

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065773.D
 Acq On : 05 Jun 2020 13:40
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV060520

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 4:12:50 PM

Quant Time: Jun 05 15:02:43 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	242890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	377687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	344860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	120056	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.92	113	118957	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.34	98	462183	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.64	95	154679	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	80109	48.96	ug/l	98
3) Chloromethane	2.21	50	145339	53.86	ug/l	99
4) Vinyl Chloride	2.35	62	167329	46.69	ug/l	96
5) Bromomethane	2.77	94	115077	45.92	ug/l	94
6) Chloroethane	2.93	64	113335	46.77	ug/l	98
7) Trichlorofluoromethane	3.27	101	193481	47.65	ug/l	98
8) Diethyl Ether	3.71	74	50642	47.44	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	113421	46.85	ug/l	100
10) Methyl Iodide	4.30	142	113400	48.10	ug/l	99
11) Tert butyl alcohol	5.21	59	31532	231.80	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	106037	48.06	ug/l	95
13) Acrolein	3.92	56	27234	202.02	ug/l	98
14) Allyl chloride	4.71	41	180678	49.54	ug/l	99
15) Acrylonitrile	5.42	53	112844	232.76	ug/l	98
16) Acetone	4.16	43	130486	288.22	ug/l	96
17) Carbon Disulfide	4.41	76	350895	47.38	ug/l	100
18) Methyl Acetate	4.71	43	49327	48.17	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	242171	48.45	ug/l	93
20) Methylene Chloride	4.96	84	120638	50.19	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	125428	48.54	ug/l	97
22) Diisopropyl ether	6.36	45	365031	49.54	ug/l	93
23) Vinyl Acetate	6.31	43	1072209	257.68	ug/l	98
24) 1,1-Dichloroethane	6.27	63	210829	46.96	ug/l	99
25) 2-Butanone	7.21	43	158212	253.04	ug/l	93
26) 2,2-Dichloropropane	7.21	77	196693	49.41	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	136080	48.95	ug/l	99
28) Bromochloromethane	7.55	49	85042	49.04	ug/l	100
29) Tetrahydrofuran	7.56	42	94358	238.78	ug/l	97
30) Chloroform	7.71	83	225217	48.39	ug/l	97
31) Cyclohexane	7.98	56	205879	47.83	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	209689	49.00	ug/l	98
36) 1,1-Dichloropropene	8.11	75	180751	49.96	ug/l	99
37) Ethyl Acetate	7.30	43	68508	48.07	ug/l	98
38) Carbon Tetrachloride	8.10	117	192551	50.57	ug/l	99

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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)
39) Methylcyclohexane	9.36	83	220561	51.49	ug/l	98
40) Benzene	8.36	78	483703	48.90	ug/l	98
41) Methacrylonitrile	7.53	41	38805m	45.73	ug/l	
42) 1,2-Dichloroethane	8.43	62	142924	47.89	ug/l	100
43) Isopropyl Acetate	8.46	43	137079	48.37	ug/l	98
44) Trichloroethene	9.11	130	139087	50.53	ug/l	96
45) 1,2-Dichloropropane	9.39	63	120944	48.66	ug/l	97
46) Dibromomethane	9.48	93	64580	47.91	ug/l	99
47) Bromodichloromethane	9.67	83	172274	47.70	ug/l	99
48) Methyl methacrylate	9.46	41	68742	50.12	ug/l	99
49) 1,4-Dioxane	9.46	88	13633	950.27	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	341680	246.06	ug/l	98
52) Toluene	10.41	92	325199	50.60	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	163933	50.12	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	191802	49.65	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	89501	49.70	ug/l	94
56) Ethyl methacrylate	10.66	69	109188	51.54	ug/l	99
57) 1,3-Dichloropropane	10.95	76	149311	47.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	248924	252.76	ug/l	100
59) 2-Hexanone	10.99	43	242495	259.03	ug/l	99
60) Dibromochloromethane	11.14	129	118806	48.83	ug/l	100
61) 1,2-Dibromoethane	11.25	107	87558	49.47	ug/l	100
64) Tetrachloroethene	10.88	164	118735	50.92	ug/l	98
65) Chlorobenzene	11.67	112	339203	50.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	124245	49.51	ug/l	99
67) Ethyl Benzene	11.75	91	619679	51.52	ug/l	97
68) m/p-Xylenes	11.86	106	477692	103.11	ug/l	100
69) o-Xylene	12.18	106	221782	53.10	ug/l	97
70) Styrene	12.20	104	378826	52.39	ug/l	99
71) Bromoform	12.37	173	69165	50.05	ug/l #	98
73) Isopropylbenzene	12.48	105	609522	51.61	ug/l	99
74) N-amyl acetate	12.29	43	131499	50.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	97162	48.71	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	72714m	53.08	ug/l	
77) Bromobenzene	12.77	156	142038	50.83	ug/l	99
78) n-propylbenzene	12.83	91	731075	51.43	ug/l	98
79) 2-Chlorotoluene	12.91	91	394911	50.64	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	512233	52.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	32107	50.64	ug/l	96
82) 4-Chlorotoluene	13.01	91	424692	50.73	ug/l	99
83) tert-Butylbenzene	13.23	119	442002	51.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	502946	51.13	ug/l	99
85) sec-Butylbenzene	13.41	105	619828	52.23	ug/l	100
86) p-Isopropyltoluene	13.52	119	576091	52.96	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	280847	50.97	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	269399	49.15	ug/l	99
89) n-Butylbenzene	13.85	91	540813	52.13	ug/l	100
90) Hexachloroethane	14.12	117	108339	49.76	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	235382	49.64	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16235	48.91	ug/l	93

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Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	171304	53.13	ug/l	98
94) Hexachlorobutadiene	15.28	225	99739	51.18	ug/l	97
95) Naphthalene	15.41	128	277581	50.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	143529	51.69	ug/l	98

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

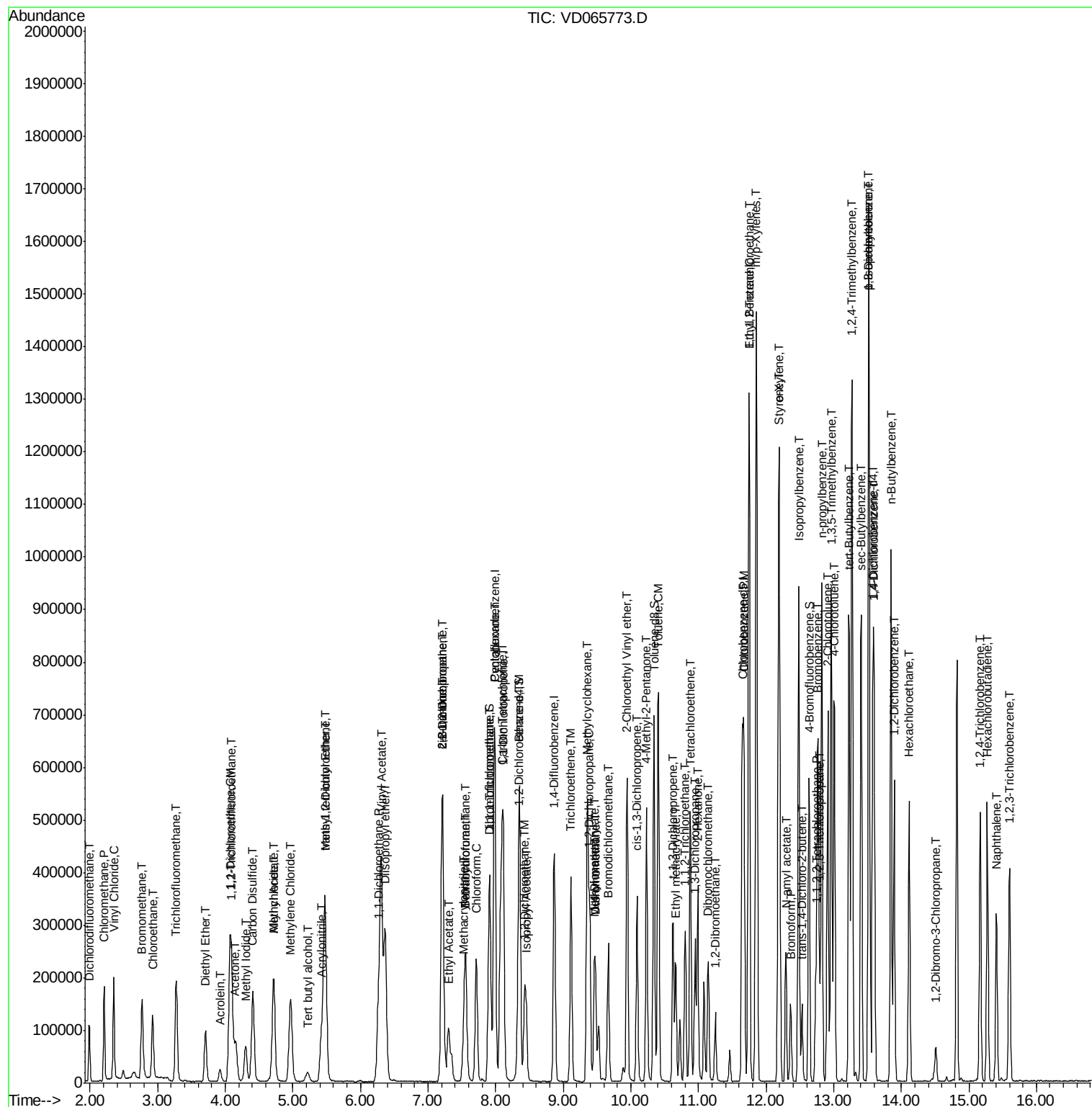
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
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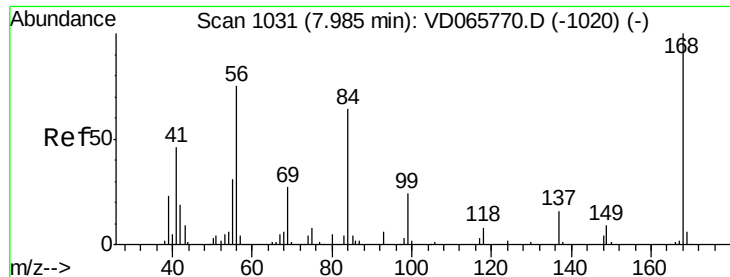
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Manual Integrations
APPROVED

MMDadoda
6/5/2020 4:12:50 PM

Quant Time: Jun 05 15:02:43 2020
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 168 Resp: 242890

Ion Ratio Lower Upper

168 100

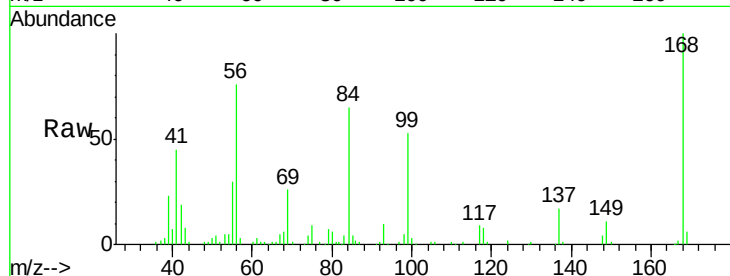
99 52.9 45.3 67.9

Manual Integrations

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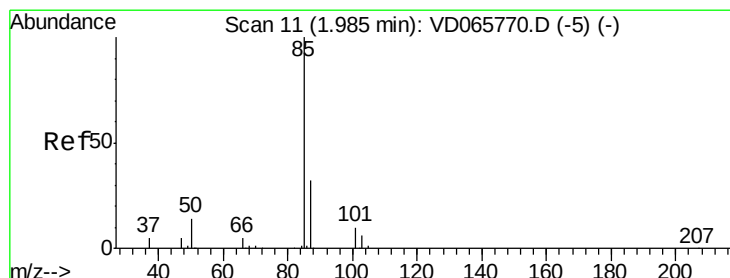
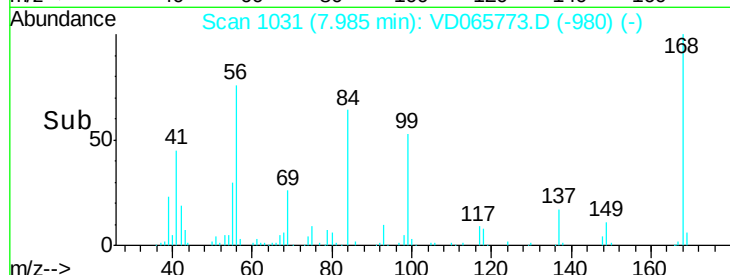
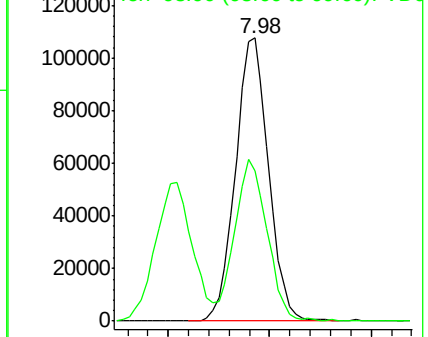
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.96 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065773.D

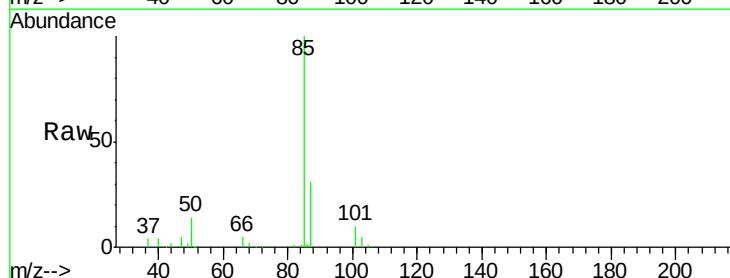
Acq: 05 Jun 2020 13:40

Tgt Ion: 85 Resp: 80109

Ion Ratio Lower Upper

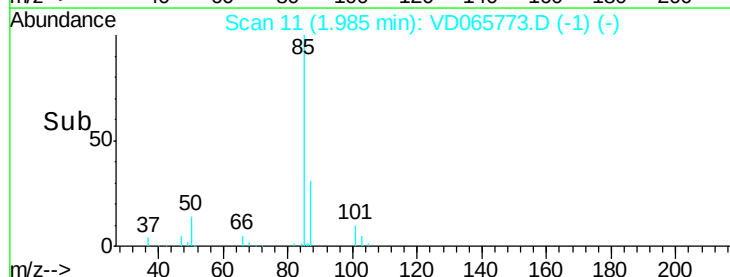
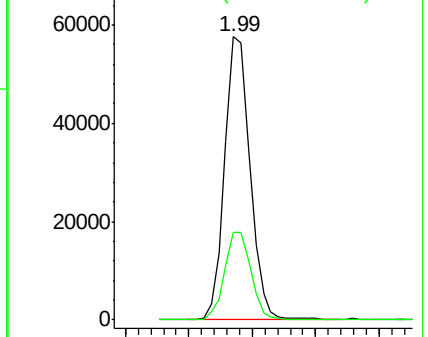
85 100

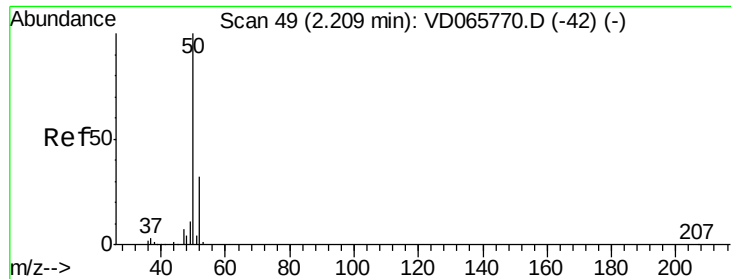
87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 53.86 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 50 Resp: 145339

Ion Ratio Lower Upper

50 100

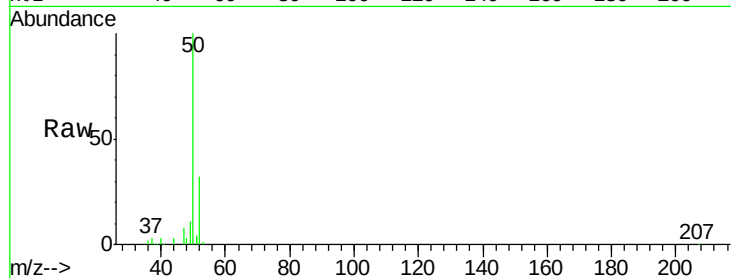
52 31.6 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

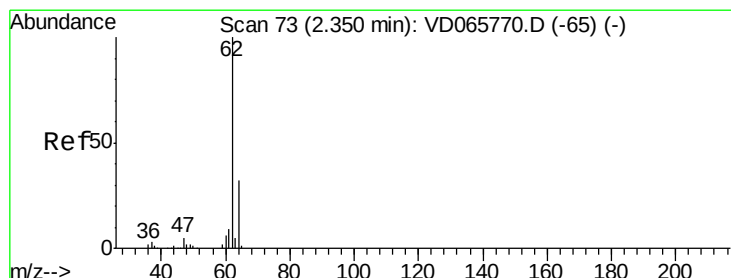
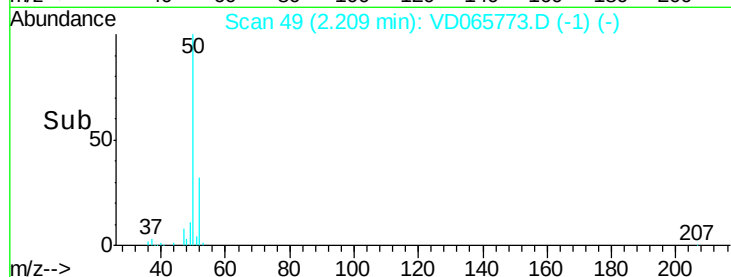
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.69 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065773.D

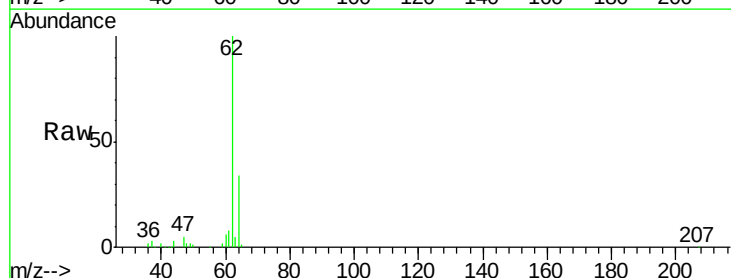
Acq: 05 Jun 2020 13:40

Tgt Ion: 62 Resp: 167329

Ion Ratio Lower Upper

62 100

64 33.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

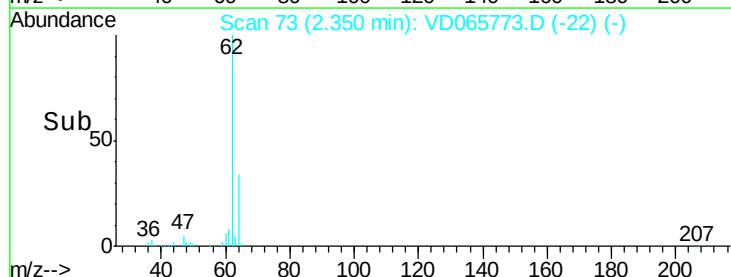
2.35

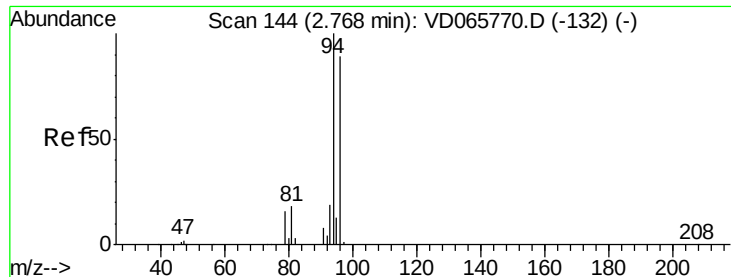
100000

50000

0

Time-->





#5

Bromomethane

Concen: 45.92 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 94 Resp: 115077

Ion Ratio Lower Upper

94 100

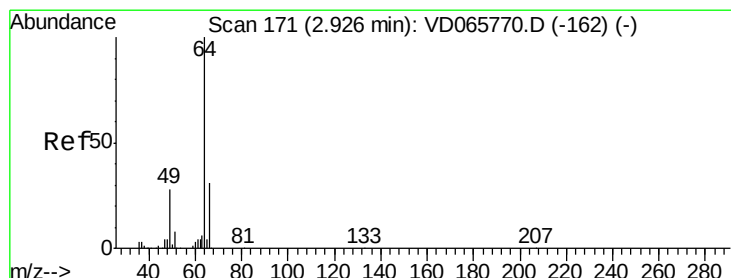
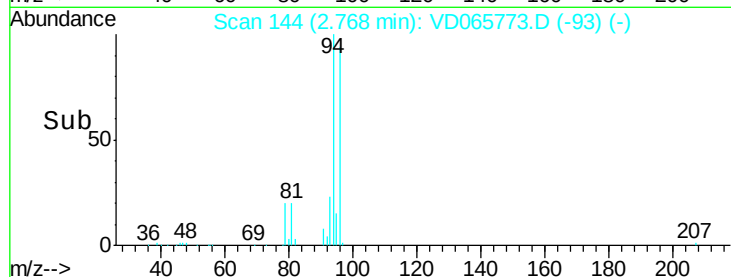
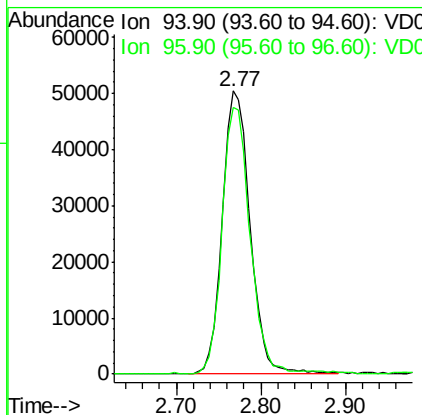
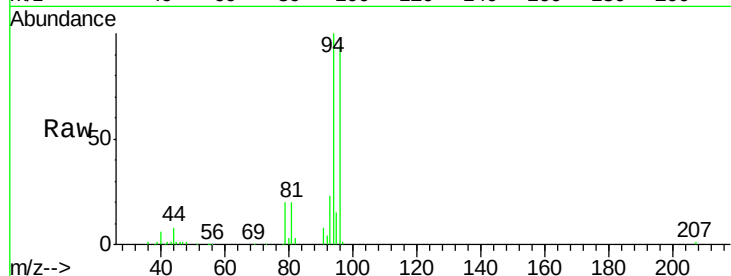
96 94.4 71.4 107.0

Manual Integrations

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#6

Chloroethane

Concen: 46.77 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065773.D

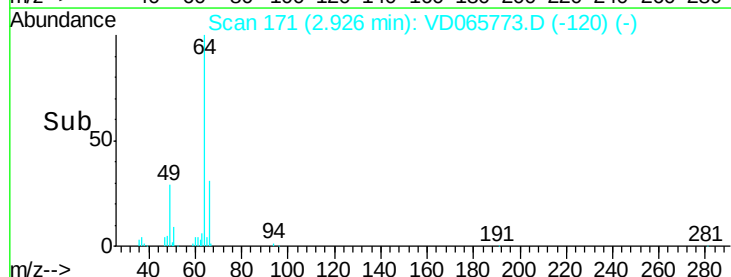
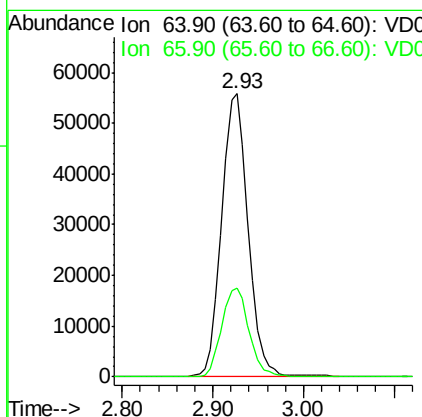
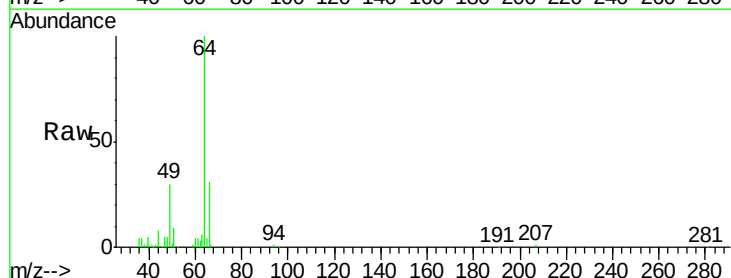
Acq: 05 Jun 2020 13:40

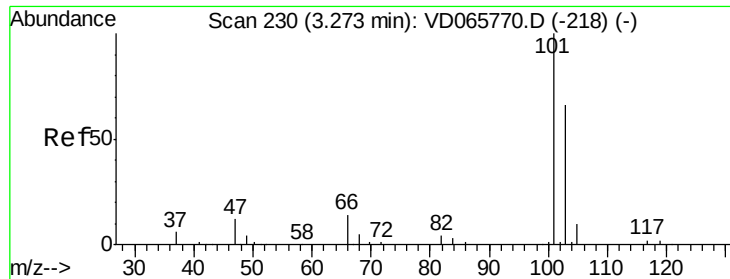
Tgt Ion: 64 Resp: 113335

Ion Ratio Lower Upper

64 100

66 31.5 24.5 36.7





#7

Trichlorofluoromethane

Concen: 47.65 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion:101 Resp: 193481

Ion Ratio Lower Upper

101 100

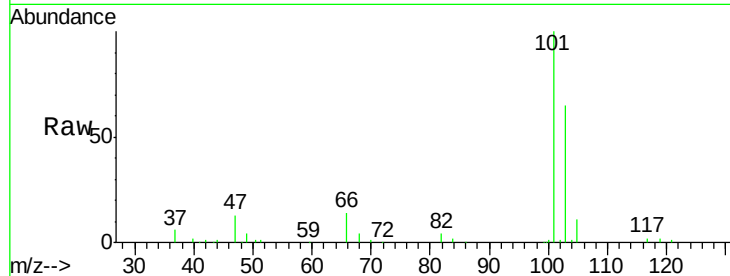
103 64.6 53.1 79.7

Manual Integrations

APPROVED

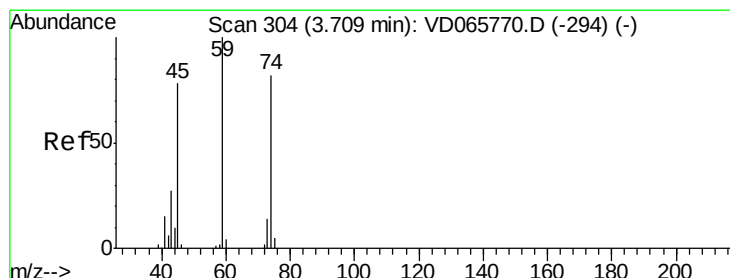
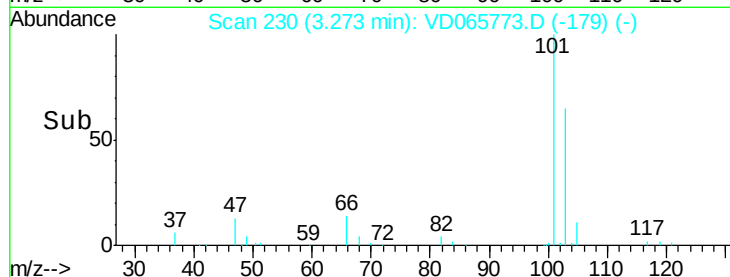
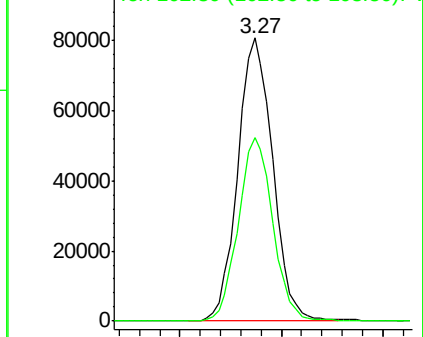
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.44 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD065773.D

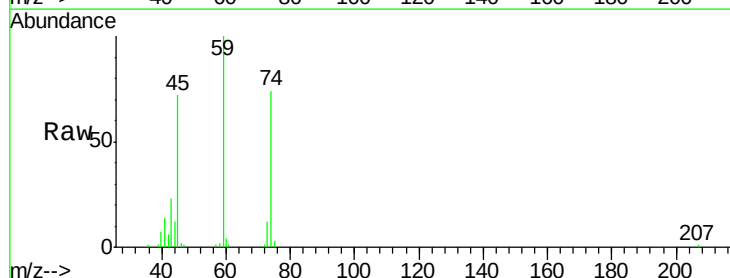
Acq: 05 Jun 2020 13:40

Tgt Ion: 74 Resp: 50642

Ion Ratio Lower Upper

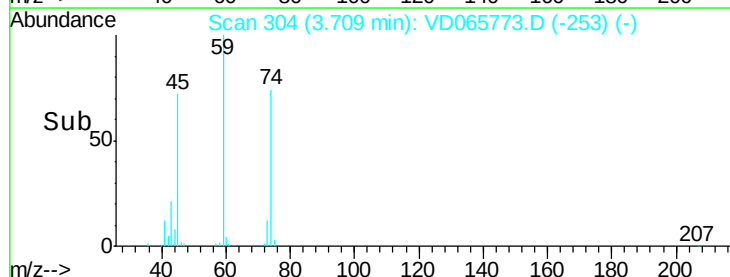
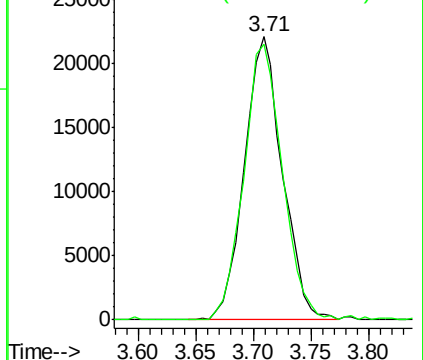
74 100

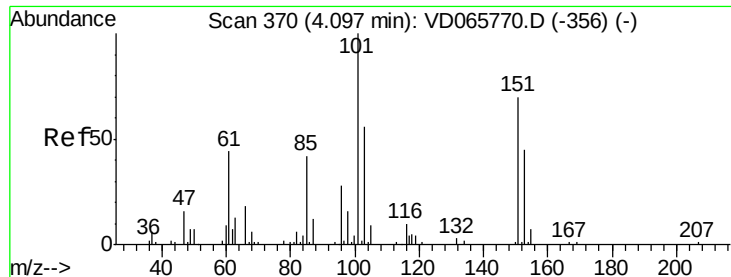
45 98.8 47.9 143.8



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.85 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

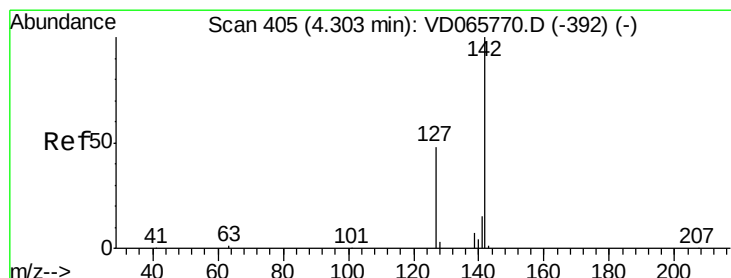
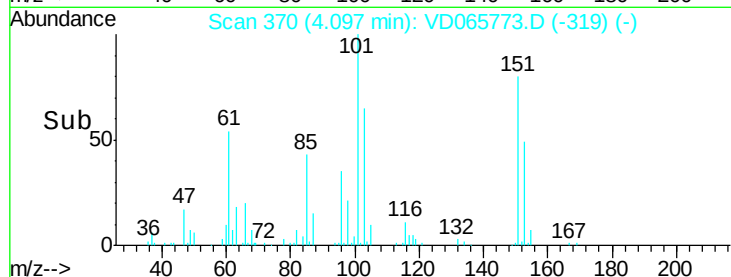
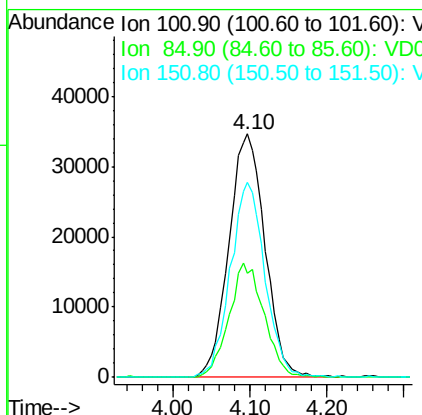
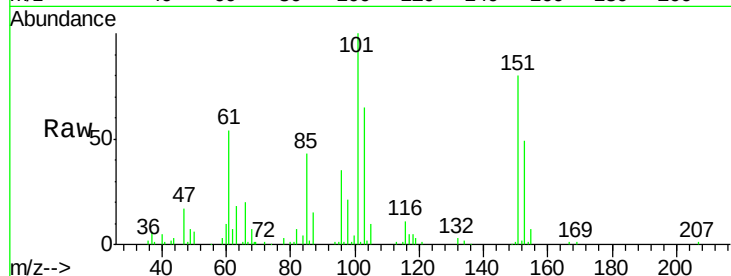
ClientSampleId :

ICVVD060520

Tgt Ion:	101	Resp:	113421
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.5	54.7
151	76.8	61.8	92.6

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#10

Methyl Iodide

Concen: 48.10 ug/l

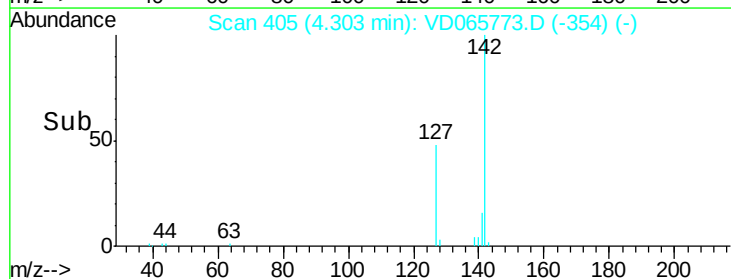
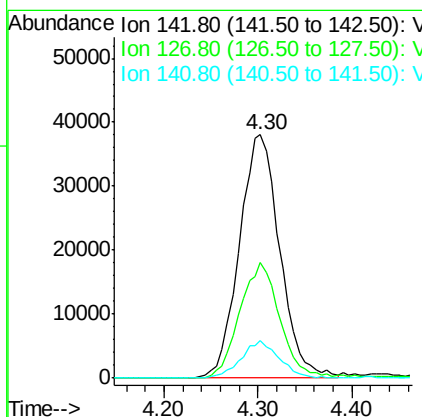
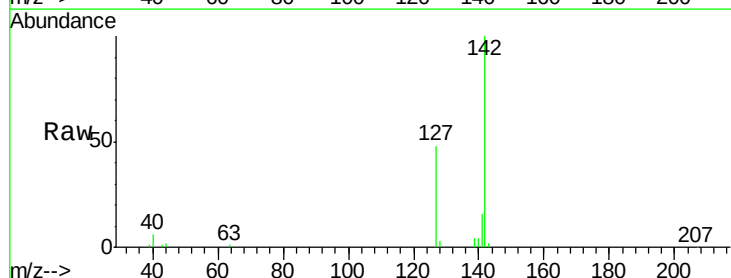
RT: 4.30 min Scan# 405

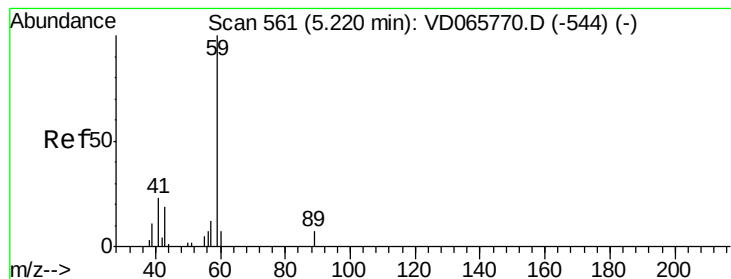
Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion:	142	Resp:	113400
Ion Ratio	Lower	Upper	
142	100		
127	47.2	37.6	56.4
141	14.3	12.1	18.1





#11

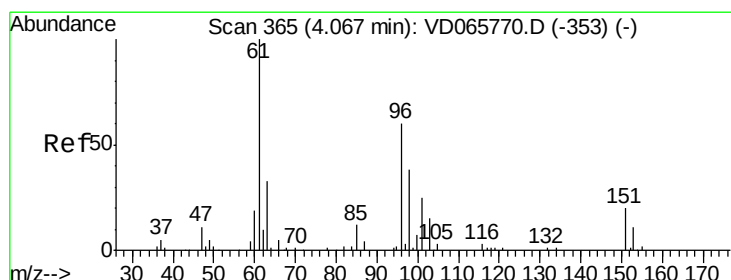
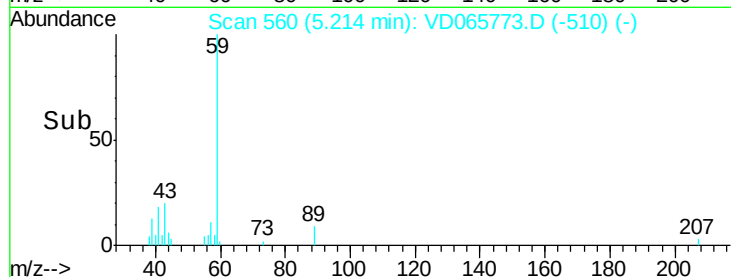
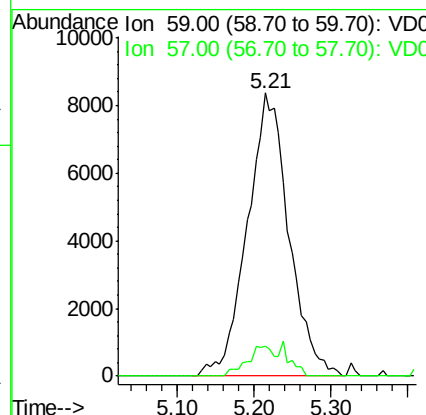
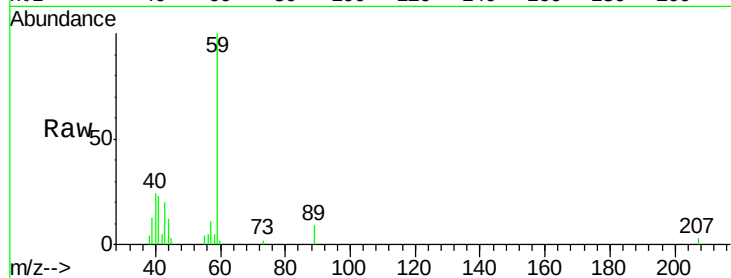
Tert butyl alcohol
 Concen: 231.80 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion: 59 Resp: 31532
 Ion Ratio Lower Upper
 59 100
 57 7.3 7.5 11.3#

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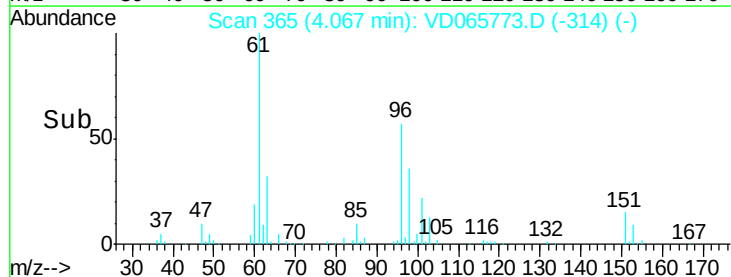
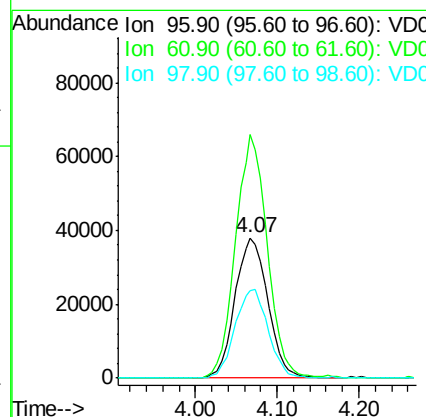
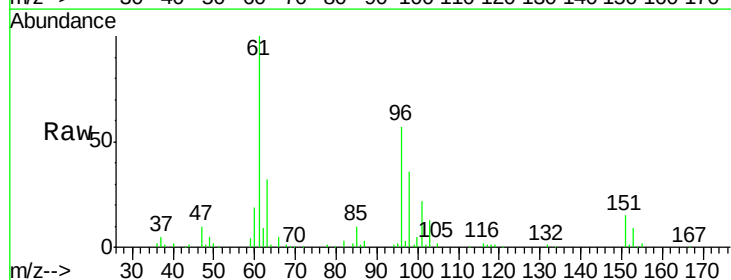
MMDadoda
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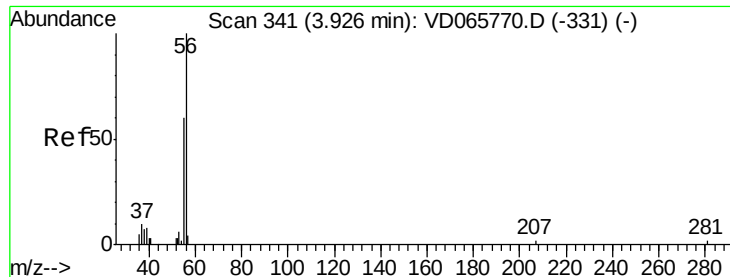


#12

1,1-Dichloroethene
 Concen: 48.06 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 96 Resp: 106037
 Ion Ratio Lower Upper
 96 100
 61 173.9 132.3 198.5
 98 62.8 50.7 76.1





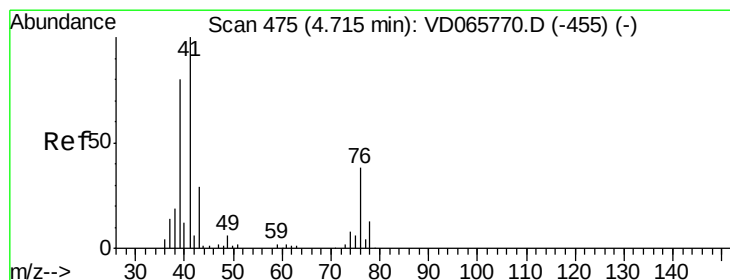
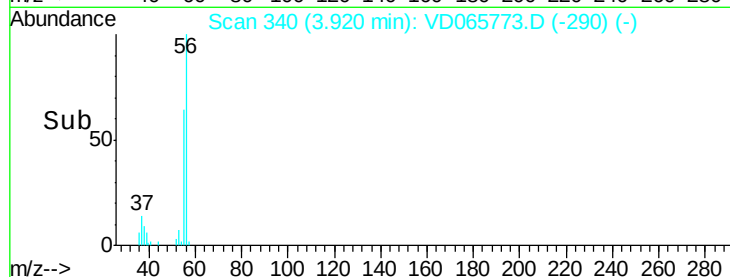
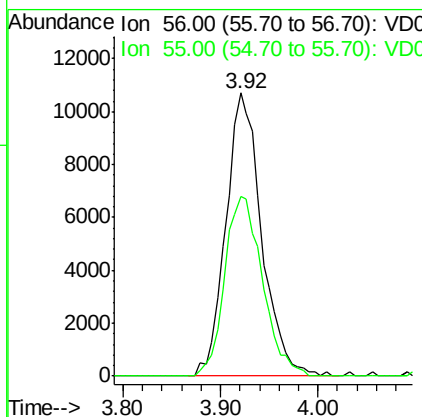
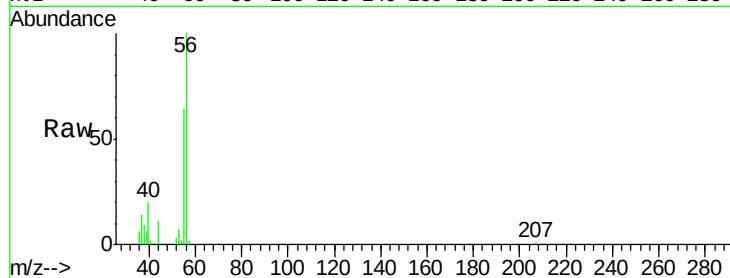
#13
Acrolein
Concen: 202.02 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 56 Resp: 27234
Ion Ratio Lower Upper
56 100
55 67.0 54.8 82.2

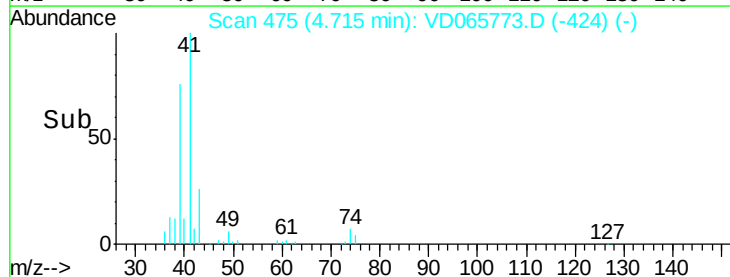
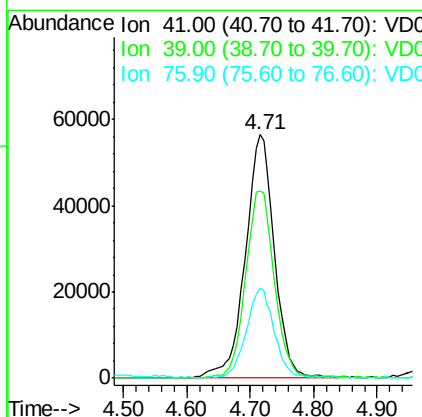
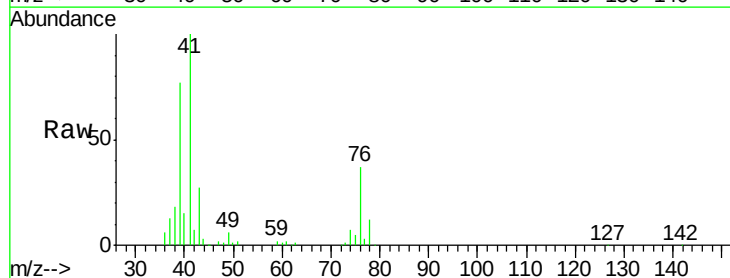
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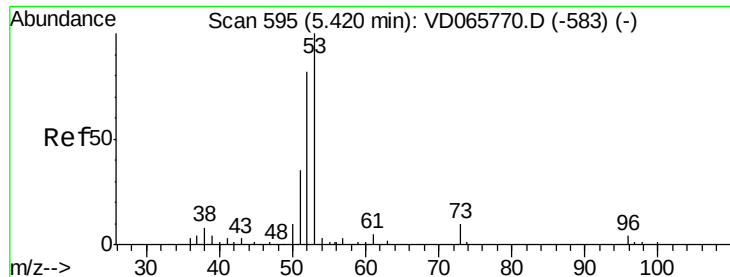
MMDadoda
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#14
Allyl chloride
Concen: 49.54 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 41 Resp: 180678
Ion Ratio Lower Upper
41 100
39 76.4 60.9 91.3
76 35.2 28.9 43.3





#15

Acrylonitrile

Concen: 232.76 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

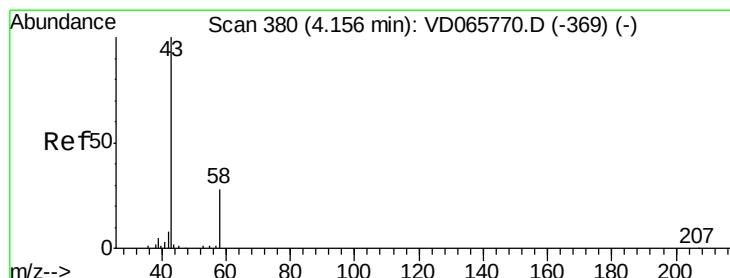
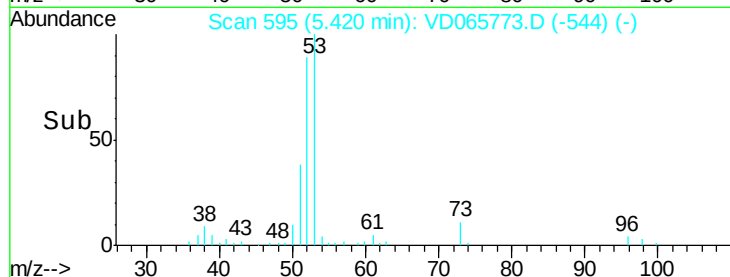
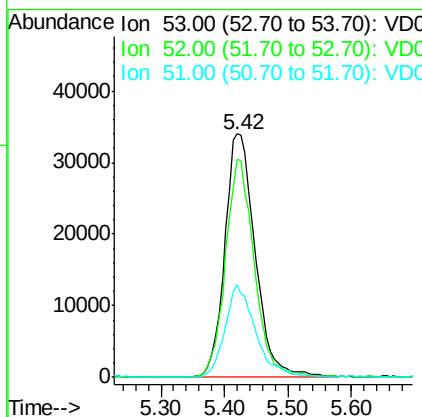
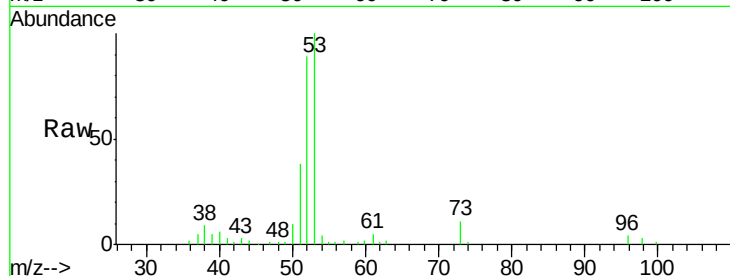
ClientSampleId :

ICVVD060520

Tgt Ion:	53	Resp:	112844
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.2	99.2
51	38.0	30.7	46.1

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#16

Acetone

Concen: 288.22 ug/l

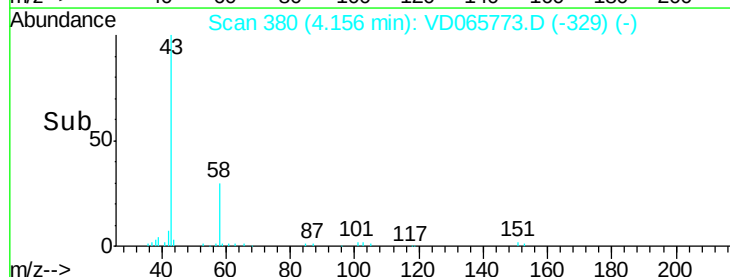
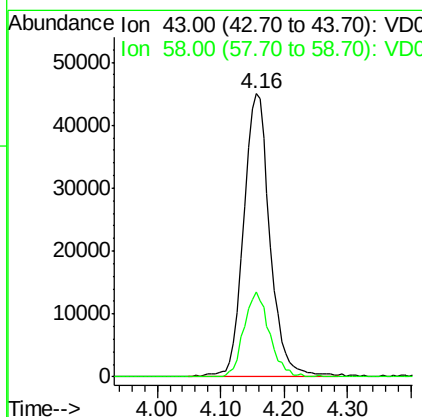
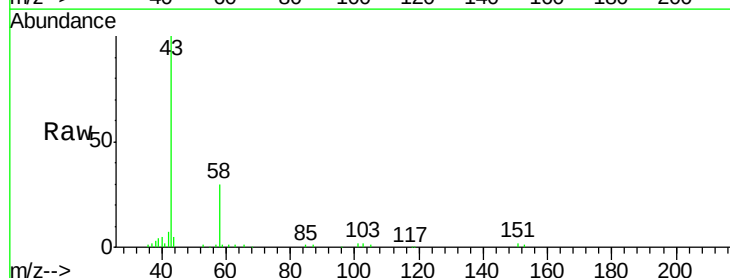
RT: 4.16 min Scan# 380

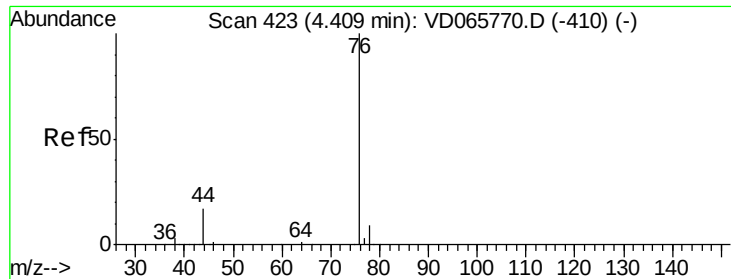
Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion:	43	Resp:	130486
Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.3	33.5





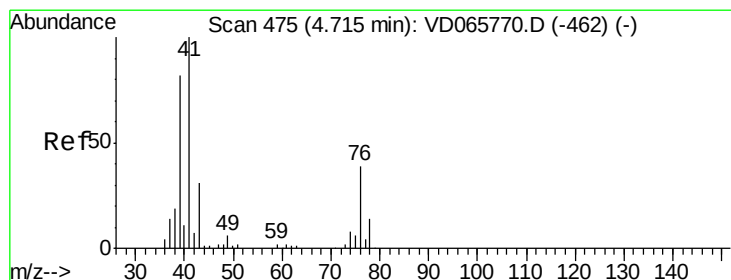
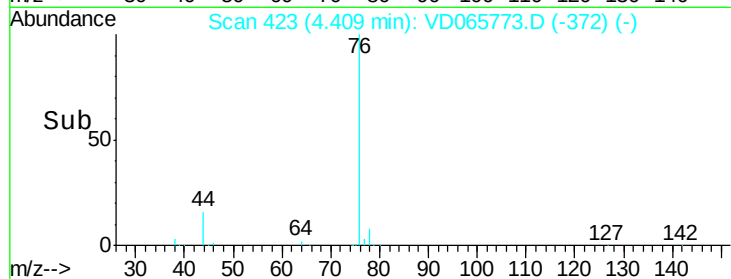
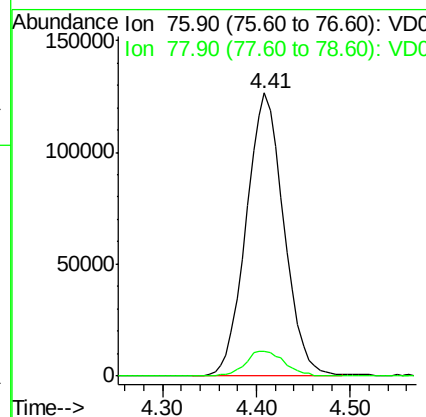
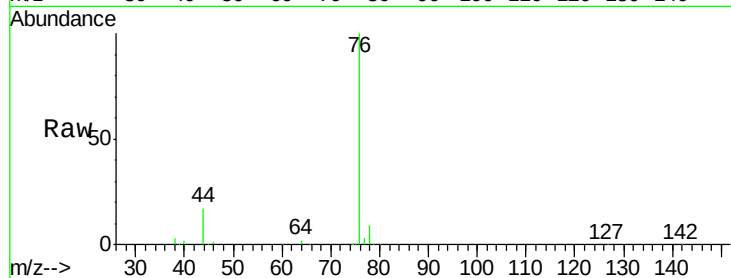
#17
Carbon Disulfide
Concen: 47.38 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

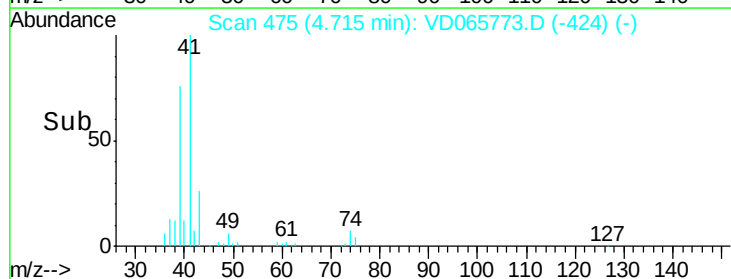
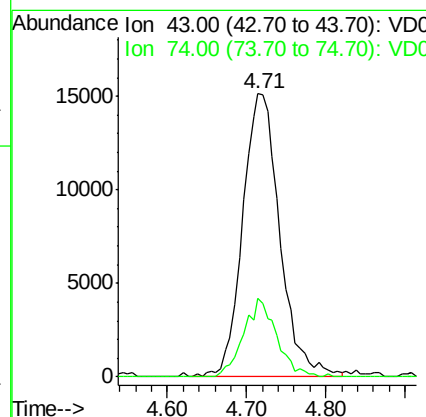
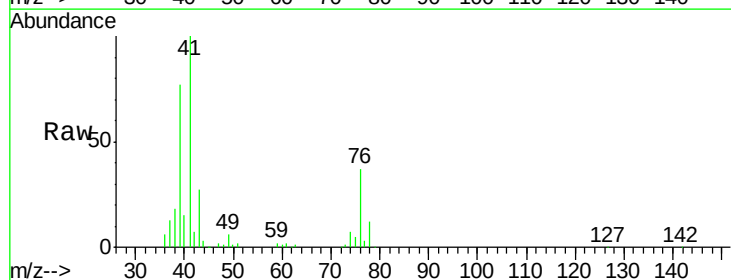
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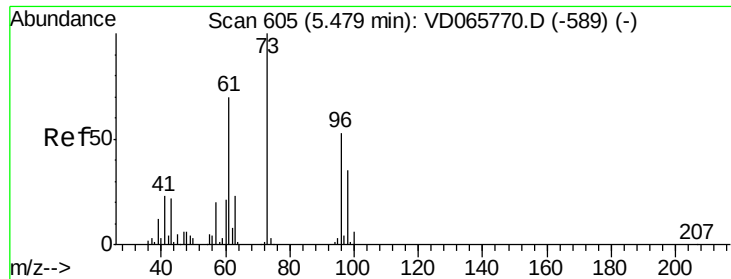
MMDadoda
6/5/2020 4:12:50 PM



#18
Methyl Acetate
Concen: 48.17 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.7	28.1





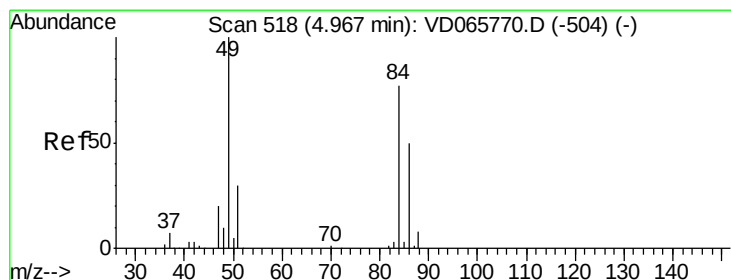
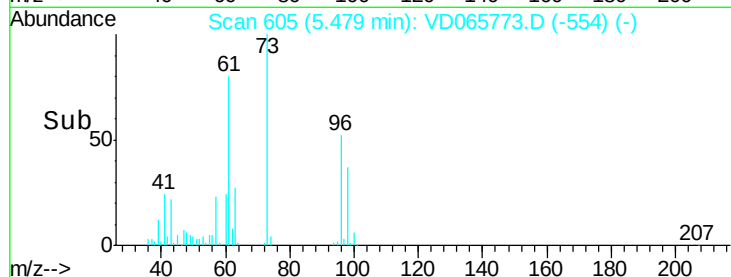
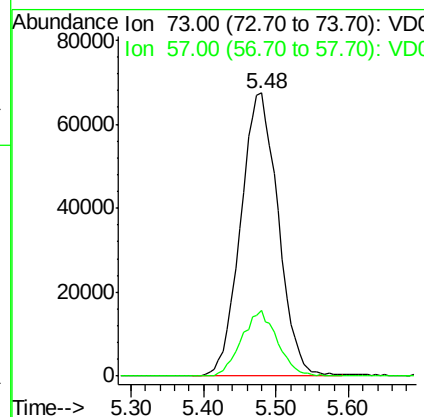
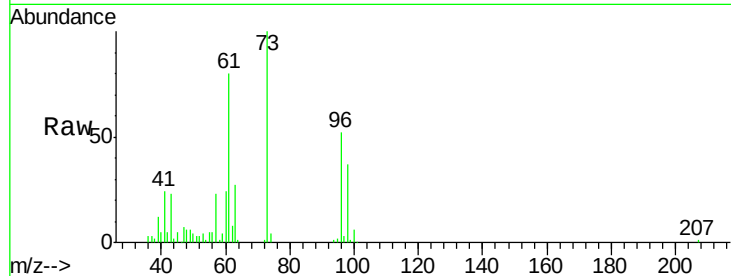
#19
Methyl tert-butyl Ether
Concen: 48.45 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 73 Resp: 242171
Ion Ratio Lower Upper
73 100
57 23.3 16.2 24.2

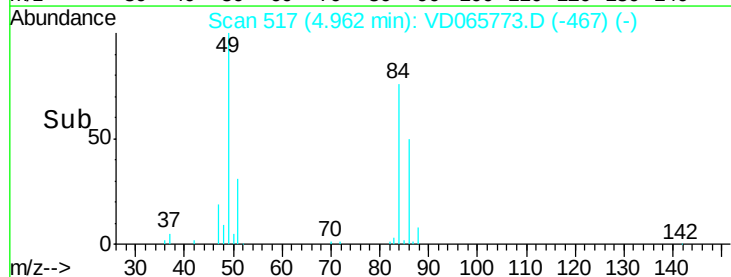
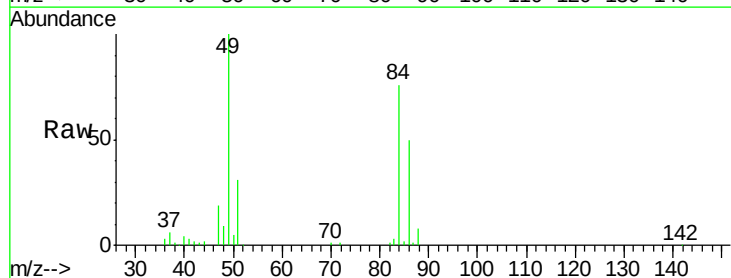
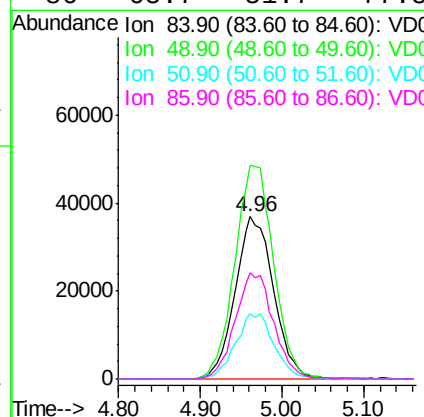
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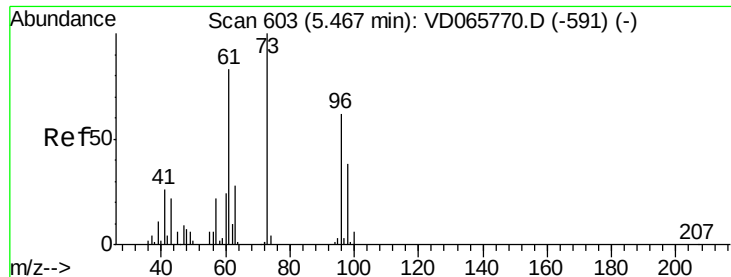
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#20
Methylene Chloride
Concen: 50.19 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 84 Resp: 120638
Ion Ratio Lower Upper
84 100
49 131.8 103.4 155.0
51 40.3 31.4 47.2
86 65.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.54 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

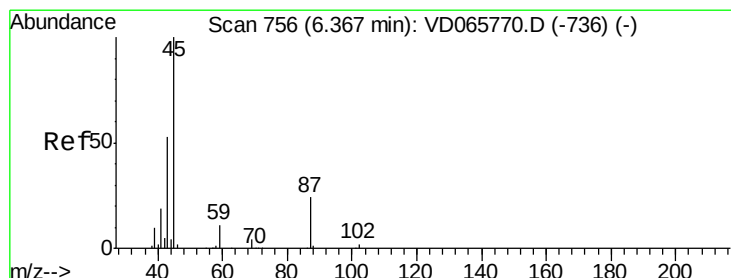
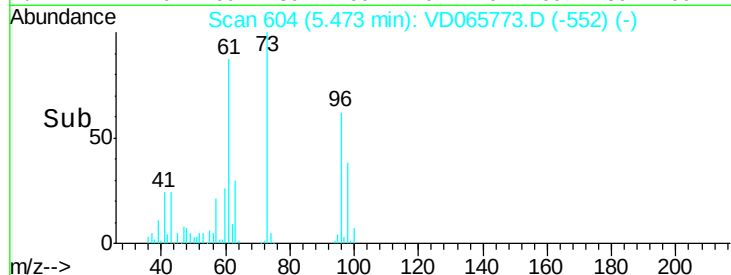
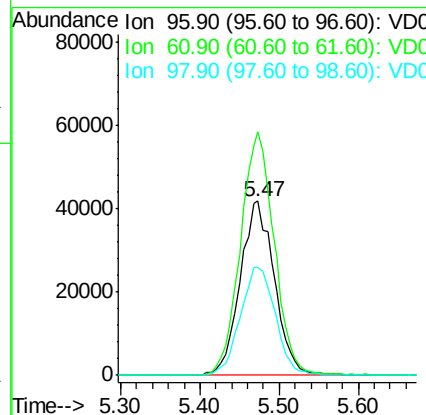
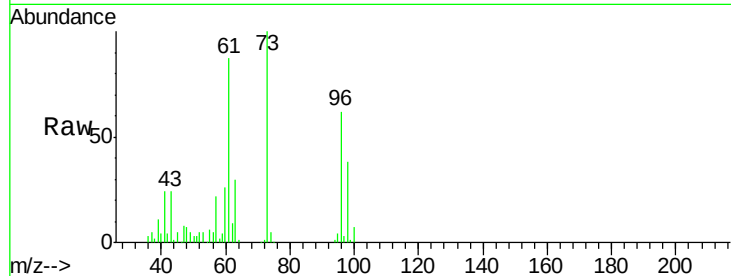
ClientSampleId :

ICVVD060520

Tgt Ion:	96	Resp:	125428
Ion	Ratio	Lower	Upper
96	100		
61	139.7	107.7	161.5
98	61.6	49.3	73.9

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#22

Diisopropyl ether

Concen: 49.54 ug/l

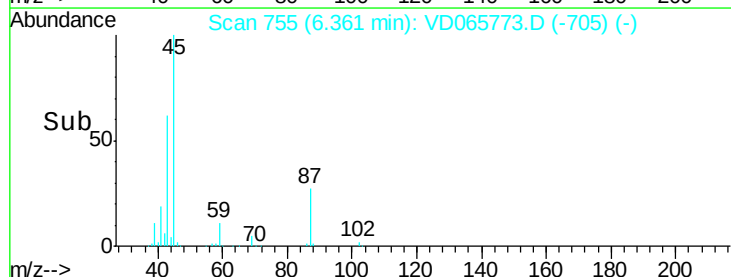
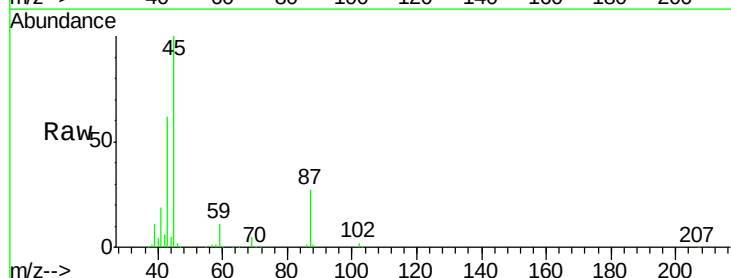
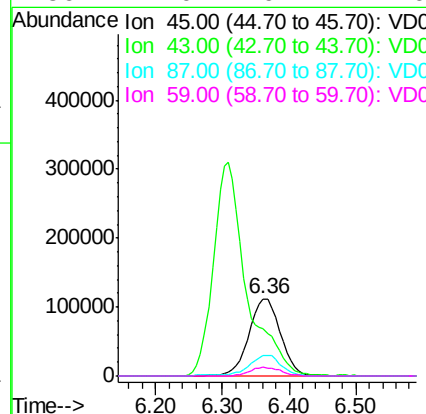
RT: 6.36 min Scan# 755

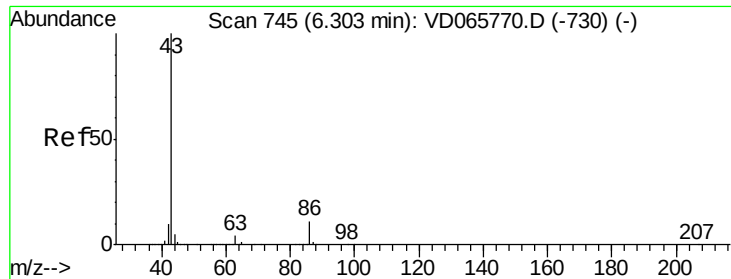
Delta R.T. -0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion:	45	Resp:	365031
Ion	Ratio	Lower	Upper
45	100		
43	61.2	43.4	65.0
87	26.8	20.2	30.4
59	11.0	9.4	14.0





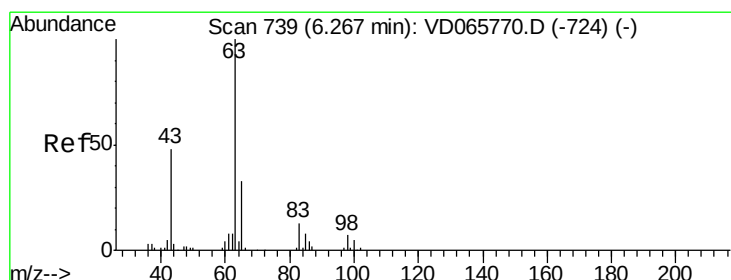
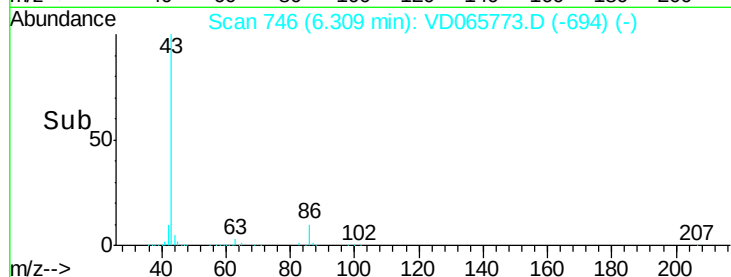
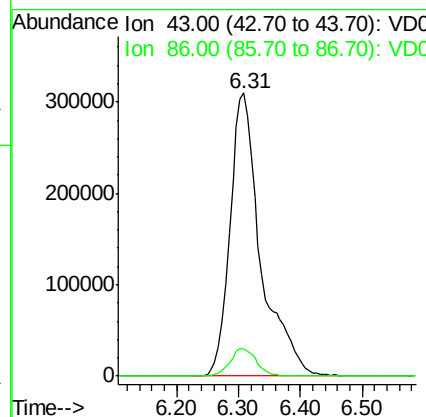
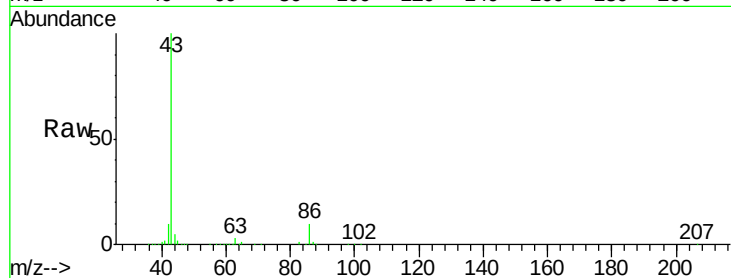
#23
 Vinyl Acetate
 Concen: 257.68 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion: 43 Resp: 1072209
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

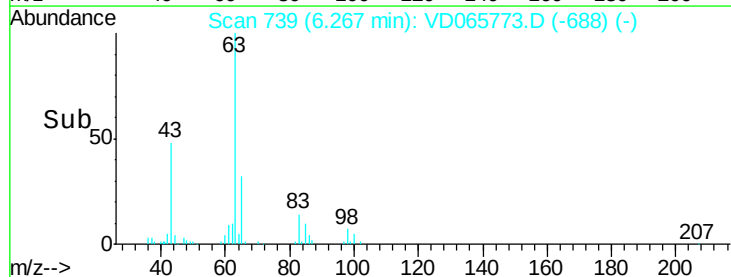
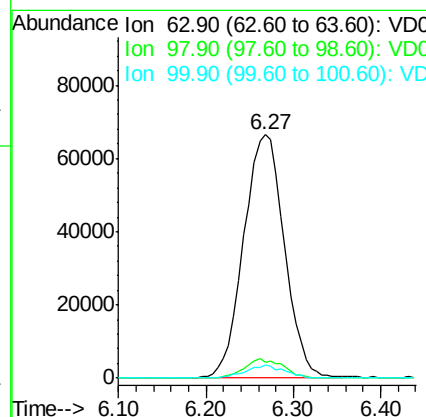
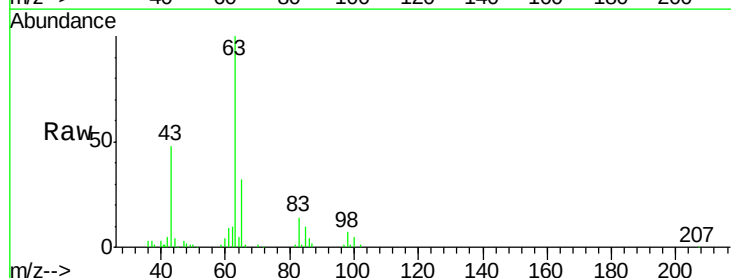
Manual Integrations
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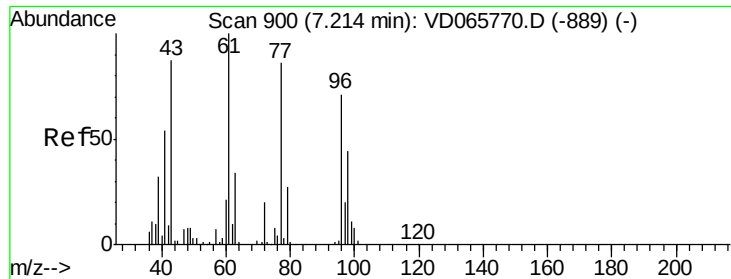
MMDadoda
 6/5/2020 4:12:50 PM



#24
 1,1-Dichloroethane
 Concen: 46.96 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 63 Resp: 210829
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 5.2 2.3 6.9





#25

2-Butanone

Concen: 253.04 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 43 Resp: 158212

Ion Ratio Lower Upper

43 100

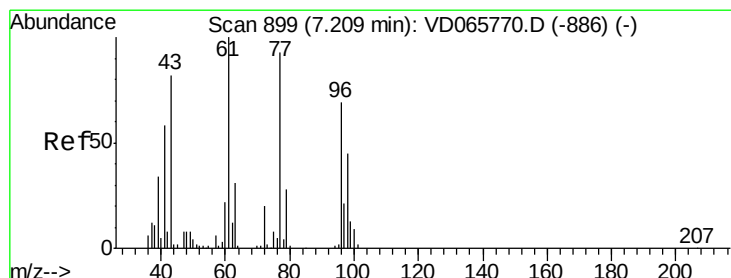
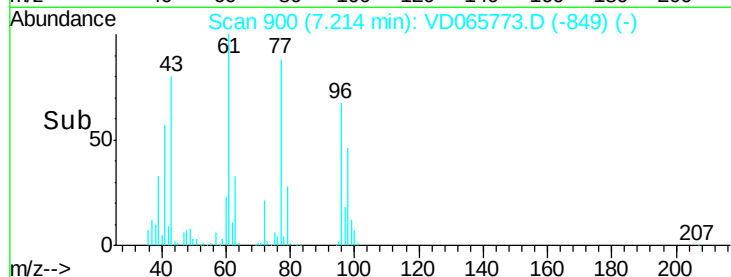
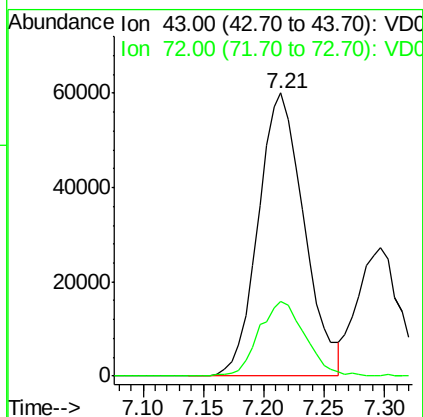
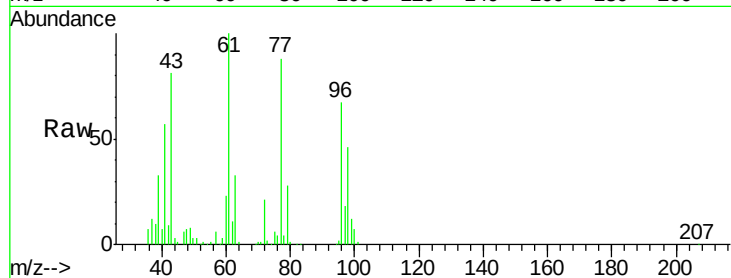
72 26.3 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.41 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065773.D

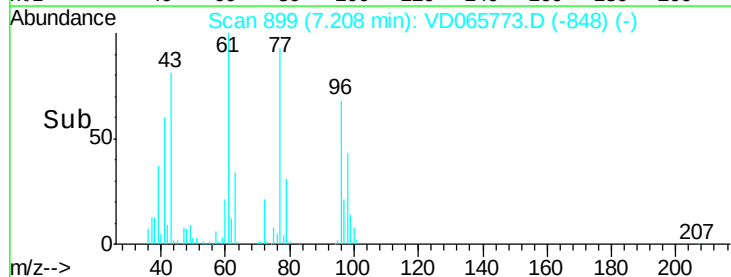
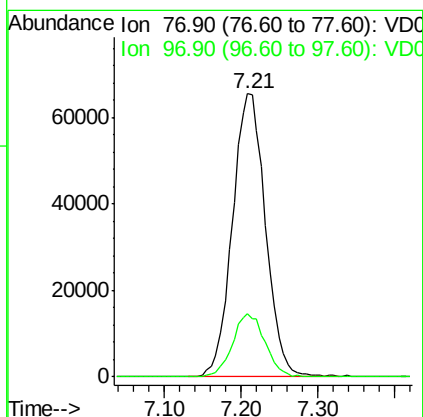
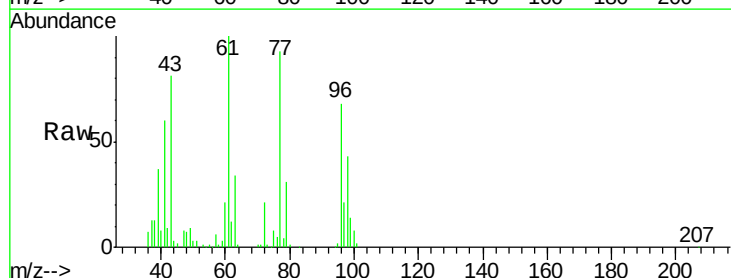
Acq: 05 Jun 2020 13:40

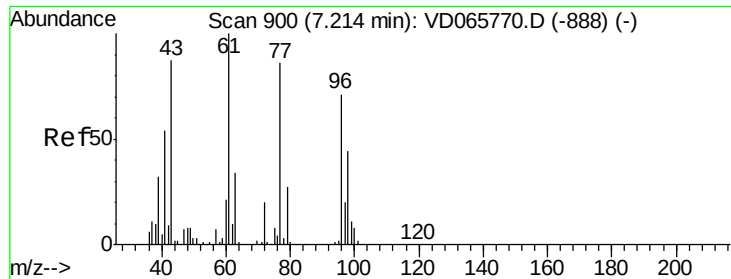
Tgt Ion: 77 Resp: 196693

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.7





#27

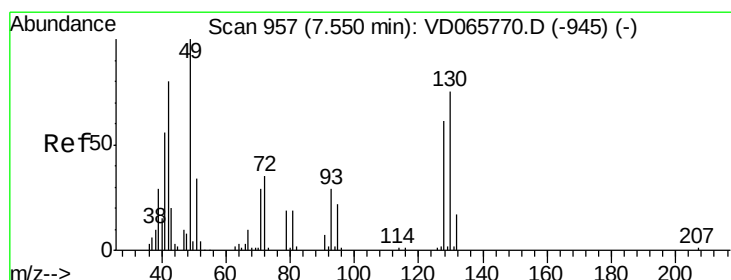
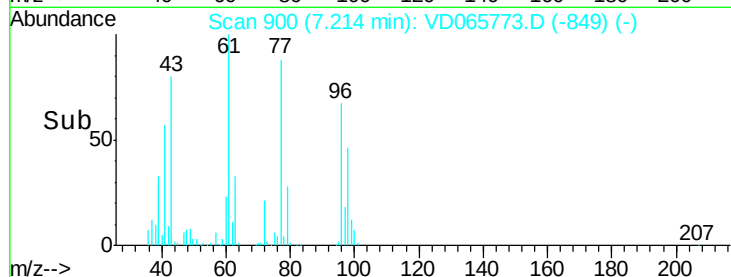
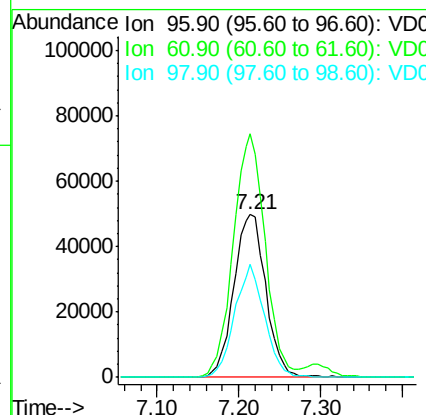
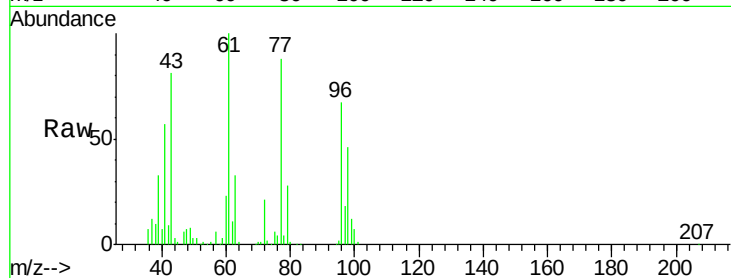
cis-1,2-Dichloroethene
Concen: 48.95 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	136080		
61	148.2	0.0	291.2	
98	64.3	0.0	128.8	

Manual Integrations
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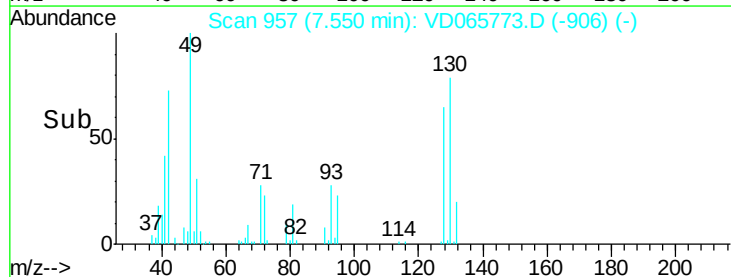
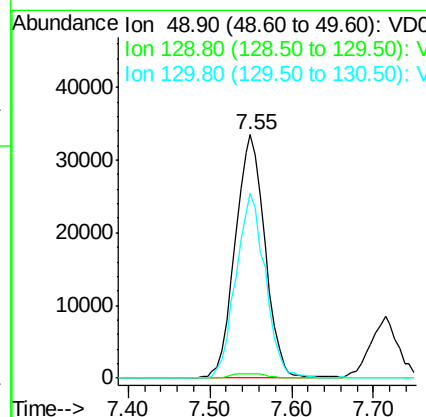
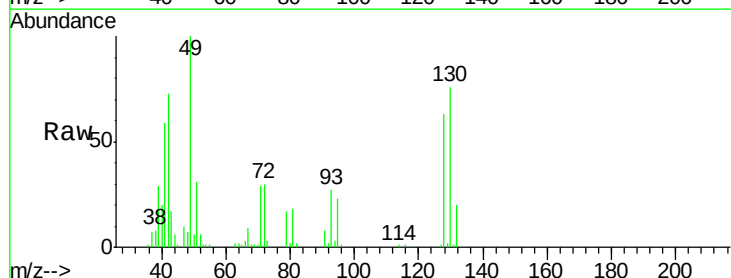
MMDadoda
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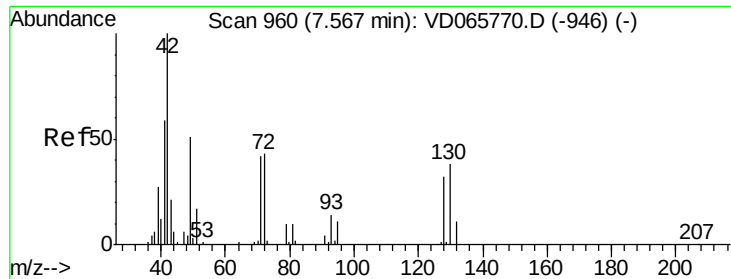


#28

Bromochloromethane
Concen: 49.04 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85042		
129	2.0	0.0	4.6	
130	74.8	59.5	89.3	





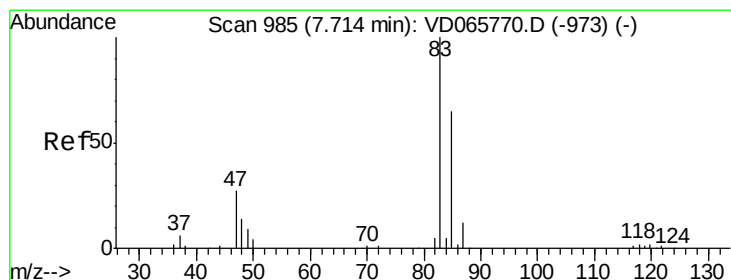
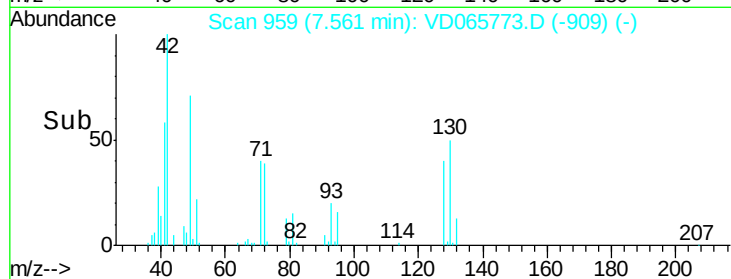
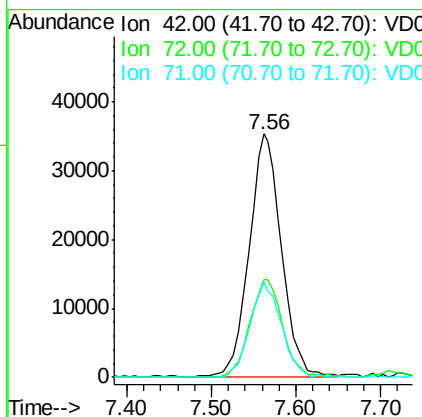
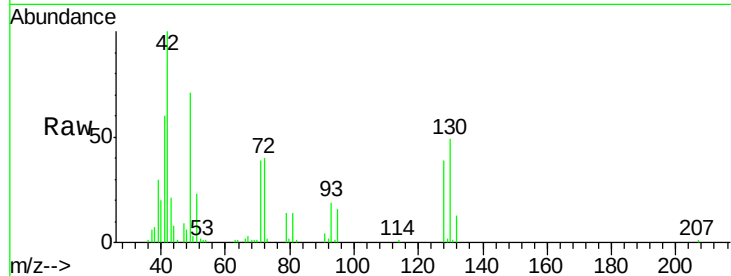
#29
Tetrahydrofuran
Concen: 238.78 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.9	52.3
71	37.5	31.2	46.8

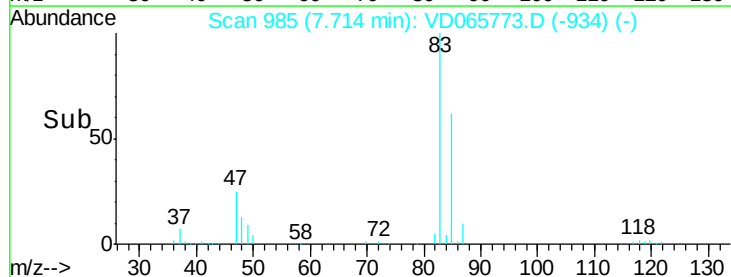
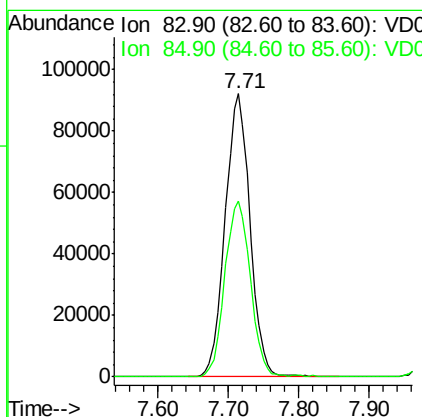
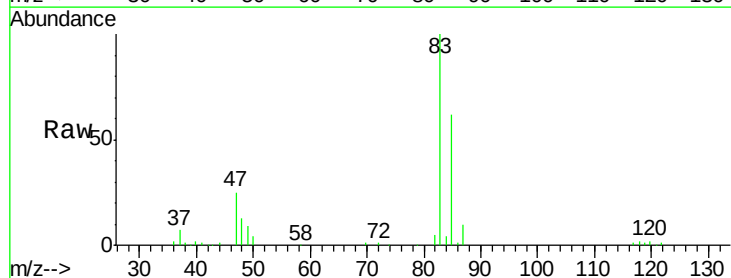
Manual Integrations
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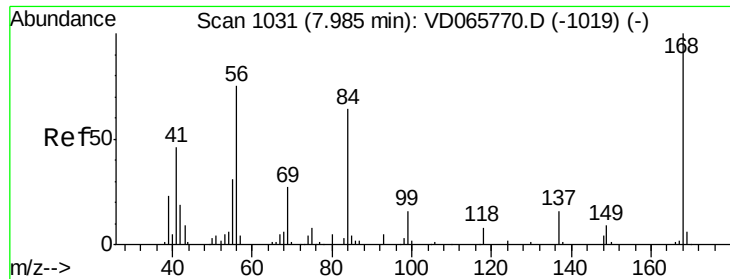
MMDadoda
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#30
Chloroform
Concen: 48.39 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.9	77.9





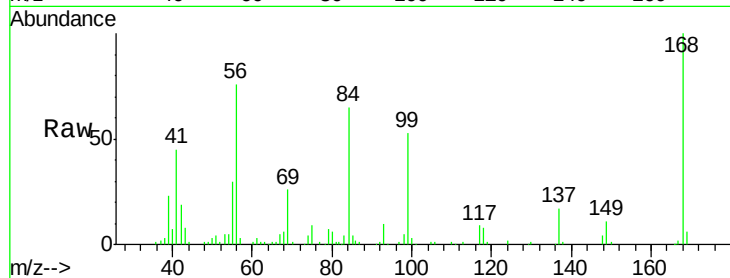
#31
Cyclohexane
Concen: 47.83 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampled :
ICVVD060520

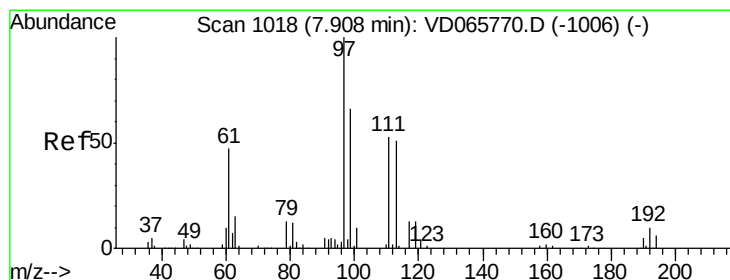
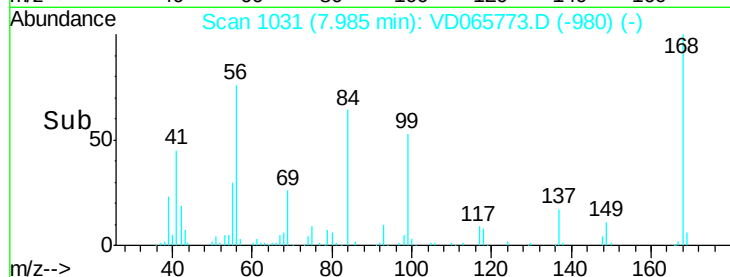
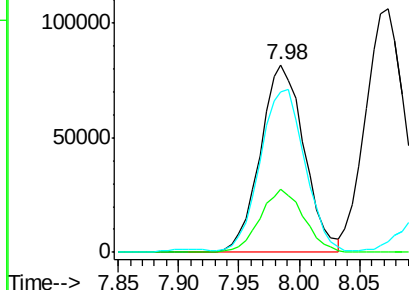
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	28.5	42.7
84	84.0	68.4	102.6

Manual Integrations
APPROVED

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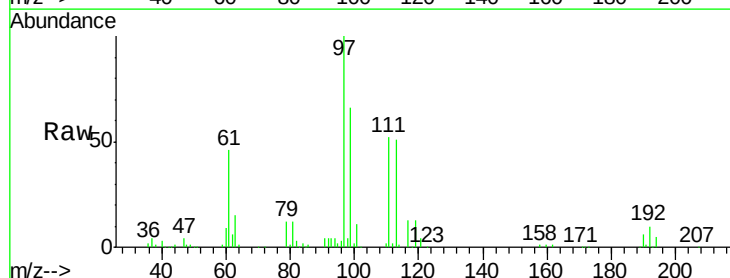


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

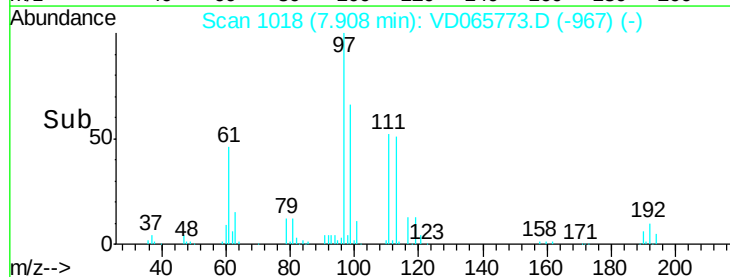
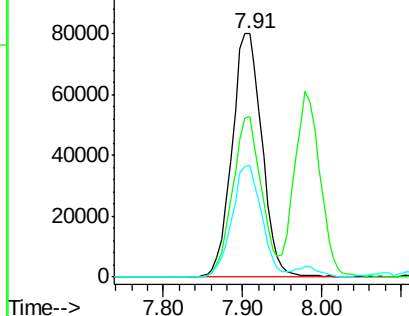


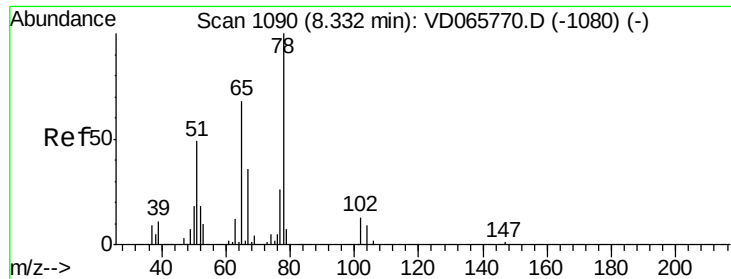
#32
1,1,1-Trichloroethane
Concen: 49.00 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	49.2	73.8
61	45.7	36.0	54.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





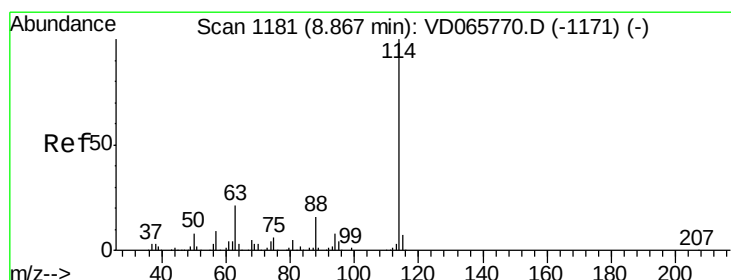
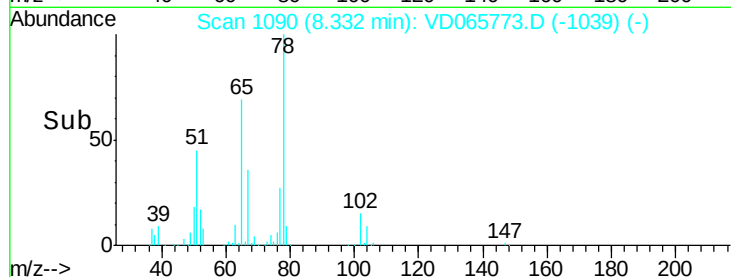
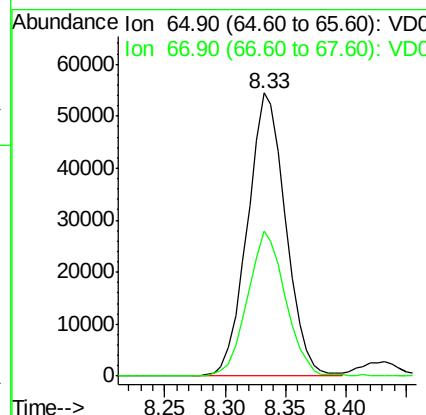
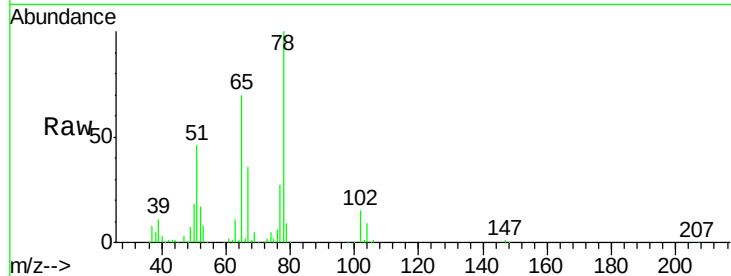
#33
 1,2-Dichloroethane-d4
 Concen: 50.02 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	120056		
67	51.0	0.0	103.6	

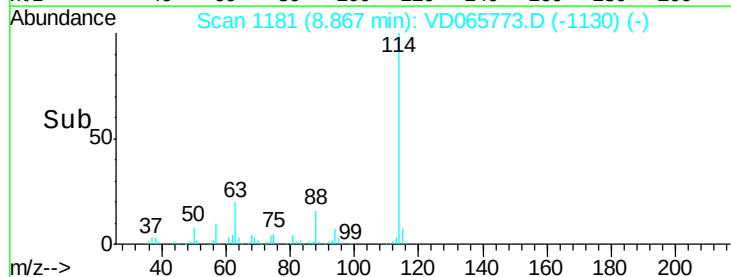
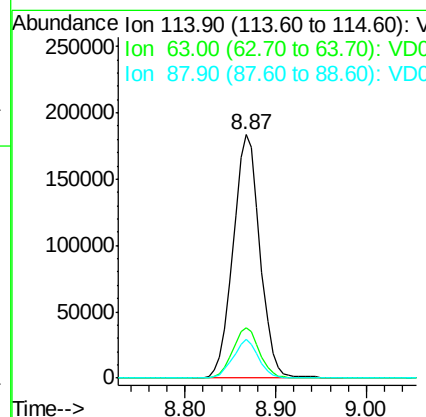
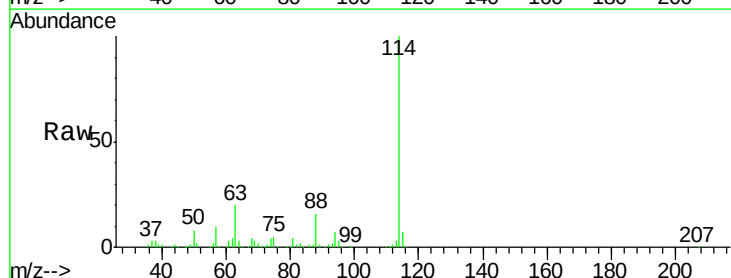
Manual Integrations
 APPROVED

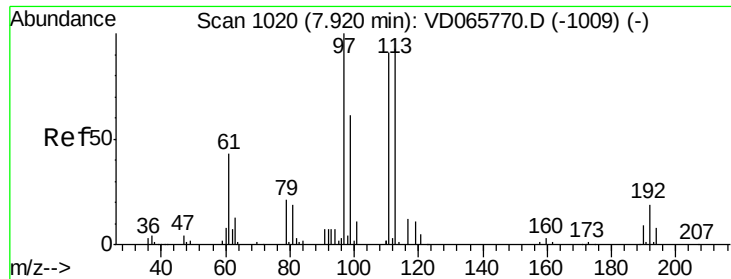
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377687		
63	20.4	0.0	41.8	
88	15.8	0.0	32.0	





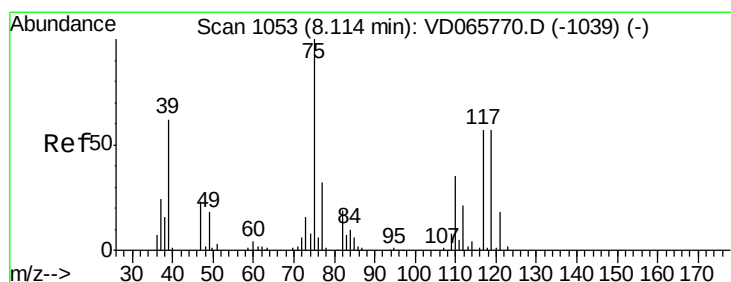
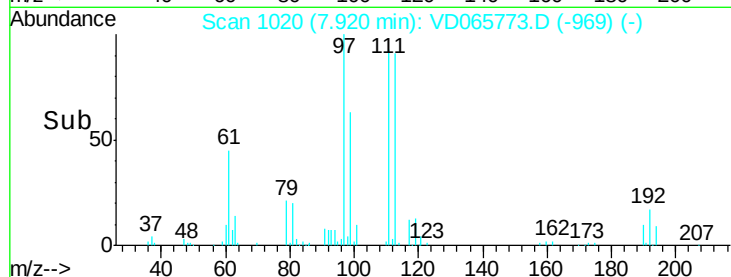
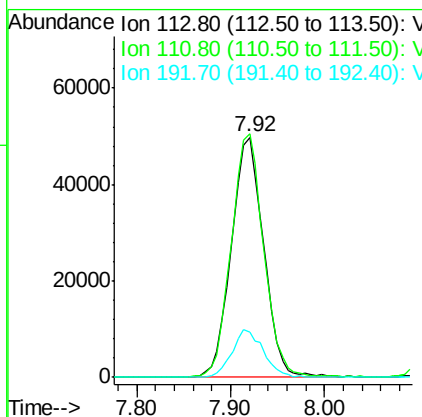
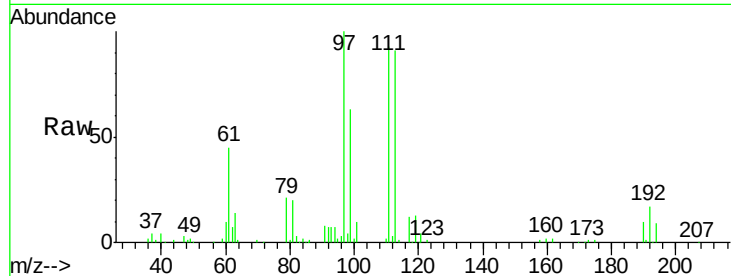
#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118957		
111	102.0	83.4	125.0	
192	19.2	15.7	23.5	

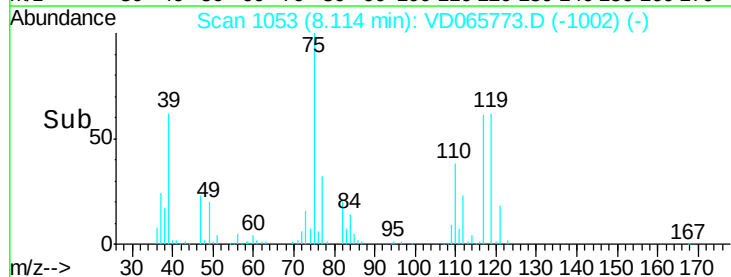
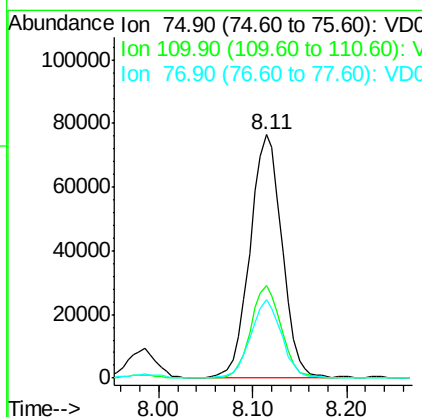
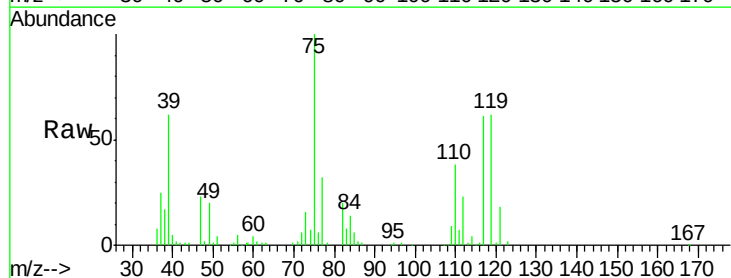
Manual Integrations
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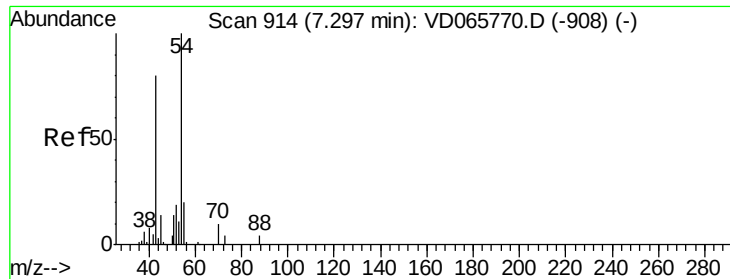
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#36
 1,1-Dichloropropene
 Concen: 49.96 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	180751		
110	36.0	17.6	52.8	
77	31.0	25.1	37.7	





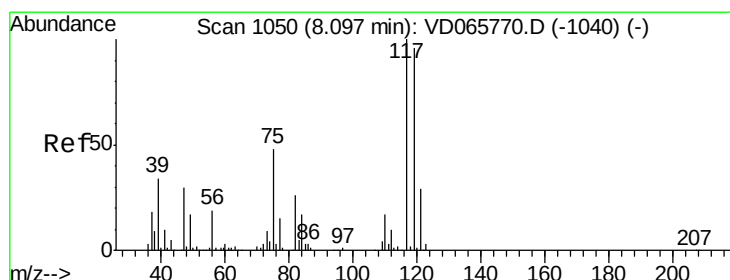
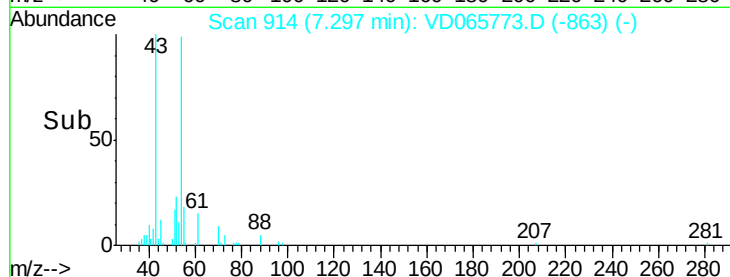
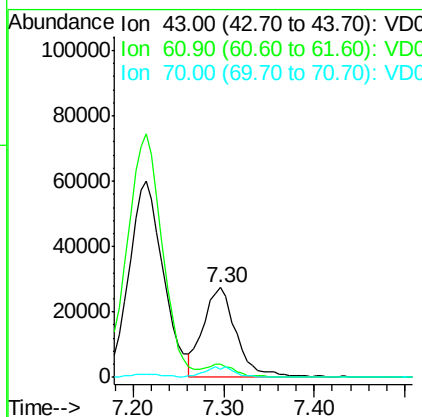
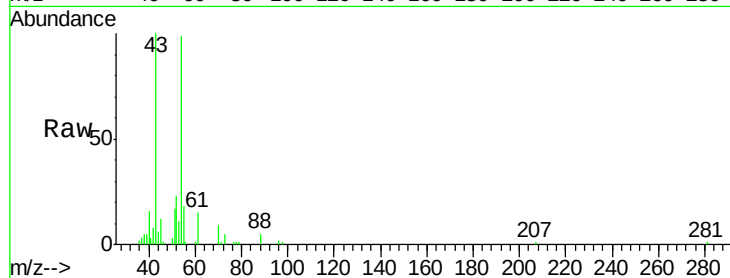
#37
Ethyl Acetate
Concen: 48.07 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	10.2	7.5	11.3

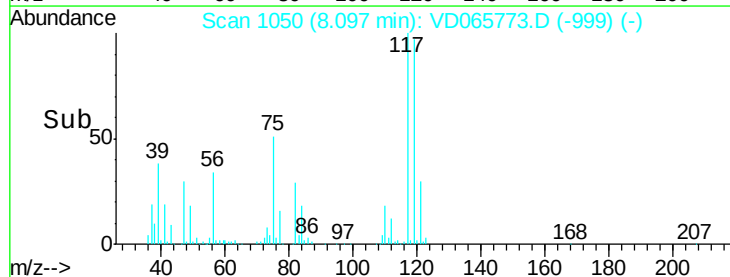
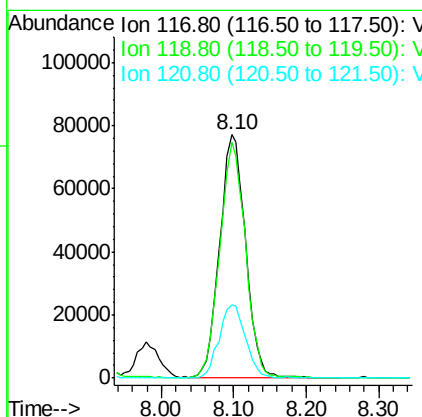
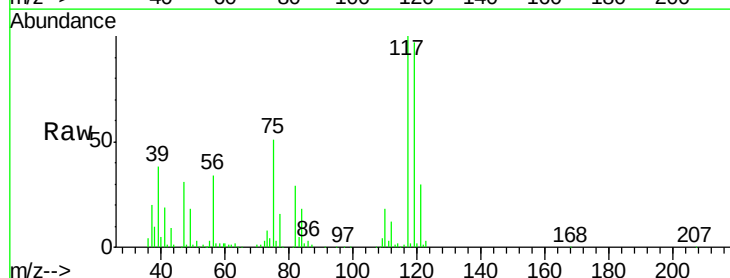
Manual Integrations
APPROVED

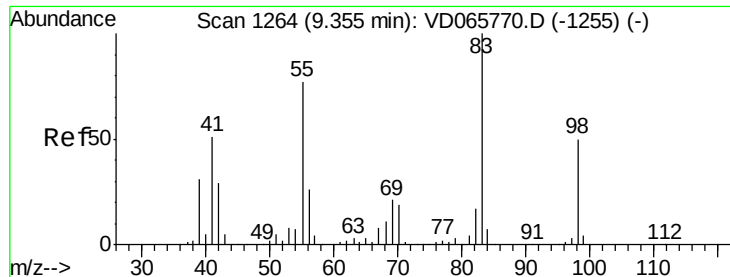
MMDadoda
6/5/2020 4:12:50 PM



#38
Carbon Tetrachloride
Concen: 50.57 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.8	115.2
121	29.9	23.4	35.2





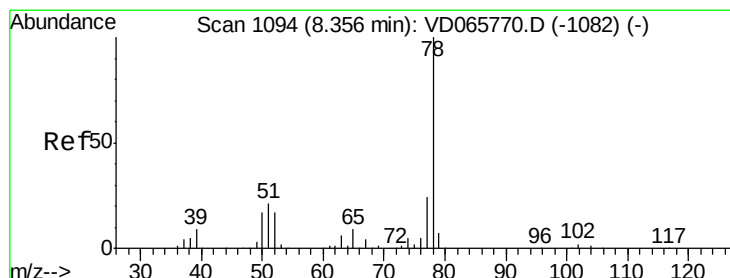
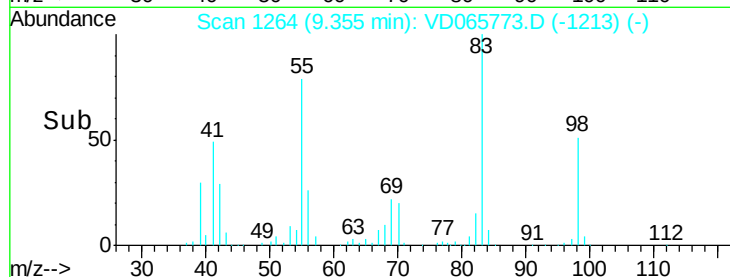
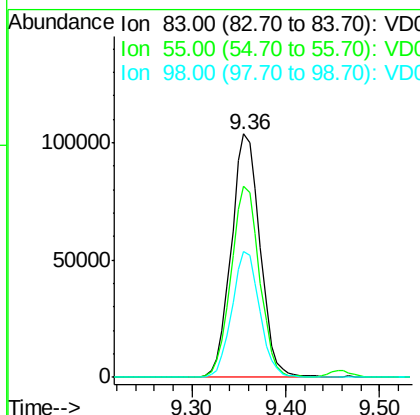
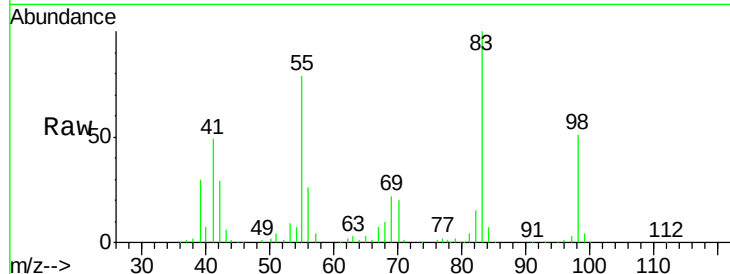
#39
Methylcyclohexane
Concen: 51.49 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.7	61.6	92.4
98	51.5	40.2	60.2

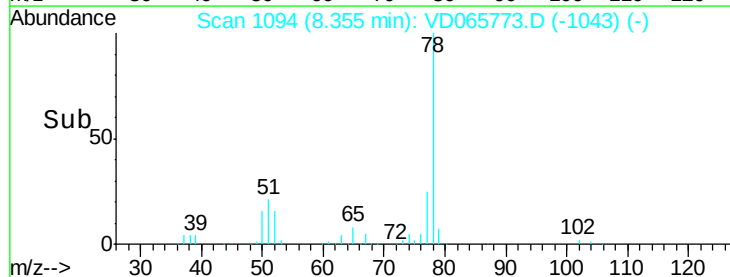
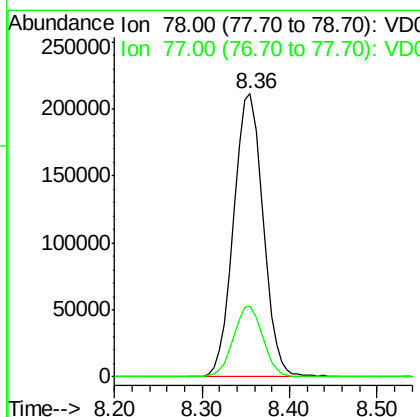
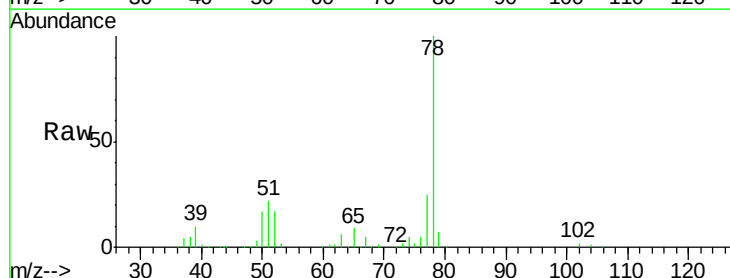
Manual Integrations
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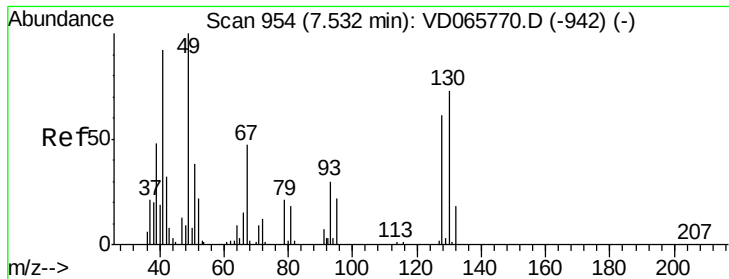
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#40
Benzene
Concen: 48.90 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





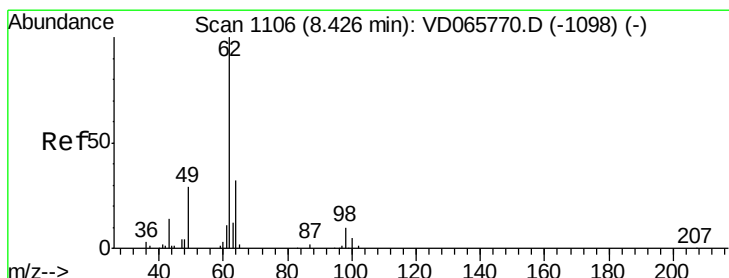
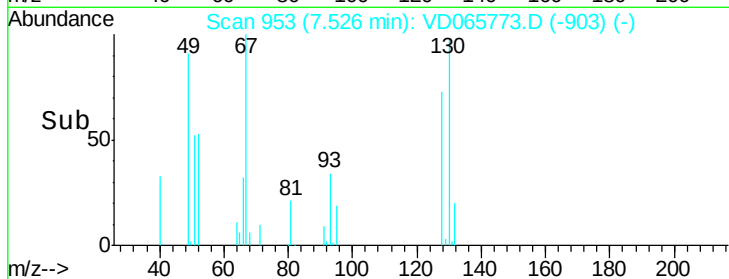
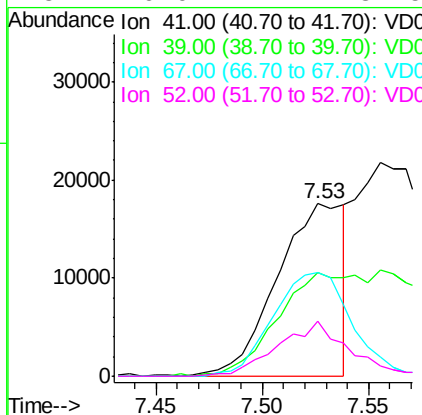
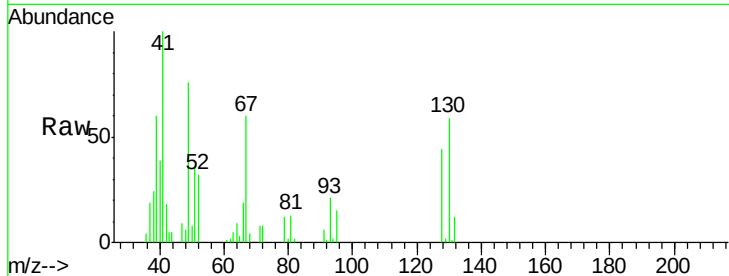
#41
Methacrylonitrile
Concen: 45.73 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

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

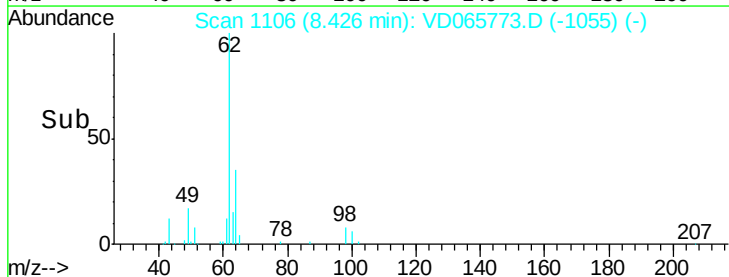
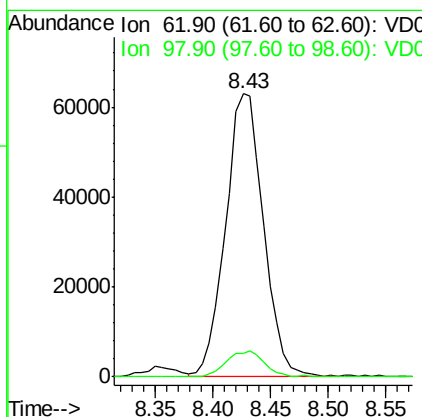
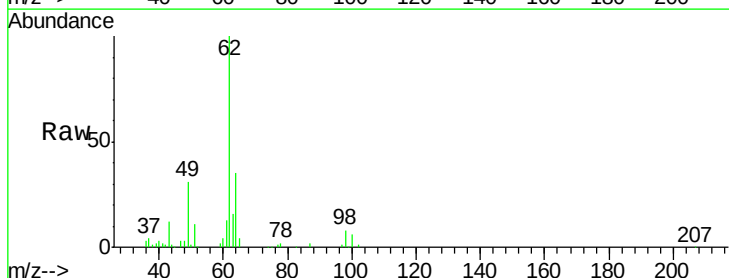
Manual Integrations
APPROVED

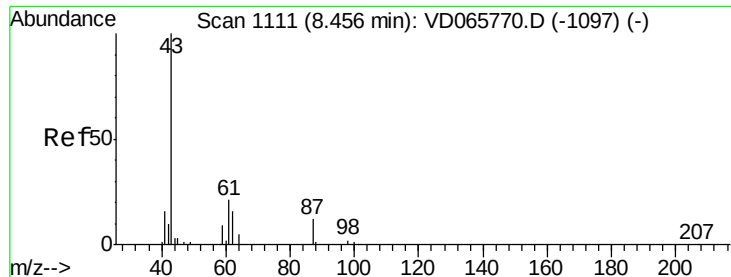
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6/5/2020 4:12:50 PM



#42
1,2-Dichloroethane
Concen: 47.89 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





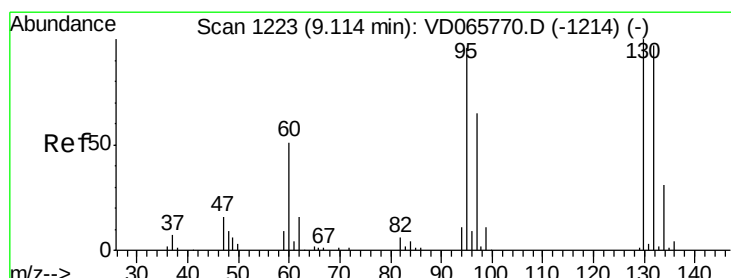
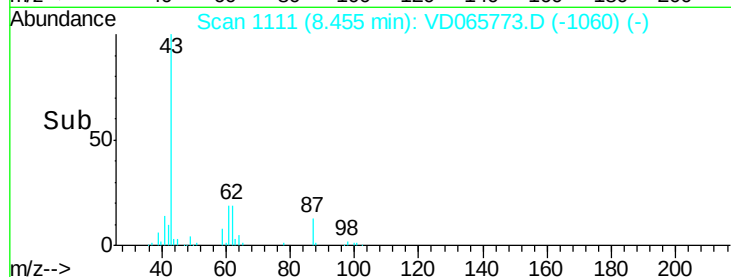
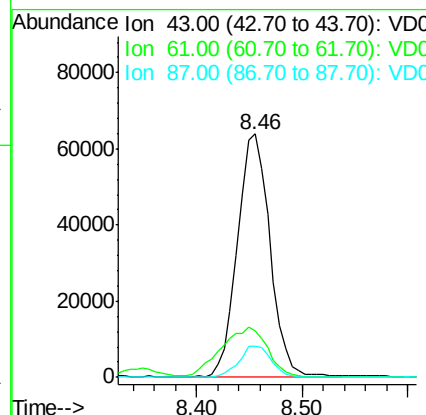
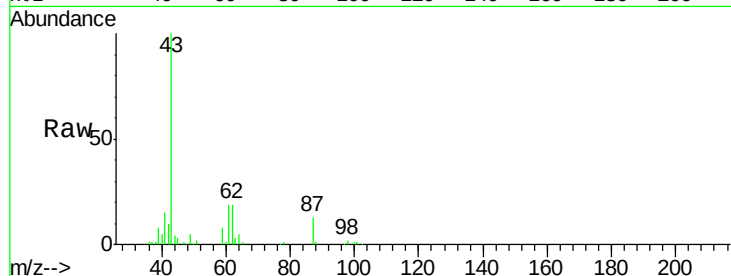
#43
Isopropyl Acetate
Concen: 48.37 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.2	36.4
87	12.8	9.5	14.3

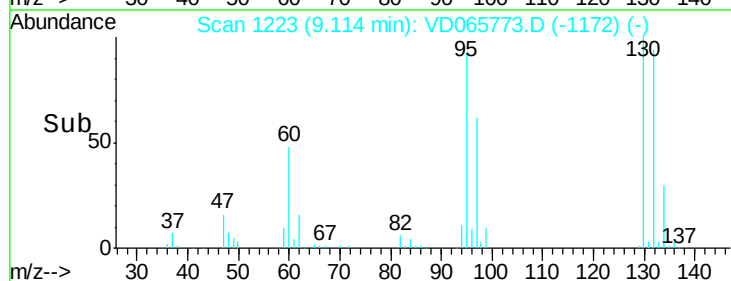
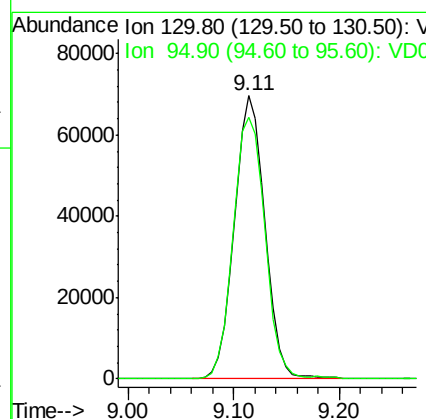
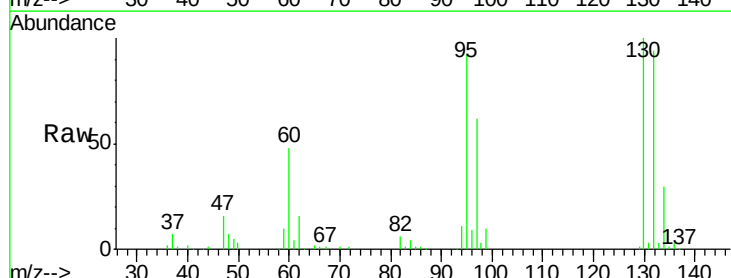
Manual Integrations
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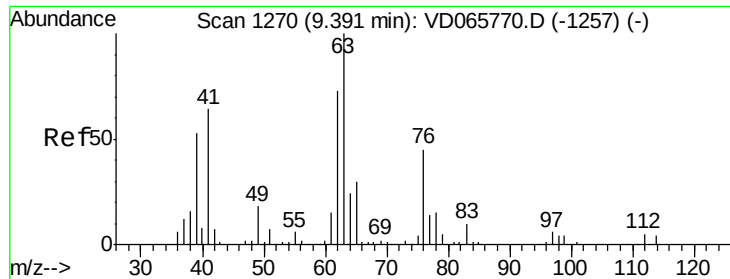
MMDadoda
6/5/2020 4:12:50 PM



#44
Trichloroethene
Concen: 50.53 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	192.8





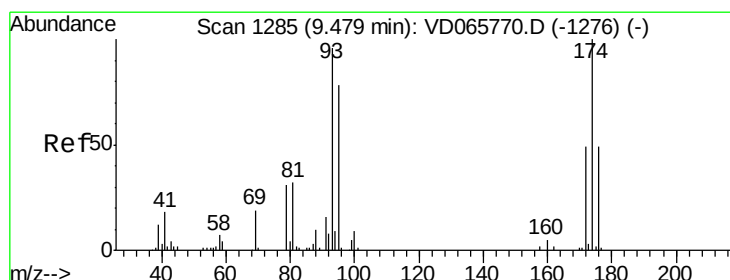
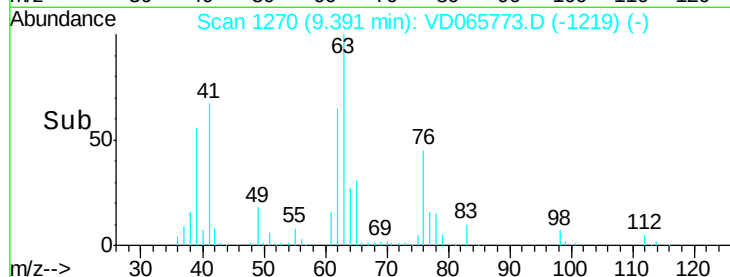
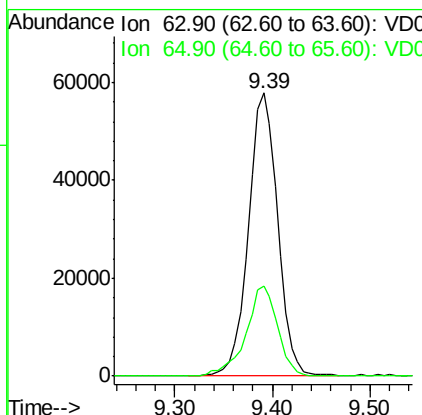
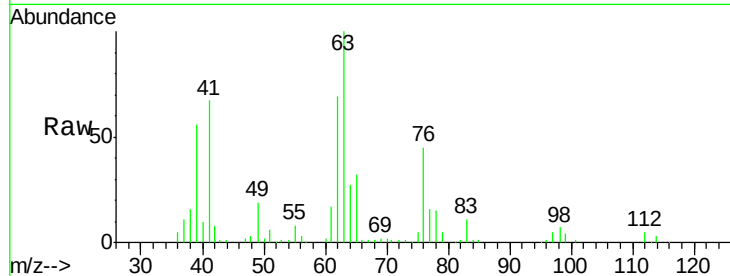
#45
 1,2-Dichloropropane
 Concen: 48.66 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion: 63 Resp: 120944
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.2

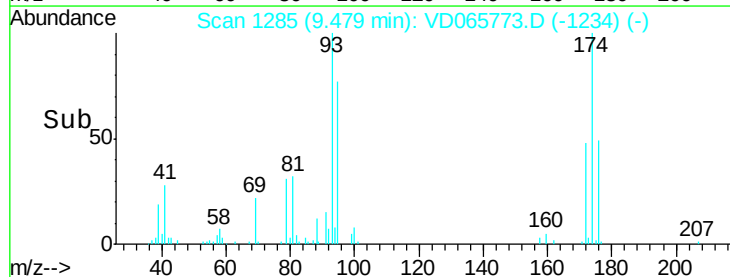
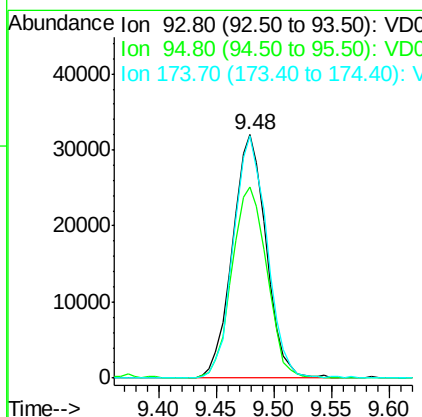
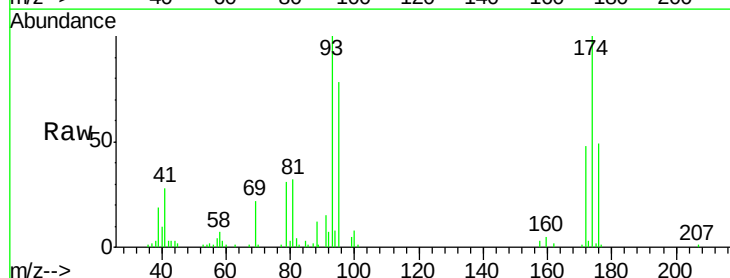
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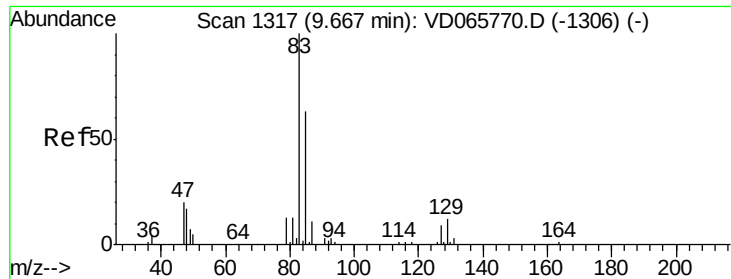
MMDadoda
 6/5/2020 4:12:50 PM



#46
 Dibromomethane
 Concen: 47.91 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 93 Resp: 64580
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.8 98.6
 174 99.1 80.9 121.3





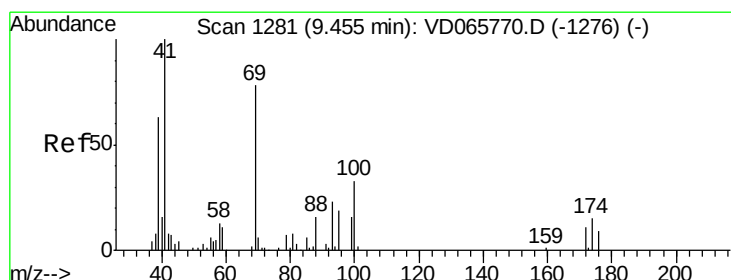
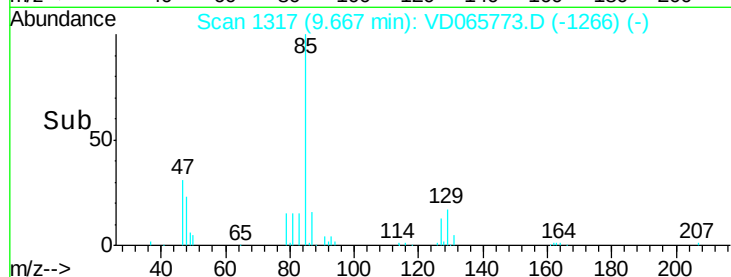
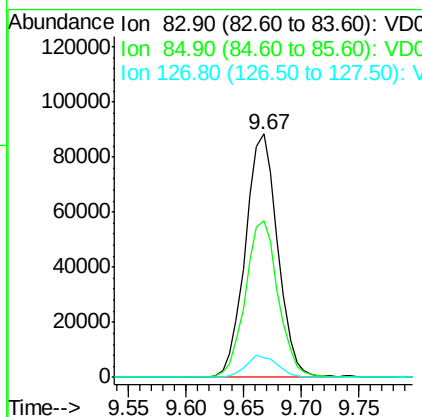
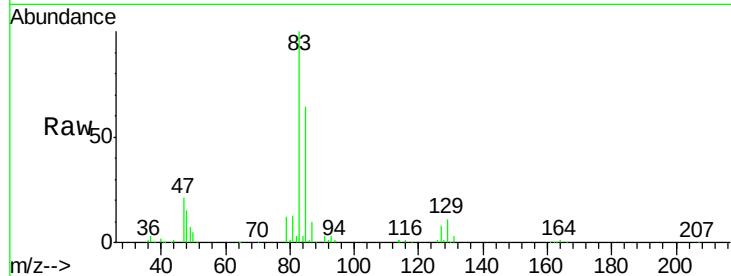
#47
Bromodichloromethane
Concen: 47.70 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1
127	8.1	7.1	10.7

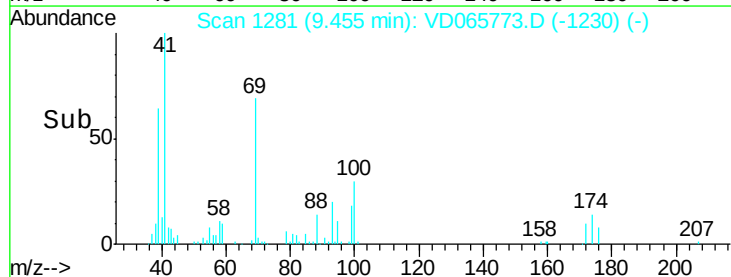
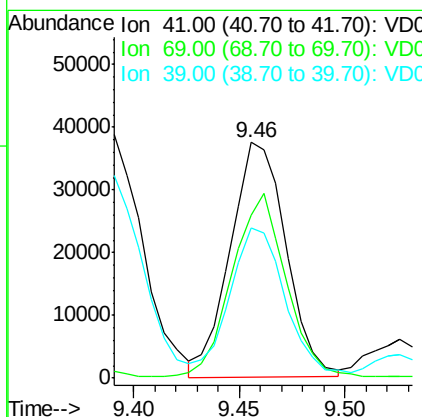
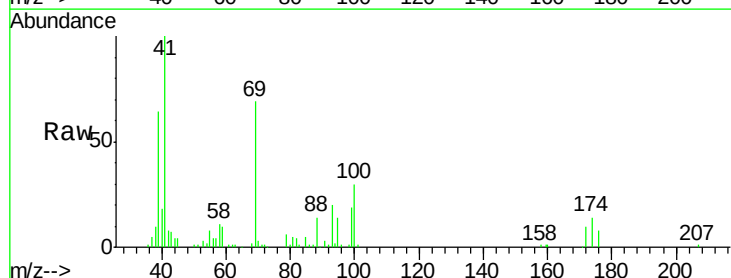
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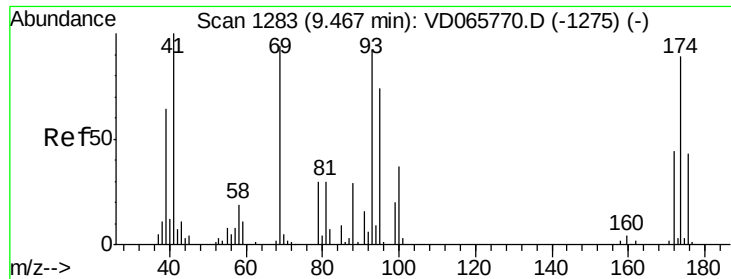
MMDadoda
6/5/2020 4:12:50 PM



#48
Methyl methacrylate
Concen: 50.12 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.2	60.9	91.3
39	59.1	48.1	72.1





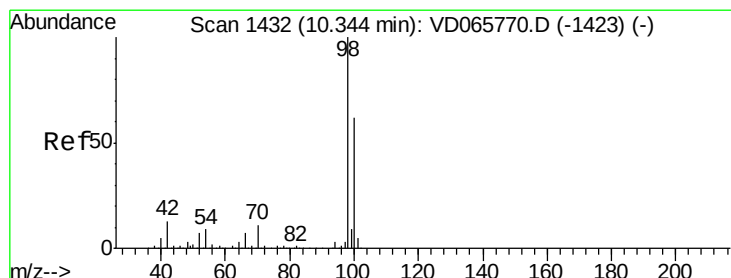
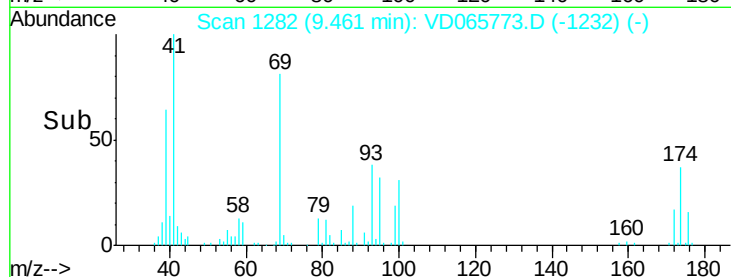
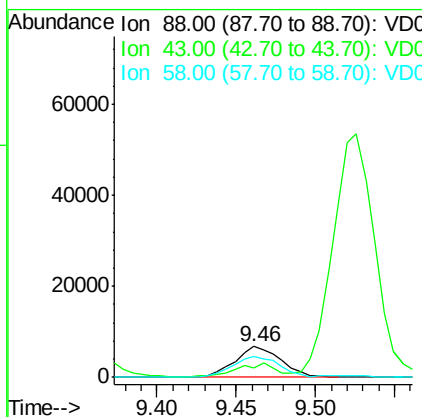
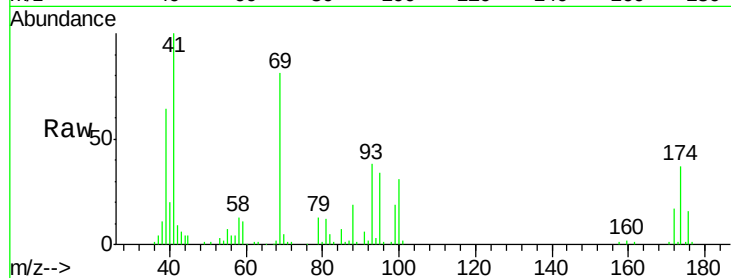
#49
1,4-Dioxane
Concen: 950.27 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.5	32.2	48.4
58	72.3	54.9	82.3

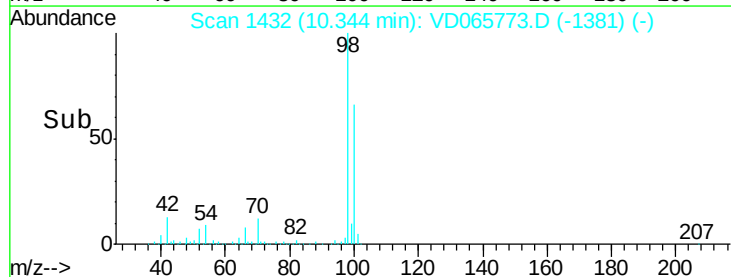
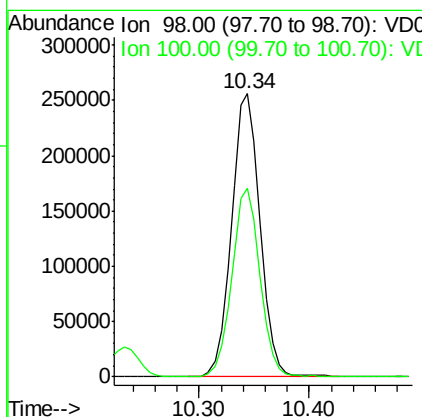
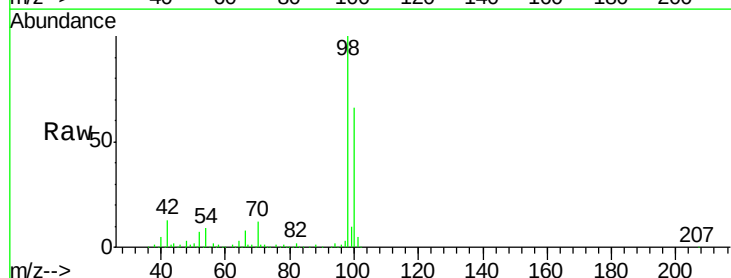
Manual Integrations
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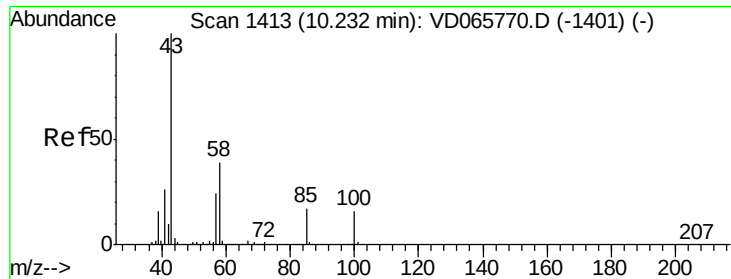
MMDadoda
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#50
Toluene-d8
Concen: 51.95 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.4	77.2





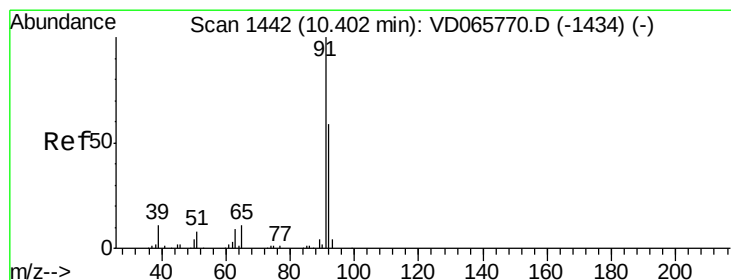
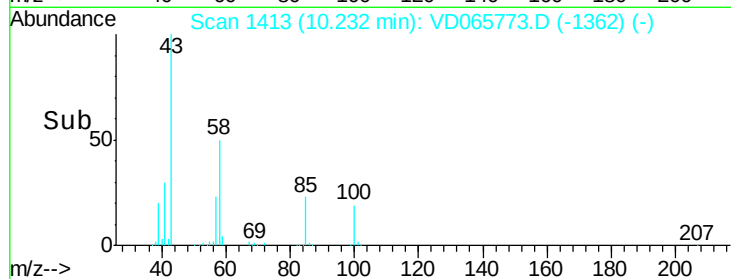
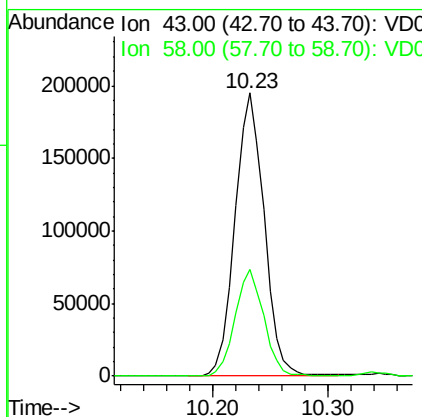
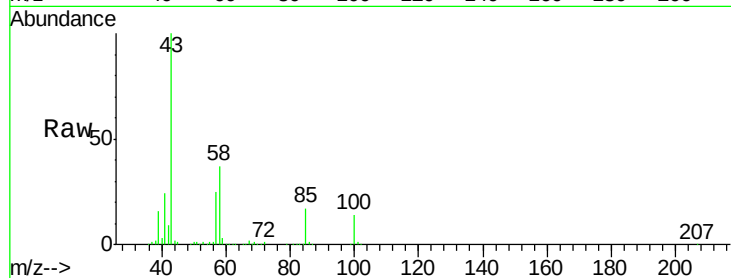
#51
 4-Methyl-2-Pentanone
 Concen: 246.06 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion: 43 Resp: 341680
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.7 46.1

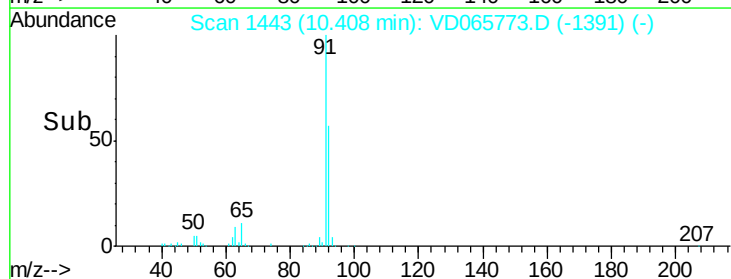
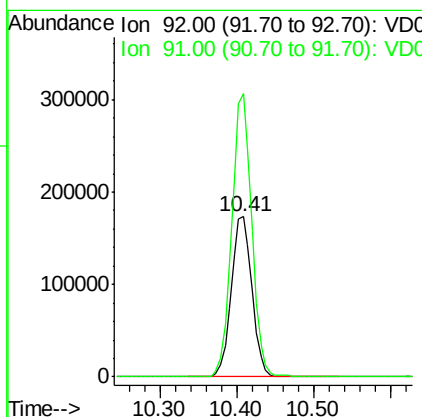
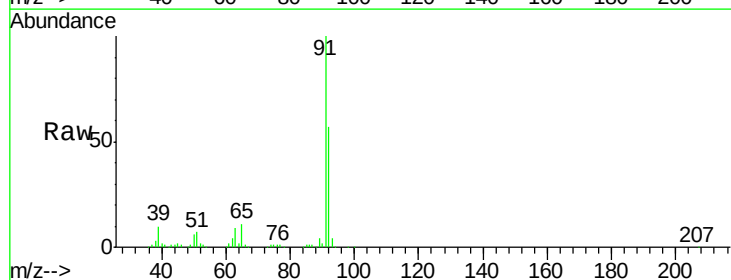
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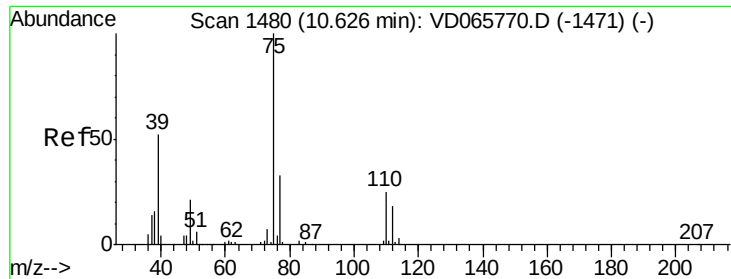
MMDadoda
 6/5/2020 4:12:50 PM



#52
 Toluene
 Concen: 50.60 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 92 Resp: 325199
 Ion Ratio Lower Upper
 92 100
 91 171.0 137.8 206.8





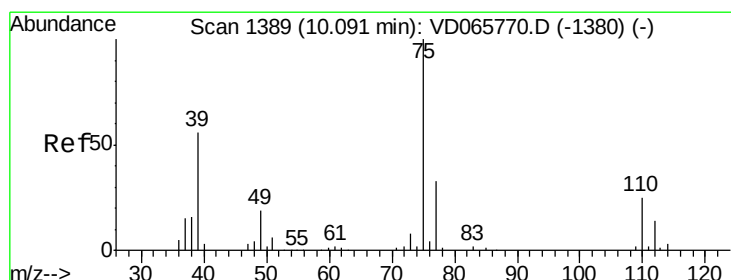
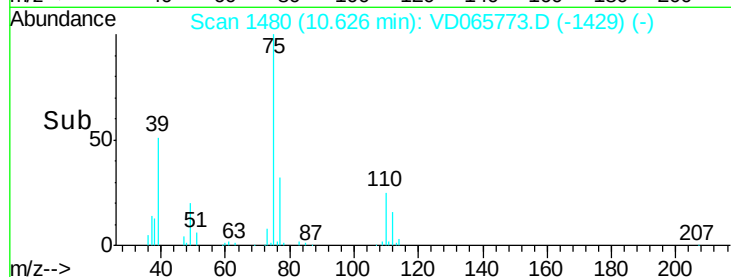
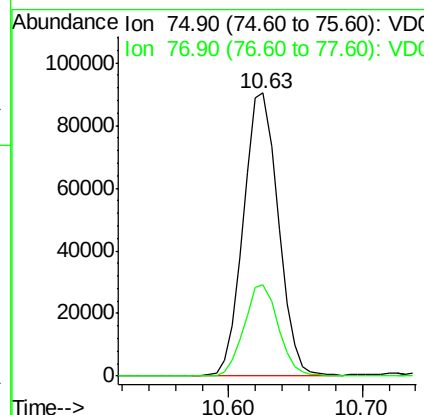
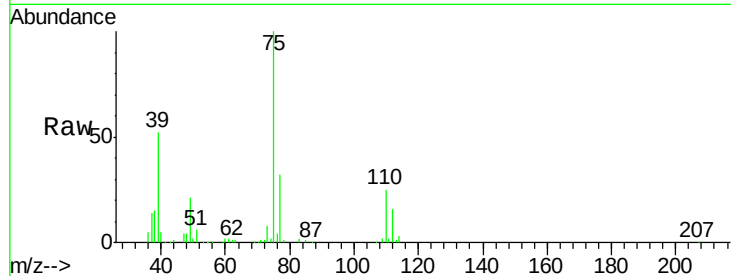
#53
t-1,3-Dichloropropene
Concen: 50.12 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 75 Resp: 163933
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6

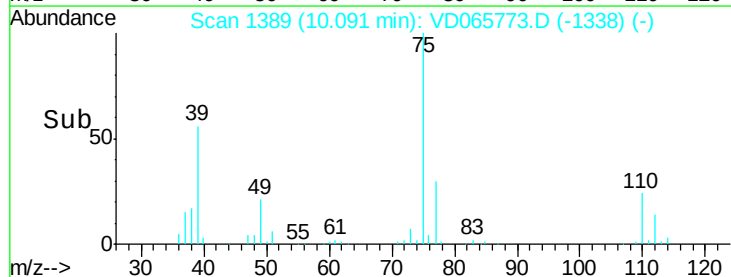
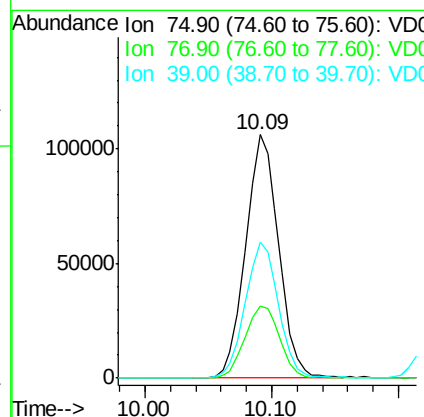
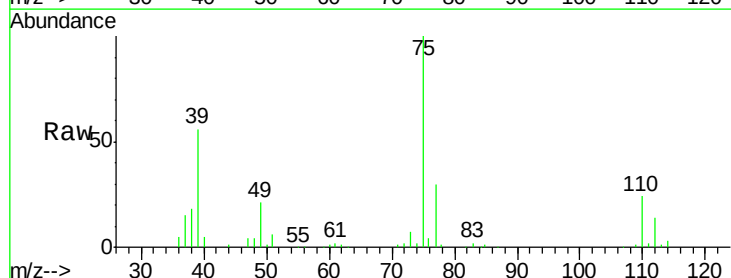
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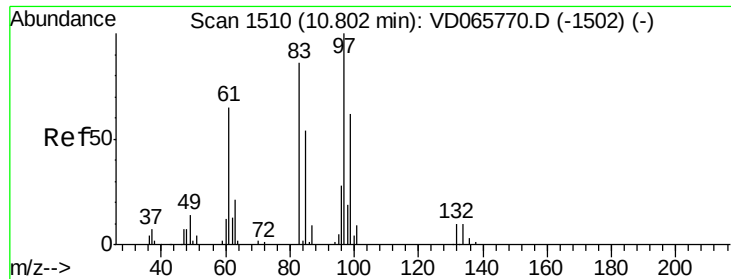
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.65 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 75 Resp: 191802
Ion Ratio Lower Upper
75 100
77 29.8 26.0 39.0
39 55.9 45.0 67.6





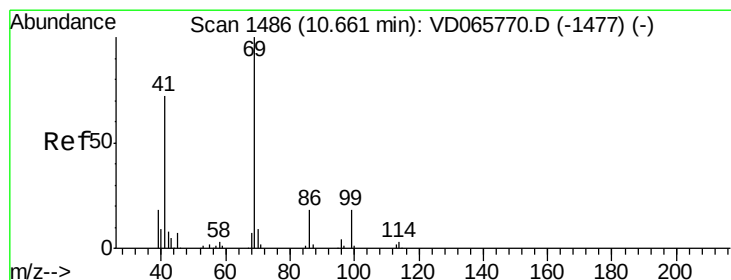
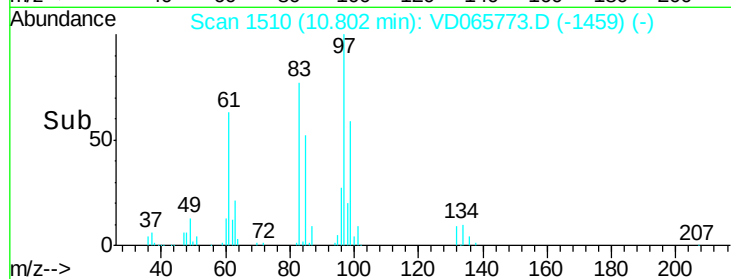
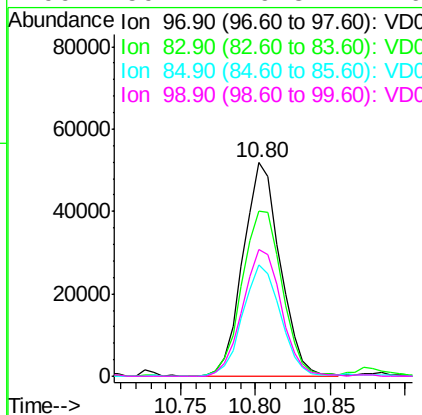
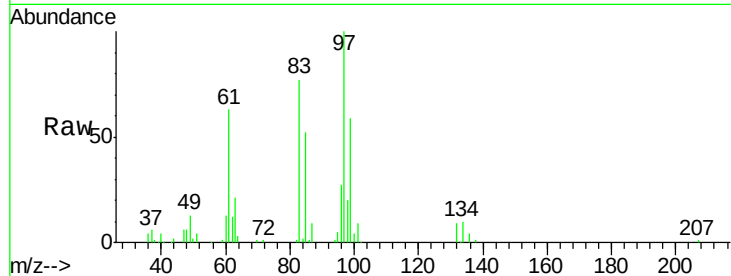
#55
 1,1,2-Trichloroethane
 Concen: 49.70 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.5	68.7	103.1
85	52.4	43.0	64.6
99	59.4	49.8	74.6

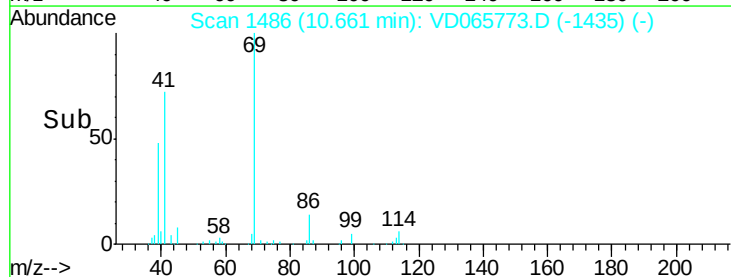
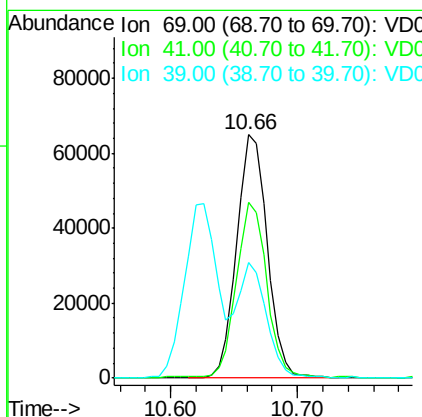
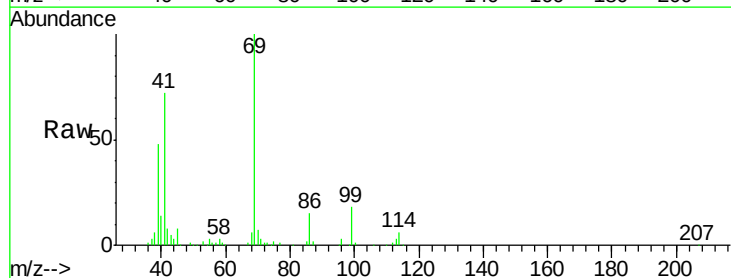
Manual Integrations
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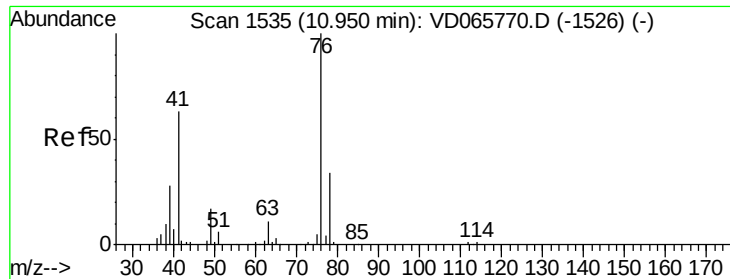
MMDadoda
 6/5/2020 4:12:50 PM



#56
 Ethyl methacrylate
 Concen: 51.54 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.9	85.3
39	46.0	36.0	54.0





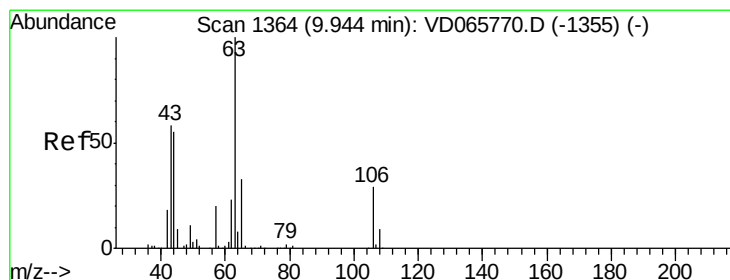
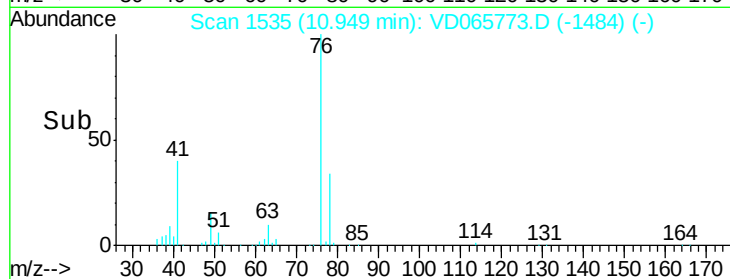
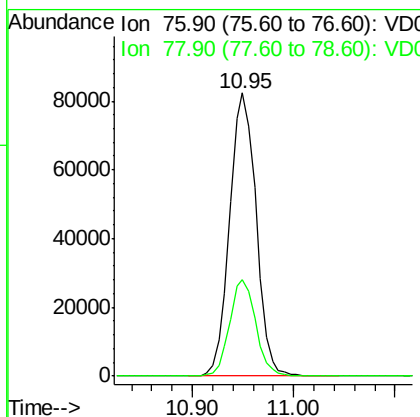
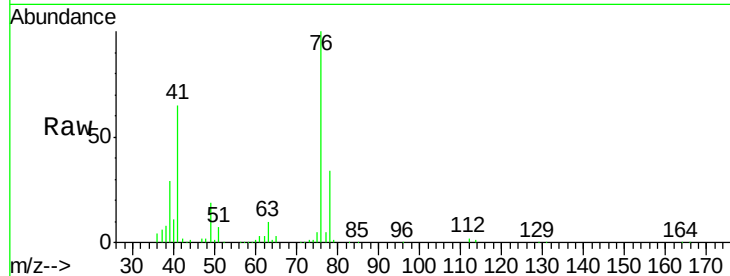
#57
 1,3-Dichloropropane
 Concen: 47.85 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion: 76 Resp: 149311
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.3 39.5

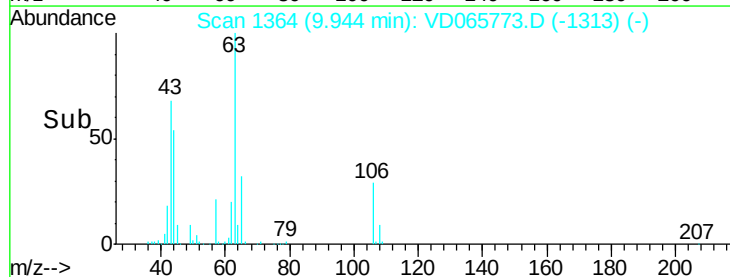
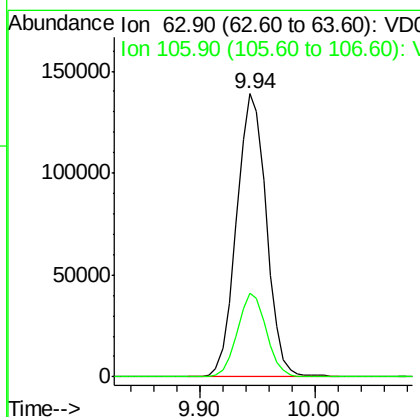
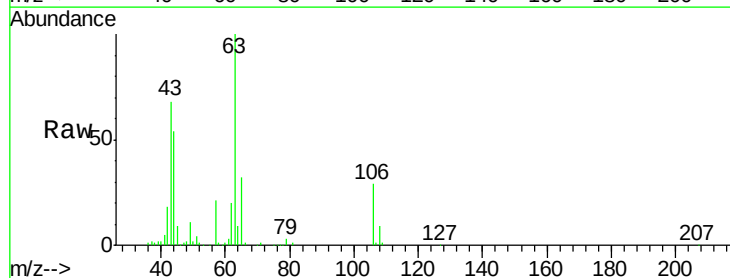
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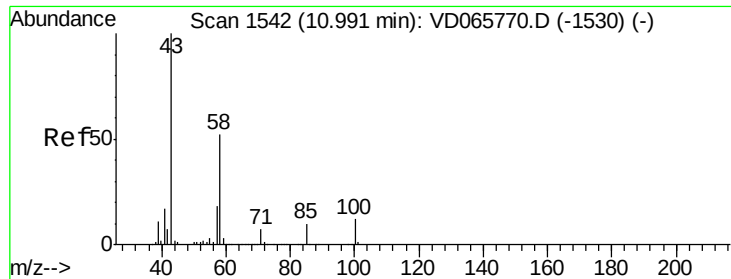
MMDadoda
 6/5/2020 4:12:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.76 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 63 Resp: 248924
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.2 34.8





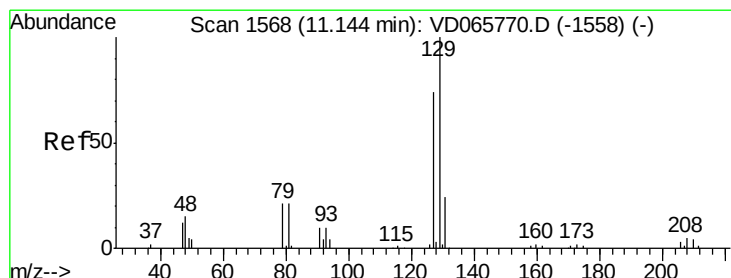
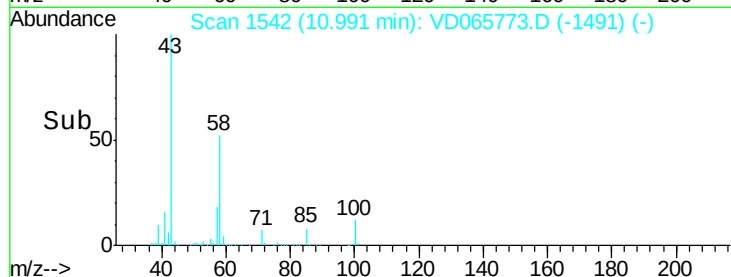
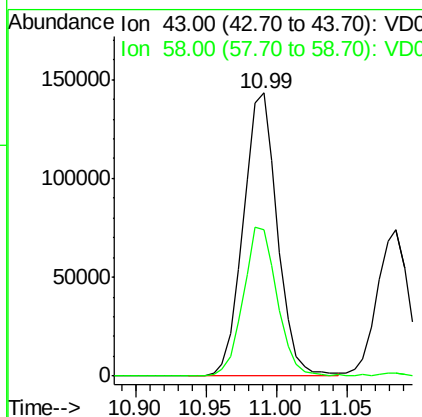
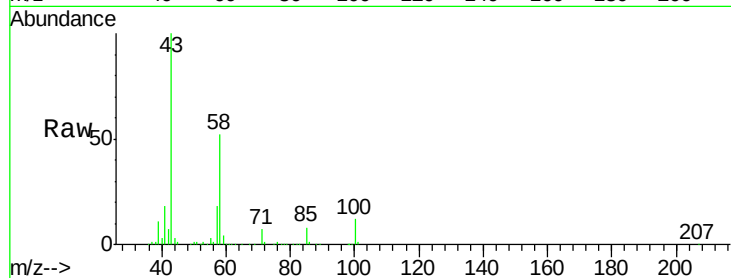
#59
2-Hexanone
Concen: 259.03 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 43 Resp: 242495
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.0

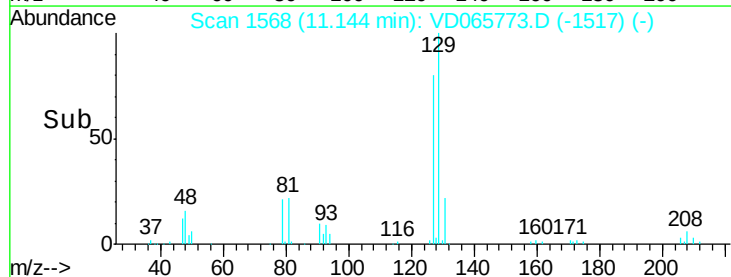
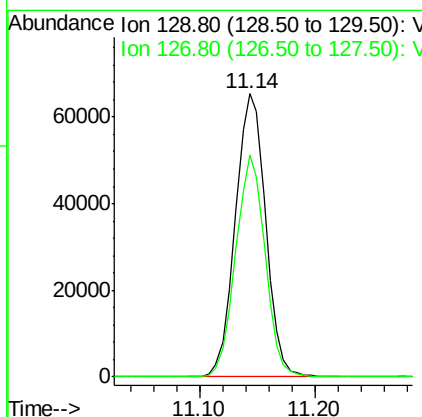
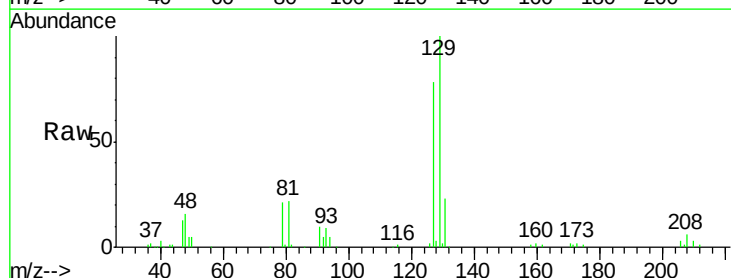
Manual Integrations
APPROVED

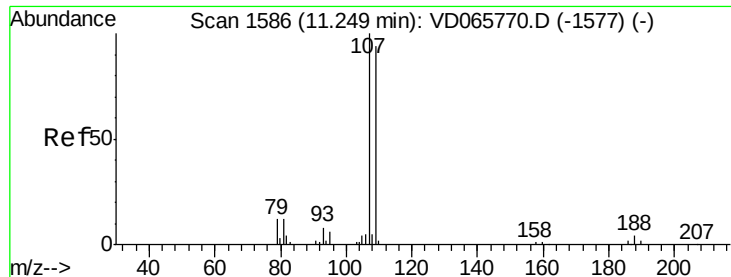
MMDadoda
6/5/2020 4:12:50 PM



#60
Dibromochloromethane
Concen: 48.83 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 129 Resp: 118806
Ion Ratio Lower Upper
129 100
127 76.0 38.0 113.9





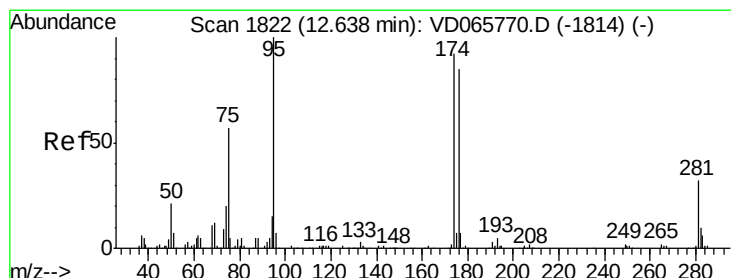
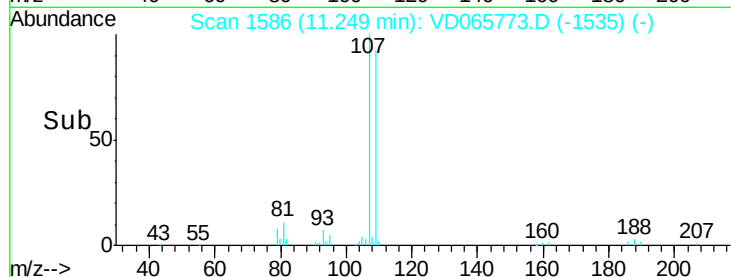
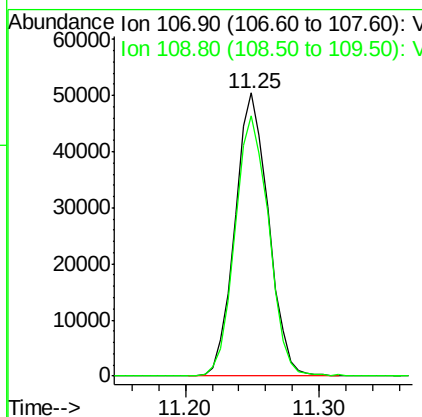
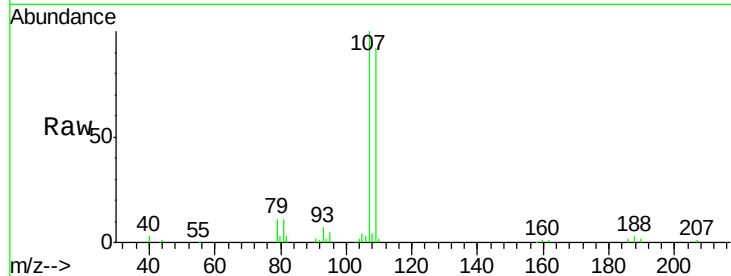
#61
 1,2-Dibromoethane
 Concen: 49.47 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion: 107 Resp: 87558
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.4 111.6

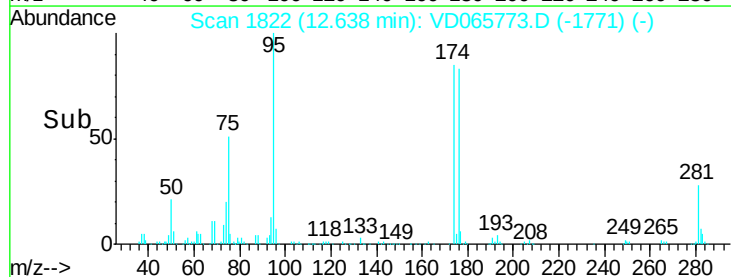
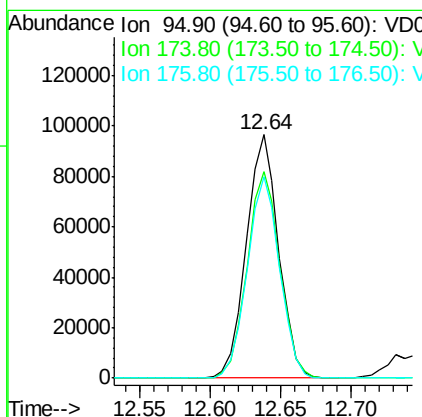
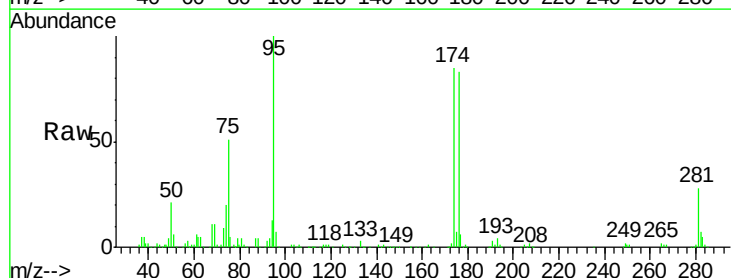
Manual Integrations
 APPROVED

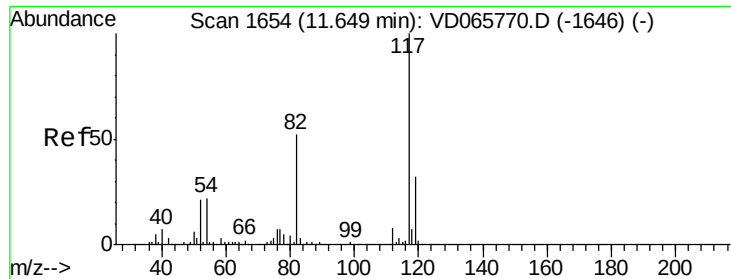
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 51.27 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 95 Resp: 154679
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 175.2
 176 83.0 0.0 163.0





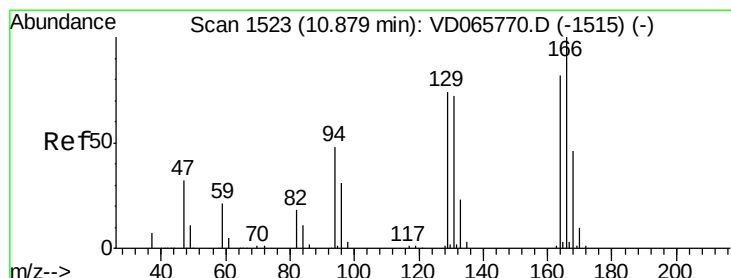
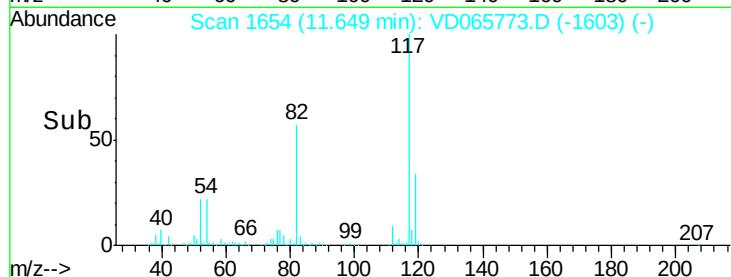
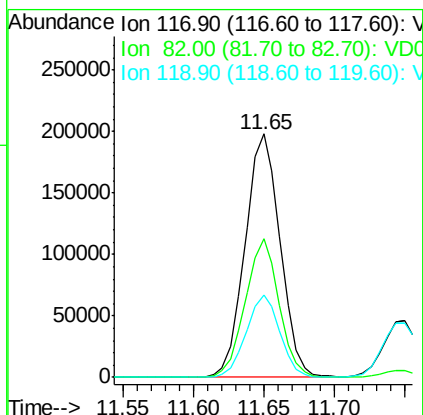
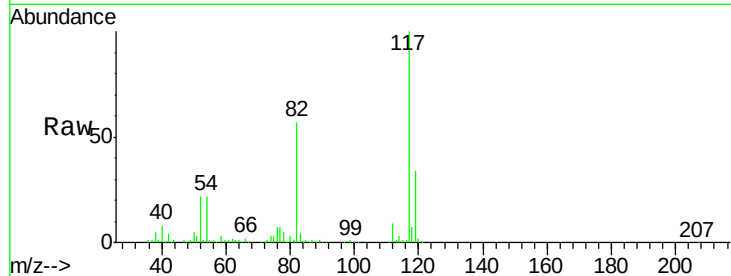
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	344860		
82	56.9	41.9	62.9	
119	33.8	25.3	37.9	

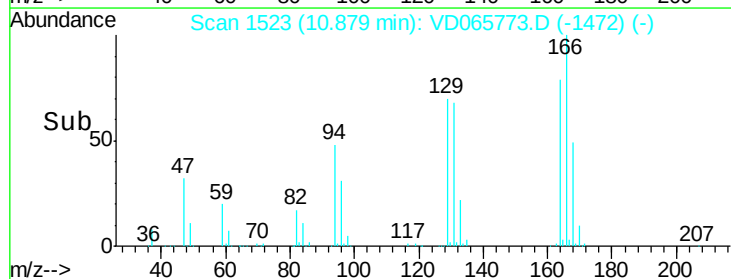
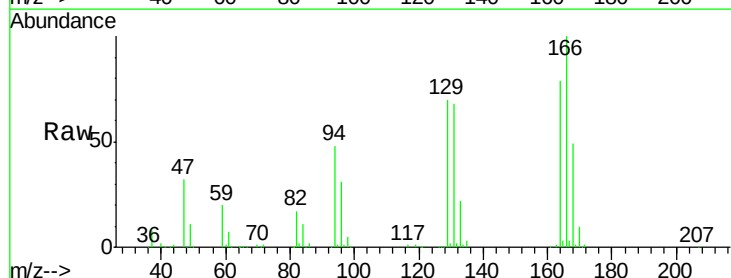
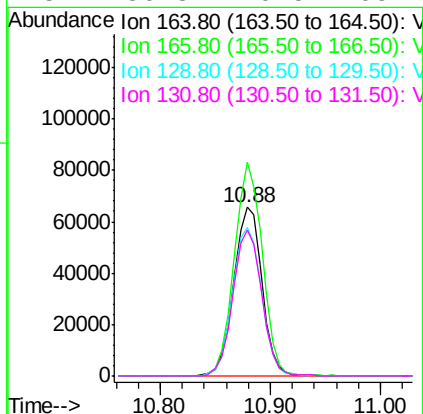
Manual Integrations
APPROVED

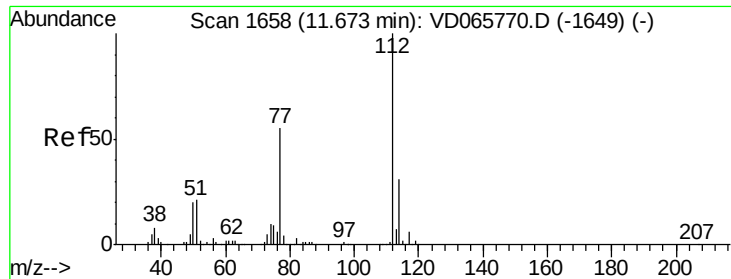
MMDadoda
6/5/2020 4:12:50 PM



#64
Tetrachloroethene
Concen: 50.92 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118735		
166	126.8	98.2	147.2	
129	88.5	72.3	108.5	
131	86.8	70.5	105.7	





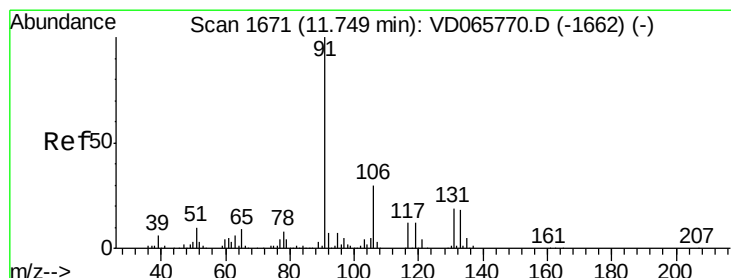
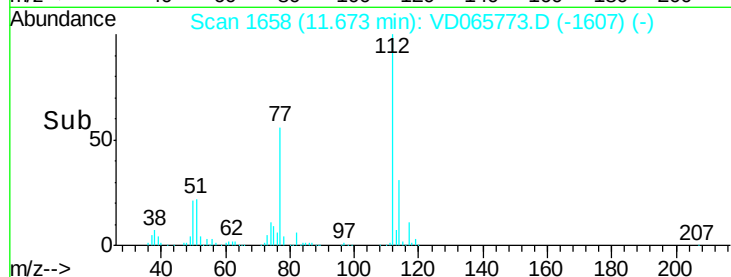
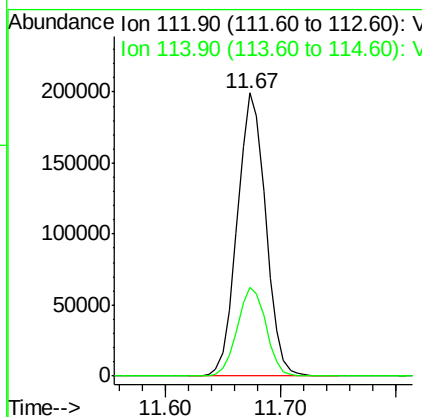
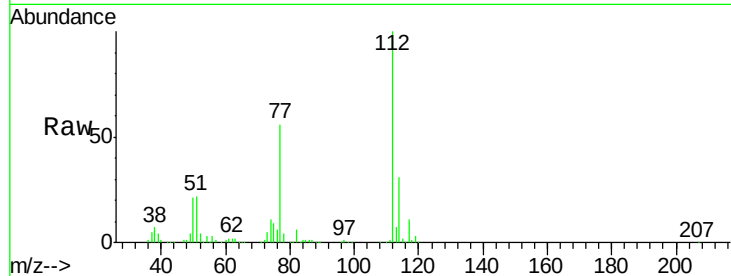
#65
Chlorobenzene
Concen: 50.38 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion:112 Resp: 339203
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1

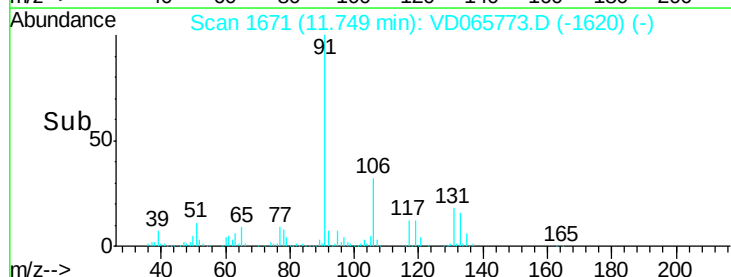
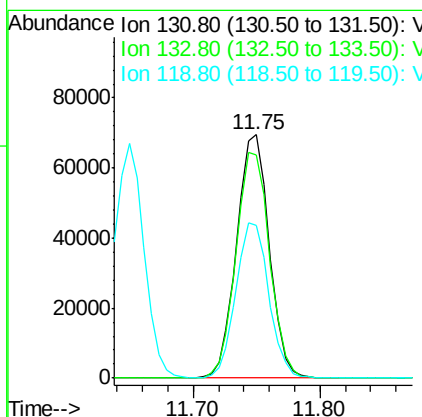
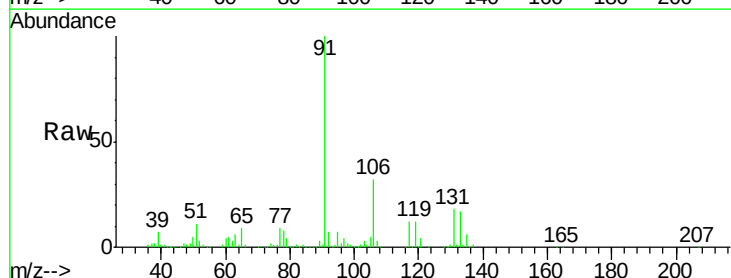
Manual Integrations
APPROVED

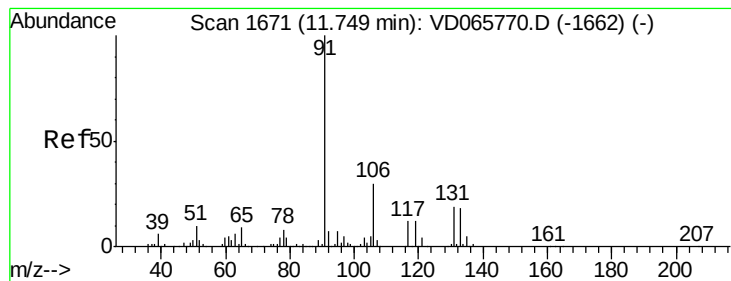
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.51 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion:131 Resp: 124245
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 64.5 31.6 94.8





#67

Ethyl Benzene

Concen: 51.52 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 91 Resp: 619679

Ion Ratio Lower Upper

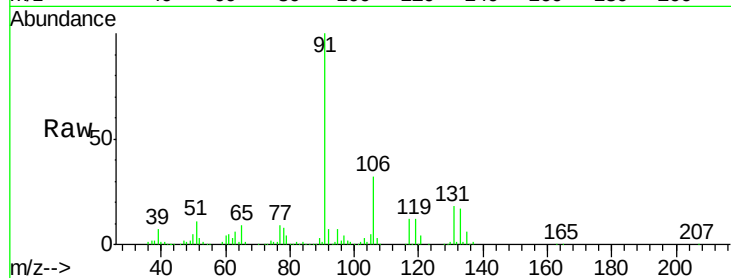
91 100

106 31.6 24.1 36.1

Manual Integrations
APPROVED

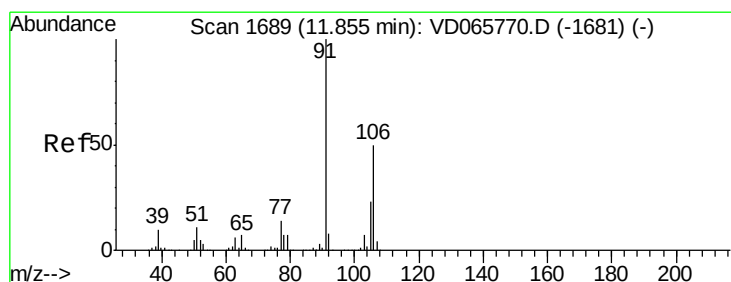
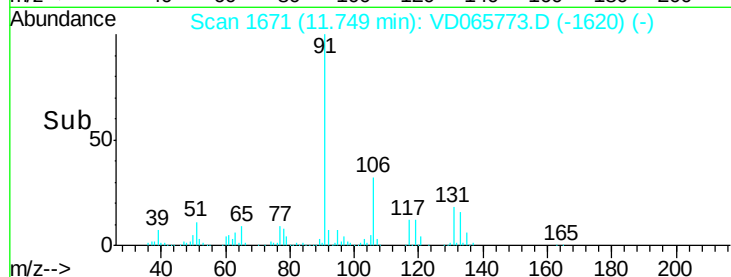
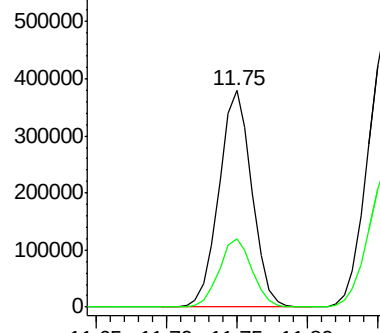
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.11 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065773.D

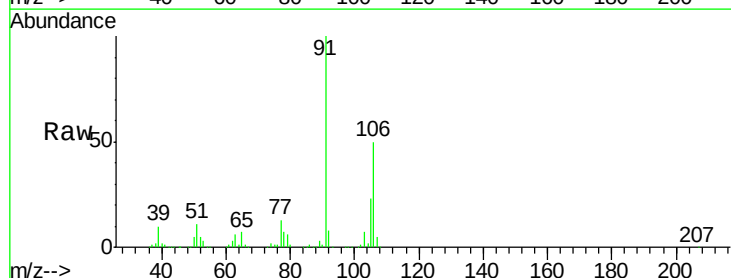
Acq: 05 Jun 2020 13:40

Tgt Ion: 106 Resp: 477692

Ion Ratio Lower Upper

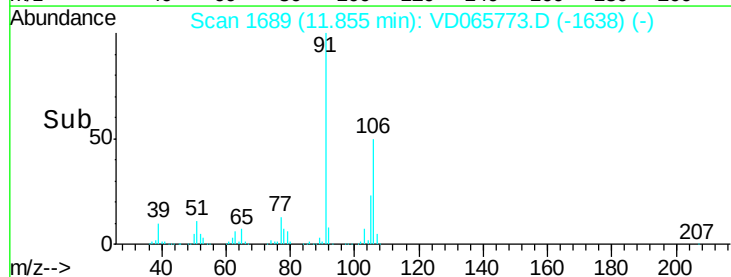
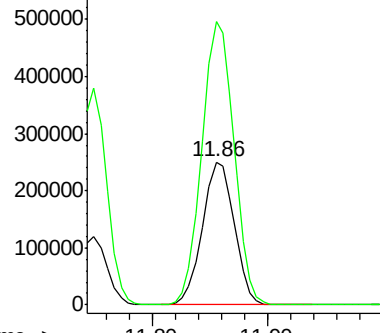
106 100

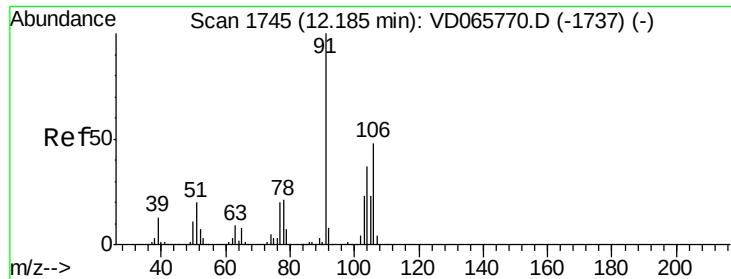
91 200.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





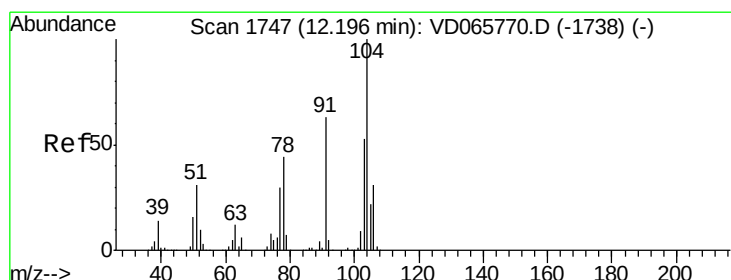
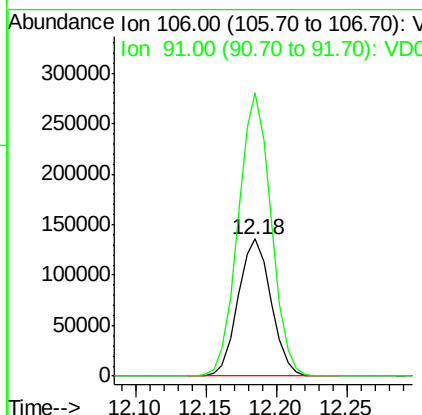
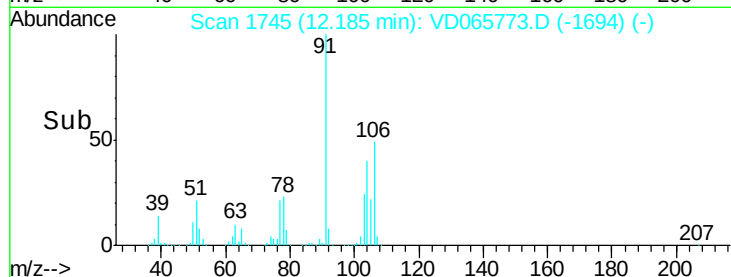
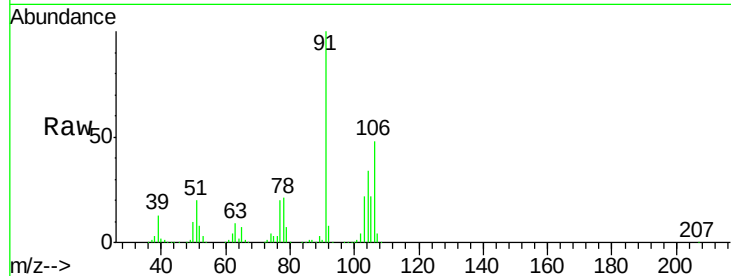
#69
o-Xylene
Concen: 53.10 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion:106 Resp: 221782
Ion Ratio Lower Upper
106 100
91 205.5 105.3 315.8

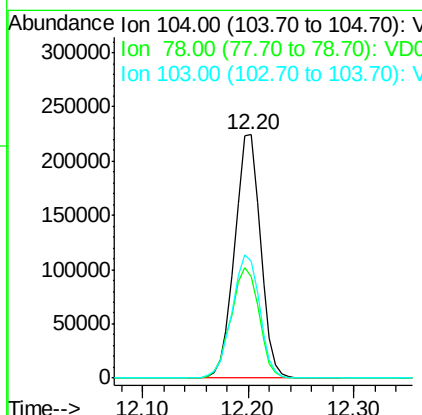
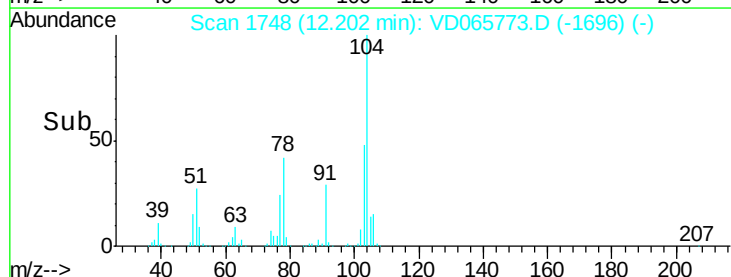
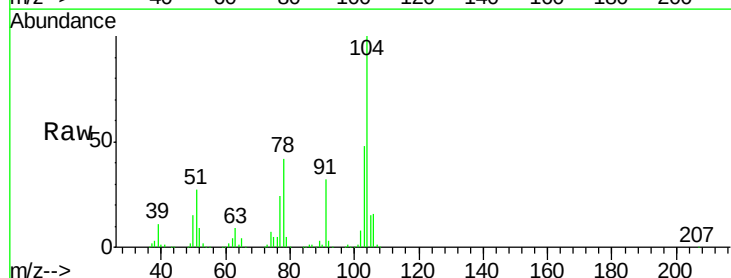
Manual Integrations
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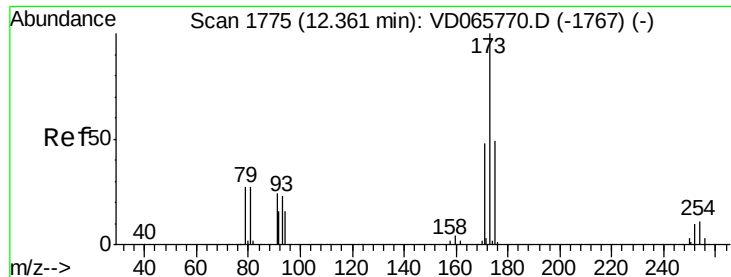
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#70
Styrene
Concen: 52.39 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion:104 Resp: 378826
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 54.5 43.9 65.9





#71

Bromoform

Concen: 50.05 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

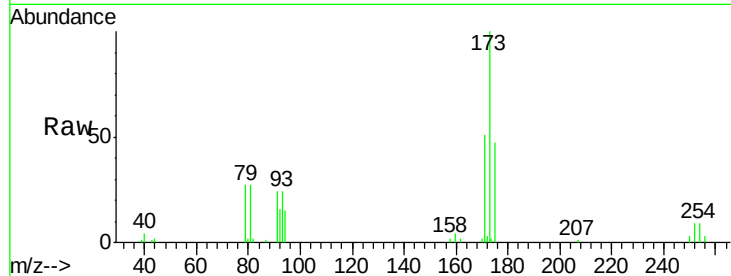
ClientSampleId :

ICVVD060520

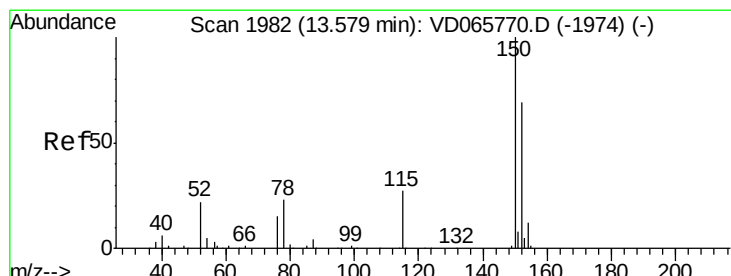
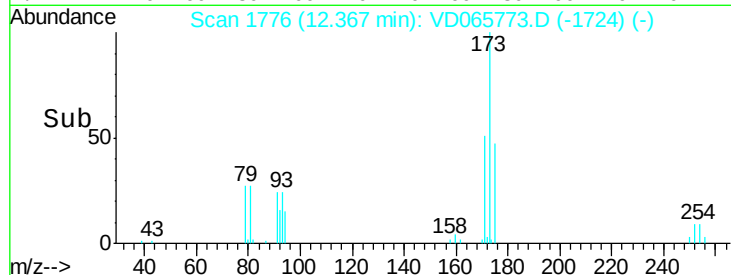
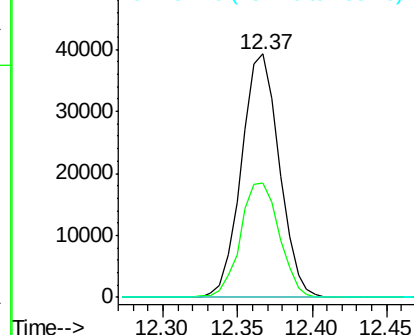
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.8	74.4
254	0.0	0.0	0.0

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: 50.00 ug/l

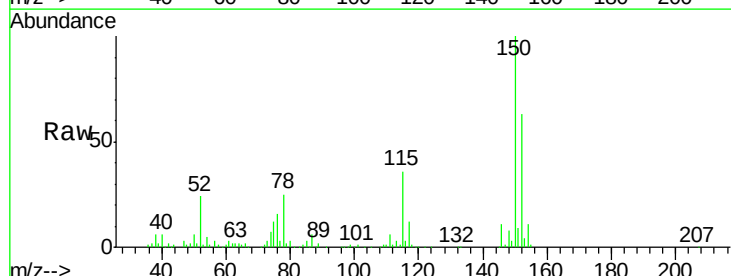
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

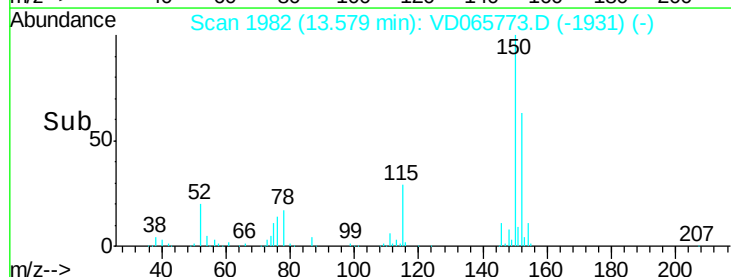
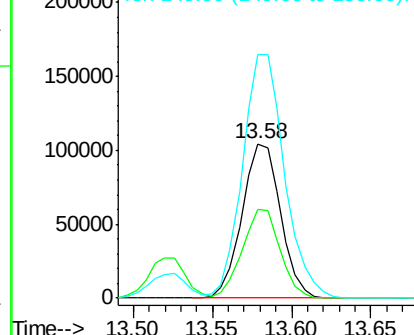
Lab File: VD065773.D

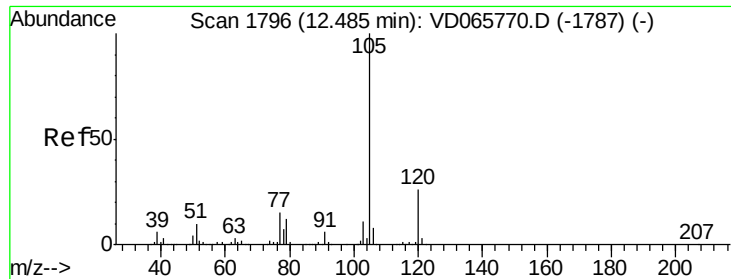
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.7	86.1
150	172.0	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: 51.61 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 105 Resp: 609522

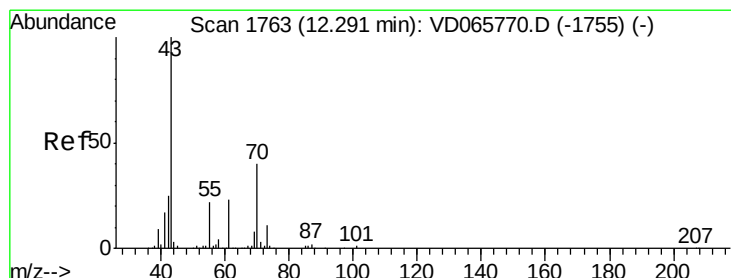
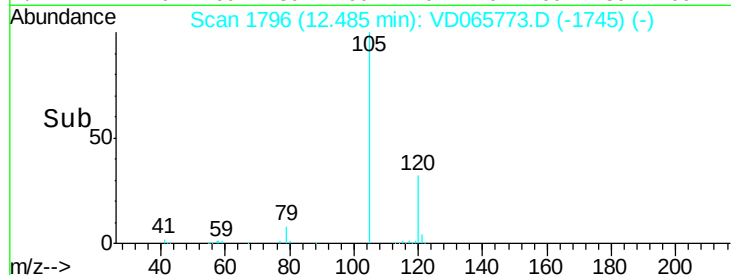
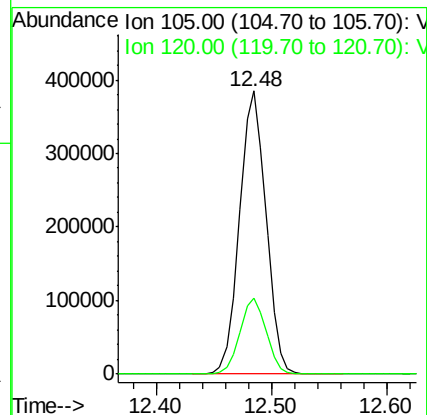
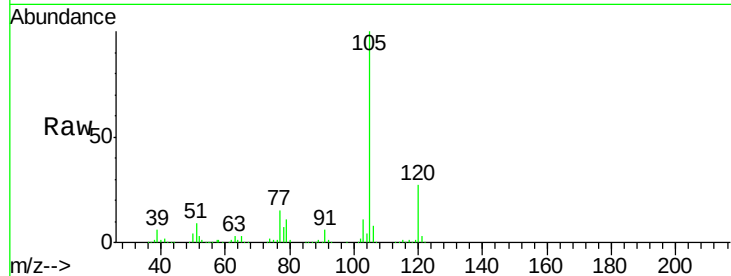
Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.05 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion: 43 Resp: 131499

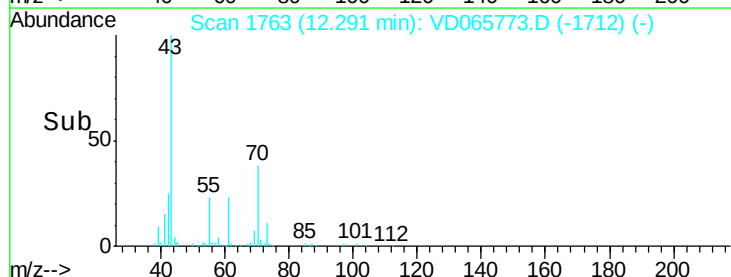
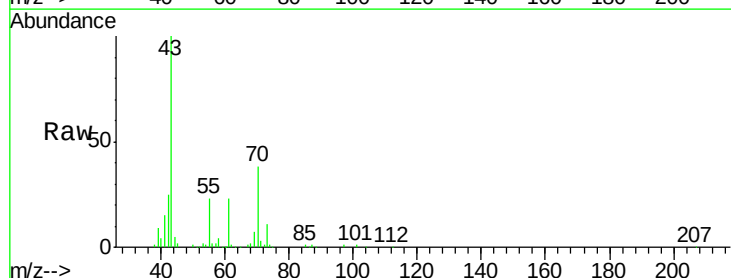
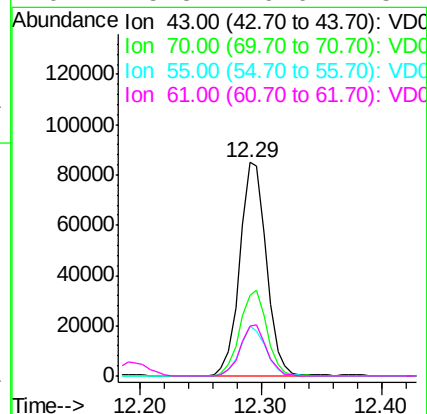
Ion Ratio Lower Upper

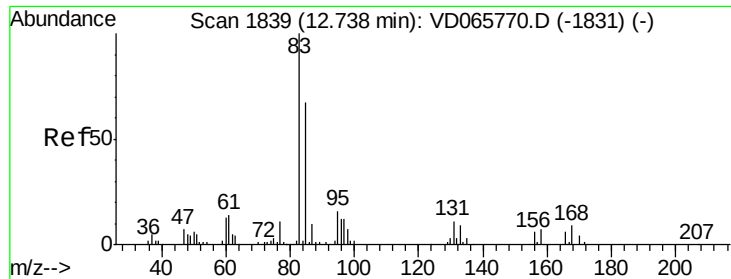
43 100

70 40.4 32.3 48.5

55 22.9 19.0 28.4

61 23.3 19.0 28.4





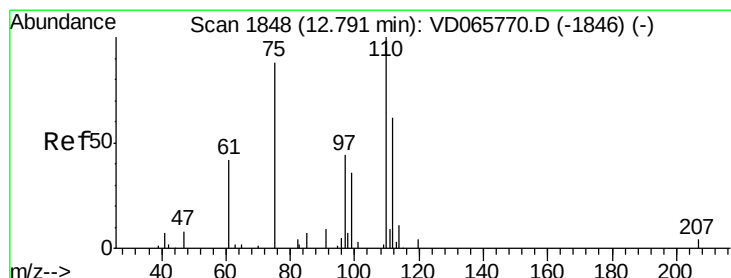
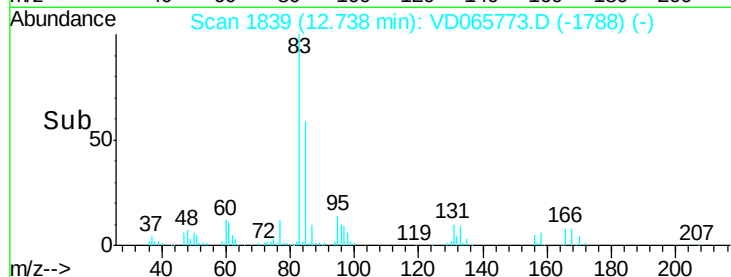
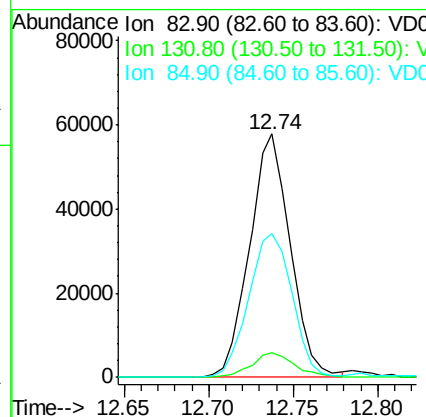
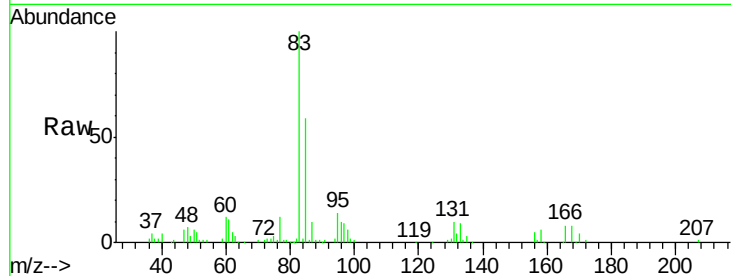
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.71 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	62.8	32.5	97.5

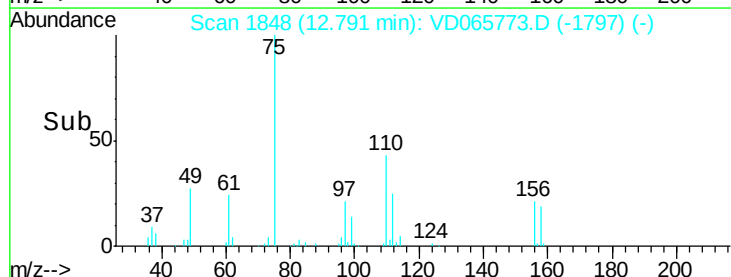
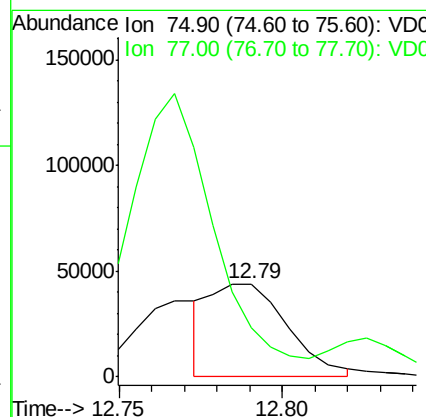
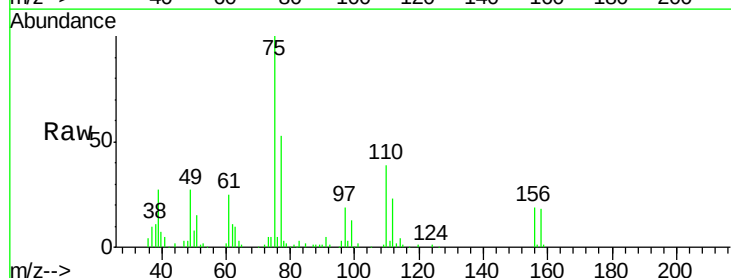
Manual Integrations
 APPROVED

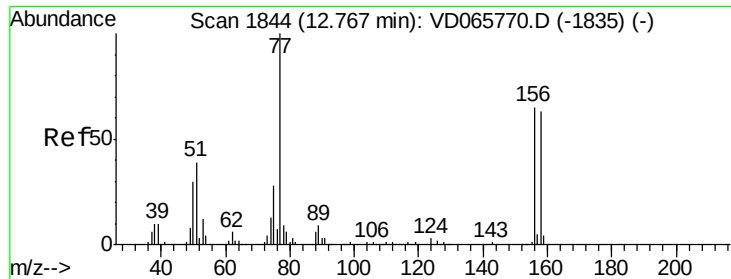
MMDadoda
 6/5/2020 4:12:50 PM



#76
 1,2,3-Trichloropropane
 Concen: 53.08 ug/l m
 RT: 12.79 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.83 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

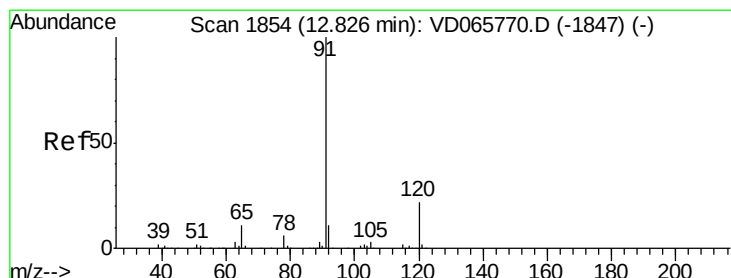
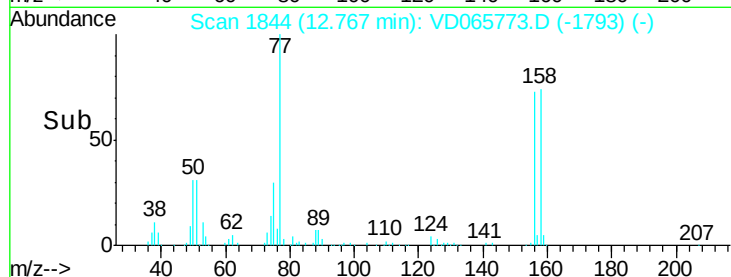
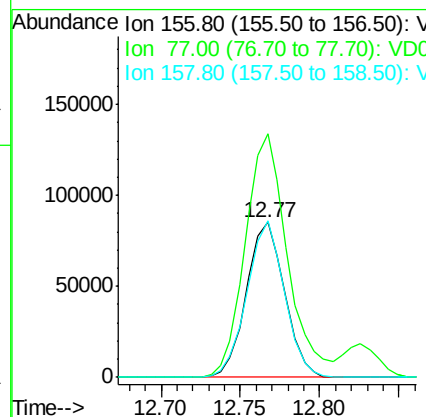
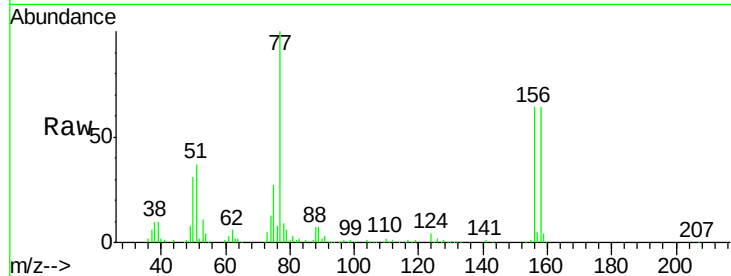
ClientSampleId :

ICVVD060520

Tgt Ion	Ratio	Lower	Upper
156	100		
77	174.2	87.3	261.8
158	99.1	48.0	144.0

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#78

n-propylbenzene

Concen: 51.43 ug/l

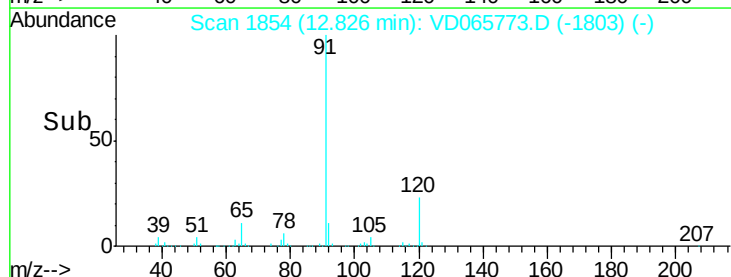
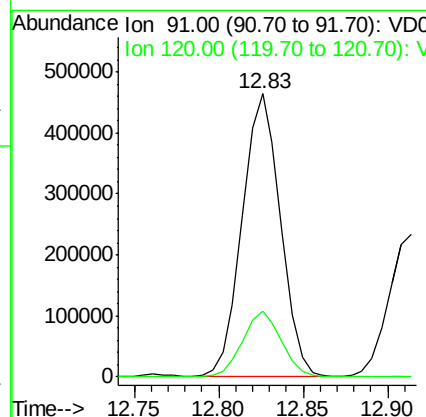
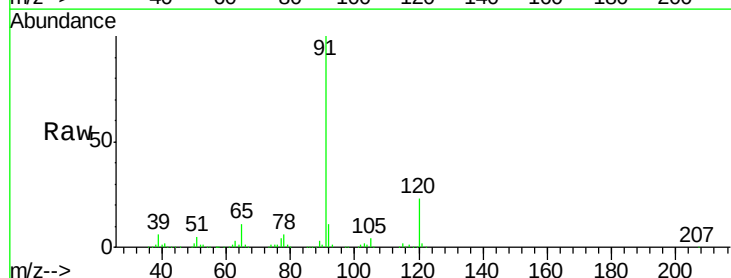
RT: 12.83 min Scan# 1854

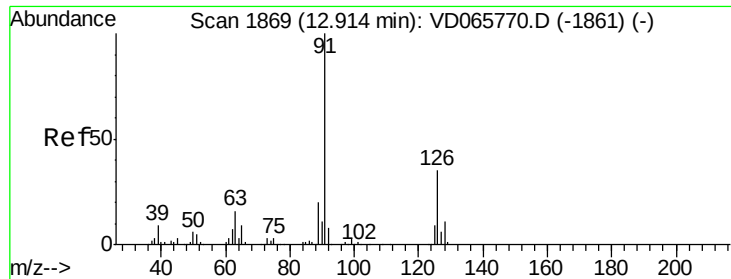
Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 50.64 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 91 Resp: 394911

Ion Ratio Lower Upper

91 100

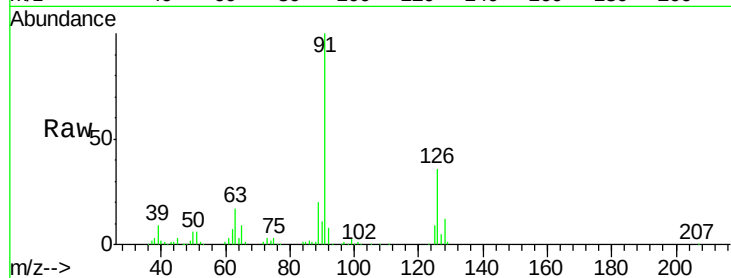
126 34.9 17.5 52.6

Manual Integrations

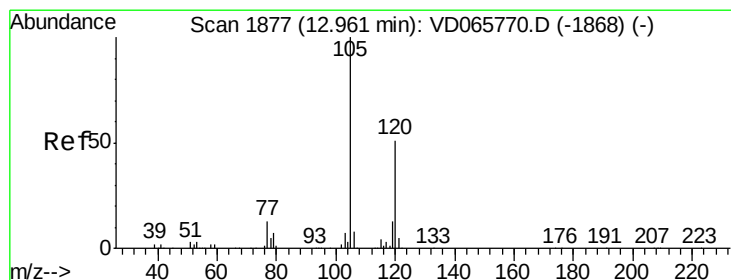
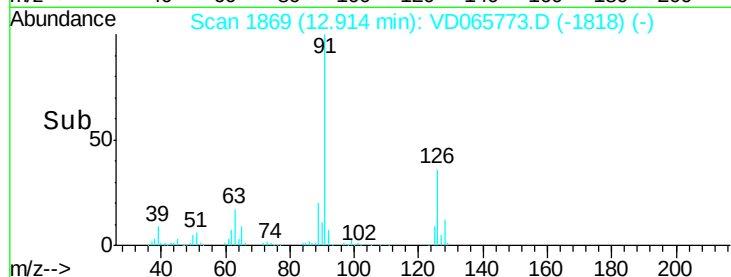
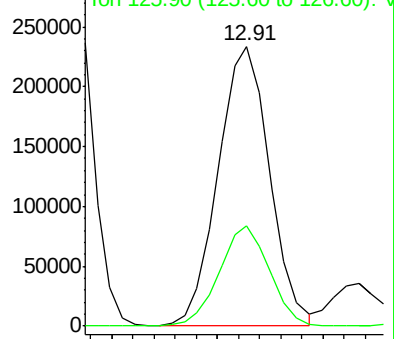
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Abundance Ion 91.00 (90.70 to 91.70): VD065773.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.12 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065773.D

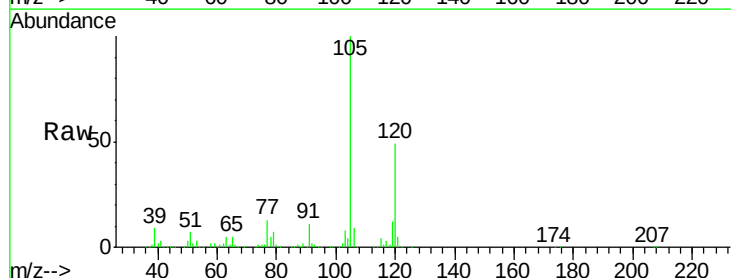
Acq: 05 Jun 2020 13:40

Tgt Ion: 105 Resp: 512233

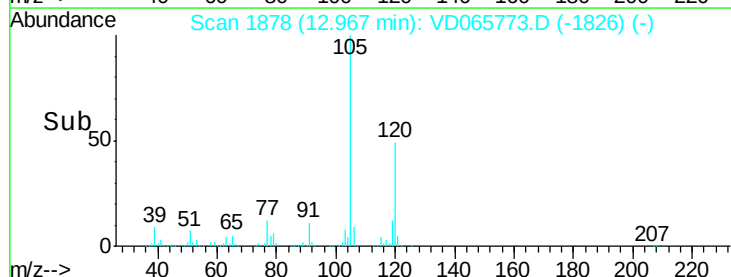
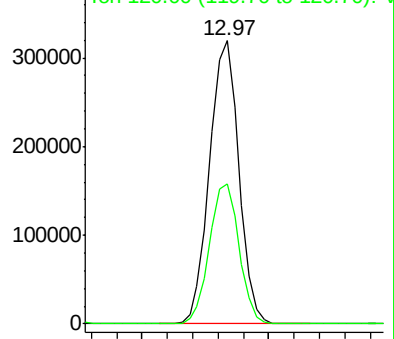
Ion Ratio Lower Upper

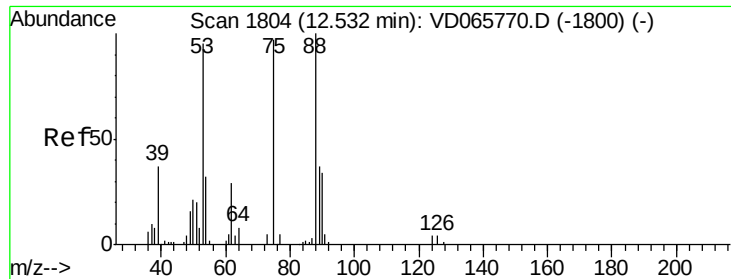
105 100

120 49.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065773.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.64 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 75 Resp: 32107

Ion Ratio Lower Upper

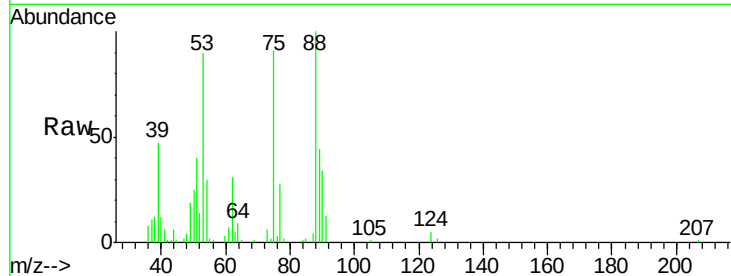
75 100

53 97.8 82.6 123.8

89 46.5 35.9 53.9

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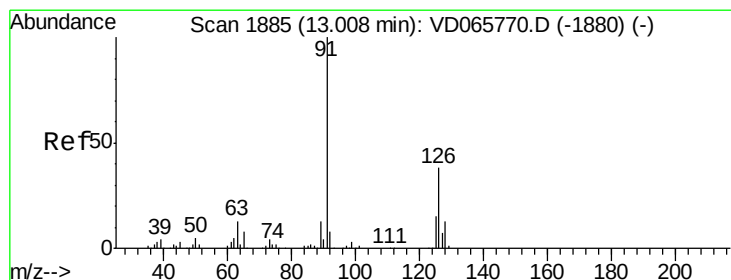
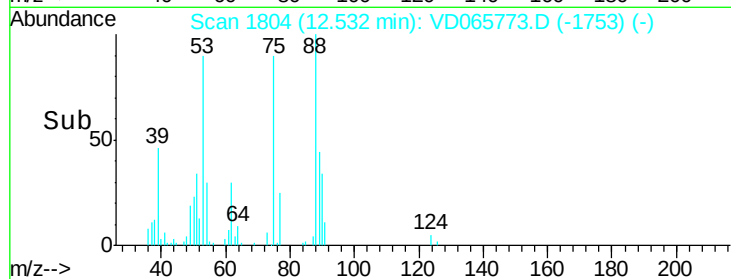
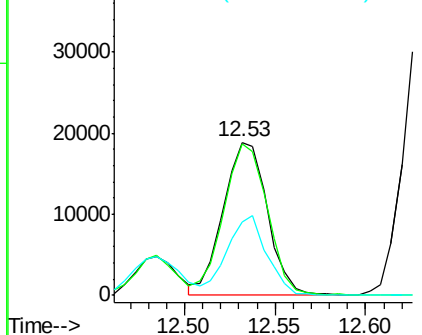
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Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.73 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065773.D

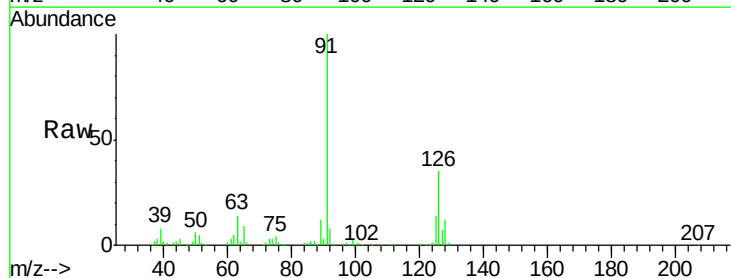
Acq: 05 Jun 2020 13:40

Tgt Ion: 91 Resp: 424692

Ion Ratio Lower Upper

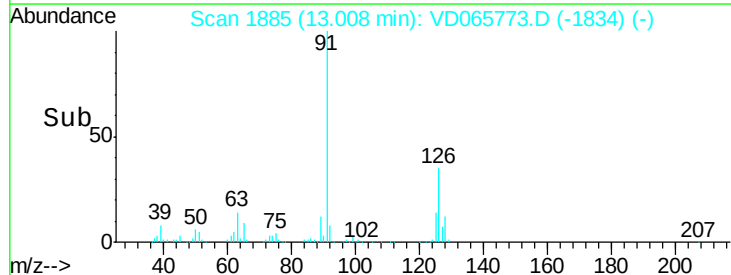
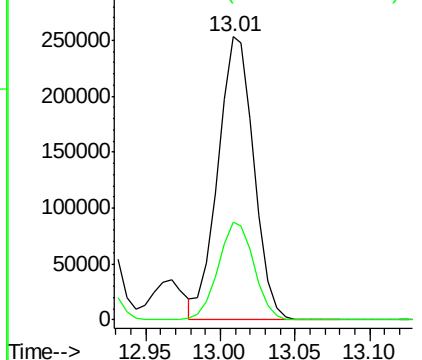
91 100

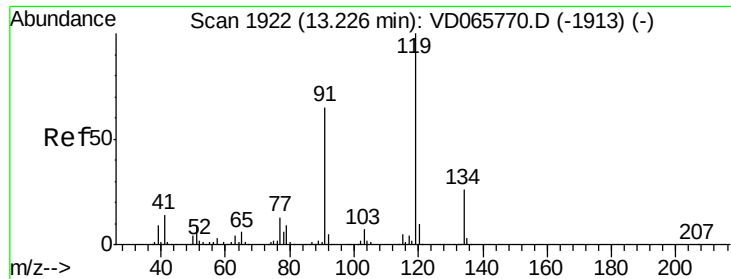
126 34.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





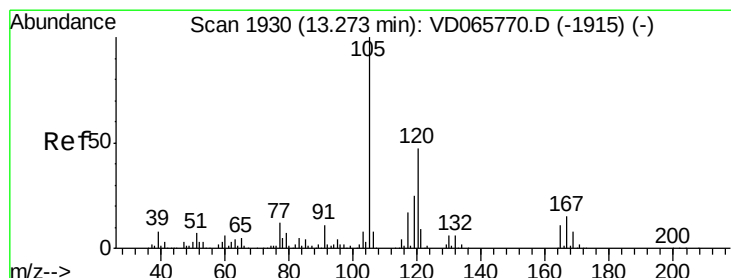
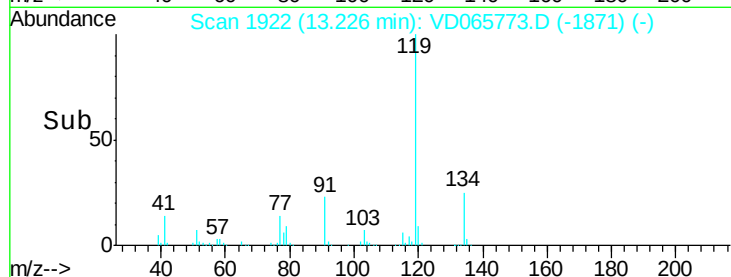
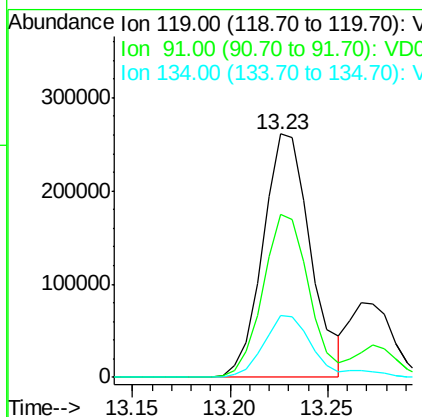
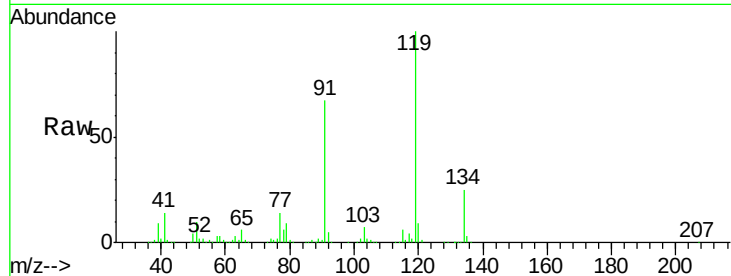
#83
 tert-Butylbenzene
 Concen: 51.83 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.0	96.0
134	27.0	13.8	41.4

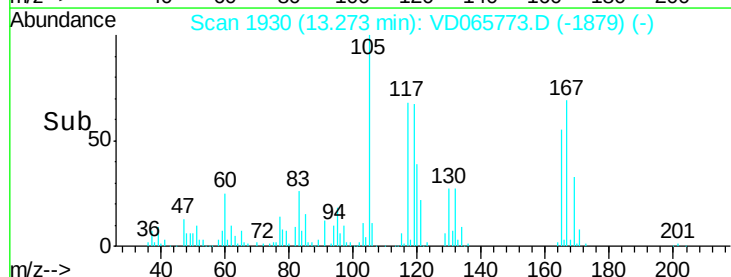
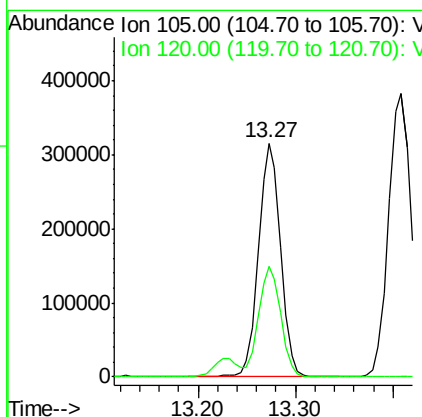
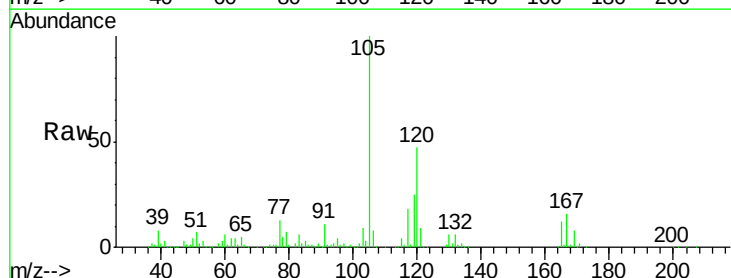
Manual Integrations
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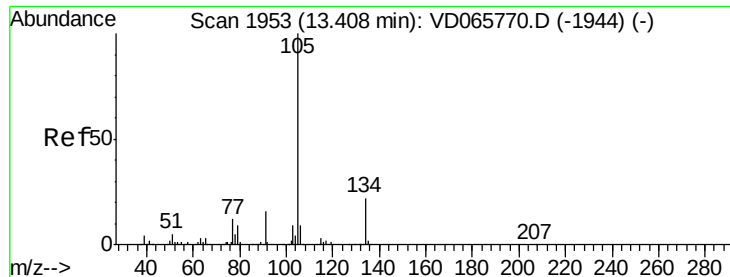
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.13 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.3	69.8





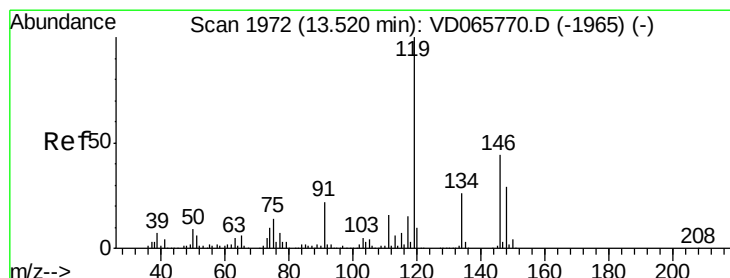
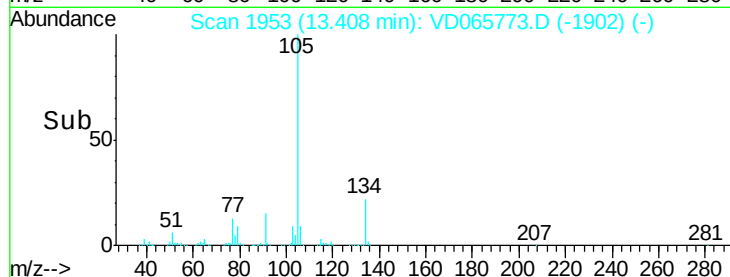
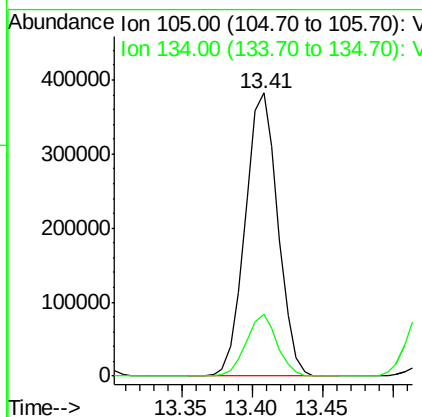
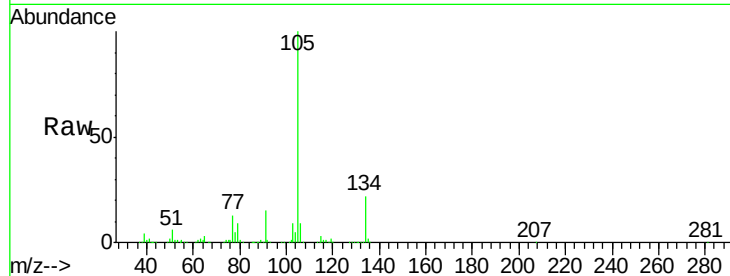
#85
 sec-Butylbenzene
 Concen: 52.23 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion:105 Resp: 619828
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4

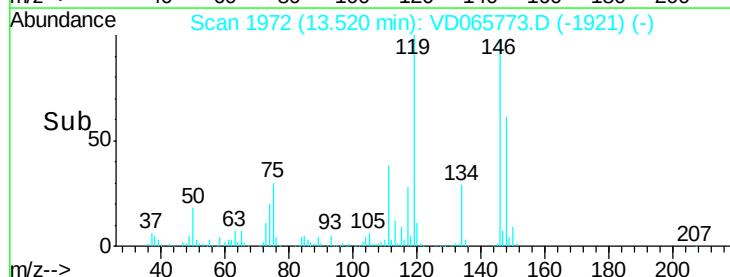
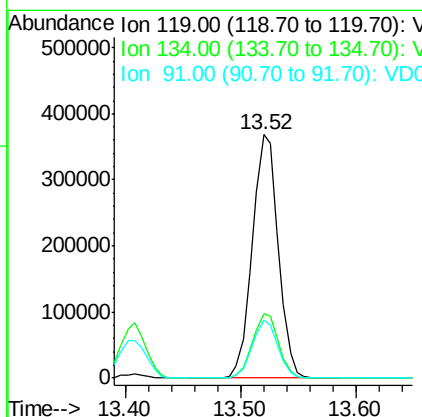
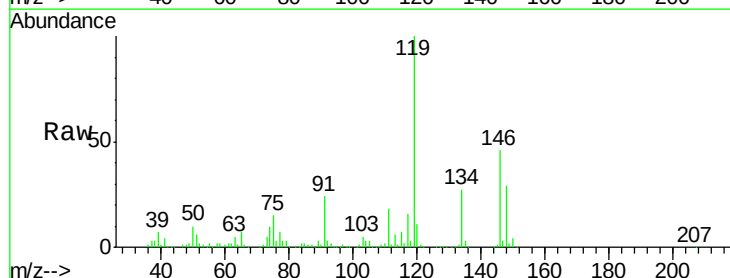
Manual Integrations
 APPROVED

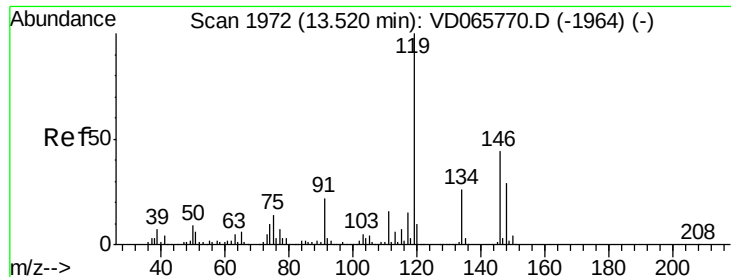
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#86
 p-Isopropyltoluene
 Concen: 52.96 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion:119 Resp: 576091
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.5 11.8 35.4





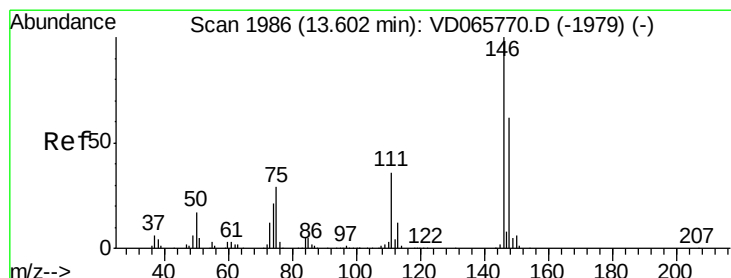
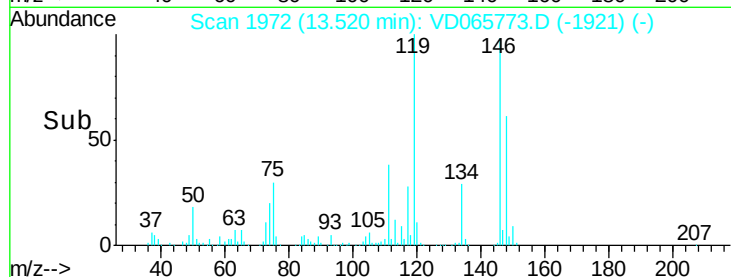
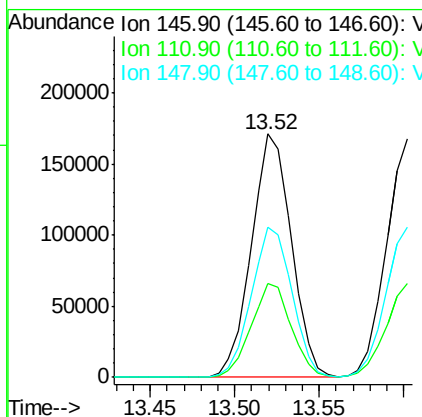
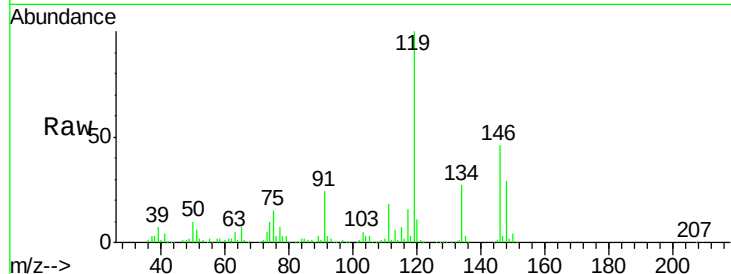
#87
1,3-Dichlorobenzene
Concen: 50.97 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	62.5	32.1	96.3

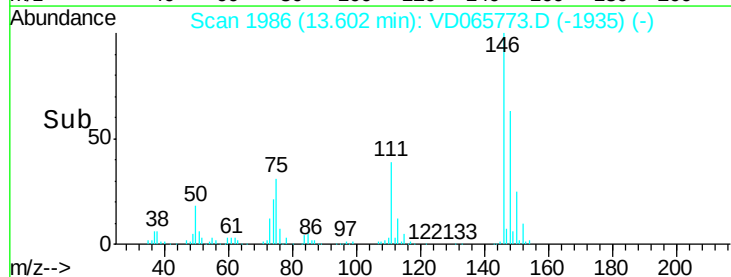
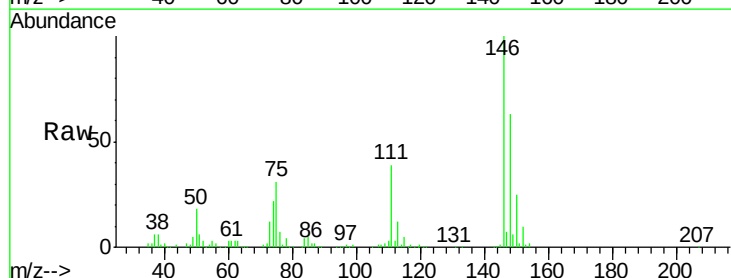
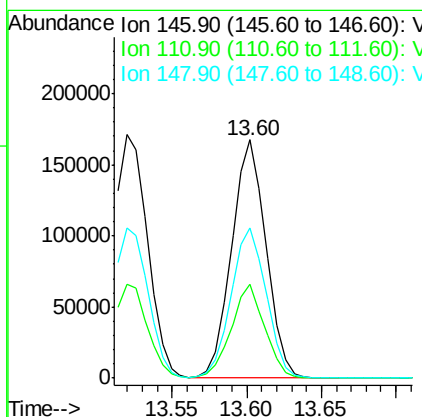
Manual Integrations
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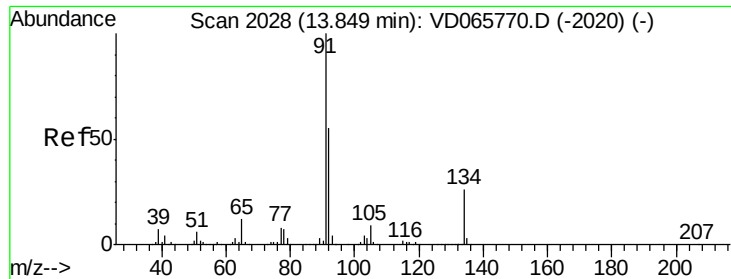
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#88
1,4-Dichlorobenzene
Concen: 49.15 ug/l
RT: 13.60 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.7
148	64.4	31.6	94.7





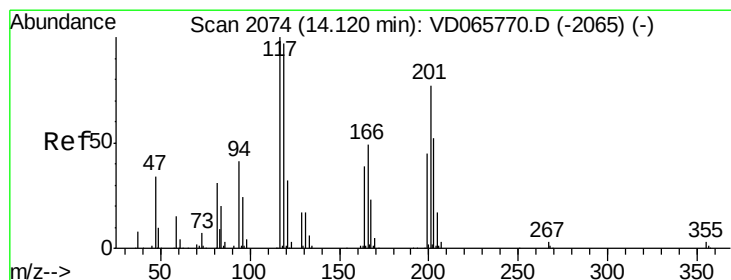
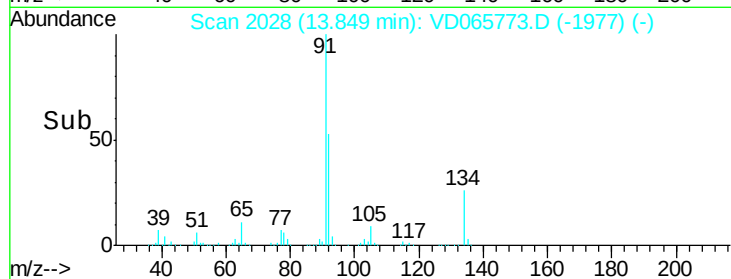
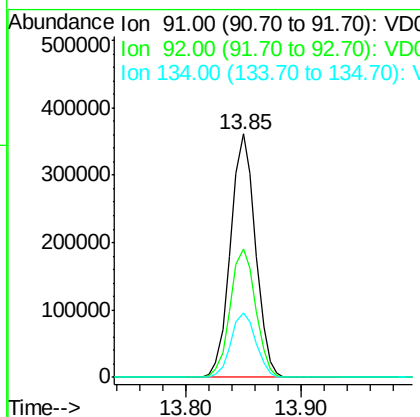
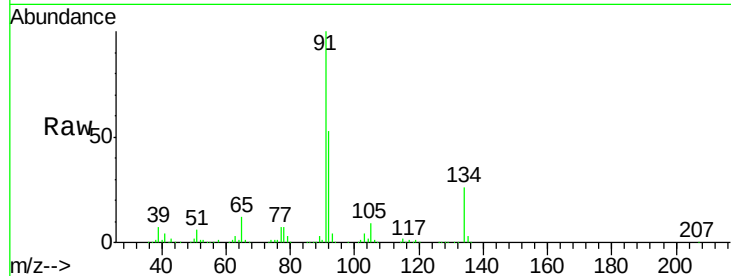
#89
n-Butylbenzene
Concen: 52.13 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	540813		
92	54.0	27.0	81.0	
134	26.5	13.0	39.0	

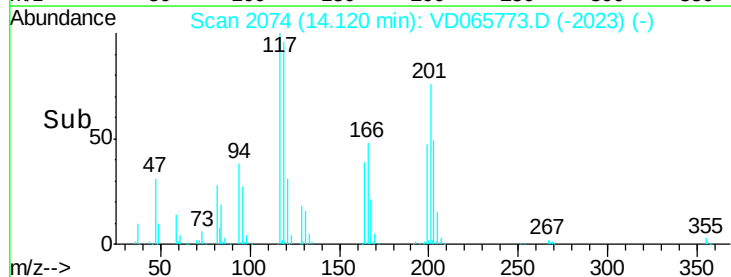
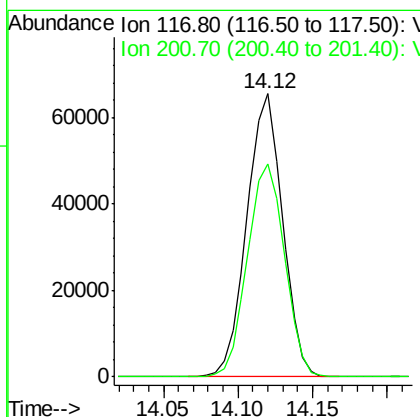
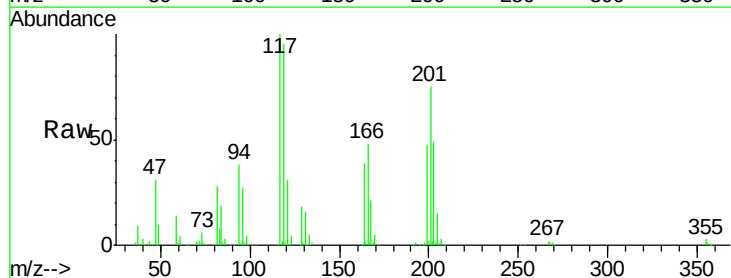
Manual Integrations
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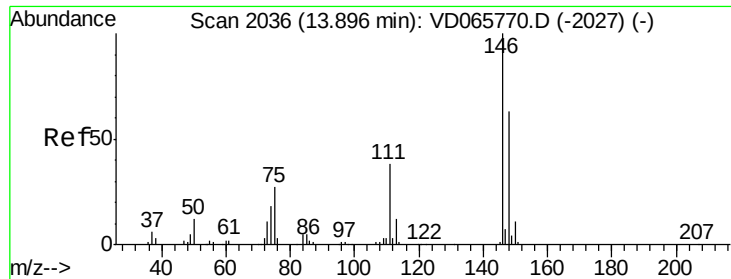
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#90
Hexachloroethane
Concen: 49.76 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108339		
201	78.5	37.1	111.5	





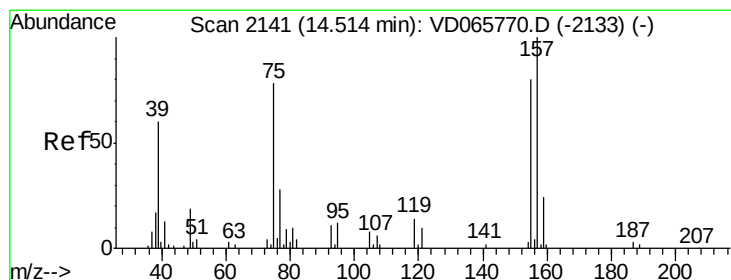
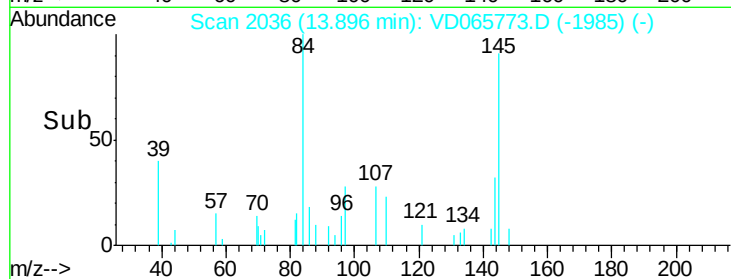
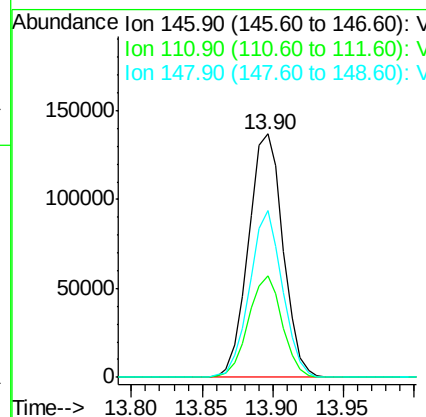
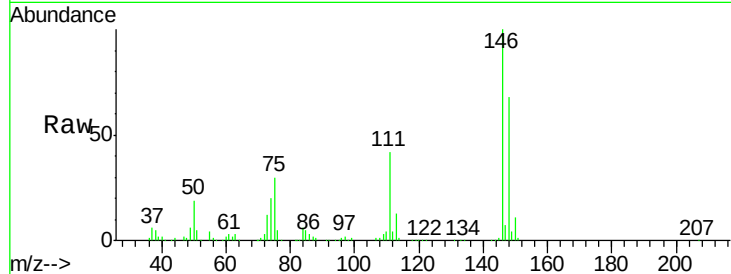
#91
 1,2-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235382		
111	40.5	19.8	59.4	
148	65.0	31.9	95.7	

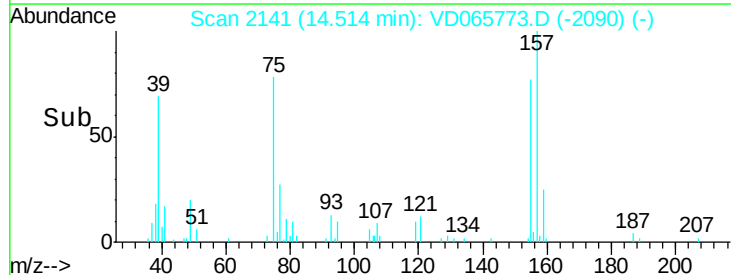
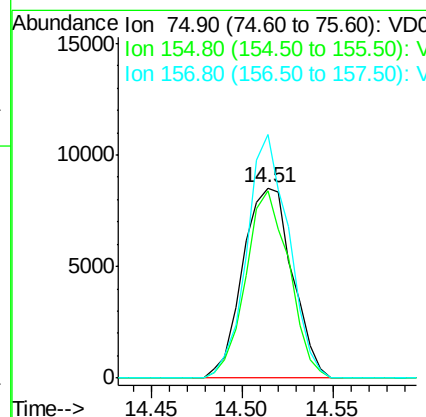
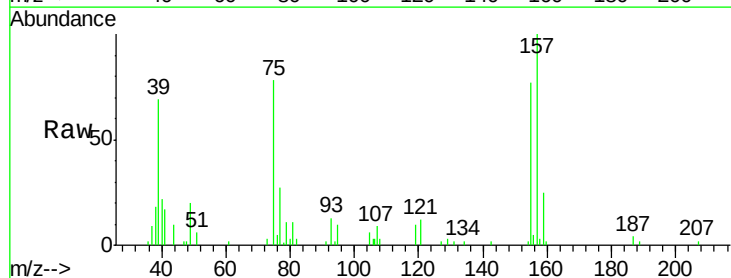
Manual Integrations
 APPROVED

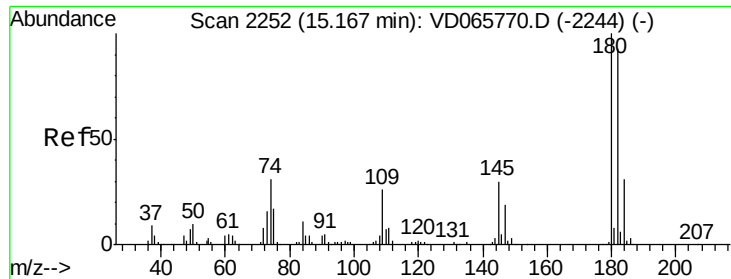
MMDadoda
 6/5/2020 4:12:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.91 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16235		
155	85.9	46.3	138.9	
157	107.8	58.1	174.3	





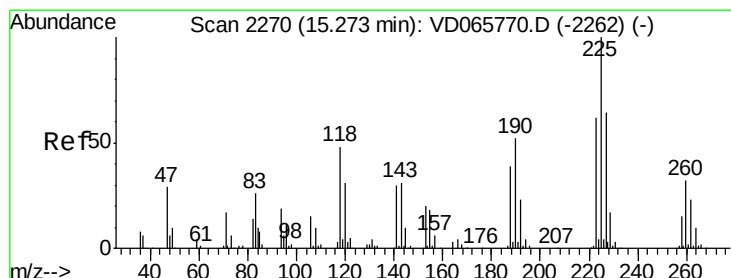
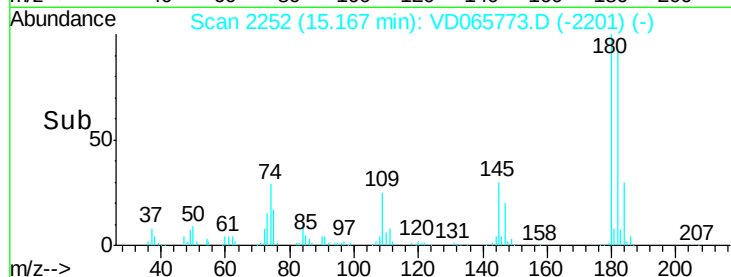
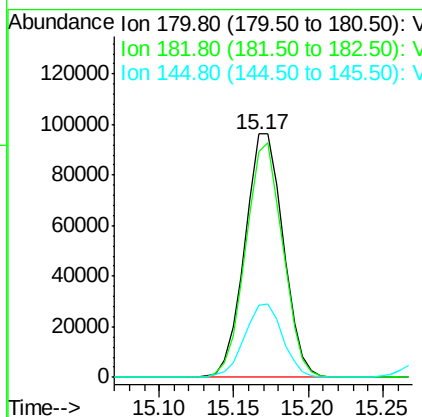
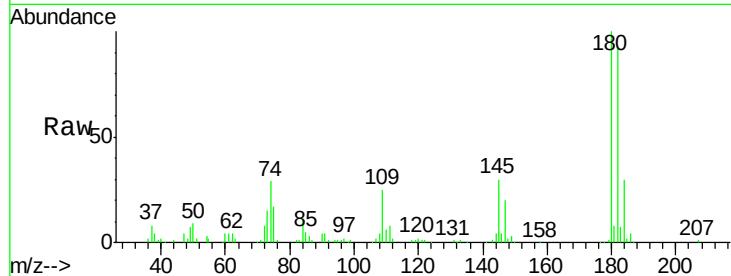
#93
1,2,4-Trichlorobenzene
Concen: 53.13 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.0	144.2
145	30.0	14.9	44.9

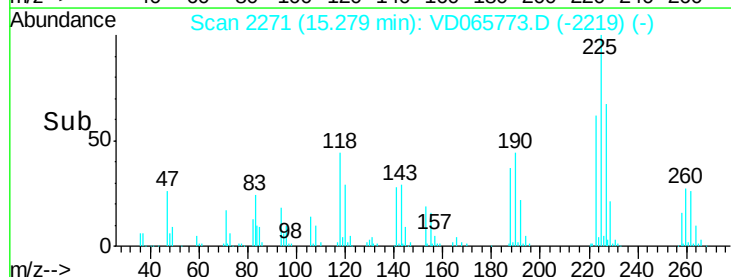
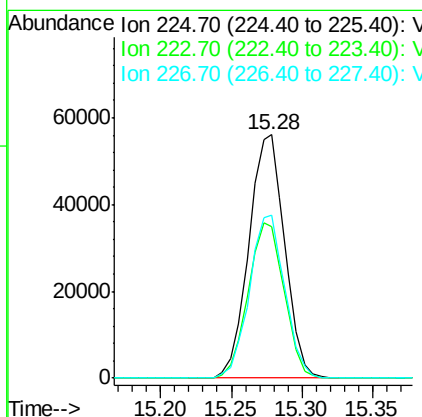
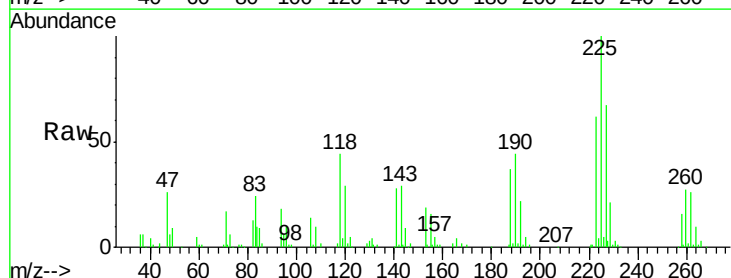
Manual Integrations
APPROVED

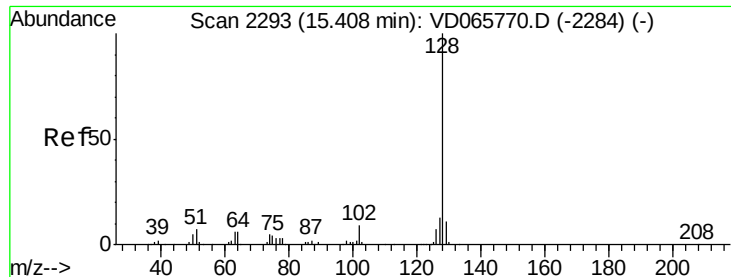
MMDadoda
6/5/2020 4:12:50 PM



#94
Hexachlorobutadiene
Concen: 51.18 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	30.9	92.7
227	66.1	31.9	95.7





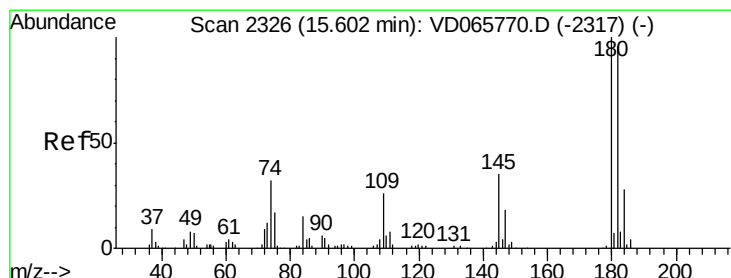
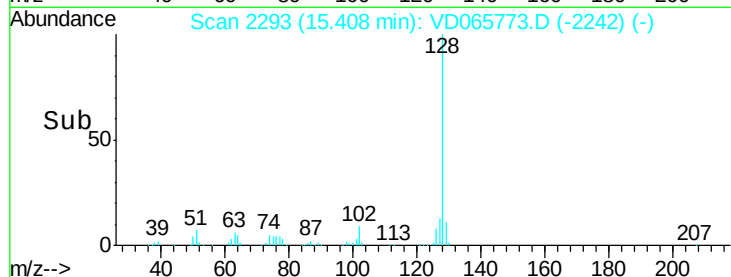
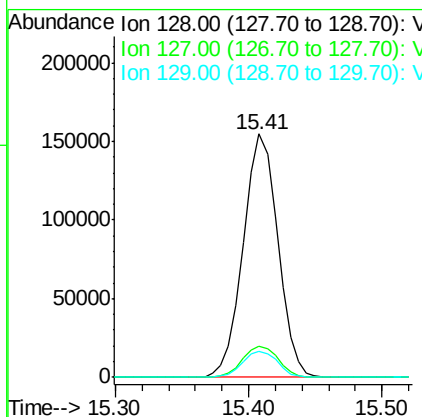
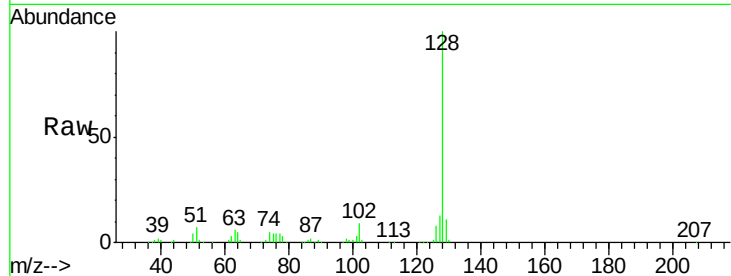
#95
Naphthalene
Concen: 50.83 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	277581		
127	13.1	10.7	16.1	
129	10.9	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 51.69 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143529		
182	95.3	47.0	141.2	
145	31.1	16.2	48.6	

