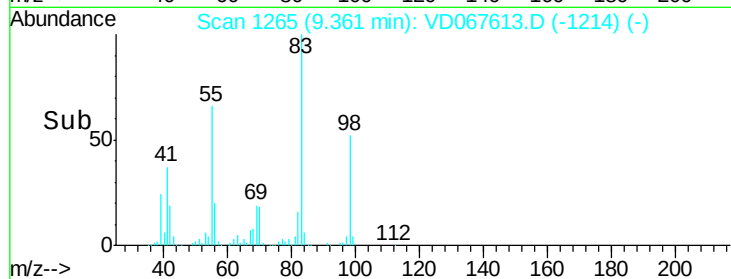
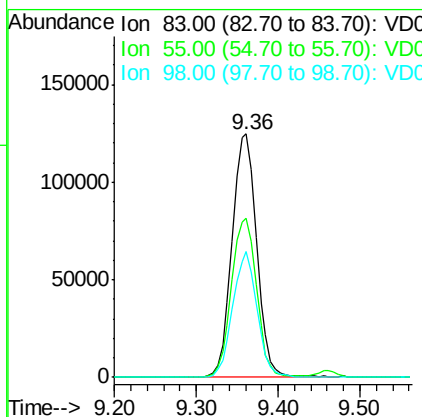
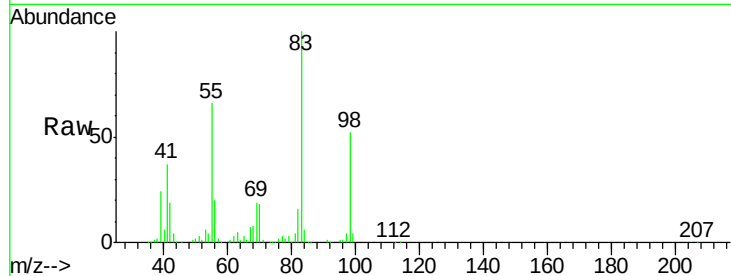
#39
Methylvlcyclohexane
Concen: 47.909 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	50.5	75.7
98	51.7	43.4	65.0

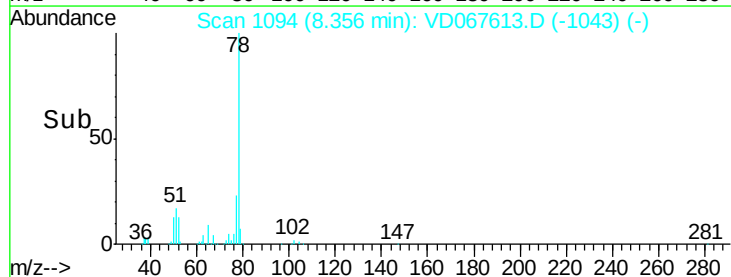
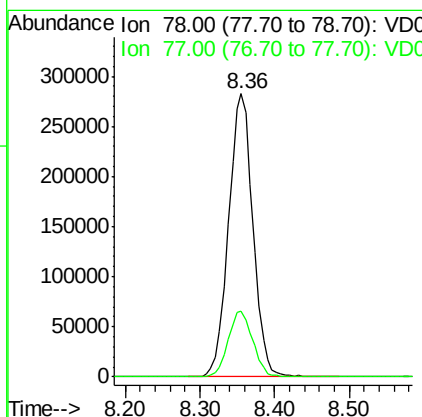
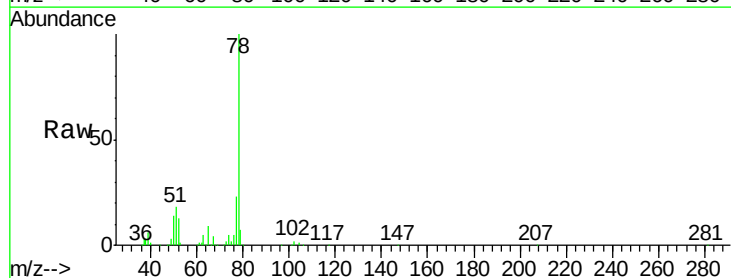
Manual Integrations
APPROVED

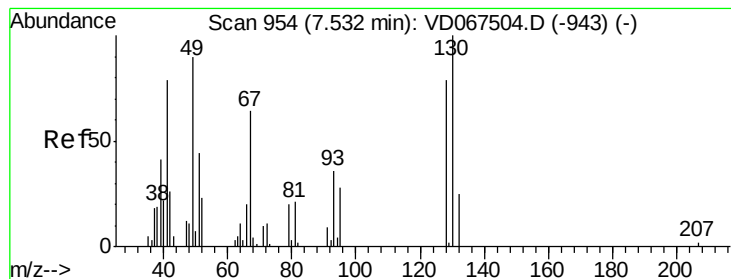
MMDadoda
11/12/2020 1:11:56 PM



#40
Benzene
Concen: 50.754 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41

Methacrylonitrile

Concen: 55.240 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 40023

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 94.2 78.9 118.3

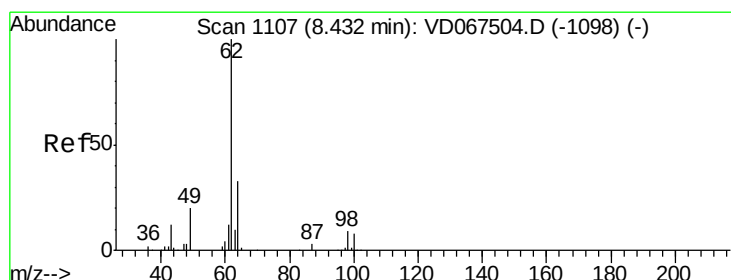
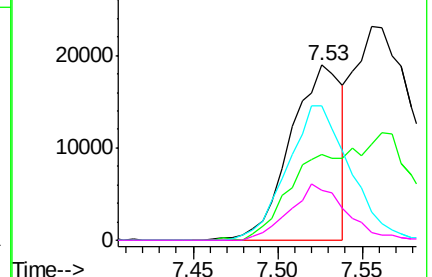
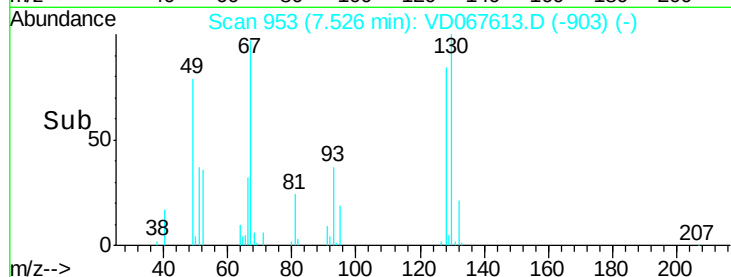
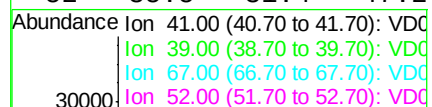
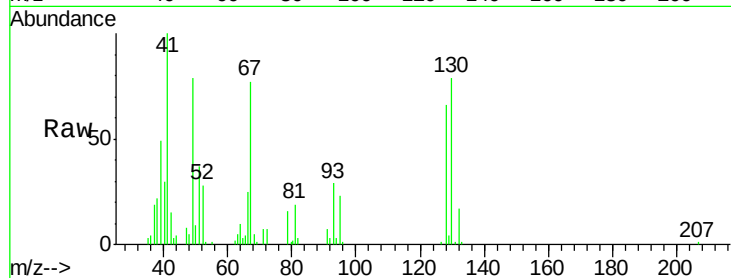
52 35.5 31.4 47.2

Manual Integrations

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11/12/2020 1:11:56 PM



#42

1,2-Dichloroethane

Concen: 49.326 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067613.D

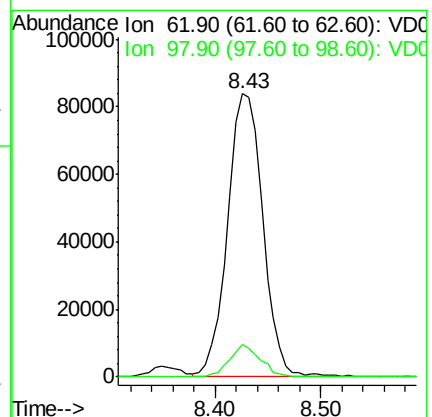
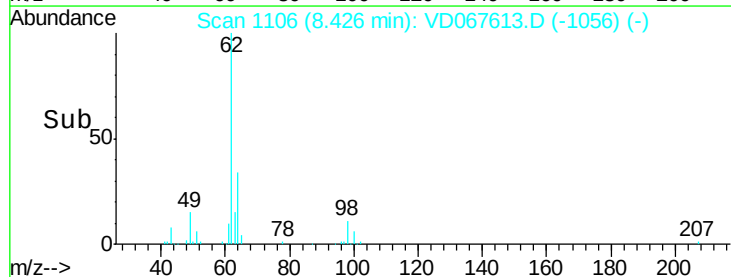
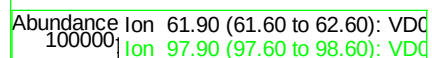
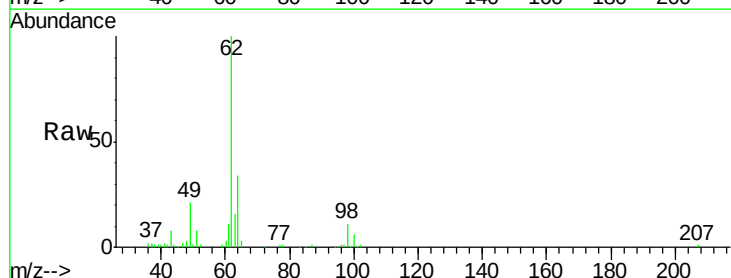
Acq: 11 Nov 2020 20:09

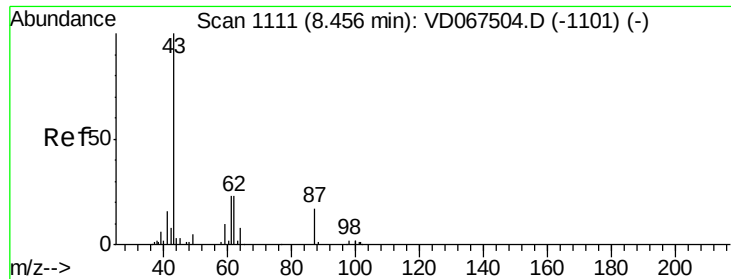
Tgt Ion: 62 Resp: 192734

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 56.508 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

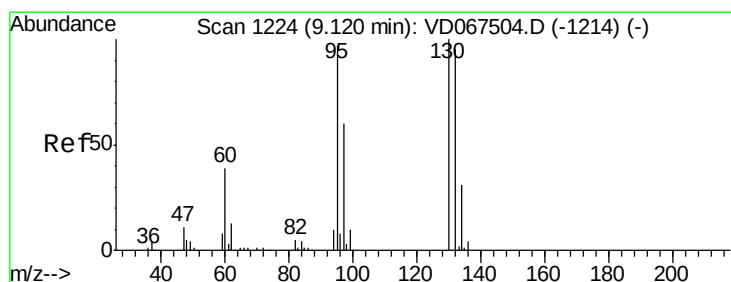
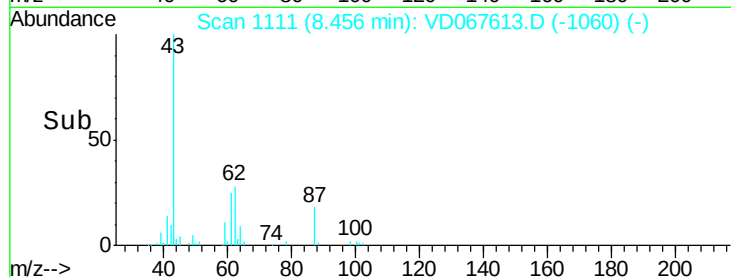
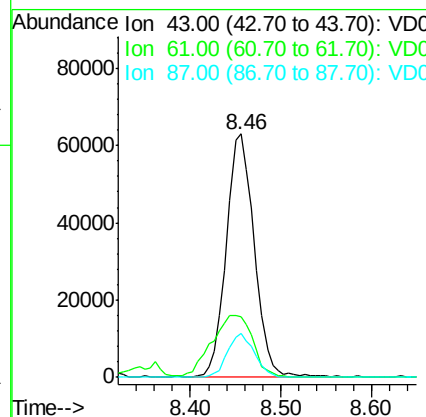
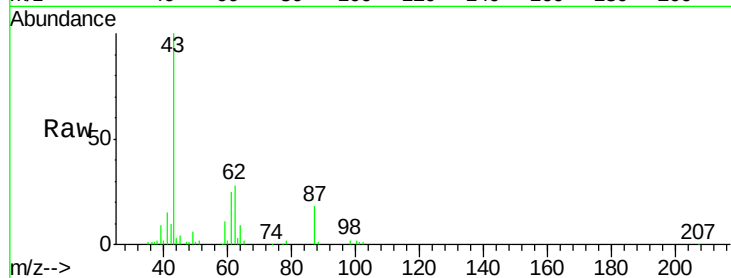
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	135458
Ion	Ratio	Lower	Upper
43	100		
61	37.4	30.5	45.7
87	17.2	14.7	22.1

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#44

Trichloroethene

Concen: 48.366 ug/l

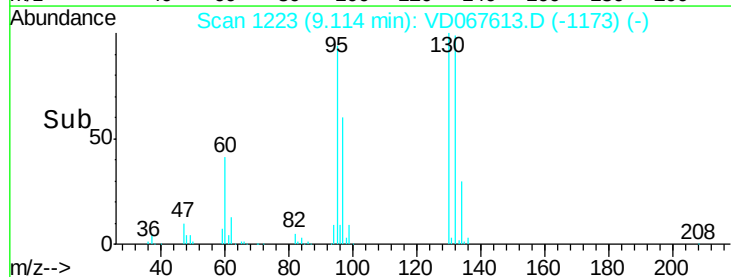
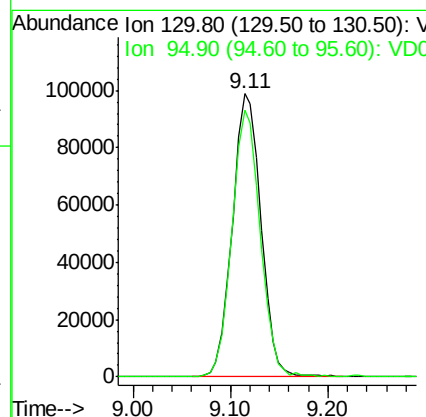
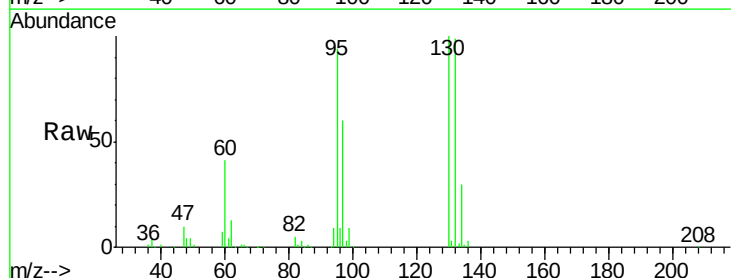
RT: 9.11 min Scan# 1223

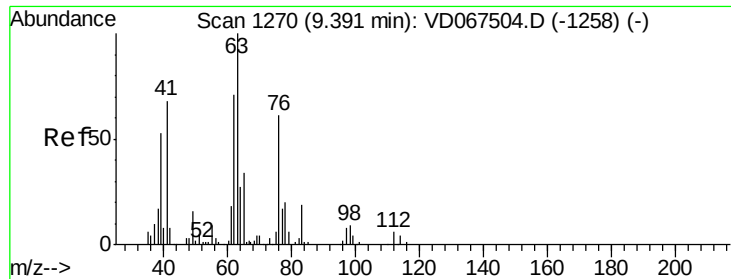
Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion:	130	Resp:	201121
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	194.4





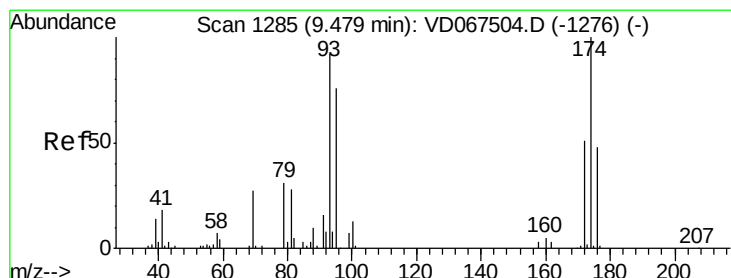
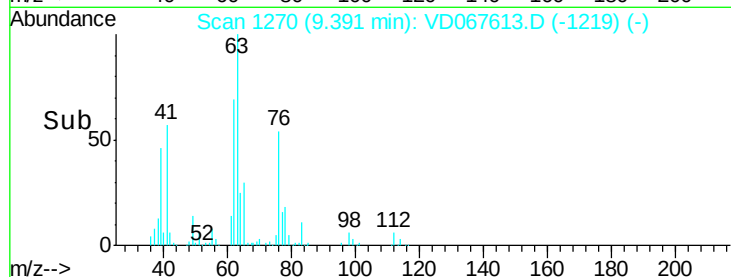
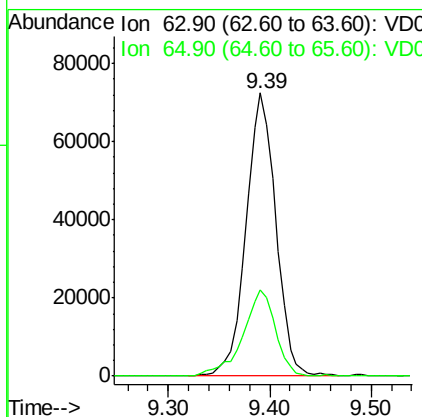
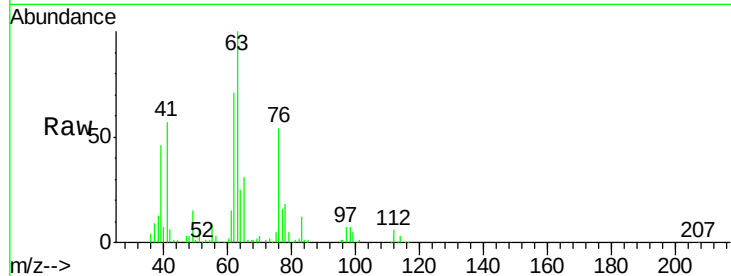
#45
 1,2-Dichloropropane
 Concen: 54.050 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 147787
 Ion Ratio Lower Upper
 63 100
 65 30.6 26.9 40.3

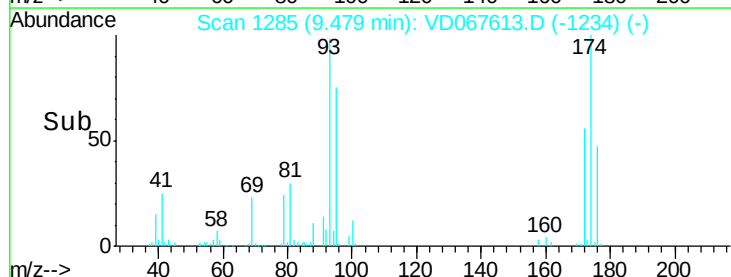
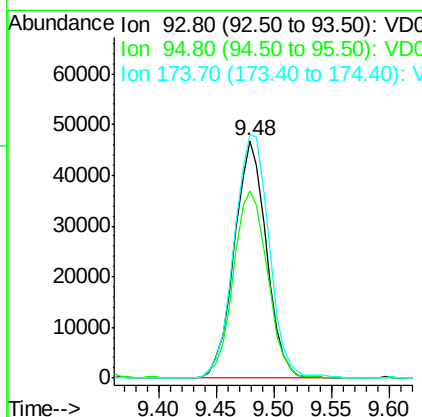
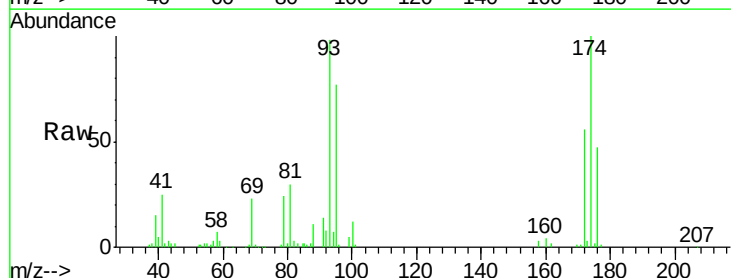
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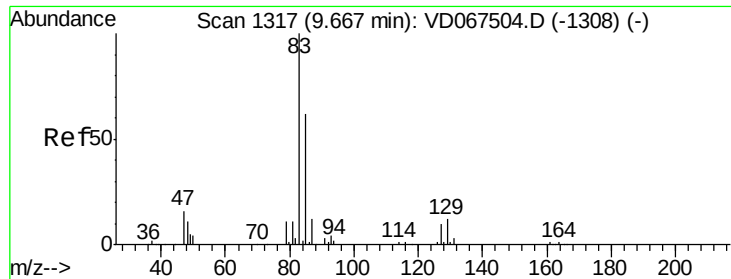
MMDadoda
 11/12/2020 1:11:56 PM



#46
 Dibromomethane
 Concen: 51.910 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 93 Resp: 90246
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 111.8 88.2 132.4





#47

Bromodichloromethane

Concen: 51.306 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

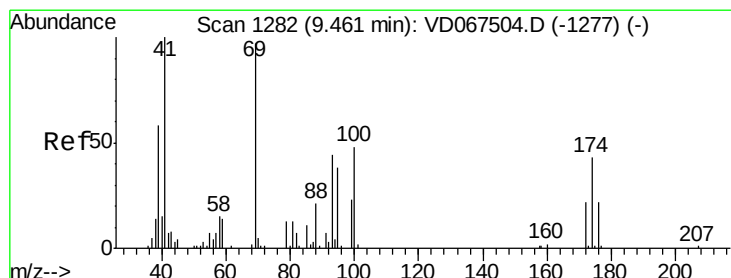
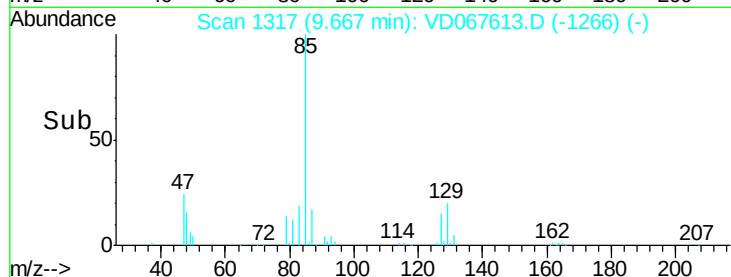
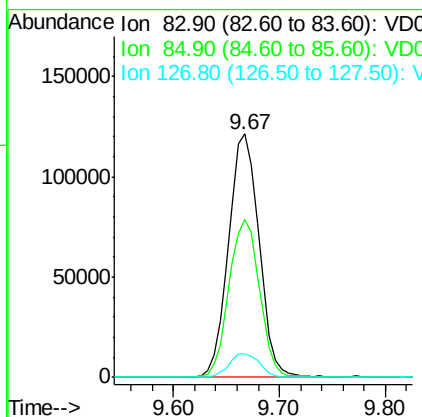
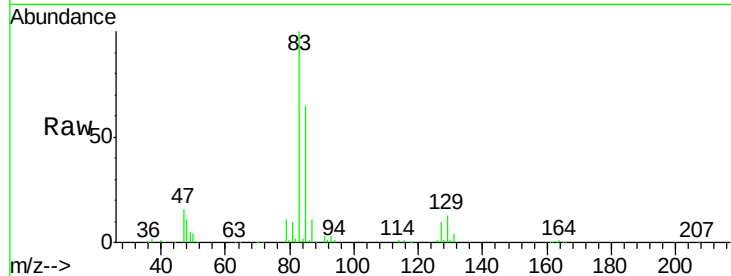
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	242438
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.4	74.2
127	9.5	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.485 ug/l

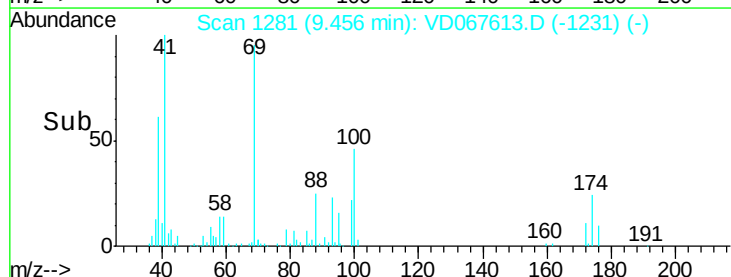
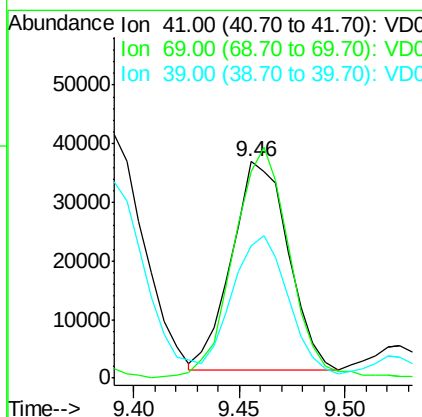
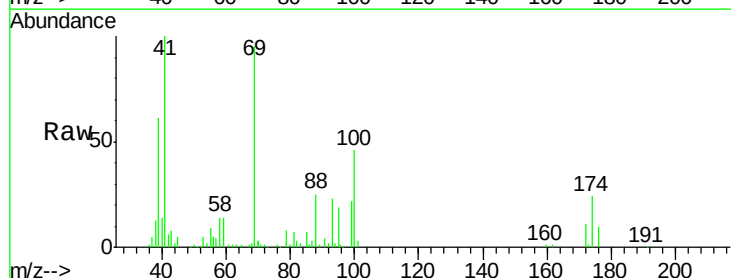
RT: 9.46 min Scan# 1281

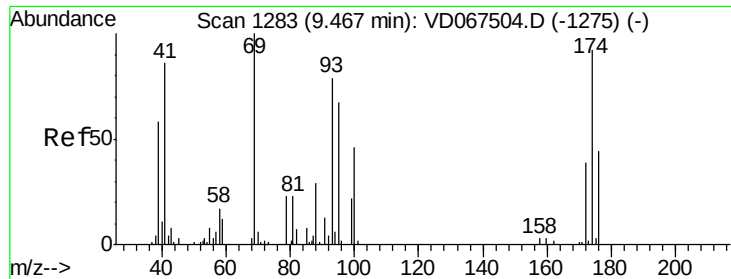
Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion:	41	Resp:	66198
Ion	Ratio	Lower	Upper
41	100		
69	110.2	80.6	121.0
39	64.0	50.2	75.4





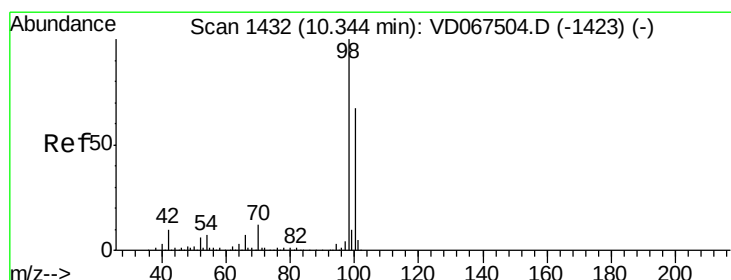
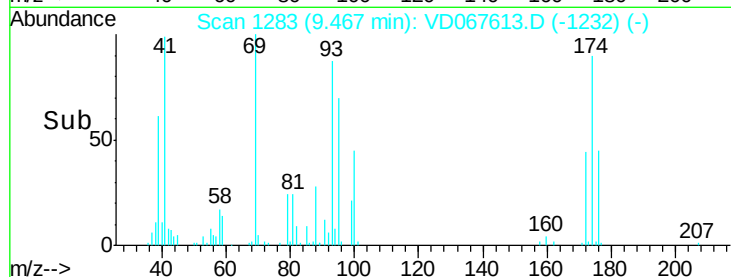
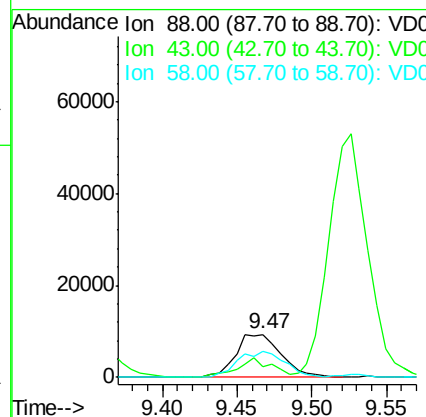
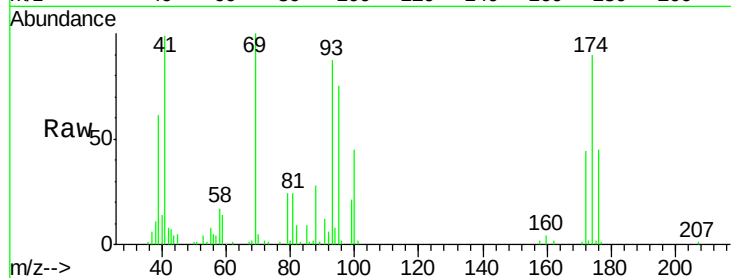
#49
1,4-Dioxane
Concen: 1134.740 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	20027
Ion	Ratio	Lower	Upper
88	100		
43	33.5	23.6	35.4
58	63.0	44.7	67.1

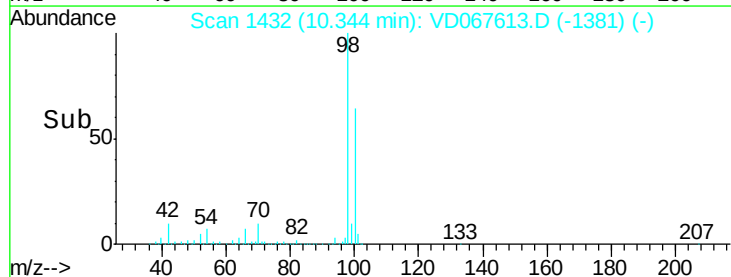
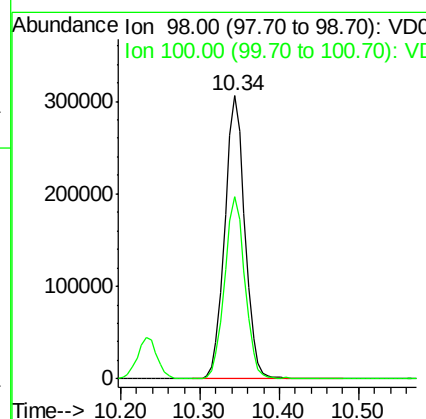
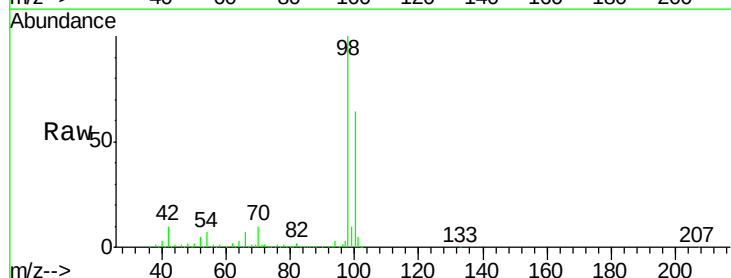
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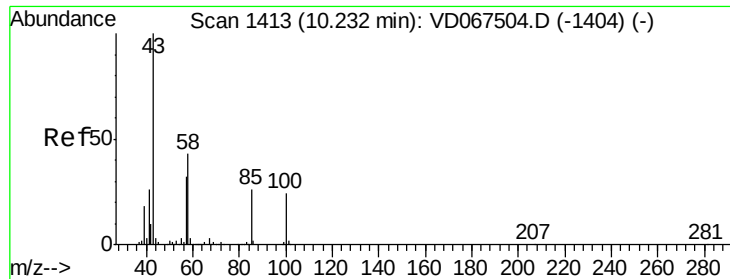
MMDadoda
11/12/2020 1:11:56 PM



#50
Toluene-d8
Concen: 46.626 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	98	Resp	538456
Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.6





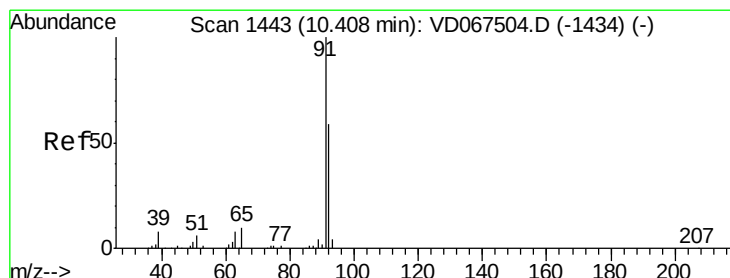
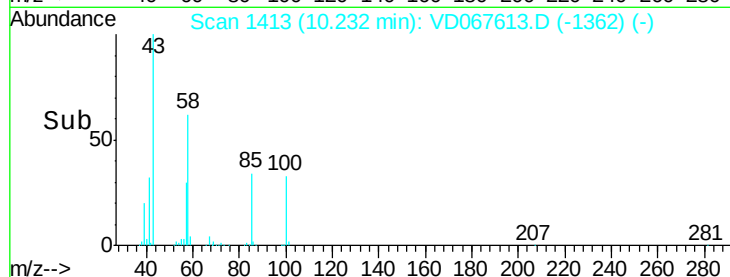
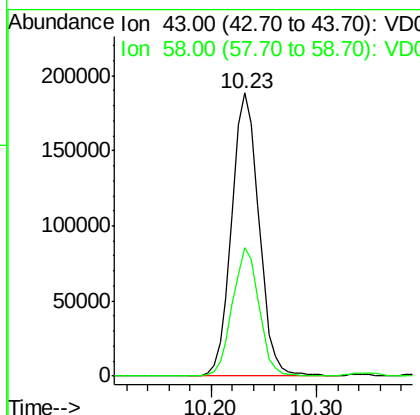
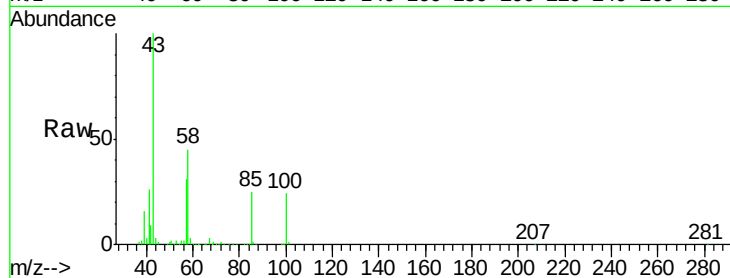
#51
4-Methyl-2-Pentanone
Concen: 293.217 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 336156
Ion Ratio Lower Upper
43 100
58 44.2 35.6 53.4

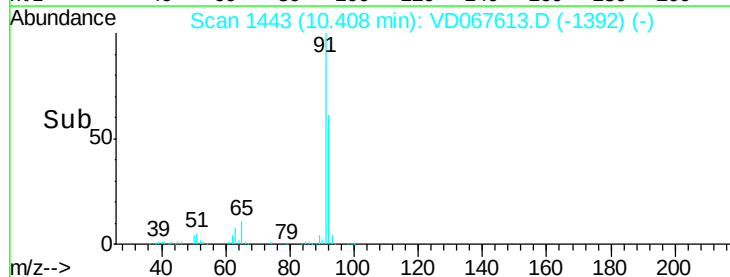
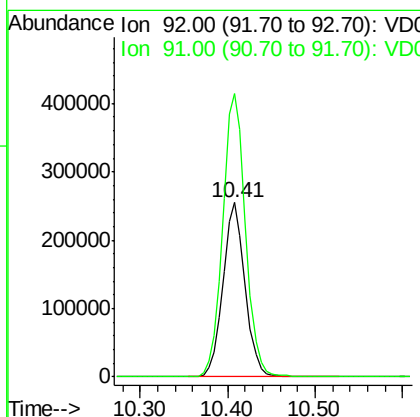
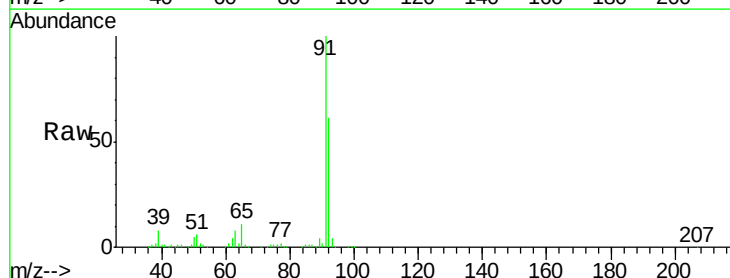
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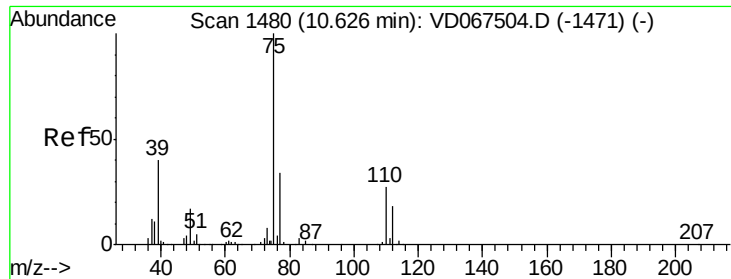
MMDadoda
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#52
Toluene
Concen: 52.032 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 92 Resp: 440747
Ion Ratio Lower Upper
92 100
91 167.9 137.0 205.6





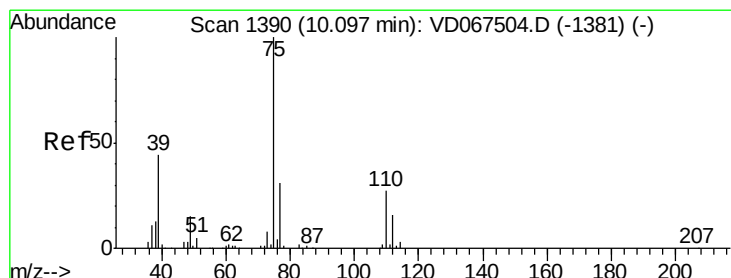
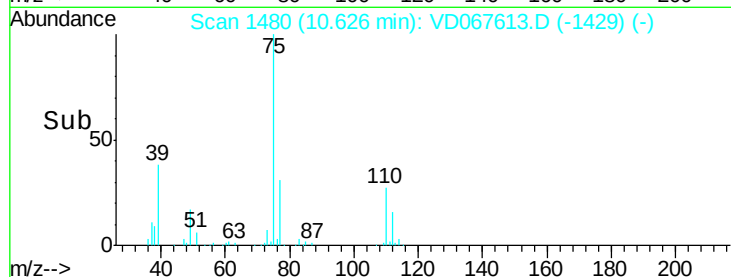
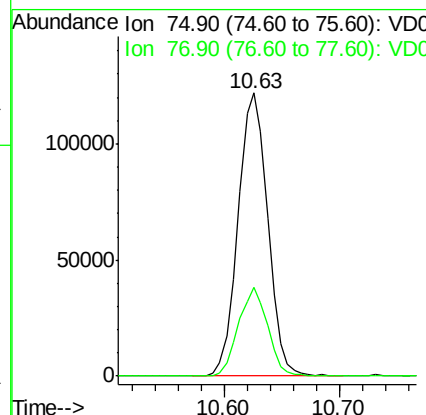
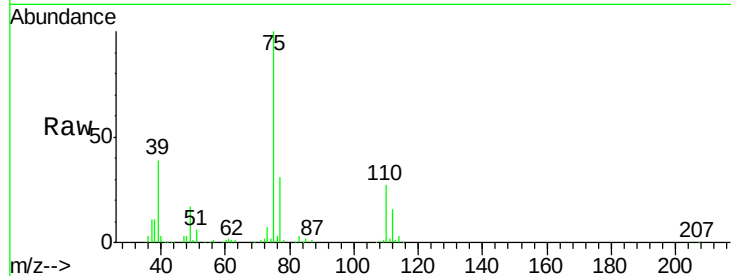
#53
t-1,3-Dichloropropene
Concen: 53.772 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	27.0	40.6

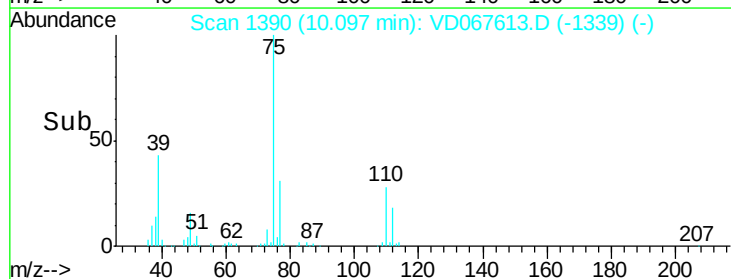
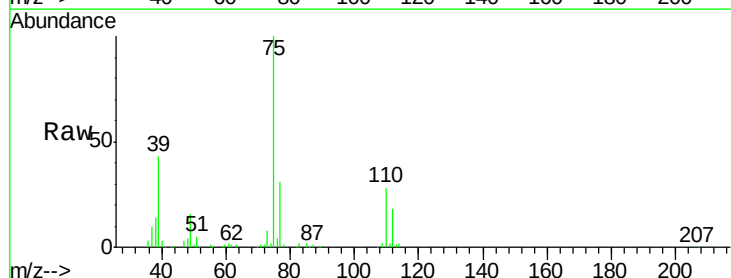
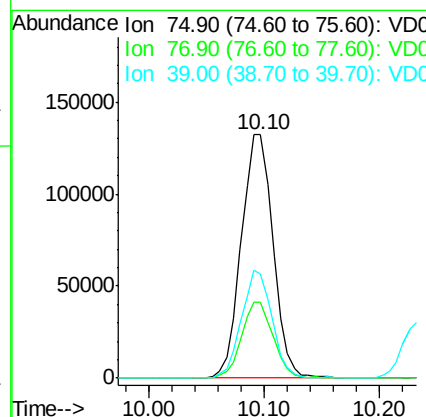
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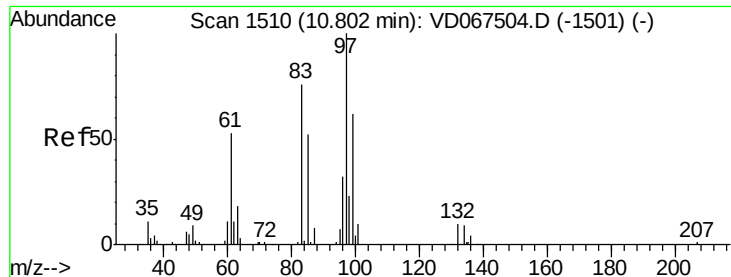
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#54
cis-1,3-Dichloropropene
Concen: 52.615 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.4	36.6
39	42.5	35.6	53.4





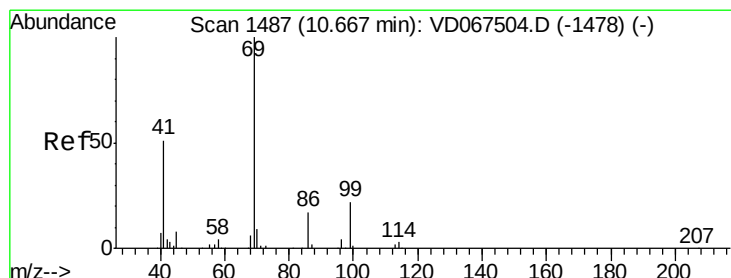
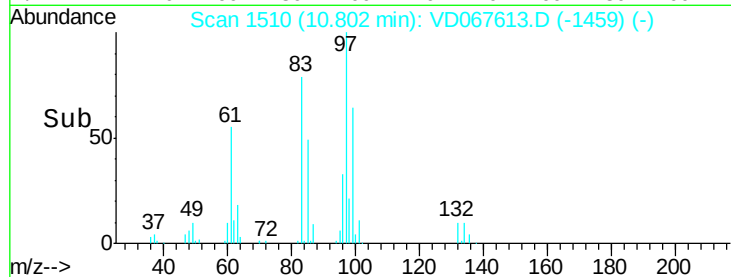
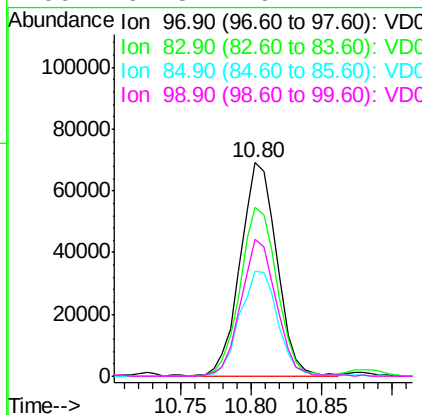
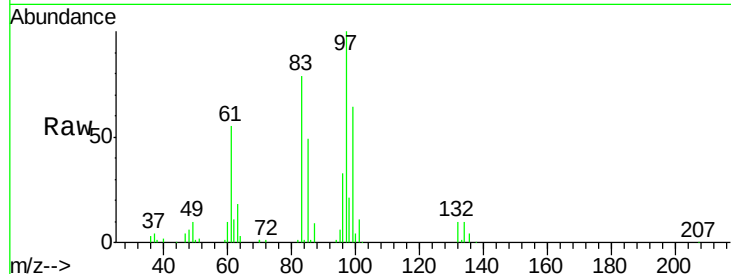
#55
 1,1,2-Trichloroethane
 Concen: 54.576 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		125540		
83	78.9	61.0	91.6		
85	49.2	41.5	62.3		
99	64.3	49.4	74.2		

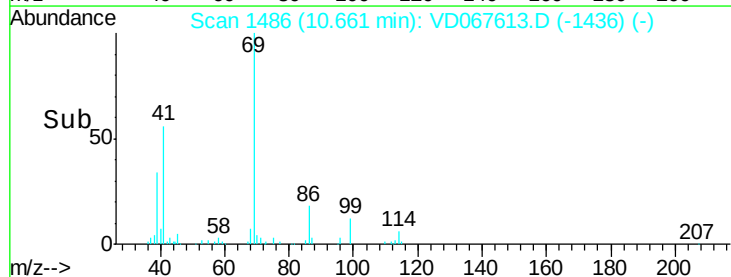
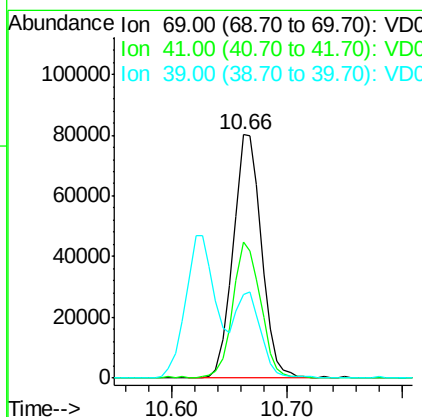
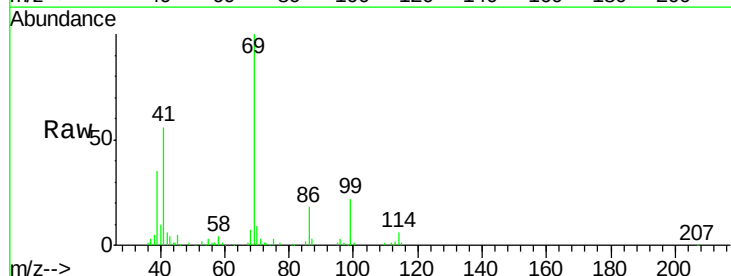
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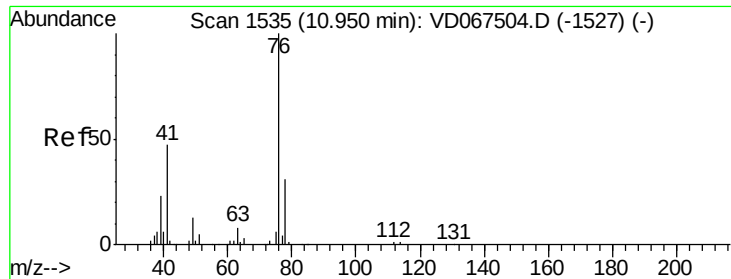
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#56
 Ethyl methacrylate
 Concen: 57.546 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		136695		
41	55.2	45.4	68.0		
39	30.8	27.4	41.0		





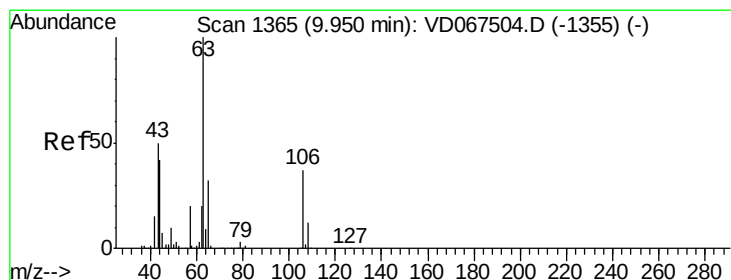
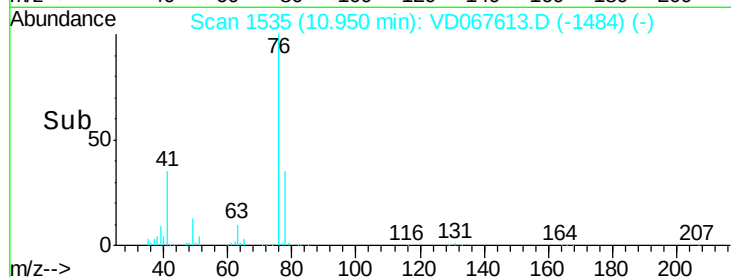
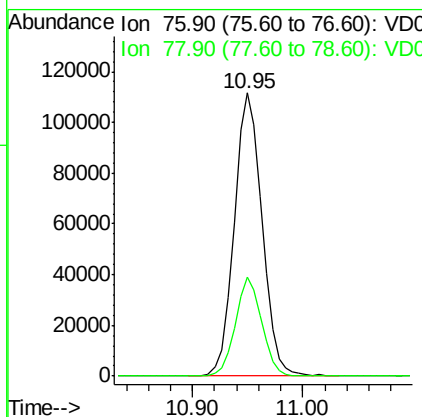
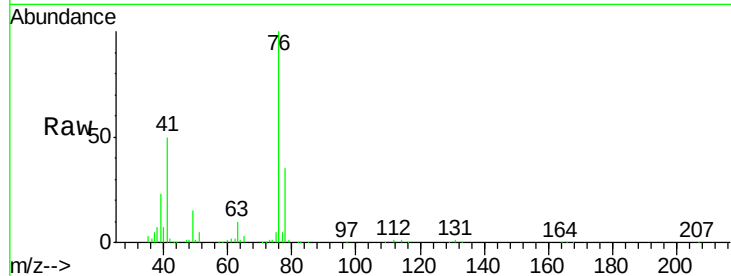
#57
 1,3-Dichloropropane
 Concen: 53.334 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 197420
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1

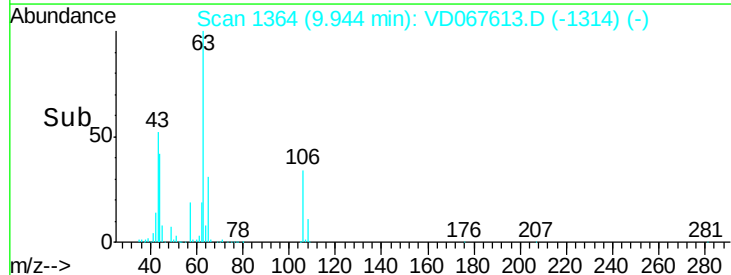
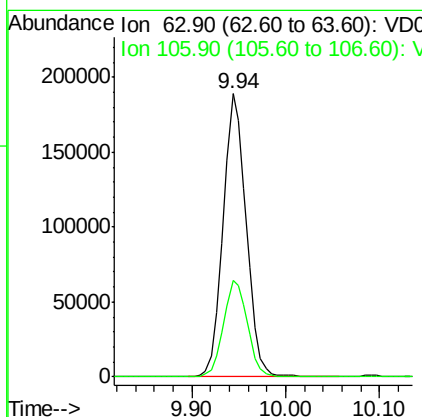
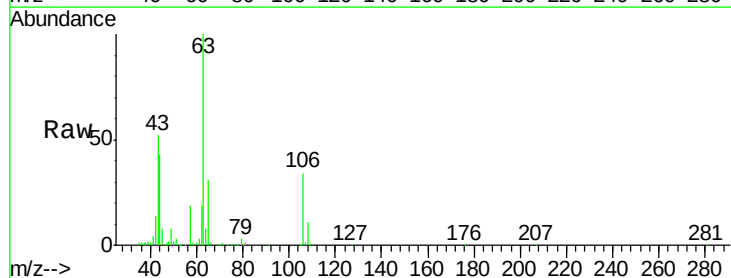
Manual Integrations
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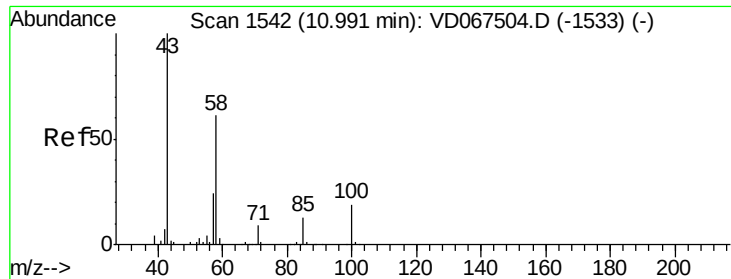
MMDadoda
 11/12/2020 1:11:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.627 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 63 Resp: 323044
 Ion Ratio Lower Upper
 63 100
 106 35.1 29.2 43.8





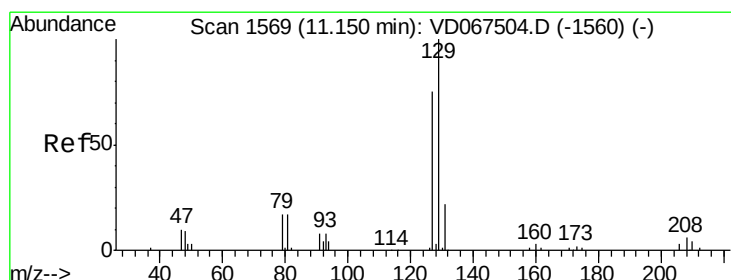
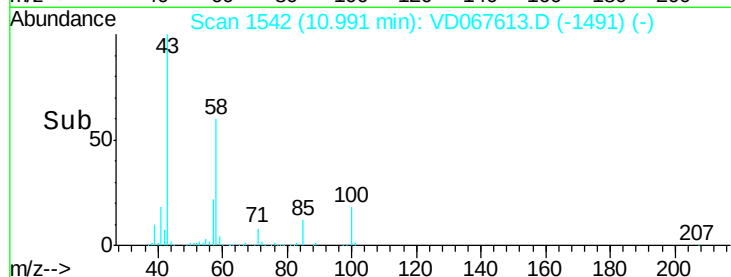
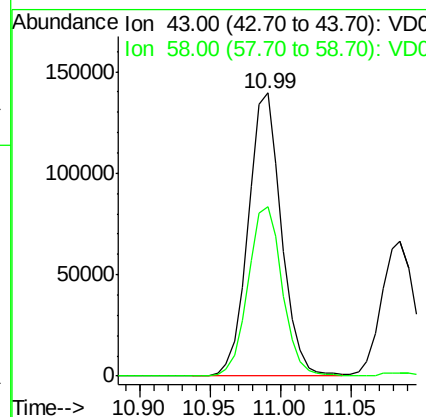
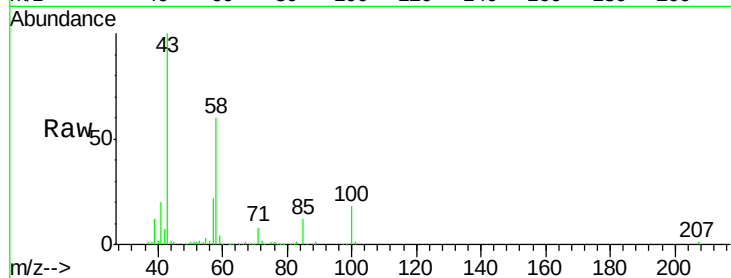
#59
2-Hexanone
Concen: 288.020 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 230875
Ion Ratio Lower Upper
43 100
58 61.4 30.3 90.9

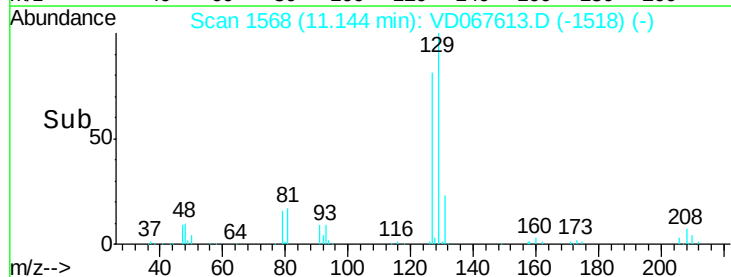
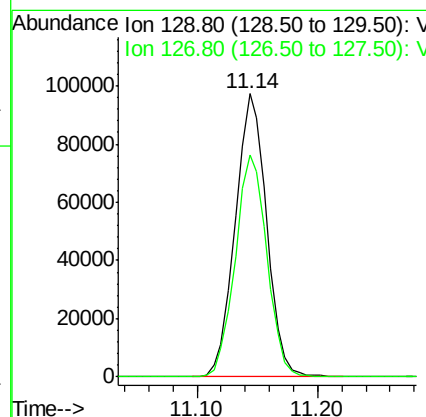
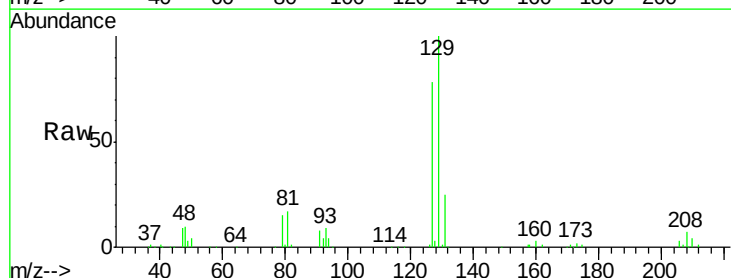
Manual Integrations
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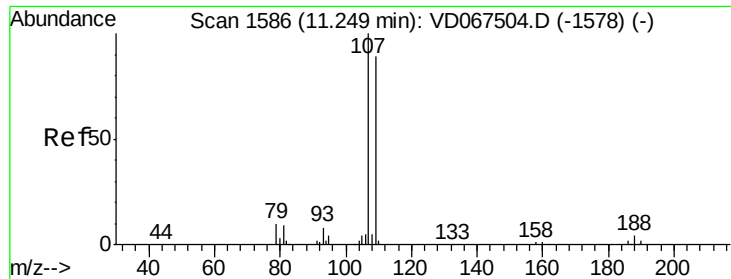
MMDadoda
11/12/2020 1:11:56 PM



#60
Dibromochloromethane
Concen: 51.724 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 129 Resp: 176002
Ion Ratio Lower Upper
129 100
127 79.1 38.0 114.1





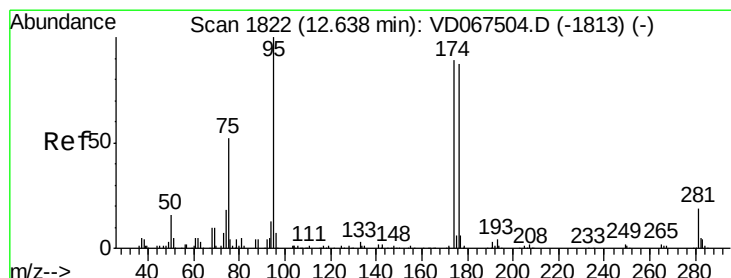
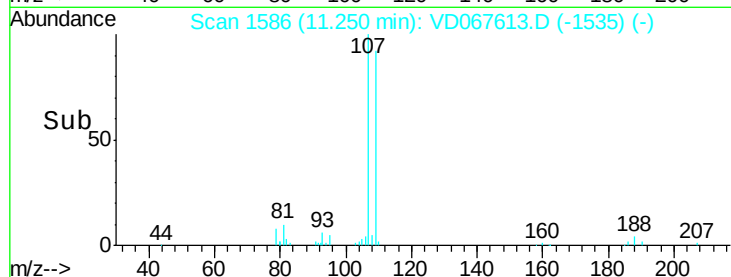
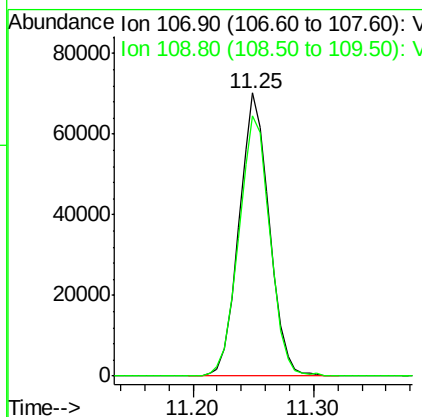
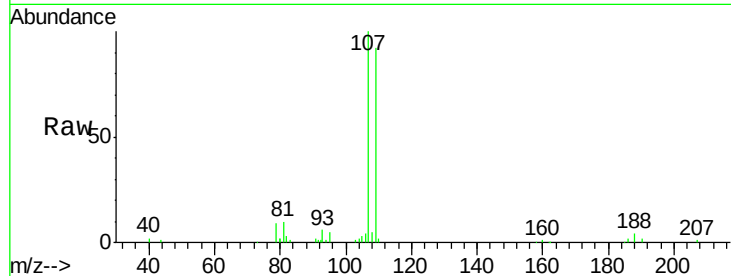
#61
 1,2-Dibromoethane
 Concen: 52.900 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.6	111.8

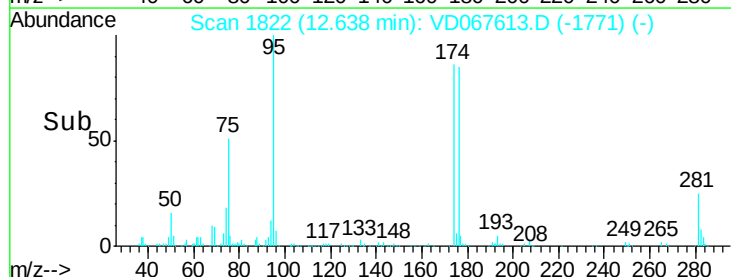
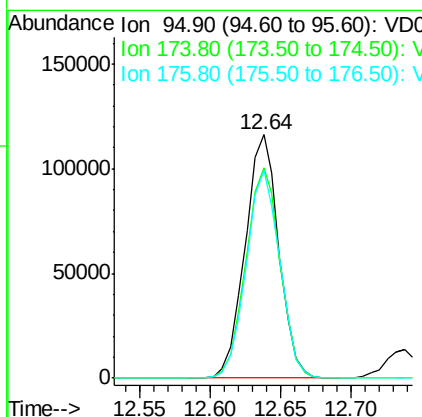
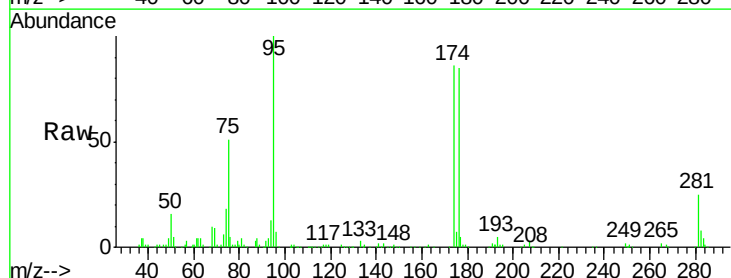
Manual Integrations
 APPROVED

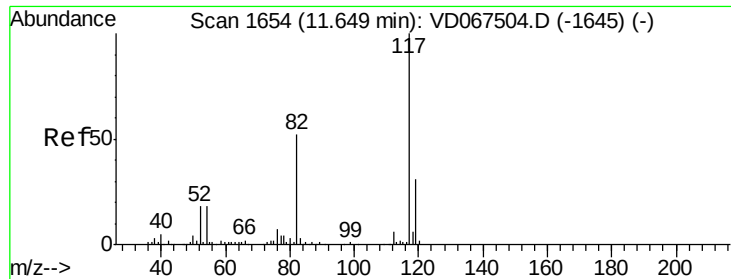
MMDadoda
 11/12/2020 1:11:56 PM



#62
 4-Bromofluorobenzene
 Concen: 48.588 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	177.8
176	85.5	0.0	172.0





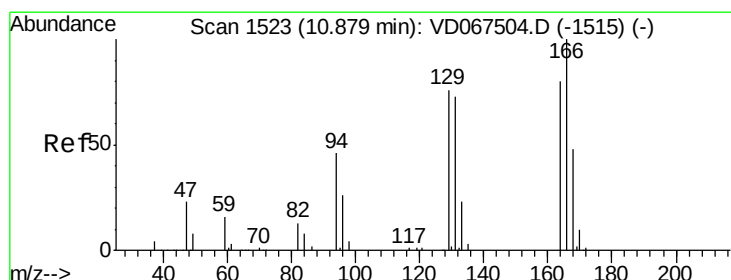
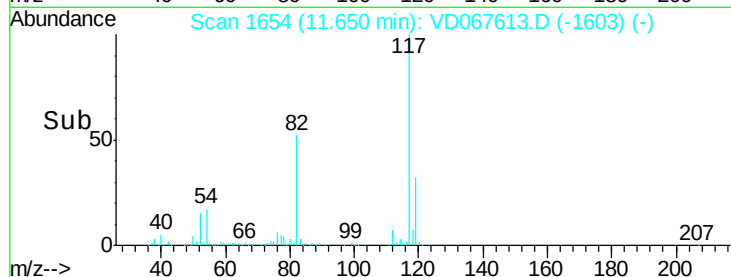
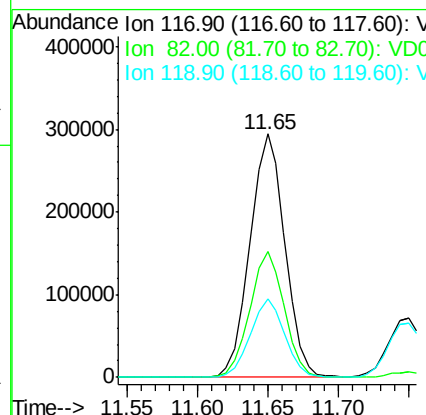
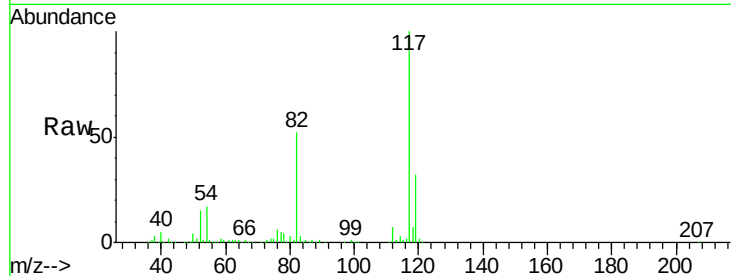
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	510364		
82	51.8		41.6	62.4
119	32.0		25.1	37.7

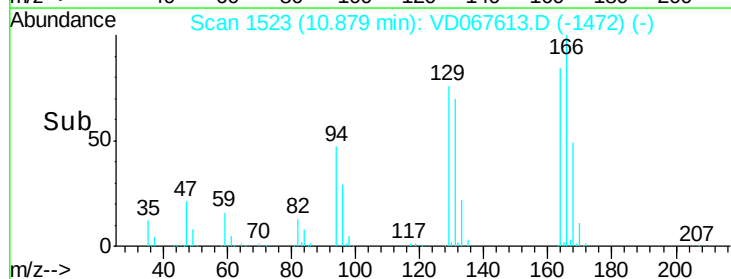
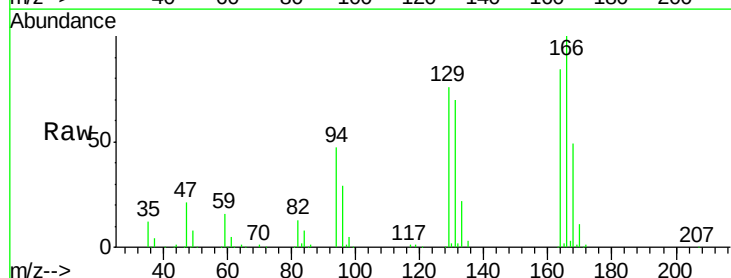
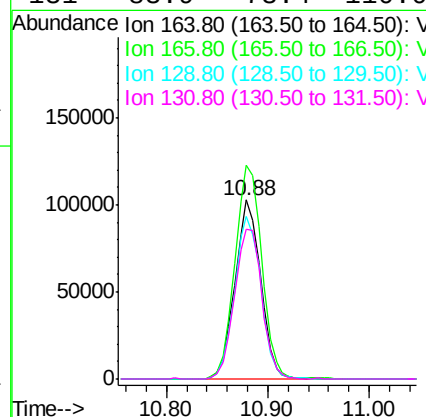
Manual Integrations
APPROVED

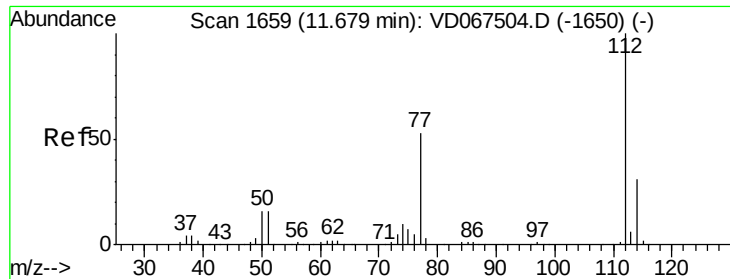
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#64
Tetrachloroethene
Concen: 48.000 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181425		
166	119.5		99.9	149.9
129	90.8		75.5	113.3
131	83.9		73.4	110.0





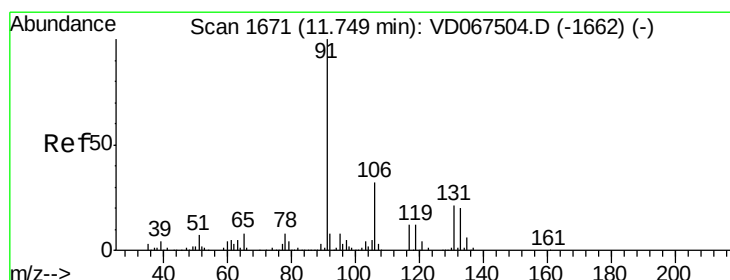
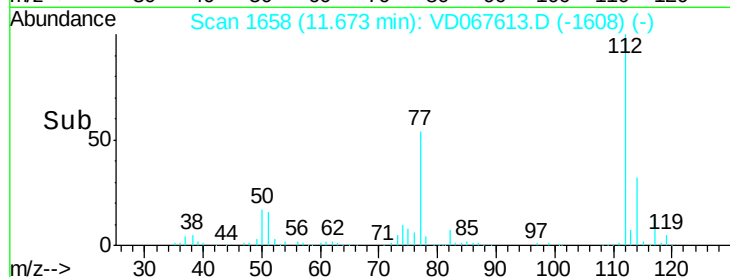
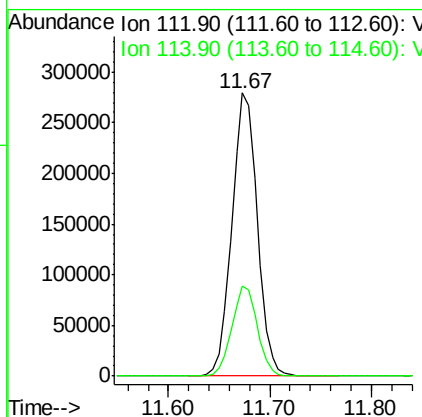
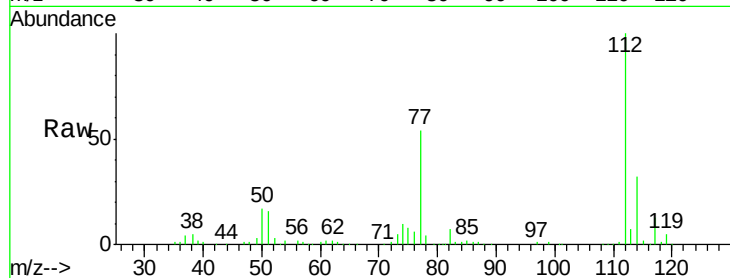
#65
Chlorobenzene
Concen: 49.364 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 485297
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3

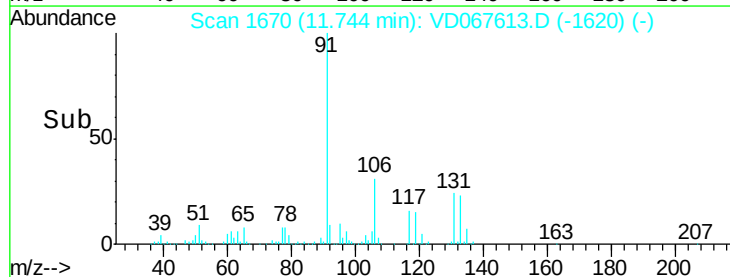
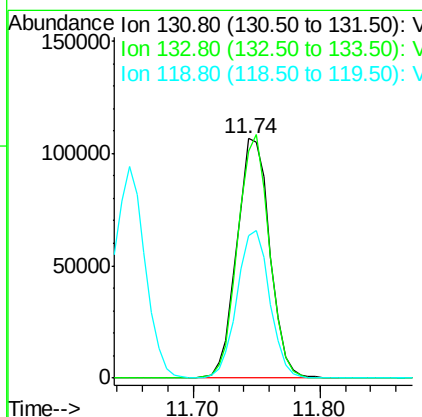
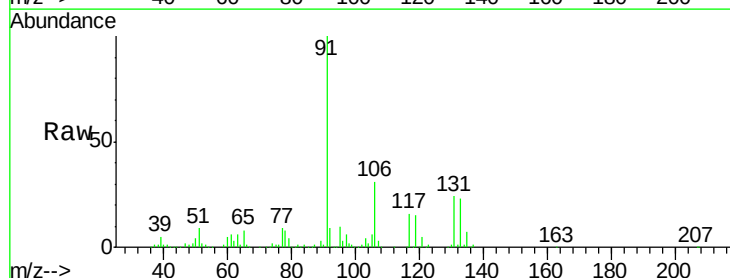
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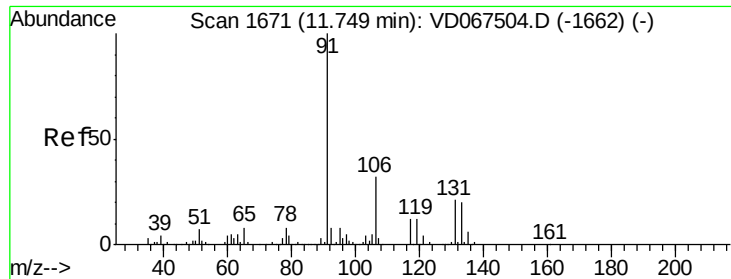
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.642 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:131 Resp: 192348
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 61.1 30.1 90.5





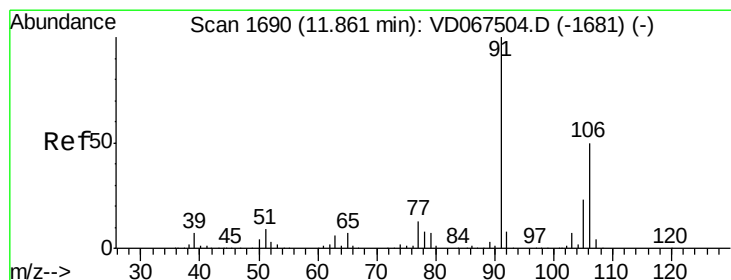
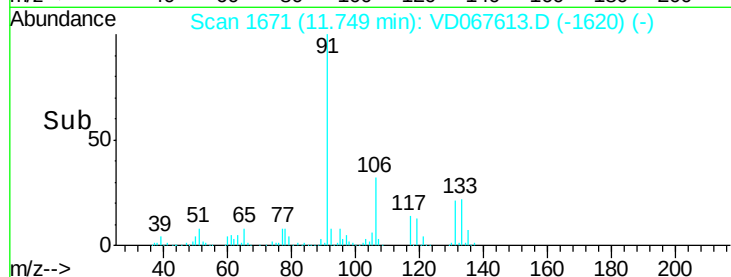
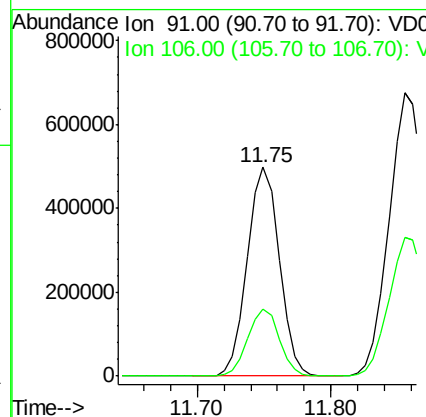
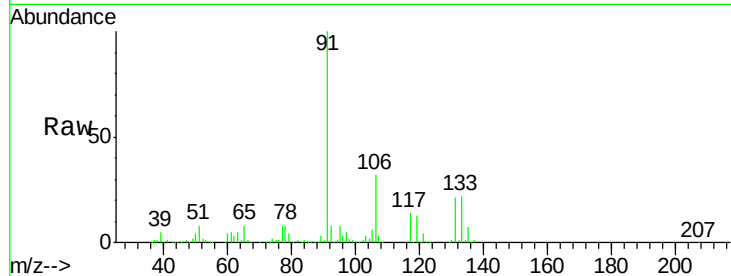
#67
Ethyl Benzene
Concen: 49.183 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 827401
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

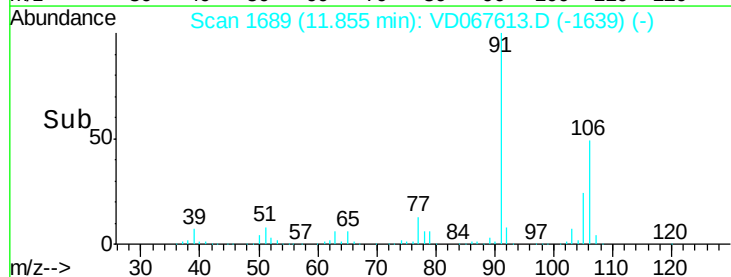
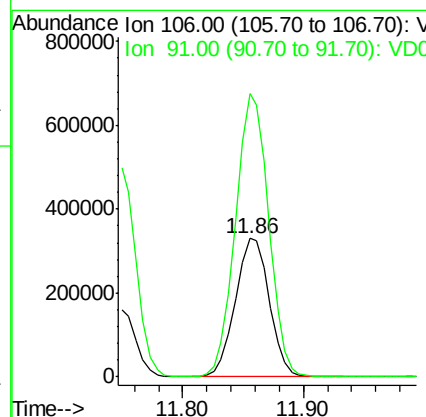
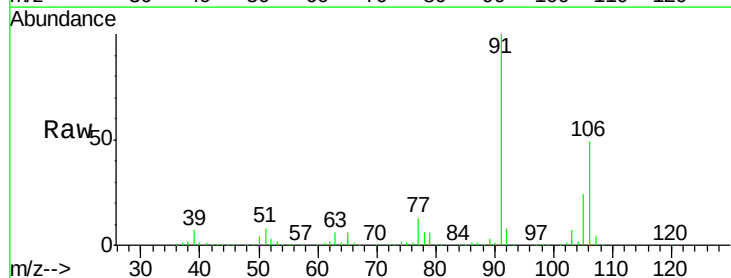
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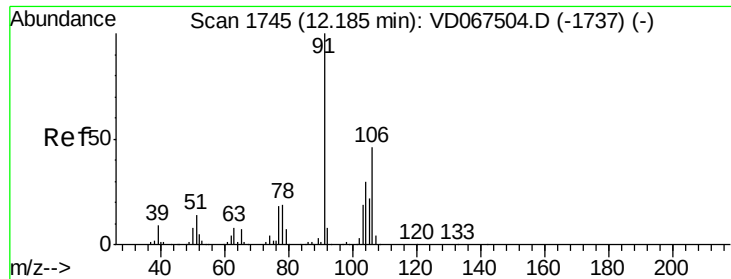
MMDadoda
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#68
m/p-Xylenes
Concen: 98.793 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 106 Resp: 646581
Ion Ratio Lower Upper
106 100
91 199.7 162.6 244.0





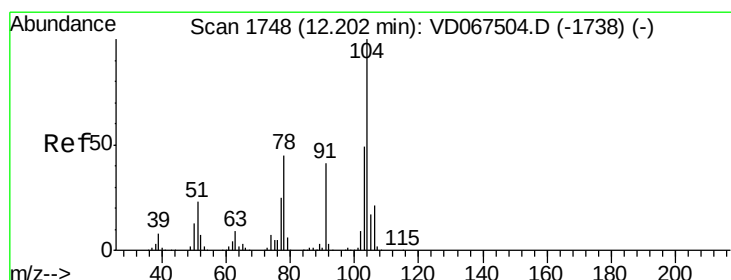
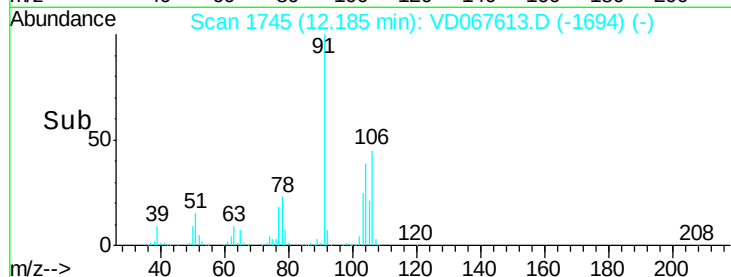
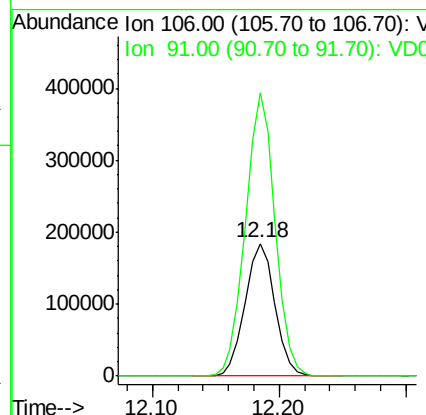
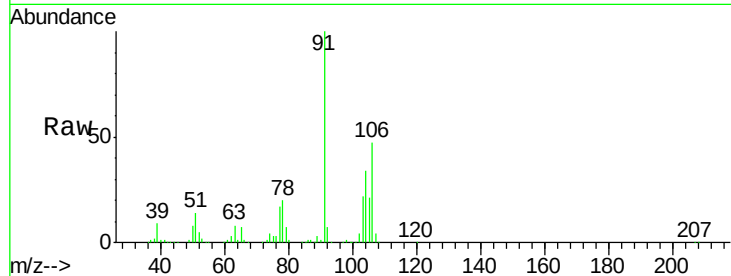
#69
o-Xylene
Concen: 51.581 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	210.9	107.1	321.1

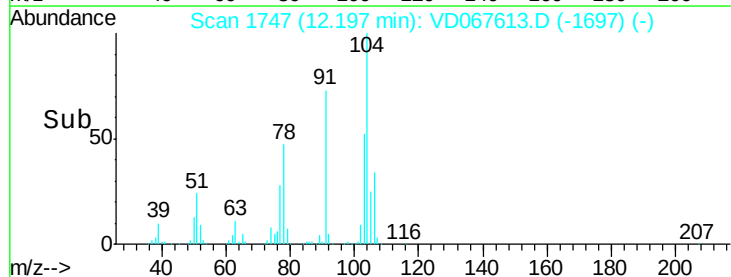
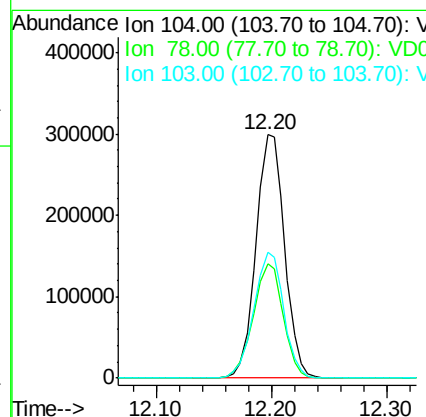
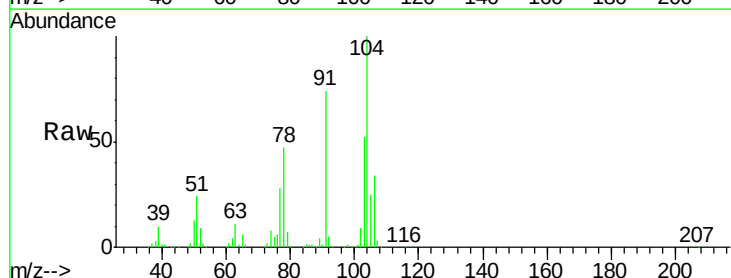
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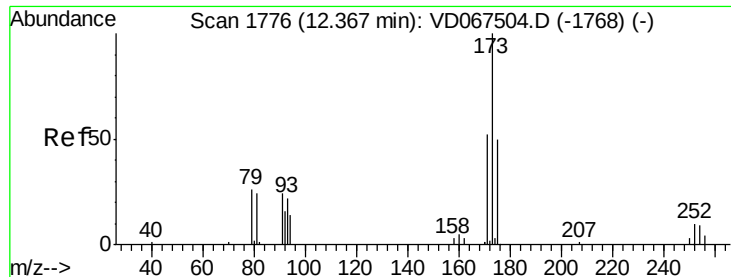
MMDadoda
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#70
Styrene
Concen: 50.902 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.5	39.8	59.8
103	103	54.1	43.9	65.9





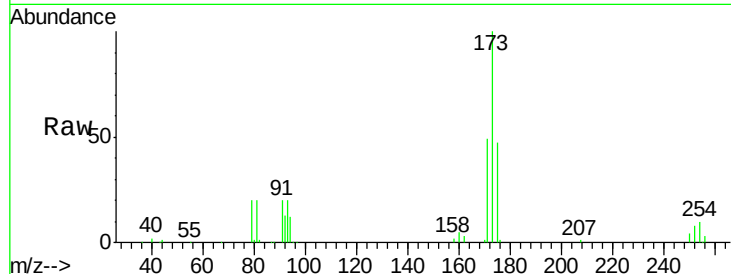
#71
Bromoform
Concen: 53.221 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

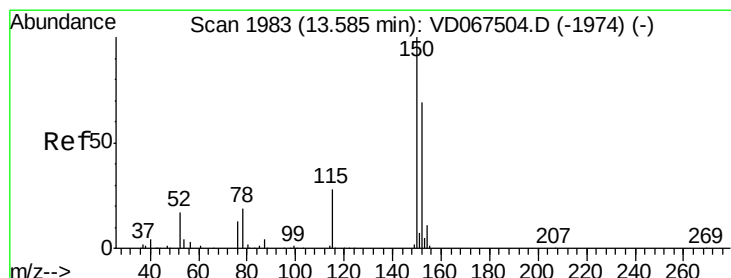
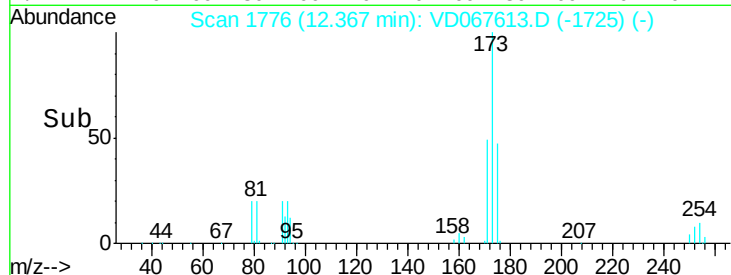
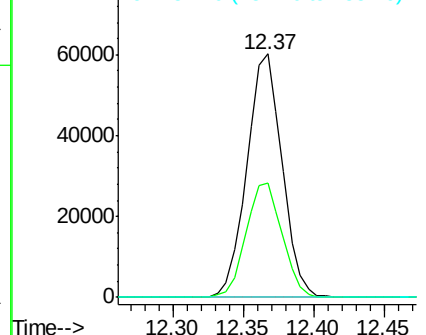
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.2
254	0.1	0.0	0.0#

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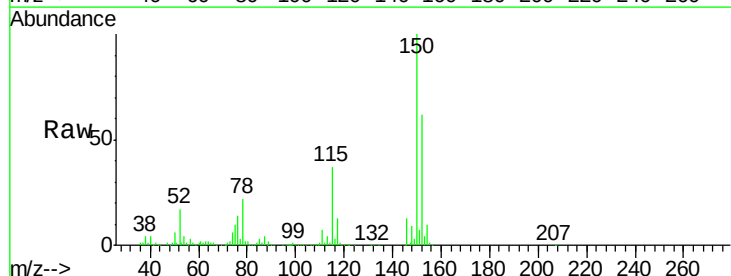


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

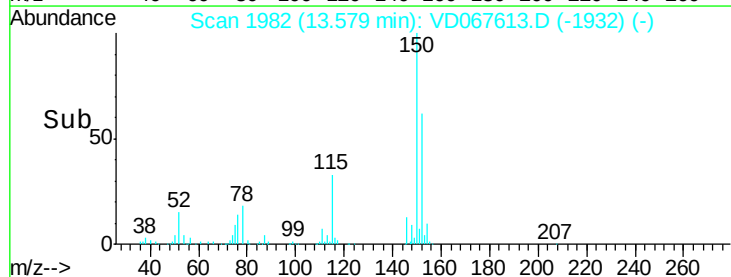
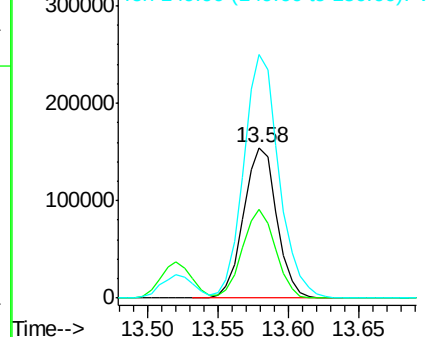


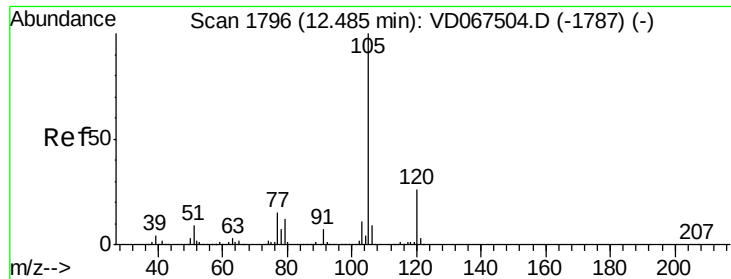
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	172.7	0.0	338.2



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





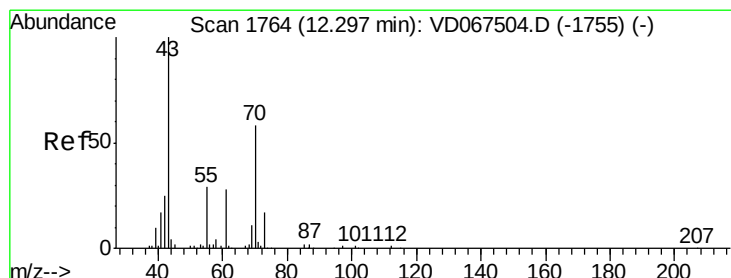
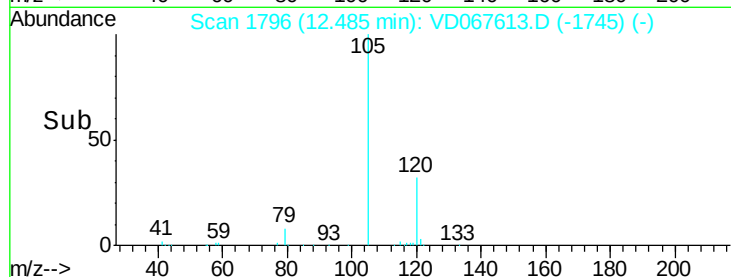
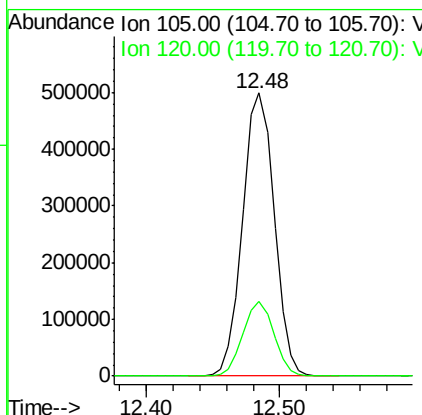
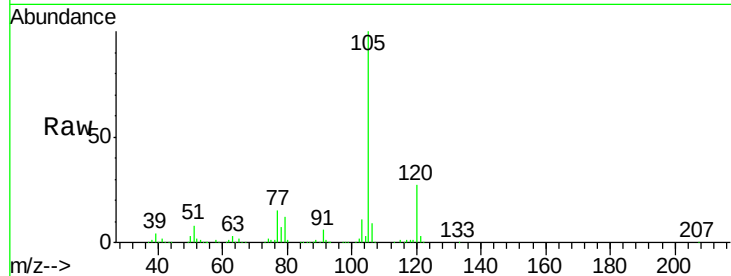
#73
Isopropylbenzene
Concen: 50.053 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

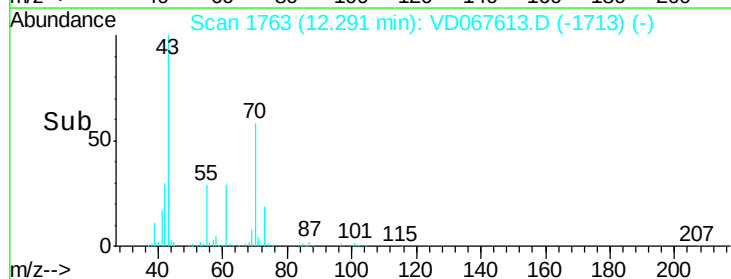
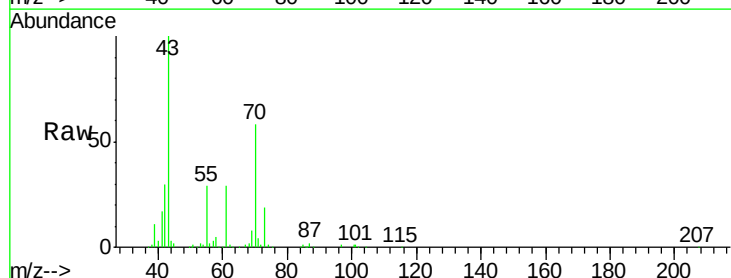
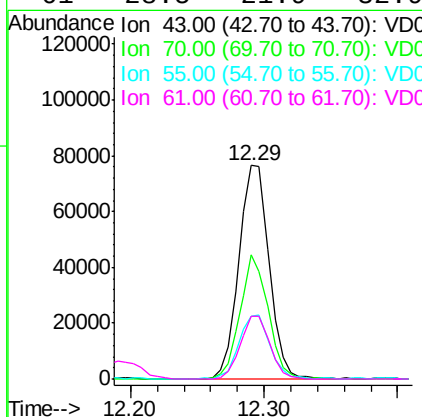
Manual Integrations
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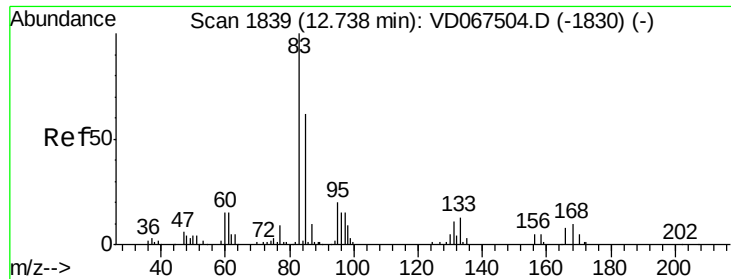
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#74
N-ethyl acetate
Concen: 55.658 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	53.7	42.6	64.0
55	30.8	23.7	35.5
61	28.5	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.254 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

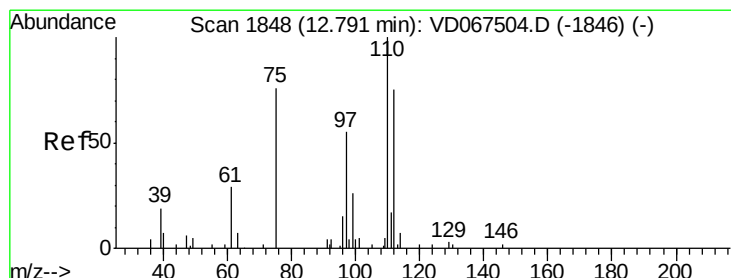
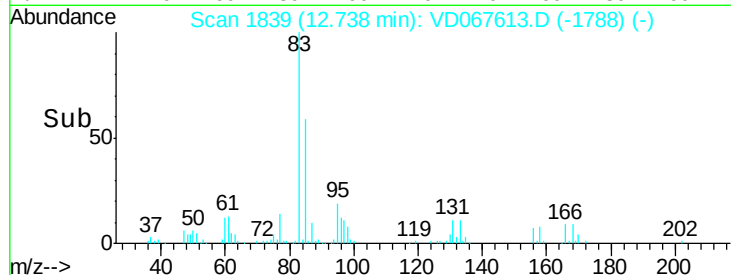
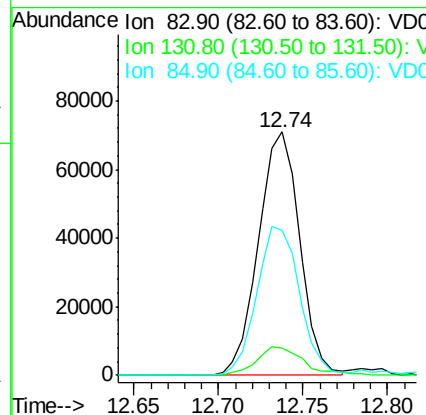
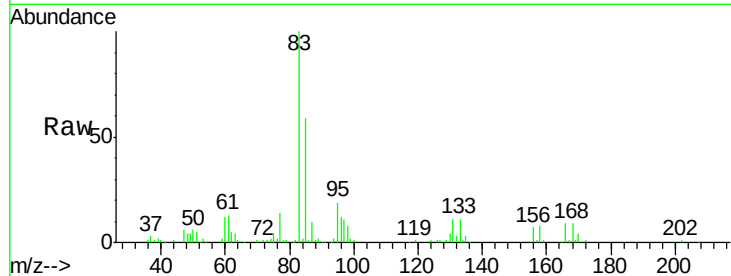
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	121069
Ion Ratio	Lower	Upper	
83	100		
131	13.3	7.1	21.3
85	63.3	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 46.453 ug/l m

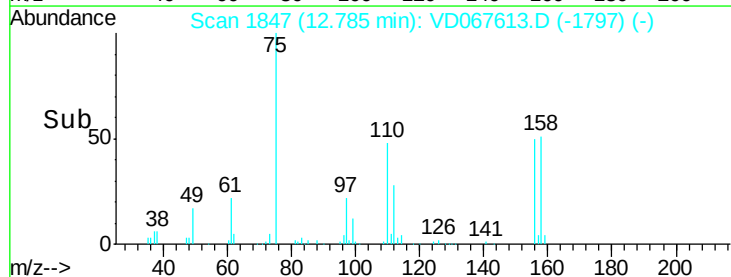
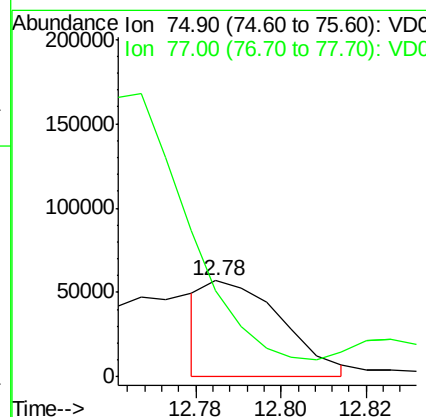
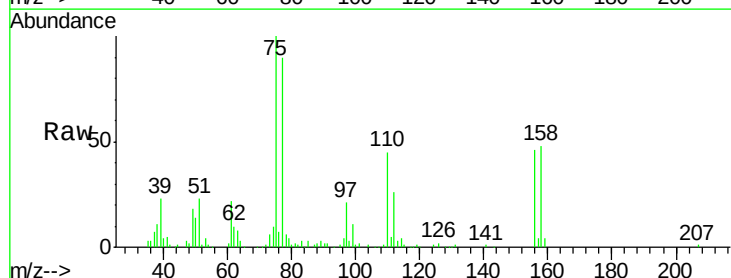
RT: 12.78 min Scan# 1847

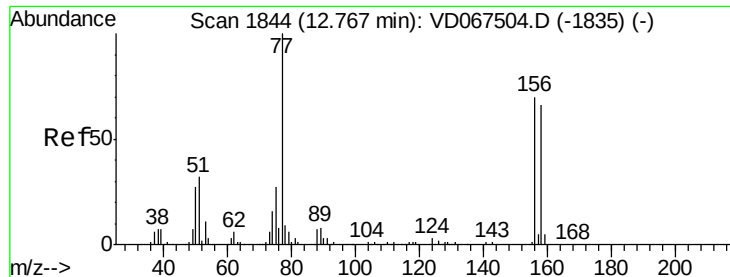
Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion:	75	Resp:	70959
Ion Ratio	Lower	Upper	
75	100		
77	448.9	0.0	0.0#





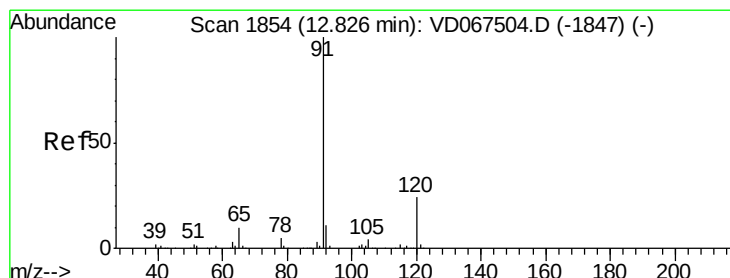
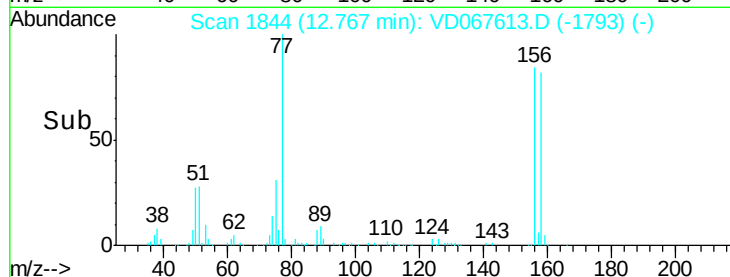
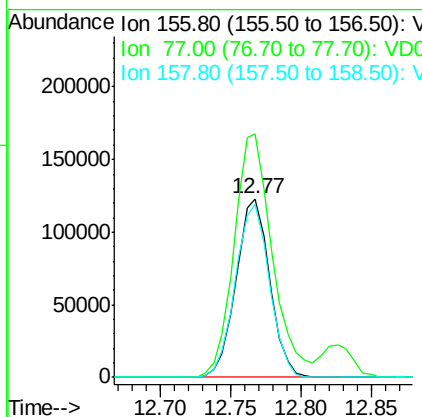
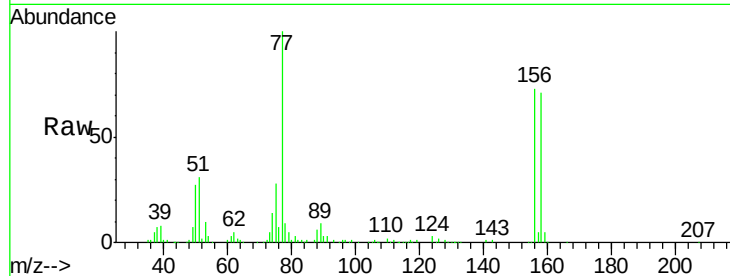
#77
Bromobenzene
Concen: 50.961 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.5	77.8	233.5
158	98.3	47.9	143.7

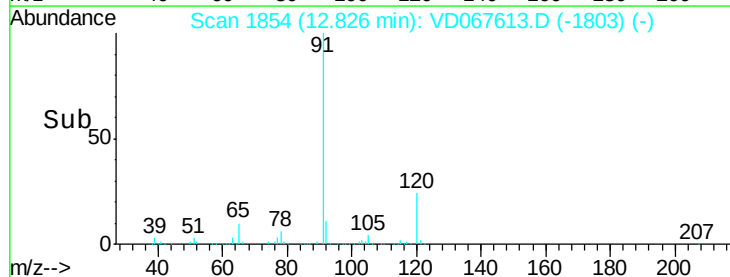
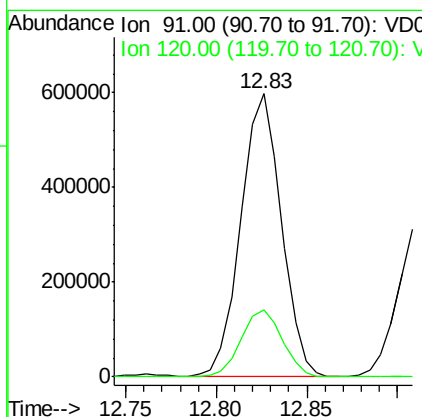
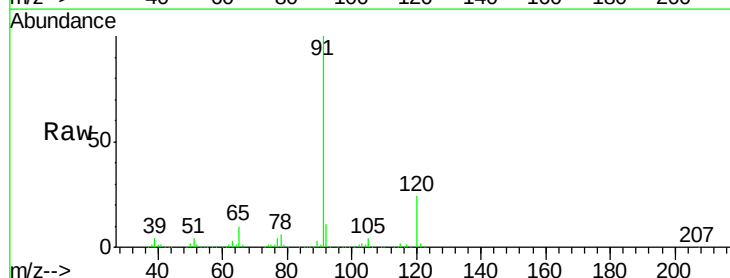
Manual Integrations
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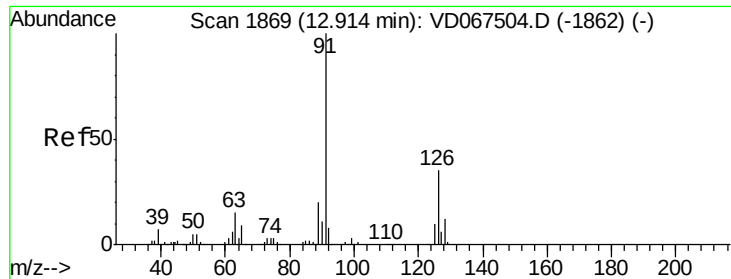
MMDadoda
11/12/2020 1:11:56 PM



#78
n-propylbenzene
Concen: 49.558 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





#79

2-Chlorotoluene

Concen: 51.113 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 543480

Ion Ratio Lower Upper

91 100

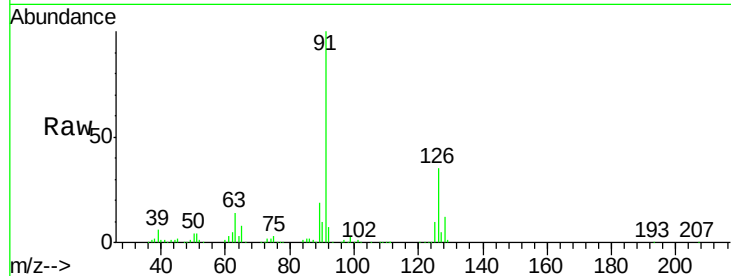
126 35.1 17.8 53.4

Manual Integrations

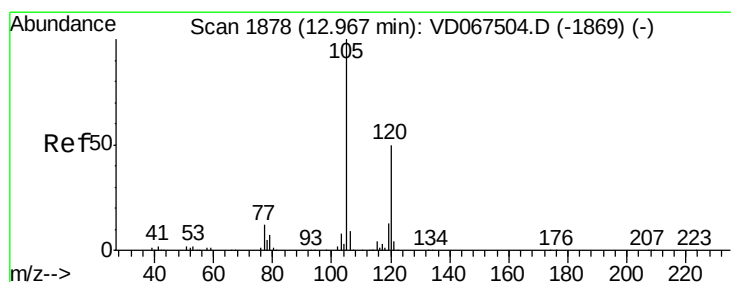
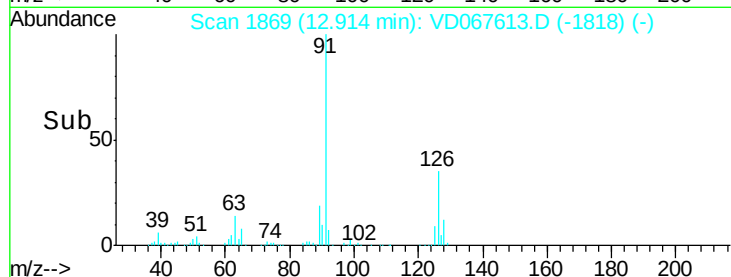
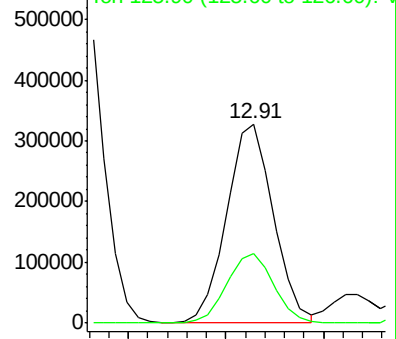
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.162 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067613.D

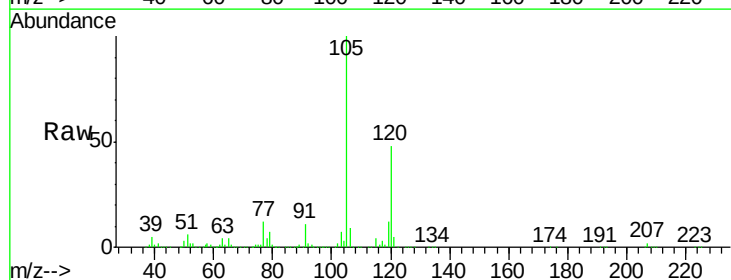
Acq: 11 Nov 2020 20:09

Tgt Ion: 105 Resp: 715221

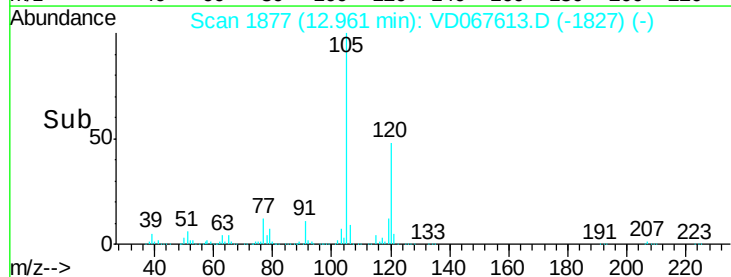
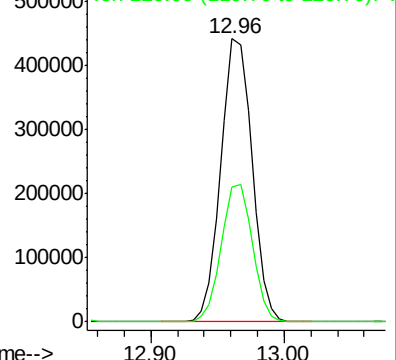
Ion Ratio Lower Upper

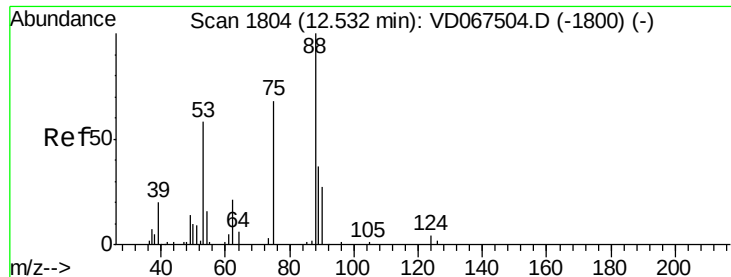
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.697 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 38896

Ion Ratio Lower Upper

75 100

53 89.6 75.9 113.9

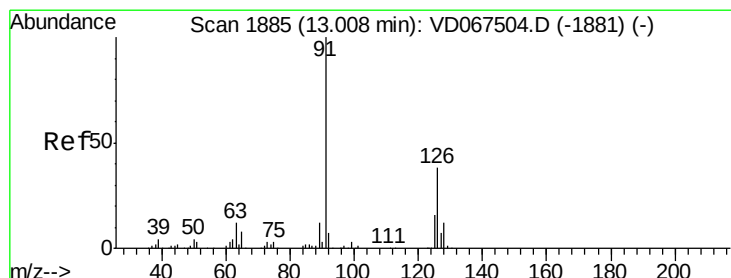
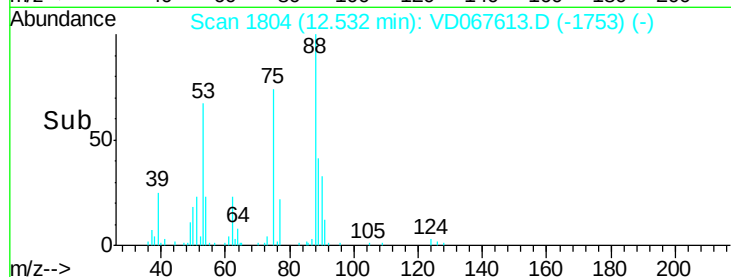
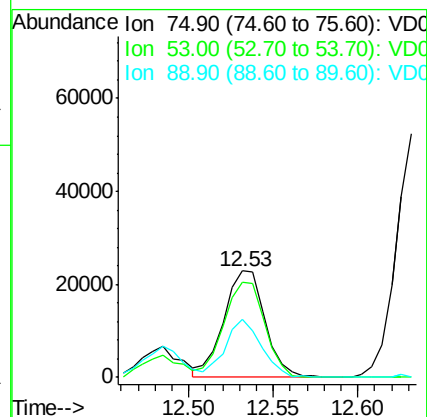
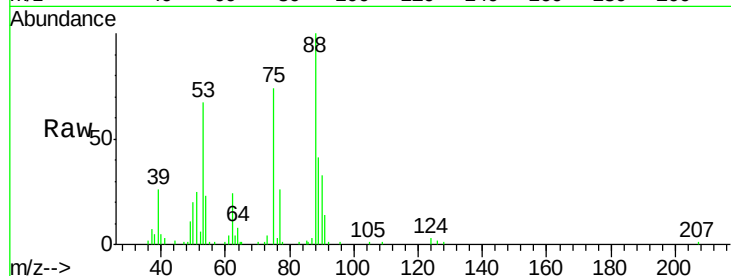
89 47.8 44.6 67.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 50.304 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067613.D

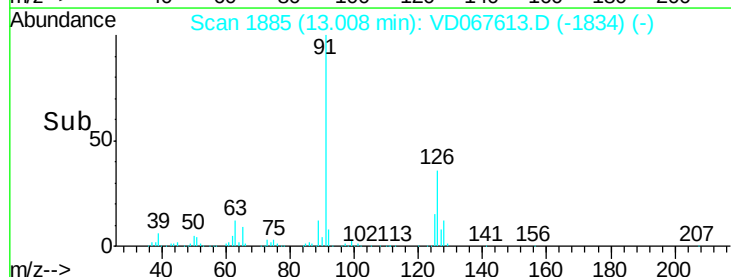
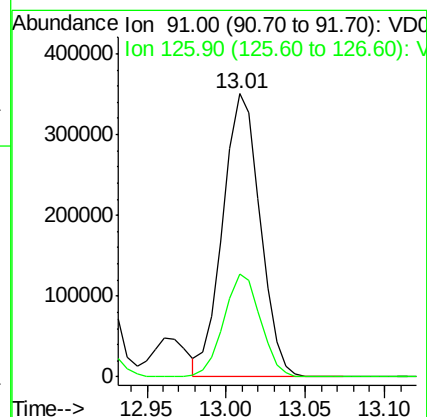
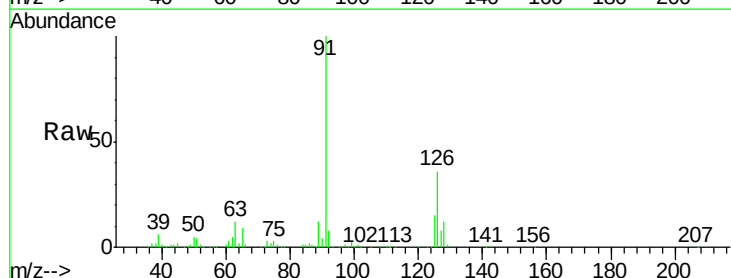
Acq: 11 Nov 2020 20:09

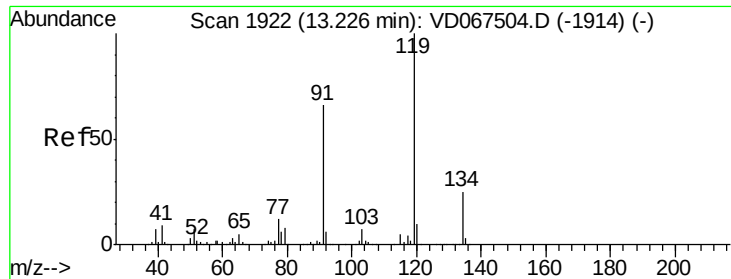
Tgt Ion: 91 Resp: 573660

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7





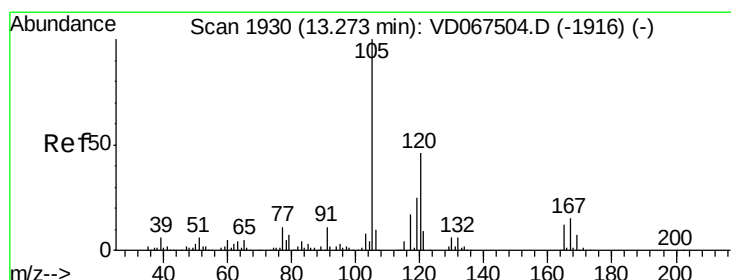
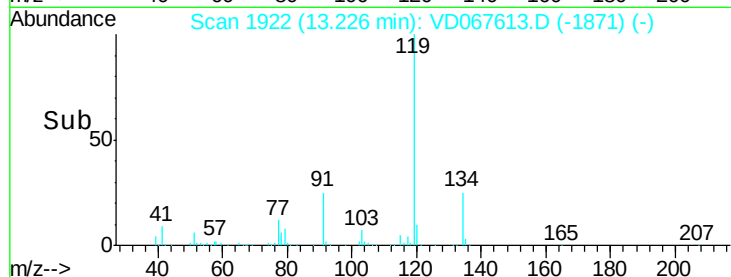
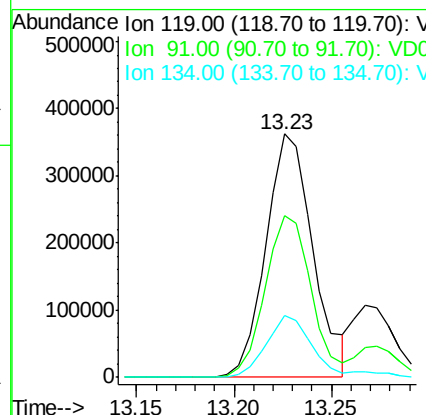
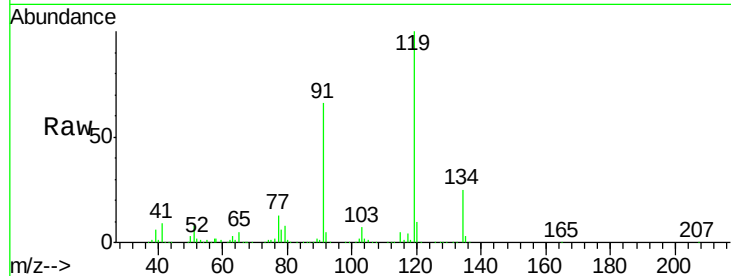
#83
 tert-Butylbenzene
 Concen: 51.153 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.7	98.1
134	26.0	13.4	40.2

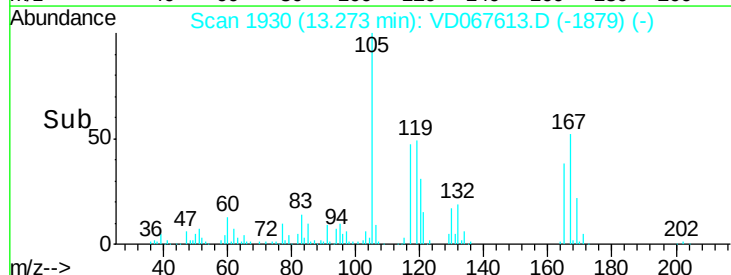
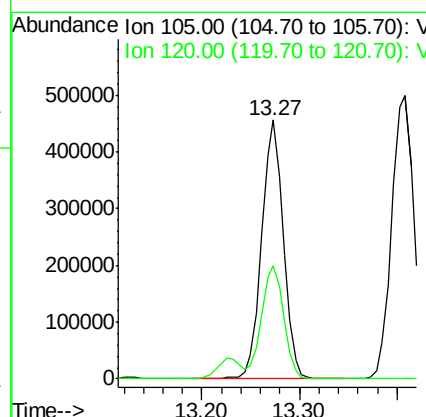
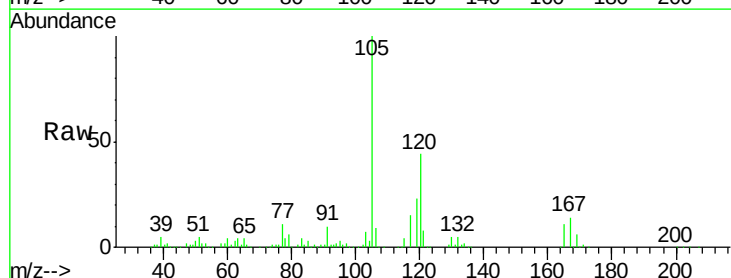
Manual Integrations
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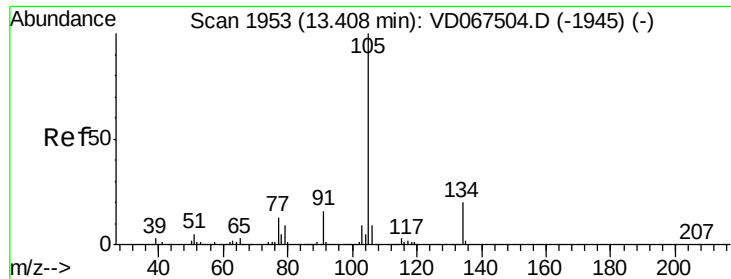
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.013 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.1





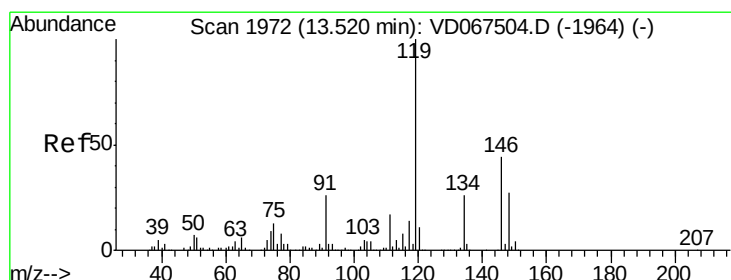
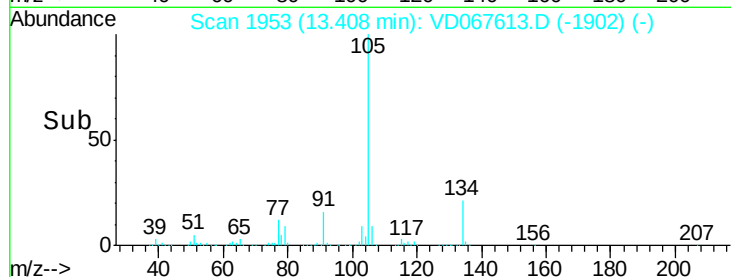
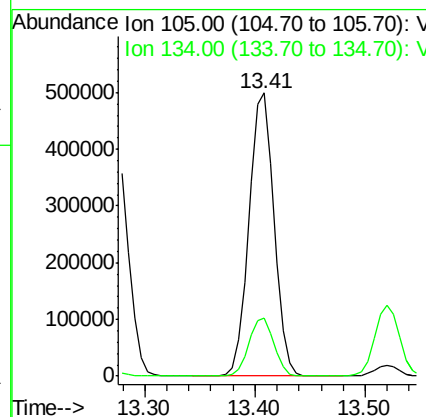
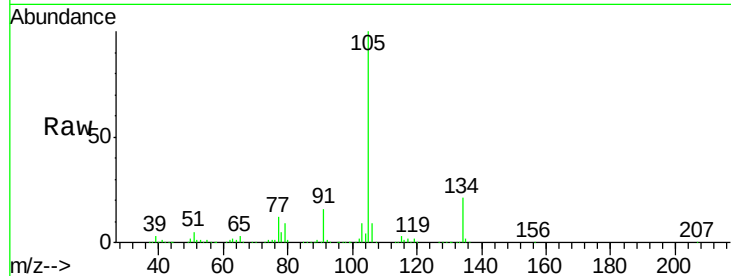
#85
 sec-Butylbenzene
 Concen: 49.877 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.4

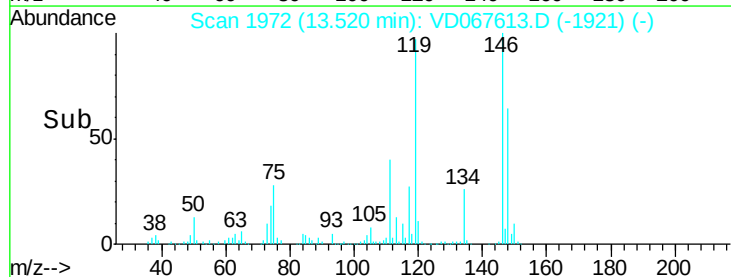
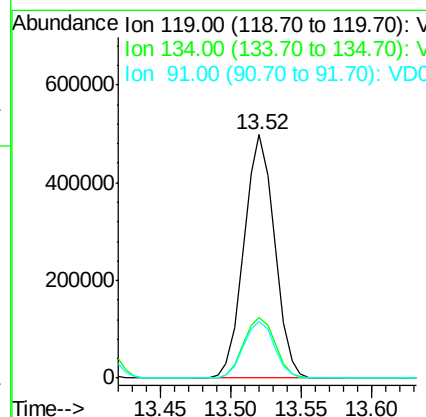
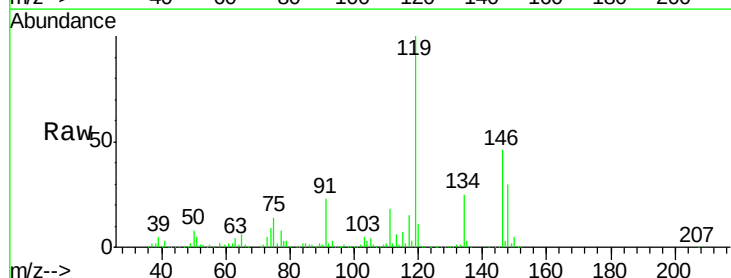
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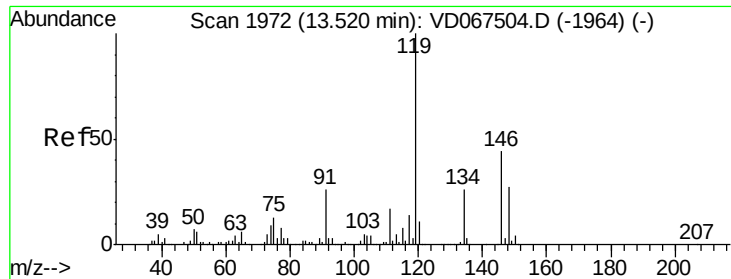
MMDadoda
 11/12/2020 1:11:56 PM



#86
 p-Isopropyltoluene
 Concen: 49.010 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	23.5	12.2	36.4





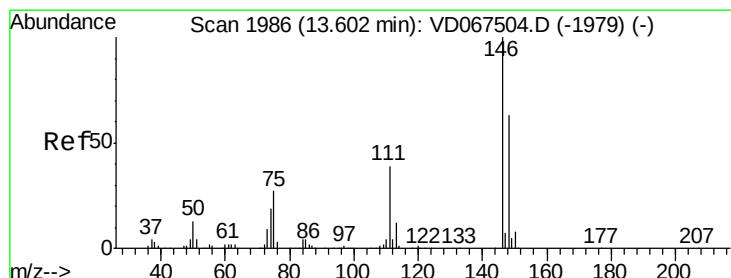
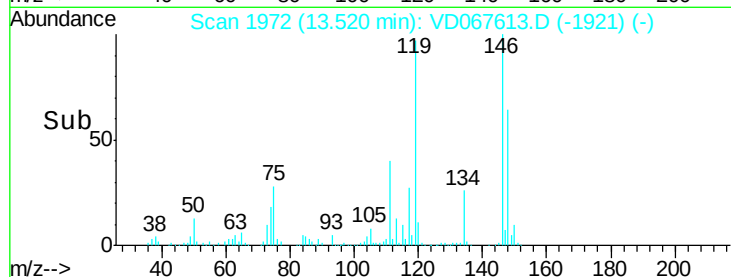
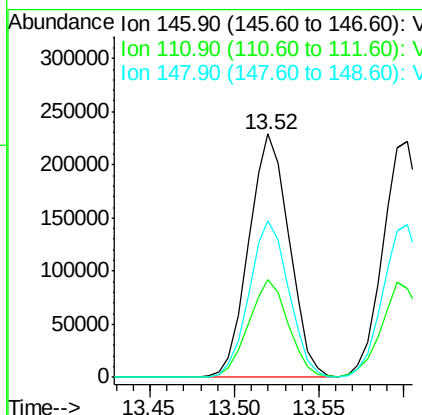
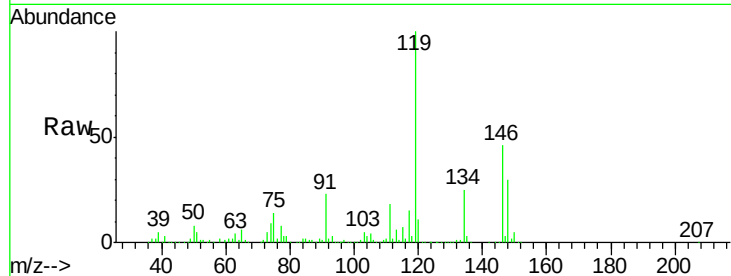
#87
 1,3-Dichlorobenzene
 Concen: 49.549 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	63.4	31.9	95.9

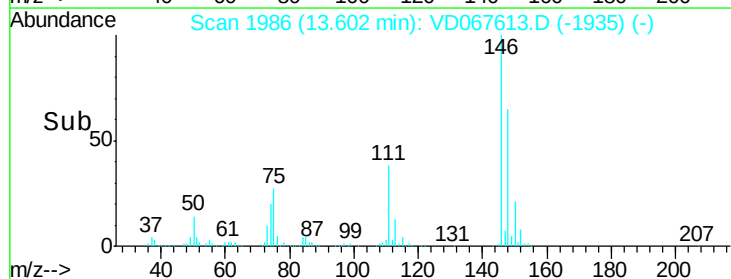
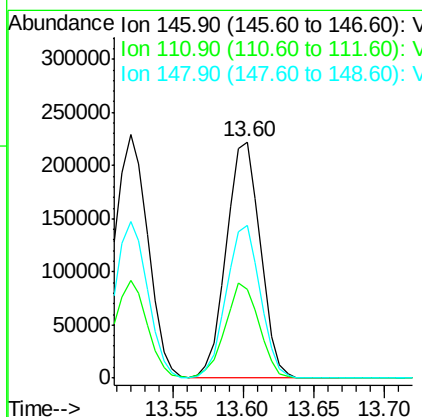
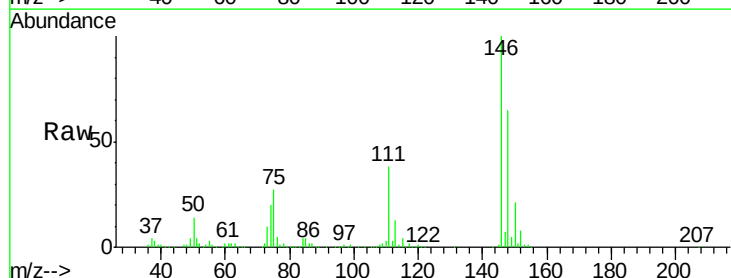
Manual Integrations
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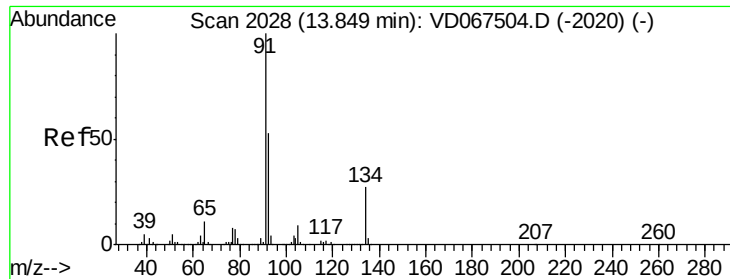
MMDadoda
 11/12/2020 1:11:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.975 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	65.0	31.8	95.4





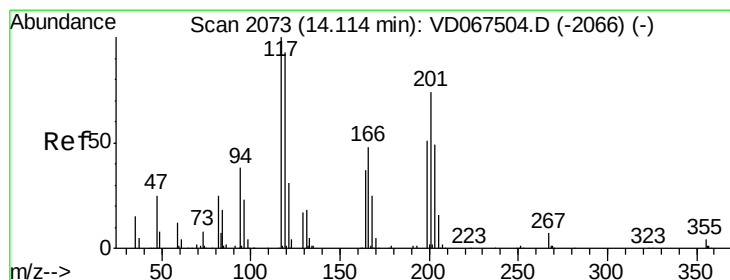
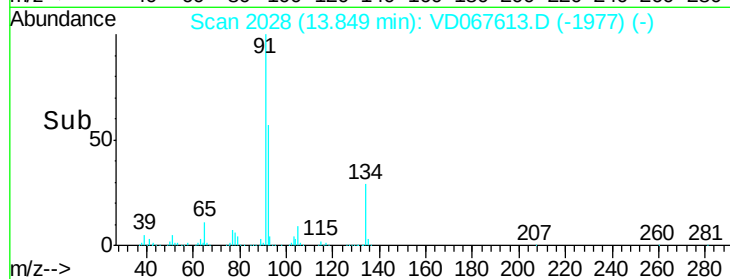
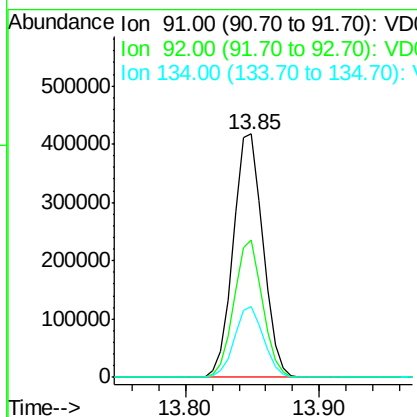
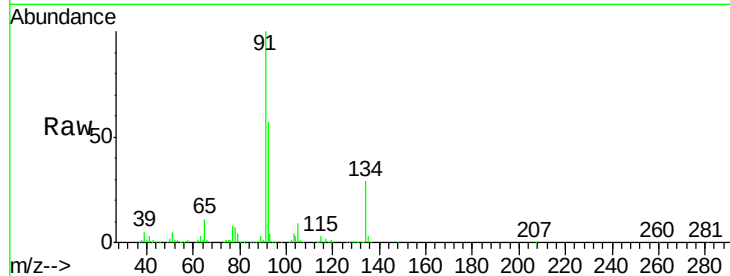
#89
n-Butylbenzene
Concen: 48.501 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	28.5	14.1	42.2

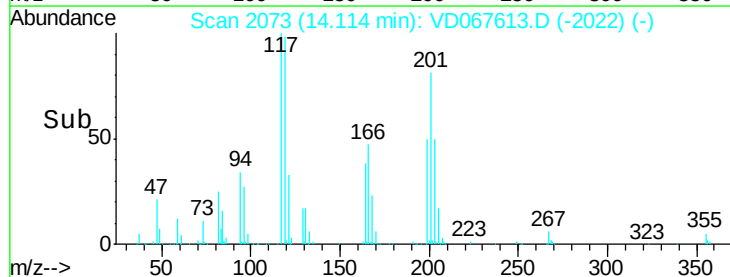
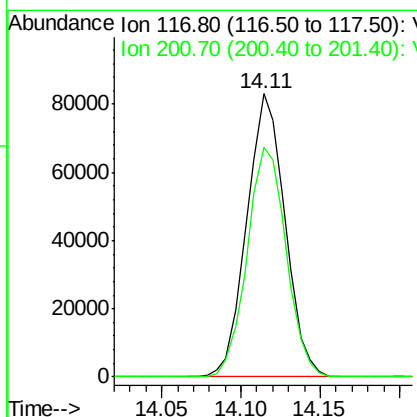
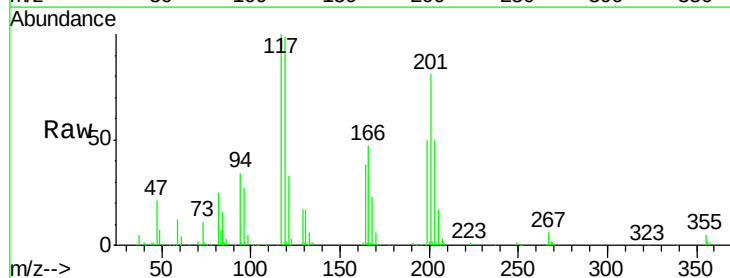
Manual Integrations
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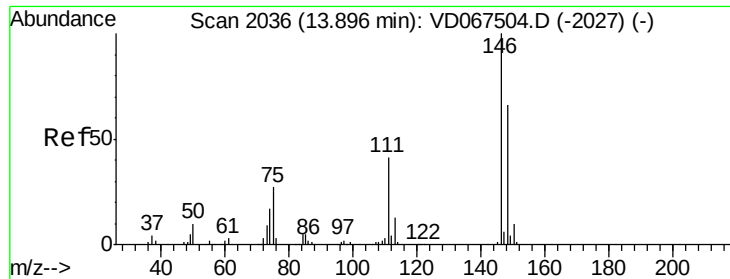
MMDadoda
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#90
Hexachloroethane
Concen: 47.891 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	40.7	122.1





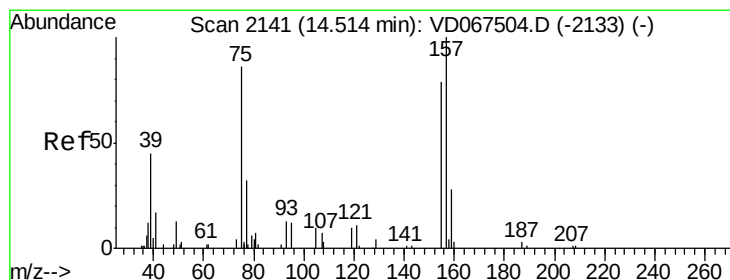
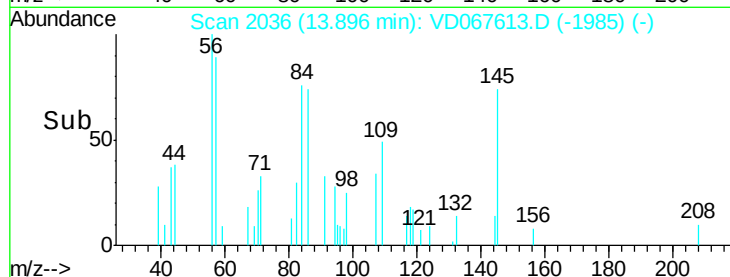
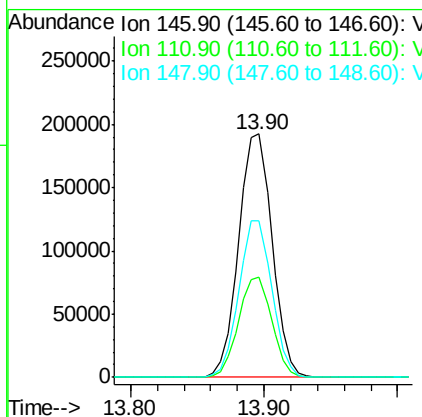
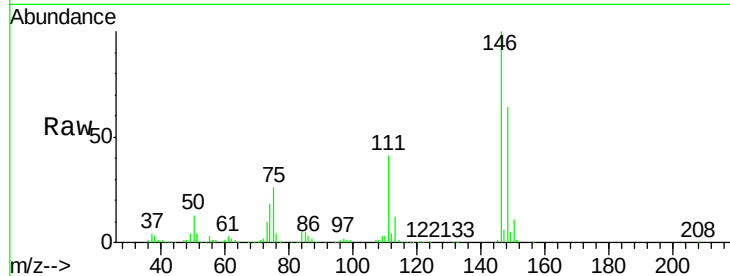
#91
 1,2-Dichlorobenzene
 Concen: 50.412 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	63.3	31.5	94.5

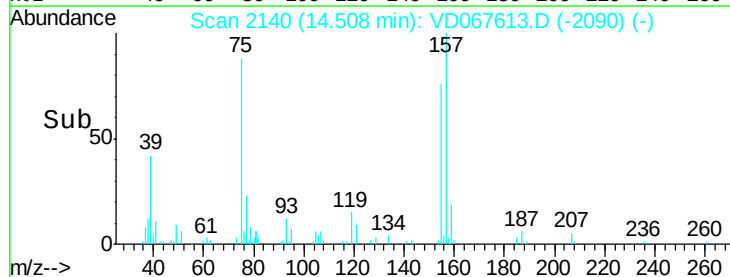
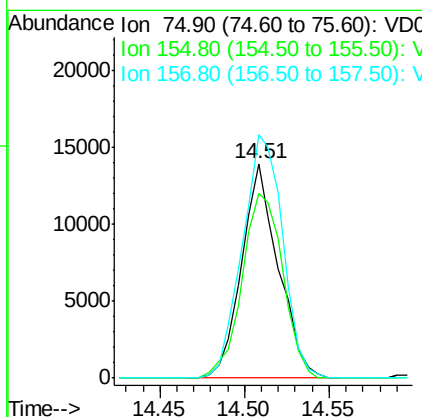
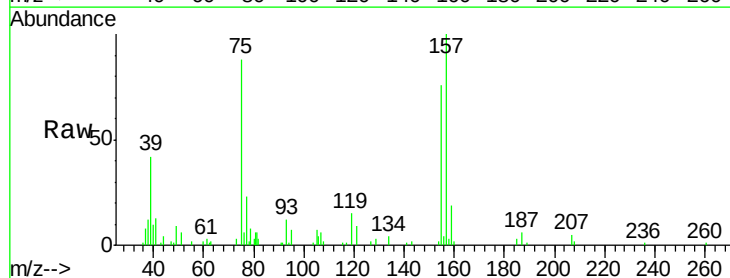
Manual Integrations
 APPROVED

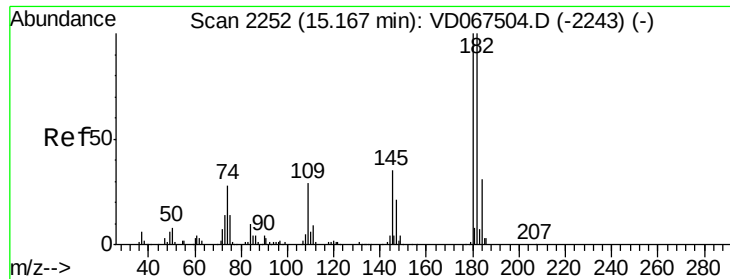
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 11/12/2020 1:11:56 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.333 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	46.6	139.8
157	125.0	58.1	174.2





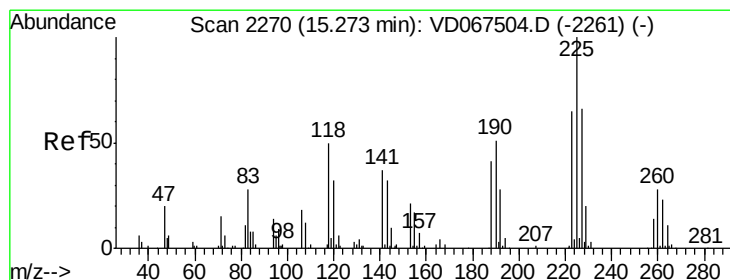
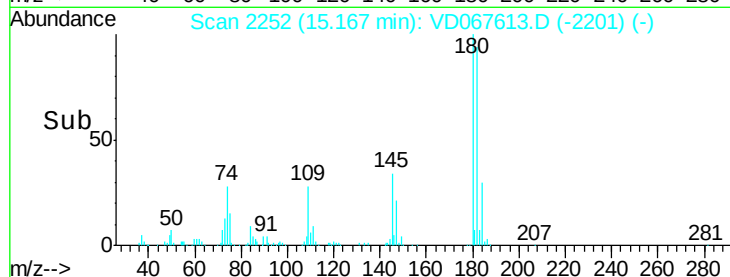
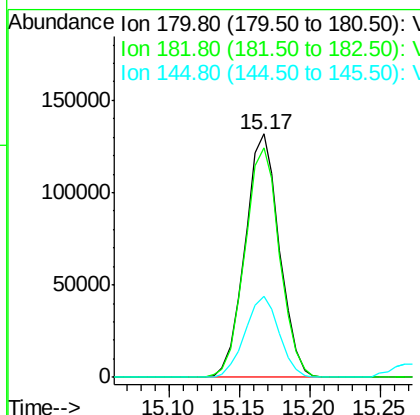
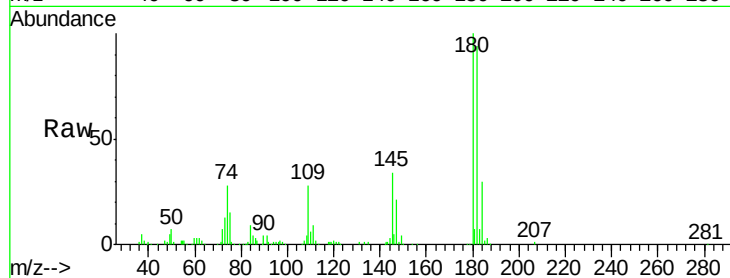
#93
 1,2,4-Trichlorobenzene
 Concen: 49.745 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	224087		
182	95.6	47.4	142.3	
145	33.2	16.2	48.6	

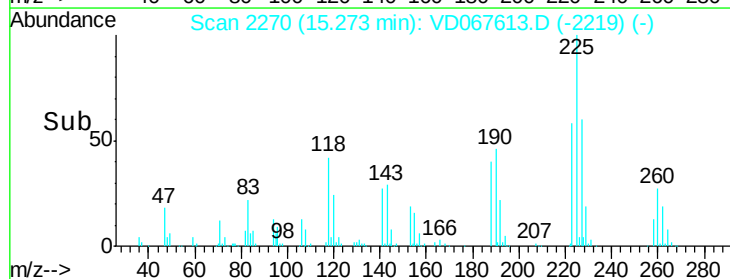
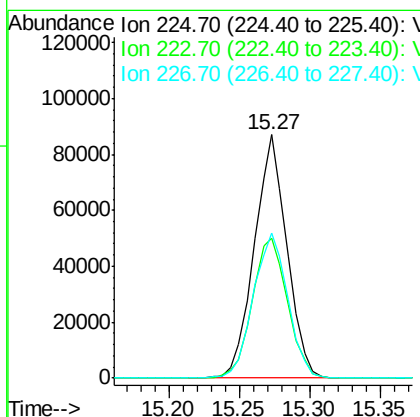
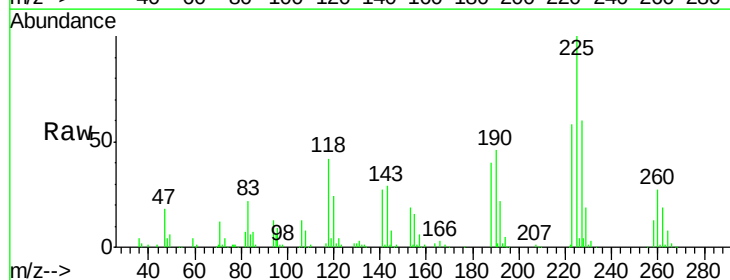
Manual Integrations
 APPROVED

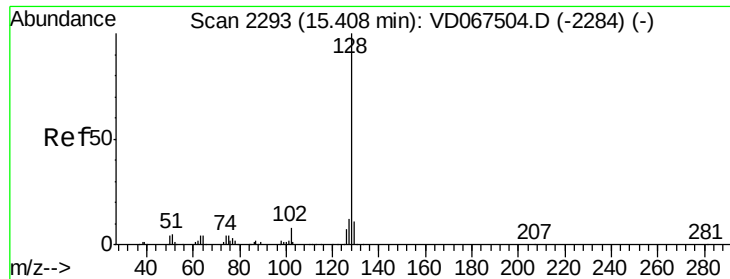
MMDadoda
 11/12/2020 1:11:56 PM



#94
 Hexachlorobutadiene
 Concen: 46.821 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141161		
223	62.3	31.9	95.5	
227	62.9	32.5	97.4	





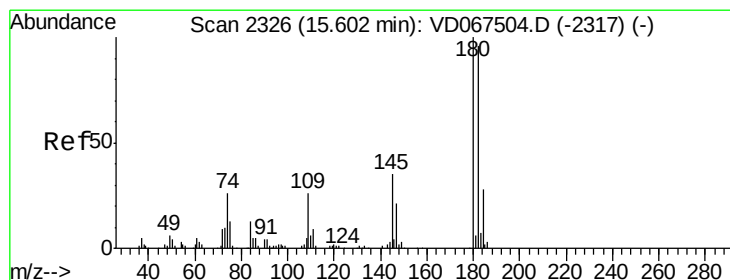
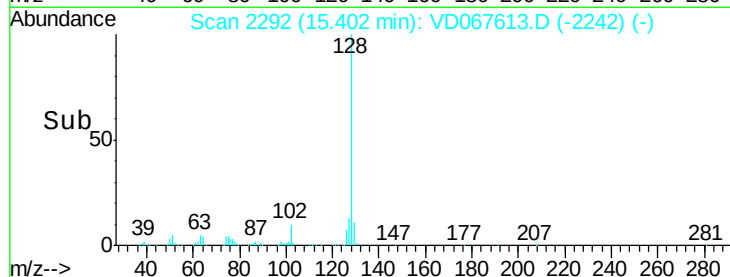
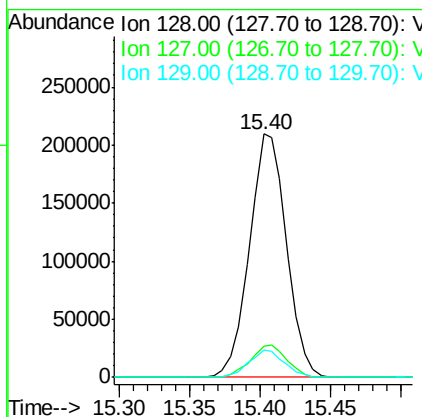
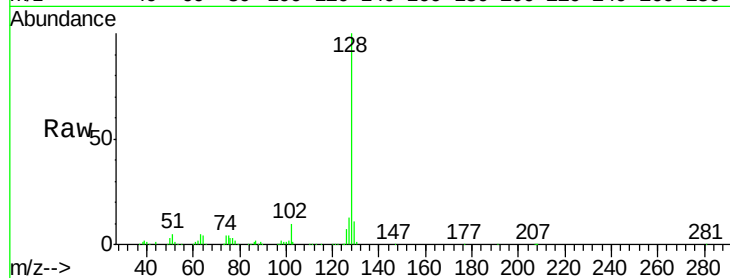
#95
Naphthalene
Concen: 55.368 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	384915		
127	13.1		10.2	15.4
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/12/2020 1:11:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.089 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197079		
182	95.2		46.9	140.8
145	34.2		17.1	51.2

