

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065775.D
 Acq On : 08 Jun 2020 12:25
 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
 6/9/2020 2:50:20 PM

Quant Time: Jun 09 06:43:12 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	246933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	384551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	352350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119646	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.91	113	117510	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.34	98	452758	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.64	95	151727	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	75359	44.979	ug/l	99
3) Chloromethane	2.21	50	123344	43.891	ug/l	99
4) Vinyl Chloride	2.35	62	145706	39.994	ug/l	98
5) Bromomethane	2.77	94	105609	41.451	ug/l	94
6) Chloroethane	2.93	64	100227	40.687	ug/l	97
7) Trichlorofluoromethane	3.27	101	179465	43.479	ug/l	98
8) Diethyl Ether	3.70	74	47373	43.653	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	102859	41.791	ug/l	97
10) Methyl Iodide	4.30	142	108408	45.232	ug/l	100
11) Tert butyl alcohol	5.22	59	31405m	226.240	ug/l	
12) 1,1-Dichloroethene	4.07	96	100833	44.949	ug/l	96
13) Acrolein	3.92	56	31895	232.721	ug/l	96
14) Allyl chloride	4.71	41	165686	44.688	ug/l	98
15) Acrylonitrile	5.42	53	105575	214.197	ug/l	99
16) Acetone	4.16	43	132457	287.782	ug/l	98
17) Carbon Disulfide	4.41	76	327133	43.449	ug/l	100
18) Methyl Acetate	4.71	43	45029	42.855	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	217986	42.901	ug/l	97
20) Methylene Chloride	4.96	84	119456	48.760	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	113820	43.325	ug/l	98
22) Diisopropyl ether	6.36	45	331417	44.239	ug/l	99
23) Vinyl Acetate	6.30	43	964778	228.063	ug/l	99
24) 1,1-Dichloroethane	6.26	63	196425	43.033	ug/l	99
25) 2-Butanone	7.21	43	147193	231.561	ug/l	95
26) 2,2-Dichloropropane	7.21	77	185220	45.764	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	125565	44.432	ug/l	99
28) Bromochloromethane	7.54	49	88074	49.959	ug/l	98
29) Tetrahydrofuran	7.56	42	86519	215.356	ug/l	97
30) Chloroform	7.71	83	204946	43.318	ug/l	94
31) Cyclohexane	7.98	56	186578	42.638	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	189546	43.570	ug/l	97
36) 1,1-Dichloropropene	8.11	75	164559	44.672	ug/l	99
37) Ethyl Acetate	7.29	43	65370	45.052	ug/l	99
38) Carbon Tetrachloride	8.10	117	175224	45.198	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	196691	45.098	ug/l	99
40) Benzene	8.35	78	446121	44.299	ug/l	98
41) Methacrylonitrile	7.54	41	44662m	51.694	ug/l	
42) 1,2-Dichloroethane	8.43	62	130801	43.047	ug/l	99
43) Isopropyl Acetate	8.45	43	126564	43.865	ug/l	97
44) Trichloroethene	9.11	130	125190	44.670	ug/l	98
45) 1,2-Dichloropropane	9.39	63	109846	43.410	ug/l	95
46) Dibromomethane	9.48	93	59397	43.281	ug/l	99
47) Bromodichloromethane	9.66	83	158278	43.039	ug/l	99
48) Methyl methacrylate	9.46	41	63514	45.477	ug/l	99
49) 1,4-Dioxane	9.46	88	12555	859.509	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	315238	222.969	ug/l	97
52) Toluene	10.41	92	296257	45.275	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	150968	45.334	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	174440	44.353	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	79297	43.244	ug/l	96
56) Ethyl methacrylate	10.67	69	95863	44.447	ug/l	99
57) 1,3-Dichloropropane	10.95	76	136450	42.951	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	257018	256.317	ug/l	100
59) 2-Hexanone	10.98	43	224372	235.392	ug/l	98
60) Dibromochloromethane	11.14	129	108339	43.736	ug/l	100
61) 1,2-Dibromoethane	11.25	107	79151	43.922	ug/l	100
64) Tetrachloroethene	10.88	164	104752	43.965	ug/l	92
65) Chlorobenzene	11.67	112	305775	44.453	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	112119	43.727	ug/l	98
67) Ethyl Benzene	11.75	91	555219	45.183	ug/l	98
68) m/p-Xylenes	11.85	106	431877	91.243	ug/l	100
69) o-Xylene	12.18	106	192867	45.192	ug/l	98
70) Styrene	12.20	104	340375	46.072	ug/l	99
71) Bromoform	12.37	173	62341	44.152	ug/l #	99
73) Isopropylbenzene	12.48	105	542384	45.800	ug/l	100
74) N-amyl acetate	12.30	43	118141	44.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	86307	43.154	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	67168m	48.897	ug/l	
77) Bromobenzene	12.77	156	126721	45.227	ug/l	99
78) n-propylbenzene	12.83	91	654252	45.897	ug/l	100
79) 2-Chlorotoluene	12.91	91	353241	45.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	447645	45.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29273	46.043	ug/l	97
82) 4-Chlorotoluene	13.01	91	376088	44.806	ug/l	100
83) tert-Butylbenzene	13.23	119	387561	45.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	449027	45.523	ug/l	100
85) sec-Butylbenzene	13.41	105	544002	45.714	ug/l	99
86) p-Isopropyltoluene	13.52	119	505589	46.354	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	243079	43.999	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	241981	44.032	ug/l	100
89) n-Butylbenzene	13.85	91	482988	46.430	ug/l	100
90) Hexachloroethane	14.12	117	100610	46.084	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	210457	44.264	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14257	42.834	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150001	46.400	ug/l	98
94) Hexachlorobutadiene	15.27	225	86960	44.498	ug/l	99
95) Naphthalene	15.41	128	246268	44.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	125078	44.923	ug/l	100

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

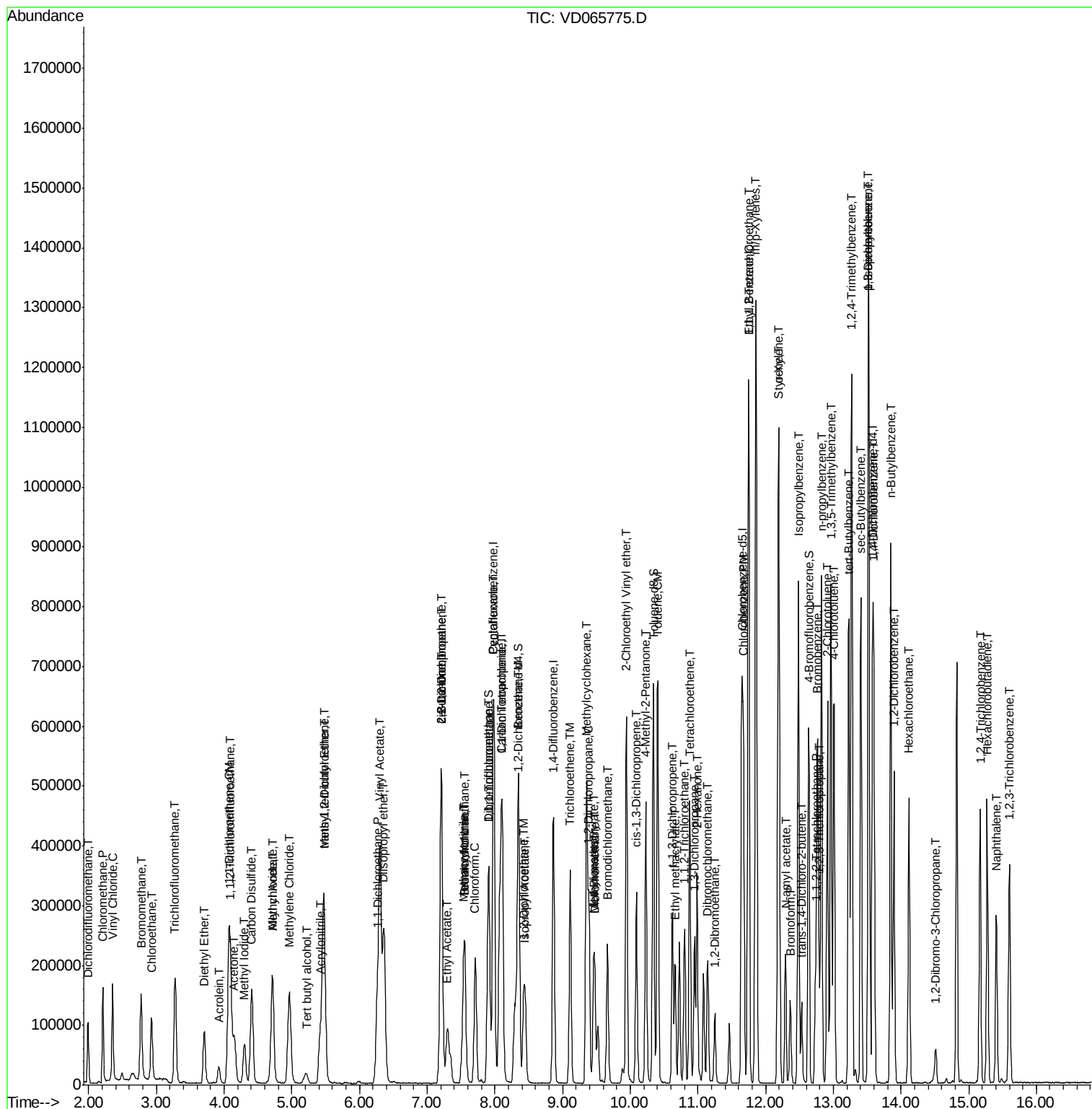
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
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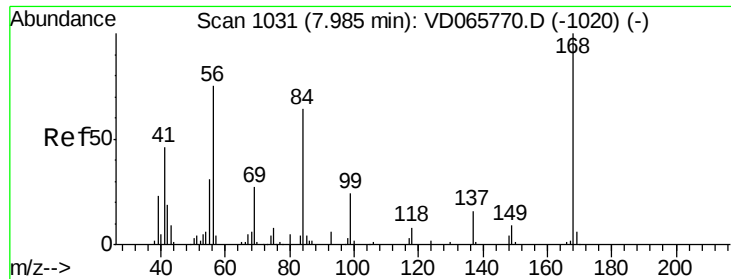
Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 246933

Ion Ratio Lower Upper

168 100

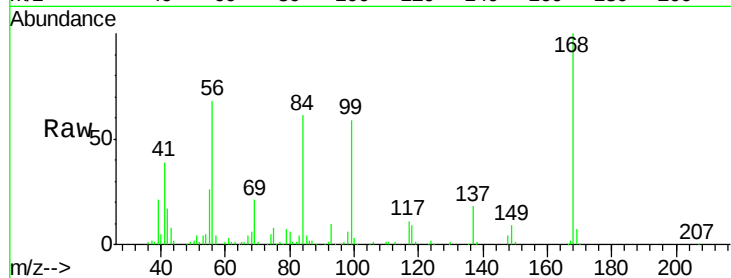
99 58.6 45.3 67.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

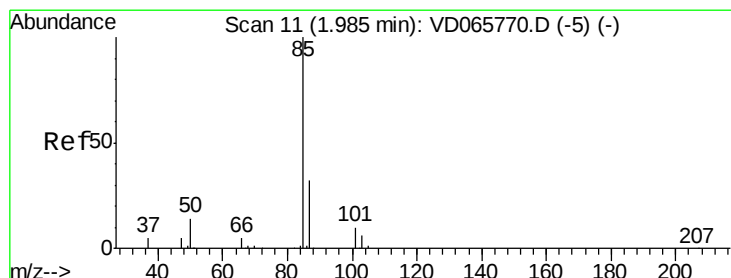
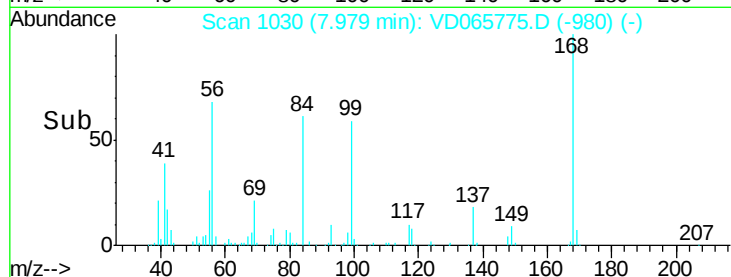
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.979 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065775.D

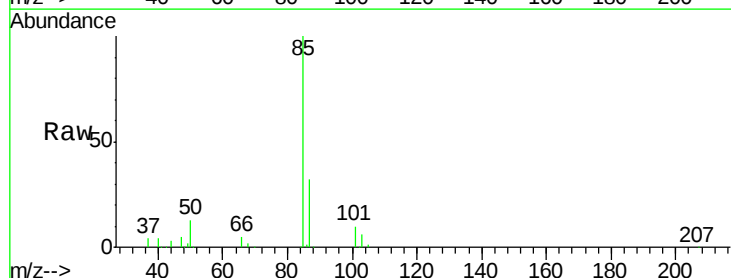
Acq: 08 Jun 2020 12:25

Tgt Ion: 85 Resp: 75359

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

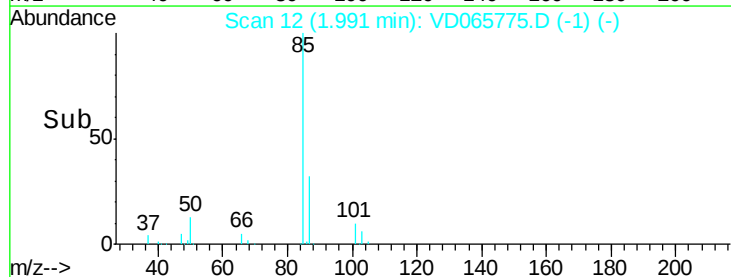
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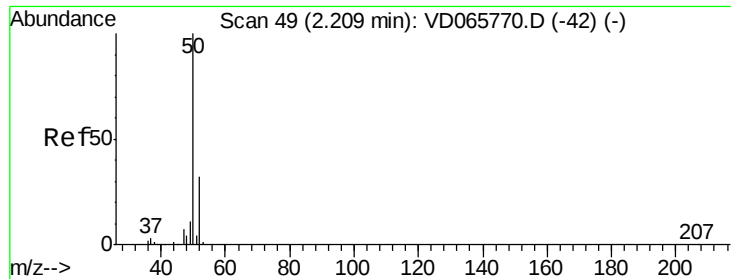
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.891 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 123344

Ion Ratio Lower Upper

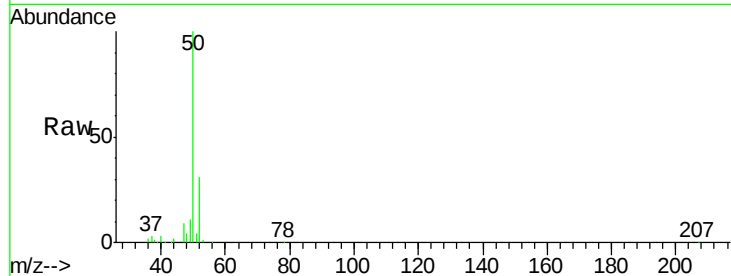
50 100

52 31.4 25.6 38.4

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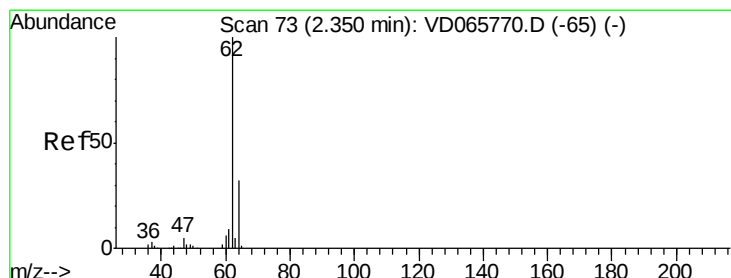
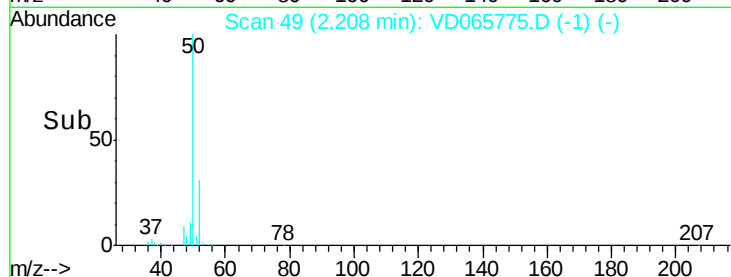
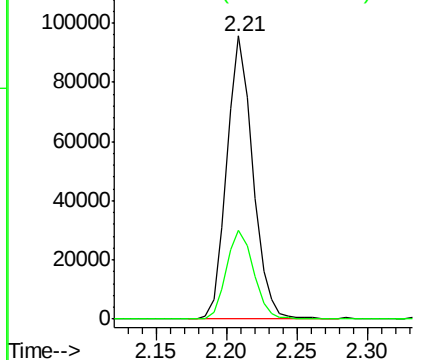
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 39.994 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065775.D

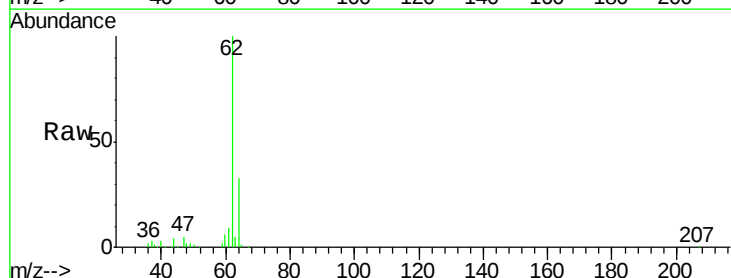
Acq: 08 Jun 2020 12:25

Tgt Ion: 62 Resp: 145706

Ion Ratio Lower Upper

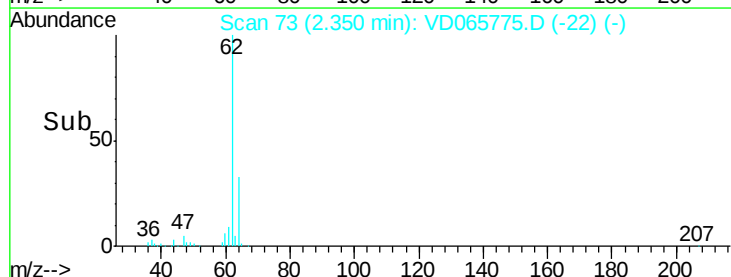
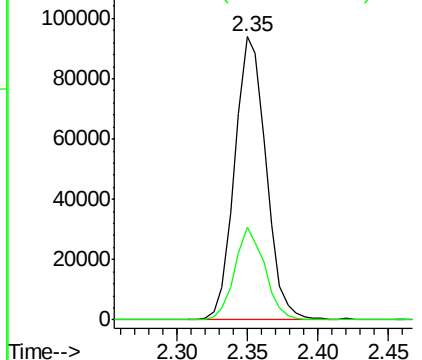
62 100

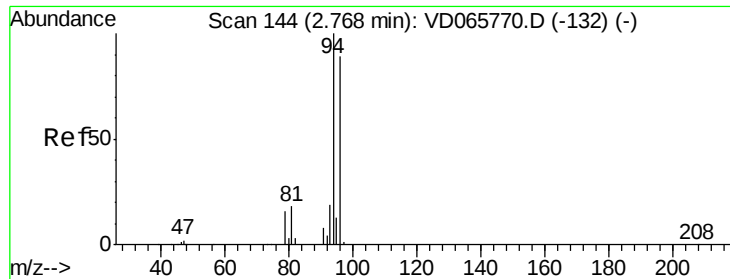
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 41.451 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

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Tot Ion: 94 Resp: 105609

Ion Ratio Lower Upper

94 100

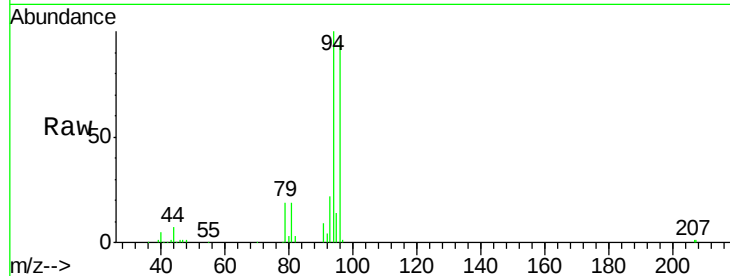
96 95.0 71.4 107.0

Manual Integrations

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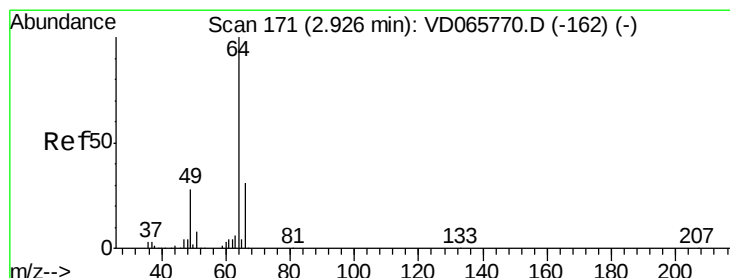
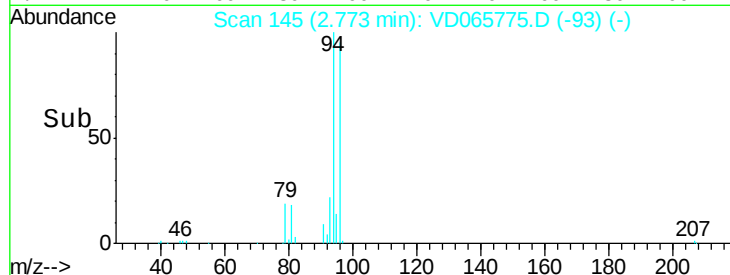
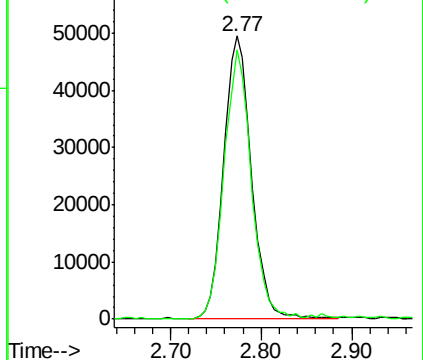
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 40.687 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065775.D

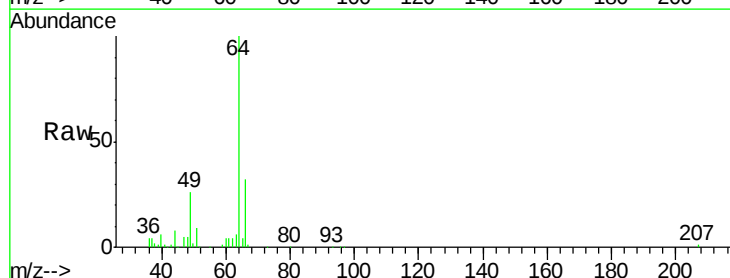
Acq: 08 Jun 2020 12:25

Tgt Ion: 64 Resp: 100227

Ion Ratio Lower Upper

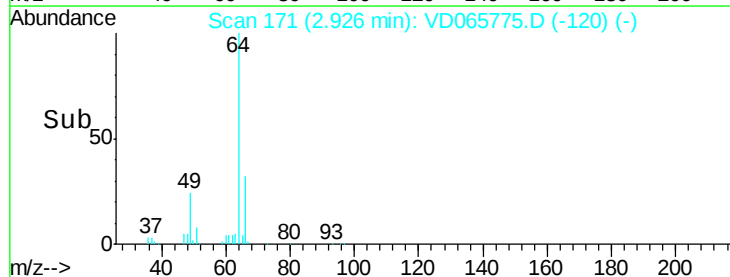
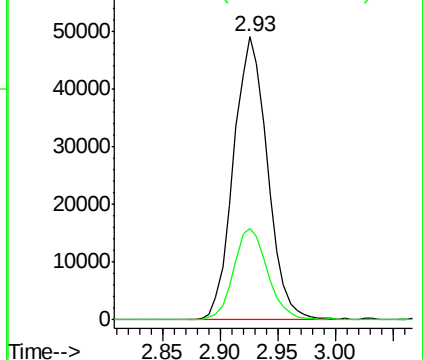
64 100

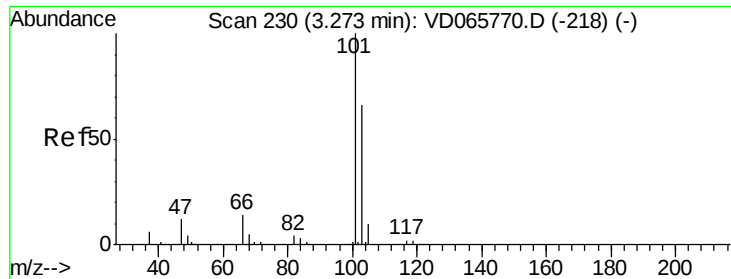
66 32.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

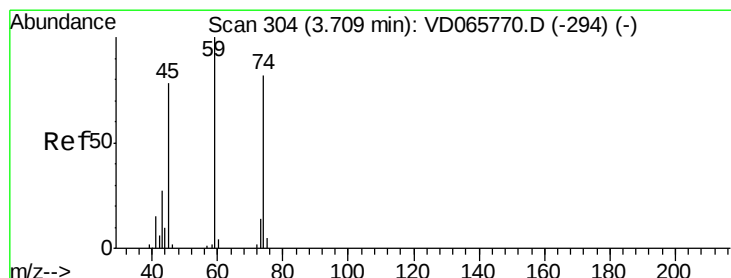
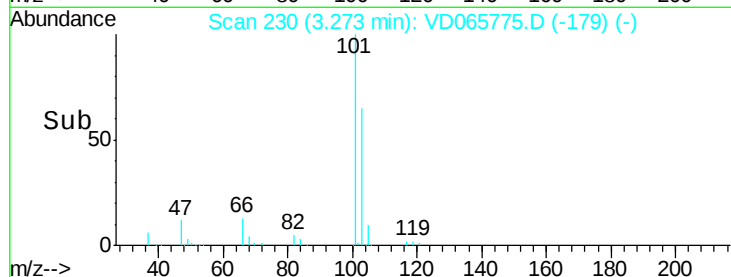
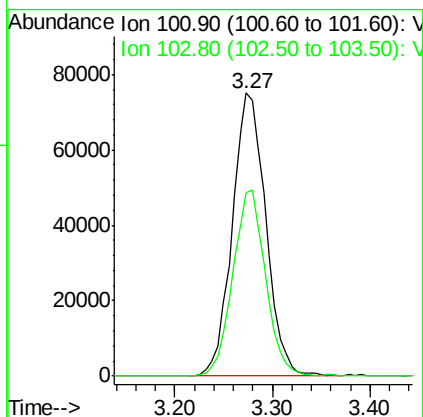
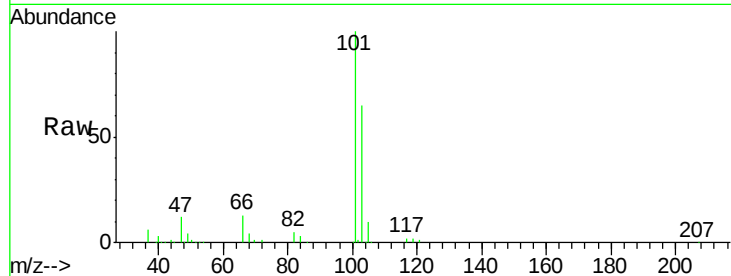
Trichlorofluoromethane
Concen: 43.479 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	179465		
103	65.0	53.1	79.7	

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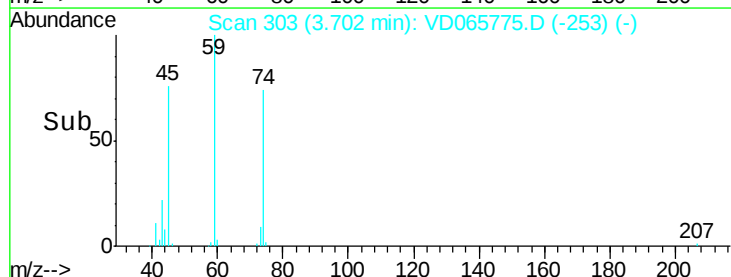
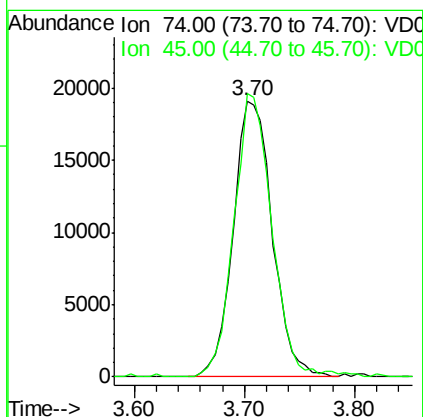
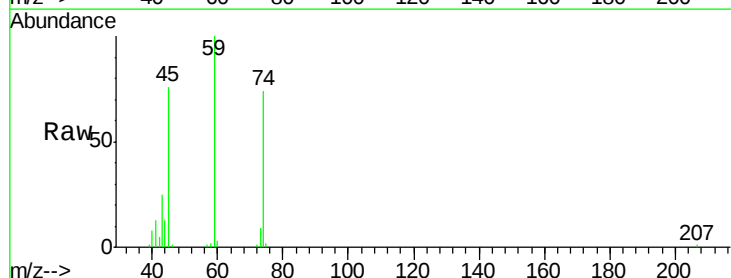
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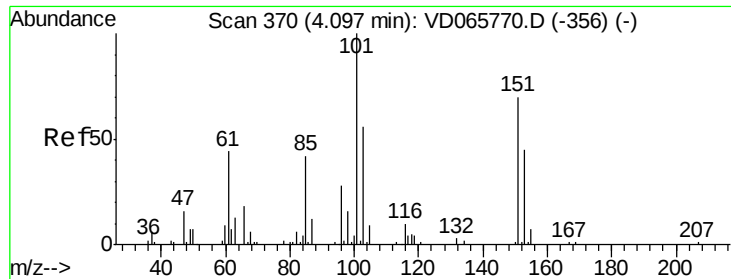


#8

Diethyl Ether
Concen: 43.653 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	47373		
45	100.1	47.9	143.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.791 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

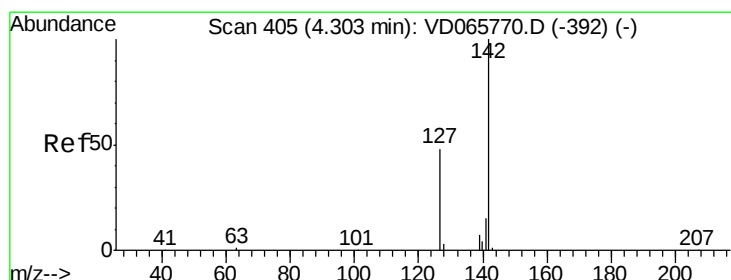
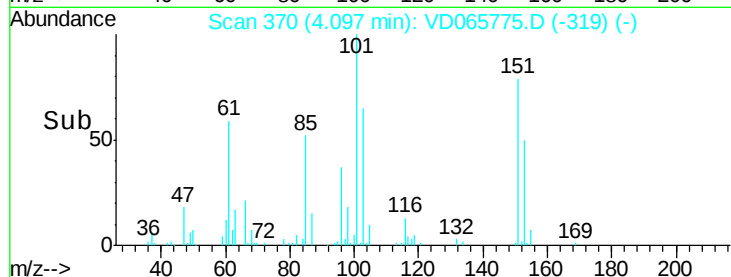
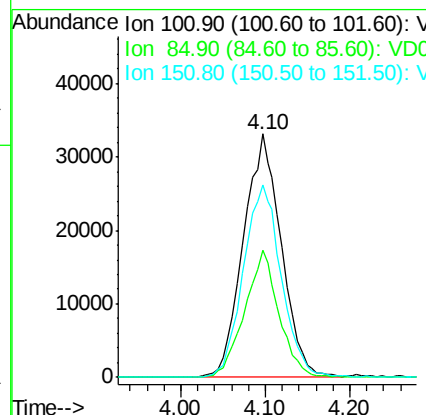
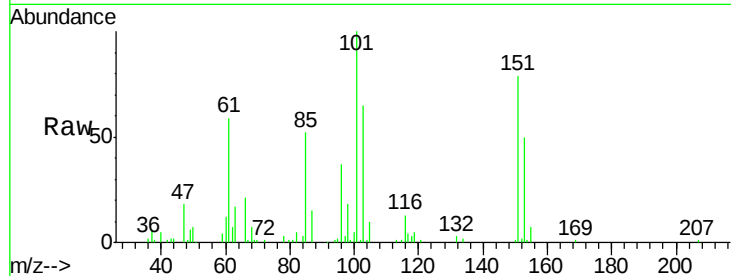
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102859
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.5	54.7
151	79.4	61.8	92.6

Manual Integrations
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#10

Methyl Iodide

Concen: 45.232 ug/l

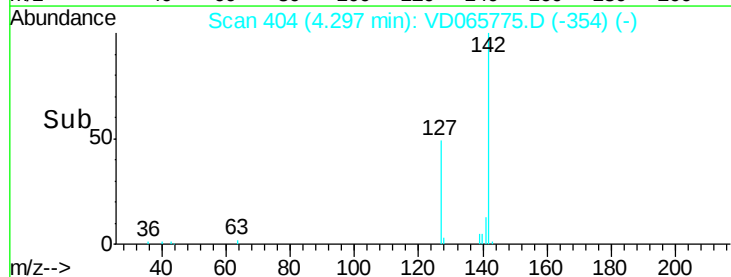
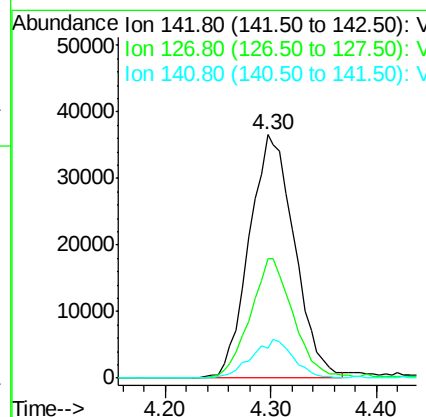
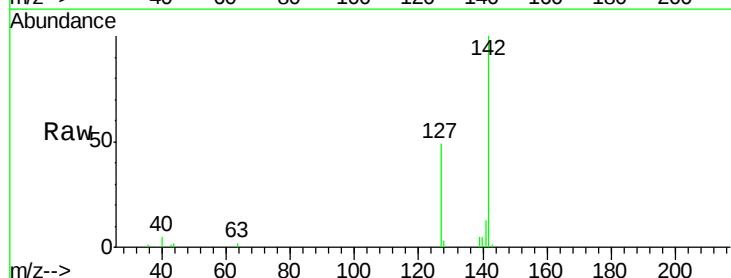
RT: 4.30 min Scan# 404

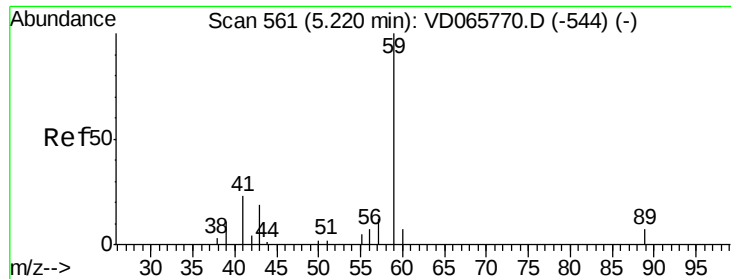
Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion:	142	Resp:	108408
Ion Ratio	Lower	Upper	
142	100		
127	46.8	37.6	56.4
141	14.7	12.1	18.1





#11

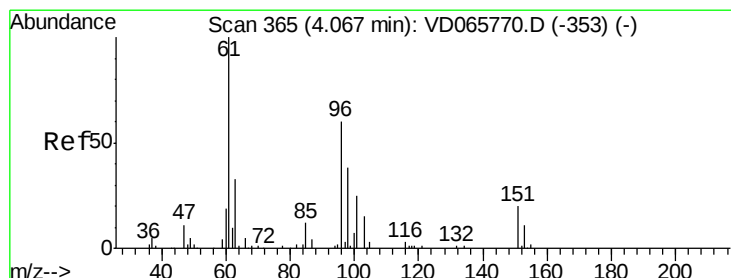
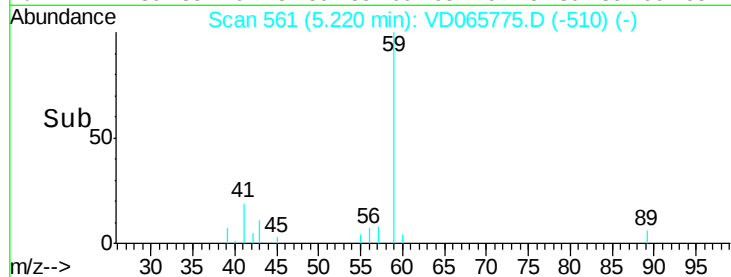
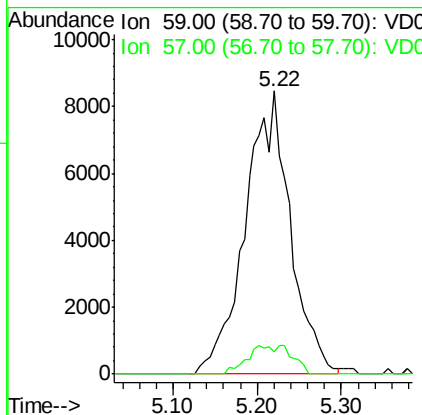
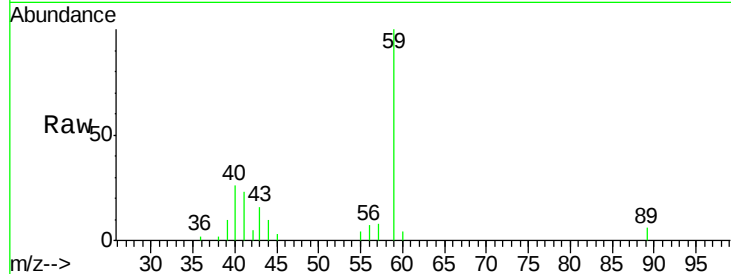
Tert butyl alcohol
Concen: 226.240 ug/l m
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	7.5	11.3#

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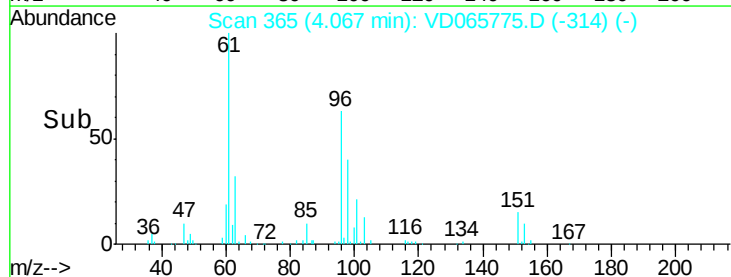
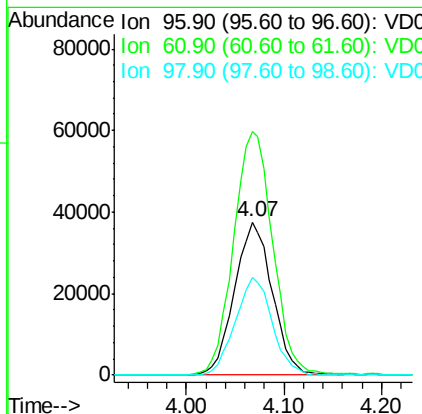
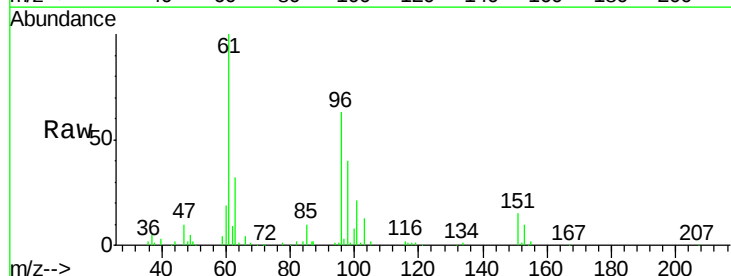
MMDadoda
6/9/2020 2:50:20 PM



#12

1,1-Dichloroethene
Concen: 44.949 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	132.3	198.5
98	63.7	50.7	76.1





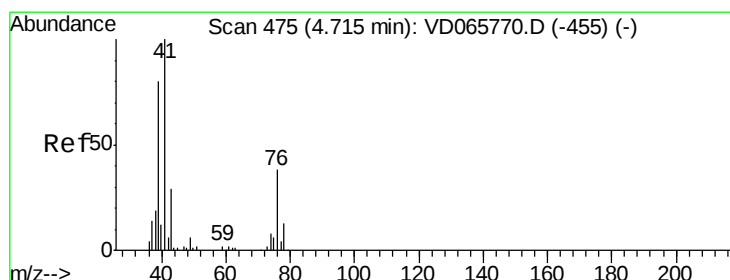
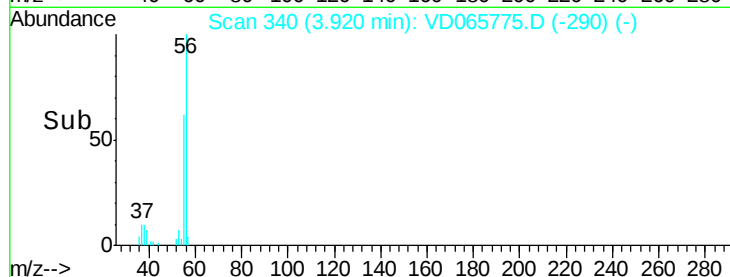
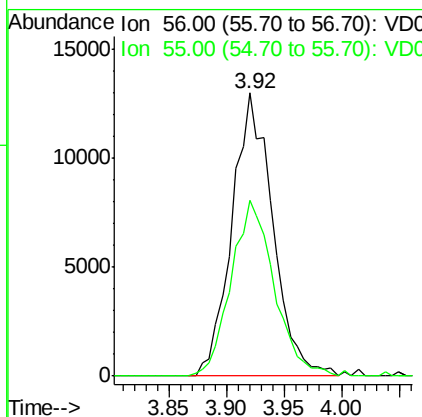
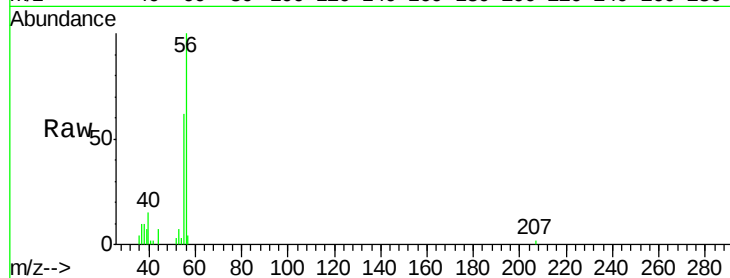
#13
Acrolein
Concen: 232.721 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	65.4	54.8	82.2

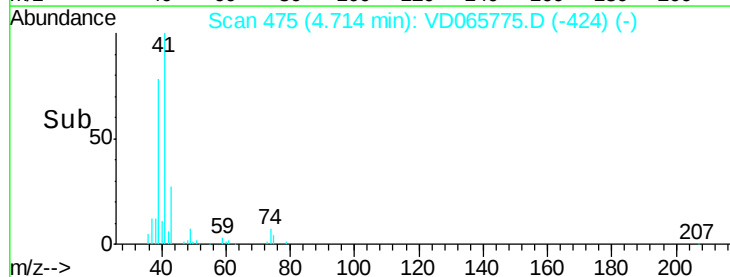
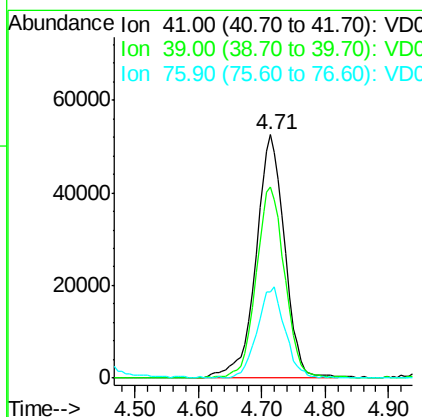
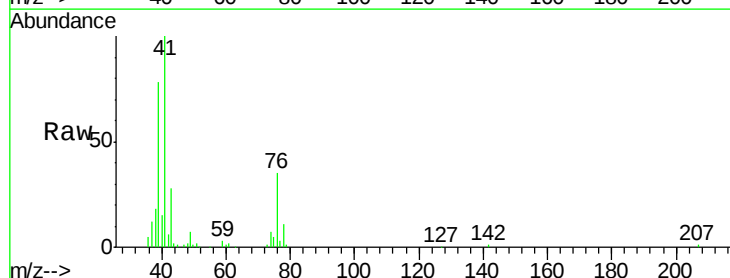
Manual Integrations
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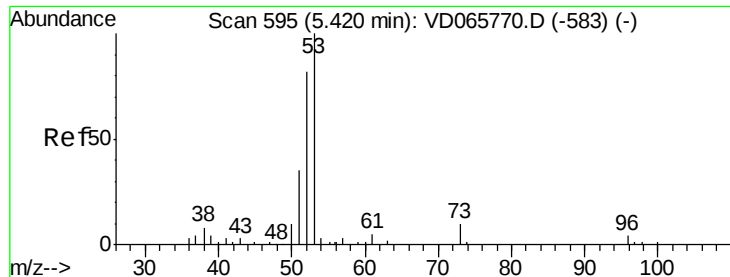
MMDadoda
6/9/2020 2:50:20 PM



#14
Allyl chloride
Concen: 44.688 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.2	60.9	91.3
76	36.3	28.9	43.3





#15

Acrylonitrile

Concen: 214.197 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

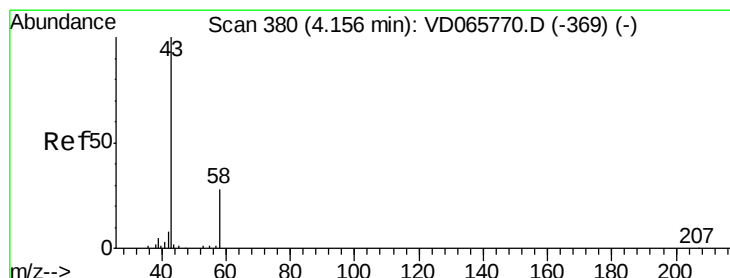
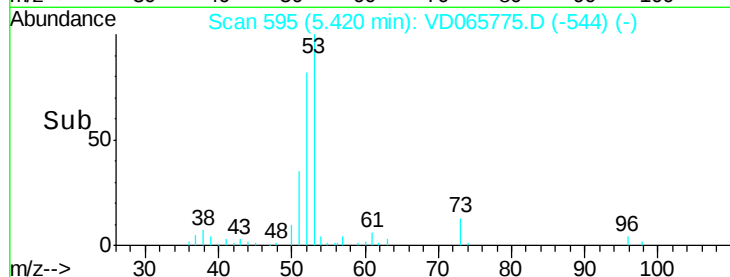
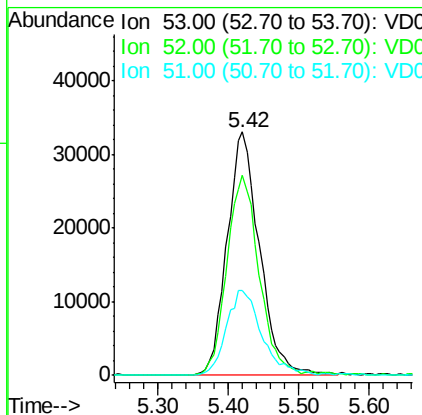
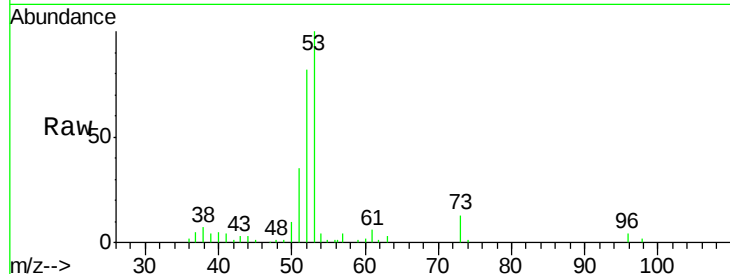
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	105575
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.2	99.2
51	38.1	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 287.782 ug/l

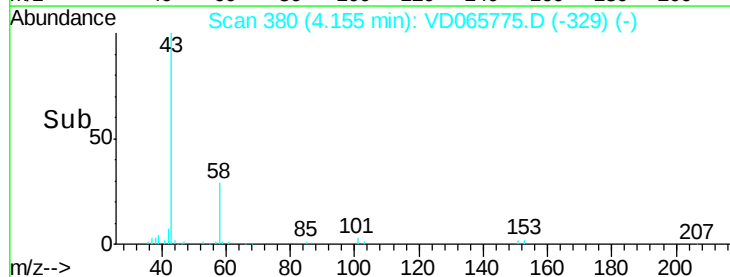
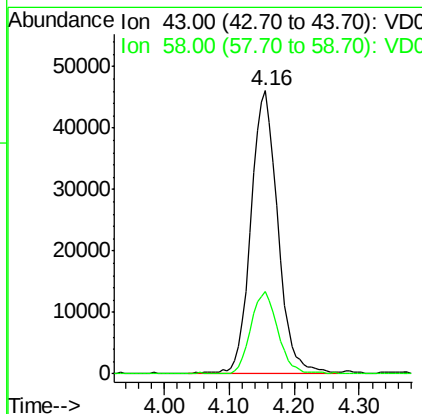
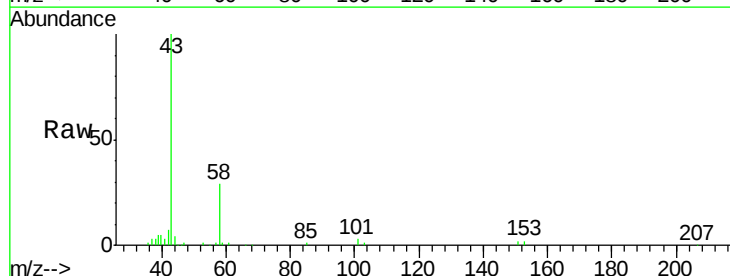
RT: 4.16 min Scan# 380

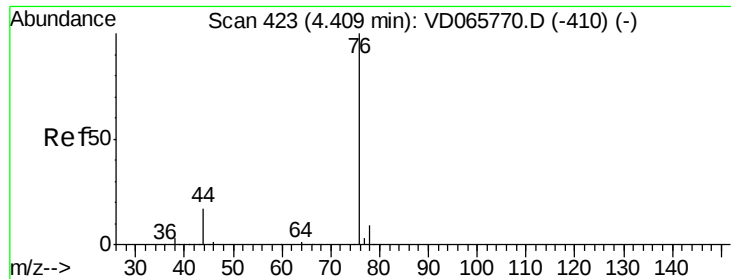
Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion:	43	Resp:	132457
Ion Ratio	Lower	Upper	
43	100		
58	29.0	22.3	33.5





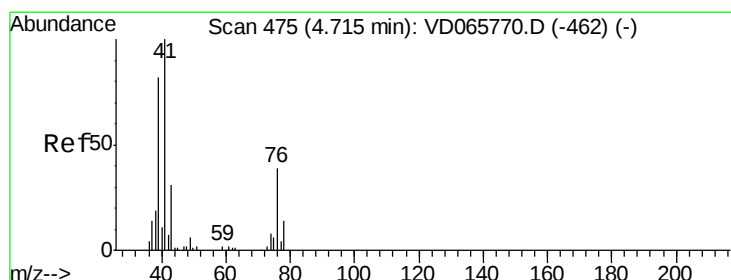
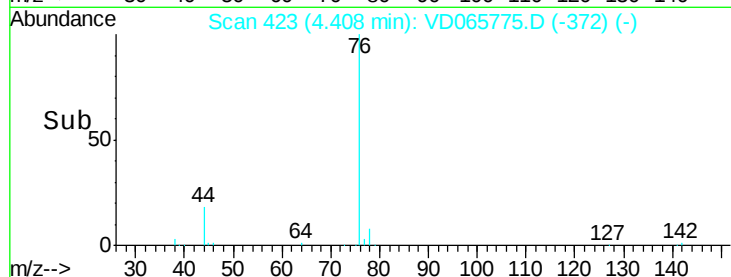
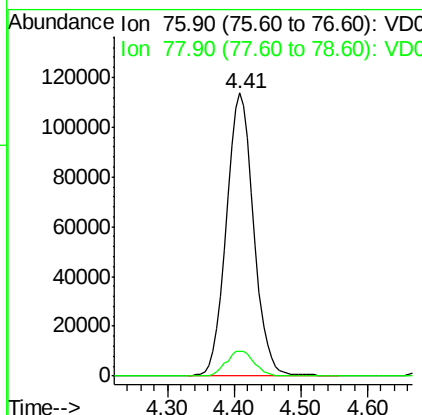
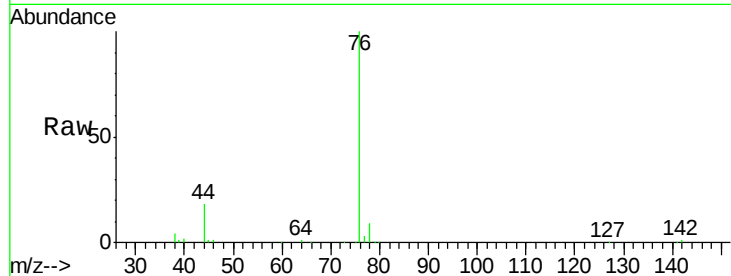
#17
Carbon Disulfide
Concen: 43.449 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

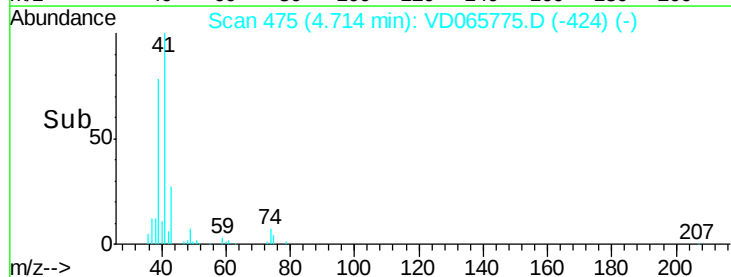
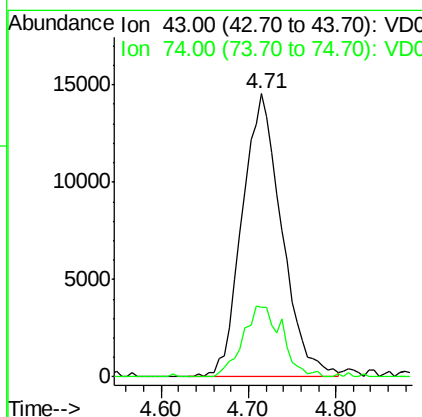
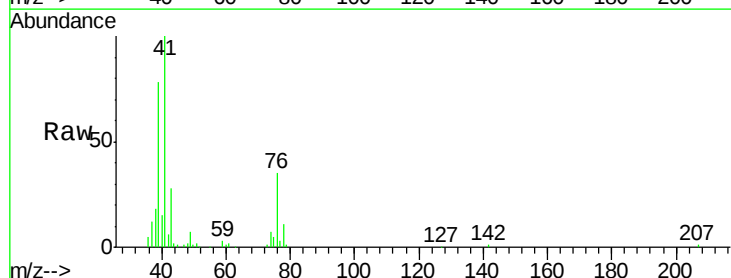
Manual Integrations
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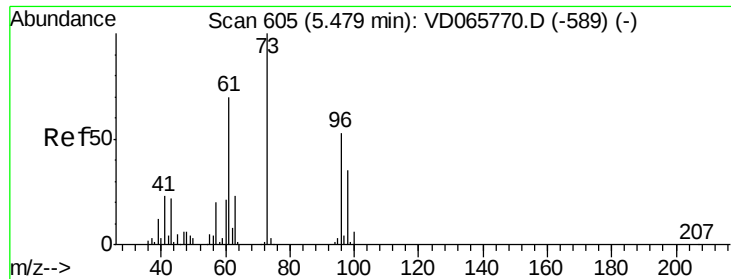
MMDadoda
6/9/2020 2:50:20 PM



#18
Methyl Acetate
Concen: 42.855 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.7	28.1





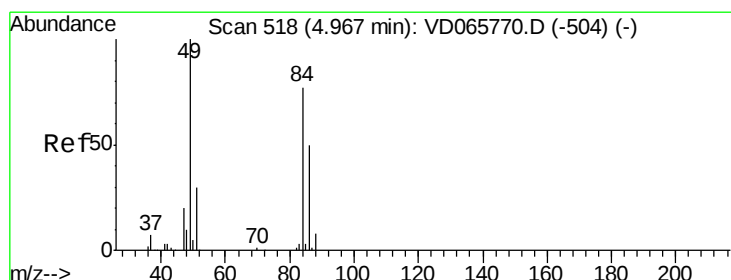
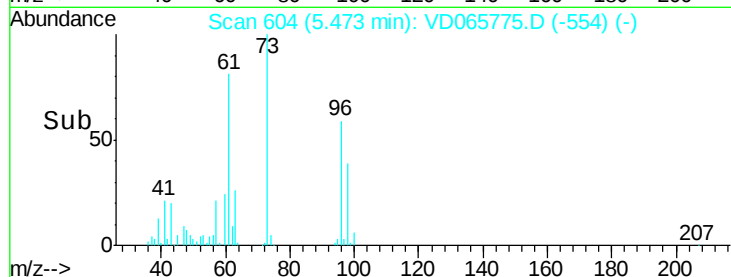
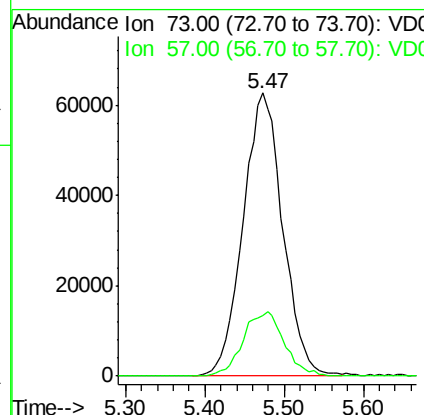
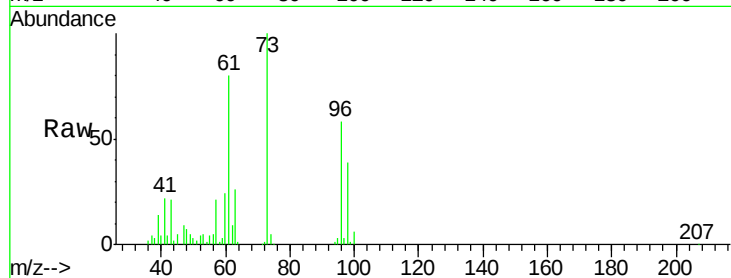
#19
Methvl tert-butvl Ether
Concen: 42.901 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 217986
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2

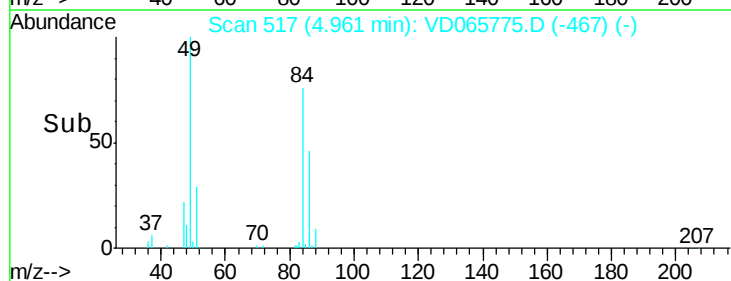
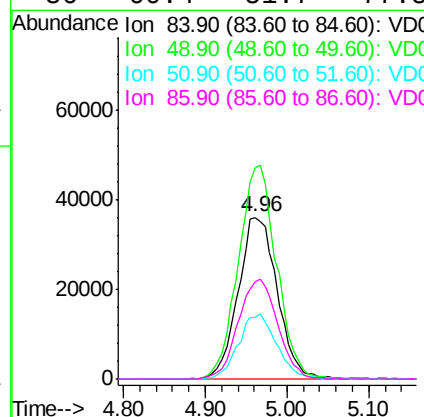
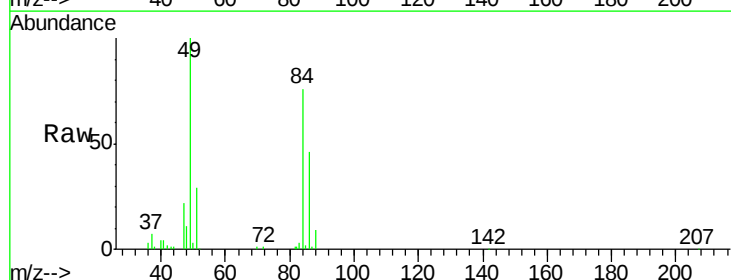
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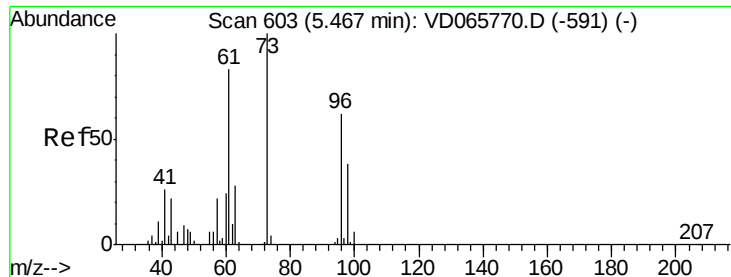
MMDadoda
6/9/2020 2:50:20 PM



#20
Methylene Chloride
Concen: 48.760 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 84 Resp: 119456
Ion Ratio Lower Upper
84 100
49 130.4 103.4 155.0
51 37.9 31.4 47.2
86 60.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 43.325 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

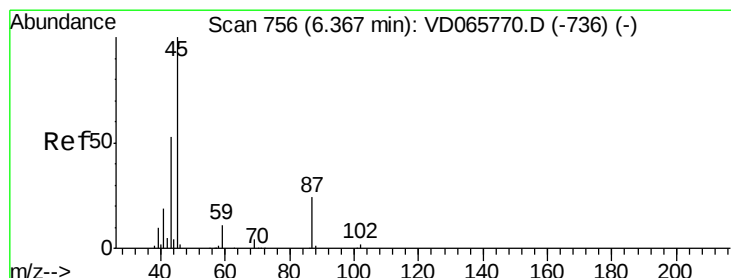
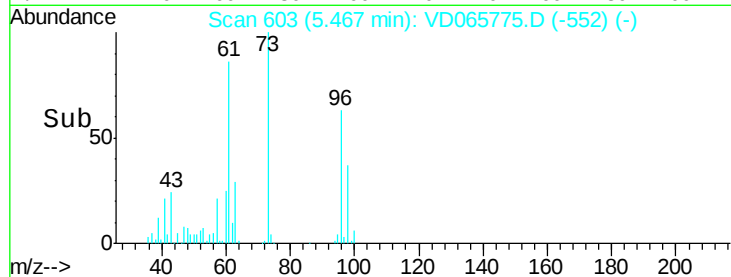
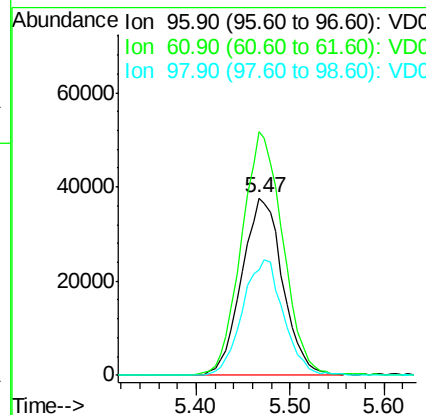
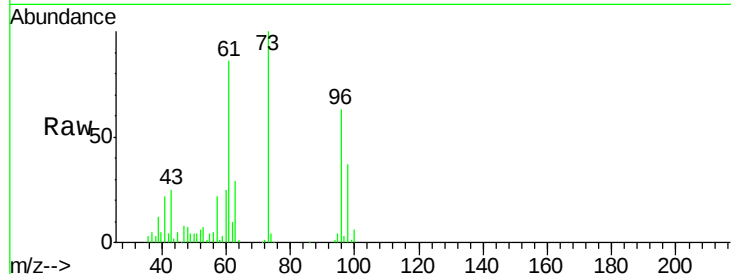
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	113820
Ion	Ratio	Lower	Upper
96	100		
61	137.4	107.7	161.5
98	59.5	49.3	73.9

Manual Integrations
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6/9/2020 2:50:20 PM



#22

Diisopropyl ether

Concen: 44.239 ug/l

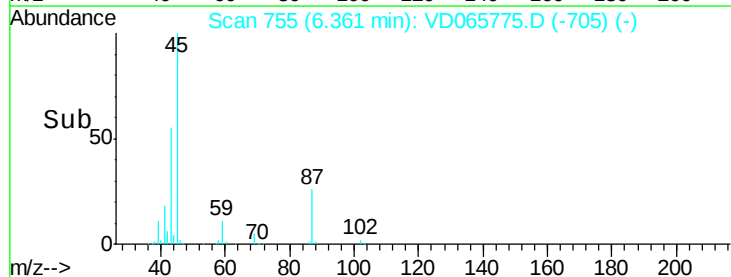
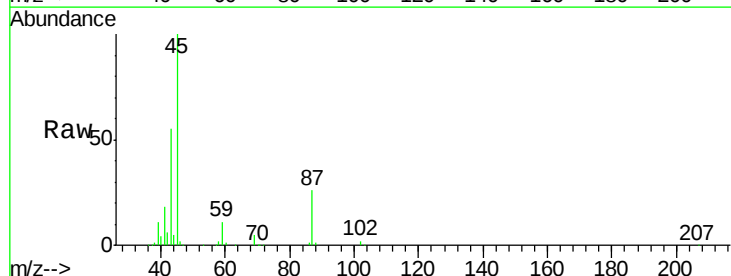
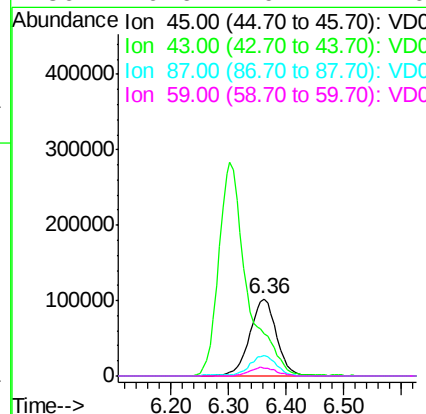
RT: 6.36 min Scan# 755

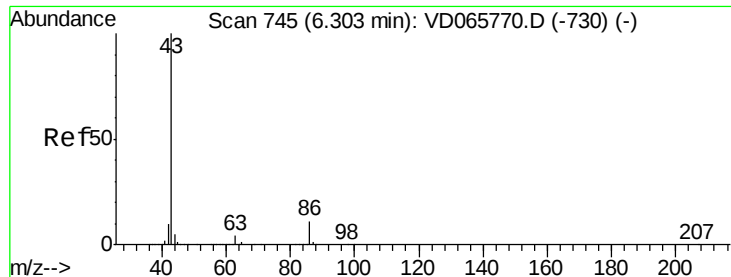
Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion:	45	Resp:	331417
Ion	Ratio	Lower	Upper
45	100		
43	54.7	43.4	65.0
87	26.4	20.2	30.4
59	10.6	9.4	14.0





#23

Vinyl Acetate

Concen: 228.063 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 964778

Ion Ratio Lower Upper

43 100

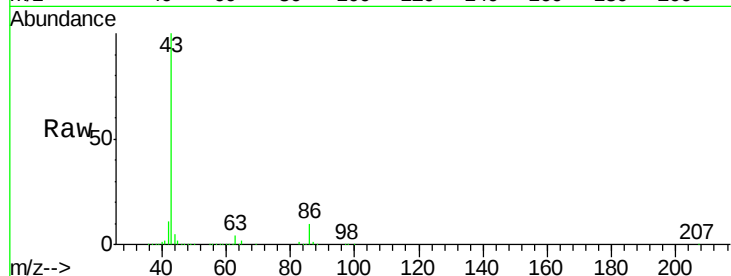
86 10.3 8.5 12.7

Manual Integrations

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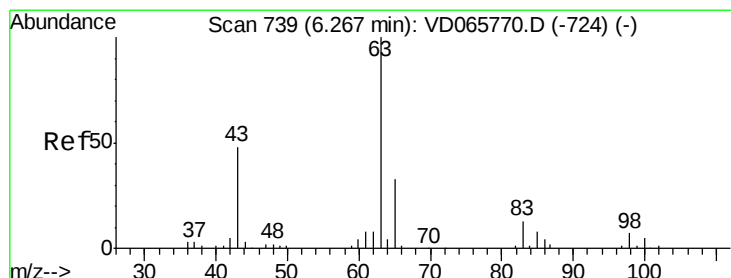
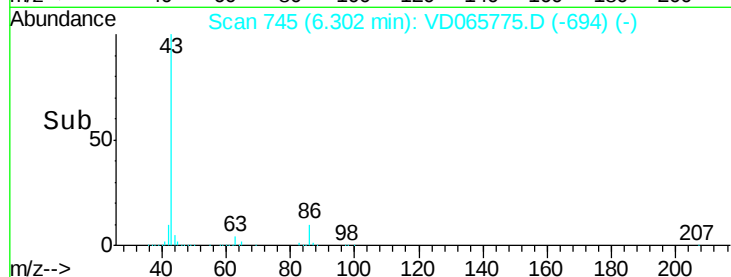
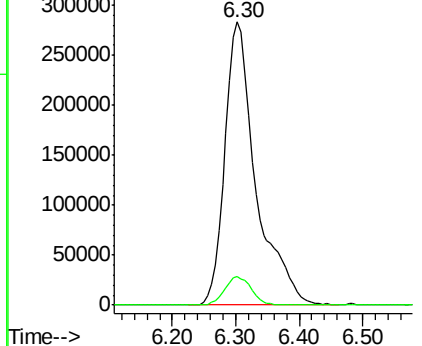
MMDadoda

6/9/2020 2:50:20 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 43.033 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

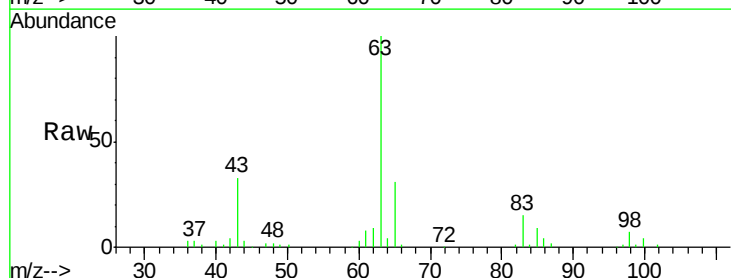
Tgt Ion: 63 Resp: 196425

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

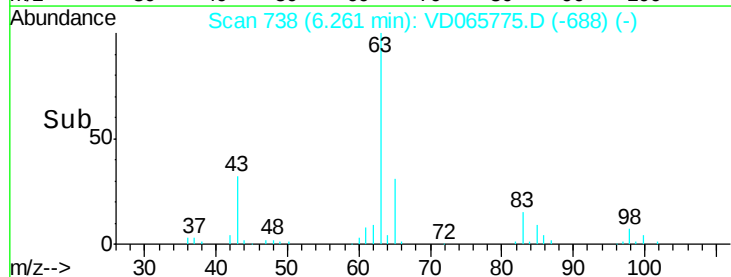
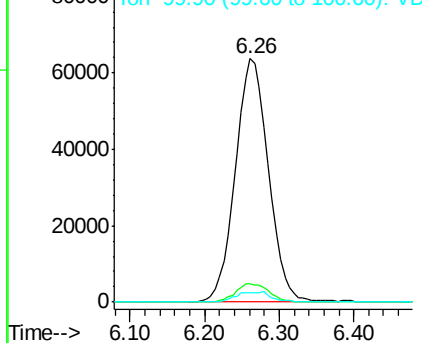
100 4.0 2.3 6.9

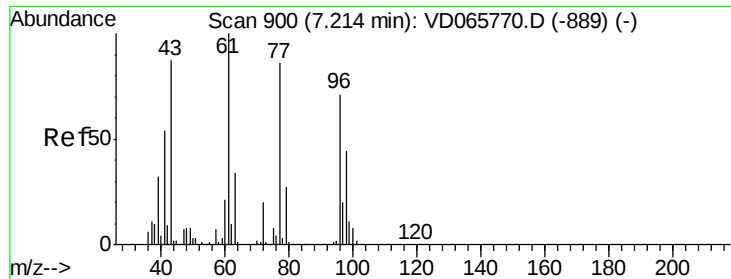


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





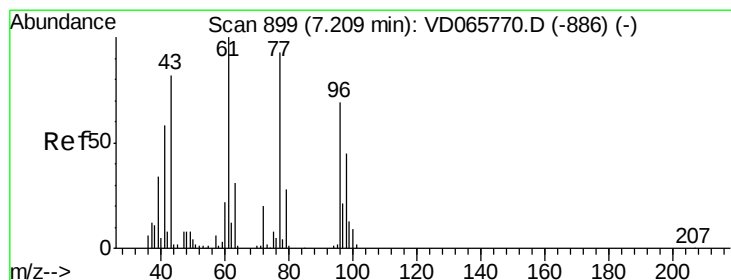
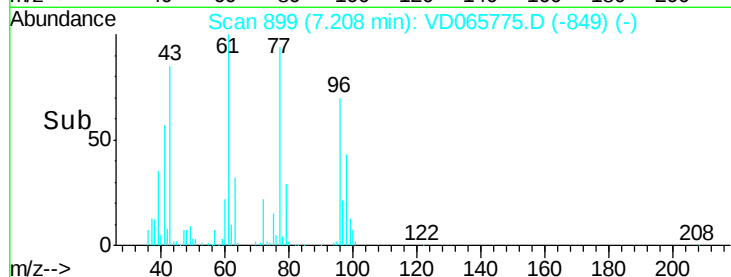
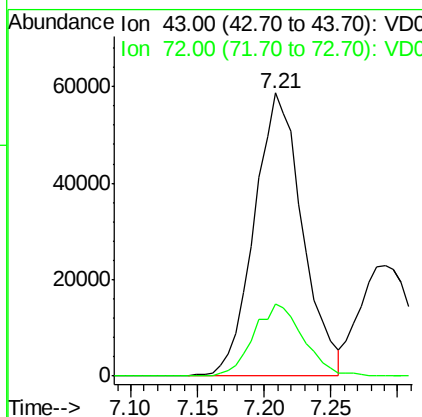
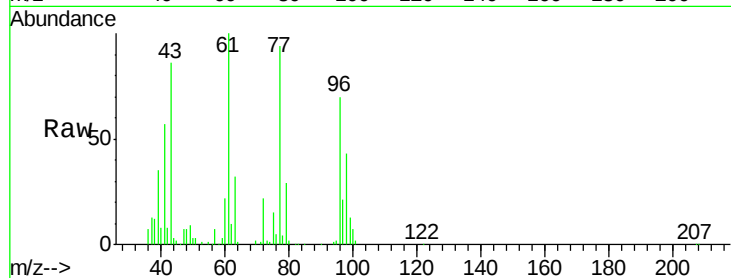
#25
2-Butanone
Concen: 231.561 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 147193
Ion Ratio Lower Upper
43 100
72 25.6 18.5 27.7

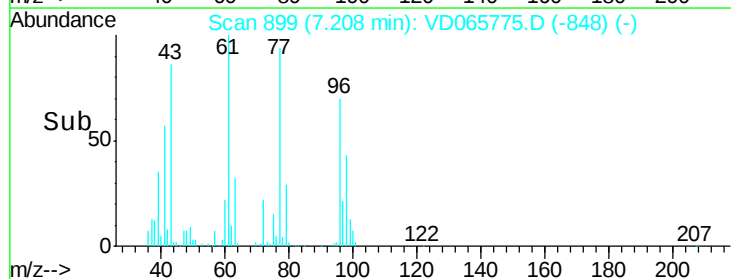
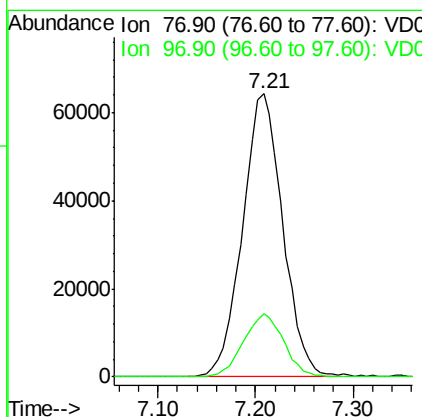
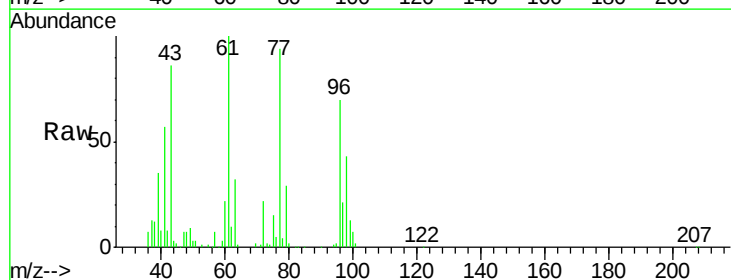
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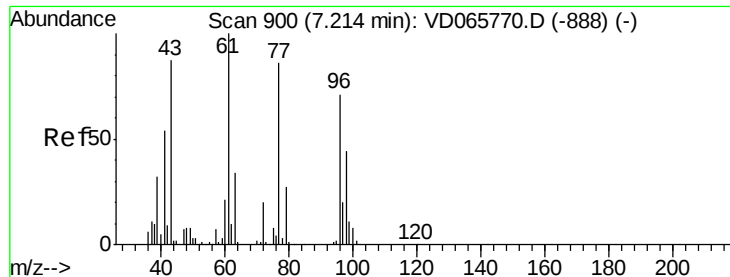
MMDadoda
6/9/2020 2:50:20 PM



#26
2,2-Dichloropropane
Concen: 45.764 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 77 Resp: 185220
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27

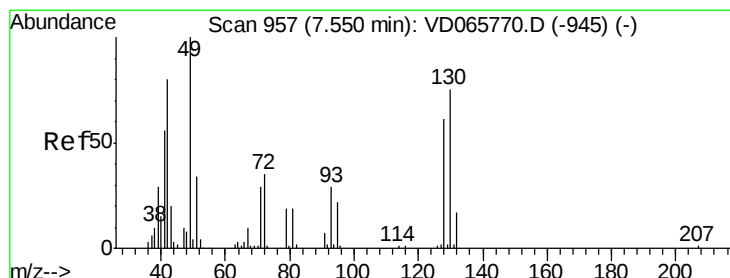
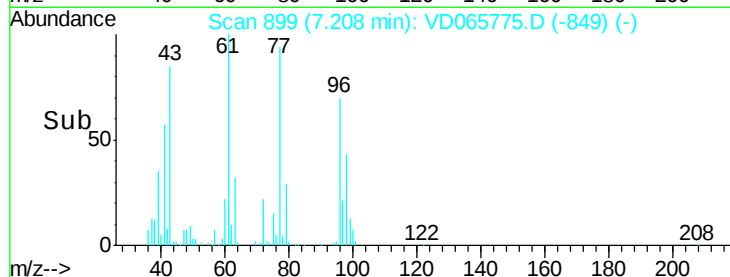
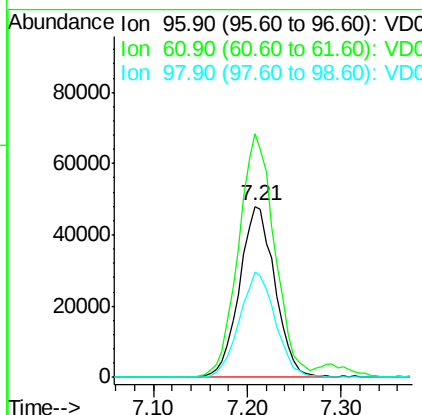
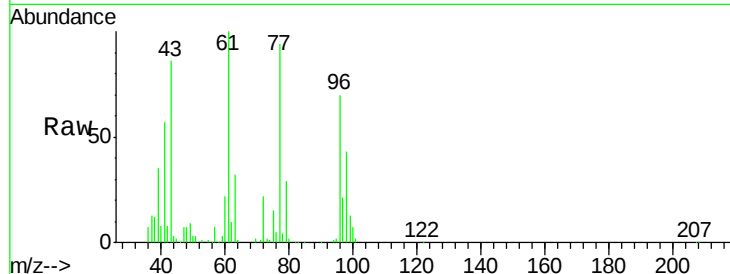
cis-1,2-Dichloroethene
Concen: 44.432 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	125565		
61	145.2	0.0	291.2	
98	62.2	0.0	128.8	

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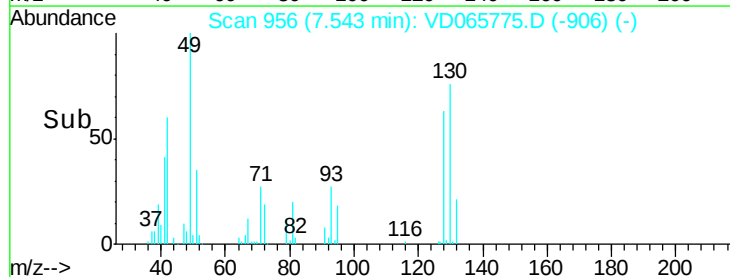
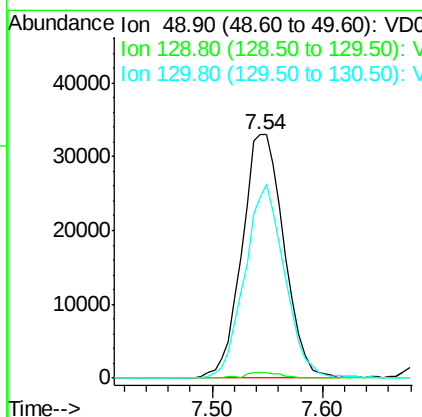
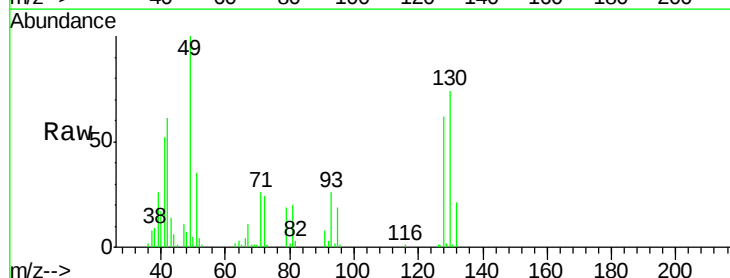
MMDadoda
6/9/2020 2:50:20 PM

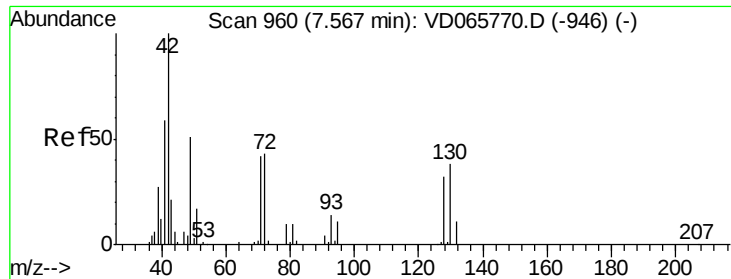


#28

Bromochloromethane
Concen: 49.959 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	88074		
129	1.9	0.0	4.6	
130	75.9	59.5	89.3	





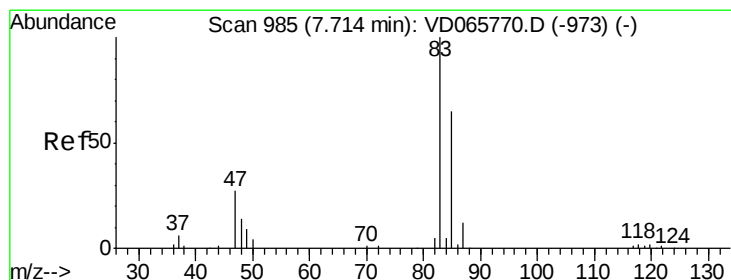
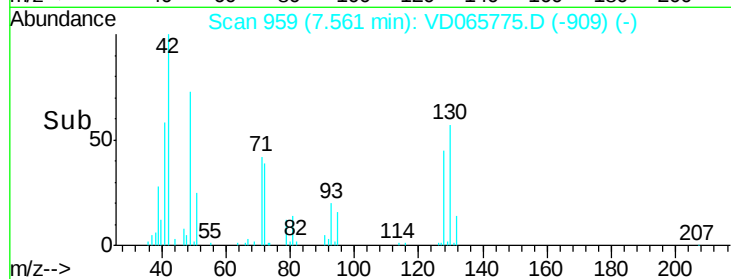
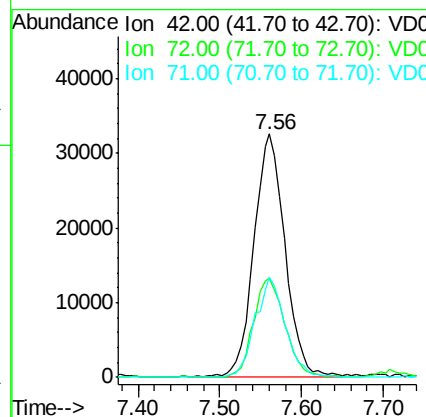
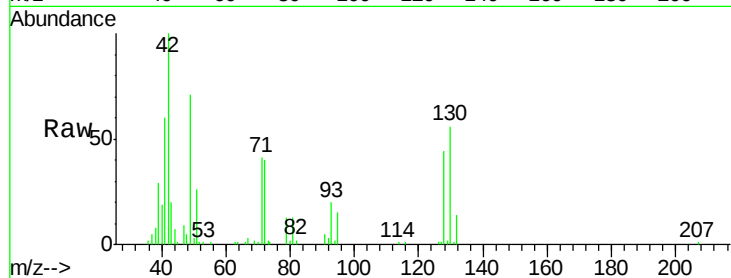
#29
Tetrahydrofuran
Concen: 215.356 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	86519
Ion	Ratio	Lower	Upper
42	100		
72	40.9	34.9	52.3
71	39.8	31.2	46.8

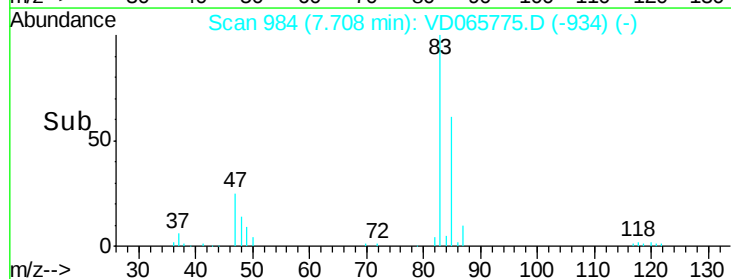
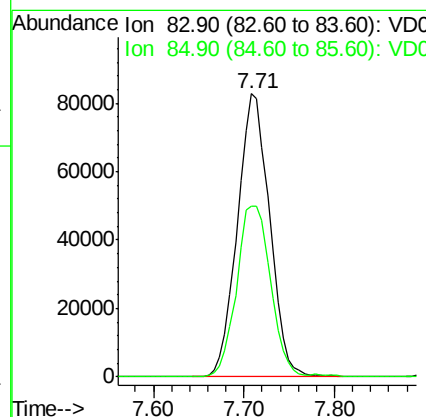
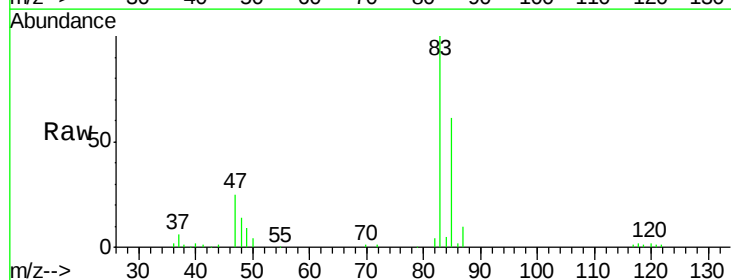
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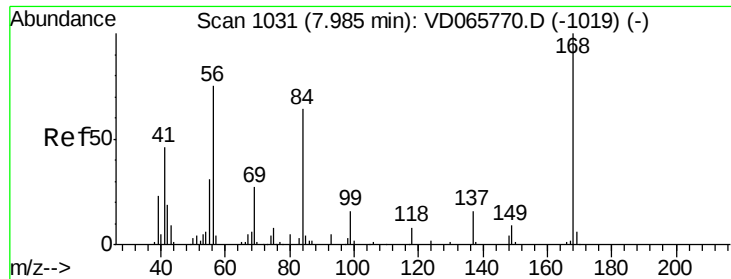
MMDadoda
6/9/2020 2:50:20 PM



#30
Chloroform
Concen: 43.318 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion:	83	Resp:	204946
Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.9	77.9





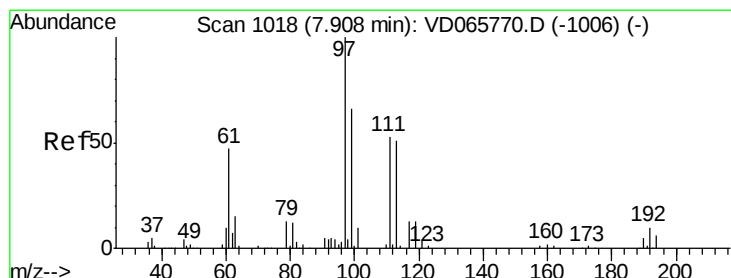
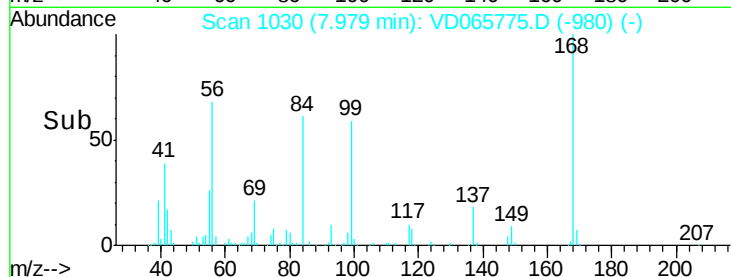
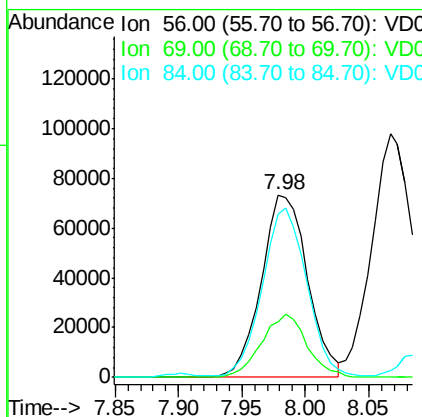
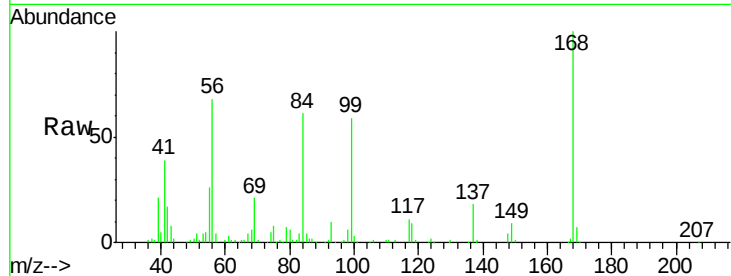
#31
Cyclohexane
Concen: 42.638 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	28.5	42.7
84	87.3	68.4	102.6

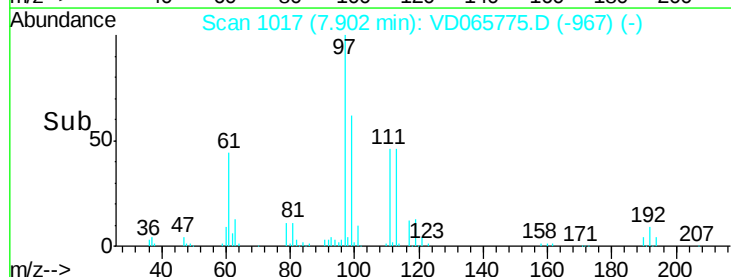
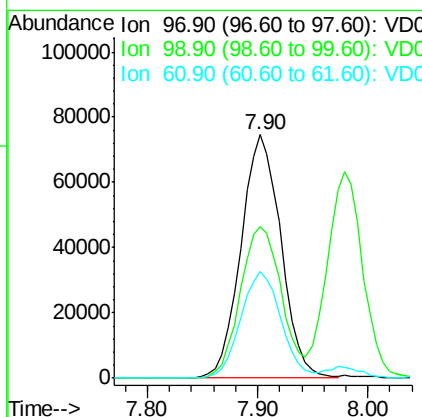
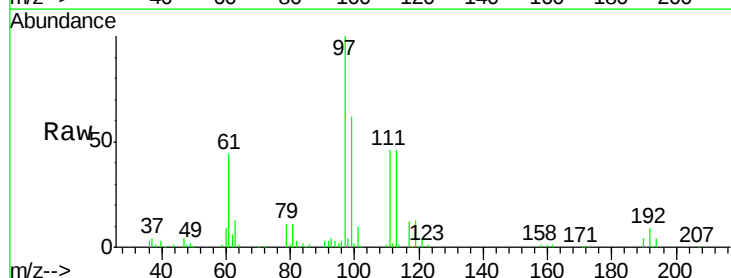
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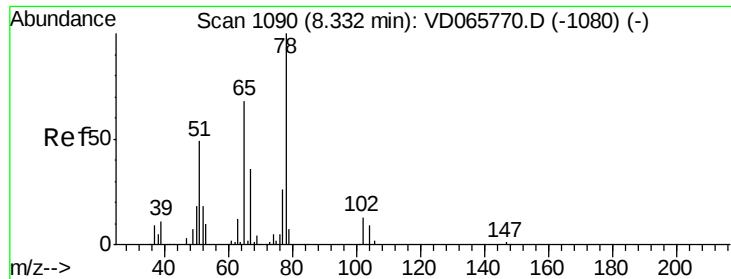
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#32
1,1,1-Trichloroethane
Concen: 43.570 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	49.2	73.8
61	44.1	36.0	54.0





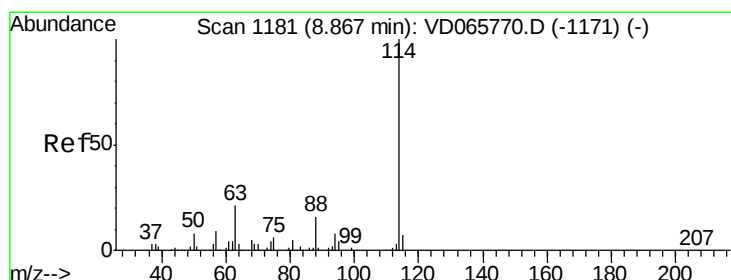
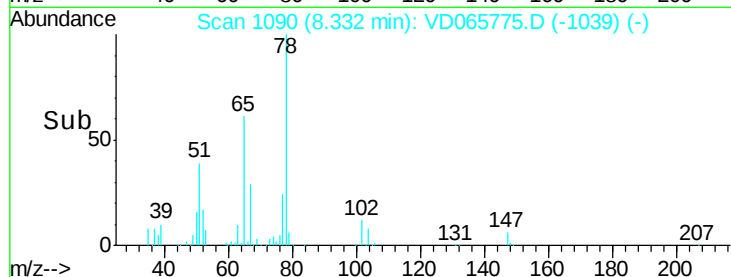
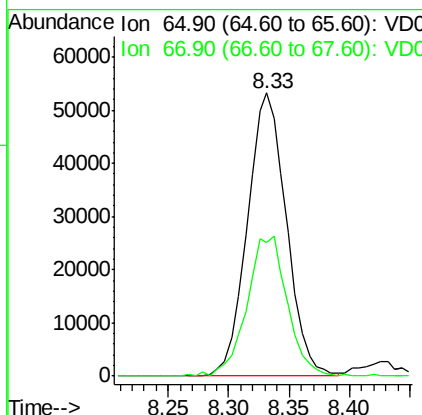
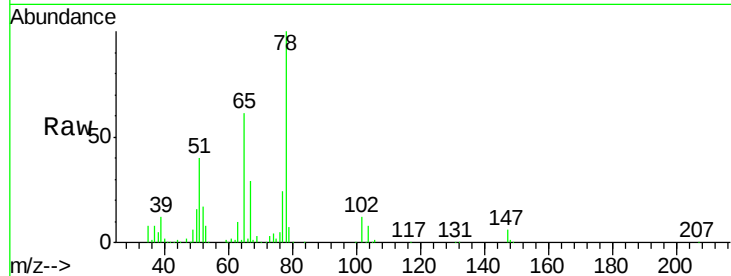
#33
 1,2-Dichloroethane-d4
 Concen: 49.035 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119646		
67	51.3	0.0	103.6	

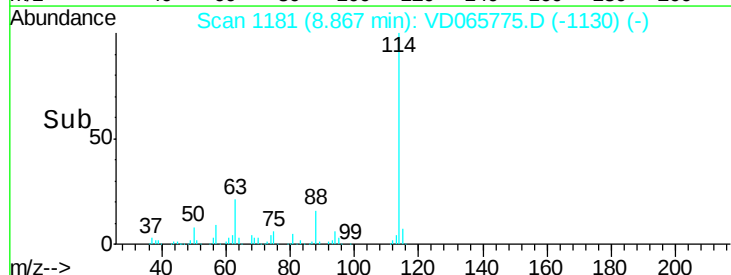
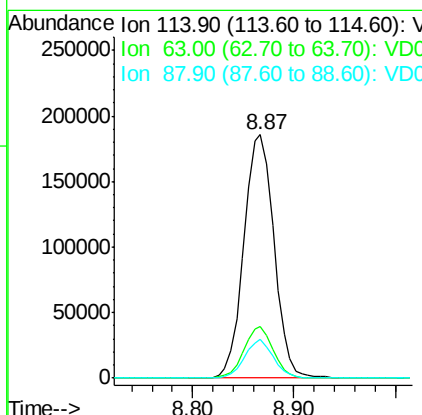
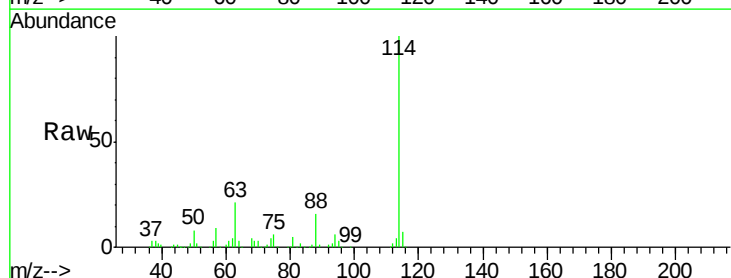
Manual Integrations
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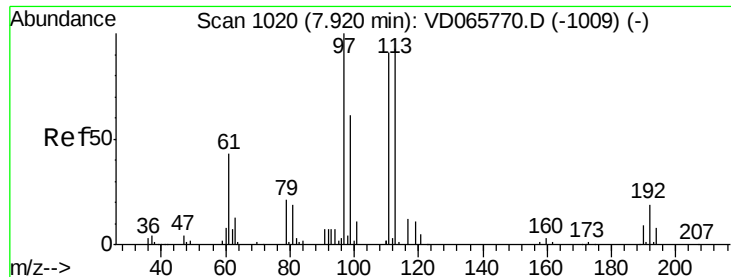
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	384551		
63	21.1	0.0	41.8	
88	15.9	0.0	32.0	





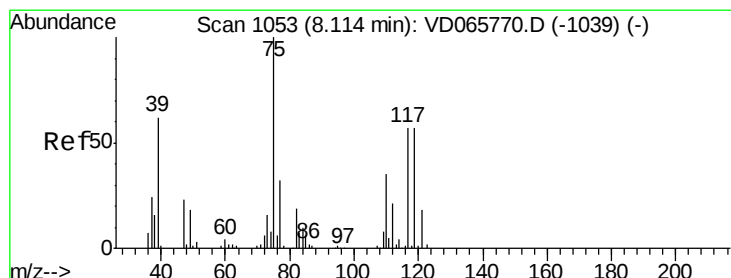
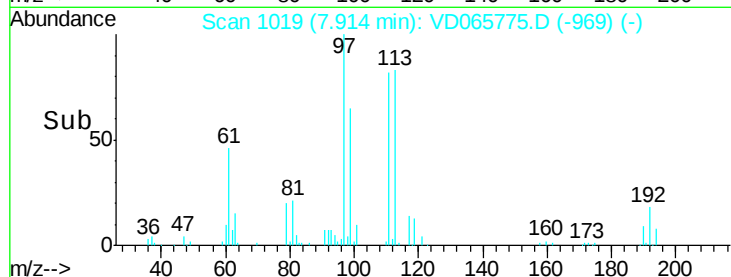
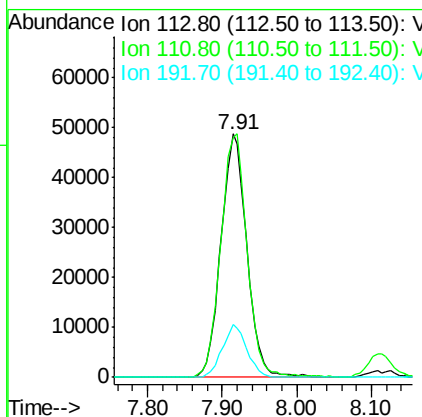
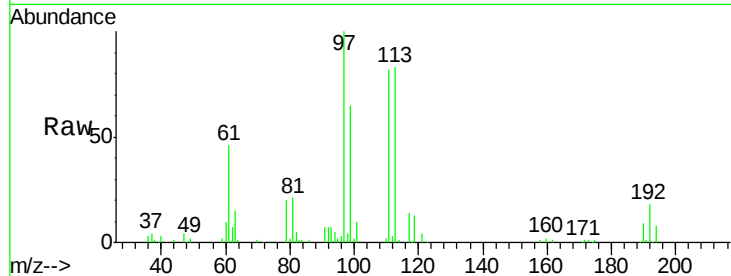
#35
 Dibromofluoromethane
 Concen: 48.377 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.4	125.0
192	20.3	15.7	23.5

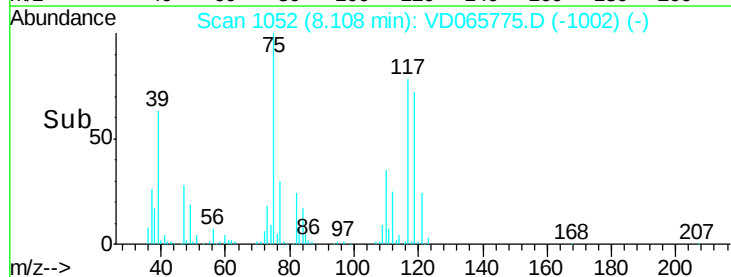
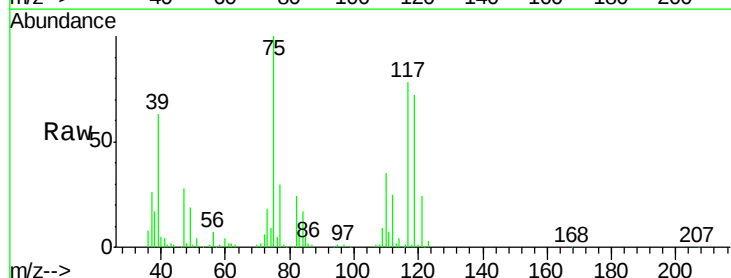
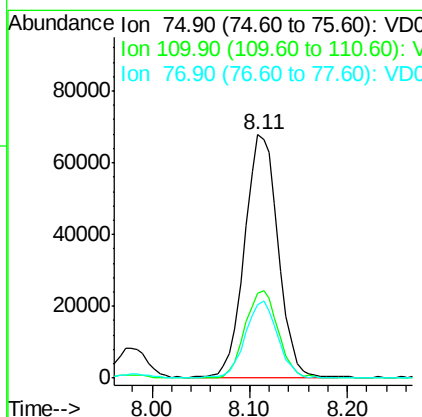
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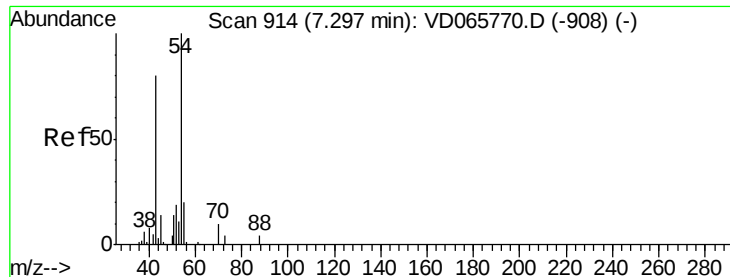
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 6/9/2020 2:50:20 PM



#36
 1,1-Dichloropropene
 Concen: 44.672 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.8
77	30.6	25.1	37.7





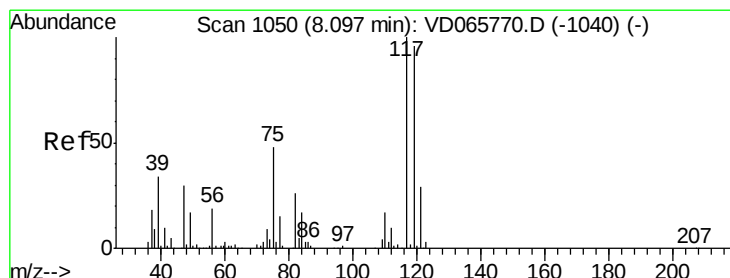
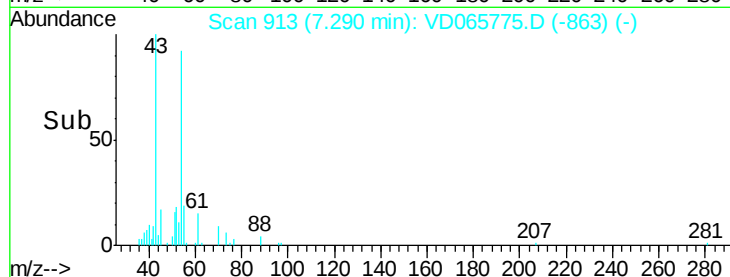
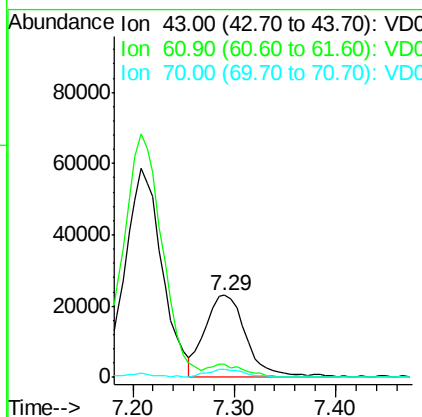
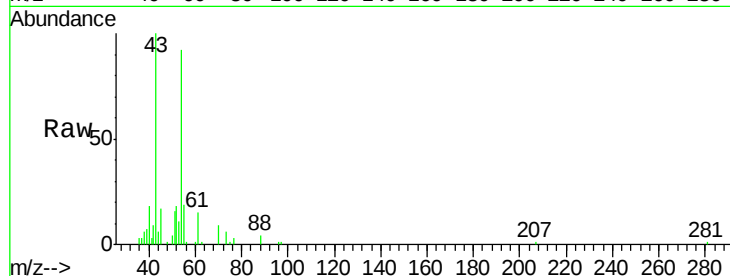
#37
Ethyl Acetate
Concen: 45.052 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	9.0	7.5	11.3

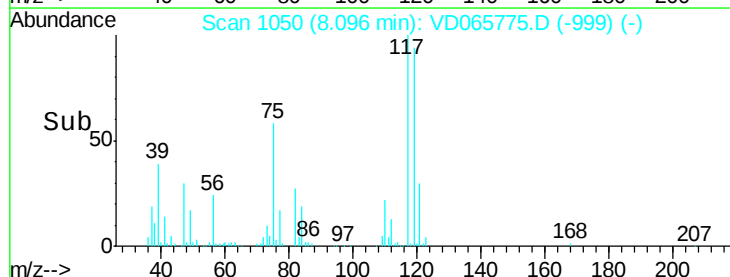
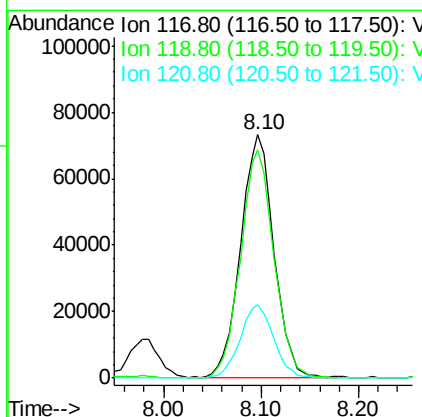
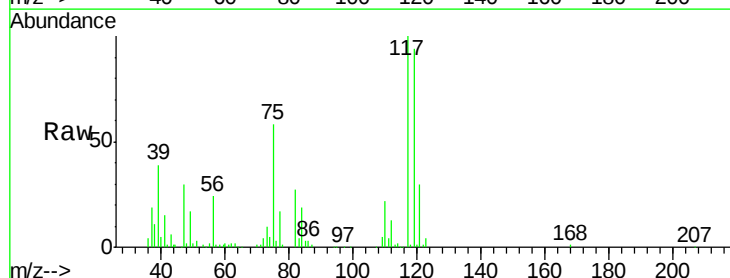
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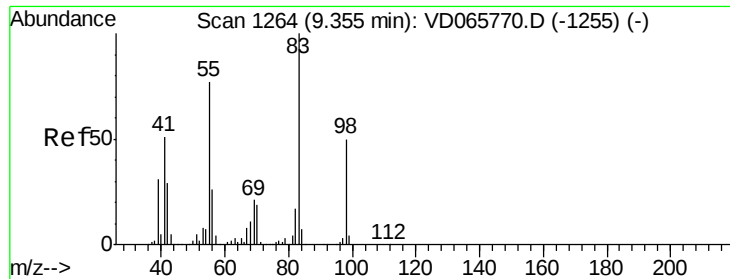
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6/9/2020 2:50:20 PM



#38
Carbon Tetrachloride
Concen: 45.198 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.8	115.2
121	29.9	23.4	35.2





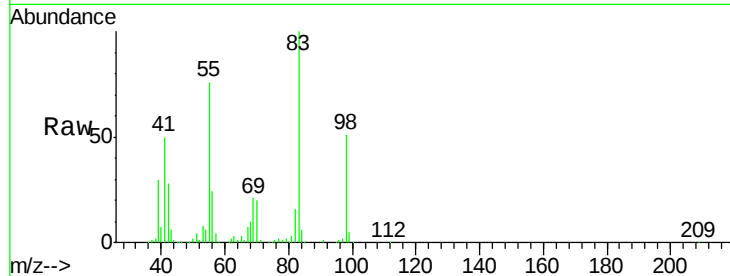
#39
Methvlcvclohexane
Concen: 45.098 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

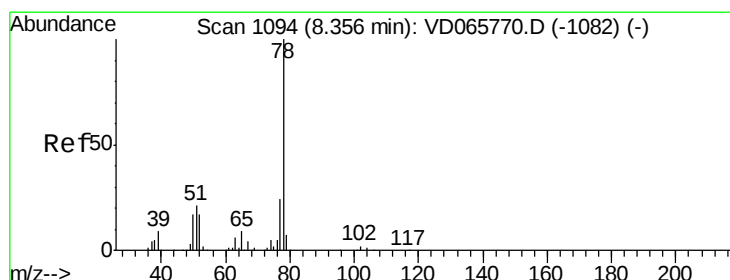
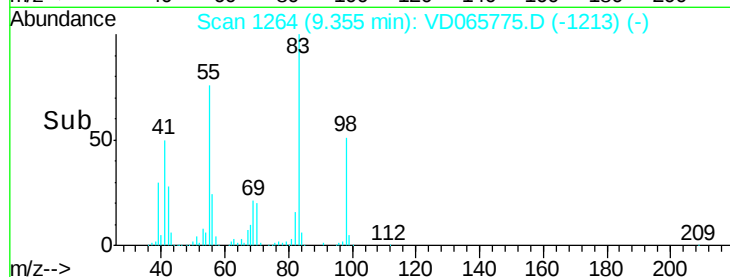
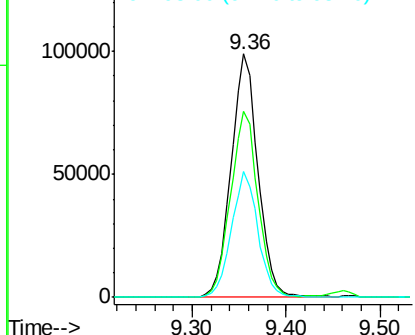
Tot Ion	Ratio	Resp	Lower	Upper
83	100	196691		
55	76.1		61.6	92.4
98	51.5		40.2	60.2

Manual Integrations
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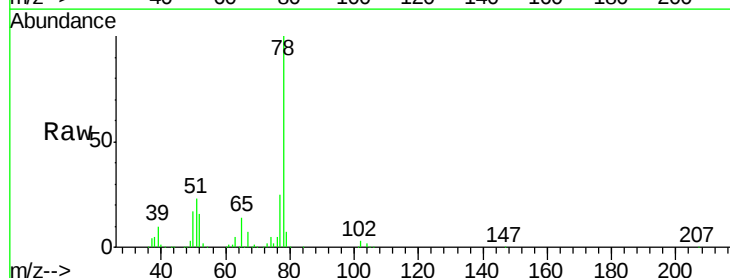


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

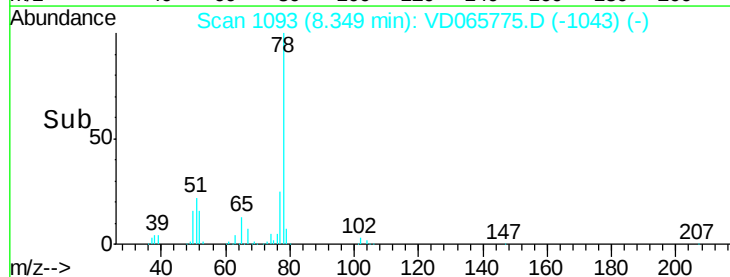
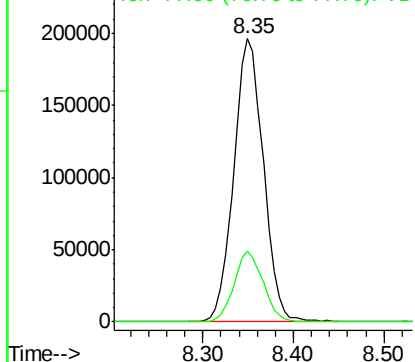


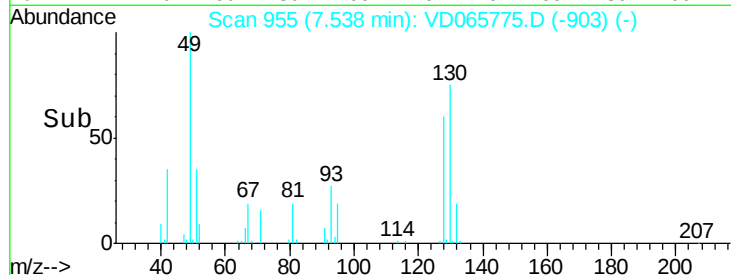
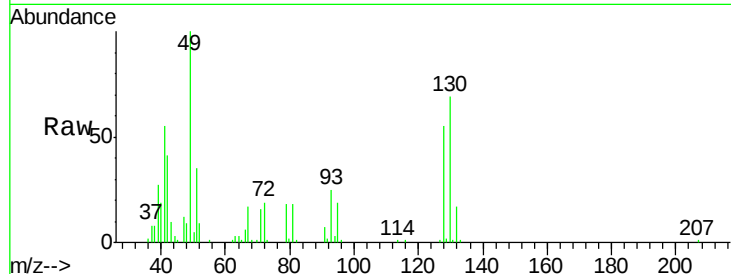
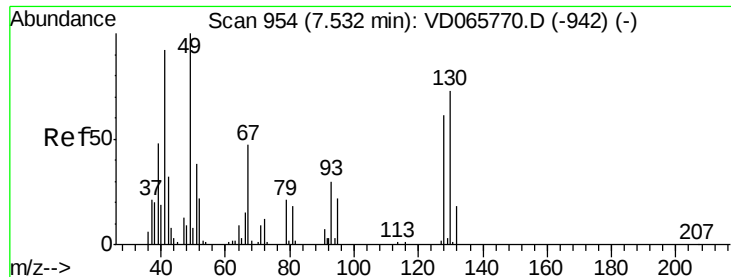
#40
Benzene
Concen: 44.299 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	446121		
77	24.8		19.2	28.8



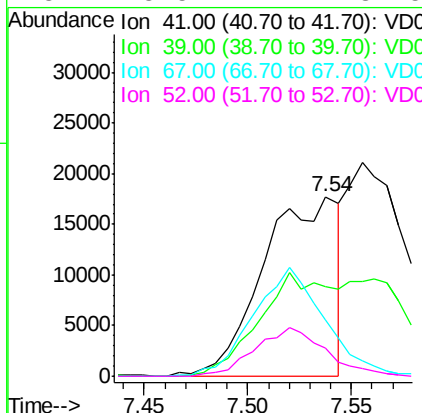
Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41
Methacrylonitrile
Concen: 51.694 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

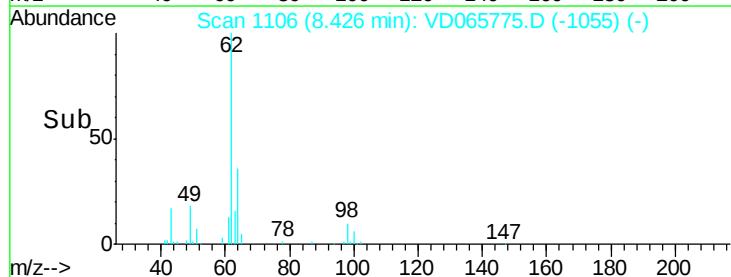
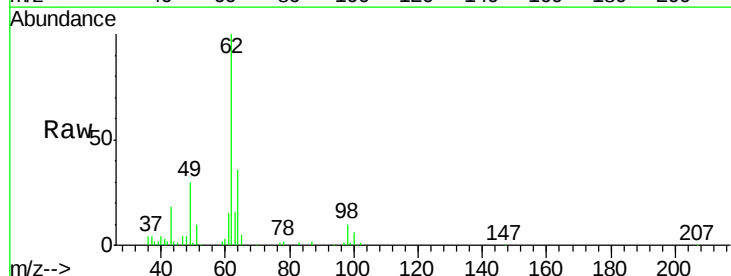
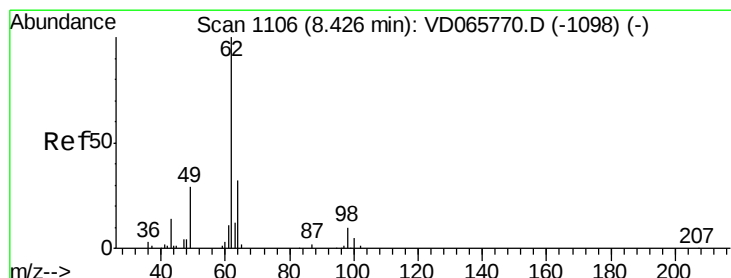
Tot Ion	41	Resp	44662
Ion	Ratio	Lower	Upper
41	100		
39	56.2	38.3	57.5
67	57.8	49.8	74.6
52	25.5	21.7	32.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

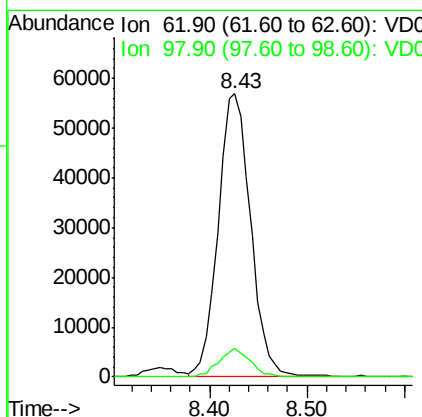
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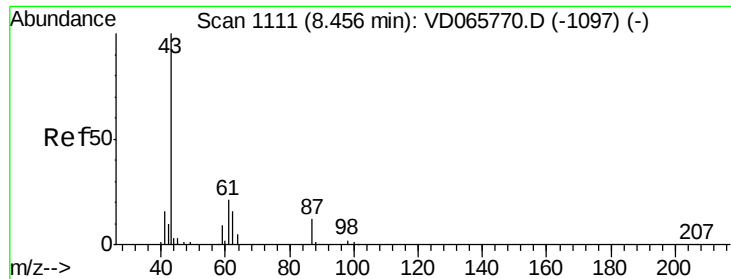
MMDadoda
6/9/2020 2:50:20 PM



#42
1,2-Dichloroethane
Concen: 43.047 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	62	Resp	130801
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





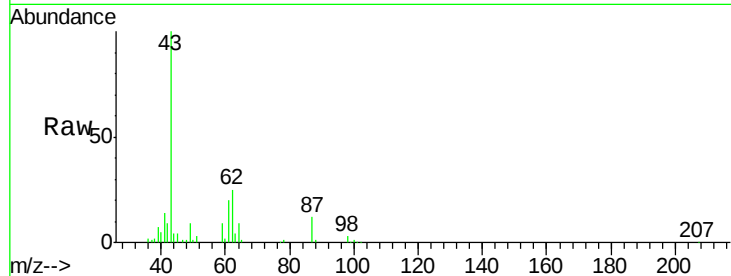
#43
Isopropyl Acetate
Concen: 43.865 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

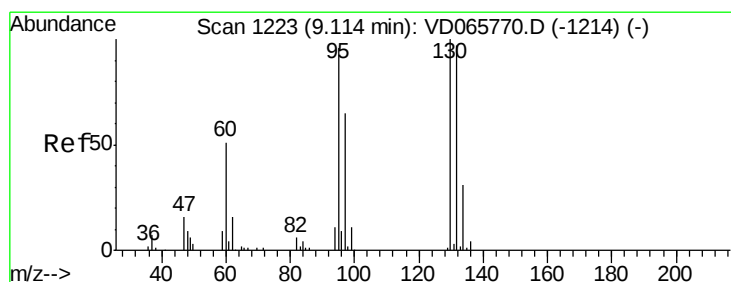
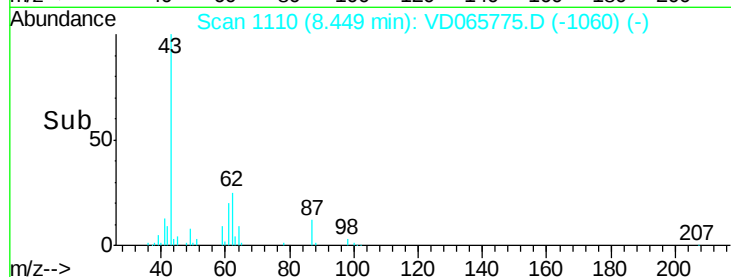
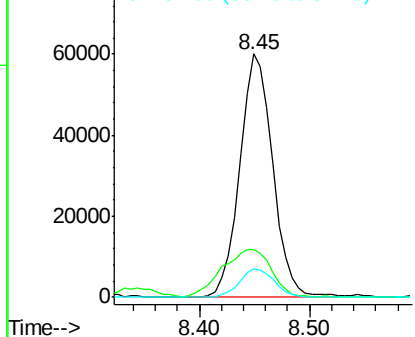
Tot Ion	43	Resp	126564
Ion	Ratio	Lower	Upper
43	100		
61	28.5	24.2	36.4
87	12.2	9.5	14.3

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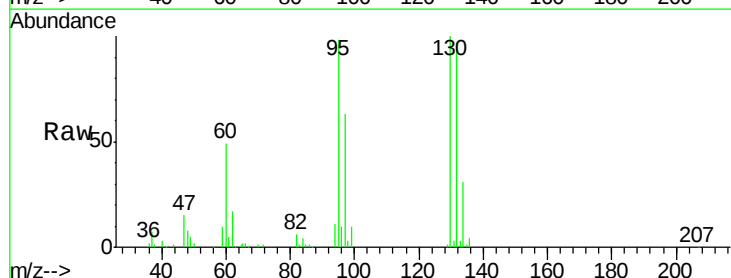


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

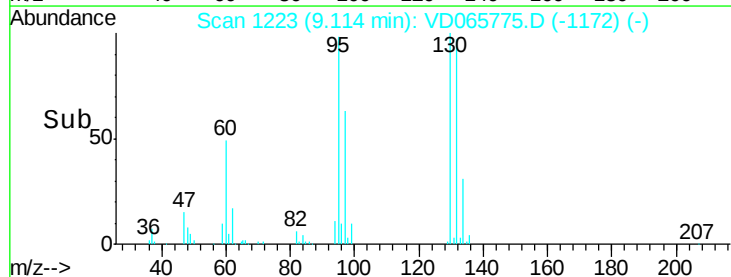
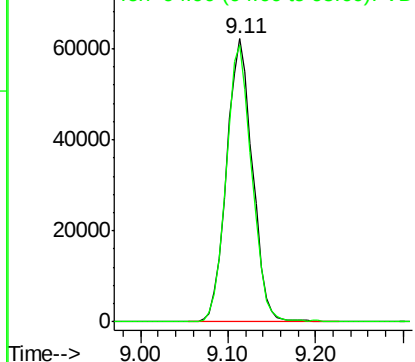


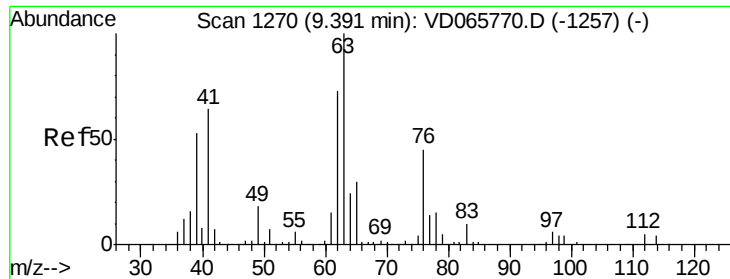
#44
Trichloroethene
Concen: 44.670 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	130	Resp	125190
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





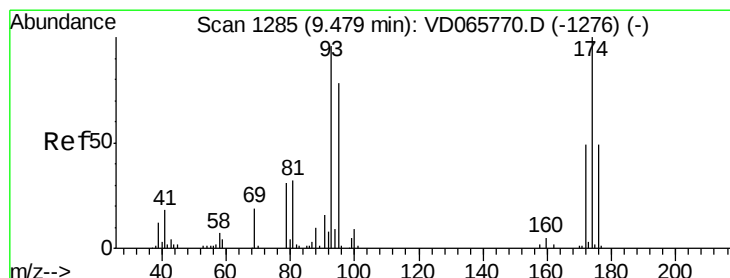
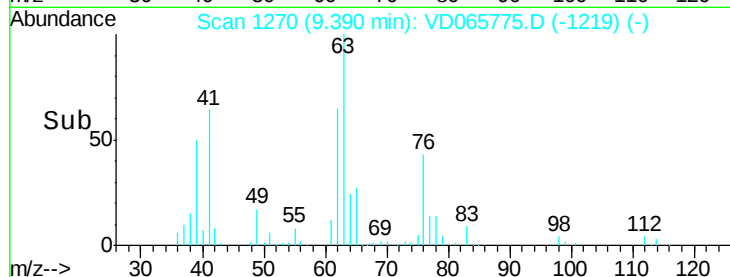
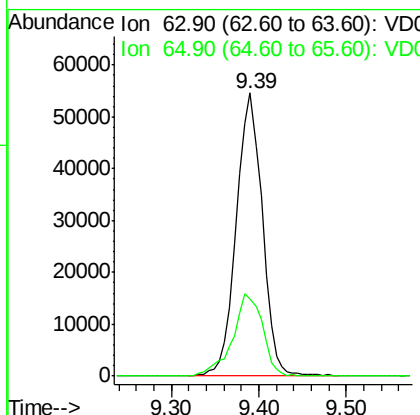
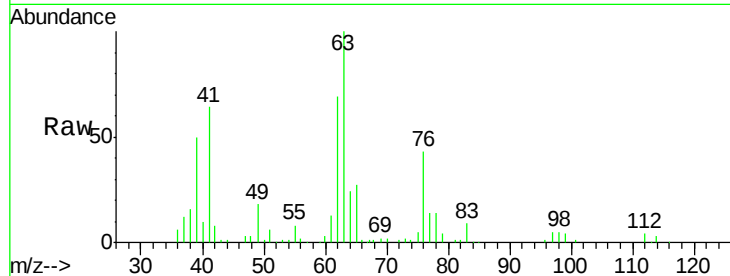
#45
 1,2-Dichloropropane
 Concen: 43.410 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 109846
 Ion Ratio Lower Upper
 63 100
 65 27.3 24.2 36.2

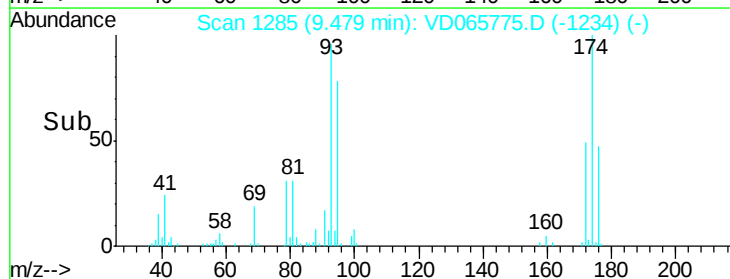
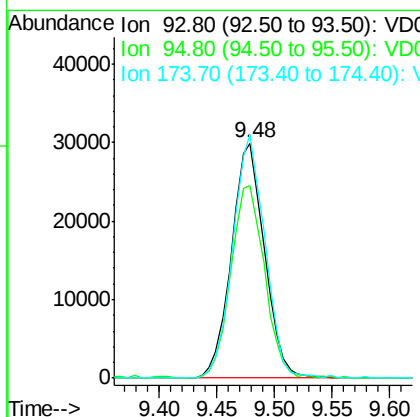
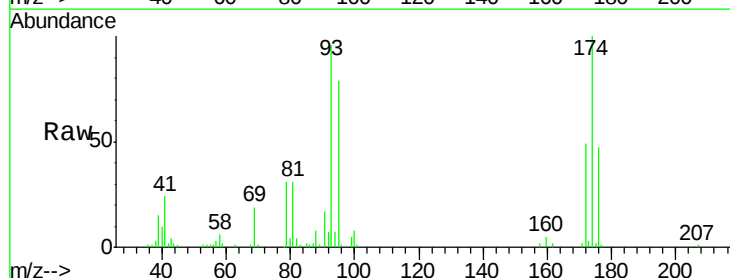
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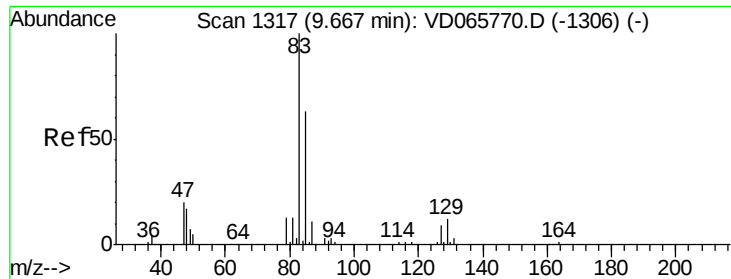
MMDadoda
 6/9/2020 2:50:20 PM



#46
 Dibromomethane
 Concen: 43.281 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 93 Resp: 59397
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.6
 174 100.8 80.9 121.3





#47

Bromodichloromethane

Concen: 43.039 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

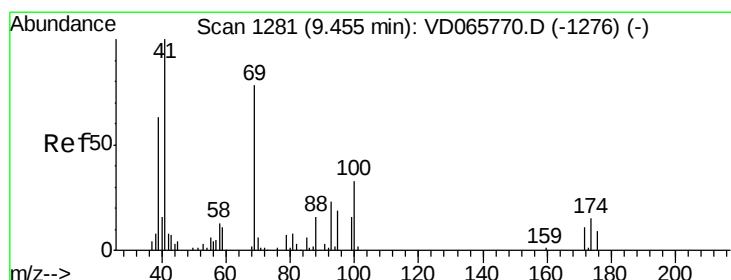
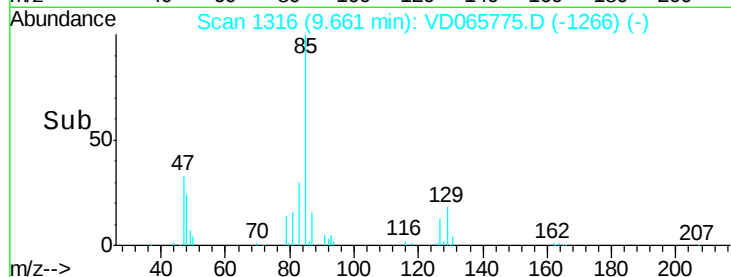
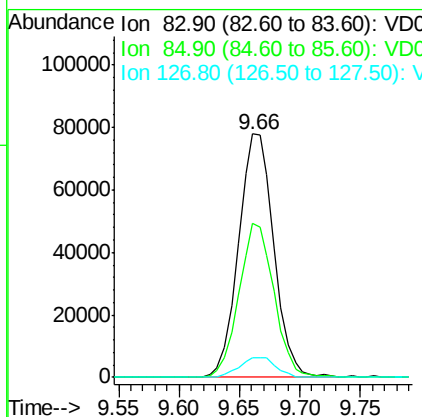
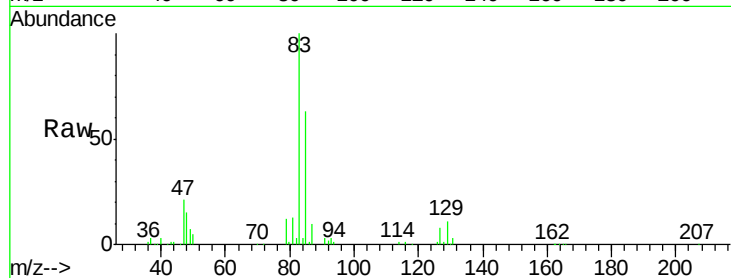
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	158278
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.7	76.1
127	8.2	7.1	10.7

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#48

Methyl methacrylate

Concen: 45.477 ug/l

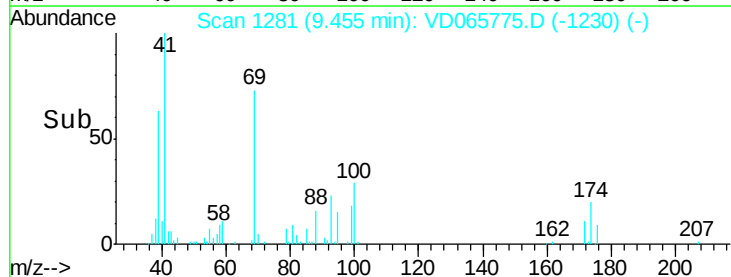
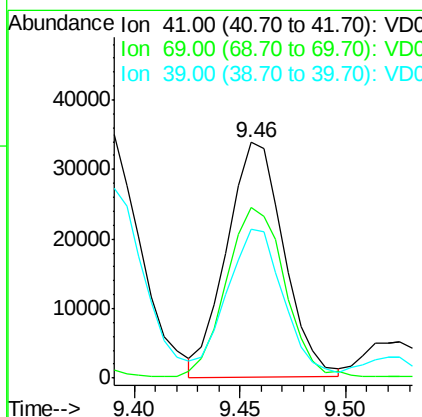
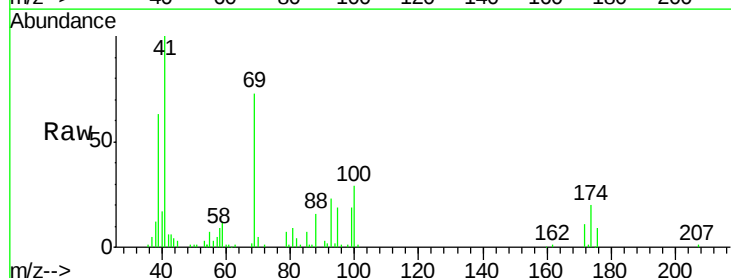
RT: 9.46 min Scan# 1281

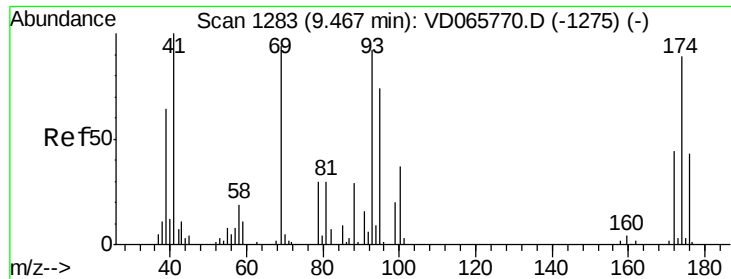
Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion:	41	Resp:	63514
Ion	Ratio	Lower	Upper
41	100		
69	75.9	60.9	91.3
39	58.7	48.1	72.1





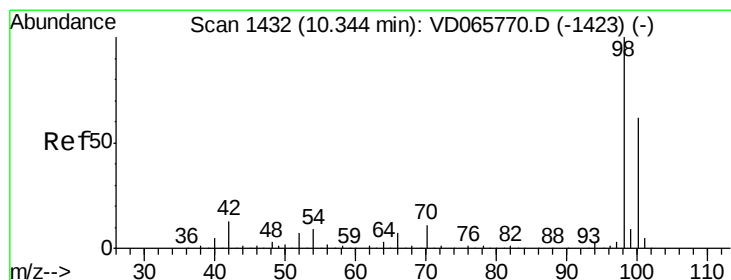
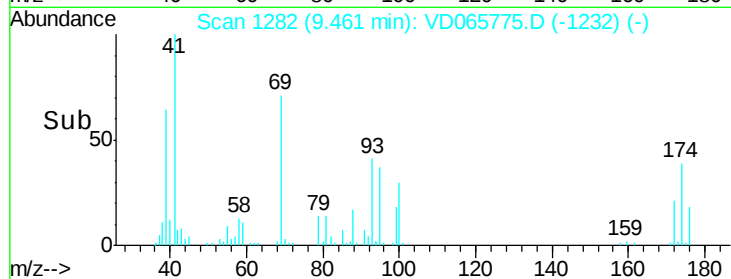
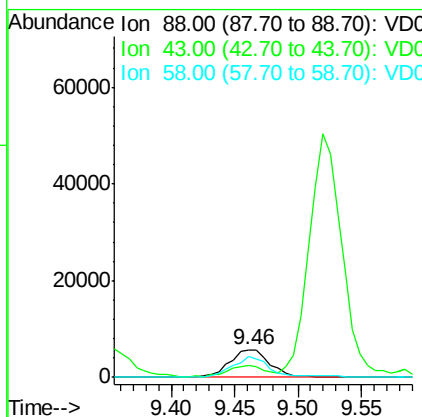
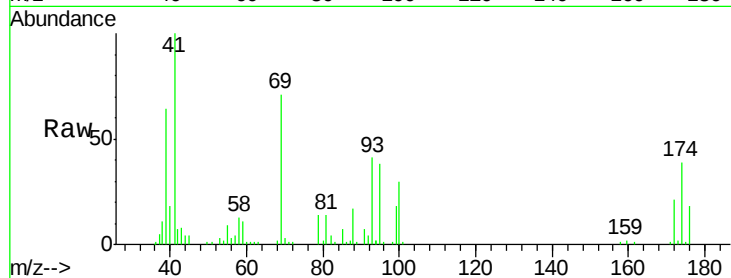
#49
1,4-Dioxane
Concen: 859.509 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	32.2	48.4
58	66.3	54.9	82.3

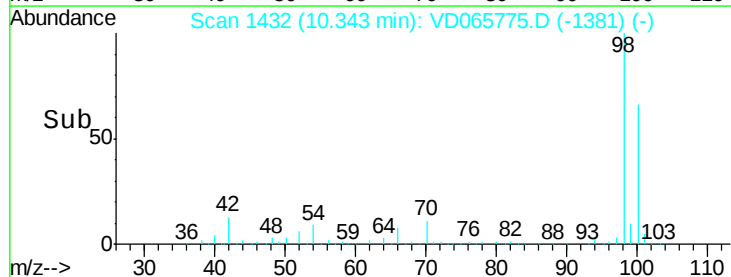
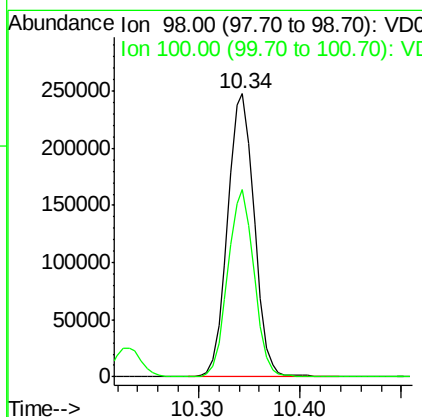
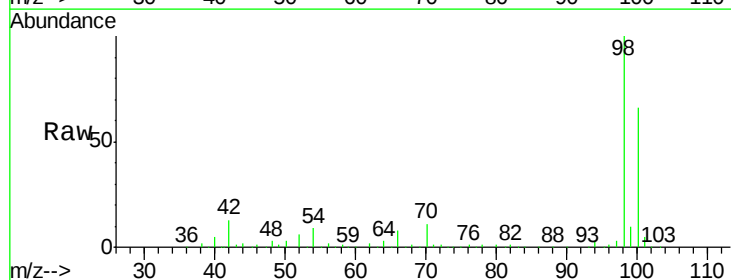
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#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.2





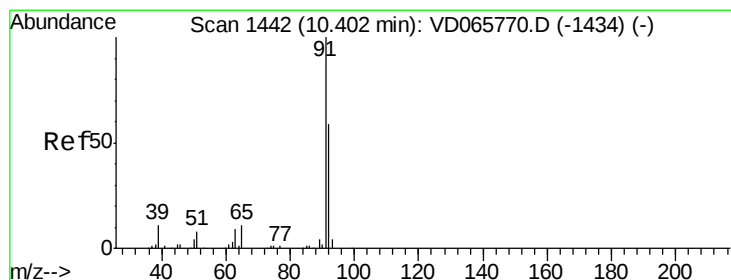
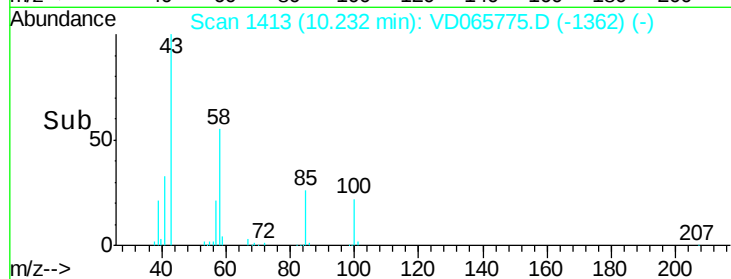
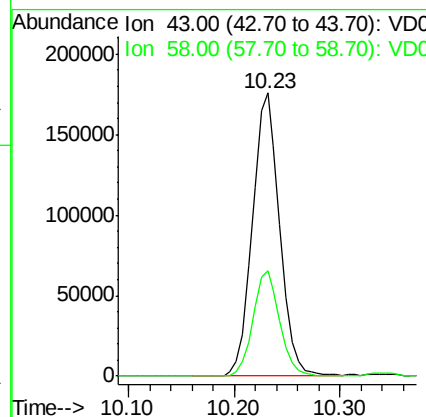
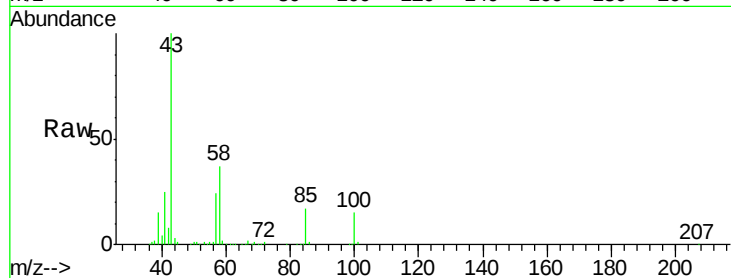
#51
 4-Methyl-2-Pentanone
 Concen: 222.969 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	315238
Ion Ratio	43	100	
Lower	58	36.5	30.7
Upper			46.1

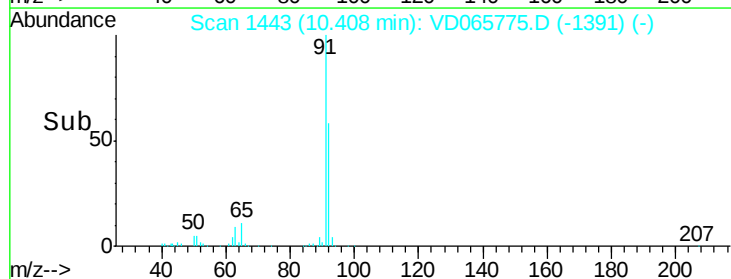
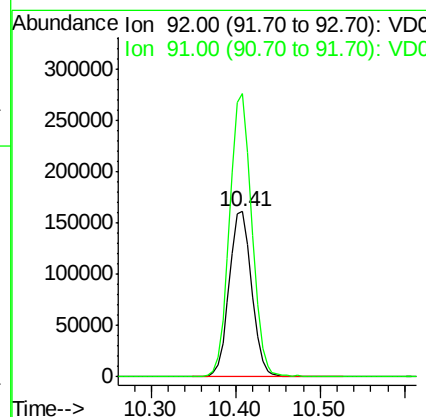
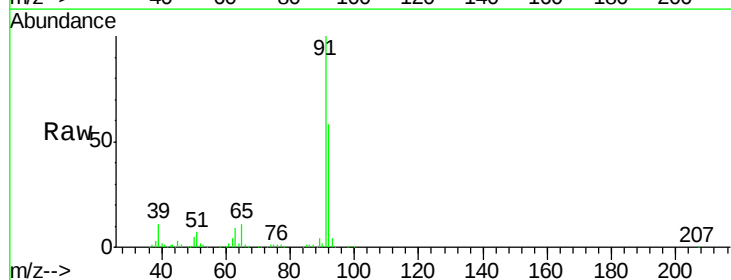
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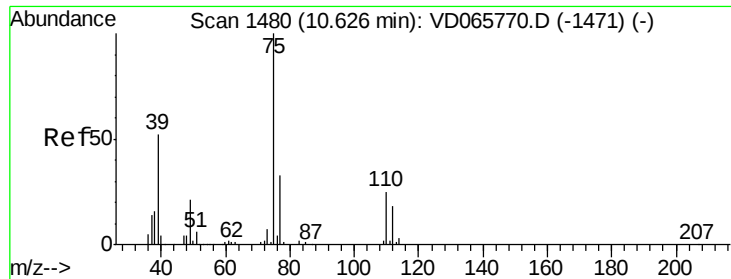
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 6/9/2020 2:50:20 PM



#52
 Toluene
 Concen: 45.275 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	92	Resp	296257
Ion Ratio	92	100	
Lower	91	169.6	137.8
Upper			206.8





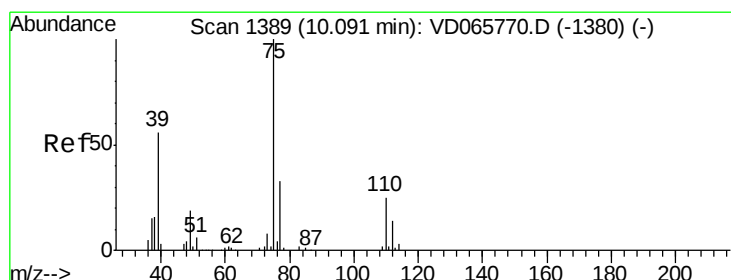
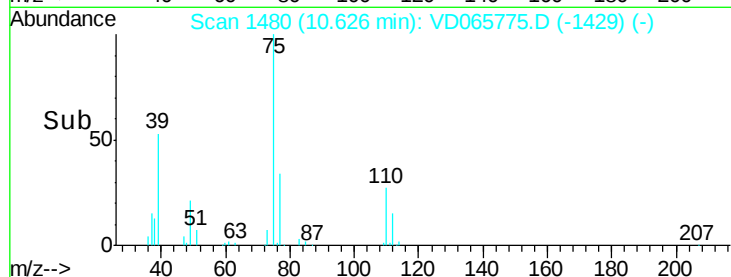
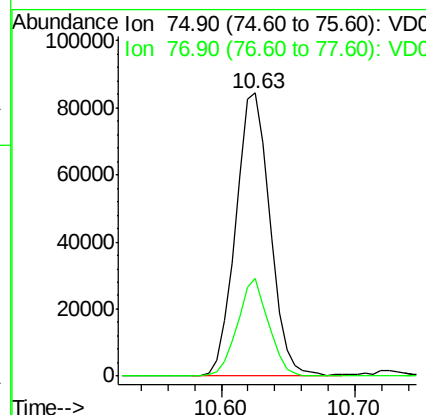
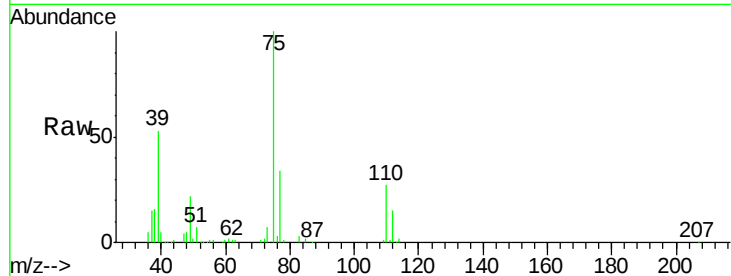
#53
t-1,3-Dichloropropene
Concen: 45.334 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 150968
Ion Ratio Lower Upper
75 100
77 34.4 26.4 39.6

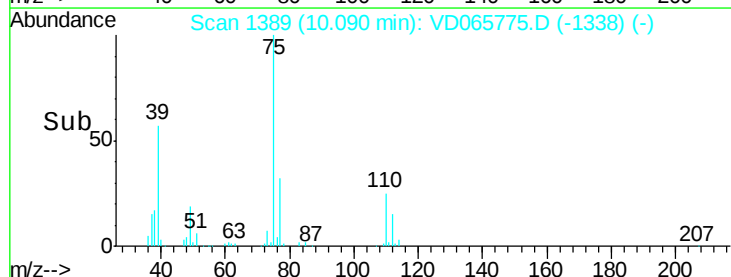
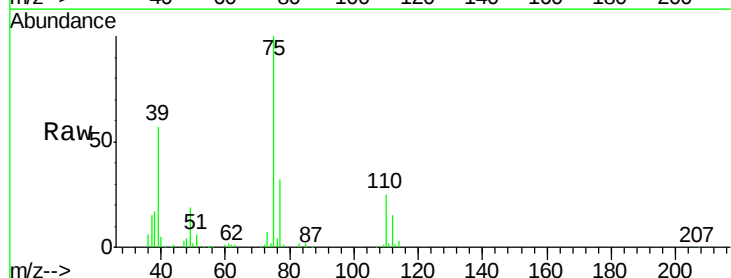
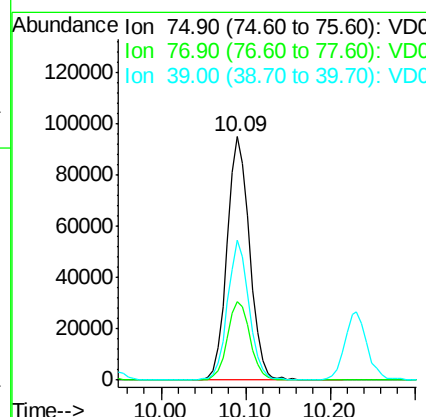
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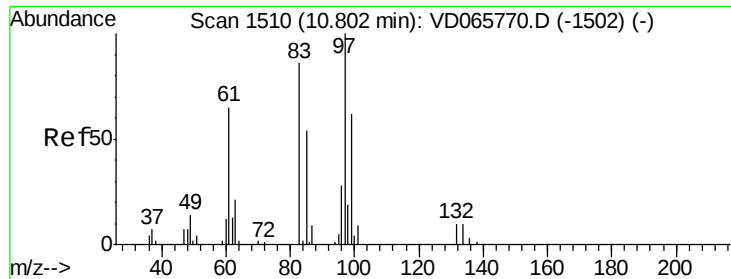
MMDadoda
6/9/2020 2:50:20 PM



#54
cis-1,3-Dichloropropene
Concen: 44.353 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 75 Resp: 174440
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
39 57.5 45.0 67.6





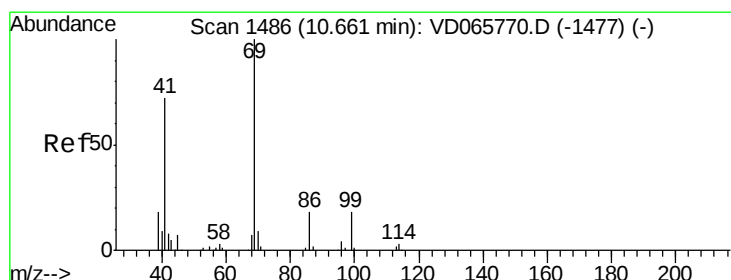
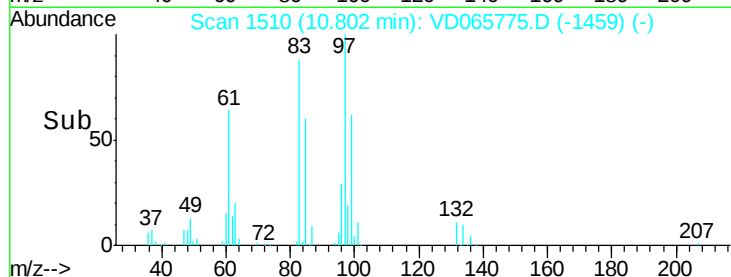
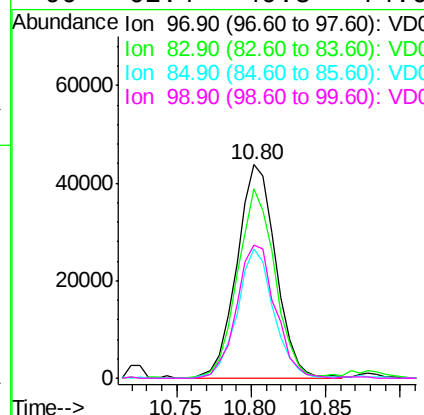
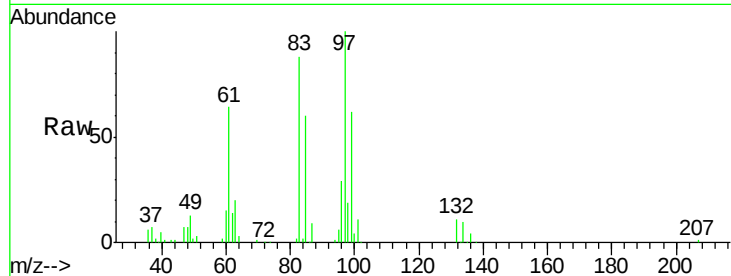
#55
 1,1,2-Trichloroethane
 Concen: 43.244 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.7	103.1
85	60.5	43.0	64.6
99	62.4	49.8	74.6

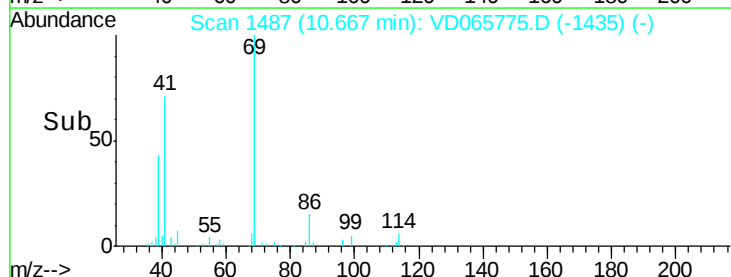
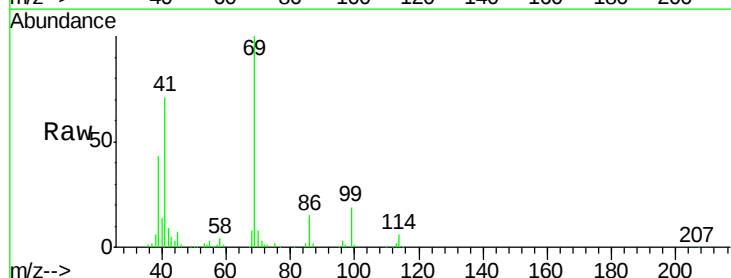
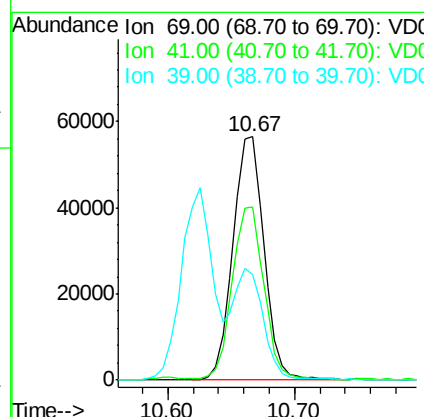
Manual Integrations
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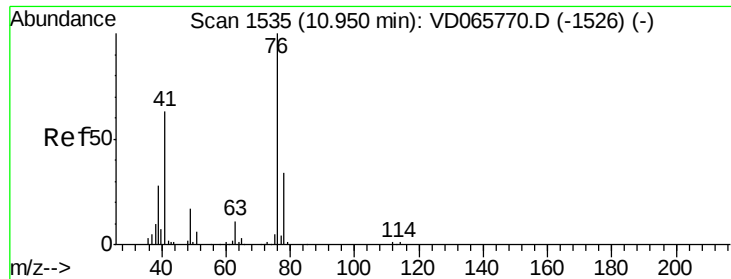
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 6/9/2020 2:50:20 PM



#56
 Ethyl methacrylate
 Concen: 44.447 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.9	85.3
39	44.4	36.0	54.0





#57

1,3-Dichloropropane

Concen: 42.951 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 136450

Ion Ratio Lower Upper

76 100

78 31.3

26.3

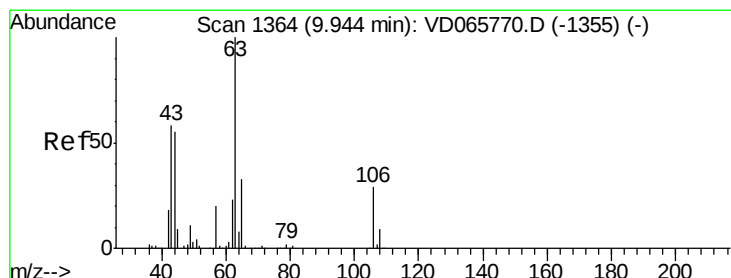
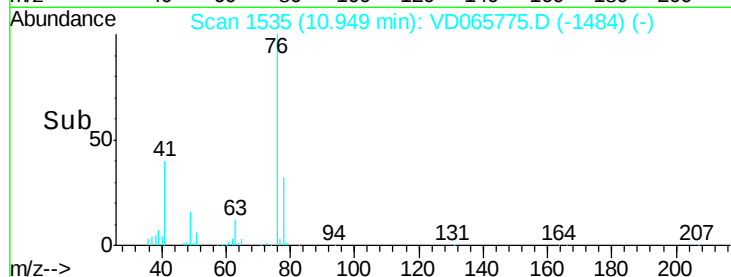
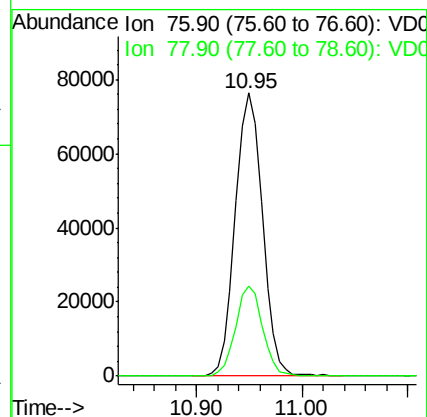
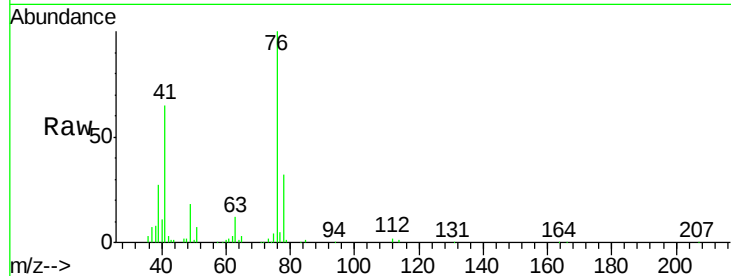
39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 256.317 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion: 63 Resp: 257018

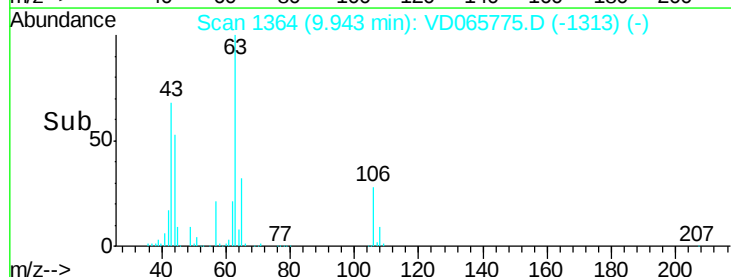
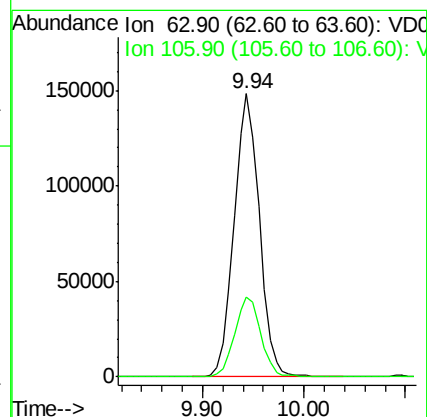
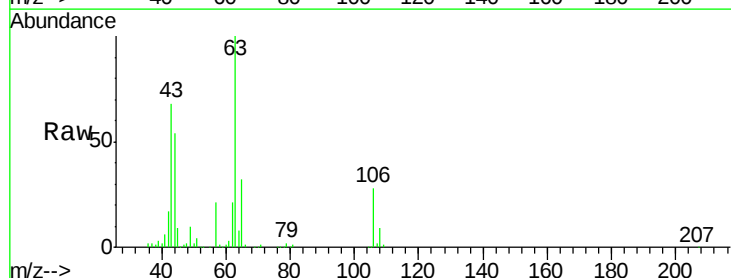
Ion Ratio Lower Upper

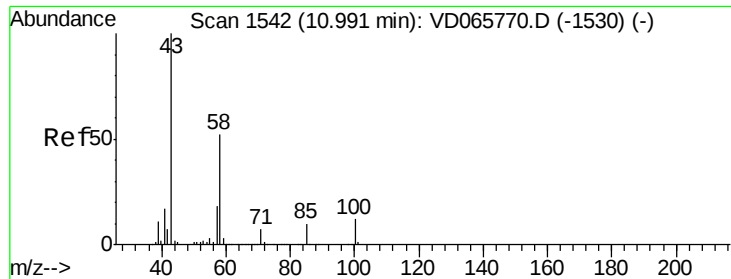
63 100

106 29.0

23.2

34.8





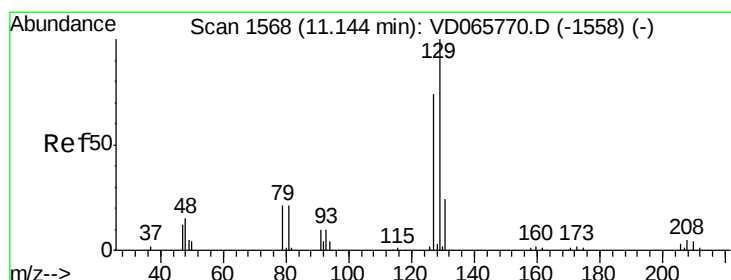
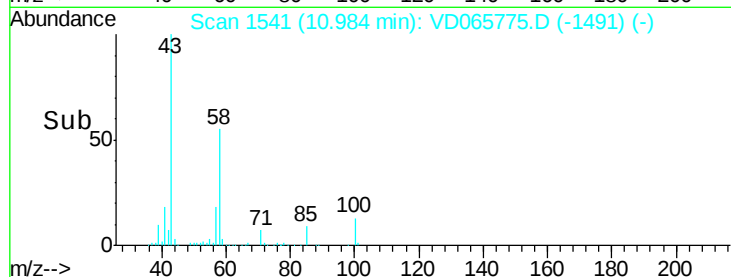
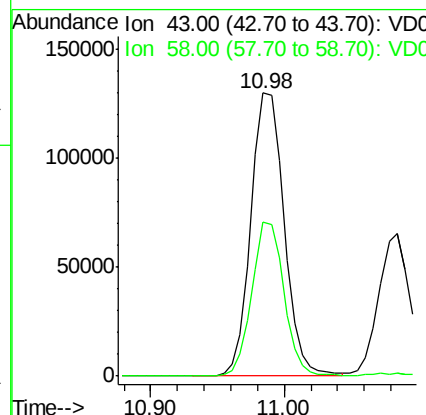
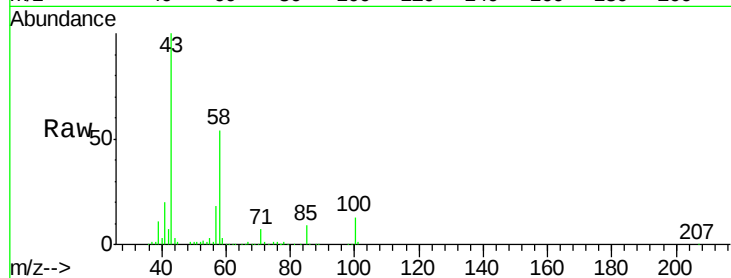
#59
2-Hexanone
Concen: 235.392 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 224372
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.0

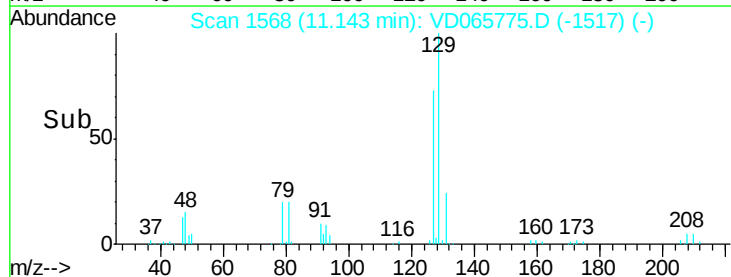
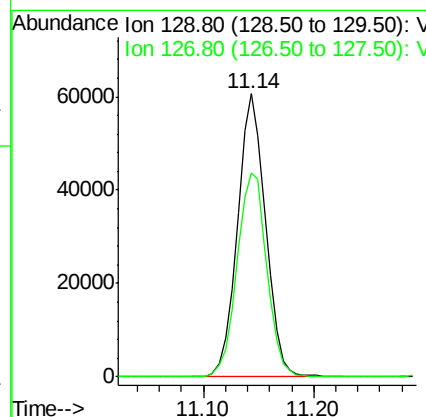
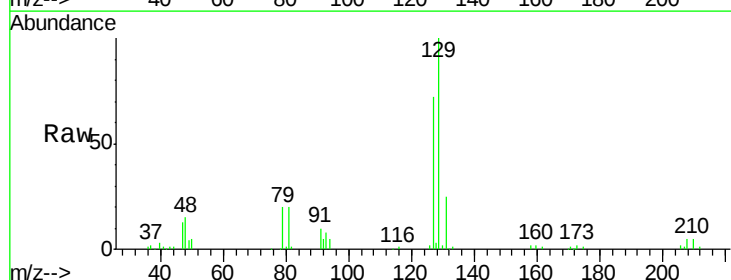
Manual Integrations
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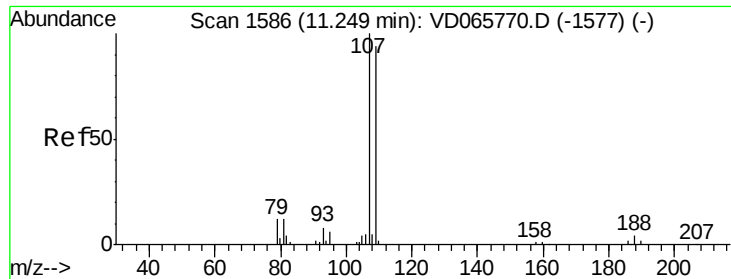
MMDadoda
6/9/2020 2:50:20 PM



#60
Dibromochloromethane
Concen: 43.736 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 129 Resp: 108339
Ion Ratio Lower Upper
129 100
127 76.1 38.0 113.9





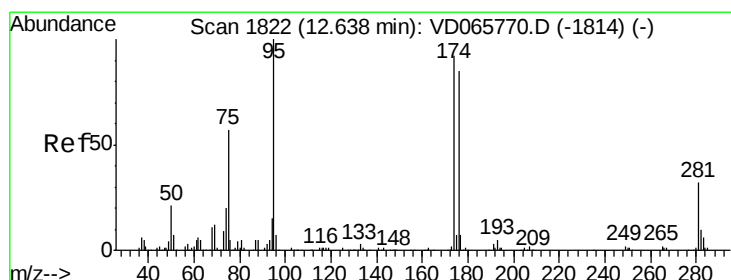
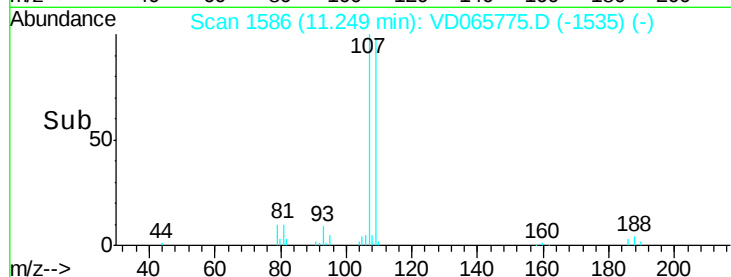
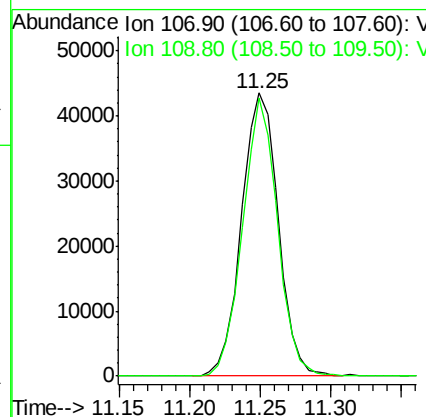
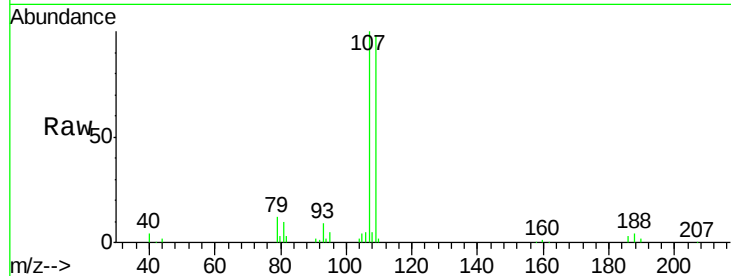
#61
 1,2-Dibromoethane
 Concen: 43.922 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.4	111.6

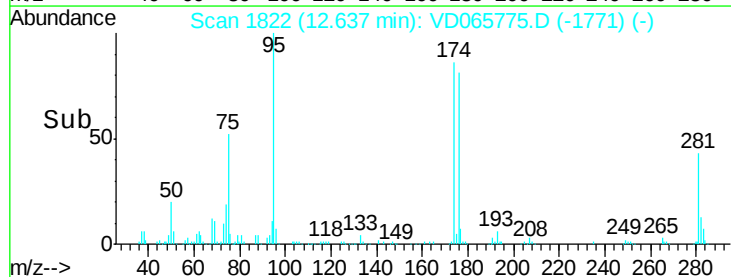
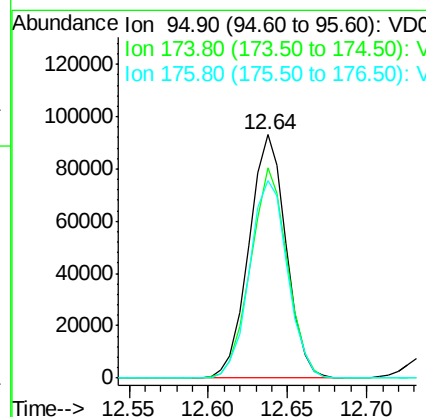
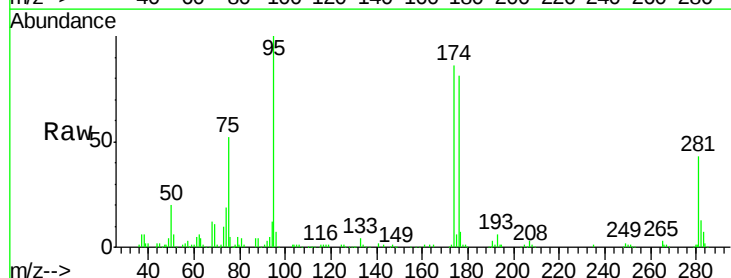
Manual Integrations
 APPROVED

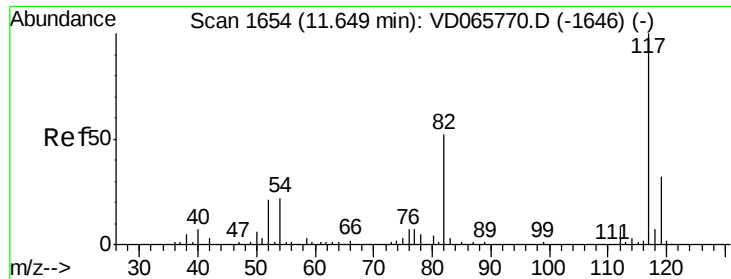
MMDadoda
 6/9/2020 2:50:20 PM



#62
 4-Bromofluorobenzene
 Concen: 49.394 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	175.2
176	83.0	0.0	163.0





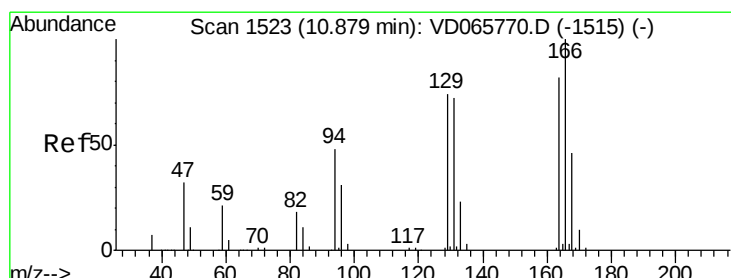
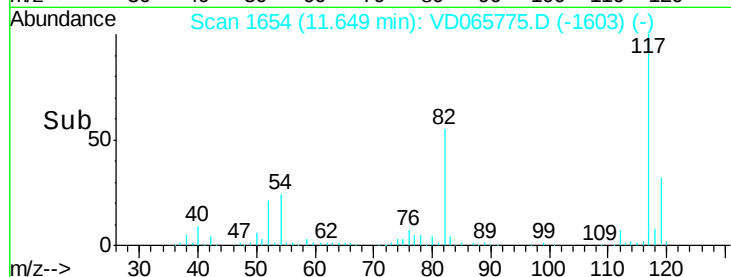
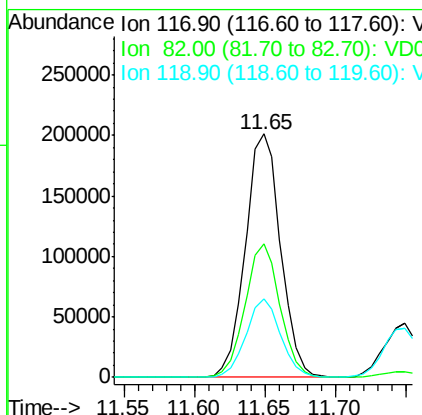
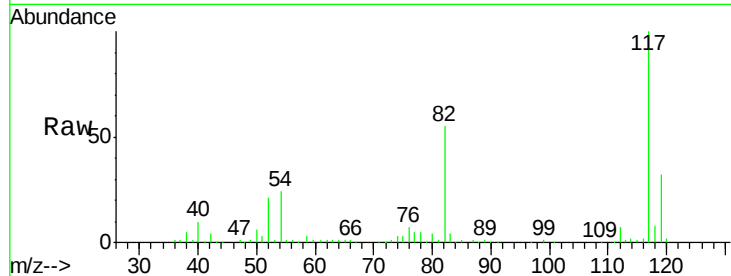
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.9	62.9
119	32.0	25.3	37.9

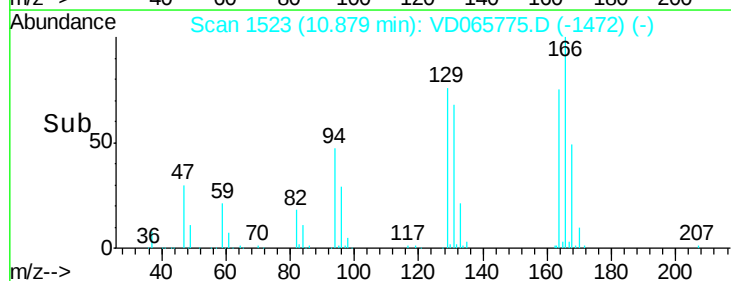
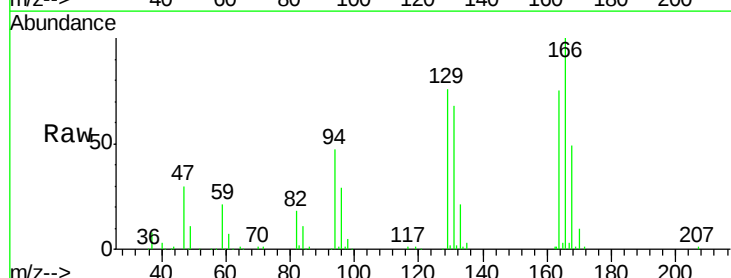
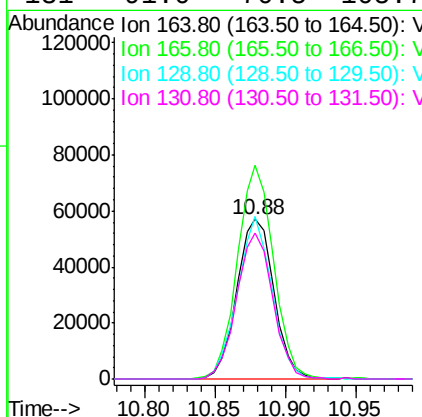
Manual Integrations
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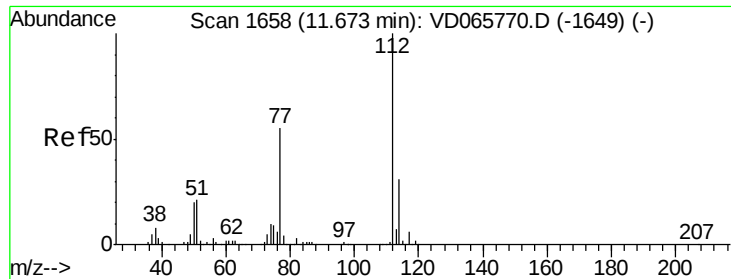
MMDadoda
6/9/2020 2:50:20 PM



#64
Tetrachloroethene
Concen: 43.965 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.5	98.2	147.2
129	102.0	72.3	108.5
131	91.0	70.5	105.7





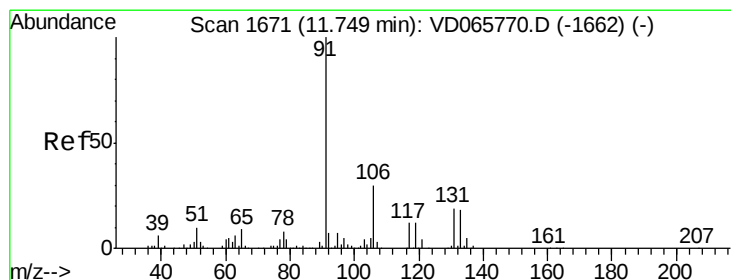
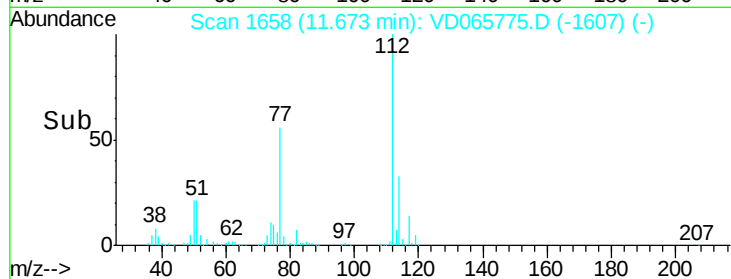
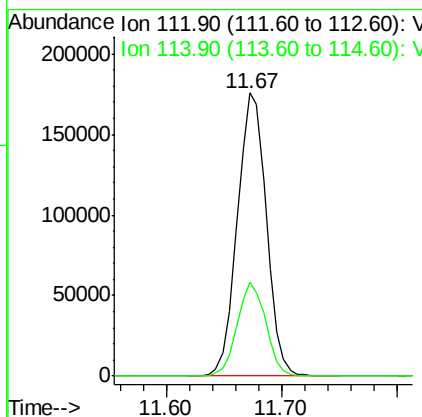
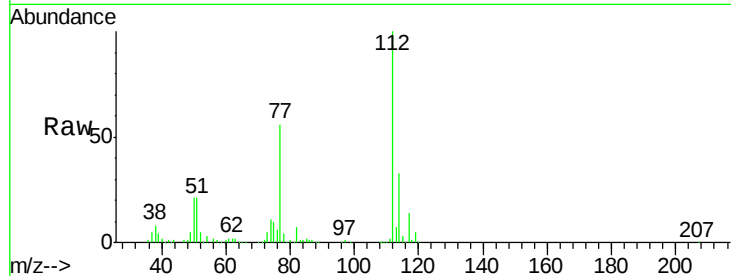
#65
Chlorobenzene
Concen: 44.453 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	24.7	37.1

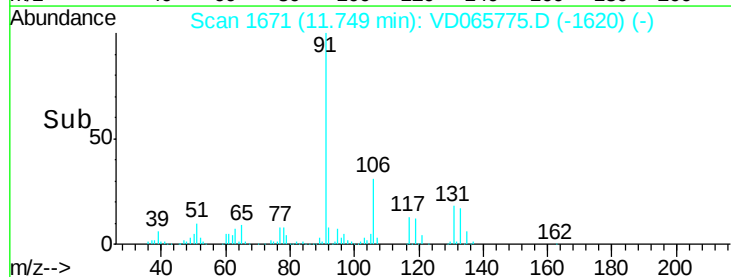
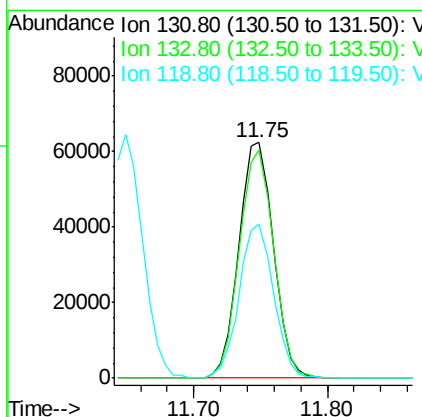
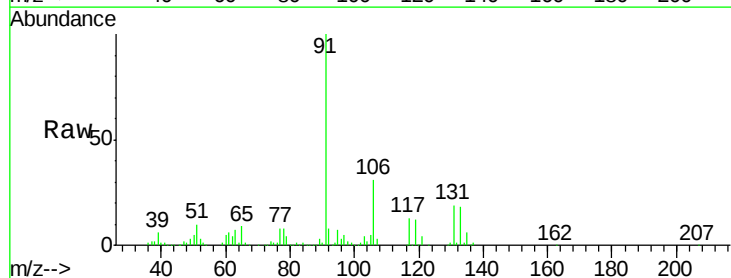
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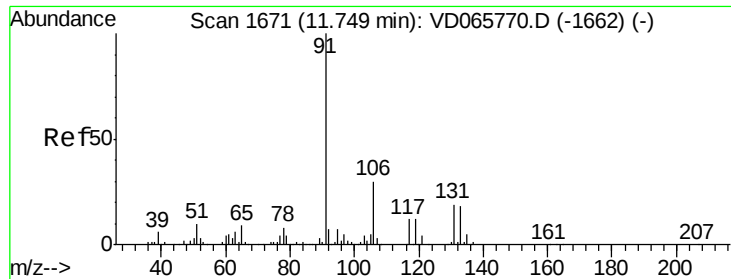
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 43.727 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	141.9
119	64.9	31.6	94.8





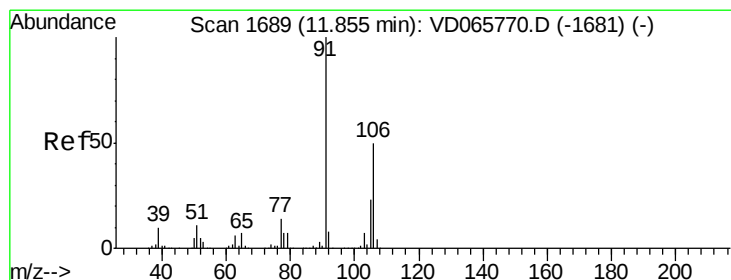
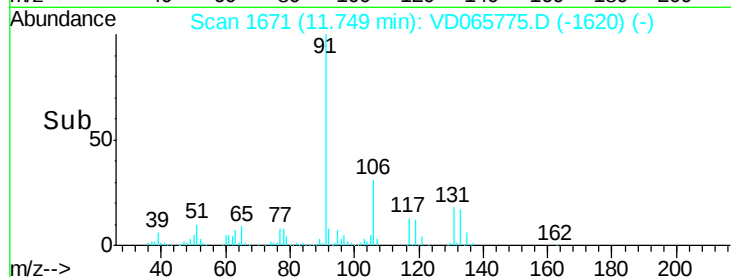
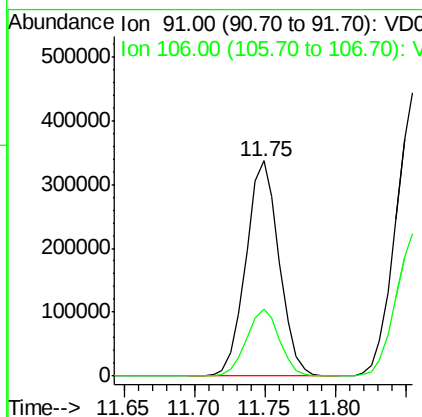
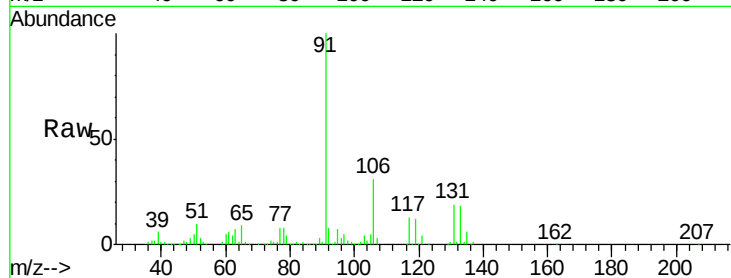
#67
Ethyl Benzene
Concen: 45.183 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 555219
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1

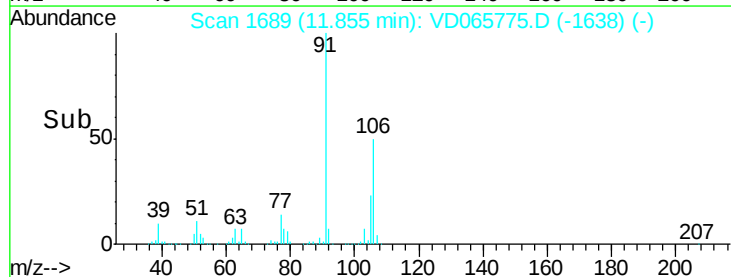
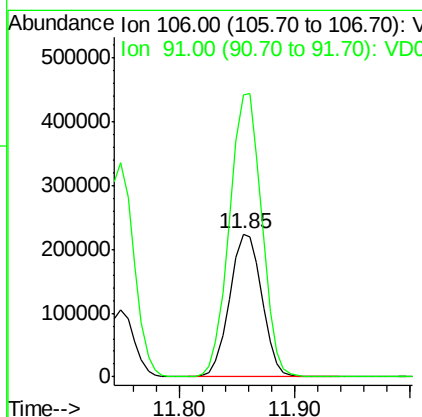
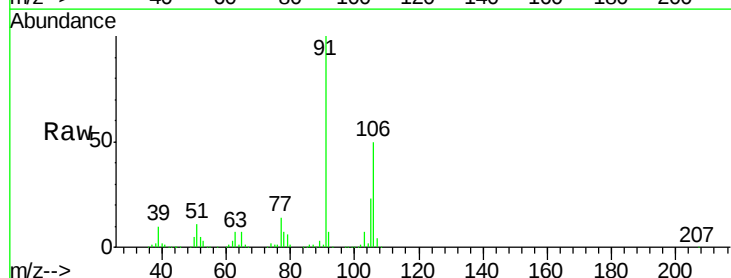
Manual Integrations
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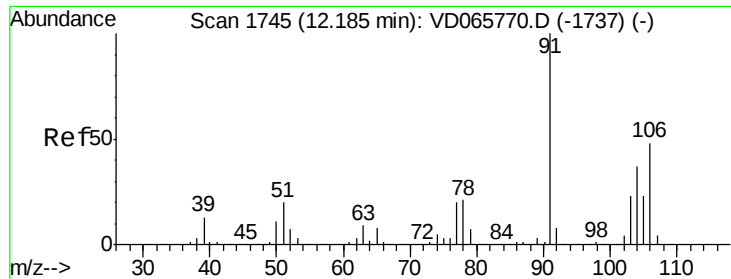
MMDadoda
6/9/2020 2:50:20 PM



#68
m/p-Xylenes
Concen: 91.243 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 106 Resp: 431877
Ion Ratio Lower Upper
106 100
91 199.2 159.4 239.2





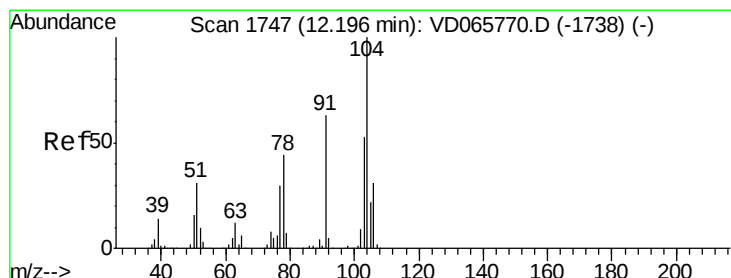
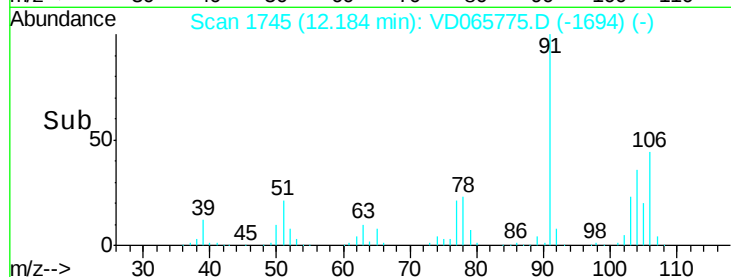
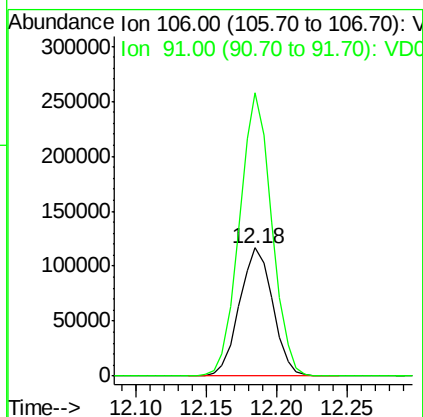
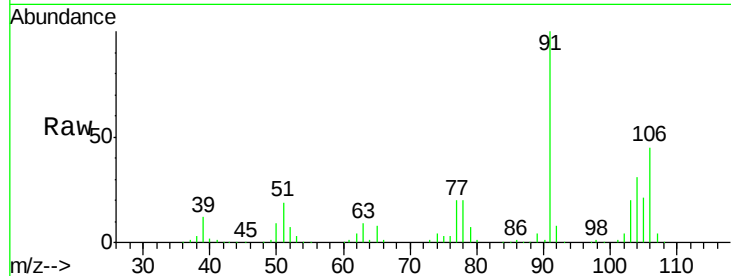
#69
o-Xylene
Concen: 45.192 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.3	105.3	315.8

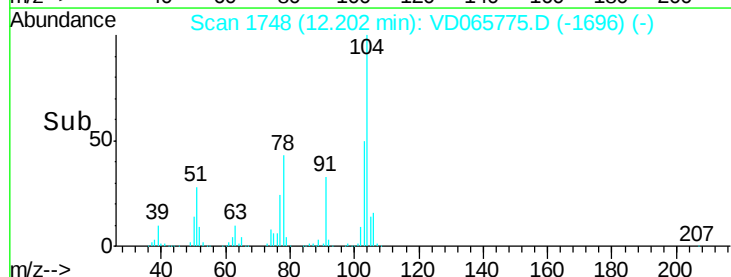
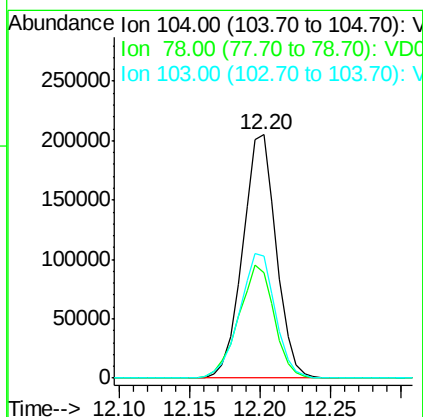
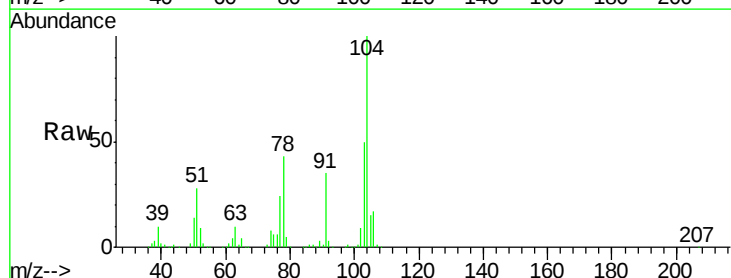
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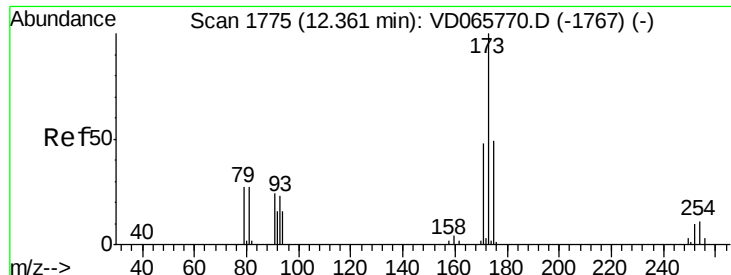
MMDadoda
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#70
Styrene
Concen: 46.072 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.6	58.0
103	54.6	43.9	65.9





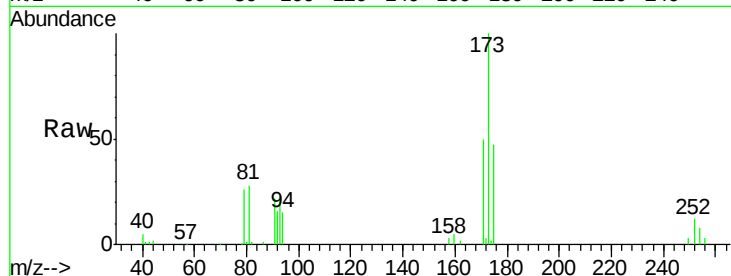
#71
Bromoform
Concen: 44.152 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

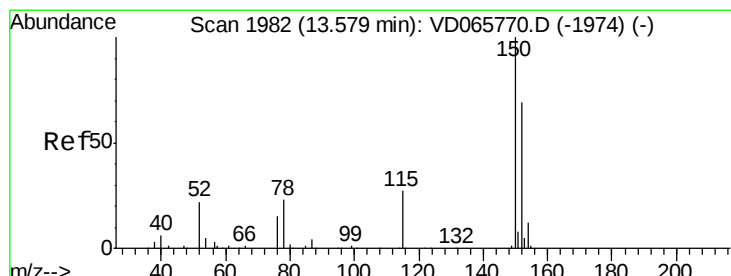
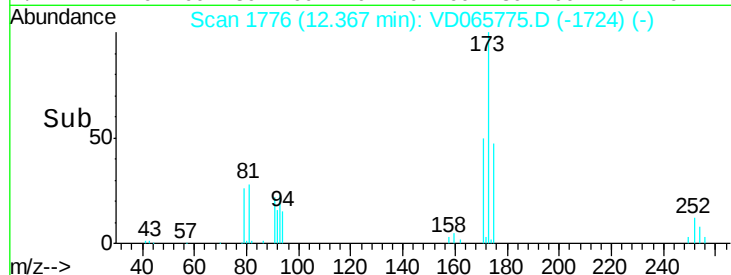
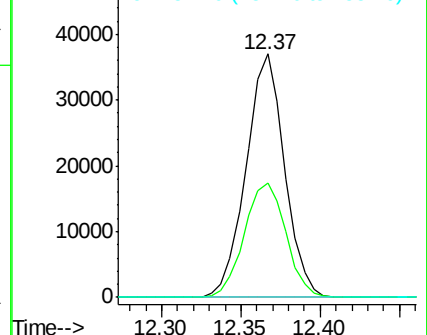
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.8	74.4
254	0.0	0.0	0.0

Manual Integrations
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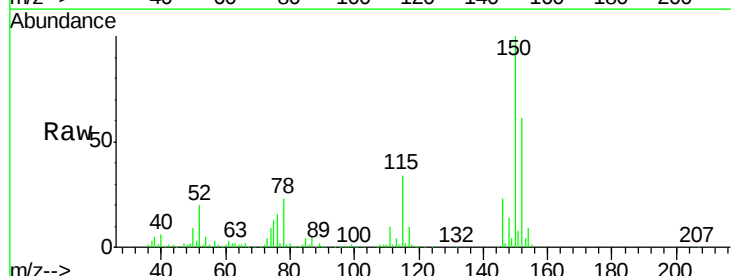


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

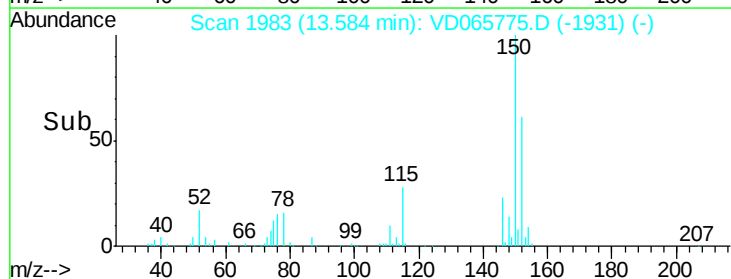
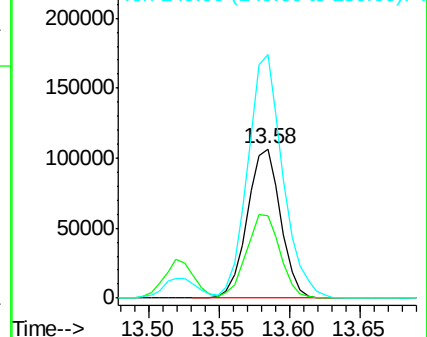


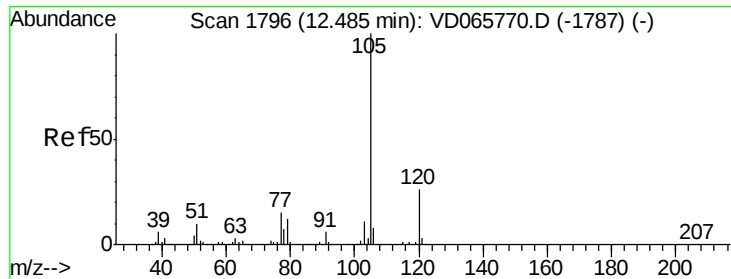
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.7	86.1
150	171.1	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





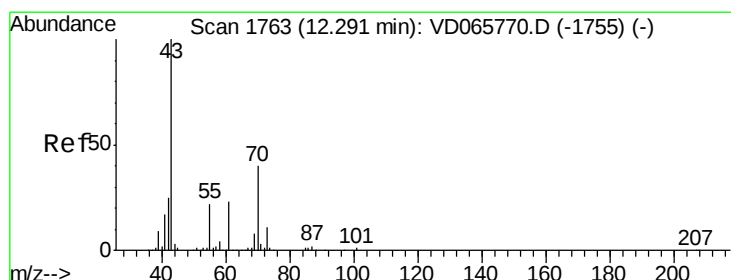
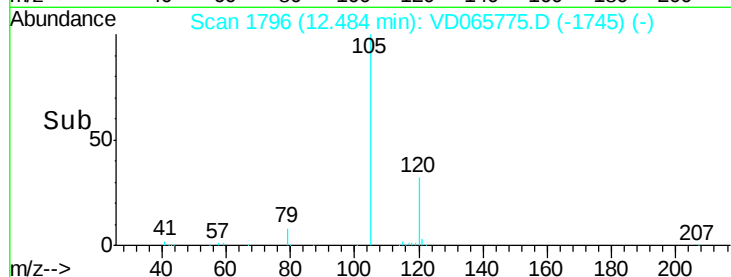
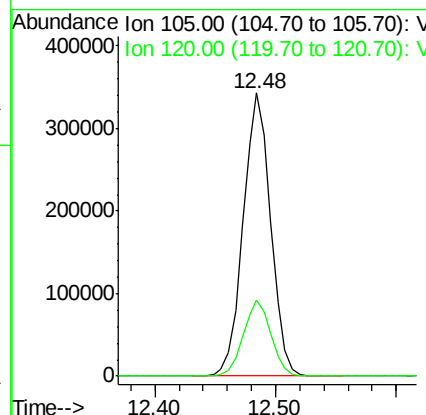
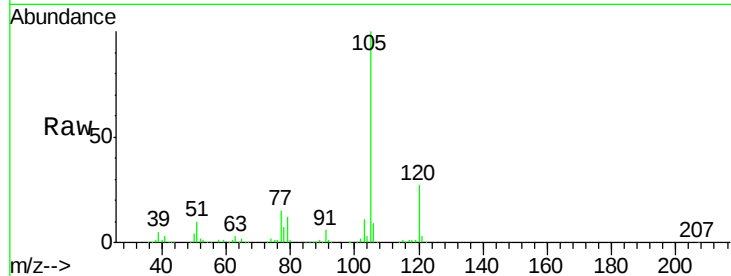
#73
Isopropylbenzene
Concen: 45.800 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5

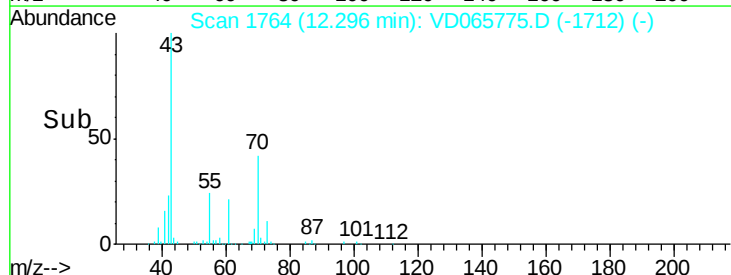
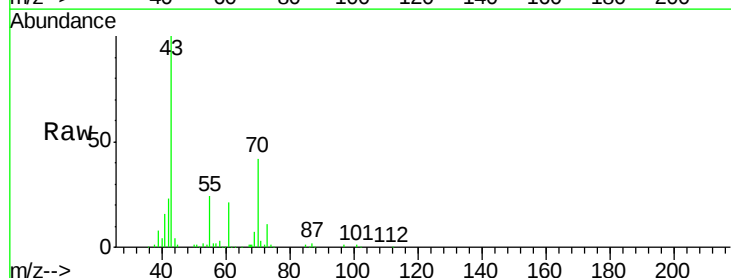
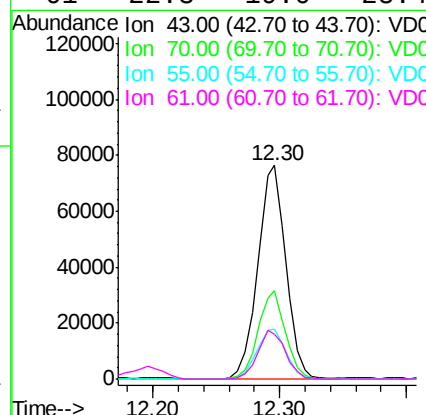
Manual Integrations
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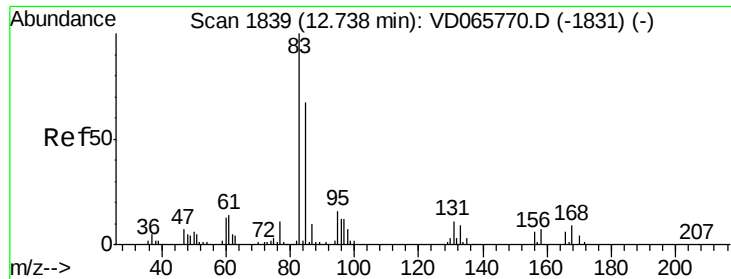
MMDadoda
6/9/2020 2:50:20 PM



#74
N-ethyl acetate
Concen: 44.841 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.3	48.5
55	24.5	19.0	28.4
61	22.3	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.154 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

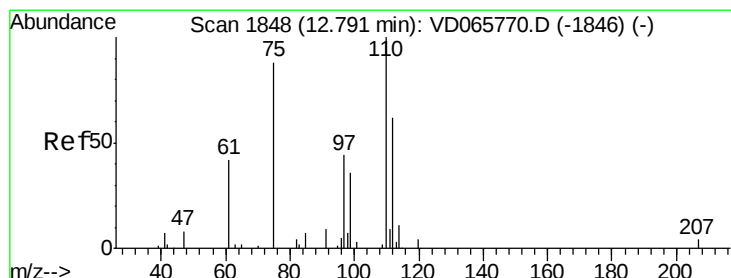
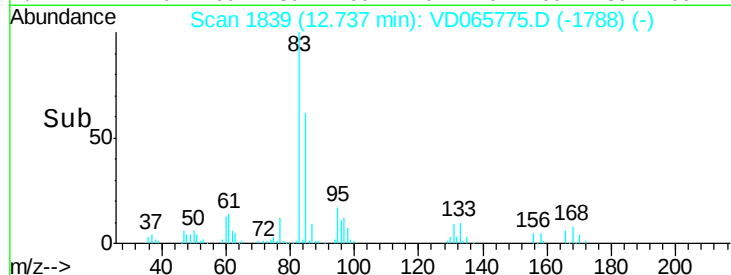
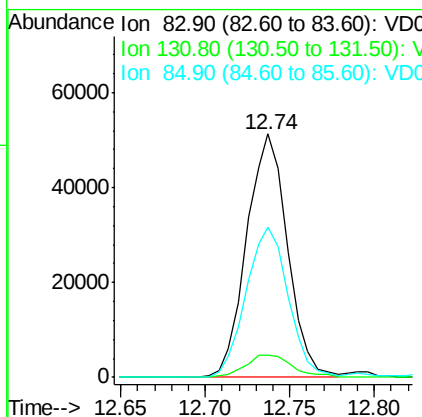
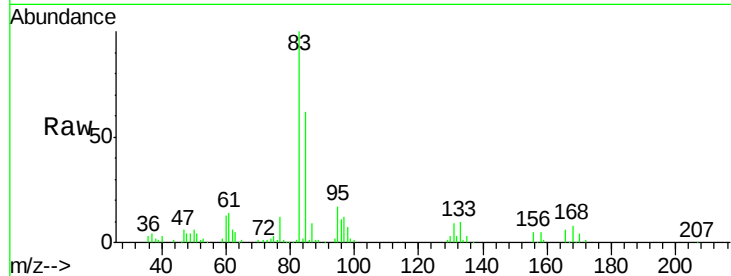
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	86307
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.4
85	63.5	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 48.897 ug/l m

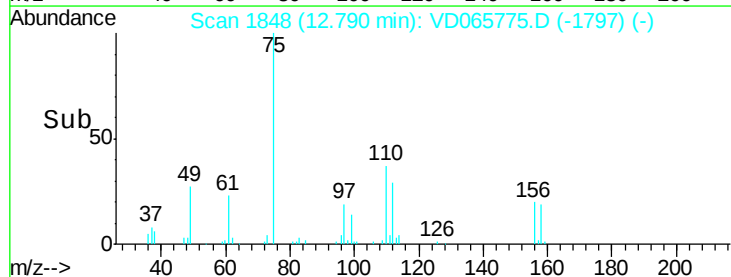
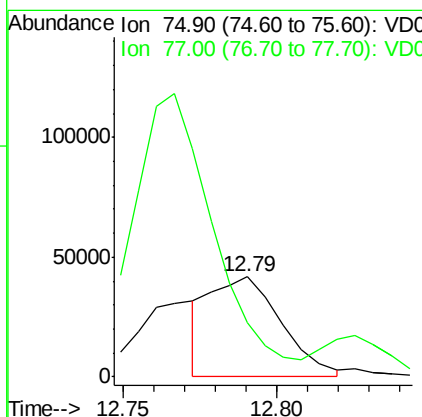
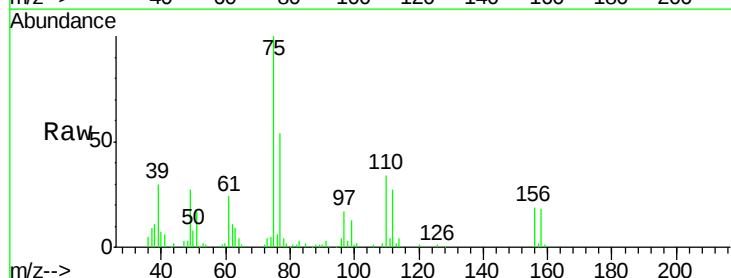
RT: 12.79 min Scan# 1848

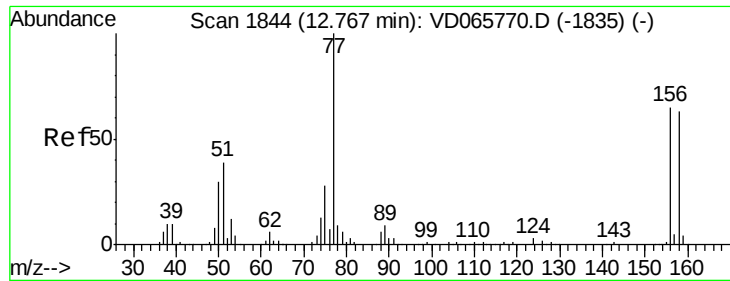
Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion:	75	Resp:	67168
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.227 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

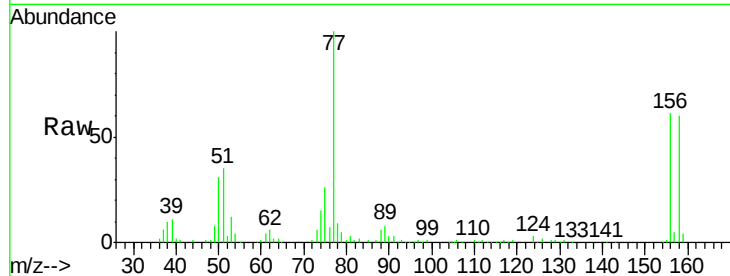
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	126721
Ion Ratio	Lower	Upper	
156	100		
77	174.0	87.3	261.8
158	97.0	48.0	144.0

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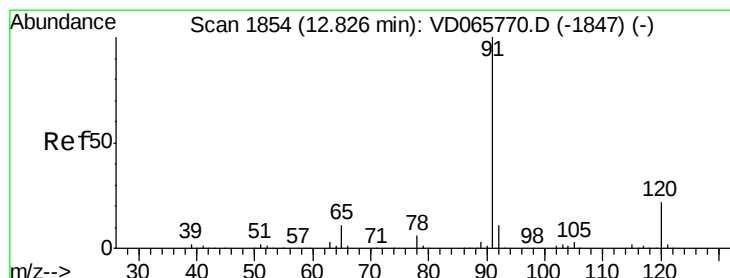
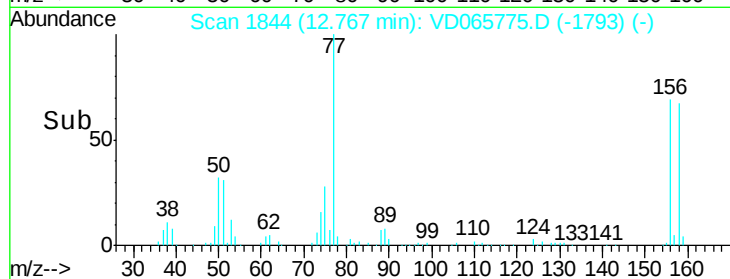
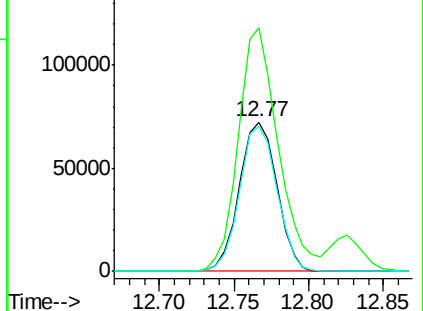
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.897 ug/l

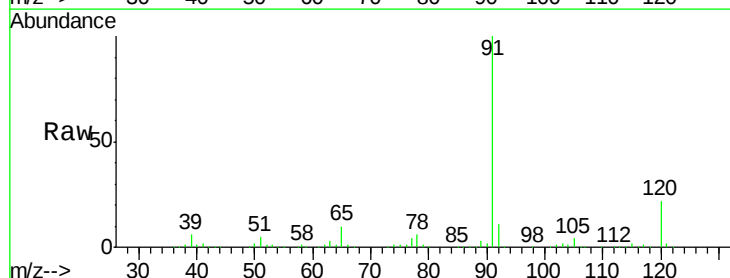
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065775.D

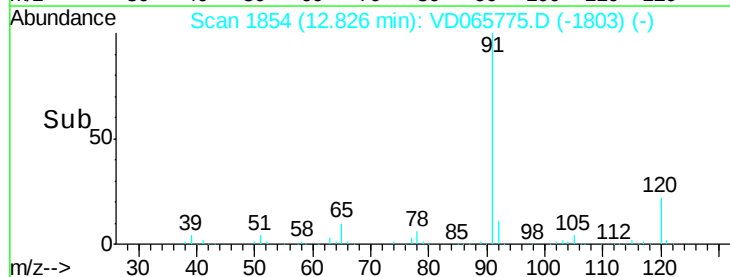
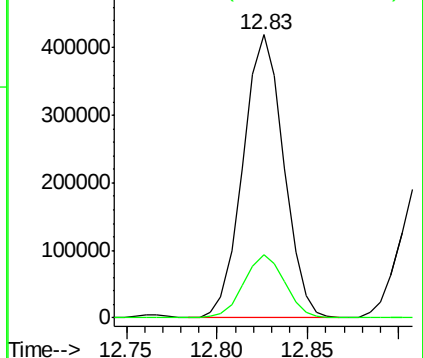
Acq: 08 Jun 2020 12:25

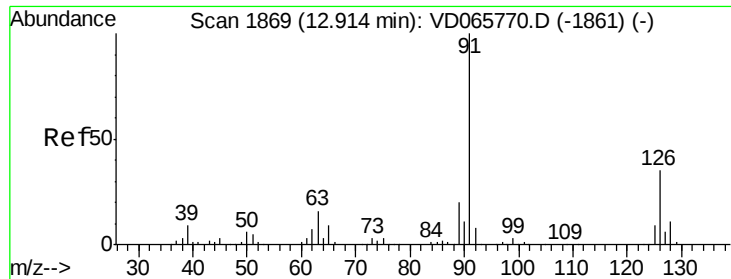
Tgt Ion:	91	Resp:	654252
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





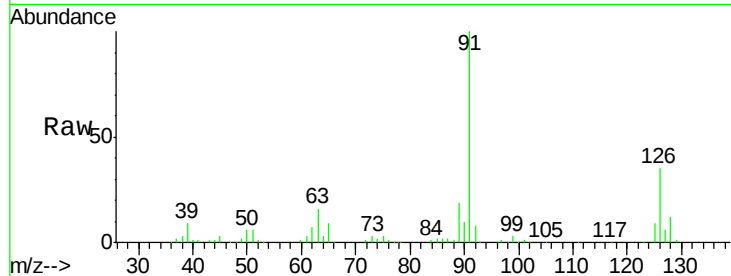
#79
2-Chlorotoluene
Concen: 45.172 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

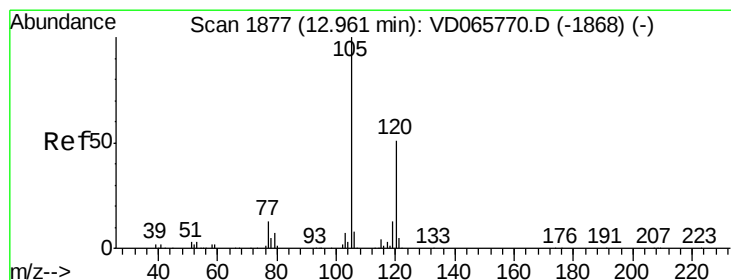
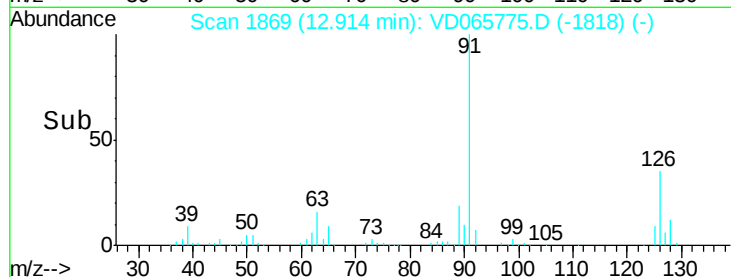
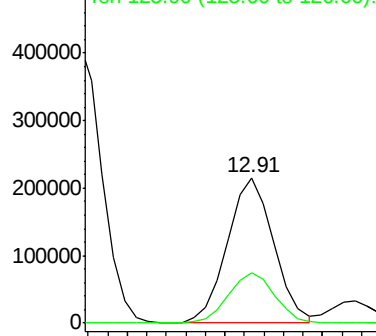
Tot Ion: 91 Resp: 353241
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.6

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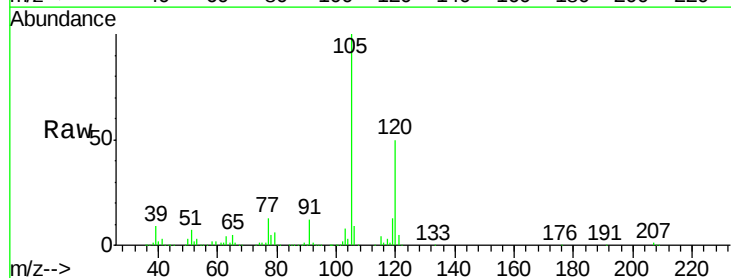


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

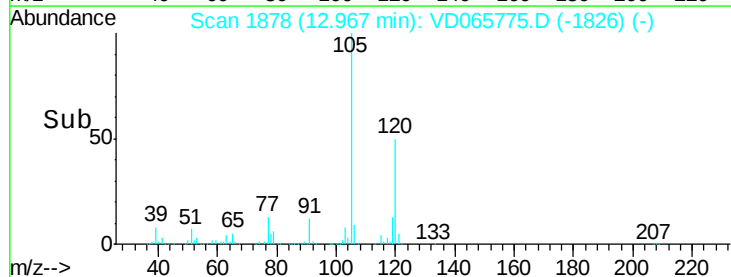
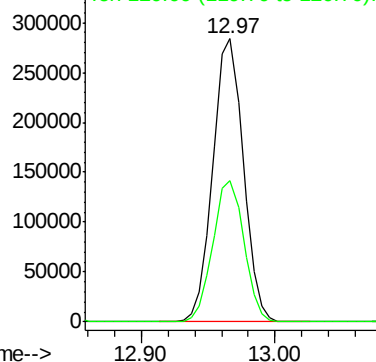


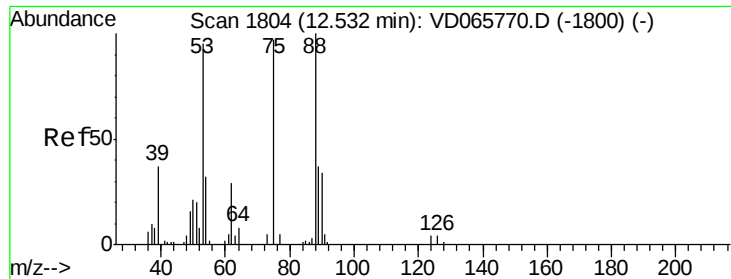
#80
1,3,5-Trimethylbenzene
Concen: 45.424 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 105 Resp: 447645
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.043 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

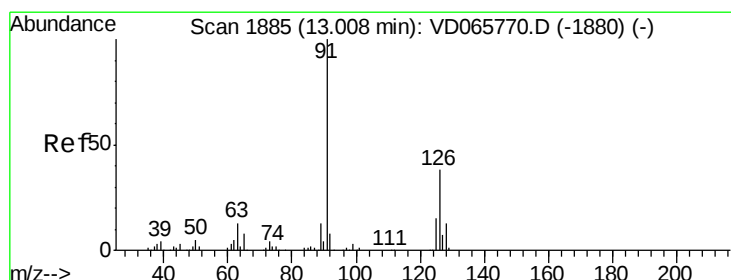
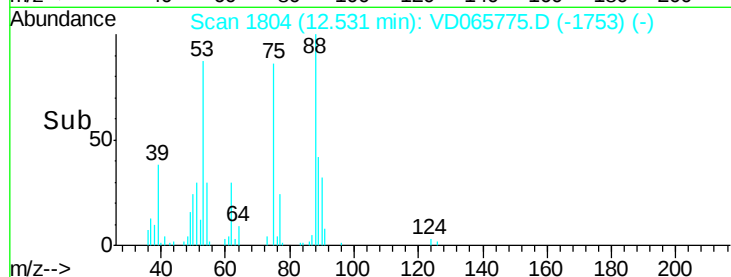
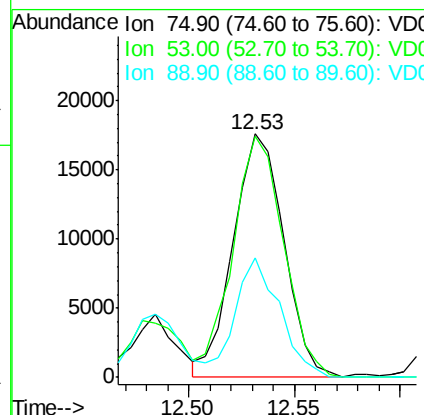
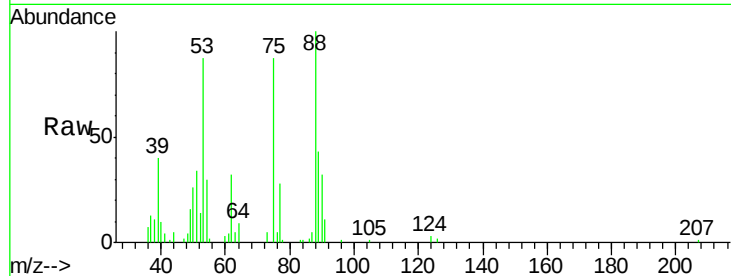
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	29273
Ion	Ratio	Lower	Upper
75	100		
53	99.6	82.6	123.8
89	43.2	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.806 ug/l

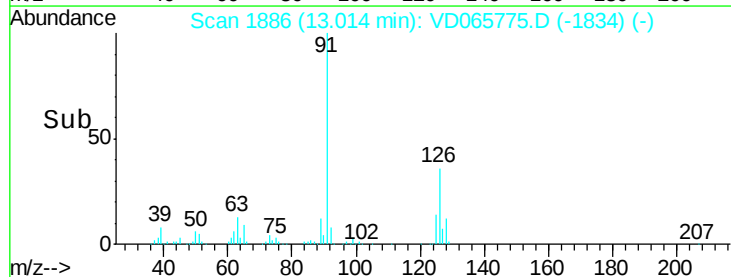
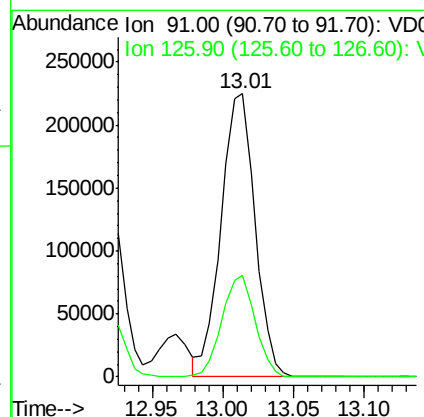
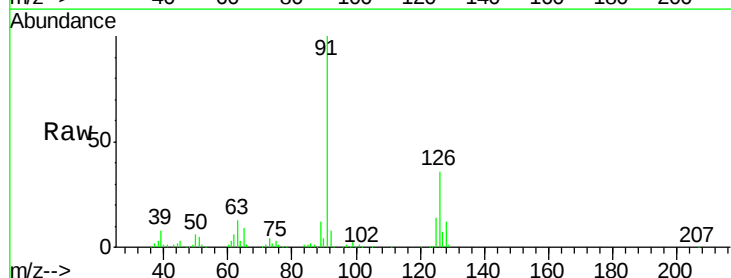
RT: 13.01 min Scan# 1886

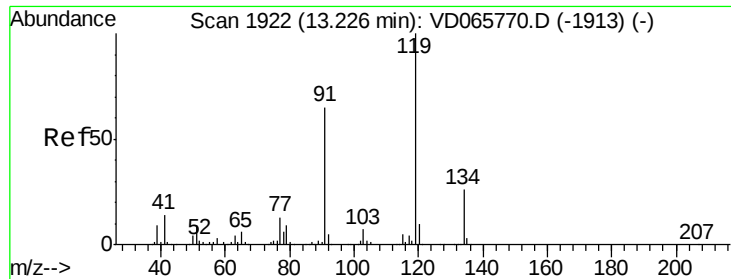
Delta R.T. 0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion:	91	Resp:	376088
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.6	52.8





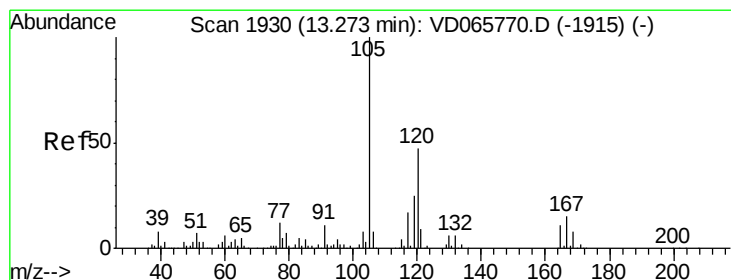
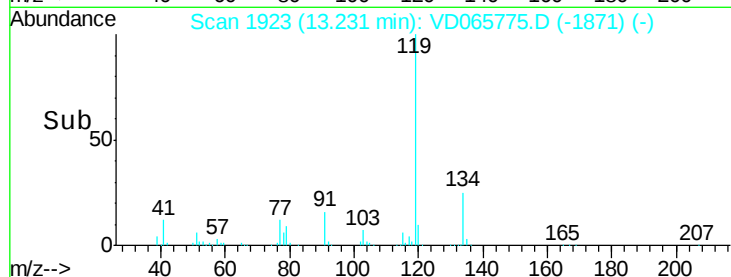
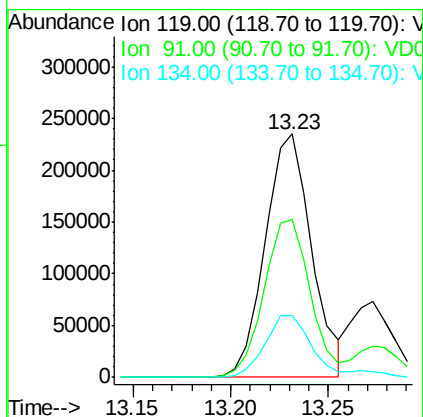
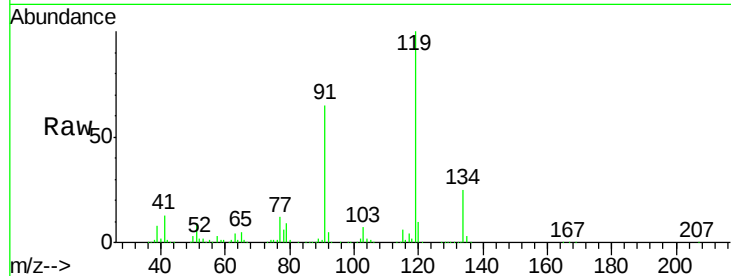
#83
tert-Butylbenzene
Concen: 45.324 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	387561		
91	64.5		32.0	96.0
134	25.5		13.8	41.4

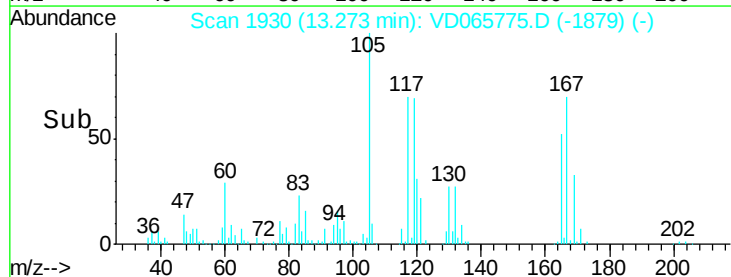
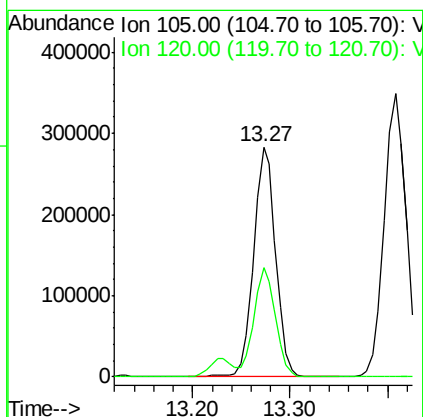
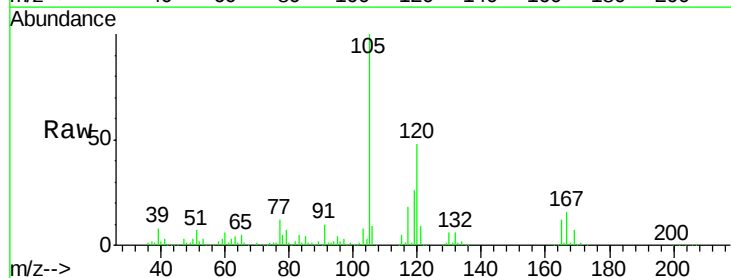
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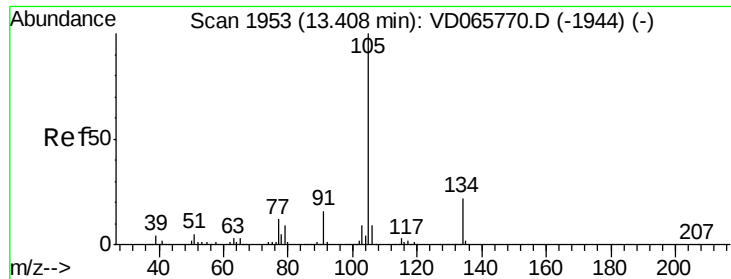
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#84
1,2,4-Trimethylbenzene
Concen: 45.523 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	449027		
120	46.2		23.3	69.8





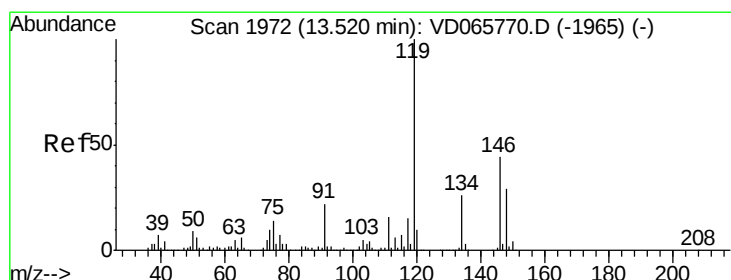
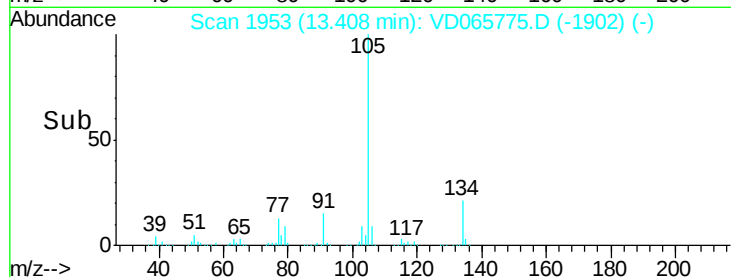
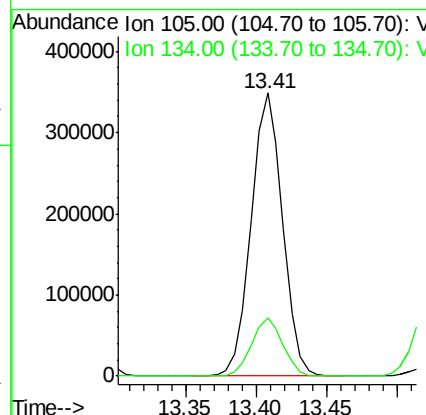
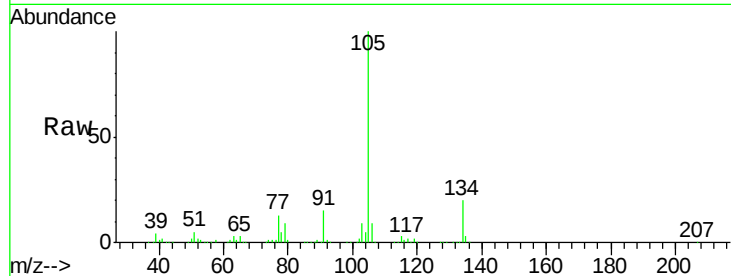
#85
 sec-Butylbenzene
 Concen: 45.714 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.4

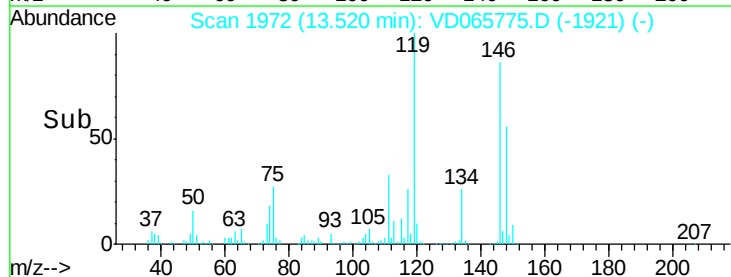
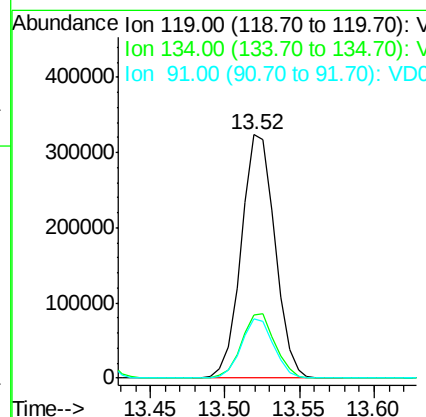
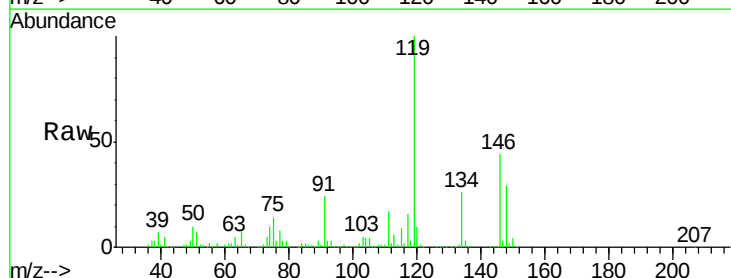
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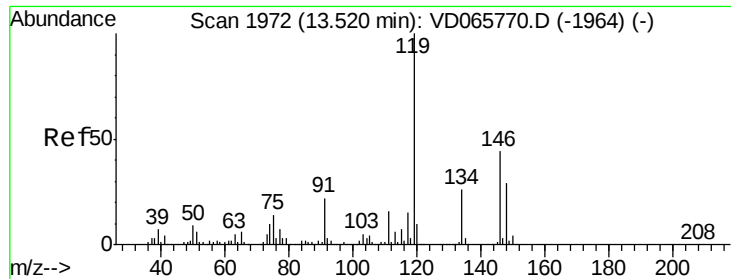
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#86
 p-Isopropyltoluene
 Concen: 46.354 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	23.5	11.8	35.4





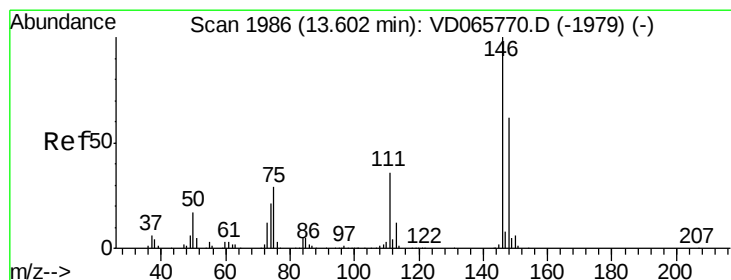
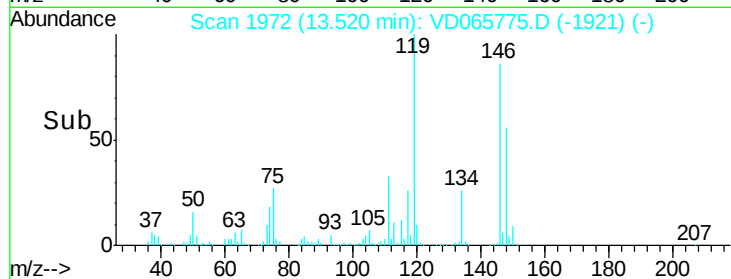
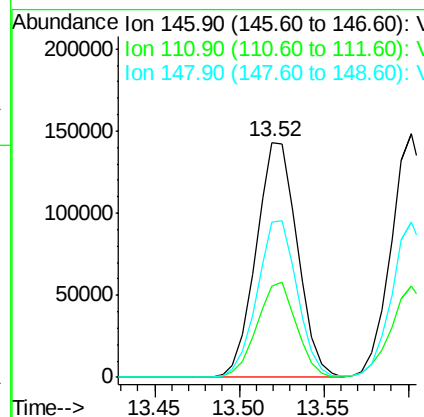
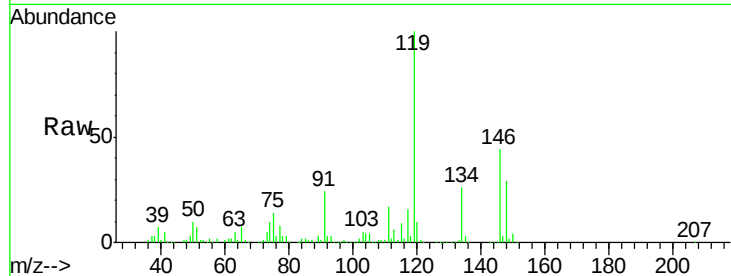
#87
 1,3-Dichlorobenzene
 Concen: 43.999 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	64.9	32.1	96.3

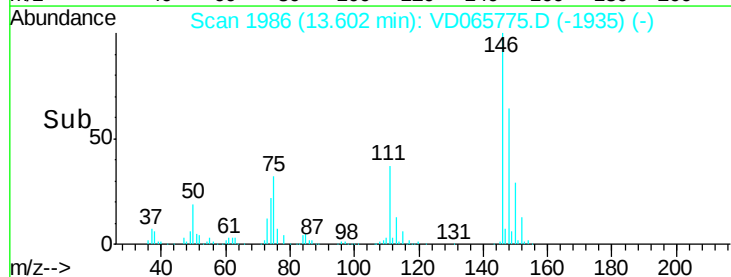
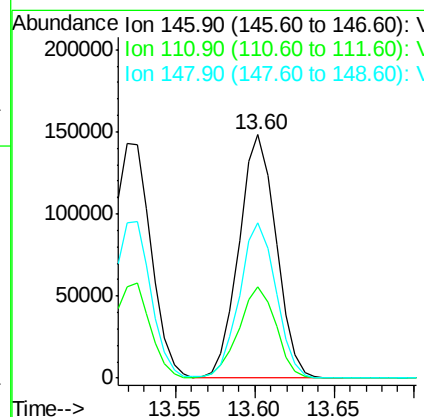
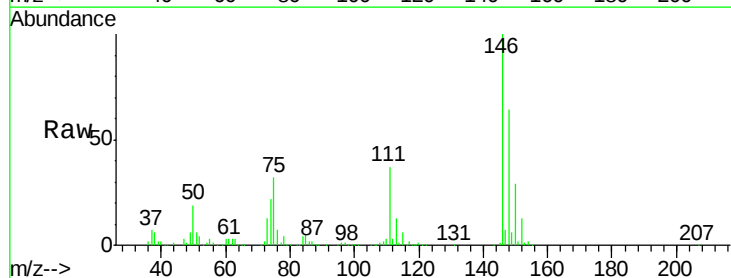
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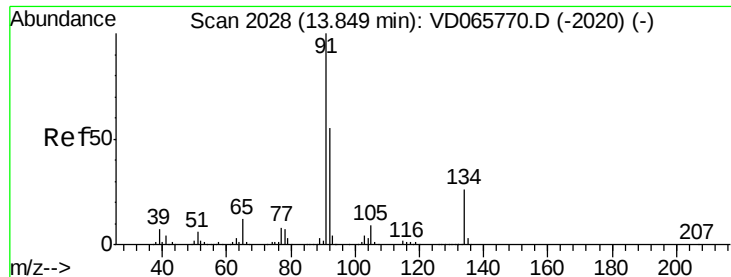
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#88
 1,4-Dichlorobenzene
 Concen: 44.032 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	62.9	31.6	94.7





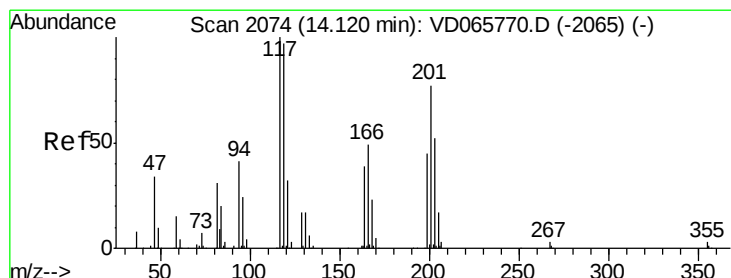
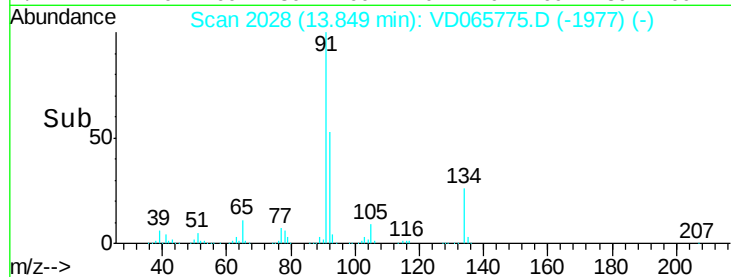
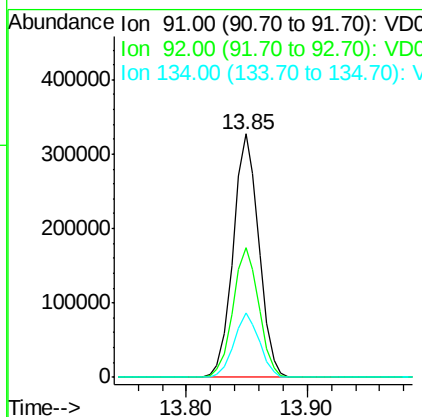
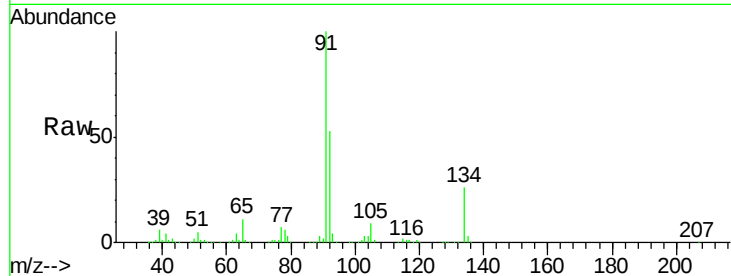
#89
n-Butylbenzene
Concen: 46.430 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.0	81.0
134	26.2	13.0	39.0

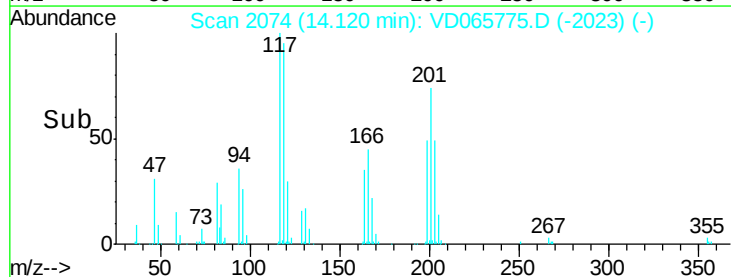
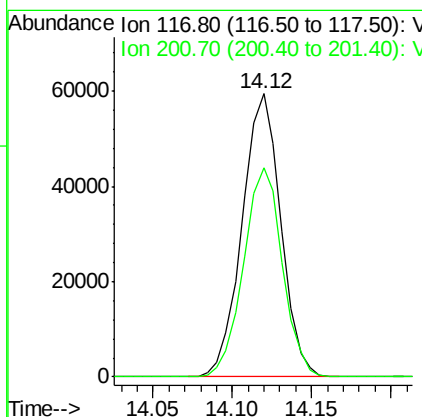
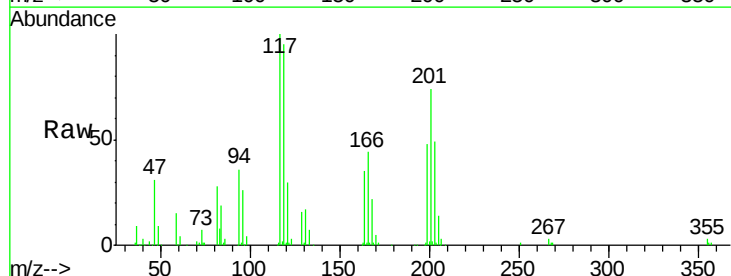
Manual Integrations
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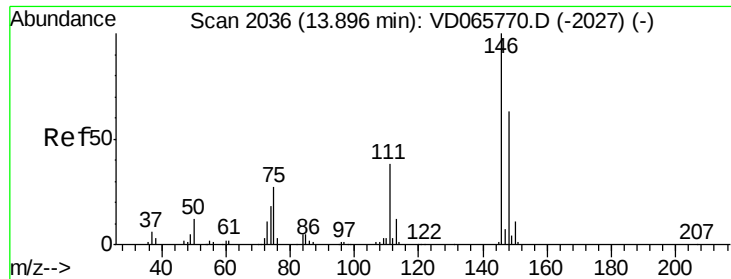
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#90
Hexachloroethane
Concen: 46.084 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	37.1	111.5





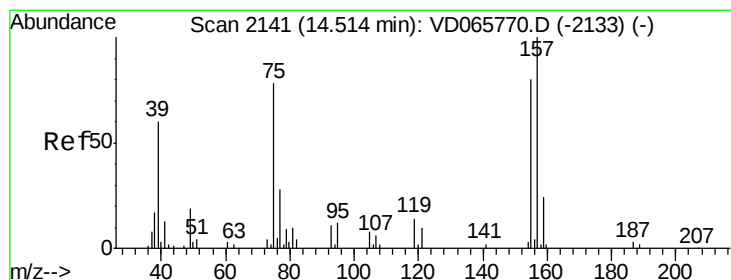
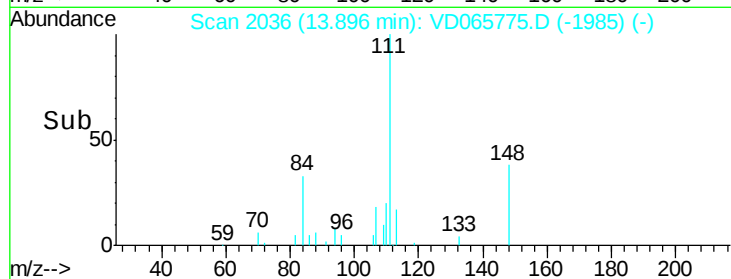
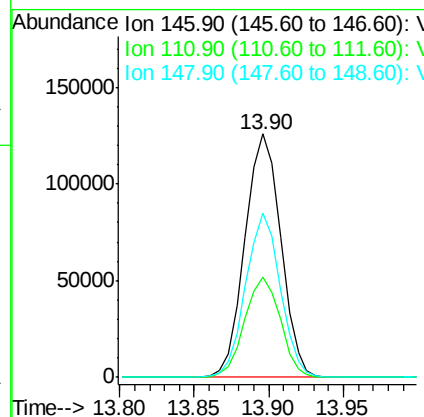
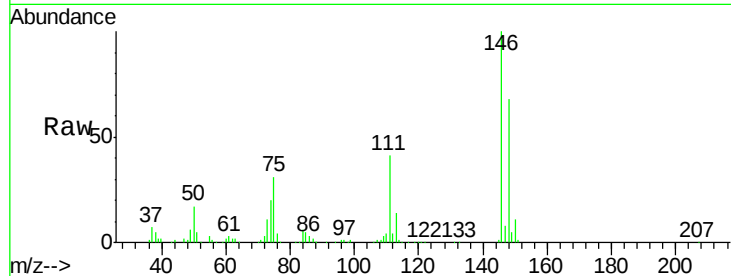
#91
 1,2-Dichlorobenzene
 Concen: 44.264 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.8	59.4
148	64.8	31.9	95.7

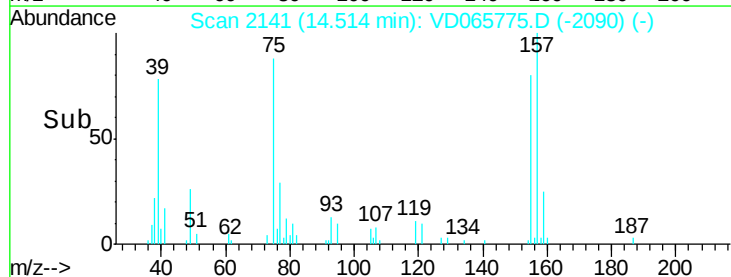
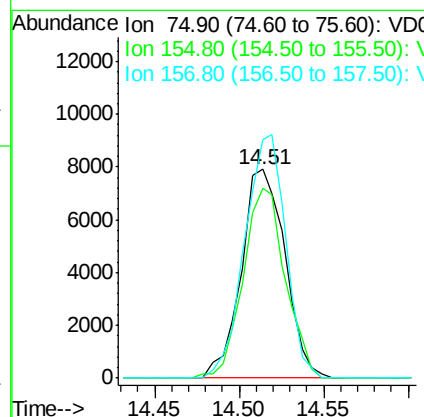
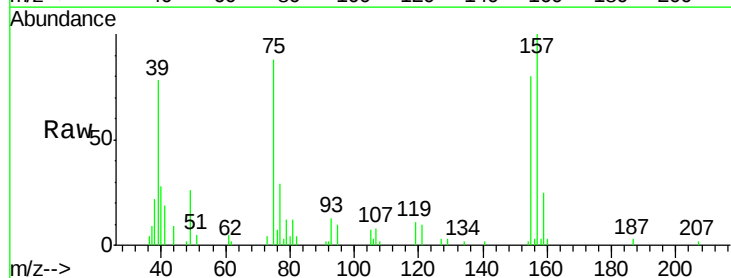
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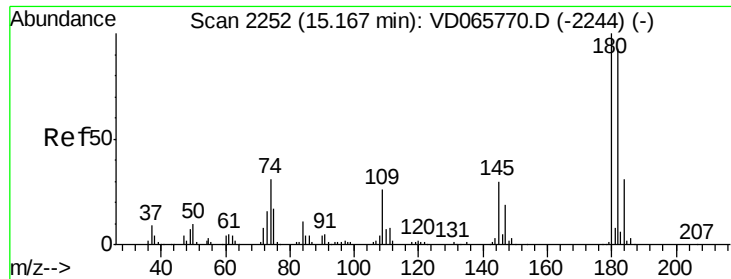
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.834 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	46.3	138.9
157	108.9	58.1	174.3





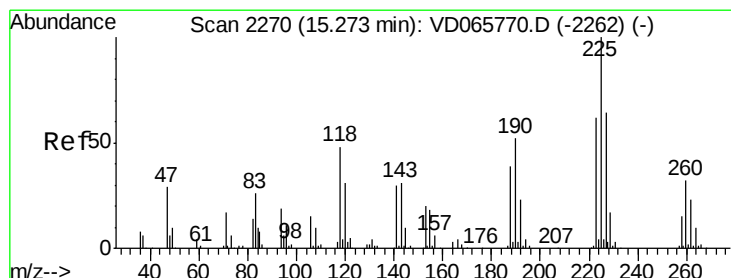
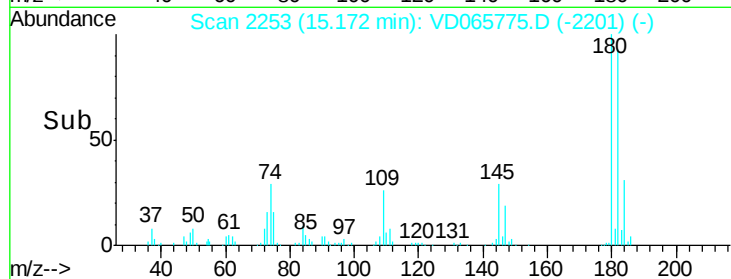
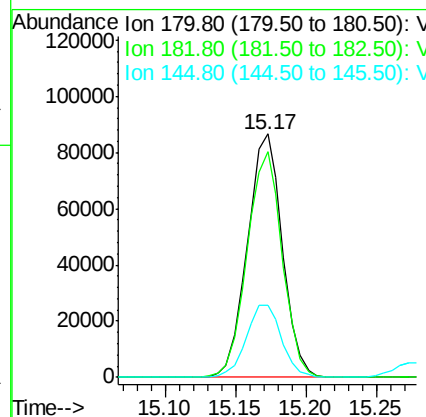
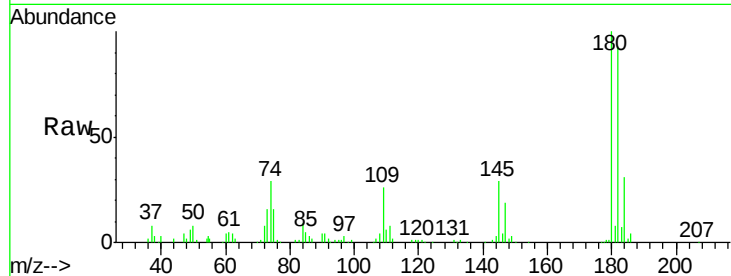
#93
 1,2,4-Trichlorobenzene
 Concen: 46.400 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	150001		
182	93.1	48.0	144.2	
145	30.2	14.9	44.9	

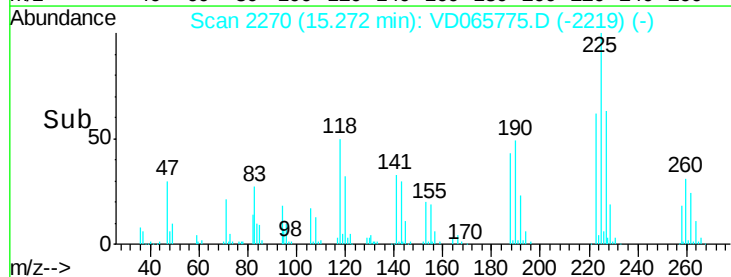
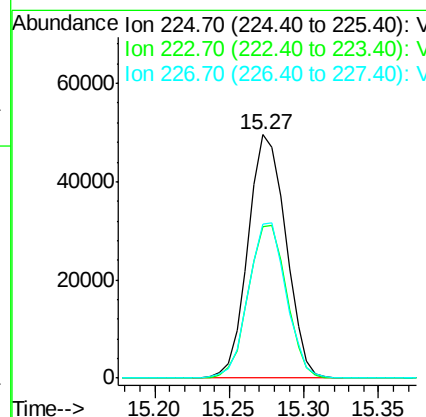
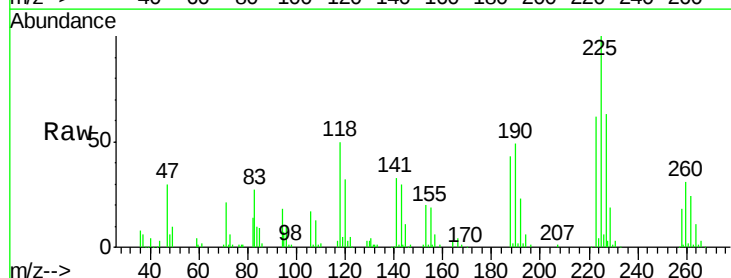
Manual Integrations
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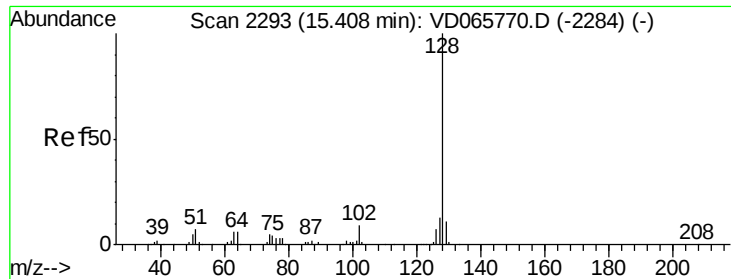
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#94
 Hexachlorobutadiene
 Concen: 44.498 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86960		
223	63.1	30.9	92.7	
227	63.3	31.9	95.7	





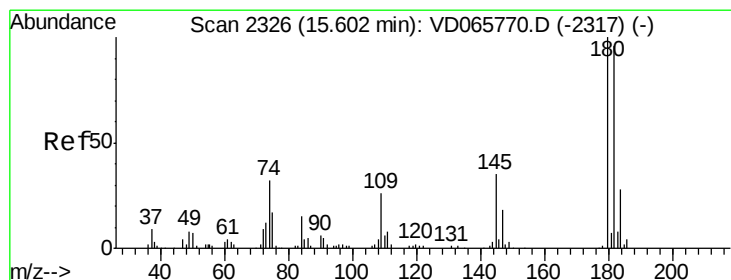
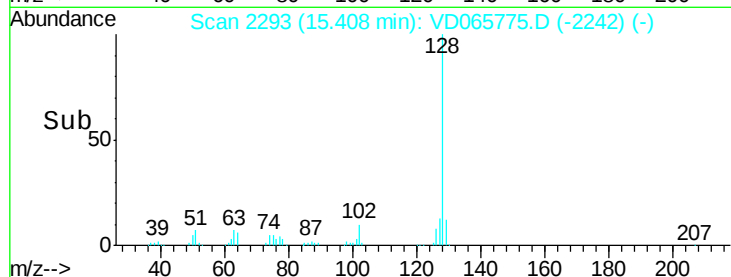
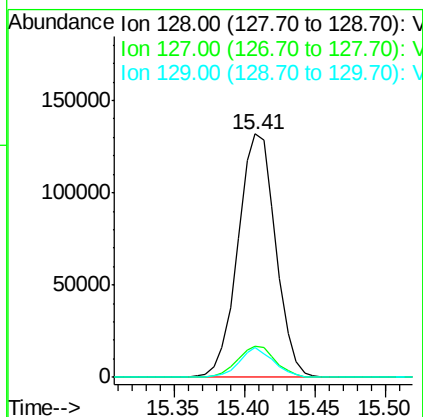
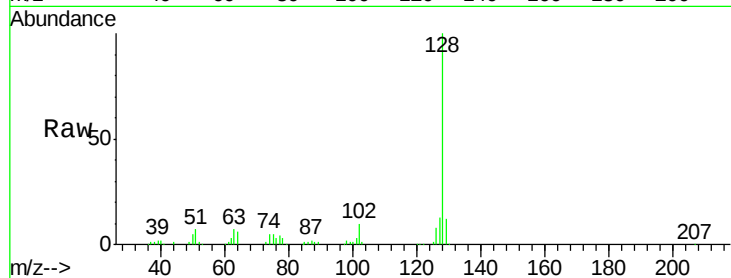
#95
Naphthalene
Concen: 44.973 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 44.923 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.2
145	31.8	16.2	48.6

