

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065851.D
 Acq On : 23 Jun 2020 10:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:32 AM

Quant Time: Jun 24 05:33:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	209876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	325550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	294989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	151439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	104369	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.91	113	105518	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.34	98	396416	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.64	95	133252	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62179	43.540	ug/l	99
3) Chloromethane	2.21	50	106214	44.554	ug/l	98
4) Vinyl Chloride	2.35	62	134949	43.582	ug/l	99
5) Bromomethane	2.77	94	91630	42.314	ug/l	93
6) Chloroethane	2.92	64	92424	44.144	ug/l	97
7) Trichlorofluoromethane	3.27	101	161709	46.094	ug/l	98
8) Diethyl Ether	3.70	74	41103	44.563	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	96741	46.245	ug/l	98
10) Methyl Iodide	4.30	142	95594	46.927	ug/l	97
11) Tert butyl alcohol	5.21	59	27236	231.695	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	87809	46.055	ug/l	96
13) Acrolein	3.92	56	26142	224.424	ug/l	100
14) Allyl chloride	4.71	41	148137	47.009	ug/l	98
15) Acrylonitrile	5.41	53	94457	225.477	ug/l	99
16) Acetone	4.15	43	116837	298.666	ug/l	95
17) Carbon Disulfide	4.40	76	273492	42.738	ug/l	99
18) Methyl Acetate	4.71	43	41151	46.374	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	200531	46.434	ug/l	96
20) Methylene Chloride	4.96	84	100156	48.034	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	103628	46.410	ug/l	99
22) Diisopropyl ether	6.36	45	307113	48.234	ug/l	96
23) Vinyl Acetate	6.30	43	865535	240.729	ug/l	98
24) 1,1-Dichloroethane	6.26	63	183418	47.278	ug/l	99
25) 2-Butanone	7.21	43	126699	234.513	ug/l	93
26) 2,2-Dichloropropane	7.20	77	171148	49.754	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	114094	47.502	ug/l	99
28) Bromochloromethane	7.54	49	77847	51.955	ug/l	95
29) Tetrahydrofuran	7.56	42	76284	223.407	ug/l	99
30) Chloroform	7.71	83	188667	46.918	ug/l	100
31) Cyclohexane	7.98	56	166137	44.670	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	175186	47.379	ug/l	97
36) 1,1-Dichloropropene	8.11	75	147190	47.198	ug/l	99
37) Ethyl Acetate	7.29	43	55241	44.971	ug/l	97
38) Carbon Tetrachloride	8.09	117	159730	48.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	178762	48.415	ug/l	98
40) Benzene	8.35	78	406934	47.731	ug/l	95
41) Methacrylonitrile	7.53	41	36455m	49.842	ug/l	
42) 1,2-Dichloroethane	8.42	62	116293	45.208	ug/l	99
43) Isopropyl Acetate	8.45	43	109756	44.934	ug/l	99
44) Trichloroethene	9.11	130	114714	48.350	ug/l	98
45) 1,2-Dichloropropane	9.39	63	99370	46.387	ug/l	100
46) Dibromomethane	9.47	93	52866	45.503	ug/l	99
47) Bromodichloromethane	9.66	83	144052	46.270	ug/l	99
48) Methyl methacrylate	9.46	41	54640	46.214	ug/l	97
49) 1,4-Dioxane	9.46	88	10657	861.797	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	278708	232.858	ug/l	99
52) Toluene	10.40	92	264960	47.831	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	137660	48.829	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	159454	47.890	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	72684	46.822	ug/l	96
56) Ethyl methacrylate	10.66	69	87694	48.028	ug/l	97
57) 1,3-Dichloropropane	10.95	76	126014	46.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	225813	266.010	ug/l	98
59) 2-Hexanone	10.98	43	204870	253.885	ug/l	100
60) Dibromochloromethane	11.14	129	98994	47.206	ug/l	98
61) 1,2-Dibromoethane	11.24	107	71127	46.623	ug/l	97
64) Tetrachloroethene	10.88	164	93314	46.780	ug/l	90
65) Chlorobenzene	11.67	112	279551	48.543	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	107121	49.902	ug/l	99
67) Ethyl Benzene	11.75	91	523776	50.912	ug/l	98
68) m/p-Xylenes	11.86	106	401800	101.395	ug/l	99
69) o-Xylene	12.18	106	184380	51.605	ug/l	99
70) Styrene	12.20	104	318687	51.524	ug/l	99
71) Bromoform	12.36	173	56013	47.384	ug/l #	100
73) Isopropylbenzene	12.48	105	510398	50.268	ug/l	99
74) N-amyl acetate	12.29	43	103569	45.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	80173	46.755	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	57477m	48.802	ug/l	
77) Bromobenzene	12.77	156	117034	48.717	ug/l	99
78) n-propylbenzene	12.83	91	611769	50.055	ug/l	99
79) 2-Chlorotoluene	12.91	91	332114	49.534	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	426938	50.529	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25728	47.198	ug/l	96
82) 4-Chlorotoluene	13.01	91	355538	49.403	ug/l	99
83) tert-Butylbenzene	13.23	119	374018	51.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	425735	50.340	ug/l	100
85) sec-Butylbenzene	13.41	105	527778	51.728	ug/l	99
86) p-Isopropyltoluene	13.52	119	484222	51.780	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	232298	49.042	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	225905	47.944	ug/l	99
89) n-Butylbenzene	13.85	91	461267	51.718	ug/l	99
90) Hexachloroethane	14.12	117	94800	50.645	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	197963	48.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12308	43.129	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	134542	48.541	ug/l	99
94) Hexachlorobutadiene	15.27	225	81610	48.707	ug/l	99
95) Naphthalene	15.41	128	219157	46.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	114394	47.920	ug/l	99

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

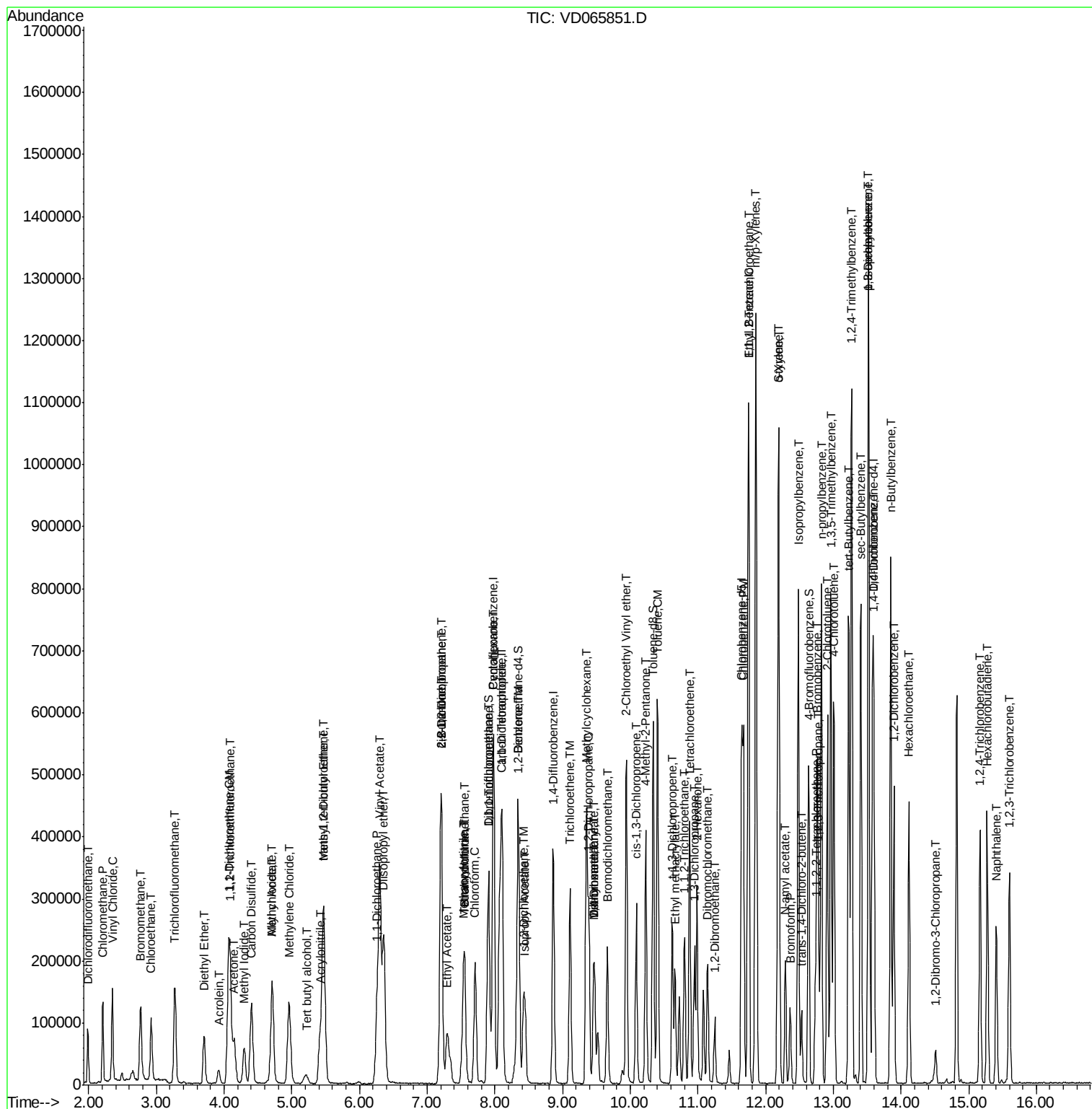
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Data File : VD065851.D
Acq On : 23 Jun 2020 10:45
Operator : VA/SY
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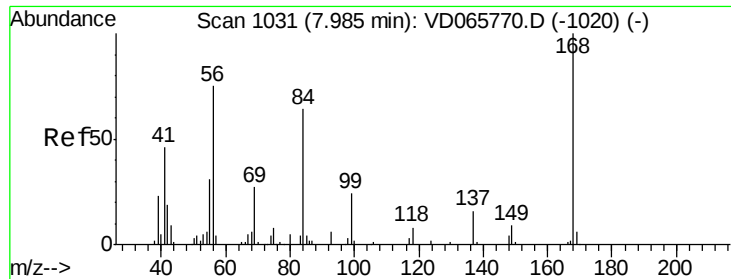
Instrument :
MSVOA_D
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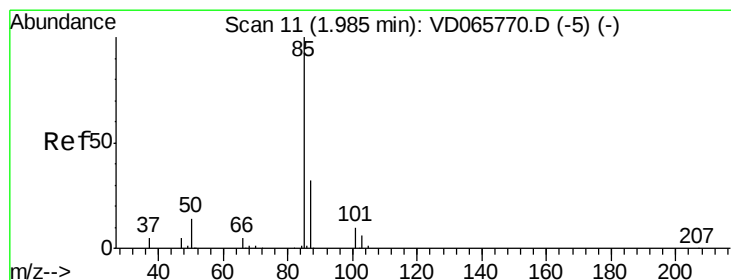
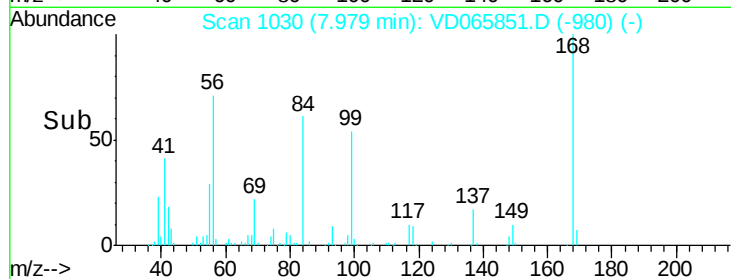
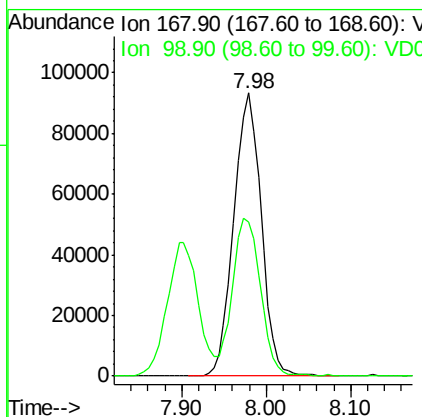
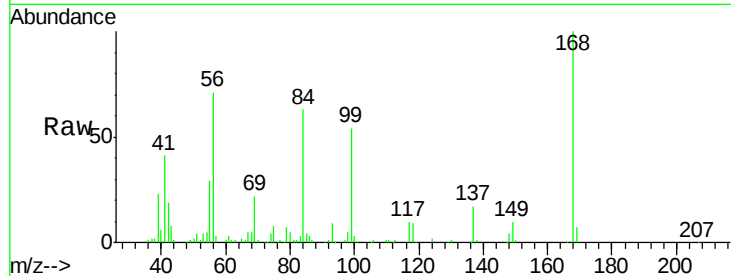
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 209876
Ion Ratio Lower Upper
168 100
99 54.4 45.3 67.9

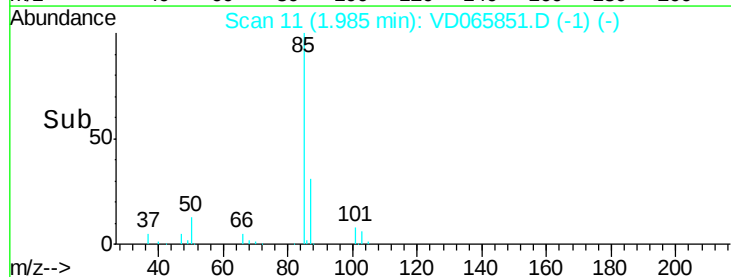
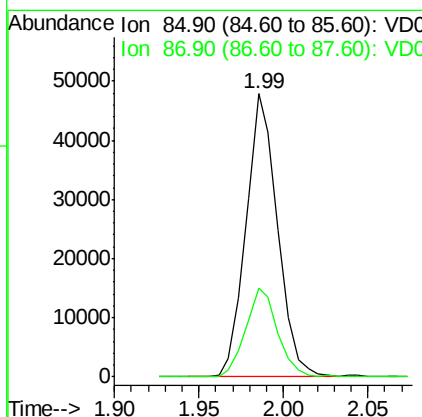
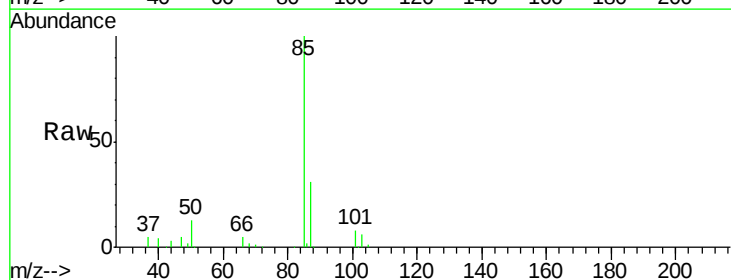
Manual Integrations
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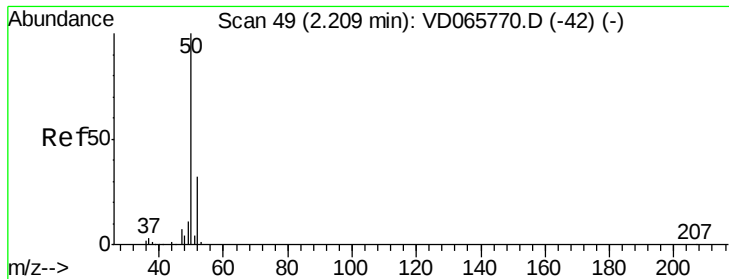
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#2
Dichlorodifluoromethane
Concen: 43.540 ug/l
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 85 Resp: 62179
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.5





#3

Chloromethane

Concen: 44.554 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 106214

Ion Ratio Lower Upper

50 100

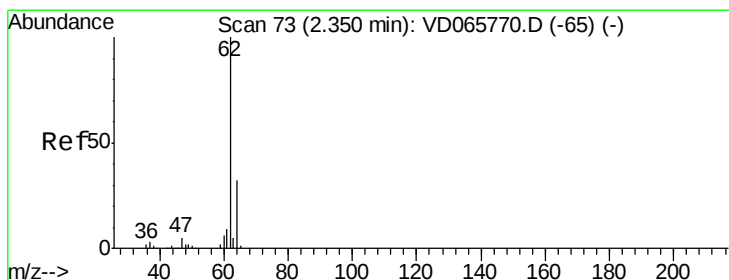
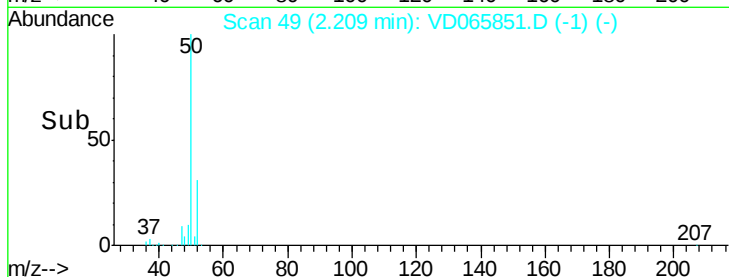
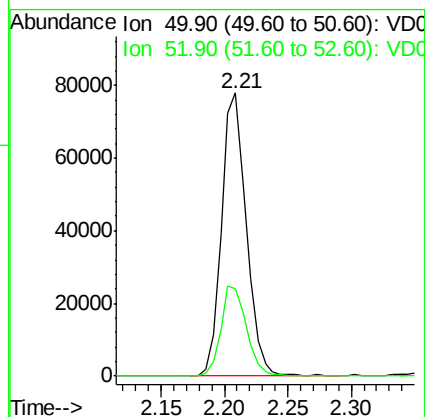
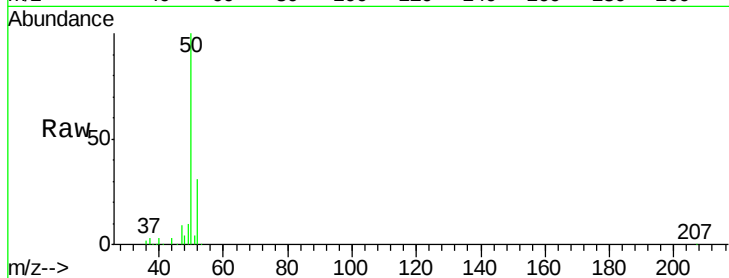
52 30.8 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.582 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065851.D

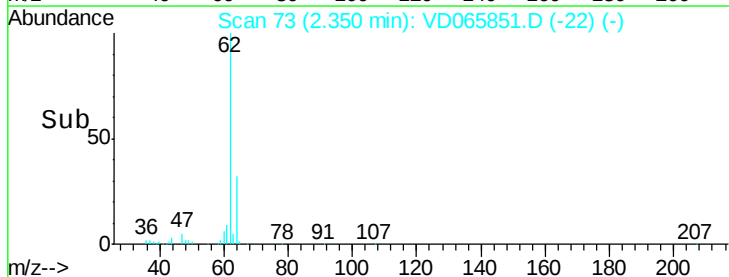
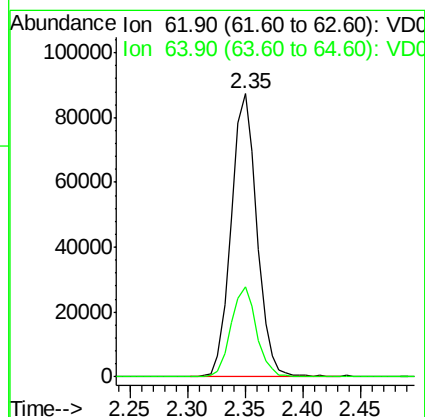
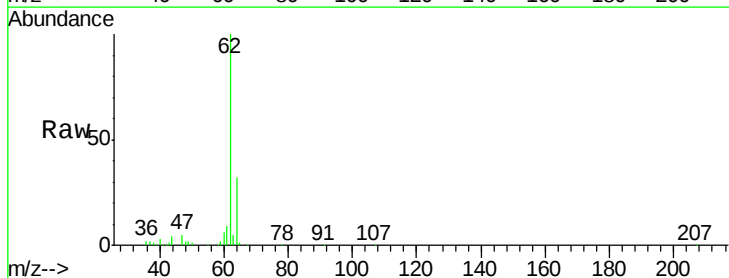
Acq: 23 Jun 2020 10:45

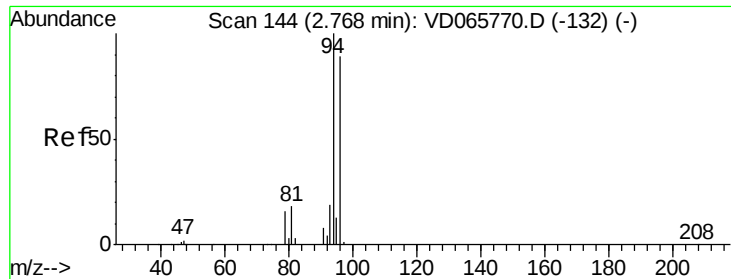
Tgt Ion: 62 Resp: 134949

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 42.314 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 91630

Ion Ratio Lower Upper

94 100

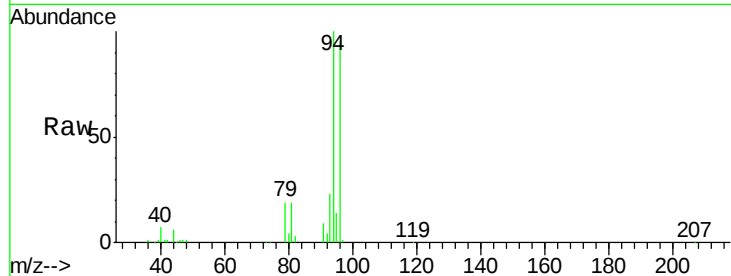
96 95.4 71.4 107.0

Manual Integrations

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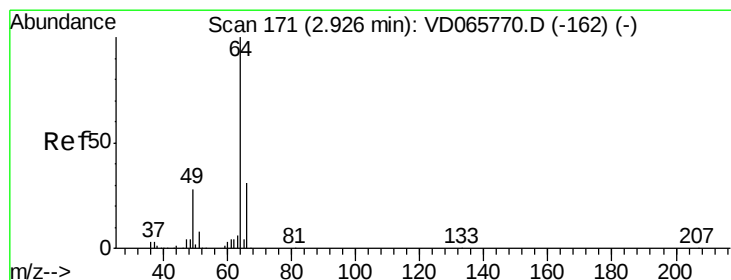
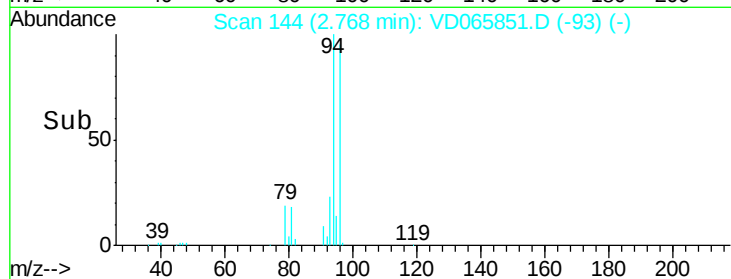
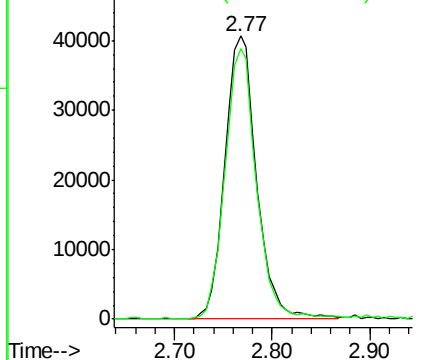
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.144 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065851.D

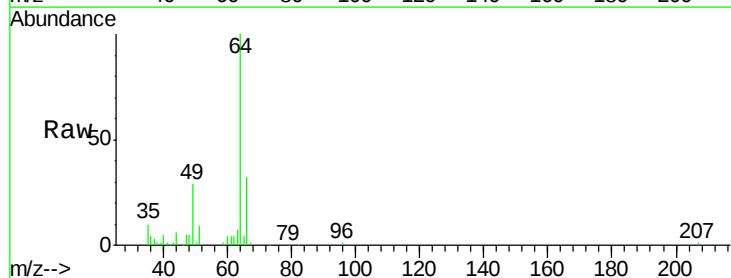
Acq: 23 Jun 2020 10:45

Tgt Ion: 64 Resp: 92424

Ion Ratio Lower Upper

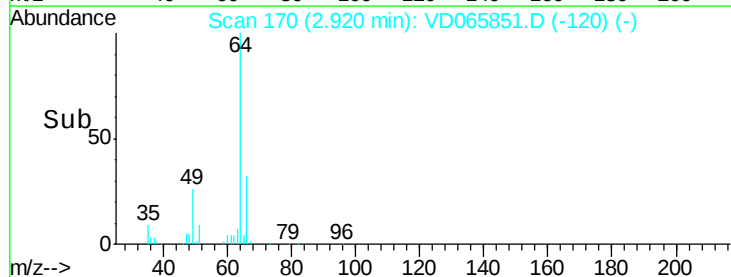
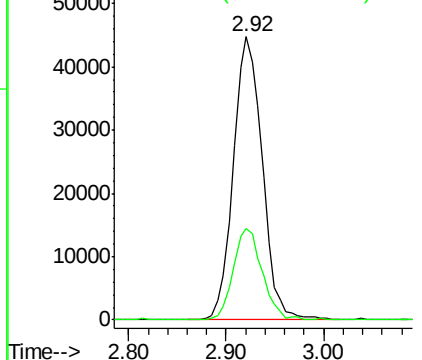
64 100

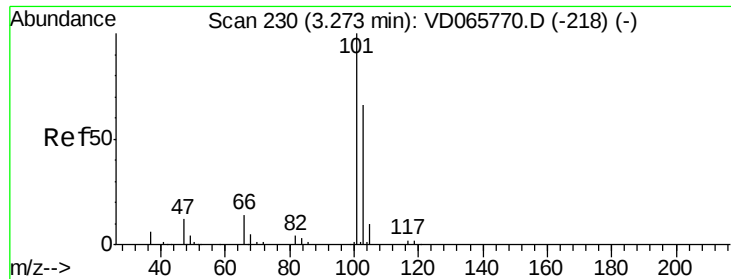
66 32.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

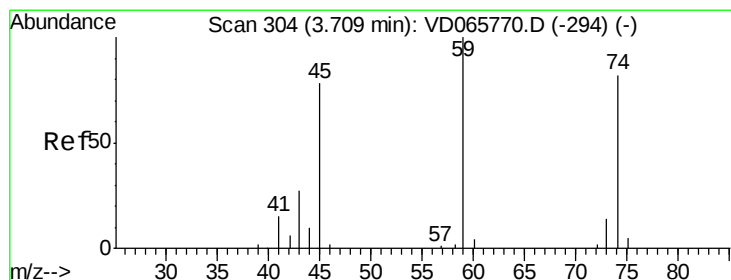
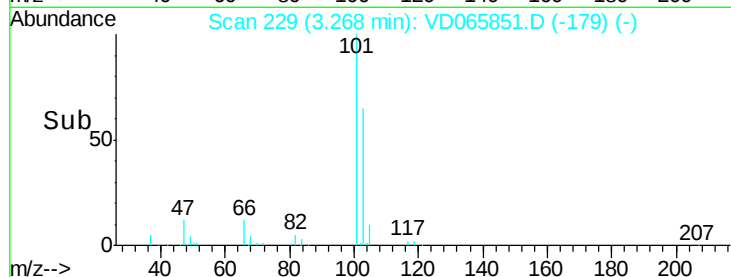
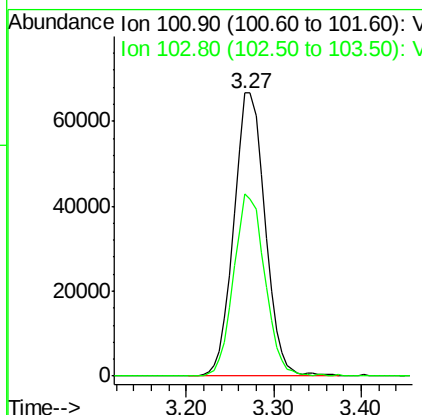
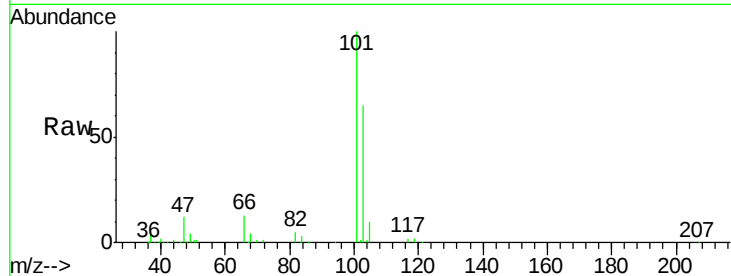
Trichlorofluoromethane
Concen: 46.094 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.1	79.7

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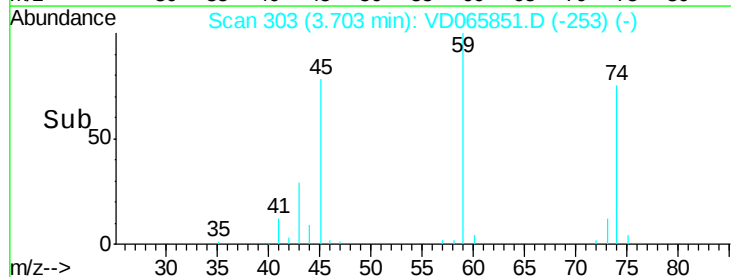
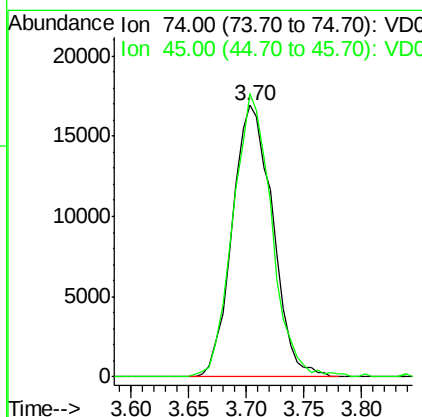
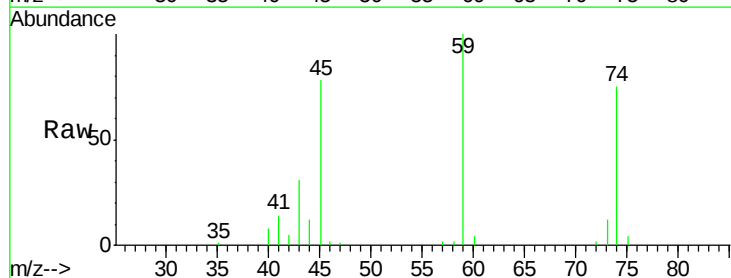
MMDadoda
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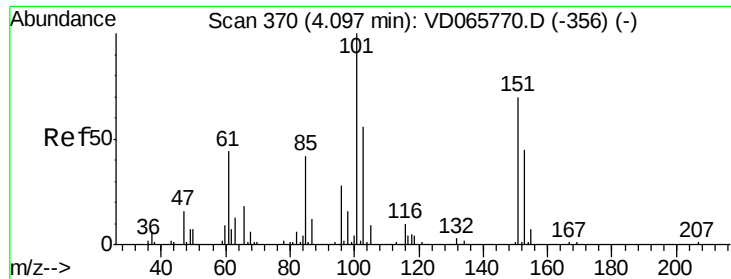


#8

Diethyl Ether
Concen: 44.563 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	47.9	143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.245 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

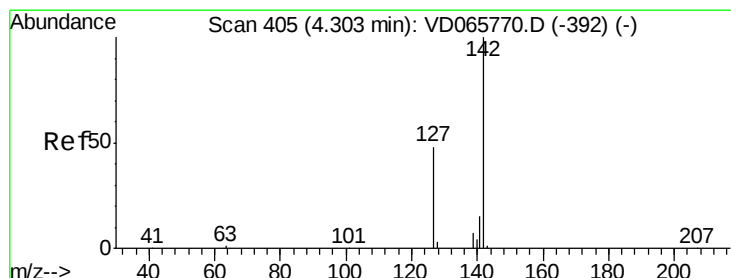
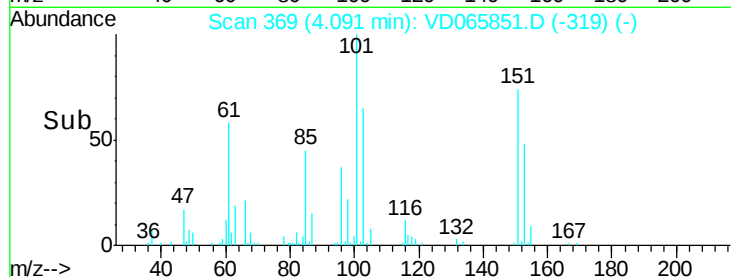
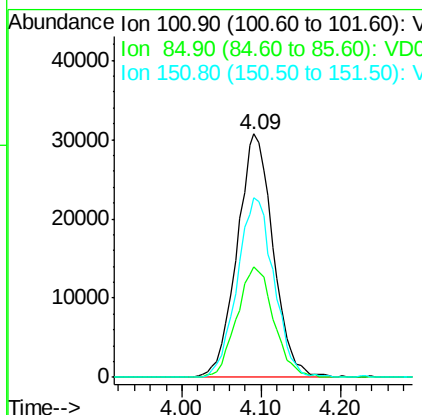
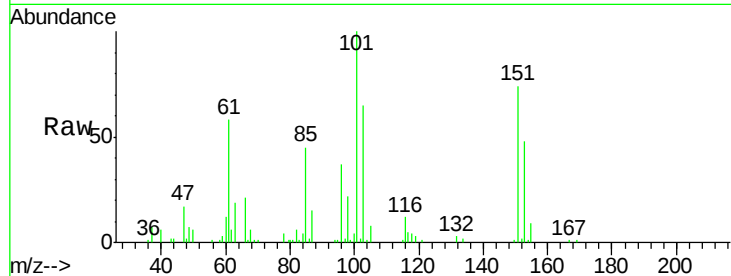
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	96741
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.5	54.7
151	75.1	61.8	92.6

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#10

Methyl Iodide

Concen: 46.927 ug/l

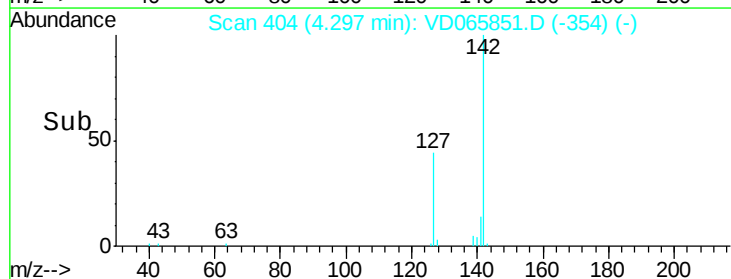
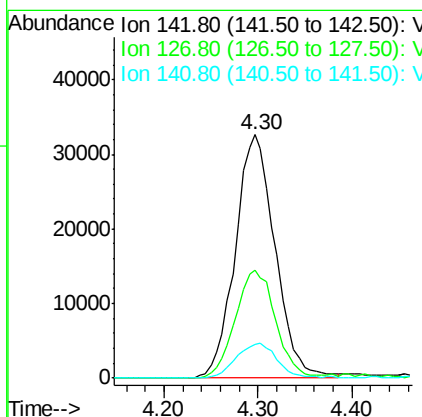
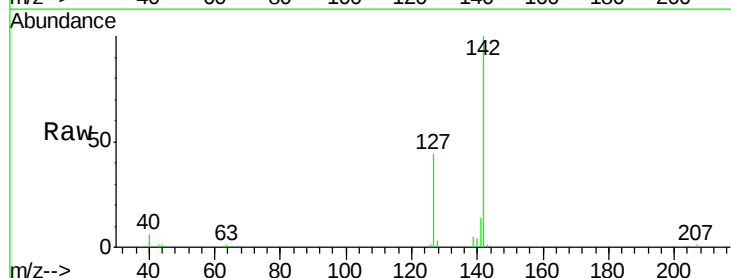
RT: 4.30 min Scan# 404

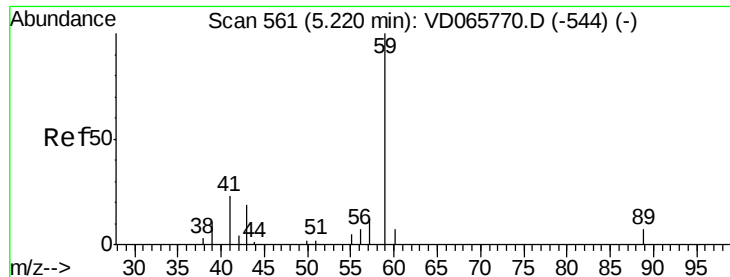
Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion:	142	Resp:	95594
Ion Ratio	Lower	Upper	
142	100		
127	44.8	37.6	56.4
141	14.7	12.1	18.1





#11

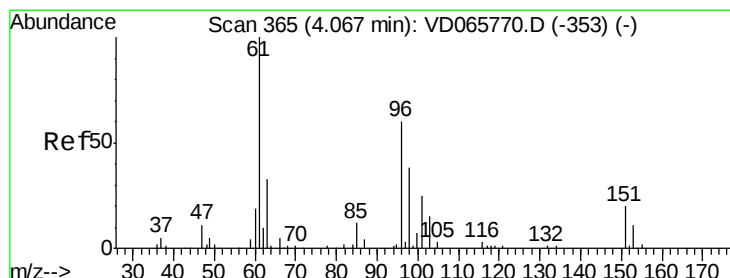
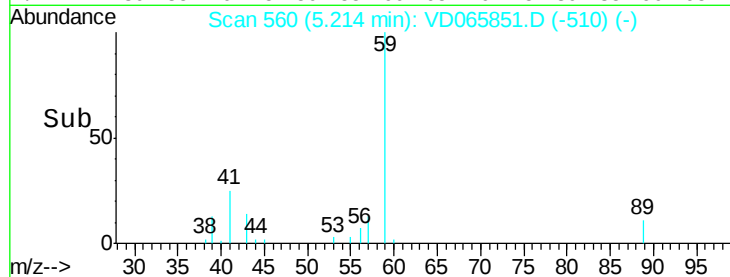
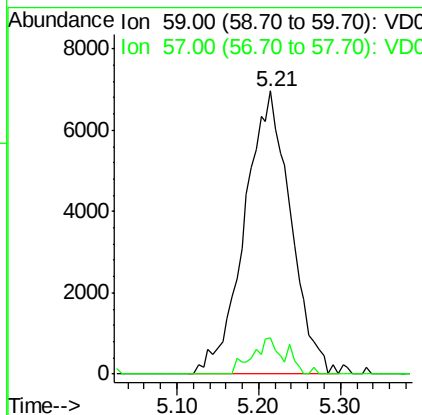
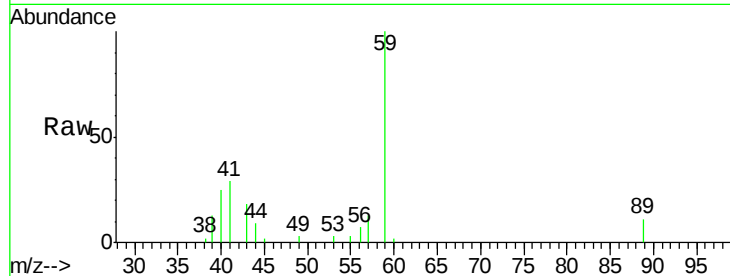
Tert butyl alcohol
 Concen: 231.695 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.2	7.5	11.3#

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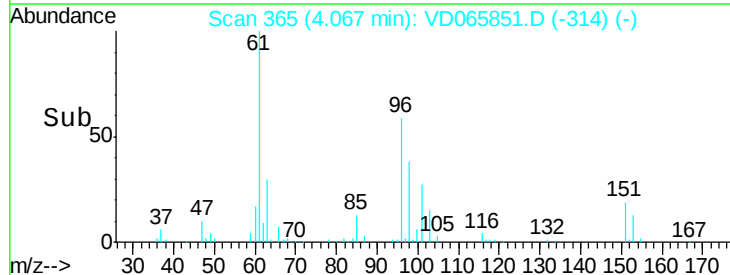
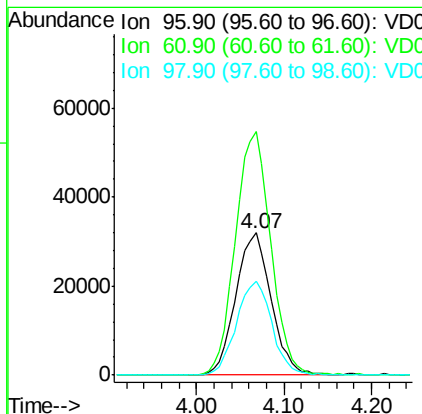
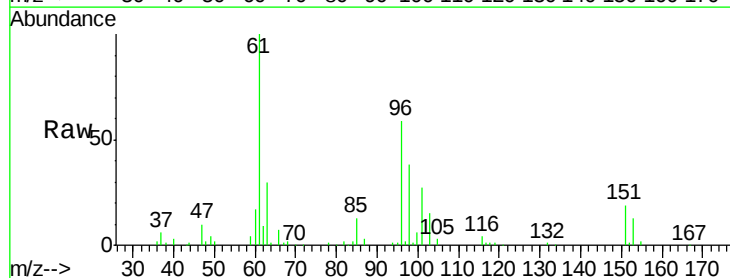
MMDadoda
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#12

1,1-Dichloroethene
 Concen: 46.055 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.9	132.3	198.5
98	65.7	50.7	76.1





#13

Acrolein

Concen: 224.424 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 26142

Ion Ratio Lower Upper

56 100

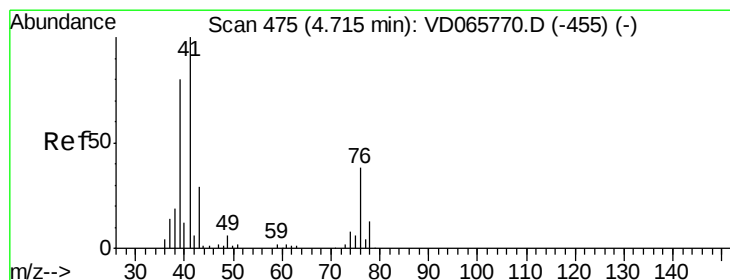
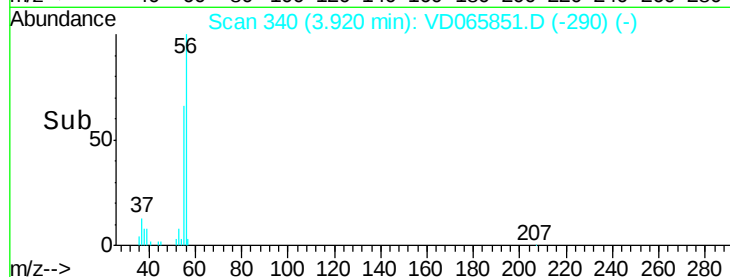
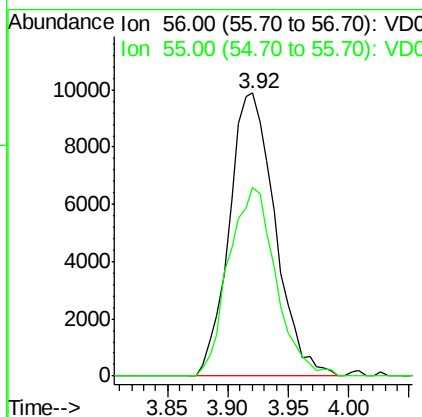
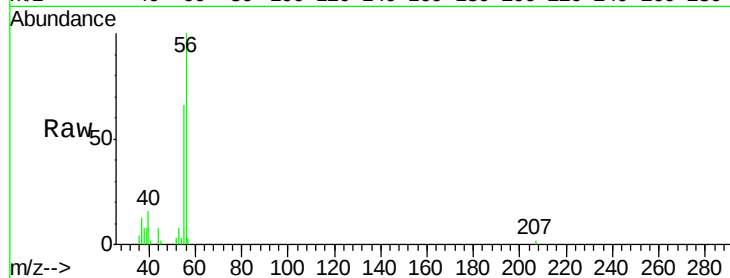
55 68.2 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.009 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

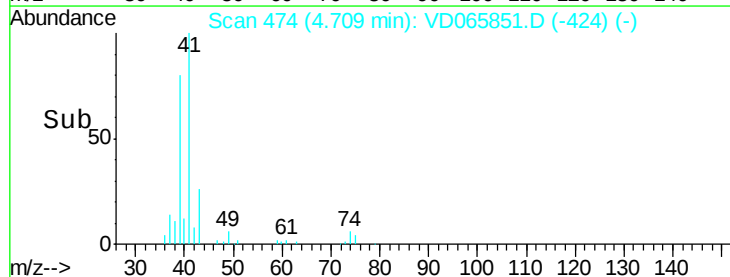
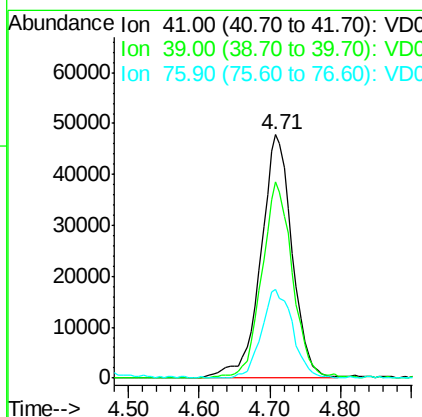
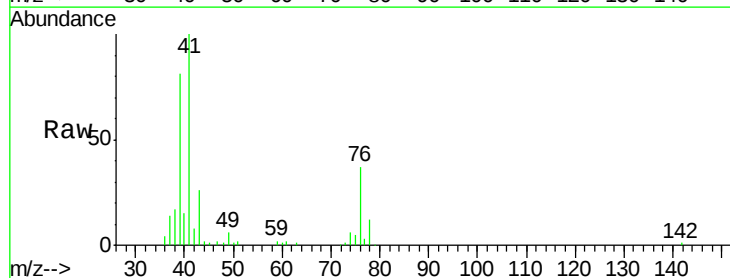
Tgt Ion: 41 Resp: 148137

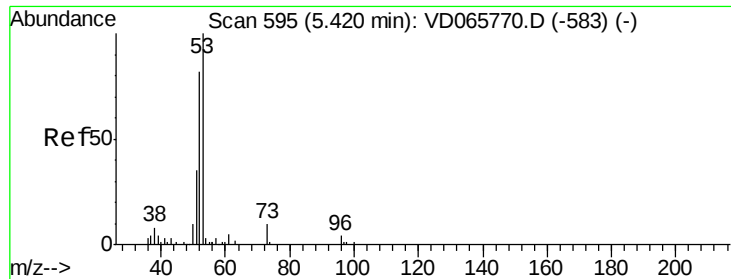
Ion Ratio Lower Upper

41 100

39 78.8 60.9 91.3

76 36.5 28.9 43.3





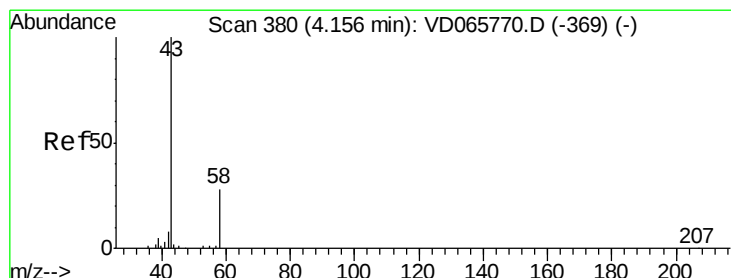
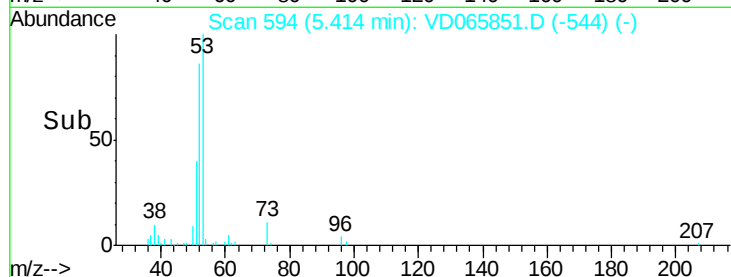
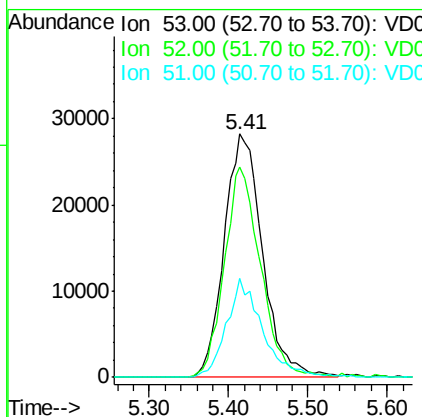
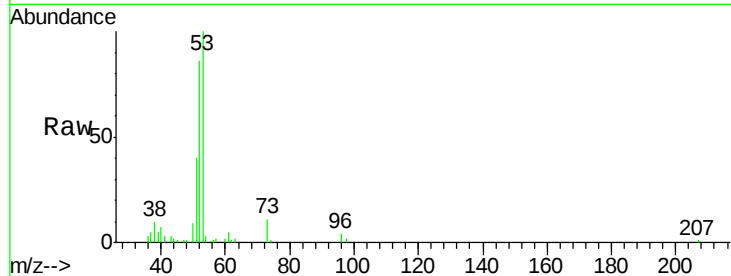
#15
 Acrylonitrile
 Concen: 225.477 ug/l
 RT: 5.41 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.2
51	38.3	30.7	46.1

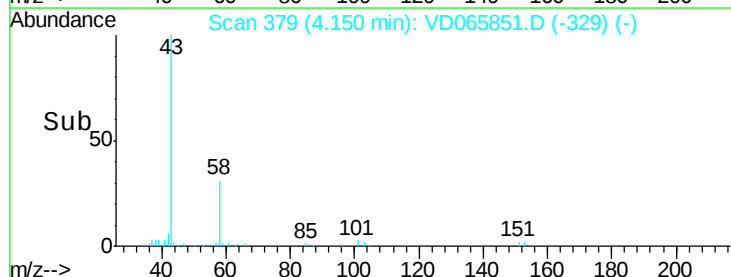
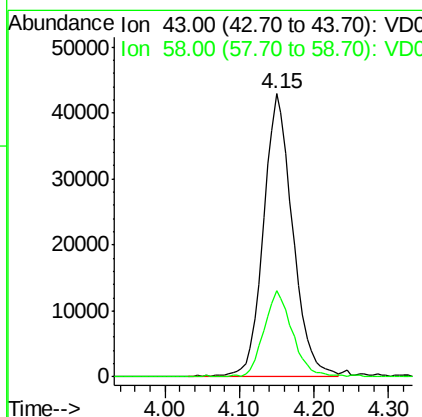
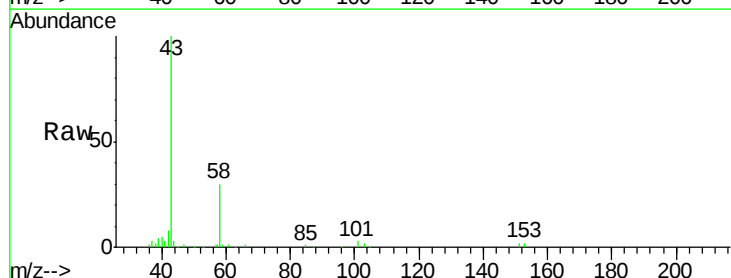
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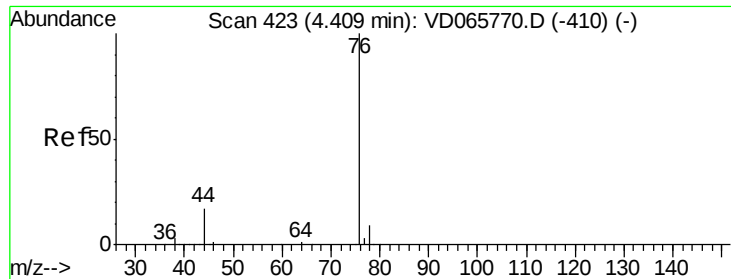
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#16
 Acetone
 Concen: 298.666 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.3	33.5





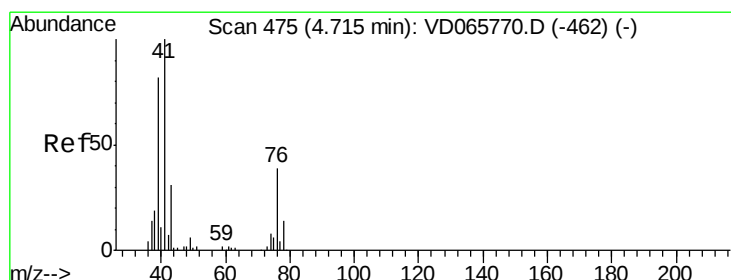
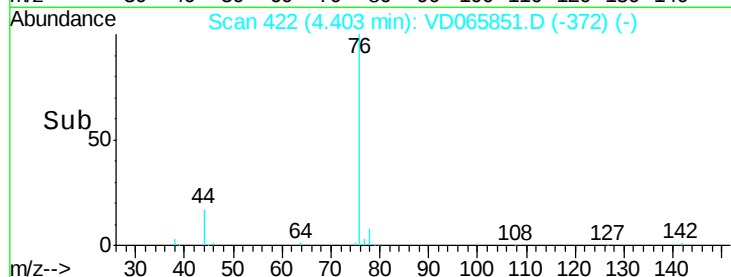
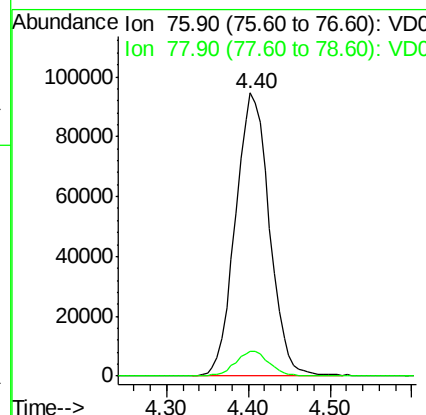
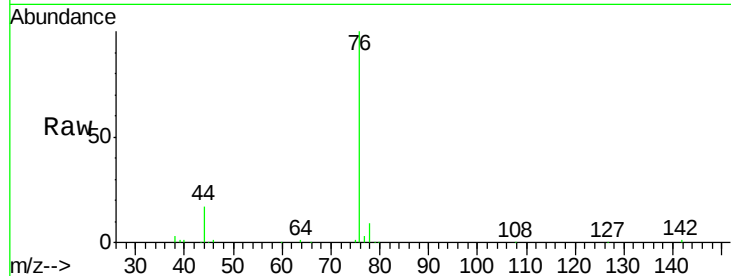
#17
Carbon Disulfide
Concen: 42.738 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

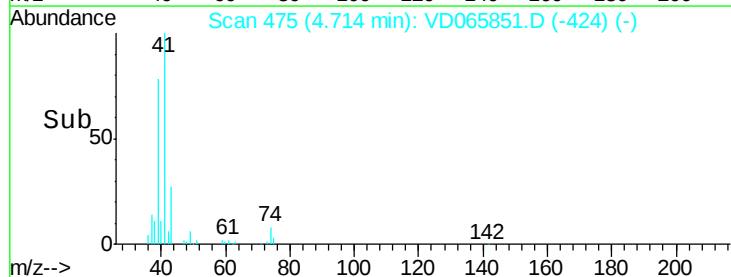
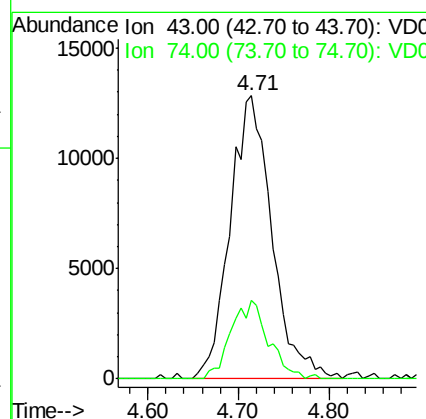
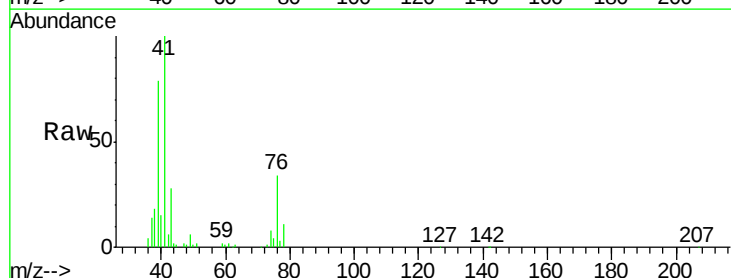
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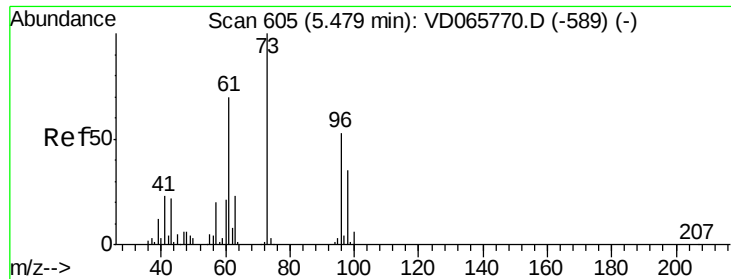
MMDadoda
6/24/2020 10:52:32 AM



#18
Methyl Acetate
Concen: 46.374 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.7	28.1





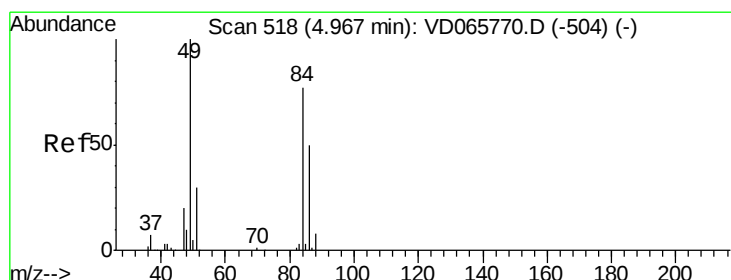
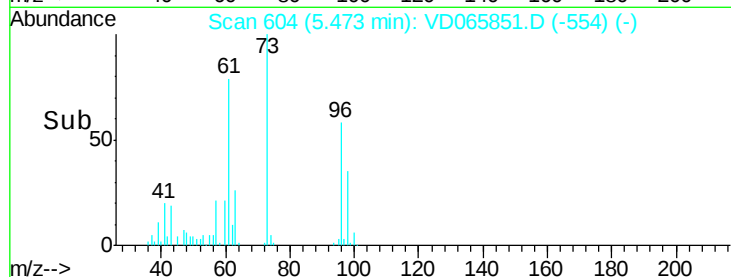
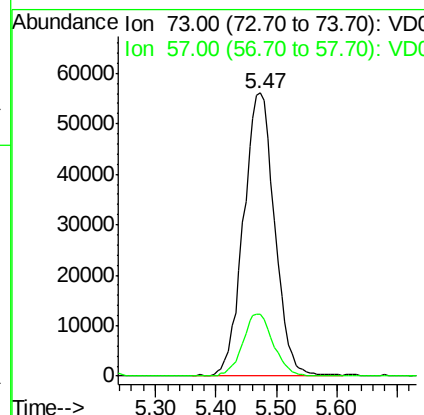
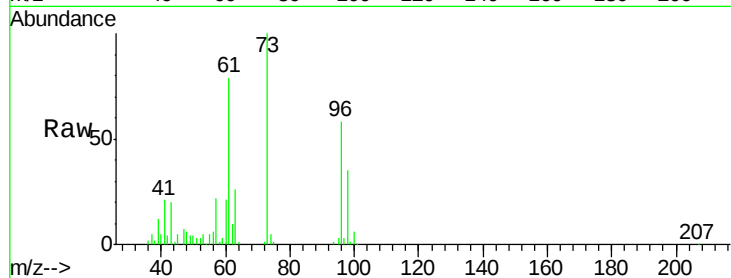
#19
Methvl tert-butvl Ether
Concen: 46.434 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 200531
Ion Ratio Lower Upper
73 100
57 21.9 16.2 24.2

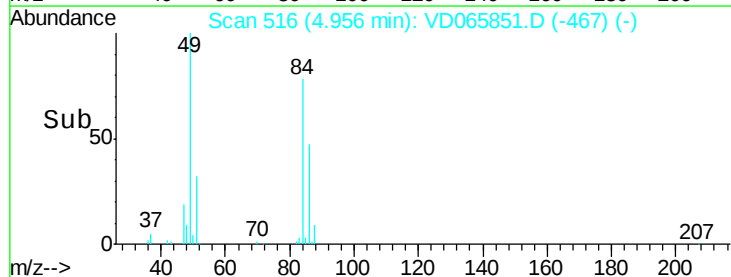
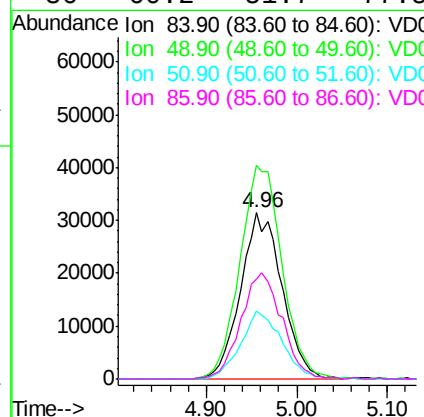
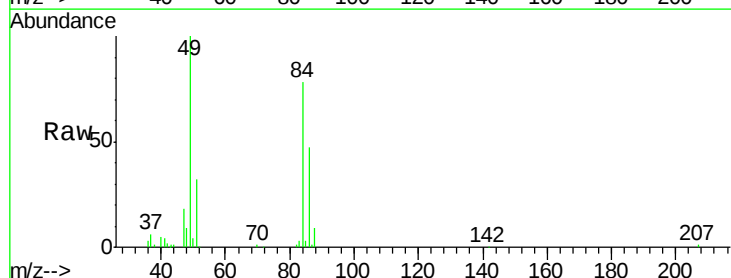
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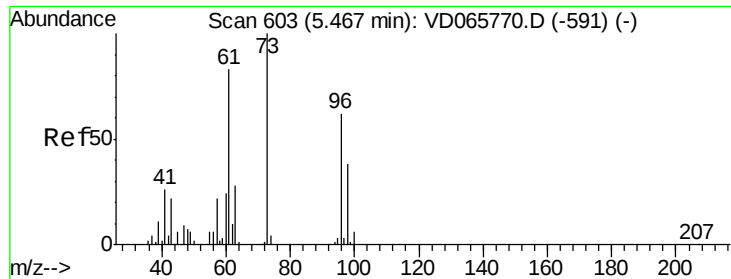
MMDadoda
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#20
Methylene Chloride
Concen: 48.034 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 84 Resp: 100156
Ion Ratio Lower Upper
84 100
49 128.7 103.4 155.0
51 40.6 31.4 47.2
86 60.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.410 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 103628

Ion Ratio Lower Upper

96 100

61 133.9 107.7 161.5

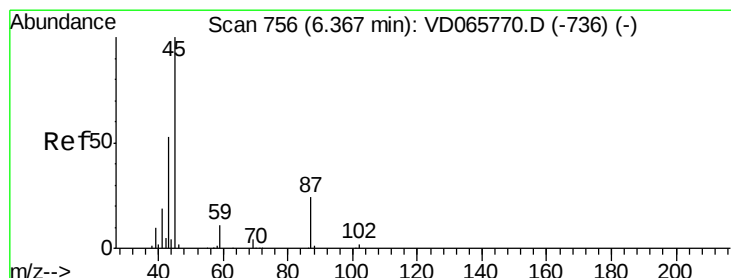
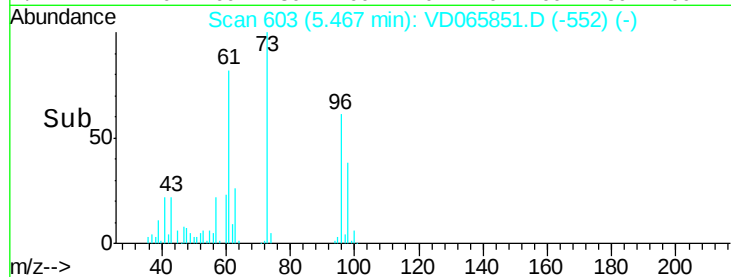
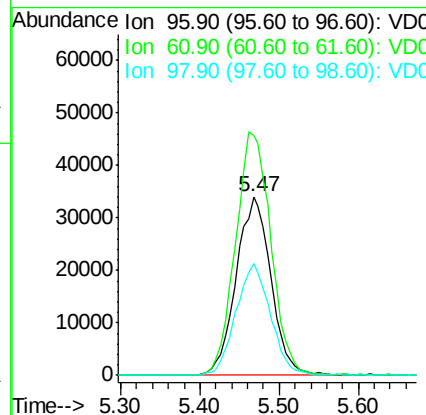
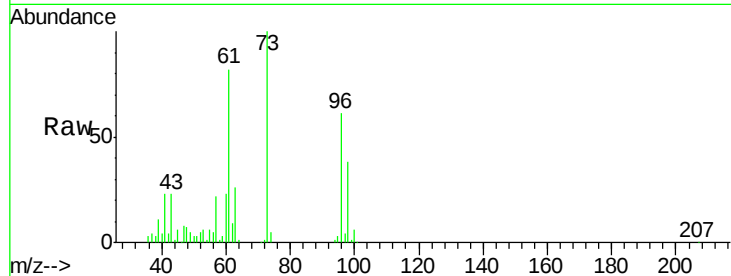
98 62.7 49.3 73.9

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#22

Diisopropyl ether

Concen: 48.234 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion: 45 Resp: 307113

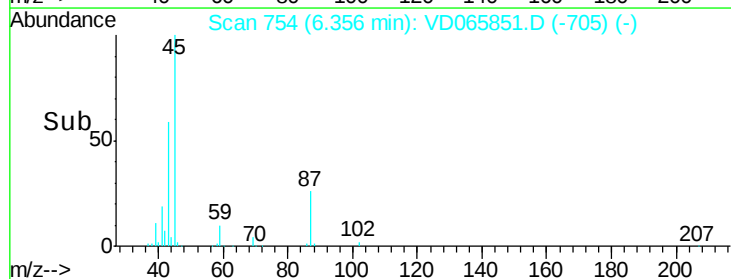
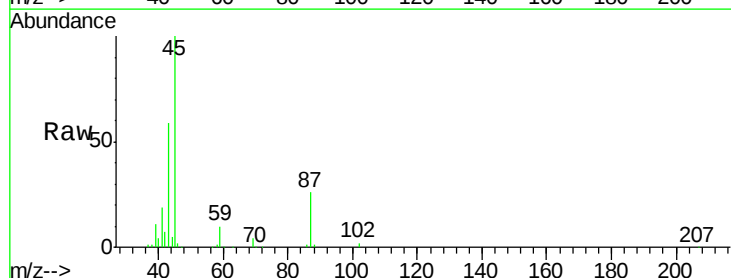
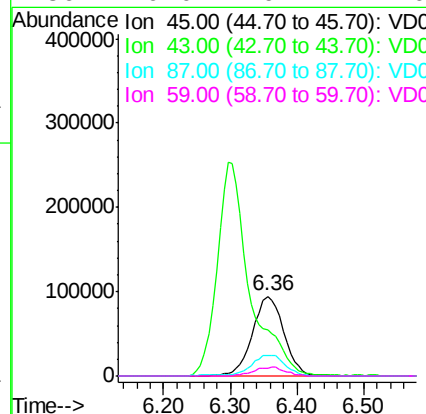
Ion Ratio Lower Upper

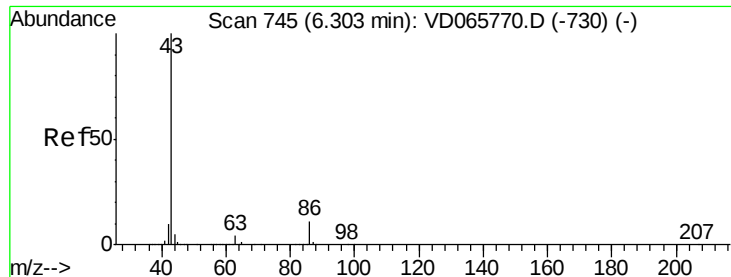
45 100

43 57.7 43.4 65.0

87 26.0 20.2 30.4

59 10.0 9.4 14.0





#23

Vinyl Acetate

Concen: 240.729 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 865535

Ion Ratio Lower Upper

43 100

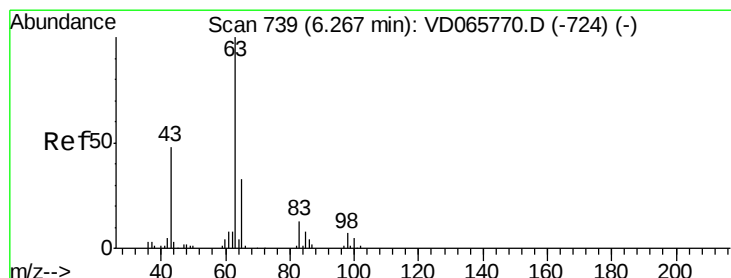
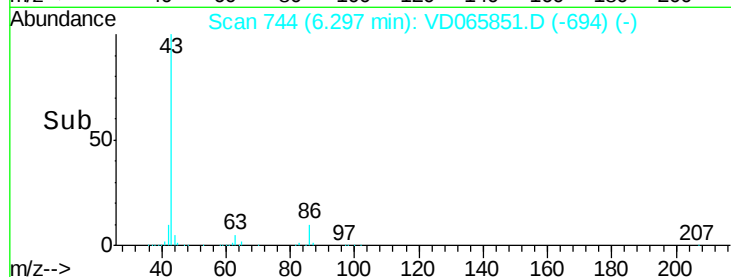
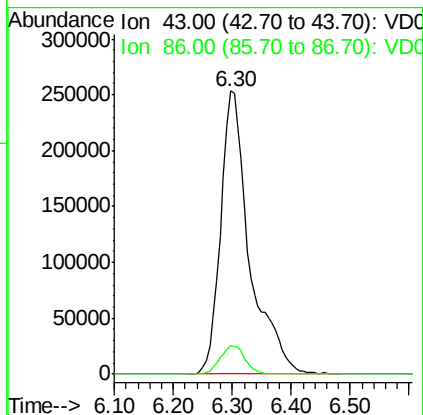
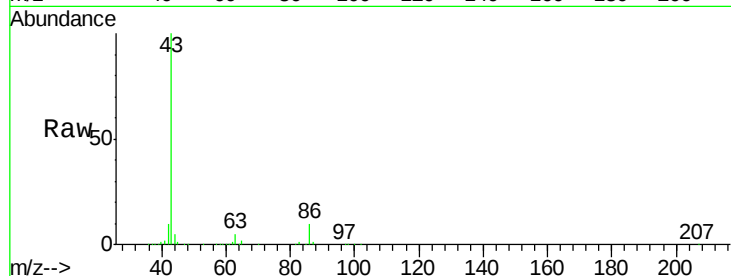
86 9.9 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.278 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

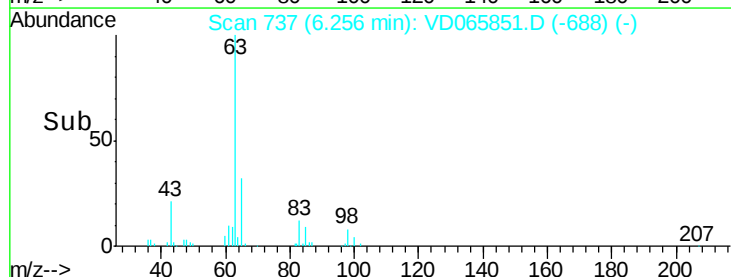
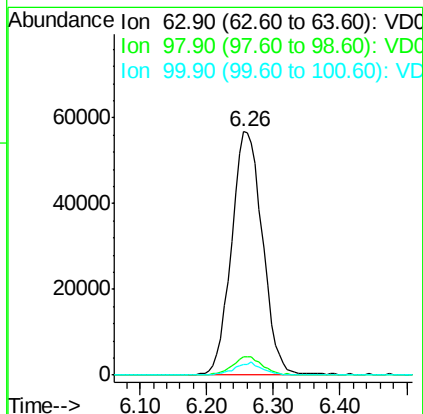
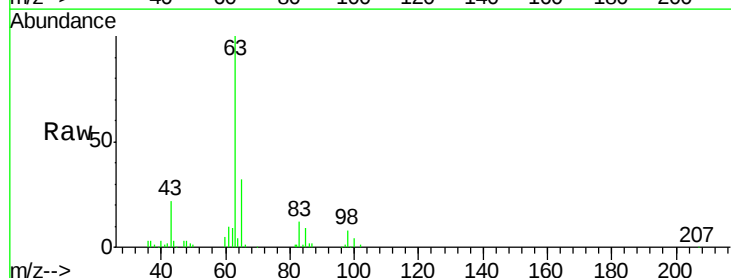
Tgt Ion: 63 Resp: 183418

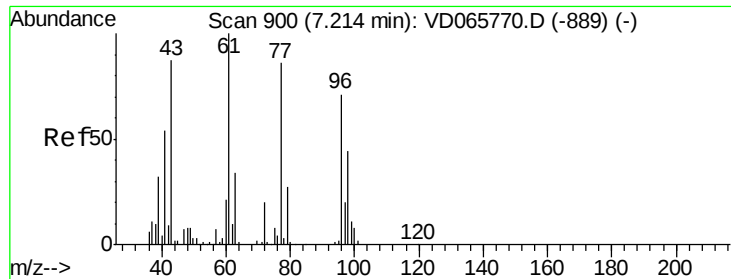
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 234.513 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 126699

Ion Ratio Lower Upper

43 100

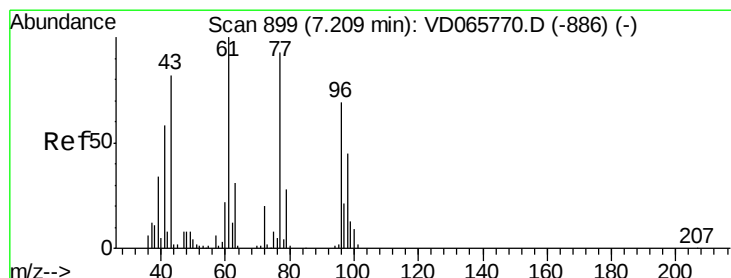
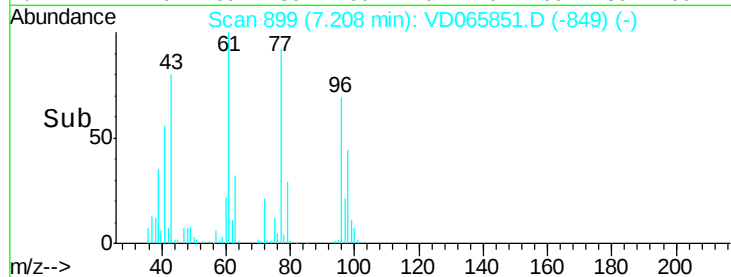
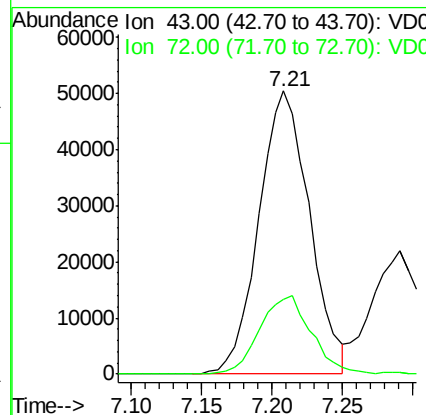
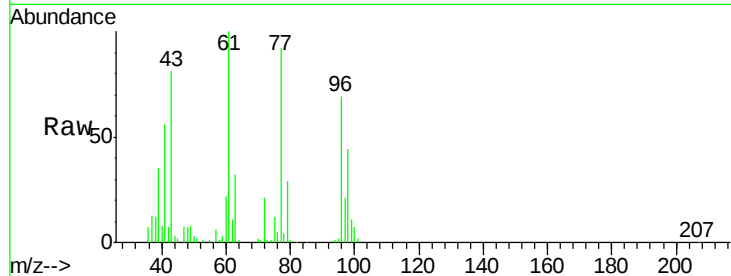
72 26.4 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 49.754 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065851.D

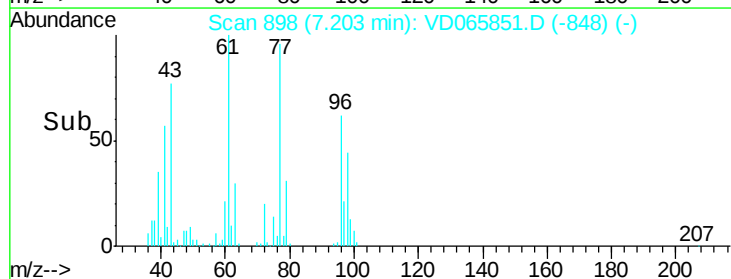
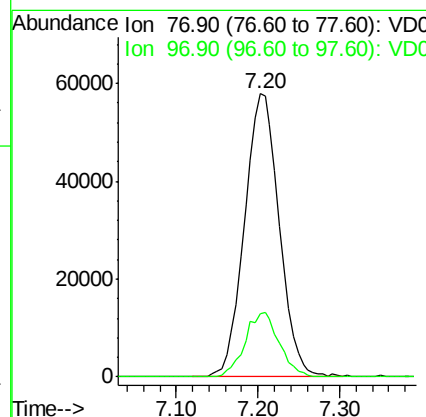
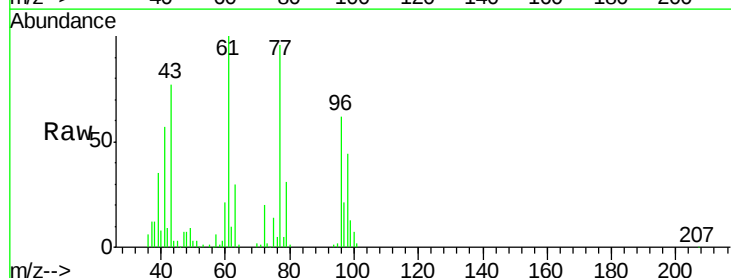
Acq: 23 Jun 2020 10:45

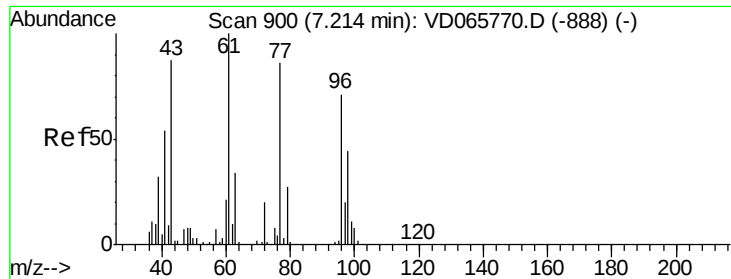
Tgt Ion: 77 Resp: 171148

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.7





#27

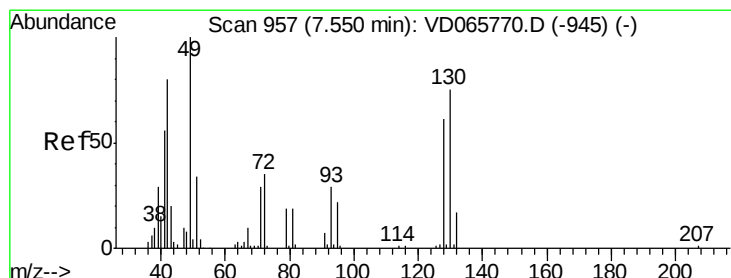
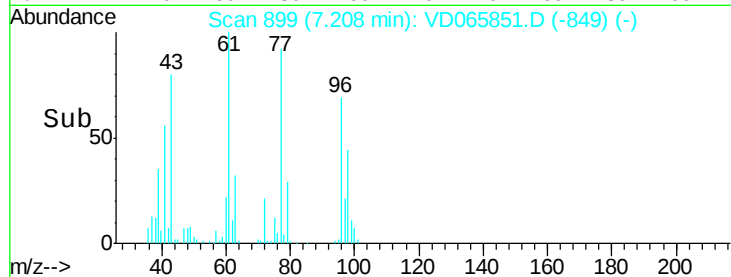
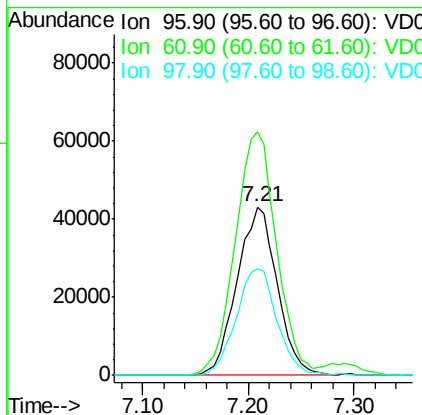
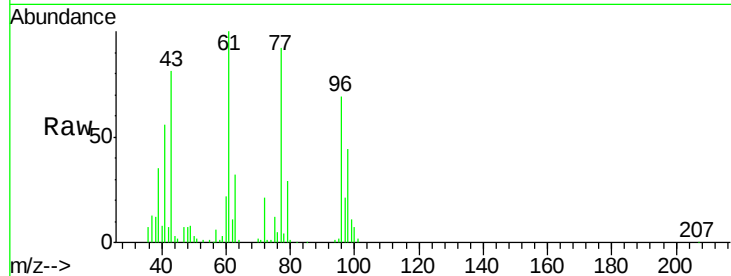
cis-1,2-Dichloroethene
 Concen: 47.502 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	114094		
61	148.1	0.0	291.2	
98	64.6	0.0	128.8	

Manual Integrations
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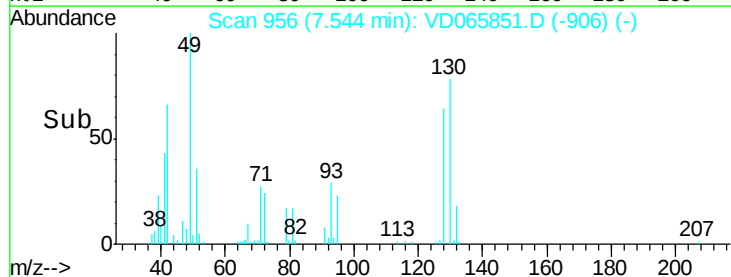
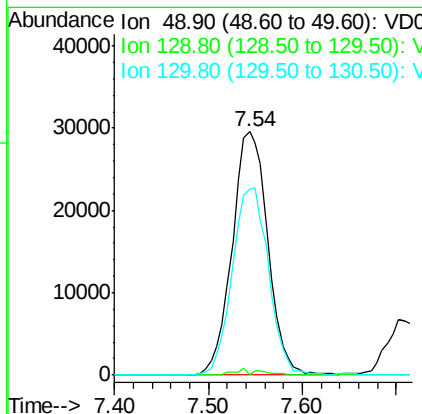
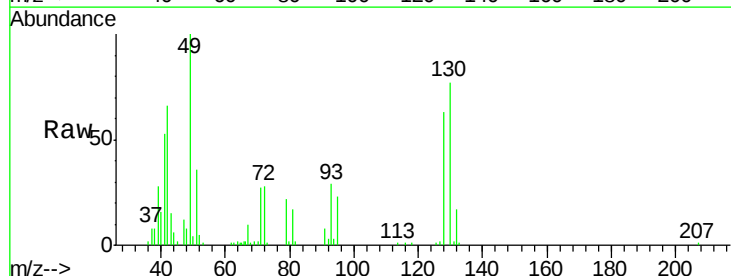
MMDadoda
 6/24/2020 10:52:32 AM

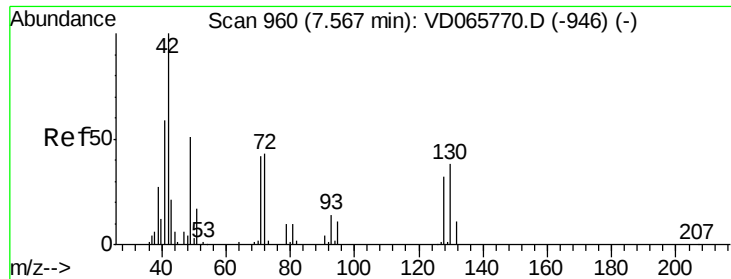


#28

Bromochloromethane
 Concen: 51.955 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77847		
129	1.0	0.0	4.6	
130	78.3	59.5	89.3	





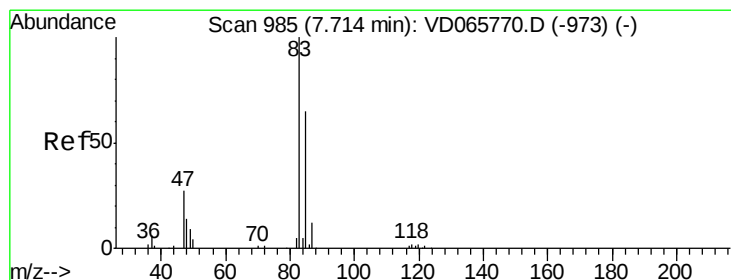
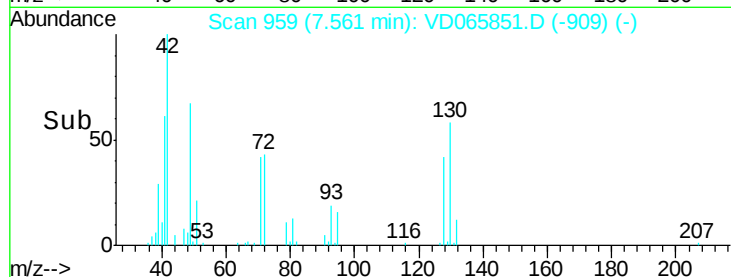
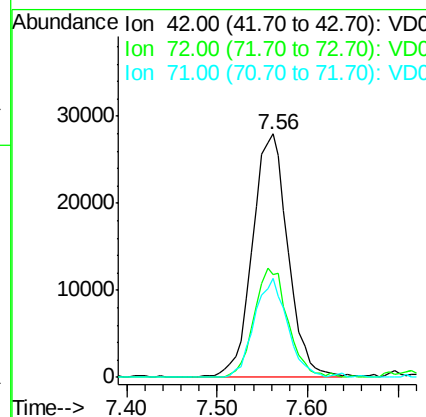
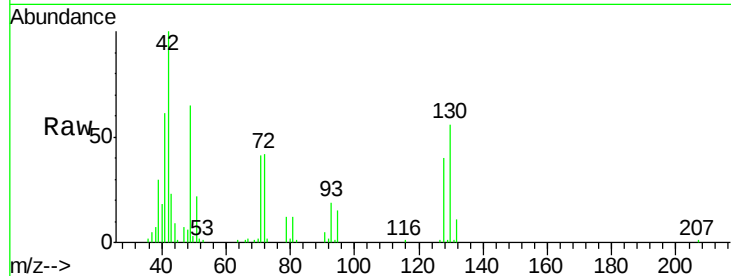
#29
Tetrahydrofuran
Concen: 223.407 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.9	52.3
71	37.9	31.2	46.8

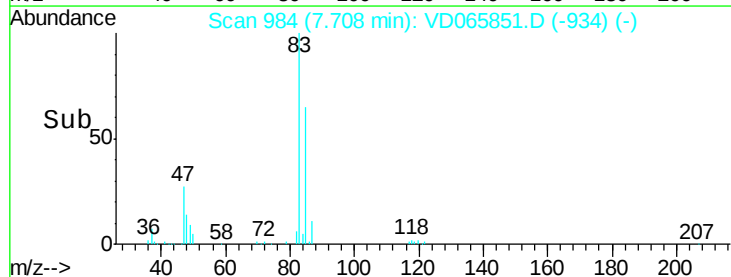
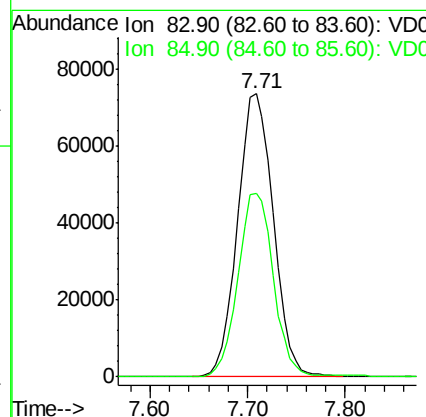
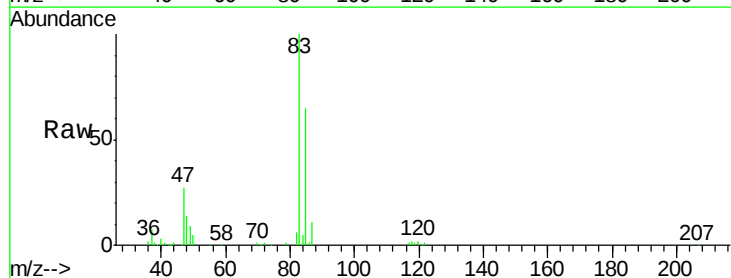
Manual Integrations
APPROVED

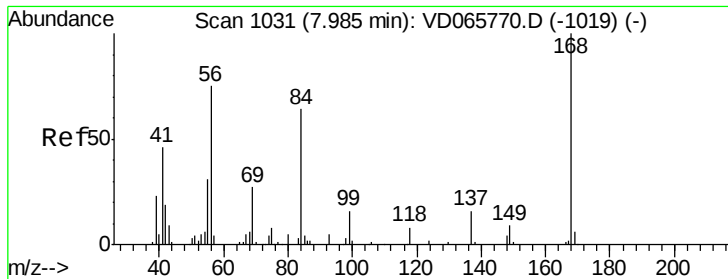
MMDadoda
6/24/2020 10:52:32 AM



#30
Chloroform
Concen: 46.918 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





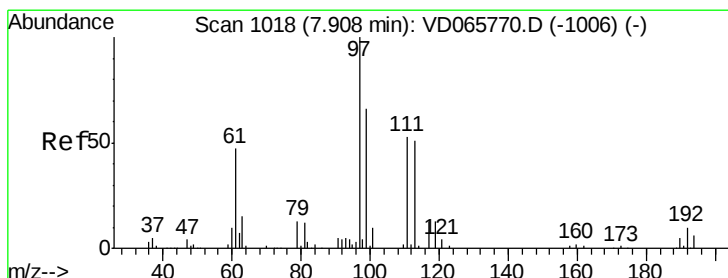
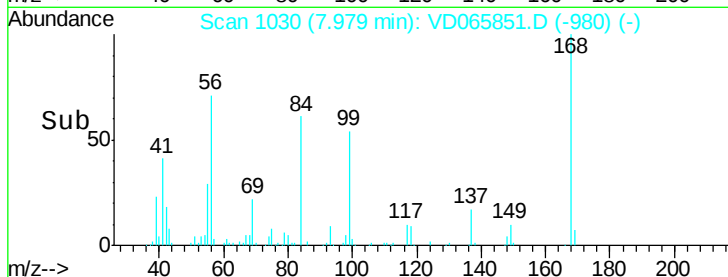
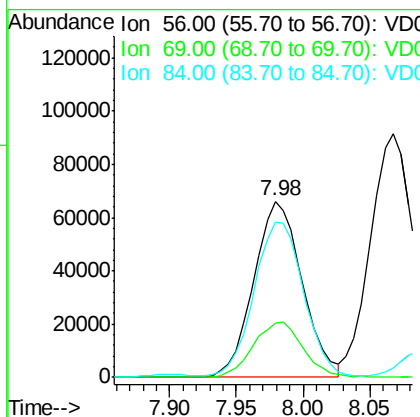
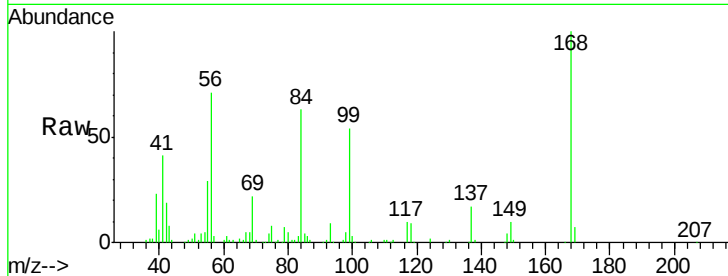
#31
Cyclohexane
Concen: 44.670 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	28.5	42.7
84	87.1	68.4	102.6

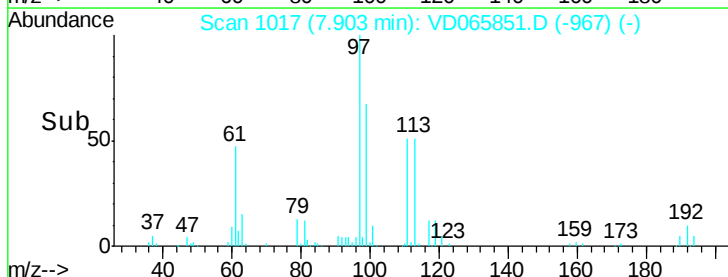
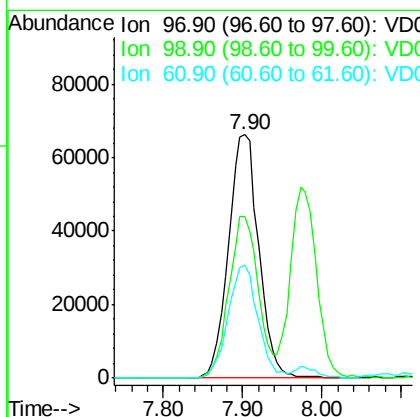
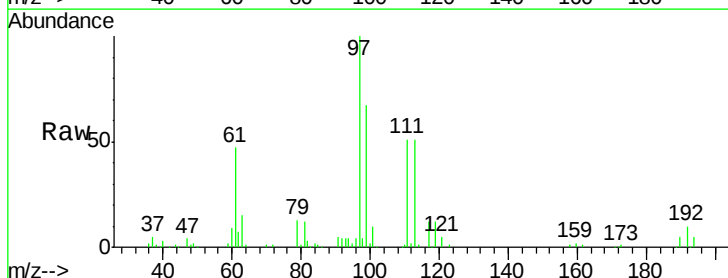
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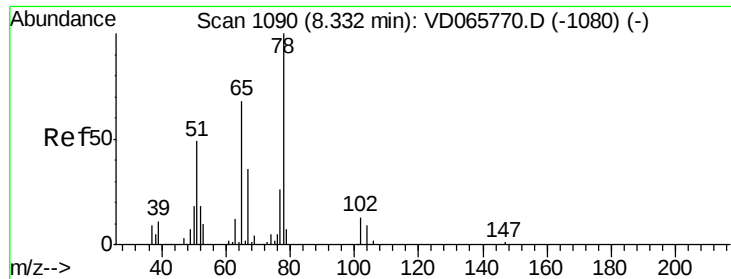
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.379 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	49.2	73.8
61	45.5	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 50.326 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 104369

Ion Ratio Lower Upper

65 100

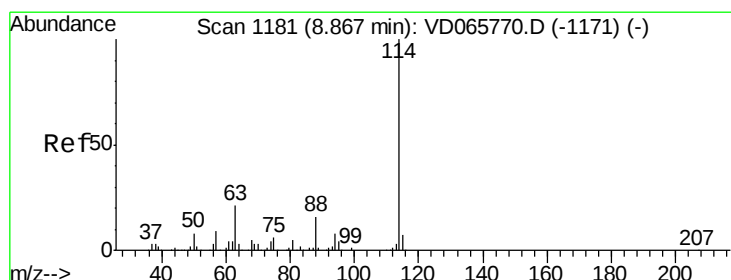
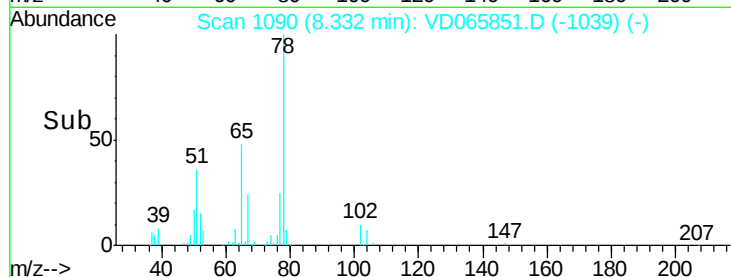
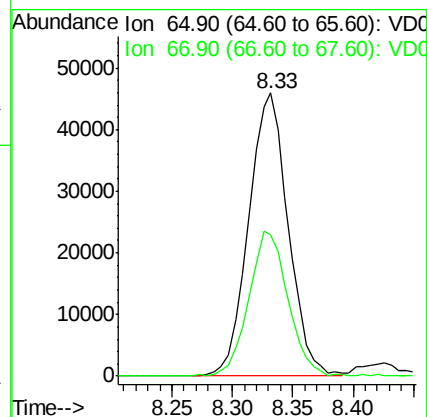
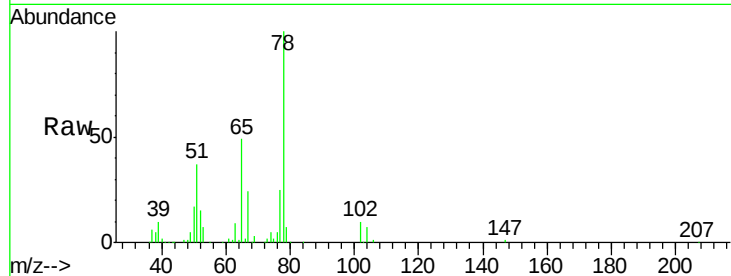
67 50.7 0.0 103.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

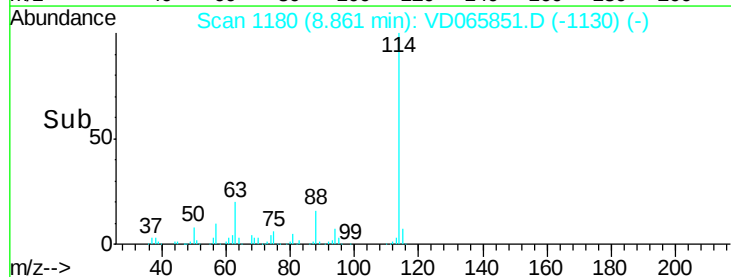
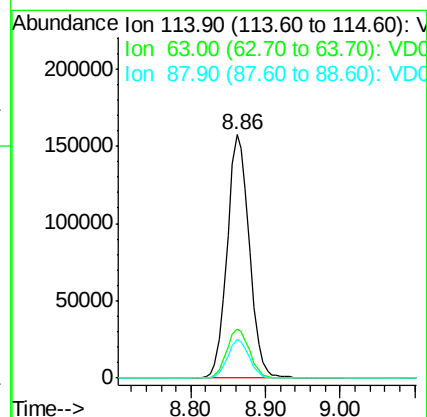
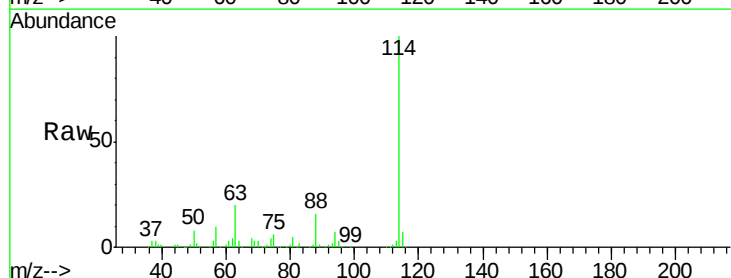
Tgt Ion: 114 Resp: 325550

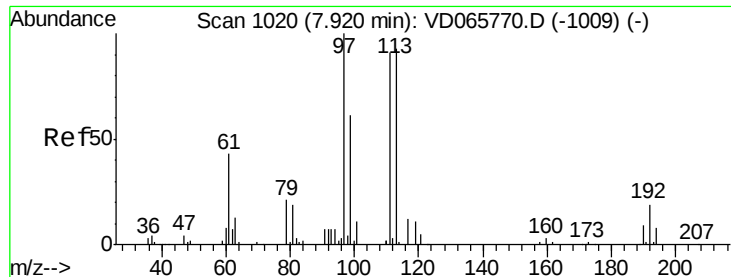
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

88 16.2 0.0 32.0





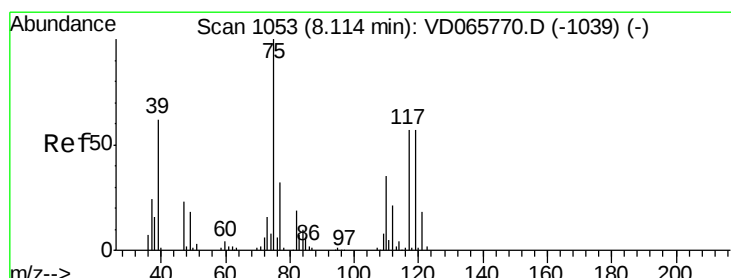
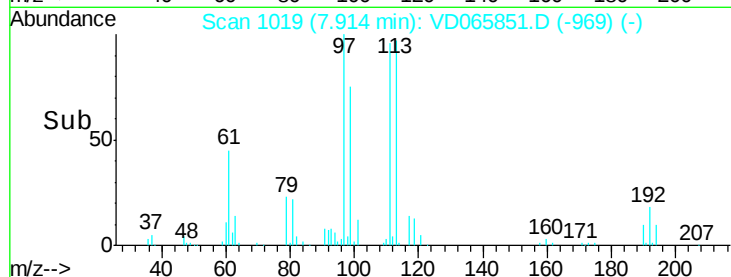
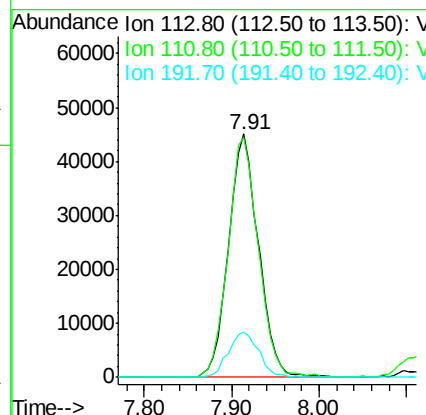
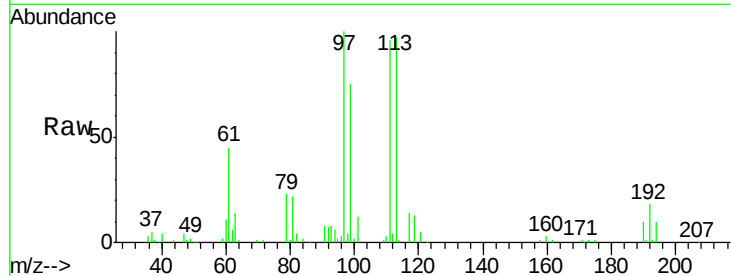
#35
Dibromofluoromethane
Concen: 51.313 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.2	83.4	125.0
192	19.0	15.7	23.5

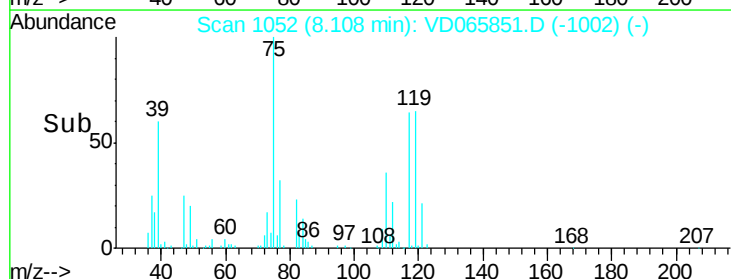
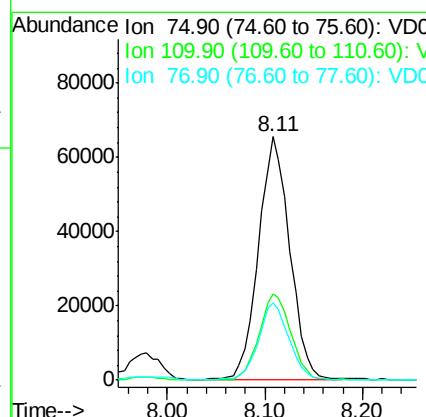
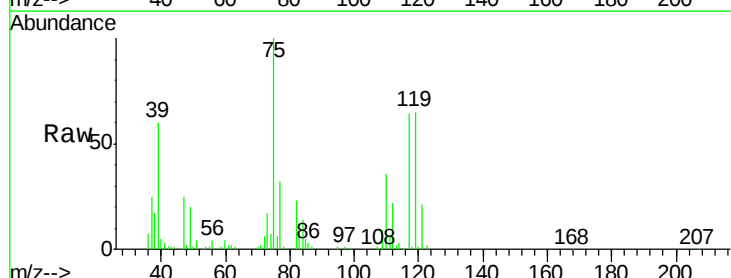
Manual Integrations
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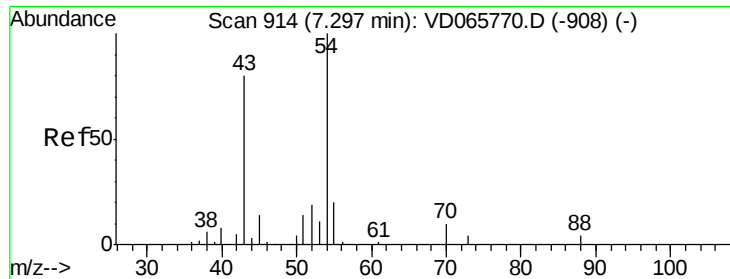
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.198 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.6	52.8
77	31.3	25.1	37.7





#37

Ethyl Acetate

Concen: 44.971 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

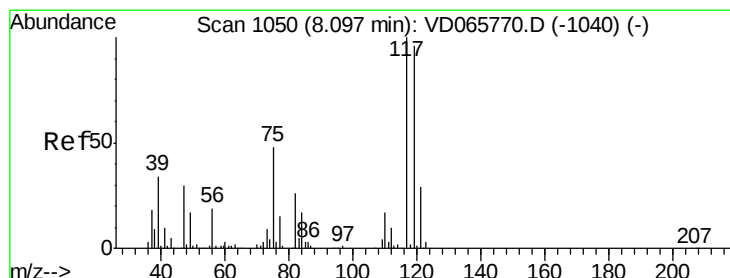
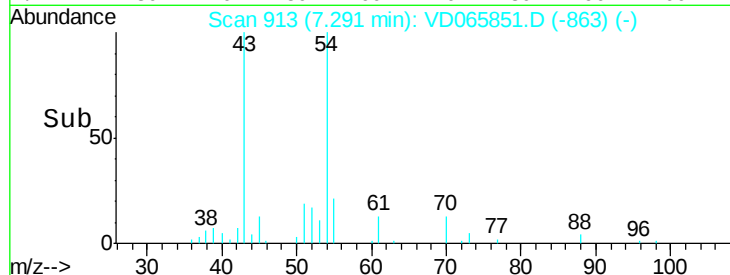
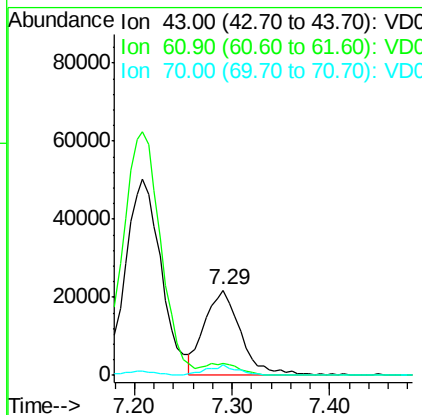
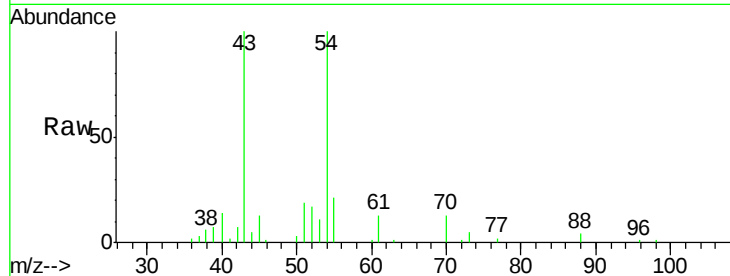
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	55241
Ion	Ratio	Lower	Upper
43	100		
61	11.6	10.6	15.8
70	10.2	7.5	11.3

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.669 ug/l

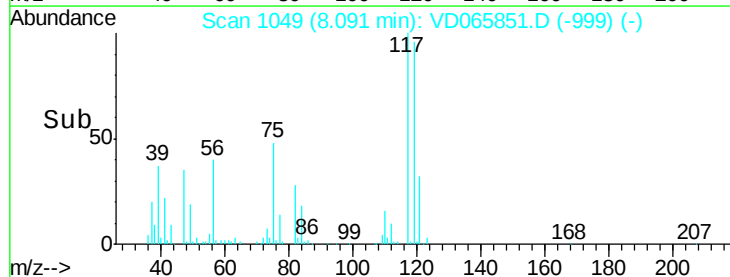
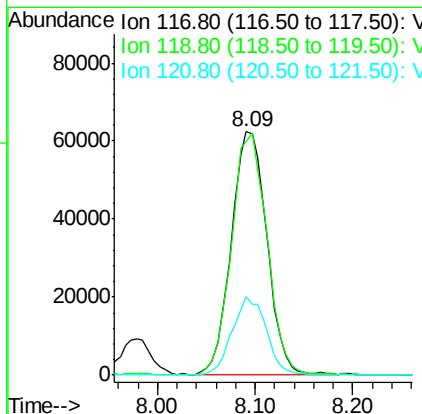
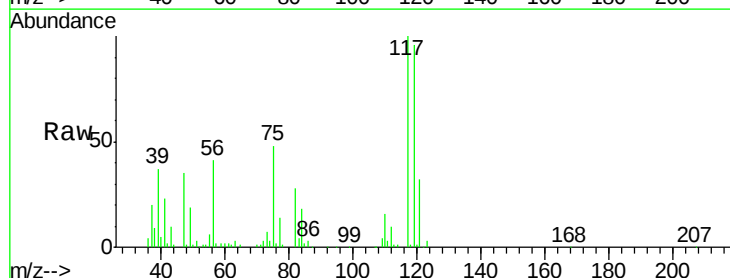
RT: 8.09 min Scan# 1049

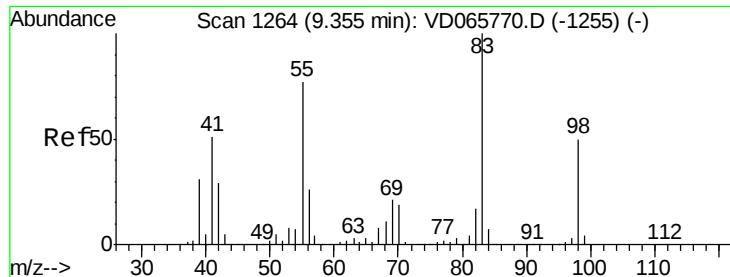
Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion:	117	Resp:	159730
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.8	115.2
121	32.3	23.4	35.2





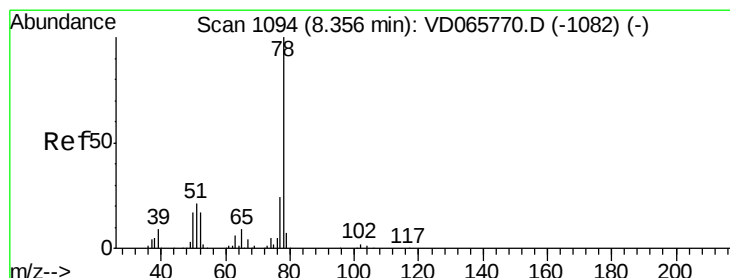
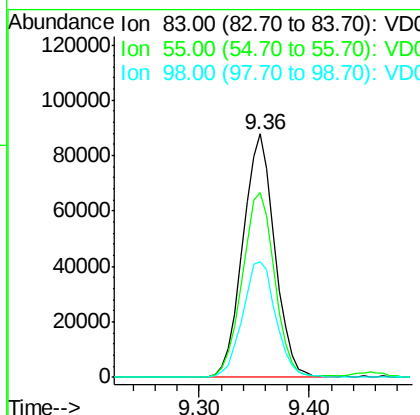
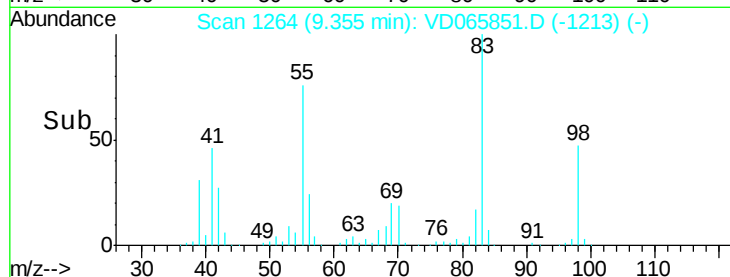
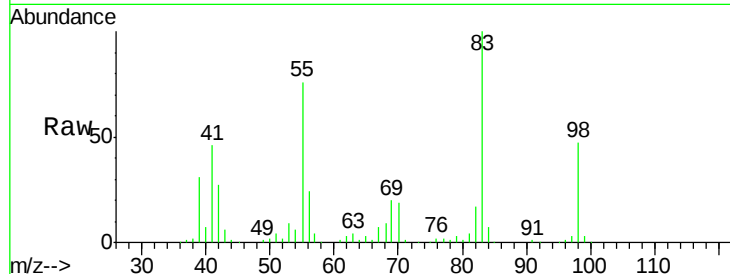
#39
Methvlcvclohexane
Concen: 48.415 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.6	92.4
98	47.4	40.2	60.2

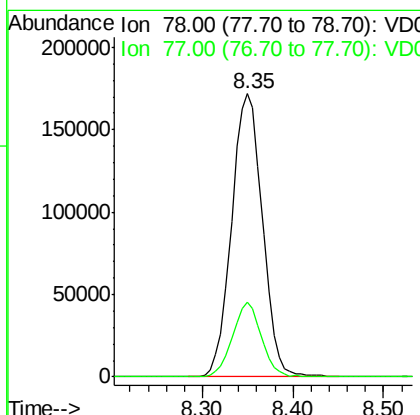
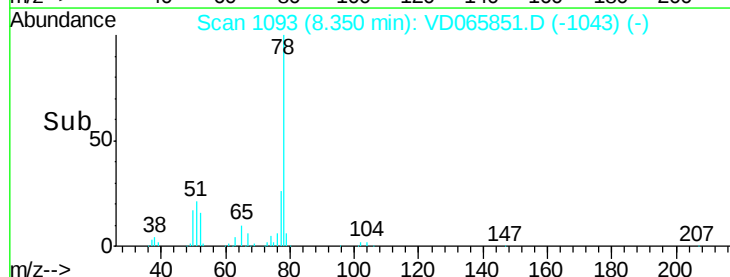
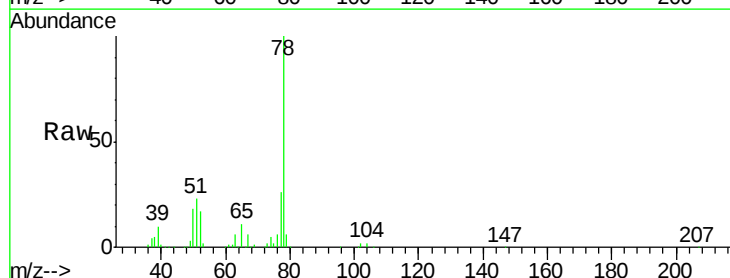
Manual Integrations
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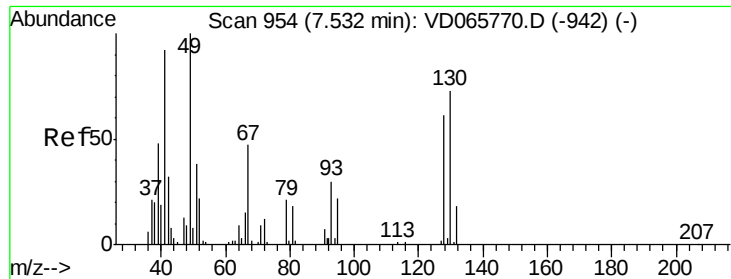
MMDadoda
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#40
Benzene
Concen: 47.731 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.2	28.8





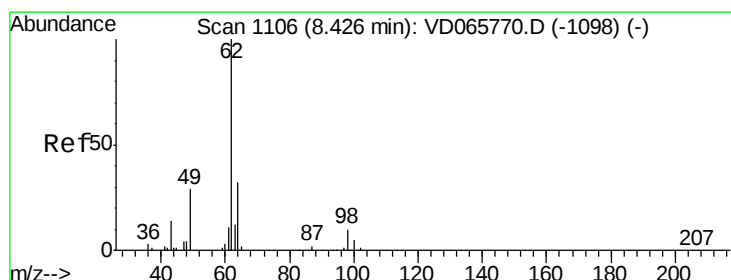
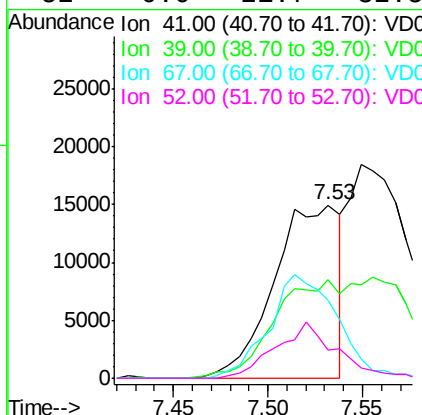
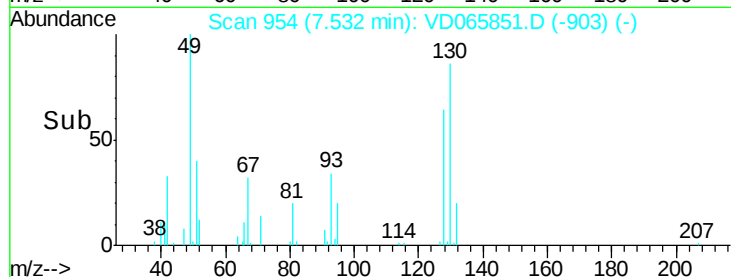
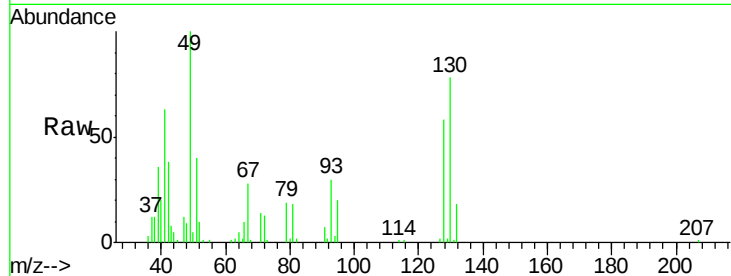
#41
Methacrylonitrile
Concen: 49.842 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.9	38.3	57.5
67	0.0	49.8	74.6#
52	0.0	21.7	32.5#

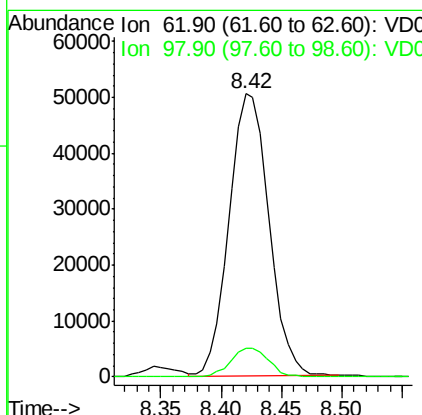
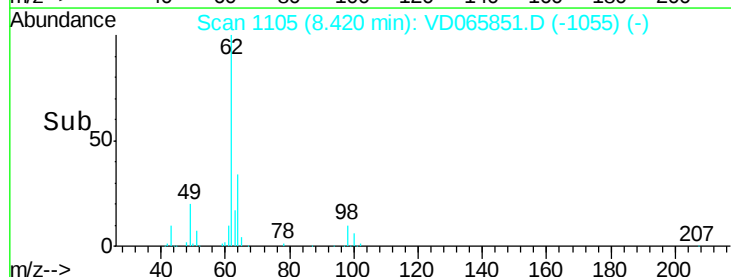
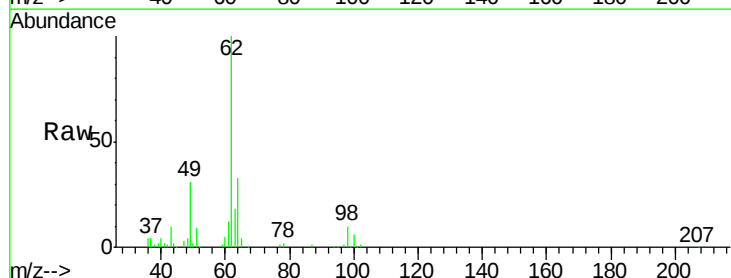
Manual Integrations
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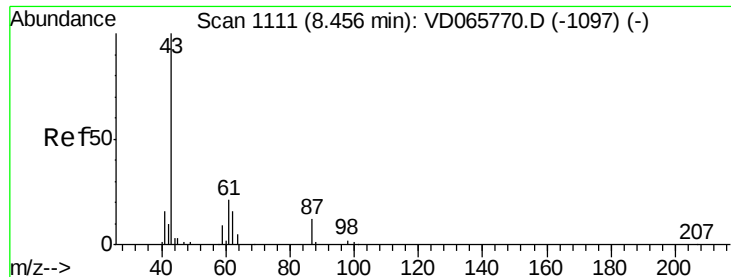
MMDadoda
6/24/2020 10:52:32 AM



#42
1,2-Dichloroethane
Concen: 45.208 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 44.934 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

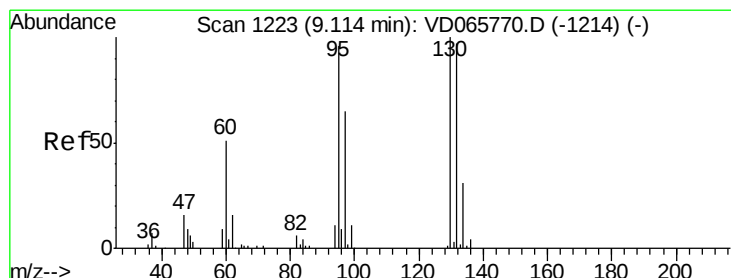
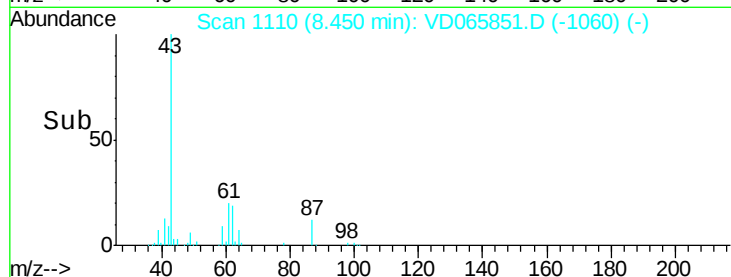
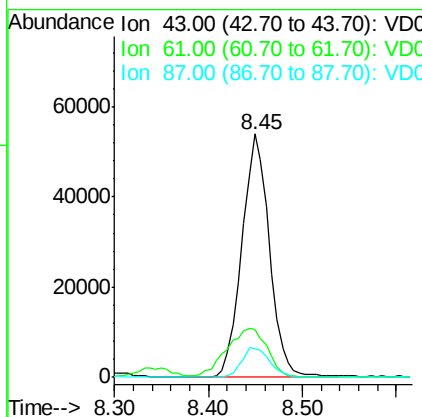
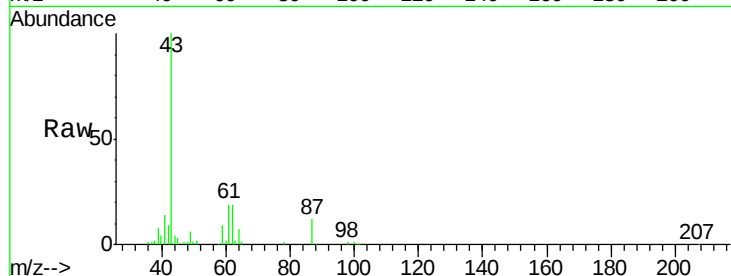
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	109756
Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.2	36.4
87	12.4	9.5	14.3

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#44

Trichloroethene

Concen: 48.350 ug/l

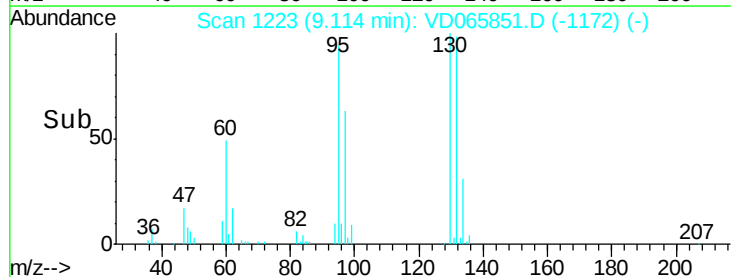
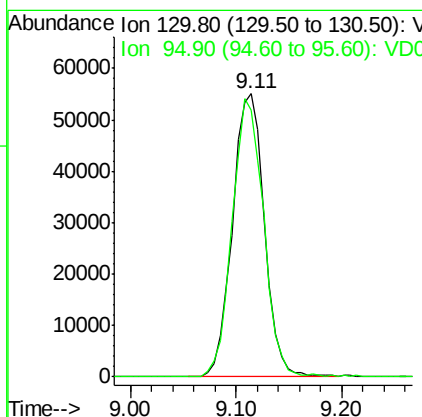
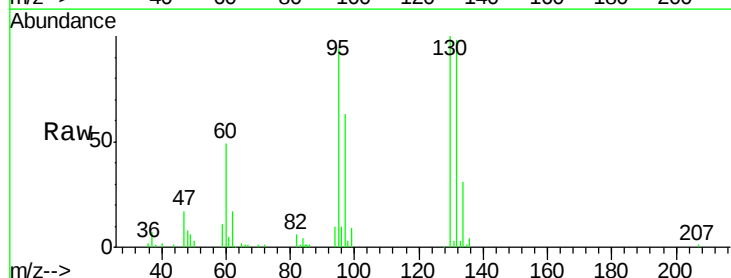
RT: 9.11 min Scan# 1223

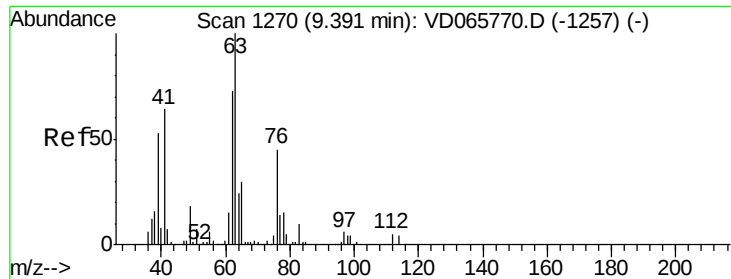
Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion:	130	Resp:	114714
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	192.8





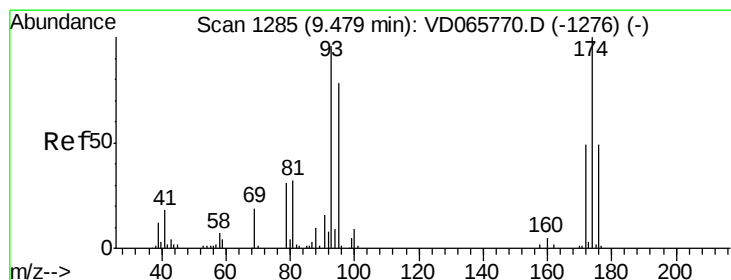
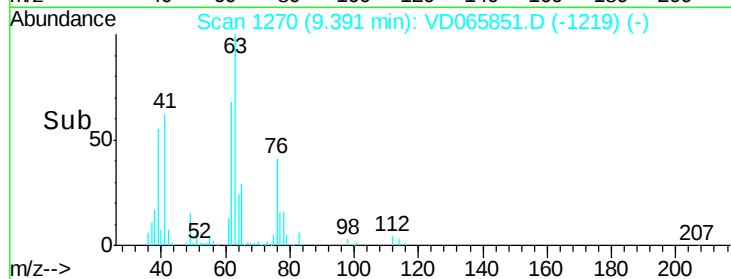
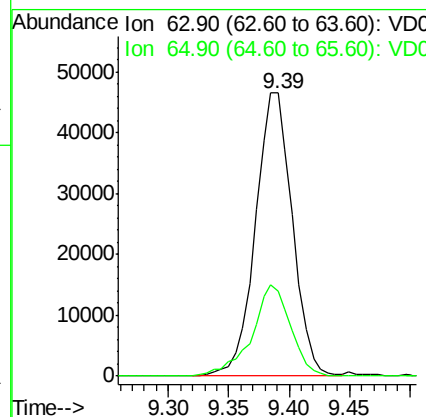
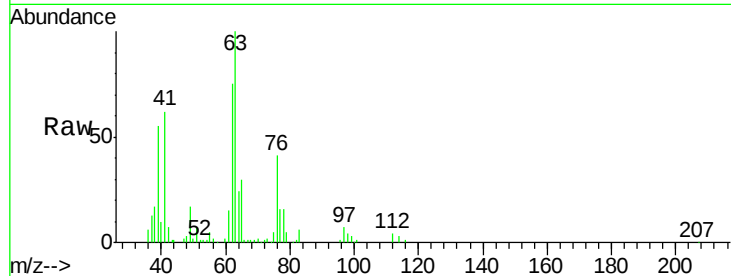
#45
 1,2-Dichloropropane
 Concen: 46.387 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 99370
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.2

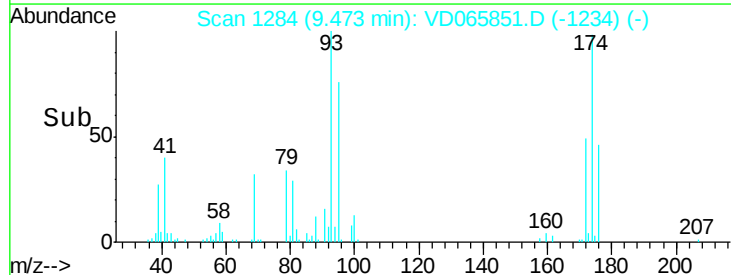
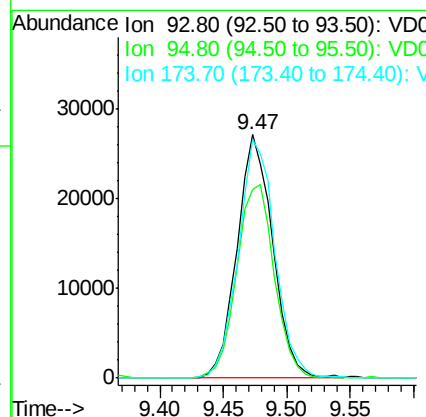
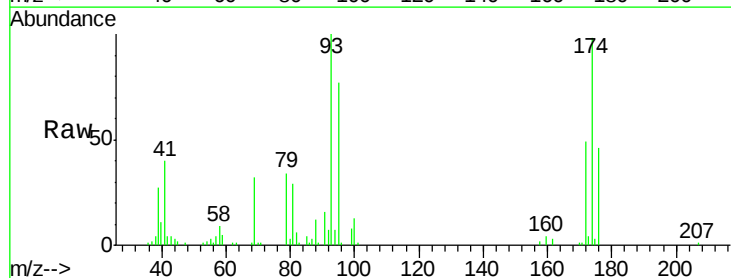
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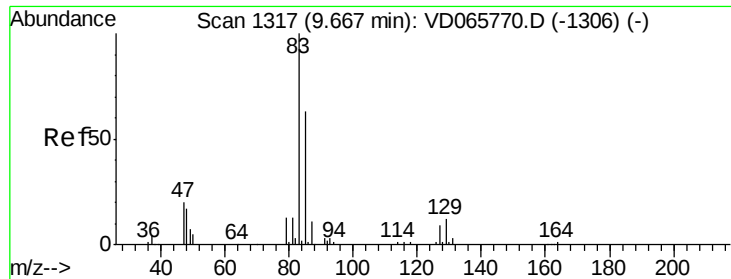
MMDadoda
 6/24/2020 10:52:32 AM



#46
 Dibromomethane
 Concen: 45.503 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 93 Resp: 52866
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.8 98.6
 174 100.9 80.9 121.3





#47

Bromodichloromethane

Concen: 46.270 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

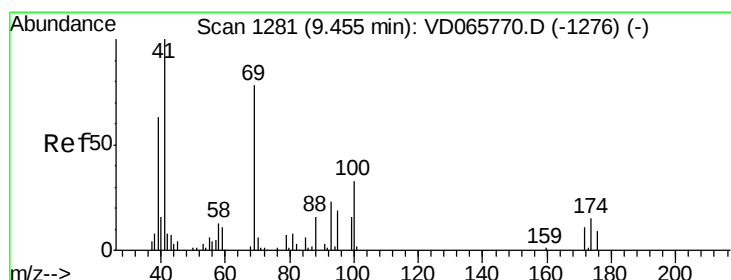
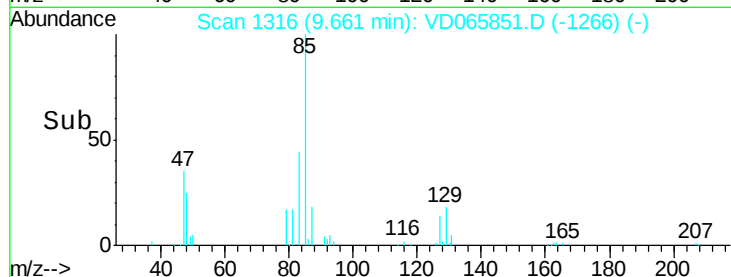
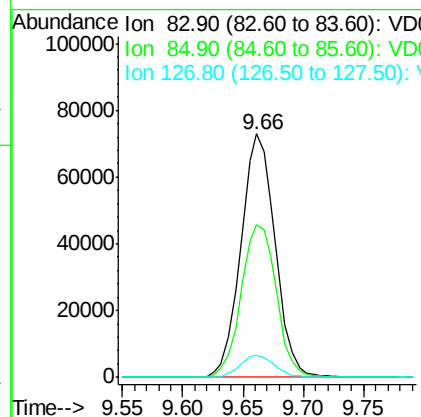
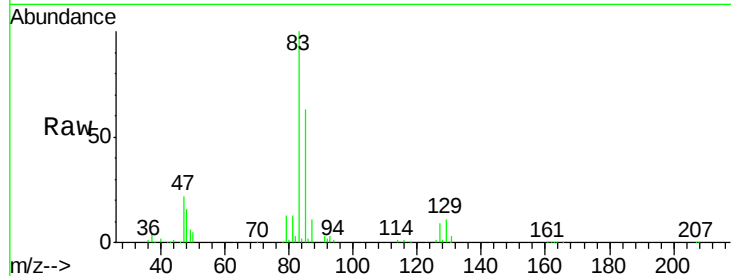
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	144052
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.7	76.1
127	8.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.214 ug/l

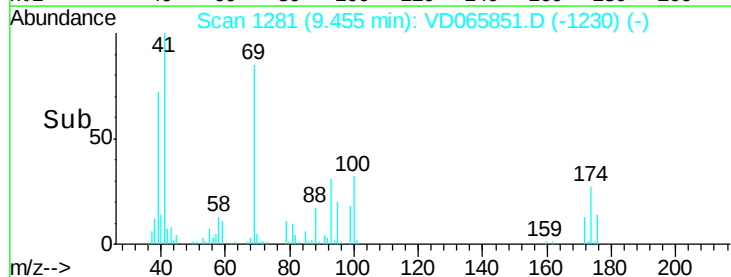
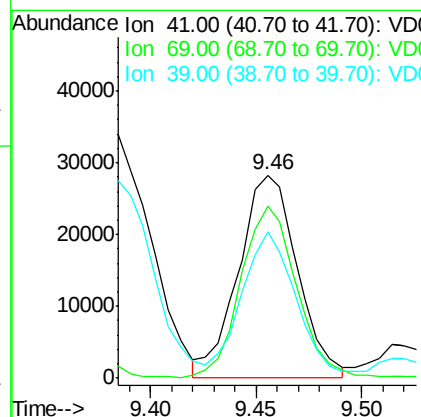
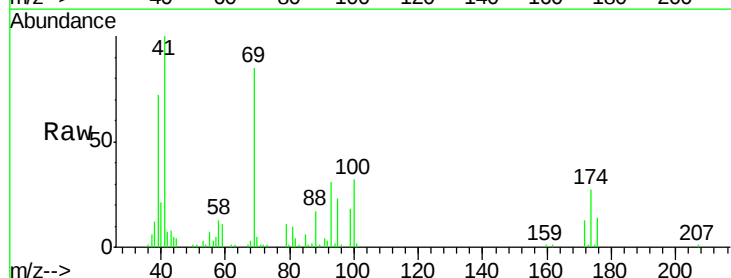
RT: 9.46 min Scan# 1281

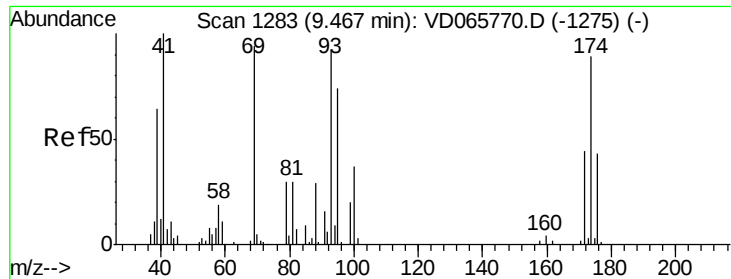
Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion:	41	Resp:	54640
Ion	Ratio	Lower	Upper
41	100		
69	80.7	60.9	91.3
39	60.5	48.1	72.1





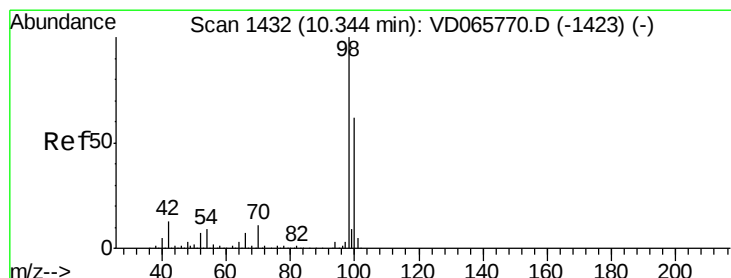
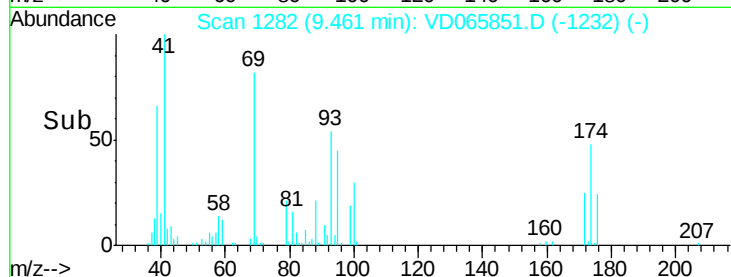
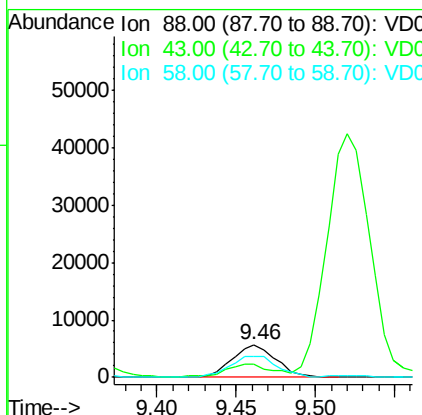
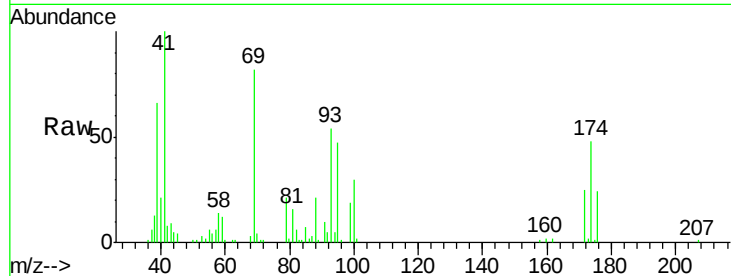
#49
1,4-Dioxane
Concen: 861.797 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	10657
Ion	Ratio	Lower	Upper
88	100		
43	44.9	32.2	48.4
58	71.7	54.9	82.3

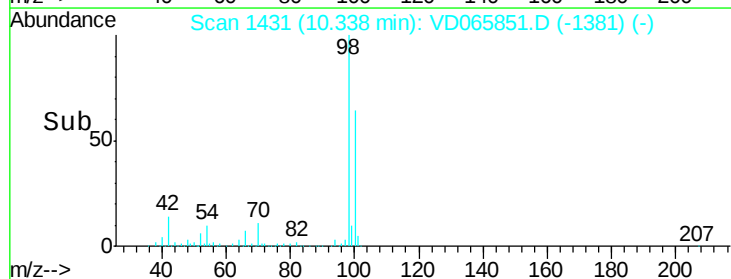
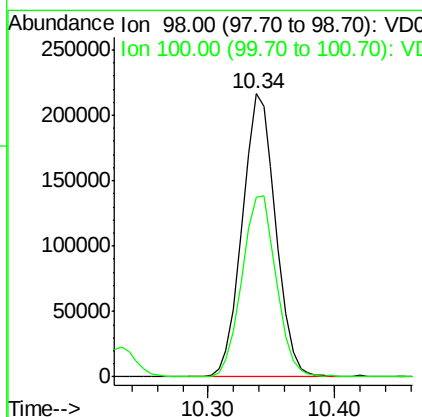
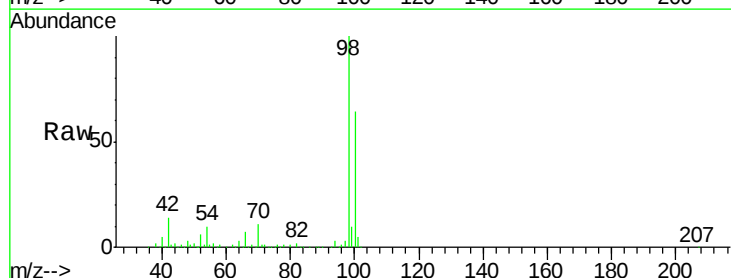
Manual Integrations
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#50
Toluene-d8
Concen: 51.698 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	98	Resp	396416
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.4	77.2





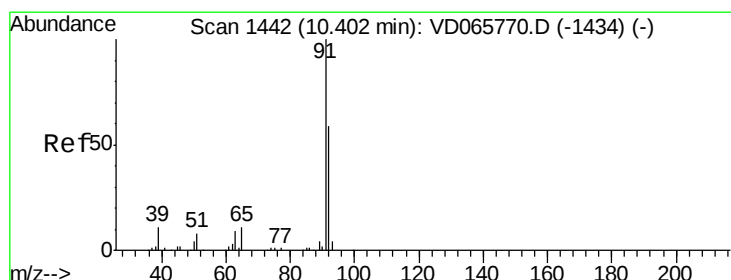
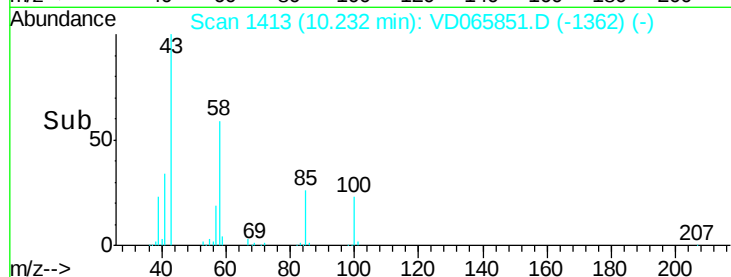
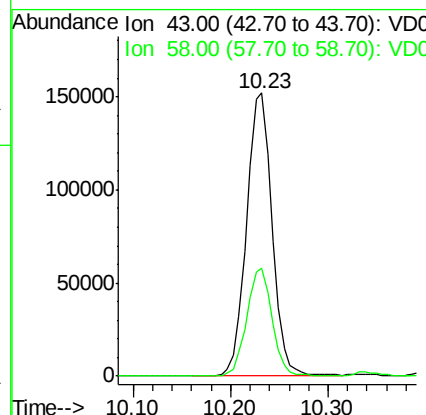
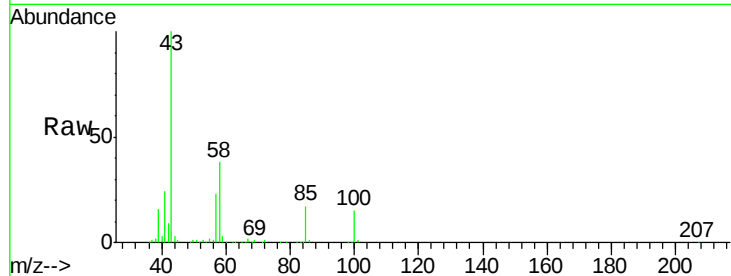
#51
4-Methyl-2-Pentanone
Concen: 232.858 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 278708
Ion Ratio Lower Upper
43 100
58 37.8 30.7 46.1

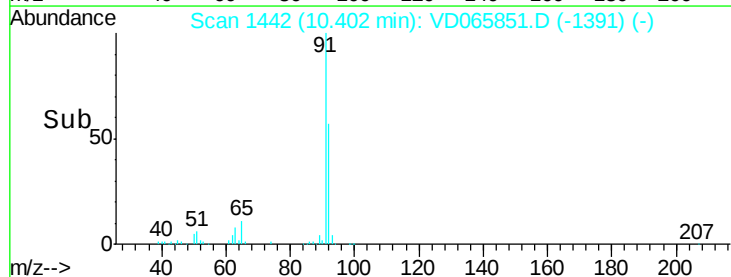
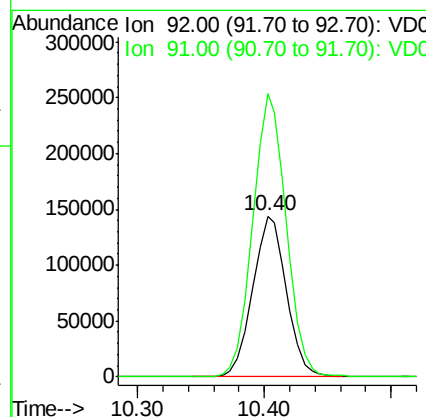
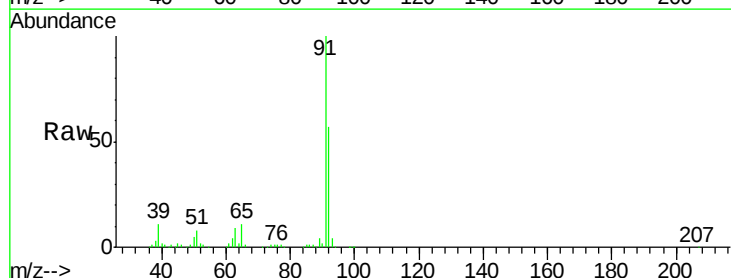
Manual Integrations
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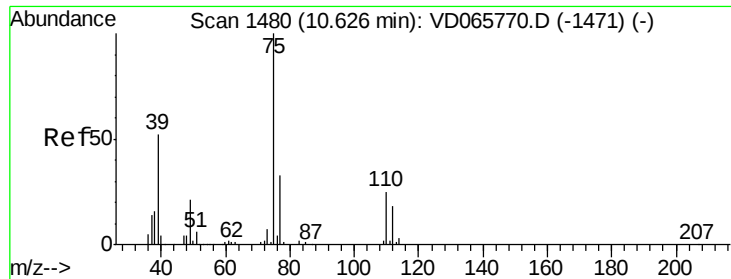
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#52
Toluene
Concen: 47.831 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 92 Resp: 264960
Ion Ratio Lower Upper
92 100
91 174.8 137.8 206.8





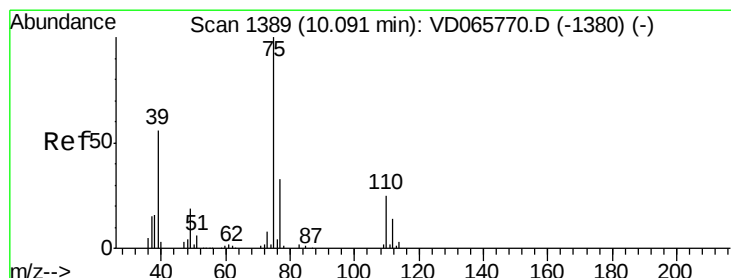
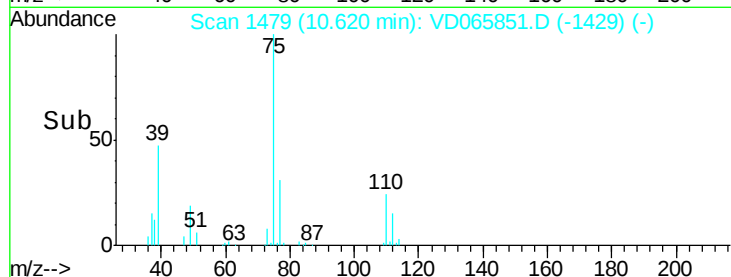
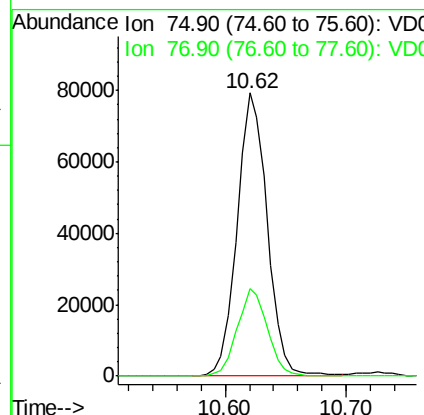
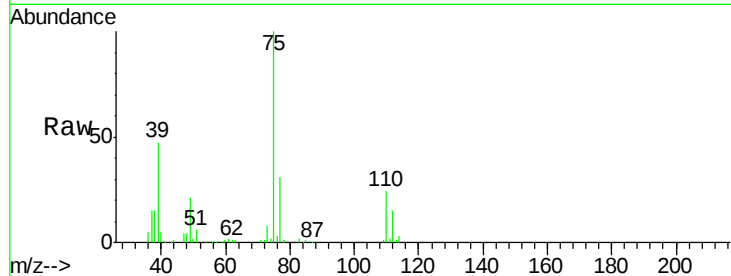
#53
 t-1,3-Dichloropropene
 Concen: 48.829 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 137660
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.4 39.6

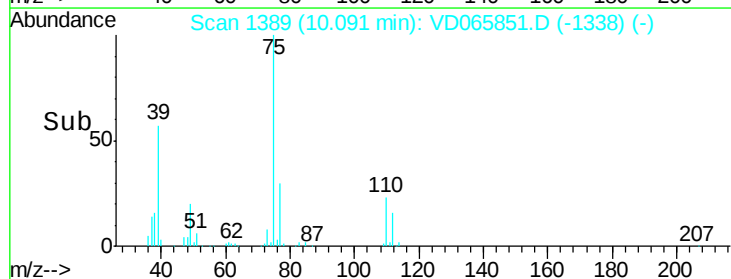
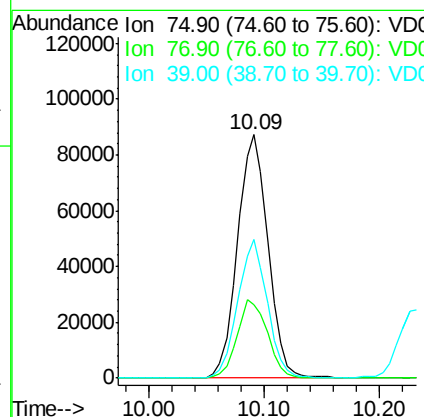
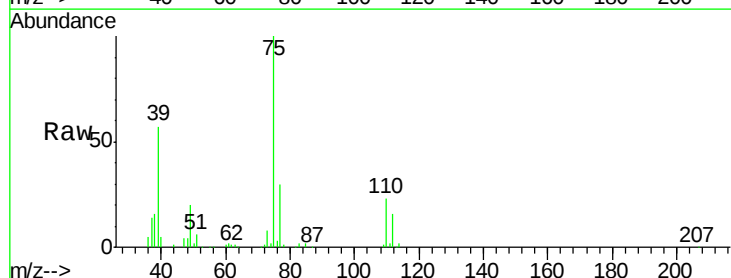
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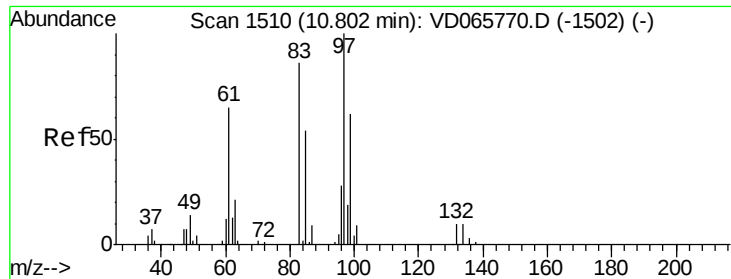
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#54
 cis-1,3-Dichloropropene
 Concen: 47.890 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 75 Resp: 159454
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.0 39.0
 39 56.7 45.0 67.6





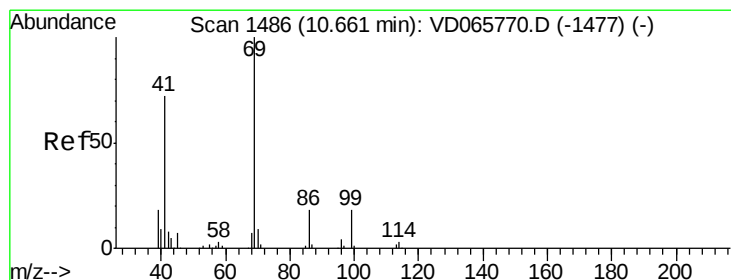
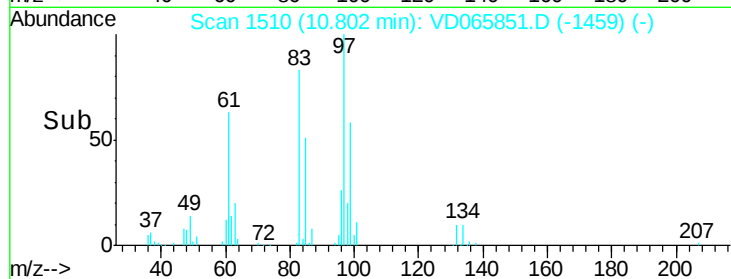
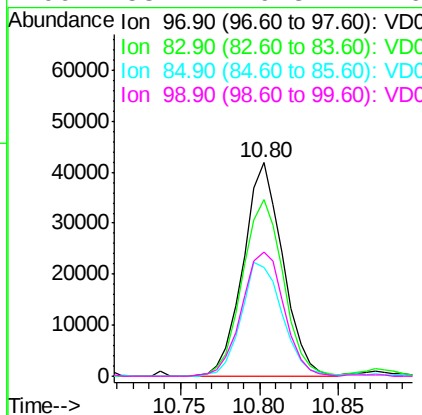
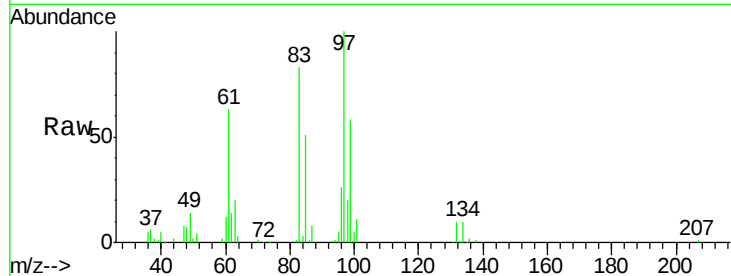
#55
 1,1,2-Trichloroethane
 Concen: 46.822 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.7	103.1
85	50.7	43.0	64.6
99	58.1	49.8	74.6

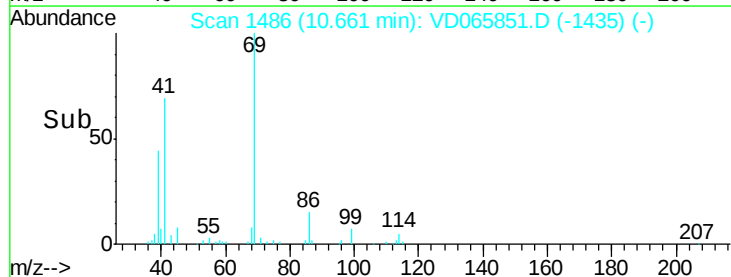
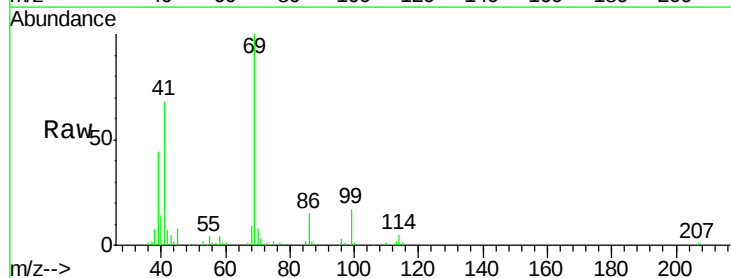
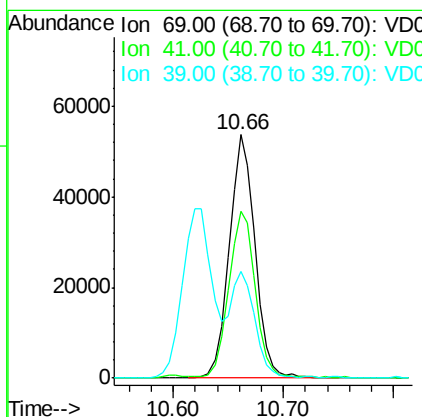
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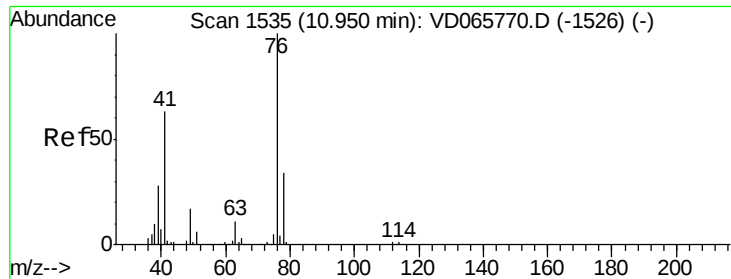
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#56
 Ethyl methacrylate
 Concen: 48.028 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.9	85.3
39	42.9	36.0	54.0





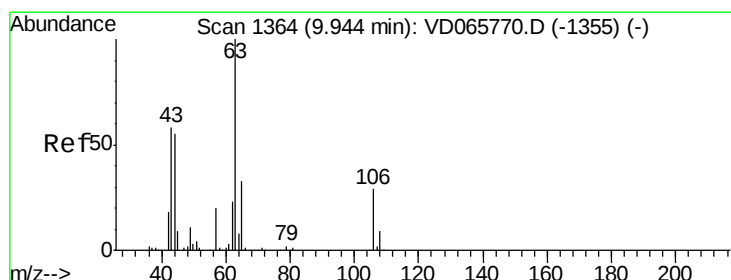
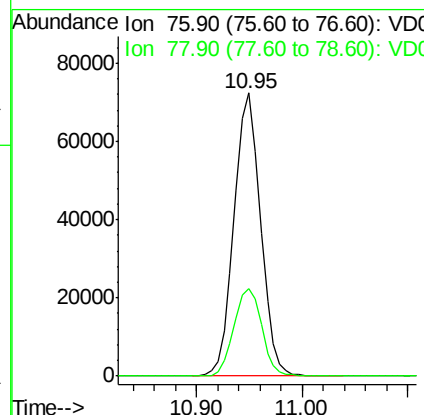
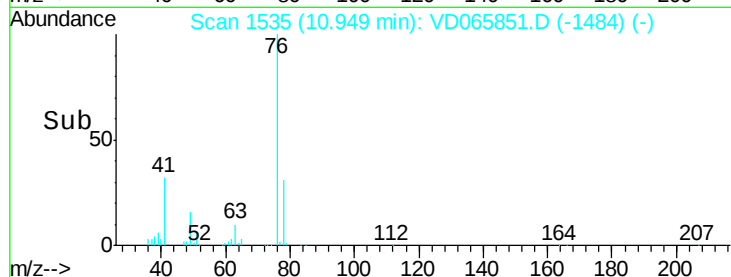
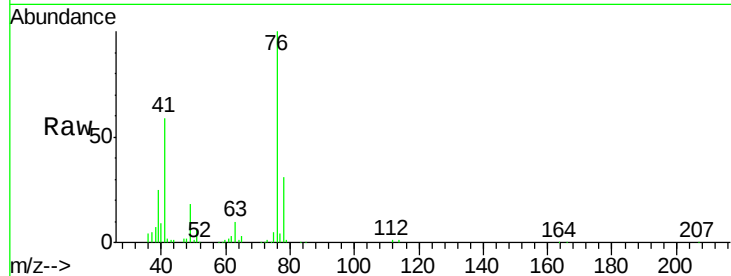
#57
 1,3-Dichloropropane
 Concen: 46.855 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 126014
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5

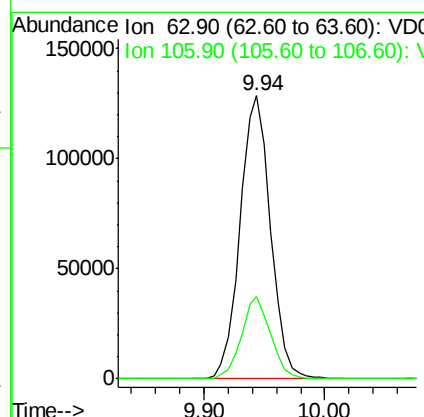
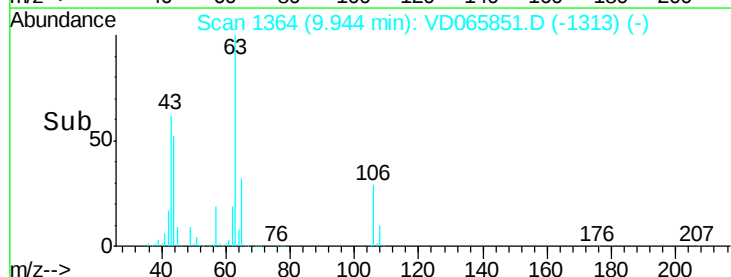
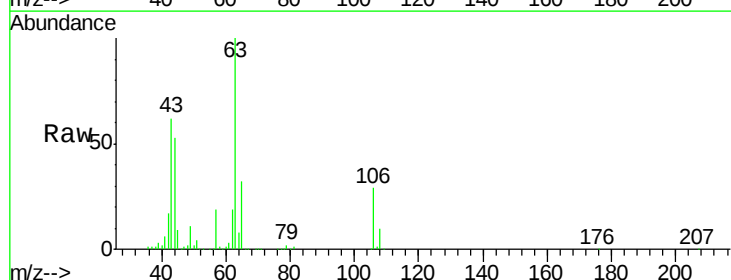
Manual Integrations
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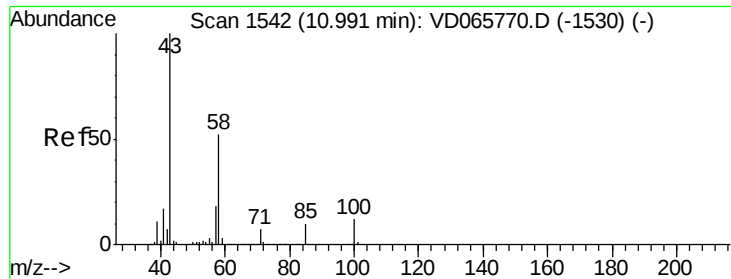
MMDadoda
 6/24/2020 10:52:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.010 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 63 Resp: 225813
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8





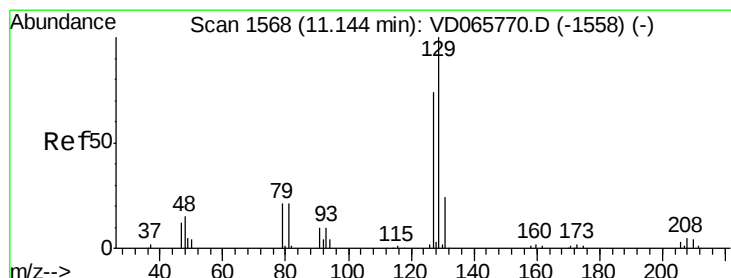
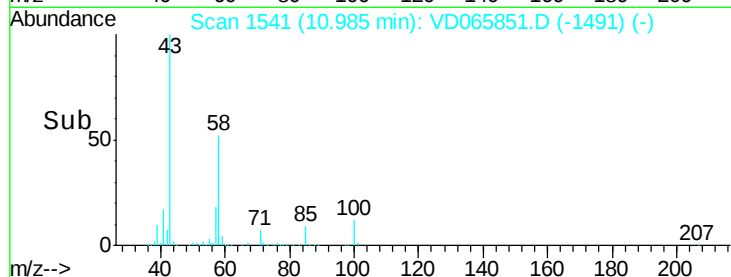
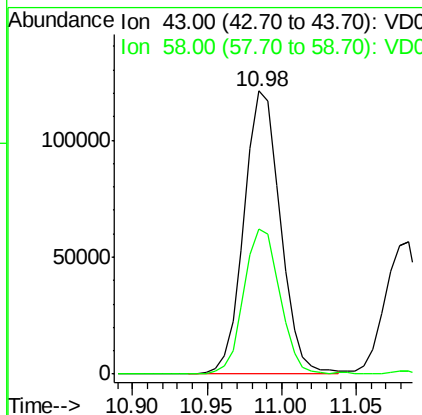
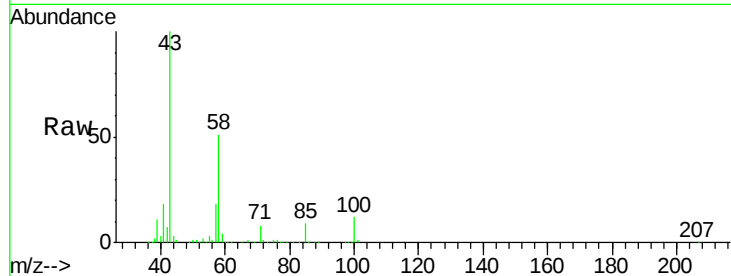
#59
2-Hexanone
Concen: 253.885 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 204870
Ion Ratio Lower Upper
43 100
58 51.0 25.7 77.0

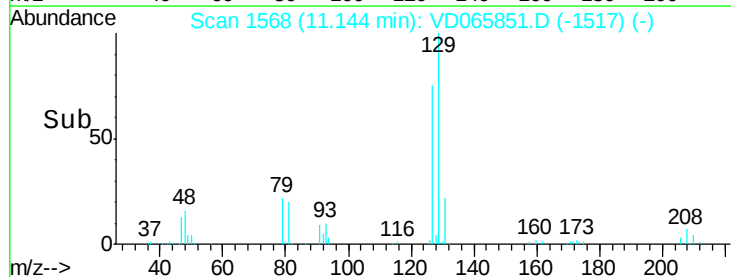
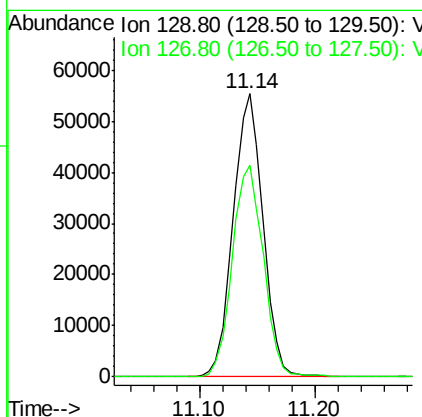
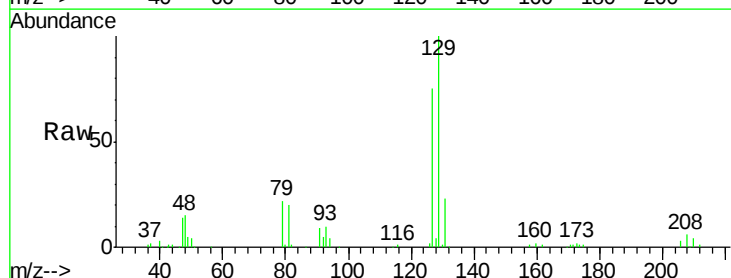
Manual Integrations
APPROVED

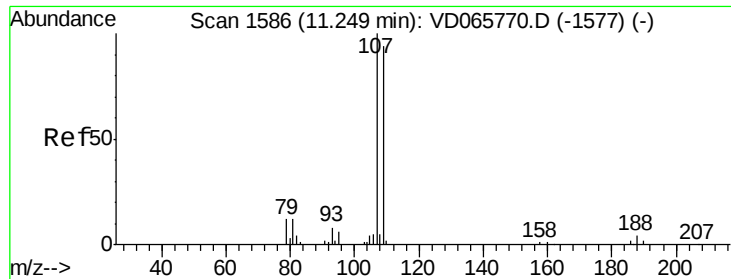
MMDadoda
6/24/2020 10:52:32 AM



#60
Dibromochloromethane
Concen: 47.206 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 129 Resp: 98994
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9





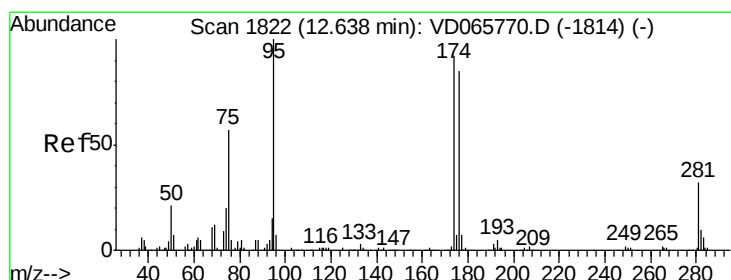
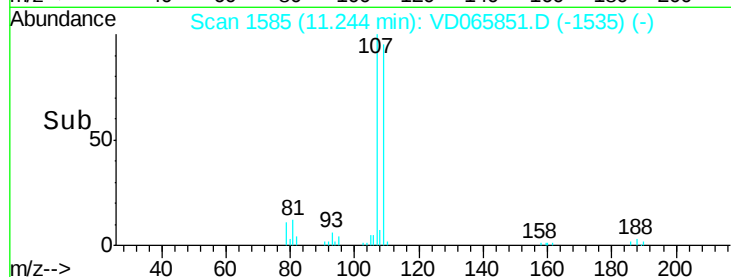
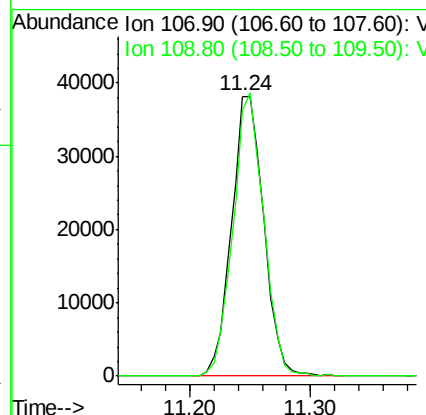
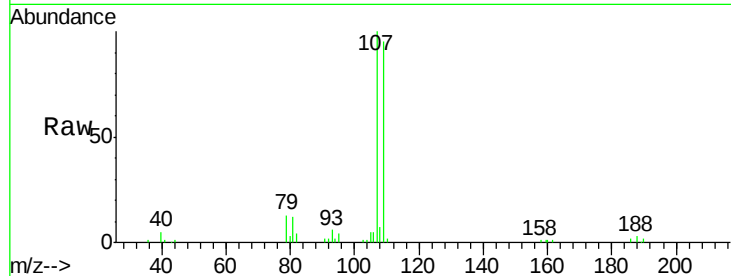
#61
 1,2-Dibromoethane
 Concen: 46.623 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 71127
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.4 111.6

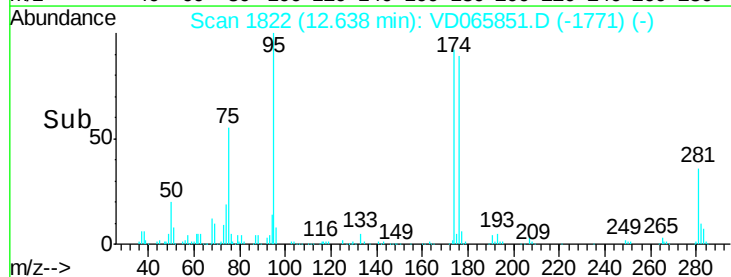
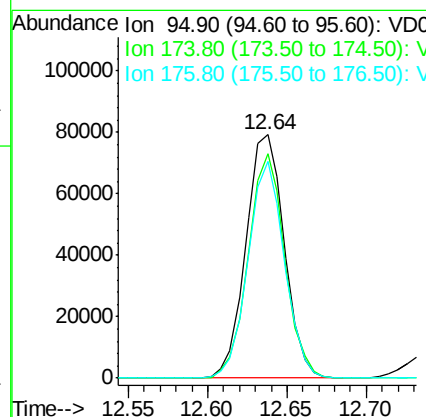
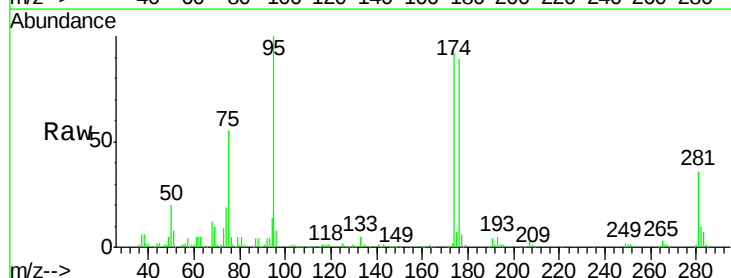
Manual Integrations
 APPROVED

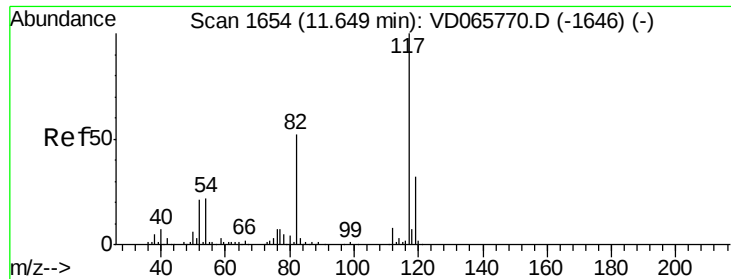
MMDadoda
 6/24/2020 10:52:32 AM



#62
 4-Bromofluorobenzene
 Concen: 51.242 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 95 Resp: 133252
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 175.2
 176 84.3 0.0 163.0





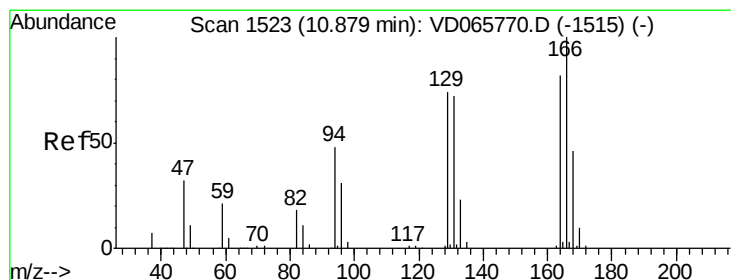
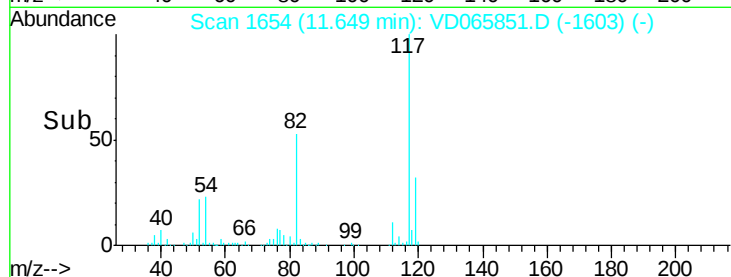
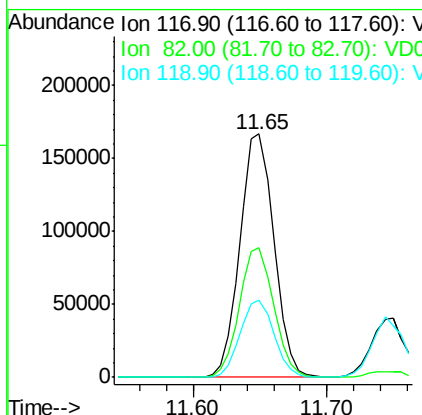
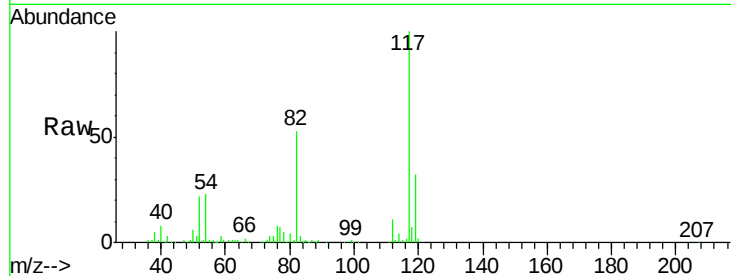
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	294989		
82	53.1		41.9	62.9
119	31.8		25.3	37.9

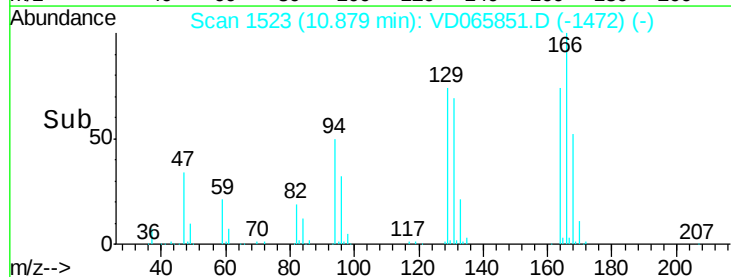
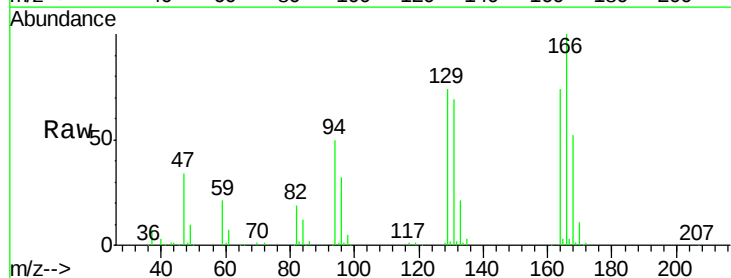
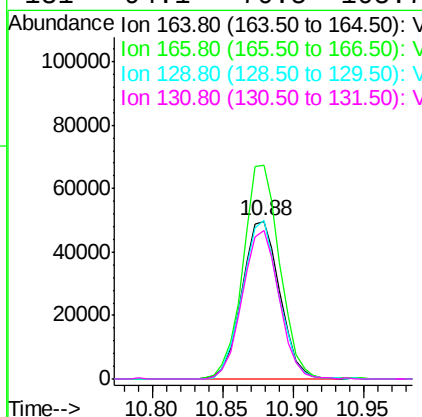
Manual Integrations
APPROVED

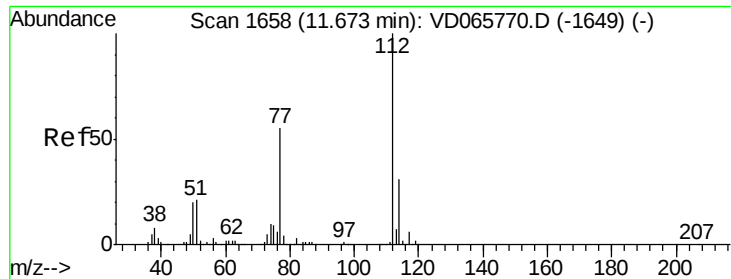
MMDadoda
6/24/2020 10:52:32 AM



#64
Tetrachloroethene
Concen: 46.780 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93314		
166	135.5		98.2	147.2
129	100.3		72.3	108.5
131	94.1		70.5	105.7





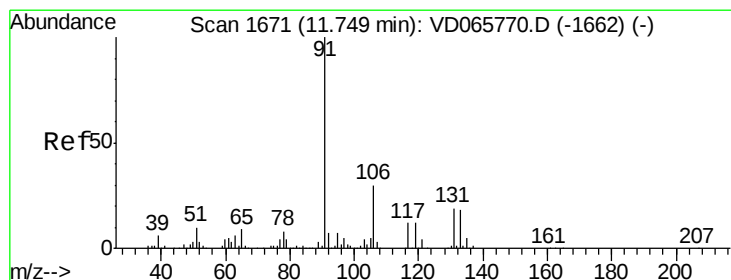
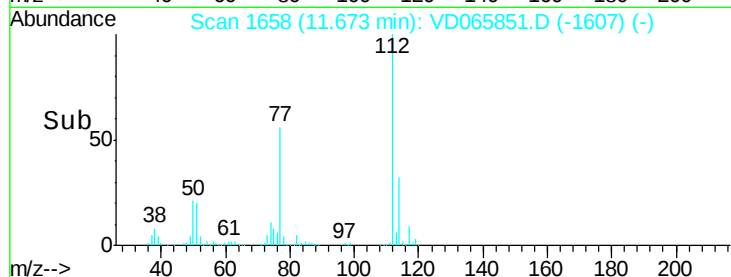
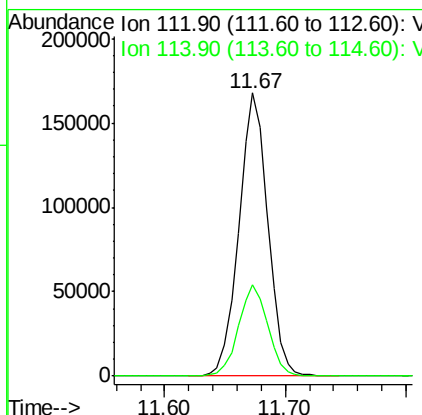
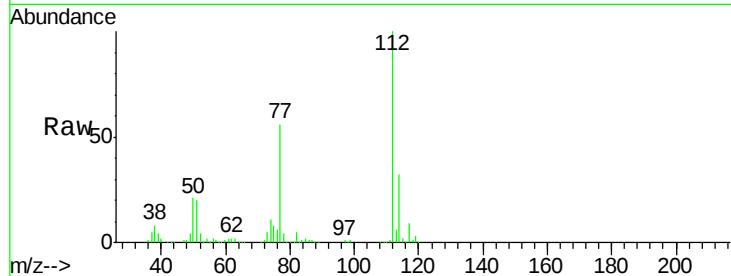
#65
Chlorobenzene
Concen: 48.543 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	24.7	37.1

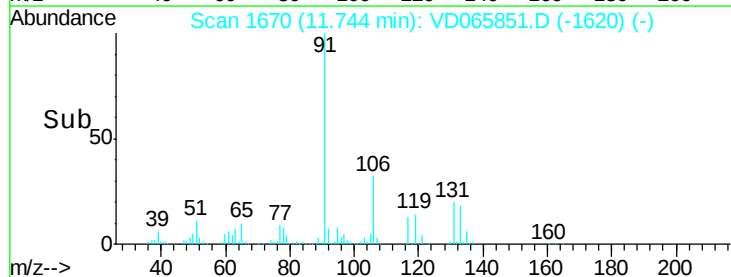
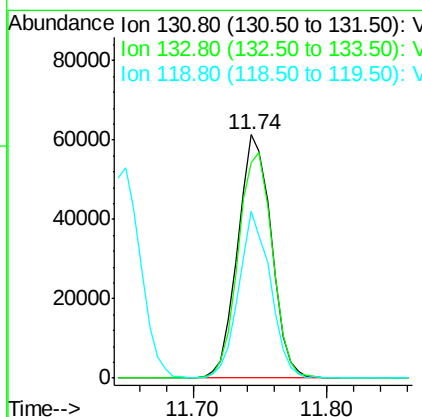
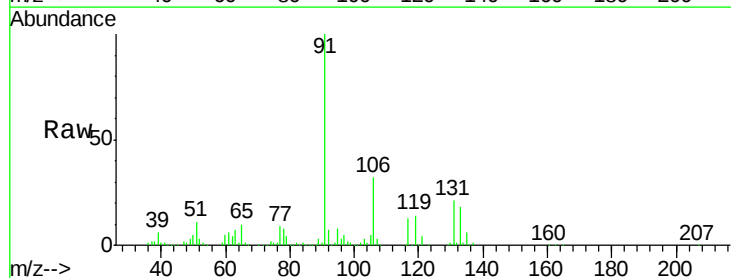
Manual Integrations
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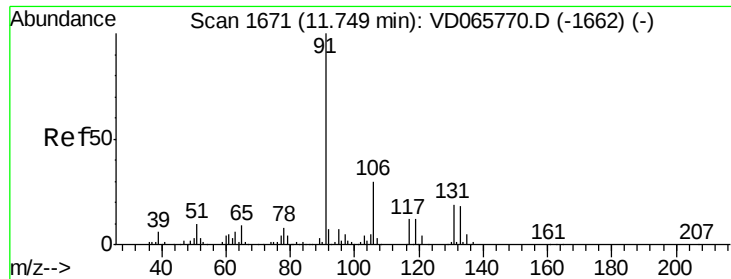
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.902 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	141.9
119	64.6	31.6	94.8





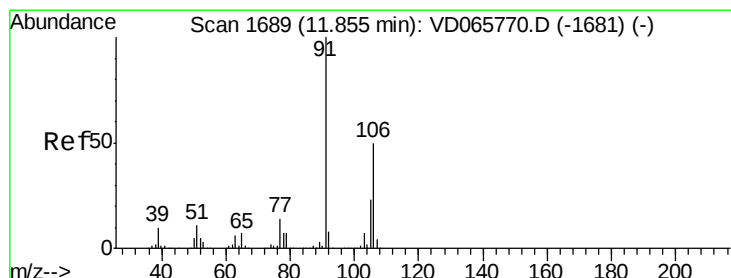
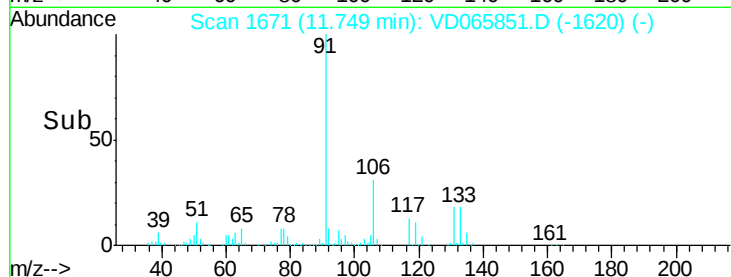
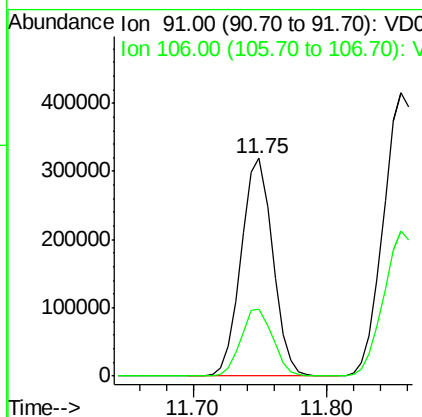
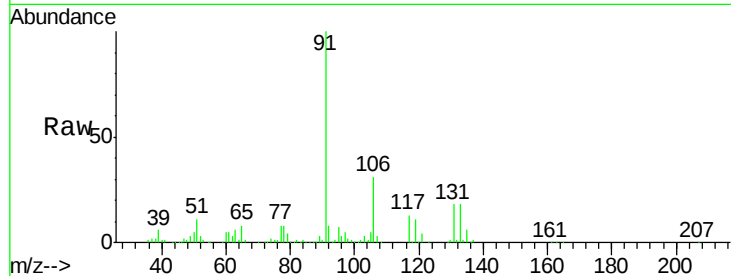
#67
Ethyl Benzene
Concen: 50.912 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 523776
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

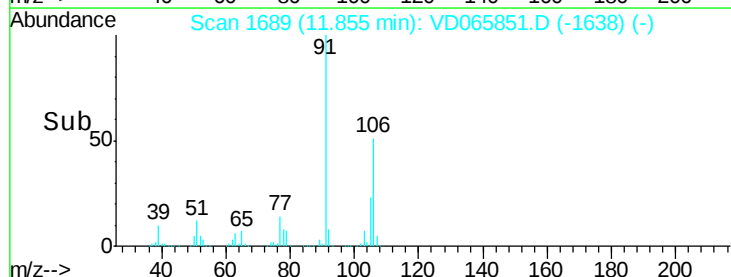
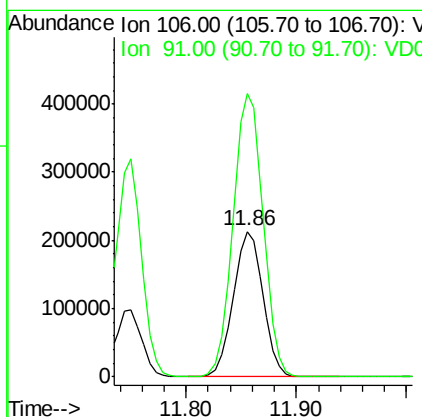
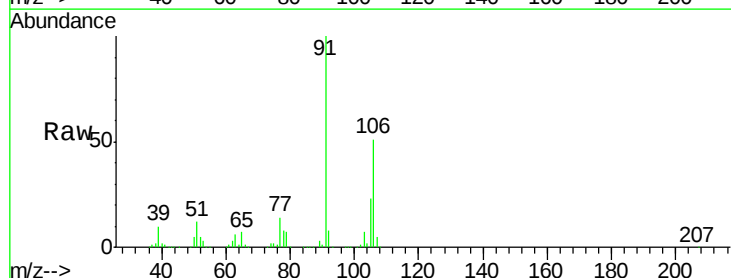
Manual Integrations
APPROVED

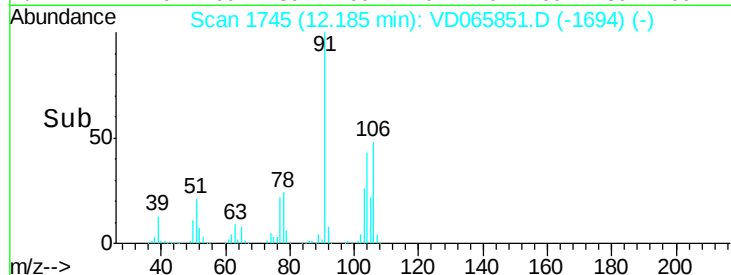
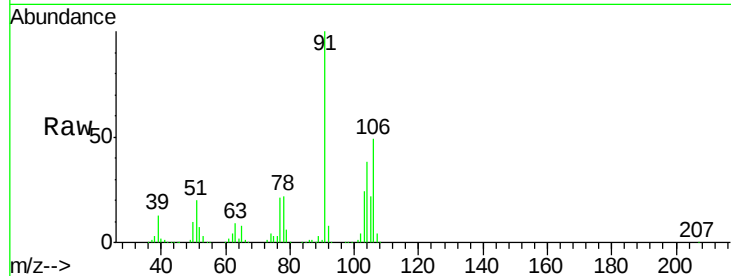
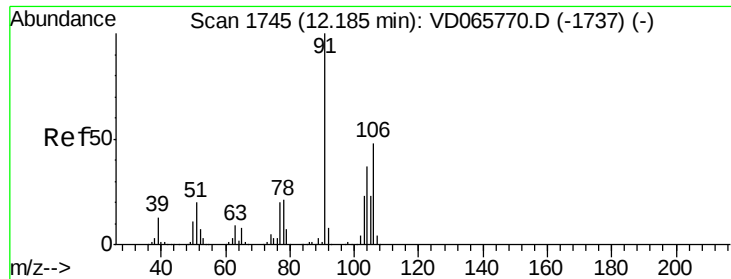
MMDadoda
6/24/2020 10:52:32 AM



#68
m/p-Xylenes
Concen: 101.395 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 106 Resp: 401800
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.2





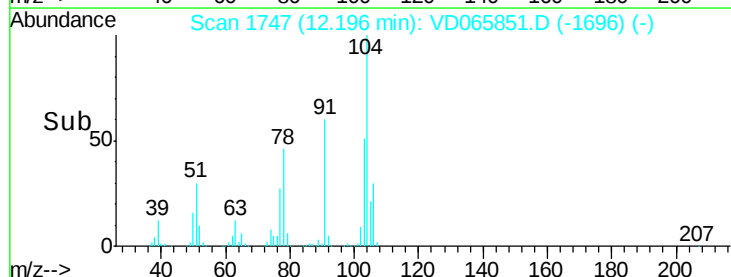
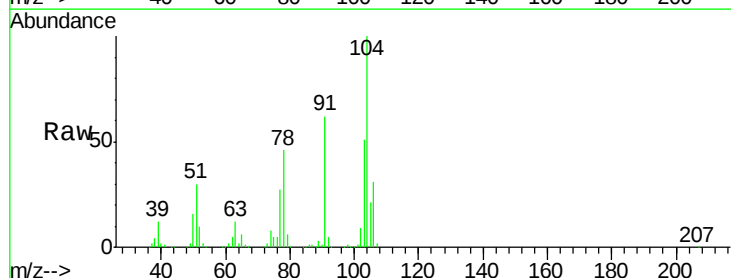
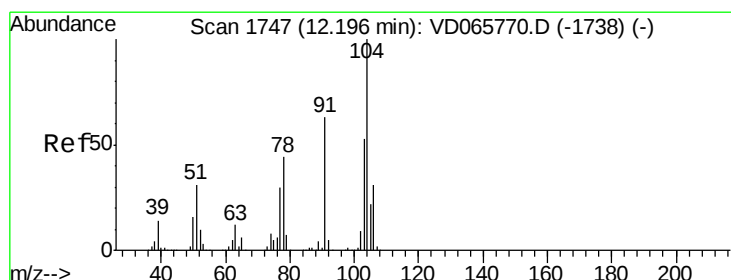
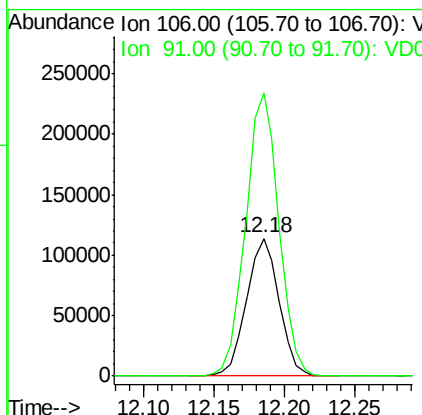
#69
o-Xylene
Concen: 51.605 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tot Ion:106 Resp: 184380
Ion Ratio Lower Upper
106 100
91 209.2 105.3 315.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

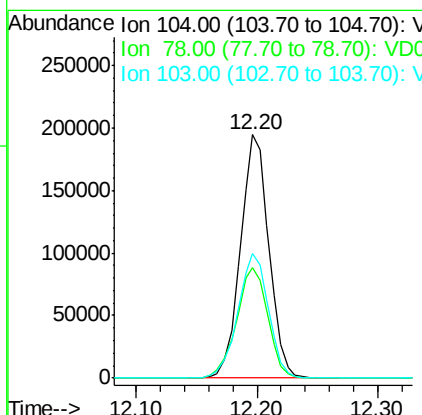
Manual Integrations
APPROVED

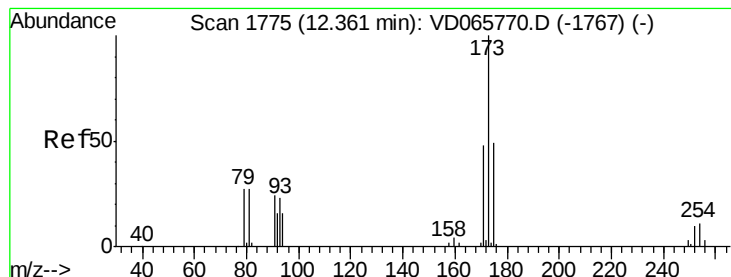
MMDadoda
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#70
Styrene
Concen: 51.524 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion:104 Resp: 318687
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 47.384 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

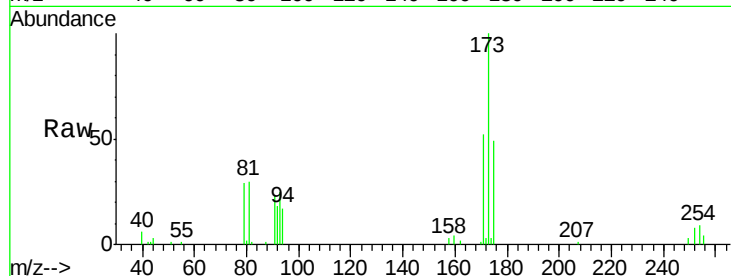
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.8	74.4
254	0.0	0.0	0.0

Manual Integrations
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MMDadoda
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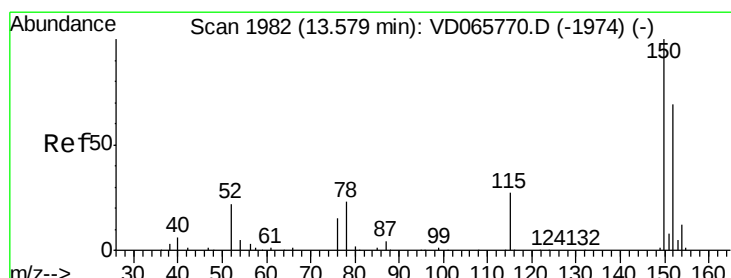
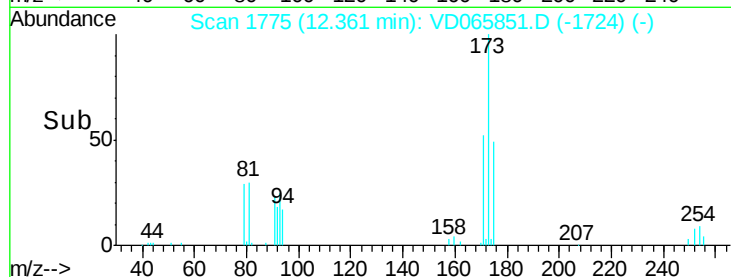
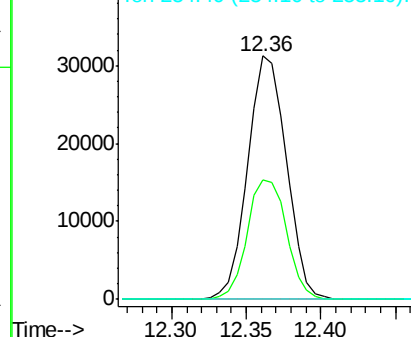


Abundance

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

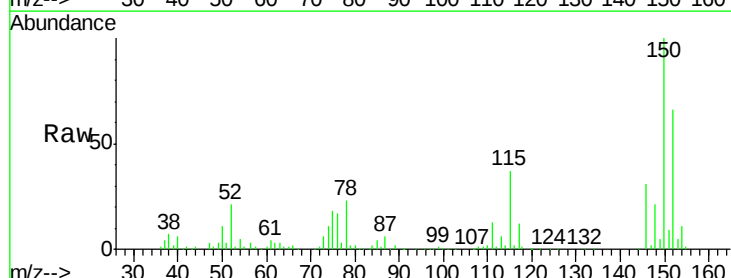
RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.7	86.1
150	169.6	0.0	348.0

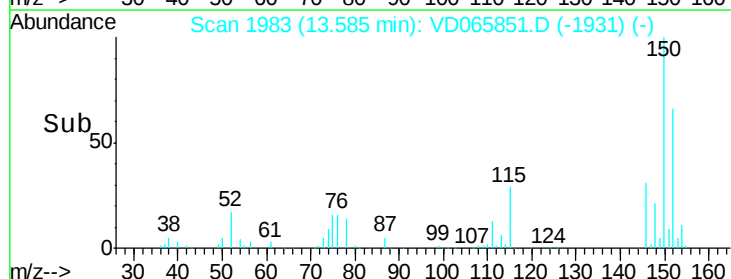
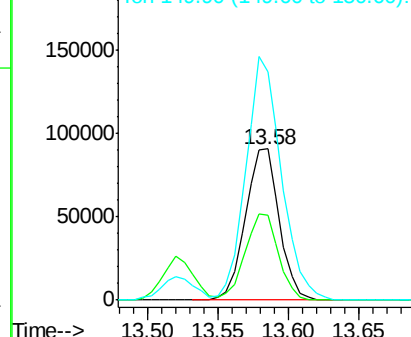


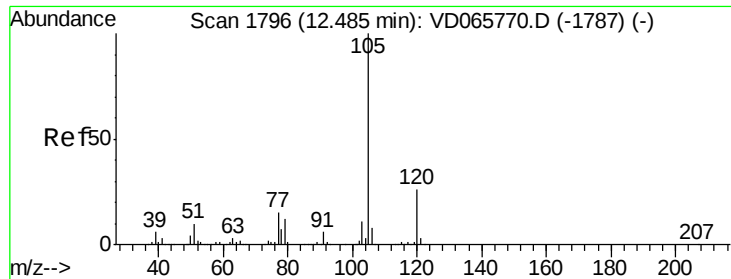
Abundance

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





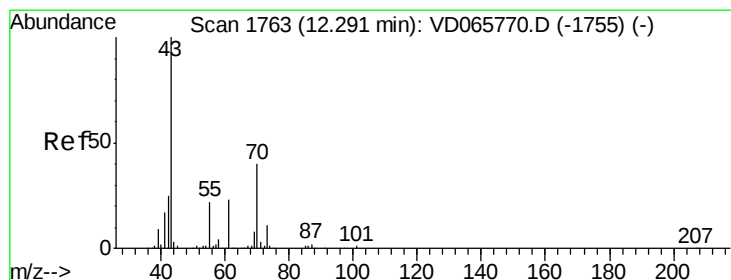
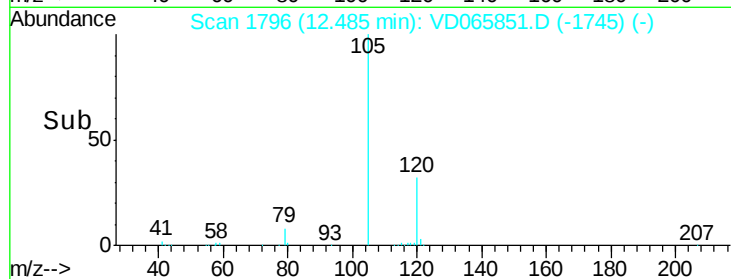
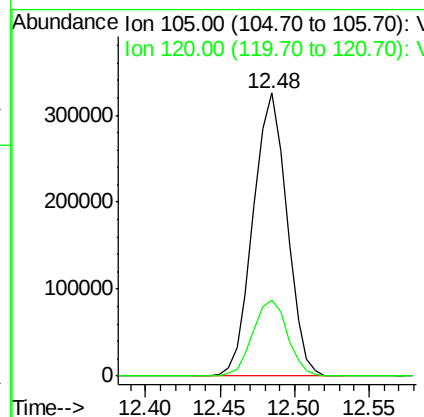
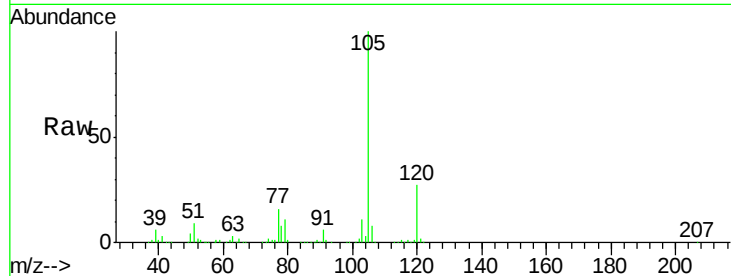
#73
Isopropylbenzene
Concen: 50.268 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	510398		
120	27.5		13.5	40.5

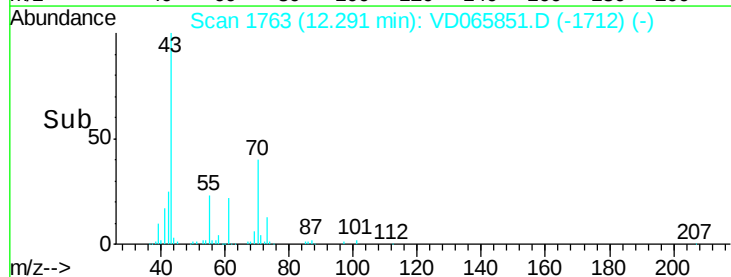
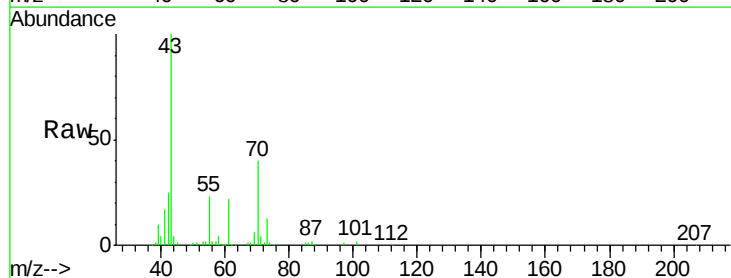
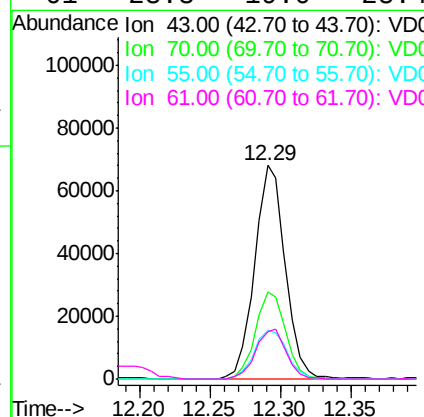
Manual Integrations
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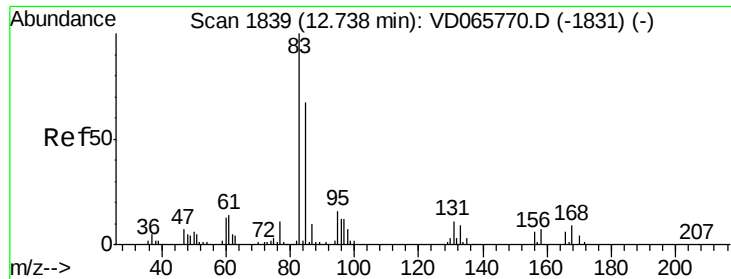
MMDadoda
6/24/2020 10:52:32 AM



#74
N-ethyl acetate
Concen: 45.849 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	103569		
70	40.4		32.3	48.5
55	24.6		19.0	28.4
61	23.3		19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.755 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

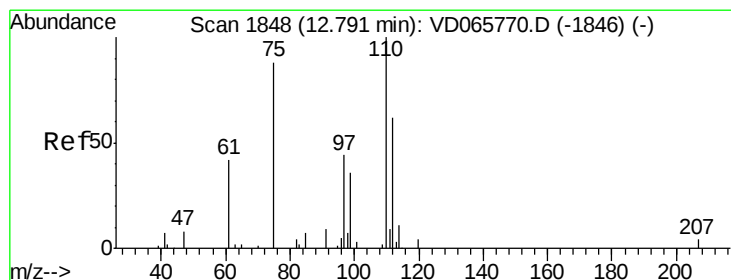
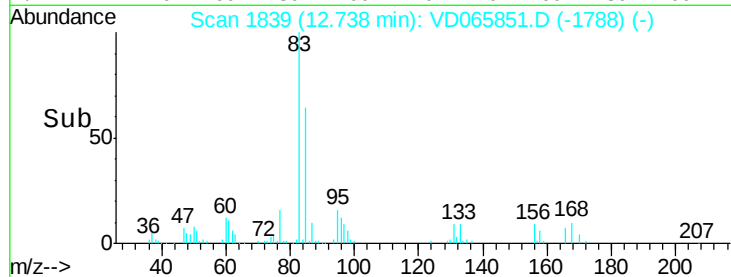
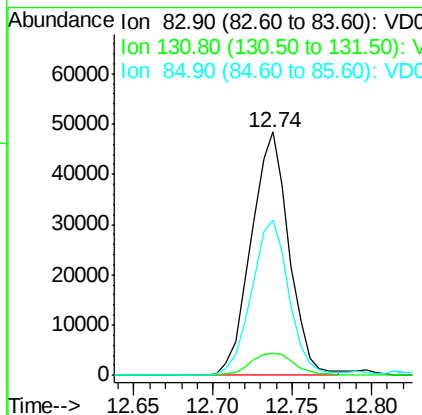
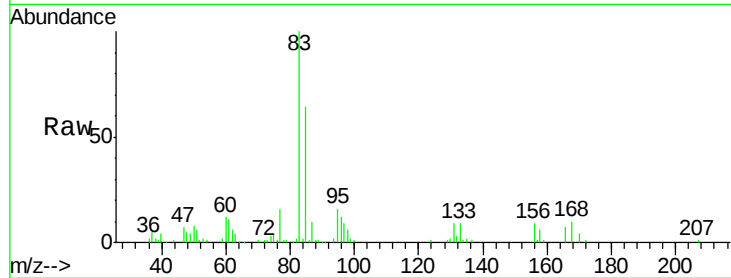
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	80173
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	63.3	32.5	97.5

Manual Integrations
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6/24/2020 10:52:32 AM



#76

1,2,3-Trichloropropane

Concen: 48.802 ug/l m

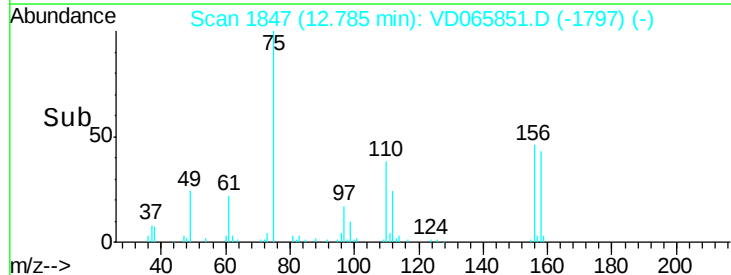
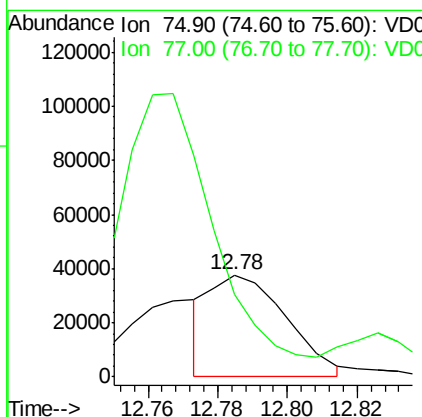
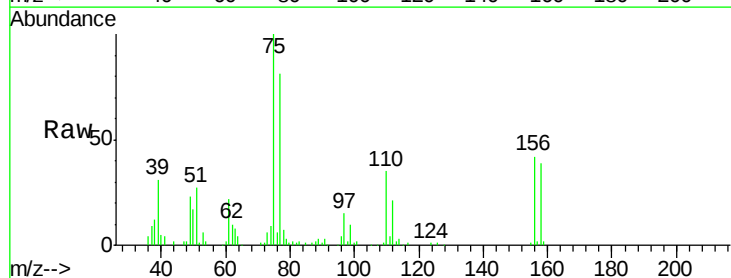
RT: 12.78 min Scan# 1847

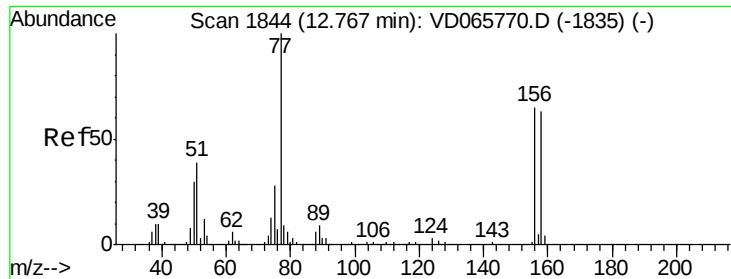
Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion:	75	Resp:	57477
Ion Ratio	Lower	Upper	
75	100		
77	355.5	0.0	0.0#





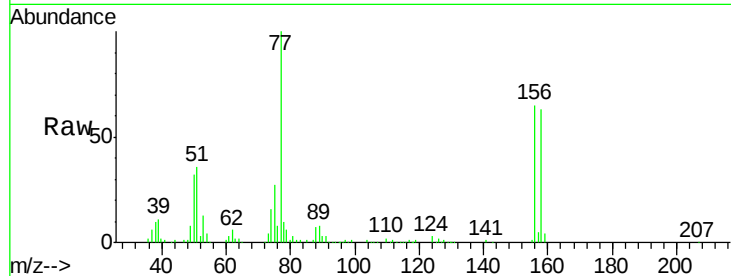
#77
Bromobenzene
Concen: 48.717 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

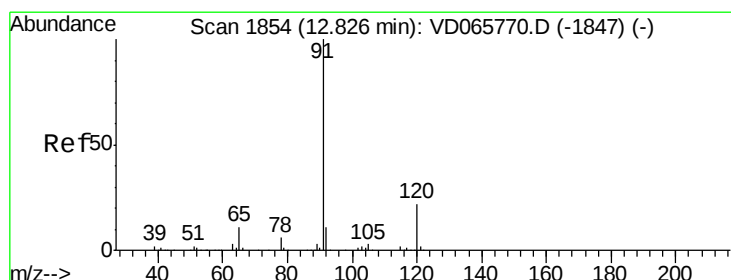
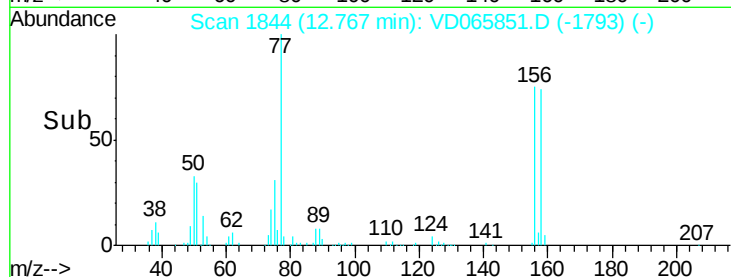
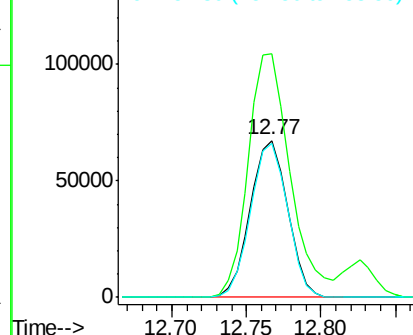
Tot Ion	Ratio	Lower	Upper
156	100		
77	174.6	87.3	261.8
158	97.3	48.0	144.0

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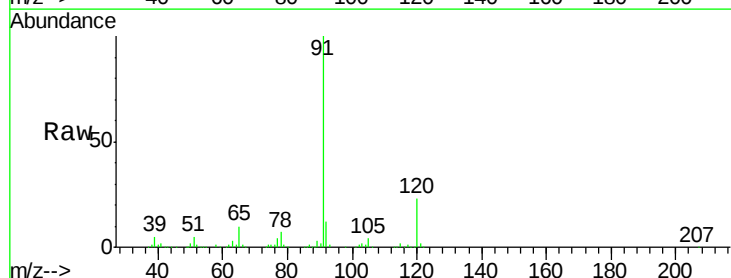


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

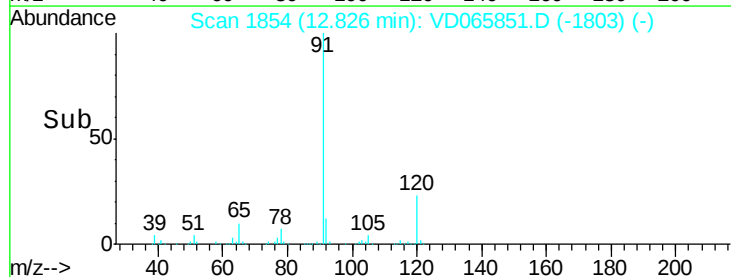
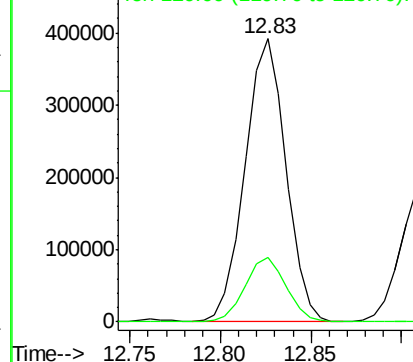


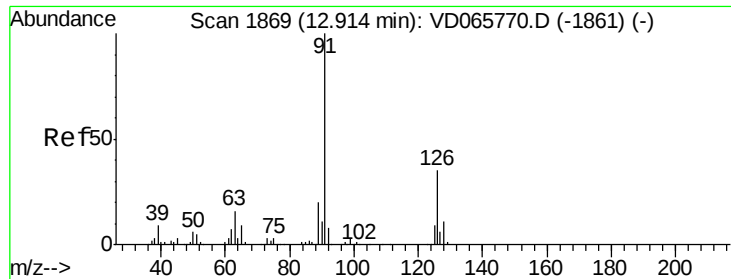
#78
n-propylbenzene
Concen: 50.055 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.8



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





#79

2-Chlorotoluene

Concen: 49.534 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 332114

Ion Ratio Lower Upper

91 100

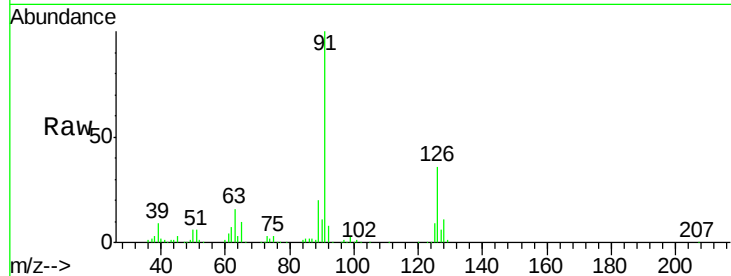
126 34.8 17.5 52.6

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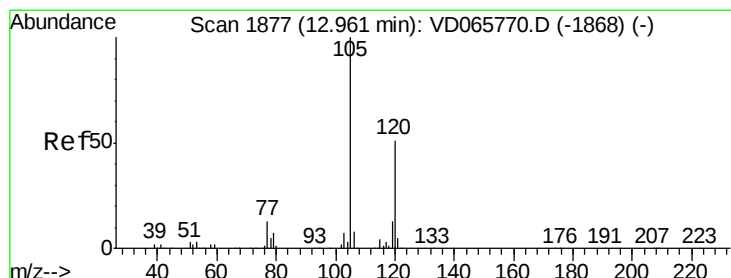
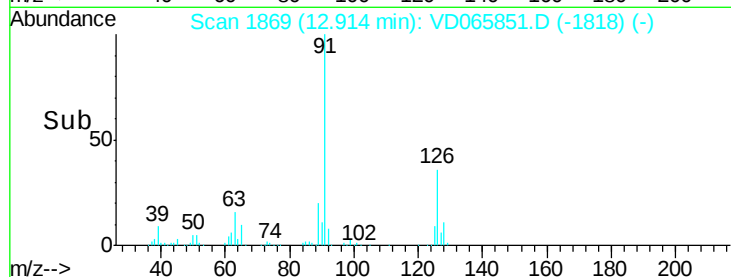
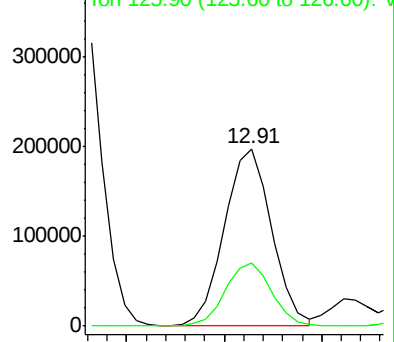
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Abundance Ion 91.00 (90.70 to 91.70): VD065770.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.529 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065851.D

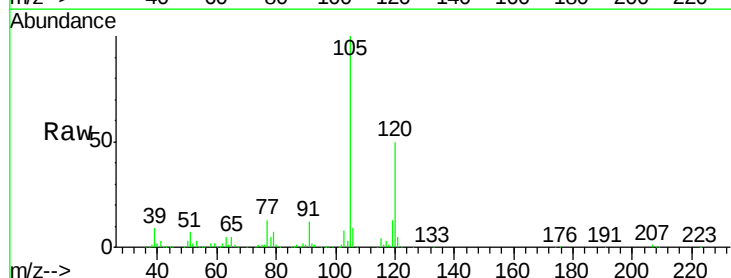
Acq: 23 Jun 2020 10:45

Tgt Ion: 105 Resp: 426938

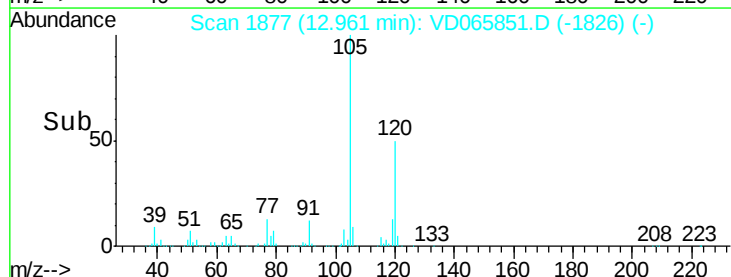
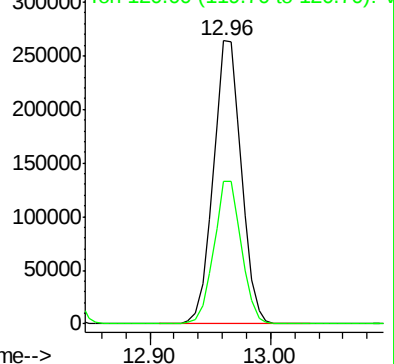
Ion Ratio Lower Upper

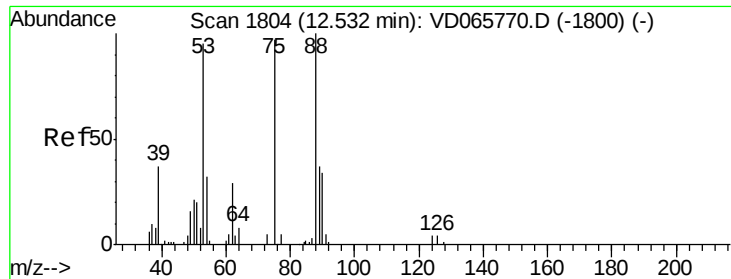
105 100

120 49.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065770.D (-1868) (-)





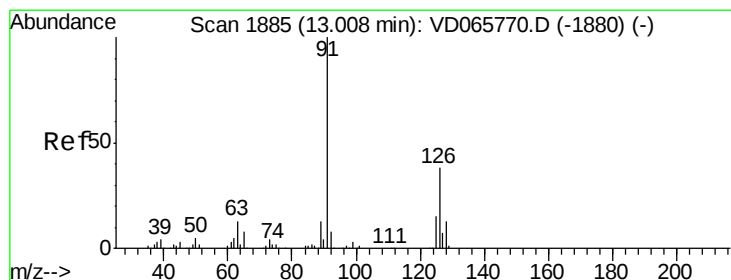
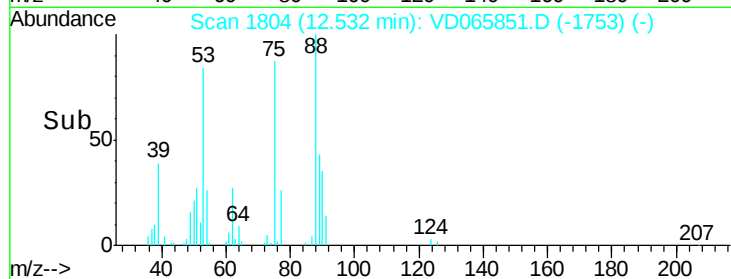
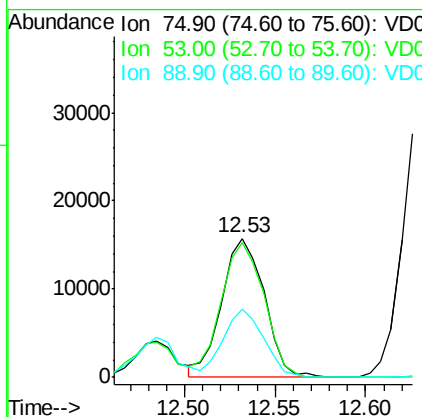
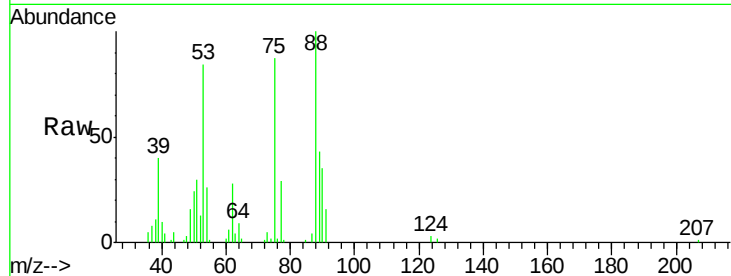
#81
trans-1,4-Dichloro-2-butene
Concen: 47.198 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	82.6	123.8
89	46.5	35.9	53.9

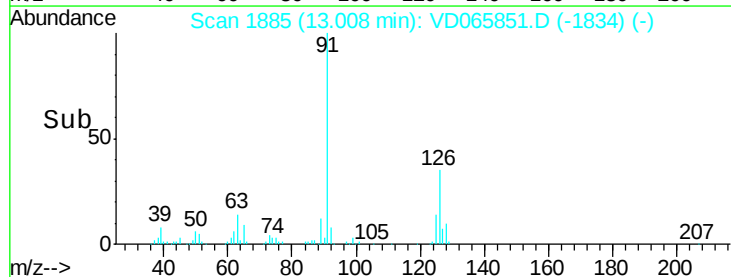
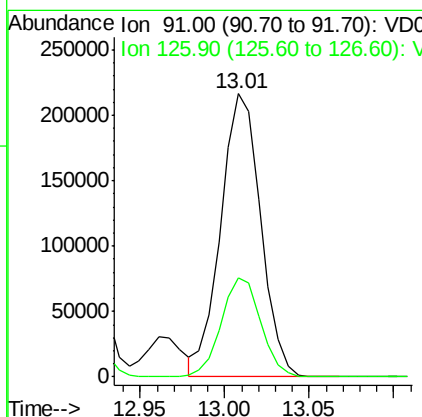
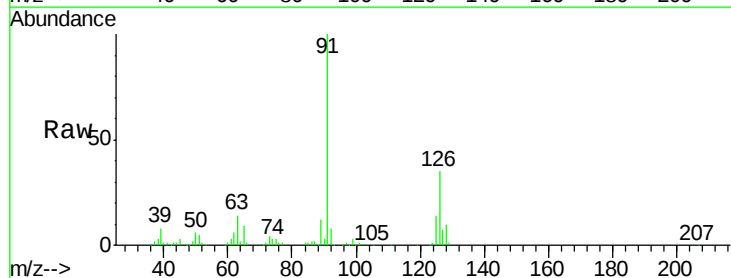
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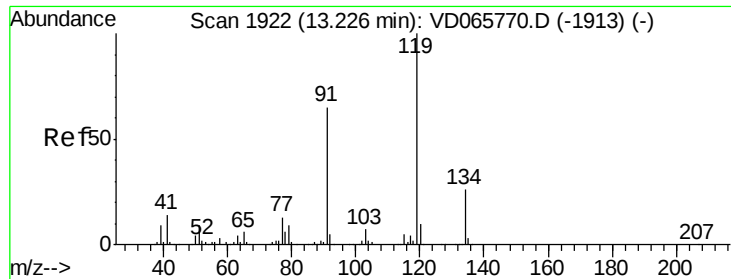
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#82
4-Chlorotoluene
Concen: 49.403 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.6	52.8





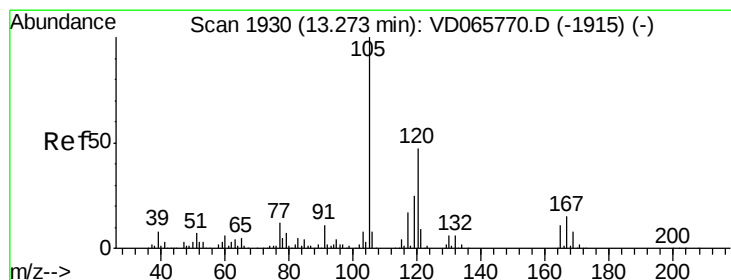
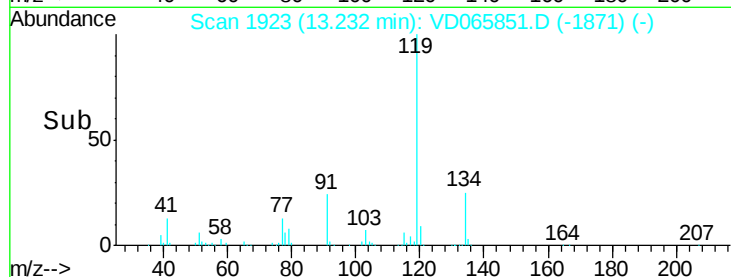
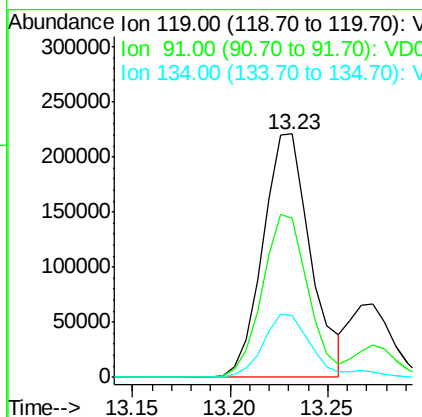
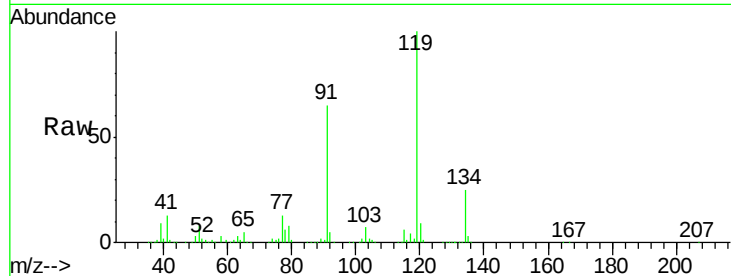
#83
tert-Butylbenzene
Concen: 51.016 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	374018		
91	64.0		32.0	96.0
134	27.2		13.8	41.4

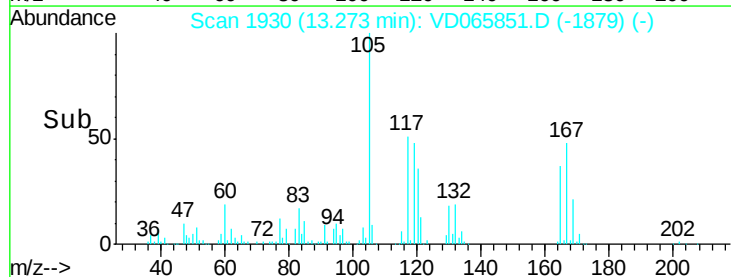
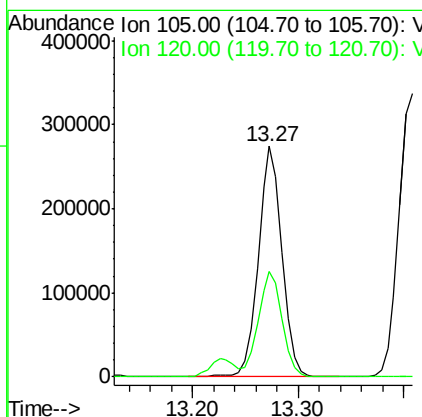
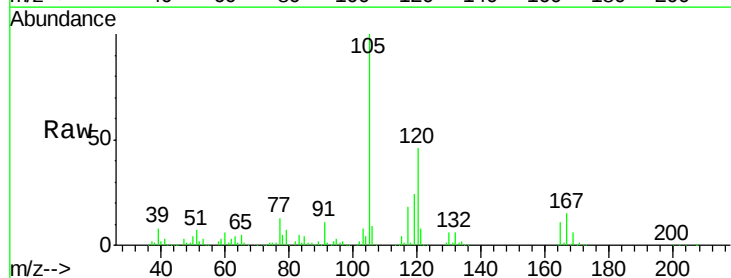
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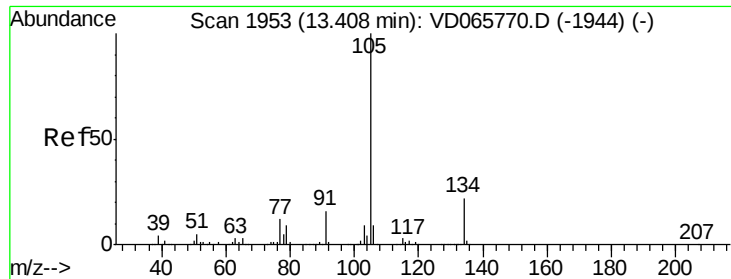
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#84
1,2,4-Trimethylbenzene
Concen: 50.340 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	425735		
120	46.5		23.3	69.8





#85

sec-Butylbenzene

Concen: 51.728 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 527778

Ion Ratio Lower Upper

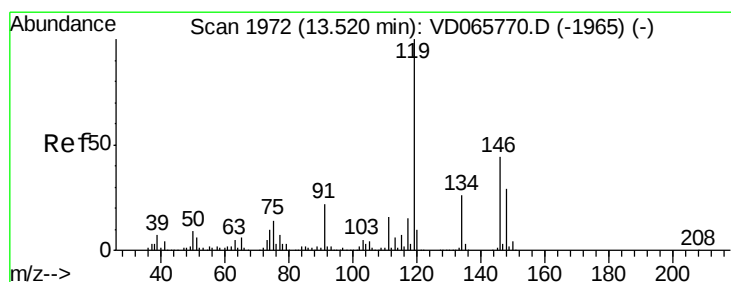
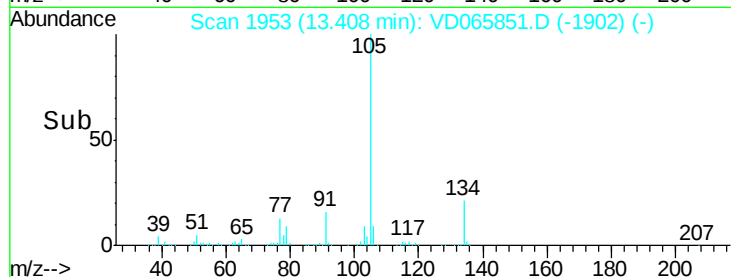
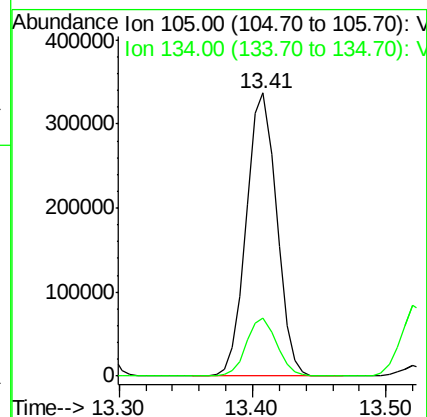
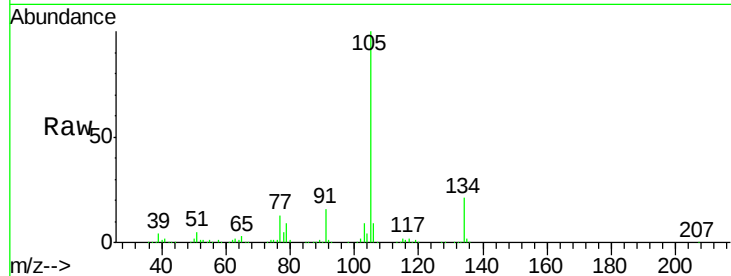
105 100

134 20.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 51.780 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

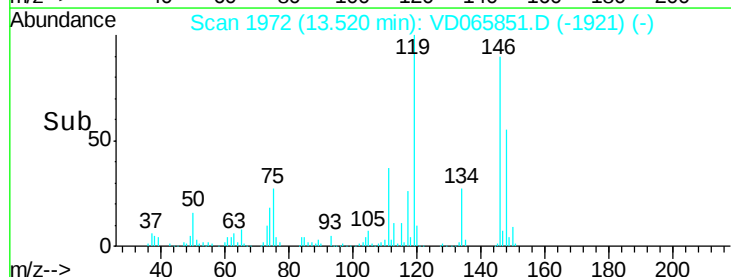
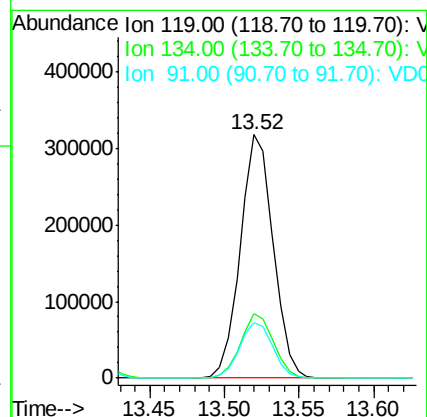
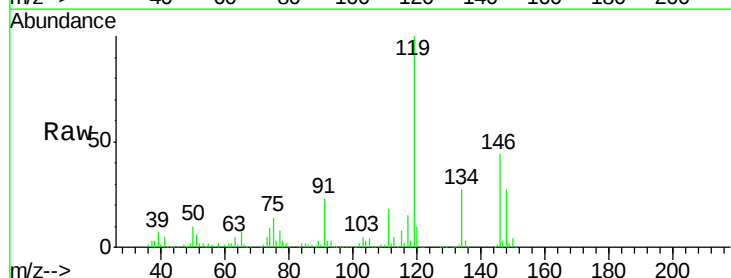
Tgt Ion:119 Resp: 484222

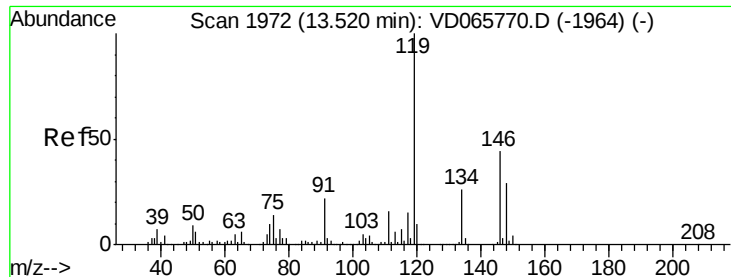
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.3 11.8 35.4





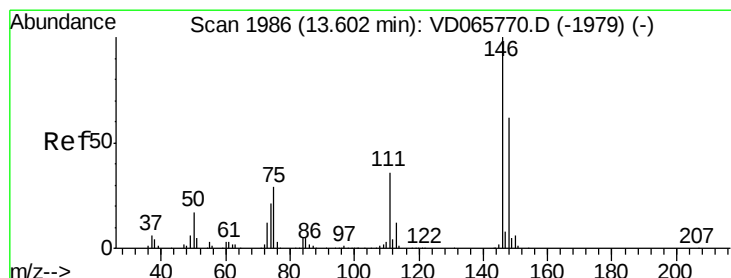
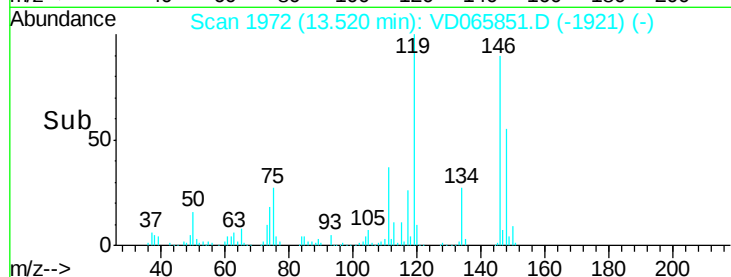
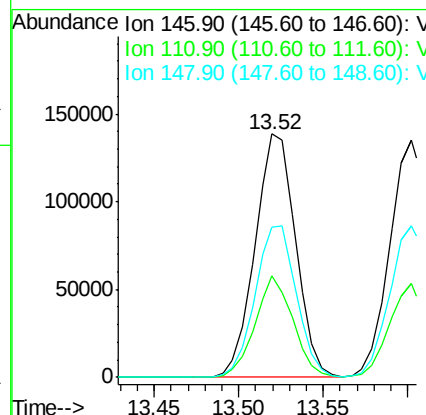
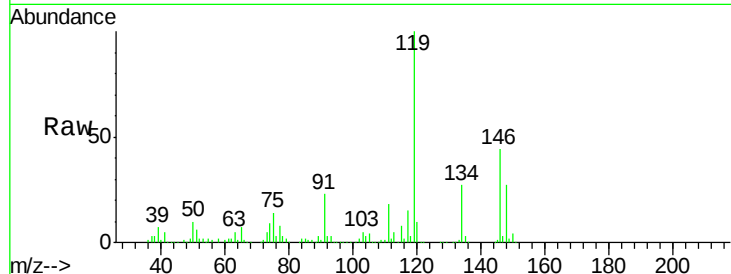
#87
 1,3-Dichlorobenzene
 Concen: 49.042 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	63.0	32.1	96.3

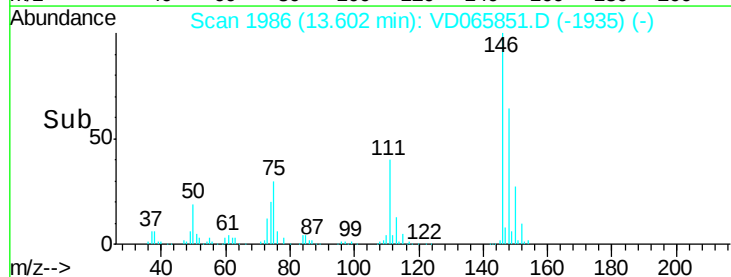
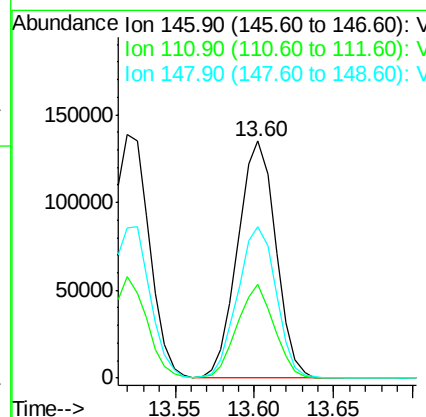
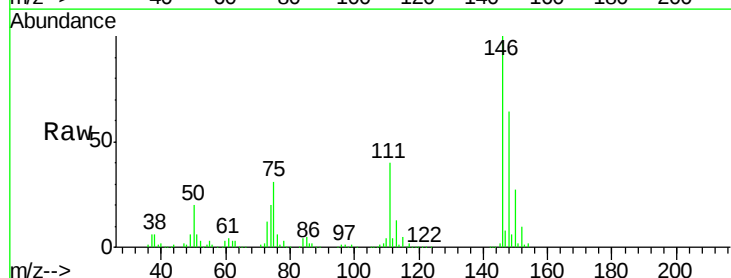
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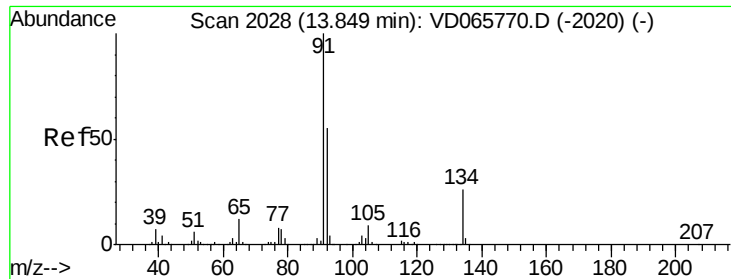
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#88
 1,4-Dichlorobenzene
 Concen: 47.944 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.4	31.6	94.7





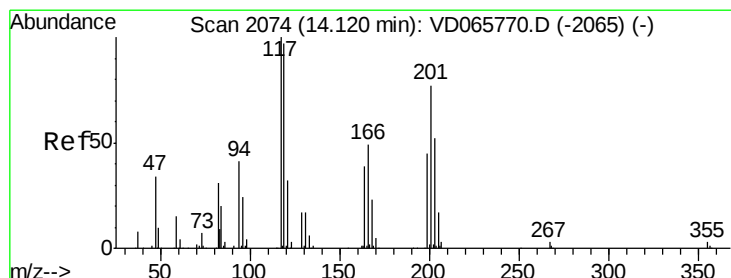
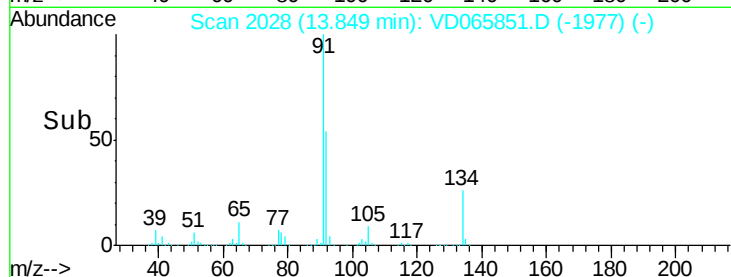
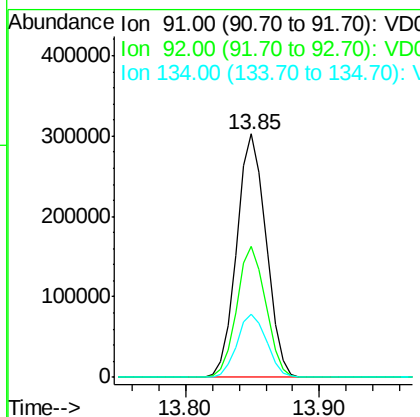
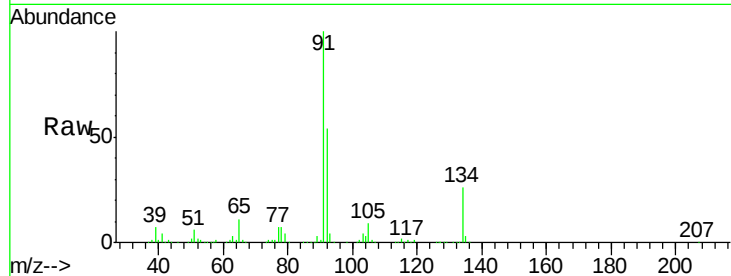
#89
n-Butylbenzene
Concen: 51.718 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	81.0
134	26.3	13.0	39.0

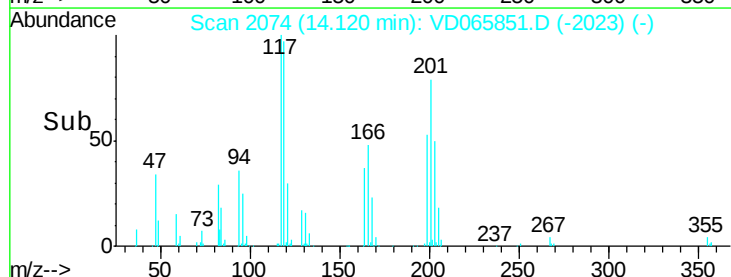
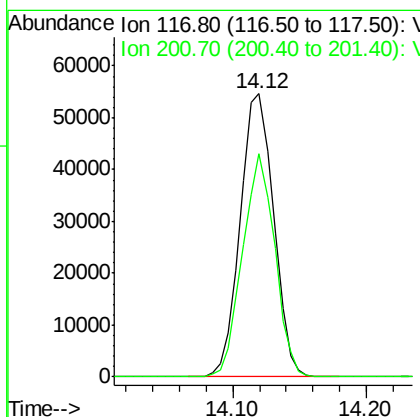
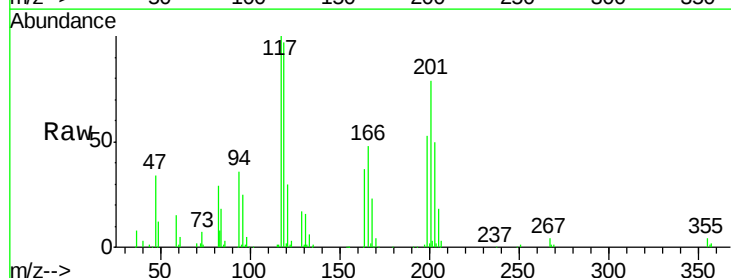
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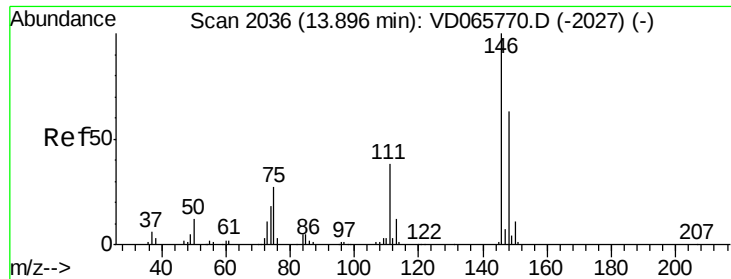
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#90
Hexachloroethane
Concen: 50.645 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.6	37.1	111.5





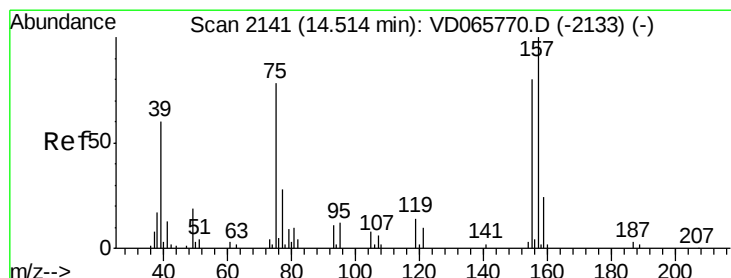
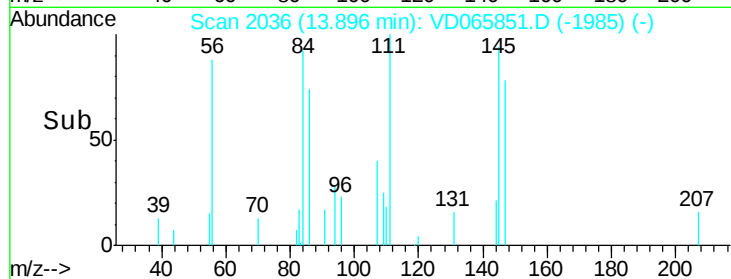
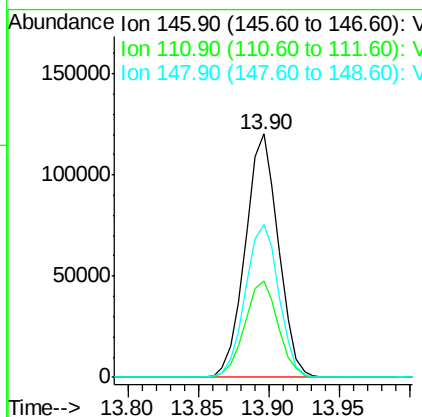
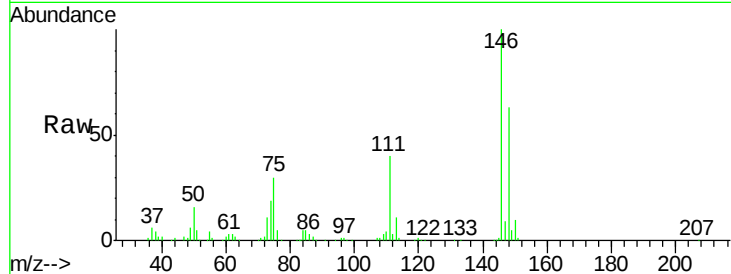
#91
 1,2-Dichlorobenzene
 Concen: 48.562 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.4	31.9	95.7

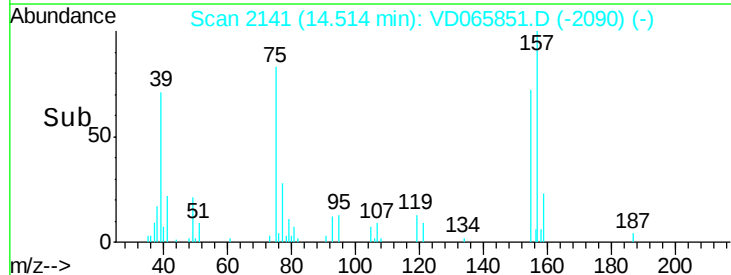
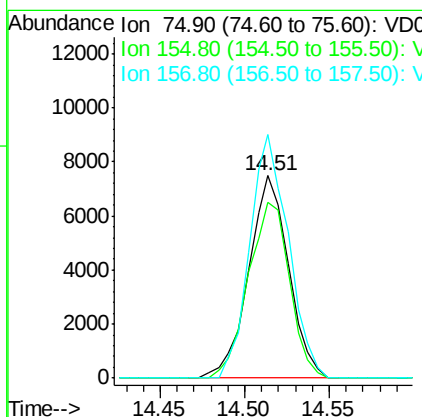
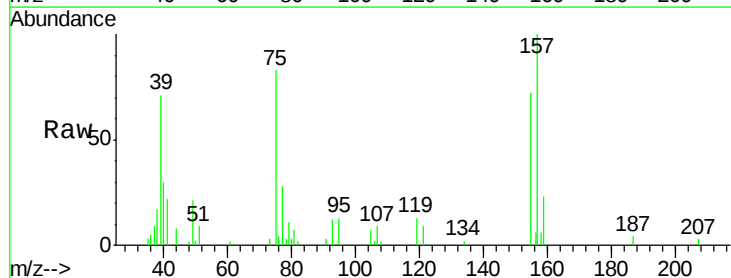
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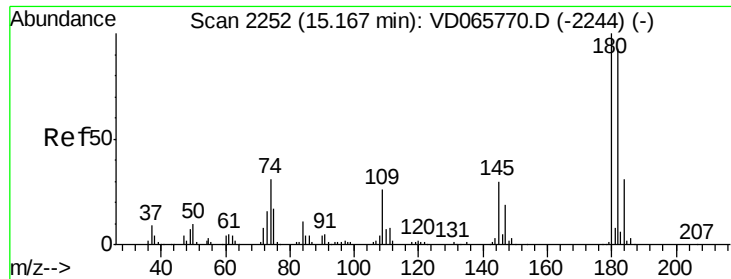
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.129 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	46.3	138.9
157	116.3	58.1	174.3





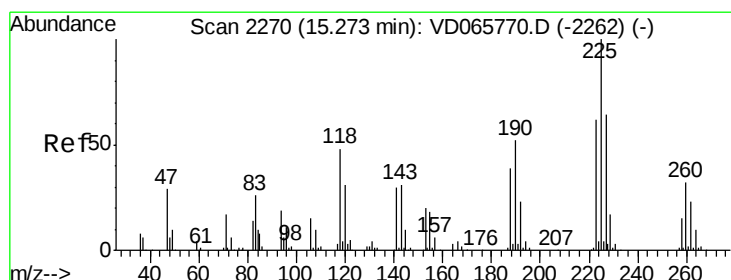
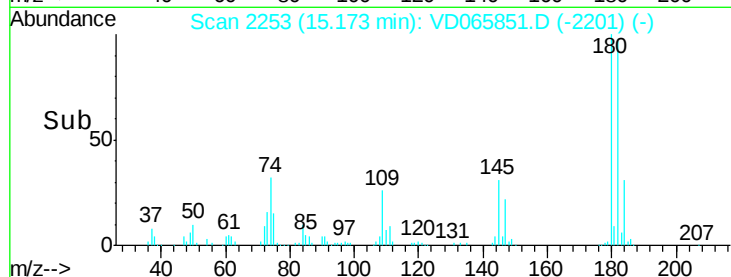
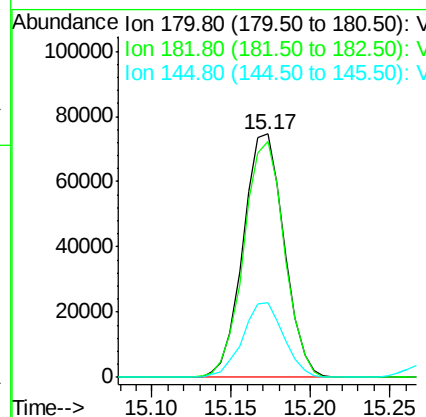
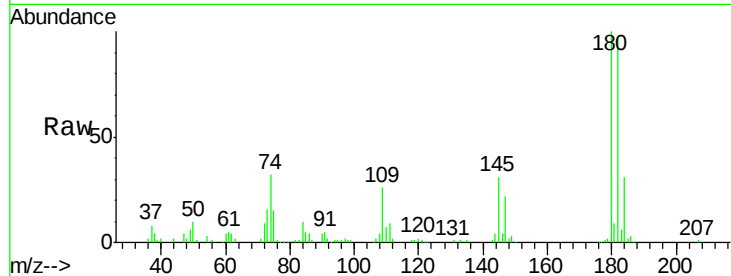
#93
 1,2,4-Trichlorobenzene
 Concen: 48.541 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134542		
182	95.7	48.0	144.2	
145	30.5	14.9	44.9	

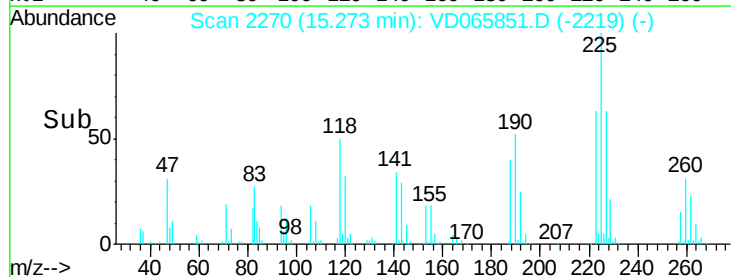
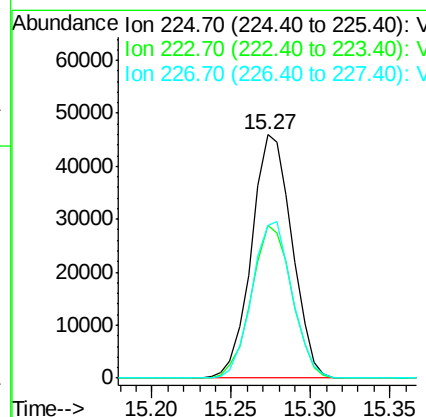
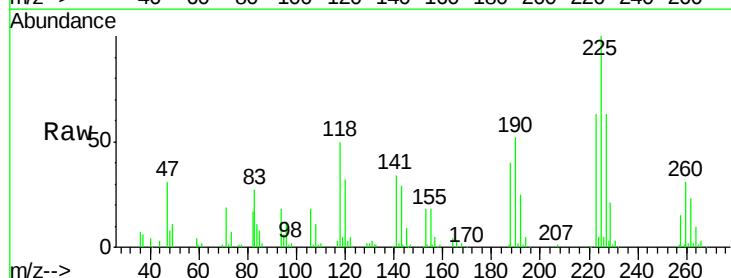
Manual Integrations
 APPROVED

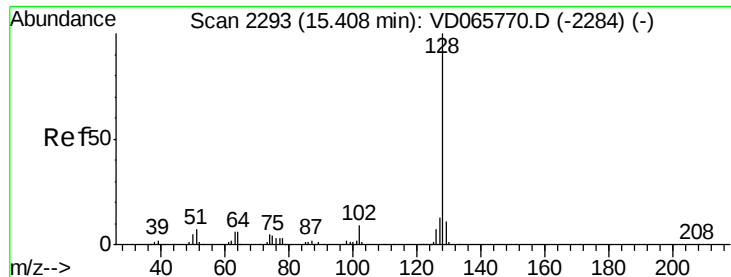
MMDadoda
 6/24/2020 10:52:32 AM



#94
 Hexachlorobutadiene
 Concen: 48.707 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81610		
223	62.6	30.9	92.7	
227	63.6	31.9	95.7	





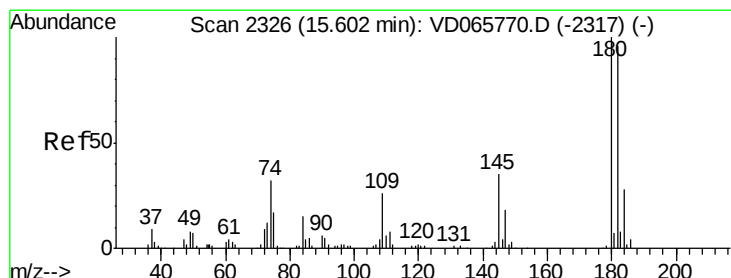
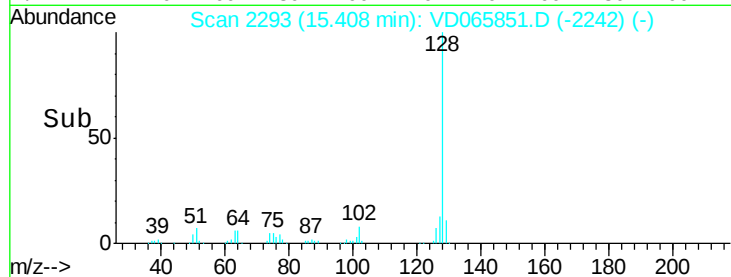
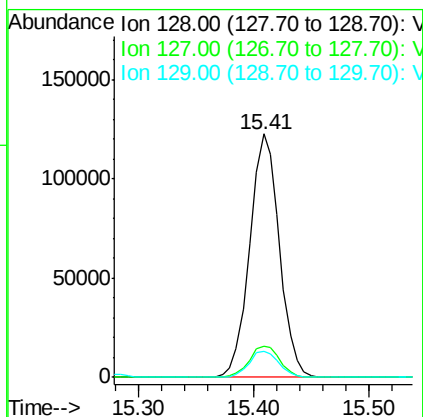
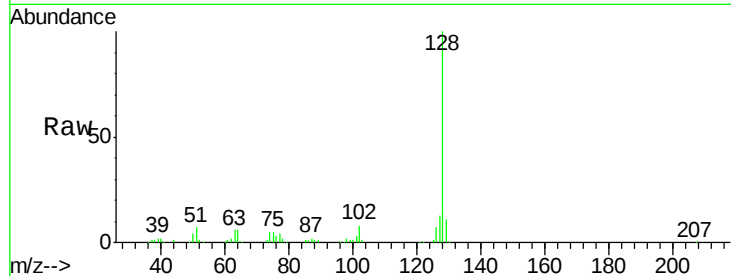
#95
Naphthalene
Concen: 46.679 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
6/24/2020 10:52:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.920 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.2
145	30.4	16.2	48.6

