

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065941.D
 Acq On : 08 Jul 2020 15:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 01:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	438470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	648444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	592236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	164306	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
35) Dibromofluoromethane	7.91	113	178414	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
50) Toluene-d8	10.34	98	665415	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.63	95	230194	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	166381	42.683	ug/l	99
3) Chloromethane	2.20	50	151601	39.232	ug/l	99
4) Vinyl Chloride	2.35	62	145274	40.945	ug/l	98
5) Bromomethane	2.77	94	92579	41.192	ug/l	99
6) Chloroethane	2.93	64	86622	40.842	ug/l	91
7) Trichlorofluoromethane	3.27	101	339201	44.606	ug/l	98
8) Diethyl Ether	3.70	74	94654	45.372	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205915	45.270	ug/l	98
10) Methyl Iodide	4.30	142	221873	46.496	ug/l	99
11) Tert butyl alcohol	5.21	59	55148	223.470	ug/l	98
12) 1,1-Dichloroethene	4.06	96	194718	45.822	ug/l	94
13) Acrolein	3.92	56	34992	170.666	ug/l	94
14) Allyl chloride	4.71	41	328033	45.552	ug/l	99
15) Acrylonitrile	5.42	53	209590	229.460	ug/l	99
16) Acetone	4.15	43	223364	245.271	ug/l	95
17) Carbon Disulfide	4.41	76	599670	44.289	ug/l	99
18) Methyl Acetate	4.71	43	91053	42.653	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	420081	46.694	ug/l	100
20) Methylene Chloride	4.96	84	236216	46.484	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	216723	45.330	ug/l	94
22) Diisopropyl ether	6.36	45	626886	46.323	ug/l	98
23) Vinyl Acetate	6.30	43	1818937	235.473	ug/l	99
24) 1,1-Dichloroethane	6.26	63	369617	45.804	ug/l	97
25) 2-Butanone	7.21	43	280164	232.815	ug/l	96
26) 2,2-Dichloropropane	7.20	77	327400	46.378	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	236194	45.979	ug/l	100
28) Bromochloromethane	7.54	49	122914	40.321	ug/l	97
29) Tetrahydrofuran	7.56	42	170578	222.918	ug/l	100
30) Chloroform	7.71	83	377536	46.149	ug/l	97
31) Cyclohexane	7.98	56	353010	44.461	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	344298	46.117	ug/l	99
36) 1,1-Dichloropropene	8.11	75	297252	46.414	ug/l	98
37) Ethyl Acetate	7.29	43	119605	44.572	ug/l	98
38) Carbon Tetrachloride	8.10	117	320532	46.695	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	379822	48.307	ug/l	99
40) Benzene	8.35	78	831126	46.976	ug/l	98
41) Methacrylonitrile	7.56	41	167627	107.593	ug/l #	25
42) 1,2-Dichloroethane	8.42	62	225199	44.930	ug/l	97
43) Isopropyl Acetate	8.46	43	234746	46.998	ug/l	98
44) Trichloroethene	9.11	130	243744	46.888	ug/l	98
45) 1,2-Dichloropropane	9.39	63	207140	47.170	ug/l	98
46) Dibromomethane	9.47	93	109697	47.982	ug/l	98
47) Bromodichloromethane	9.66	83	280474	45.735	ug/l	99
48) Methyl methacrylate	9.46	41	125465	49.897	ug/l	97
49) 1,4-Dioxane	9.46	88	24957	918.727	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	590000	233.644	ug/l	99
52) Toluene	10.40	92	545240	48.440	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	275298	47.742	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	328407	47.133	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	150078	47.645	ug/l	98
56) Ethyl methacrylate	10.66	69	190064	49.402	ug/l	97
57) 1,3-Dichloropropane	10.95	76	254896	46.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	416492	223.530	ug/l	99
59) 2-Hexanone	10.98	43	422713	243.403	ug/l	99
60) Dibromochloromethane	11.14	129	203449	47.274	ug/l	99
61) 1,2-Dibromoethane	11.25	107	145291	46.262	ug/l	98
64) Tetrachloroethene	10.88	164	205266	47.660	ug/l	98
65) Chlorobenzene	11.67	112	568660	47.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	214922	48.147	ug/l	100
67) Ethyl Benzene	11.75	91	1028122	48.491	ug/l	99
68) m/p-Xylenes	11.85	106	791232	98.225	ug/l	99
69) o-Xylene	12.18	106	363671	49.560	ug/l	99
70) Styrene	12.20	104	628669	49.630	ug/l	99
71) Bromoform	12.36	173	120348	47.646	ug/l #	99
73) Isopropylbenzene	12.48	105	1015485	49.894	ug/l	100
74) N-amyl acetate	12.29	43	216058	47.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	158951	47.041	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	210112	85.887	ug/l #	100
77) Bromobenzene	12.76	156	236575	47.924	ug/l	100
78) n-propylbenzene	12.82	91	1171787	49.107	ug/l	99
79) 2-Chlorotoluene	12.91	91	642527	47.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	816100	49.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53916	47.355	ug/l	100
82) 4-Chlorotoluene	13.01	91	669878	47.165	ug/l	98
83) tert-Butylbenzene	13.23	119	707134	49.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	820626	49.521	ug/l	99
85) sec-Butylbenzene	13.40	105	994006	49.453	ug/l	100
86) p-Isopropyltoluene	13.52	119	917450	49.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	450621	48.783	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	441141	47.869	ug/l	99
89) n-Butylbenzene	13.84	91	856000	49.582	ug/l	100
90) Hexachloroethane	14.11	117	175146	47.243	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	386276	47.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24713	43.739	ug/l	89

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

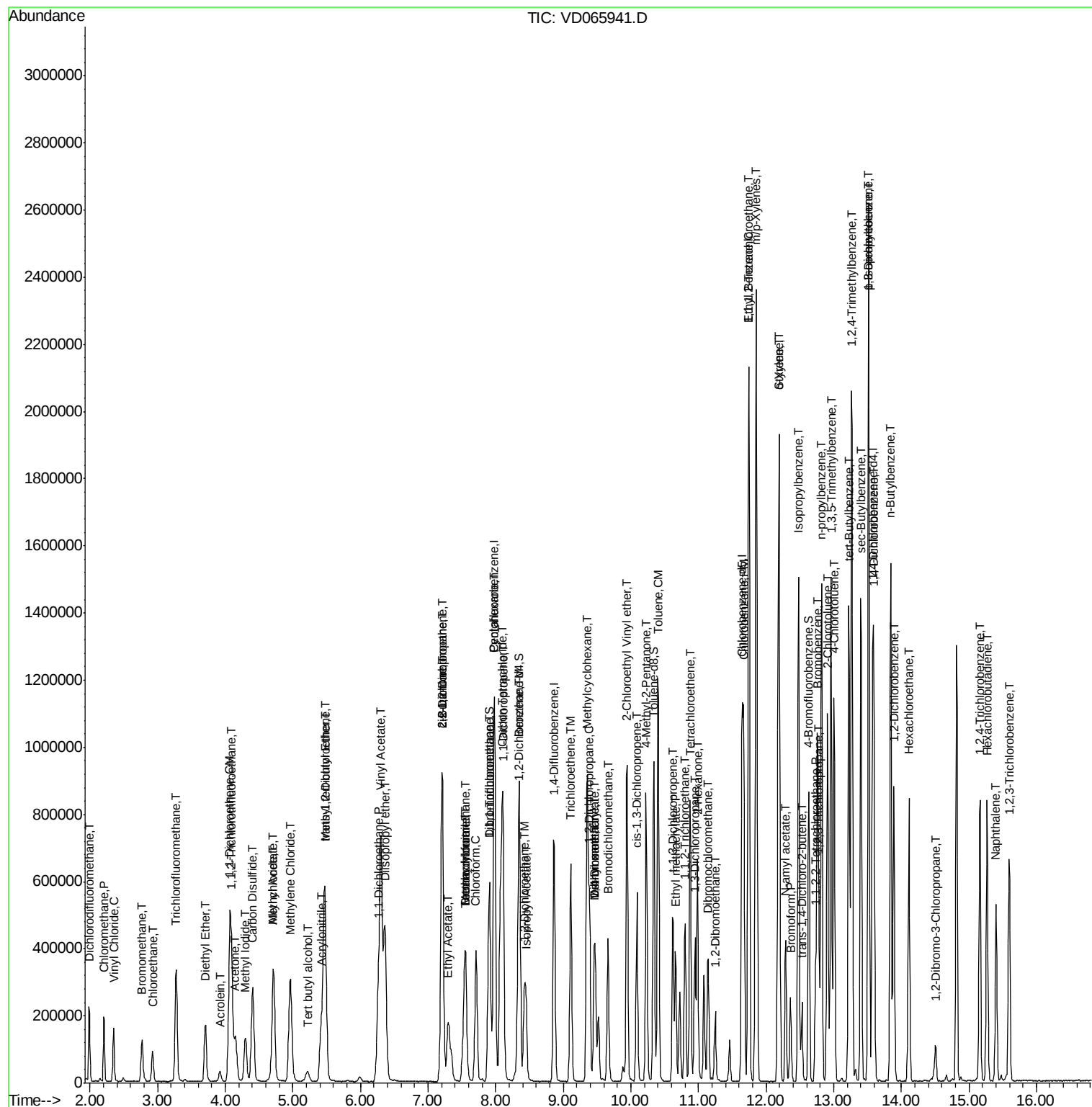
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	286863	49.854	ug/l	97
94) Hexachlorobutadiene	15.27	225	173088	49.729	ug/l	98
95) Naphthalene	15.40	128	469971	48.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	244765	49.316	ug/l	99

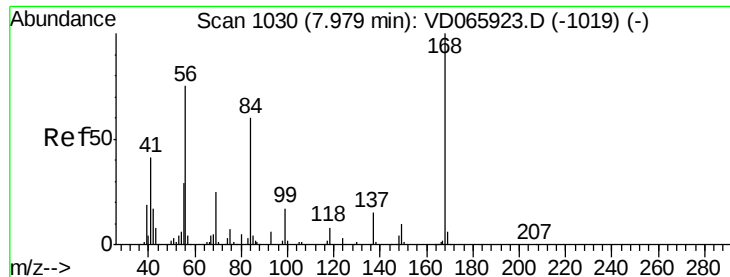
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

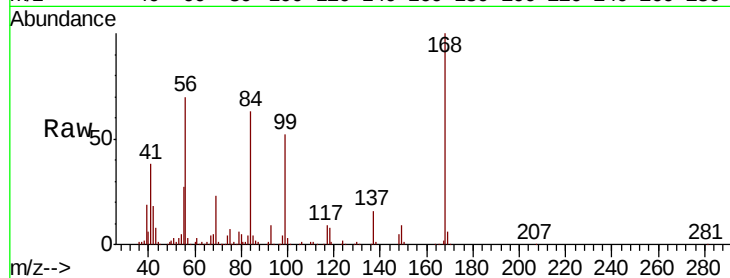
VSTDCCC050EC

Tot Ion:168 Resp: 438470

Ion Ratio Lower Upper

168 100

99 51.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

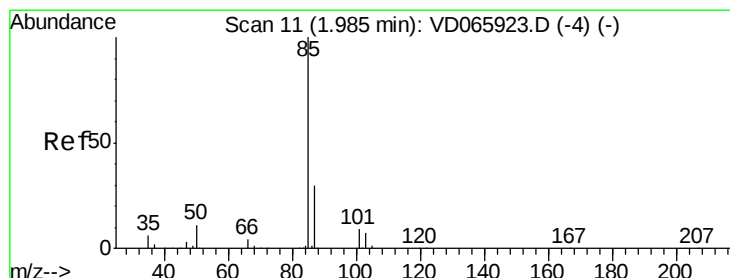
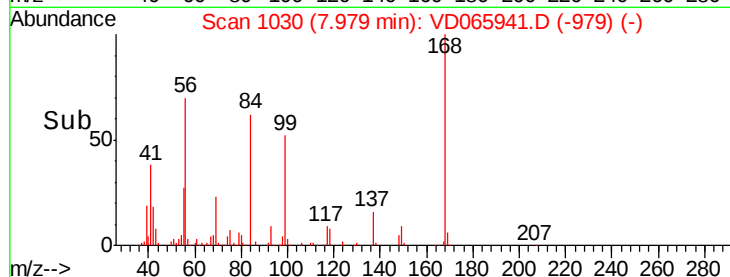
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.683 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065941.D

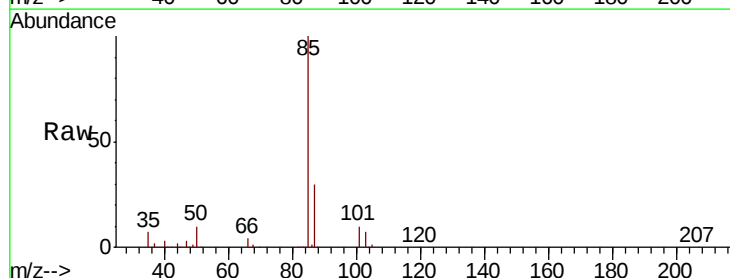
Acq: 08 Jul 2020 15:40

Tgt Ion: 85 Resp: 166381

Ion Ratio Lower Upper

85 100

87 30.3 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

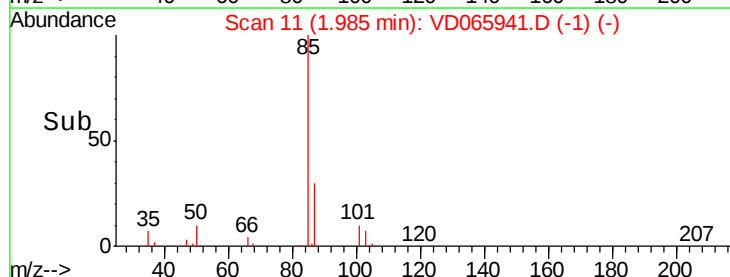
1.98

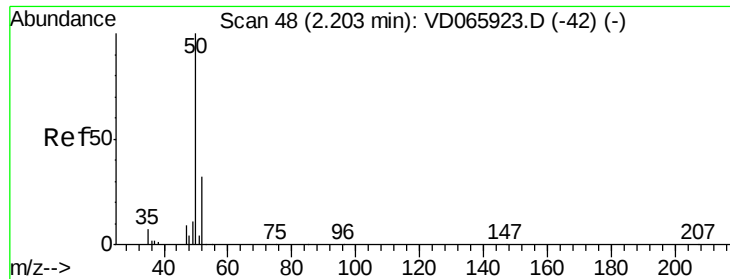
100000

50000

0

Time-->





#3

Chloromethane

Concen: 39.232 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

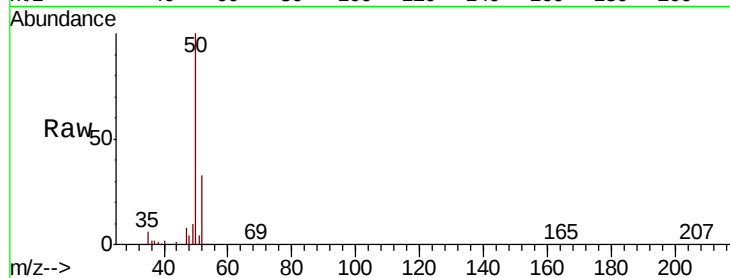
VSTDCCC050EC

Tot Ion: 50 Resp: 151601

Ion Ratio Lower Upper

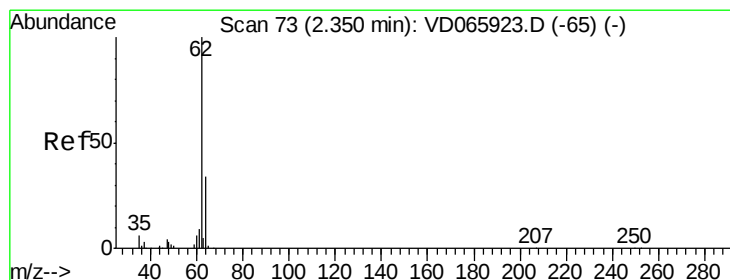
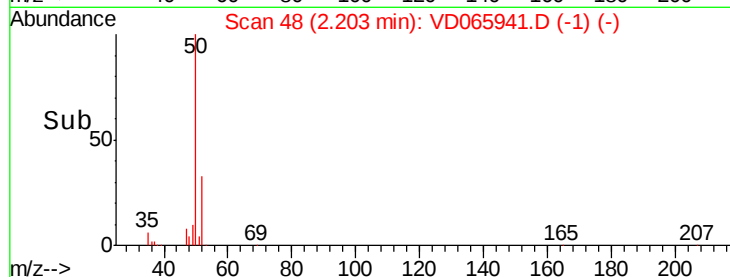
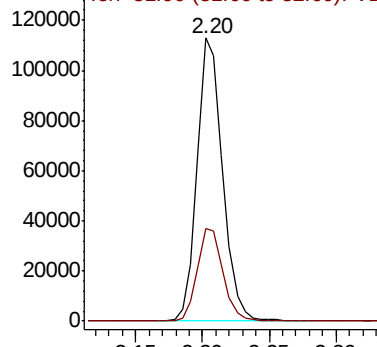
50 100

52 32.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.945 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065941.D

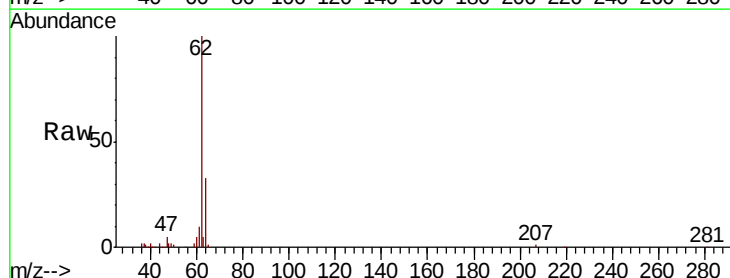
Acq: 08 Jul 2020 15:40

Tgt Ion: 62 Resp: 145274

Ion Ratio Lower Upper

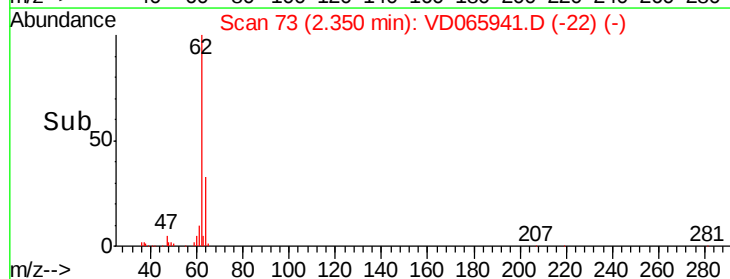
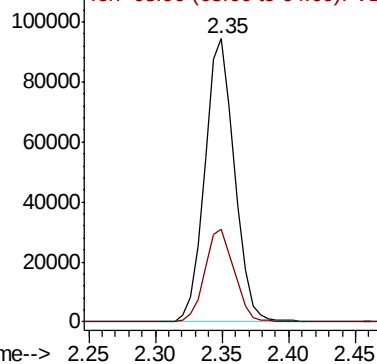
62 100

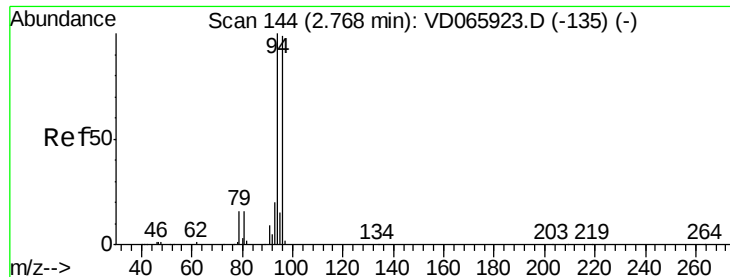
64 32.6 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 41.192 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

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Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

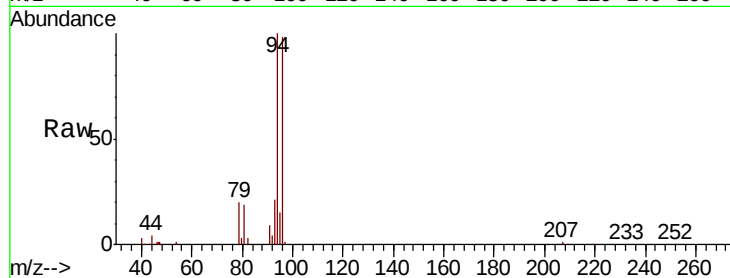
VSTDCCC050EC

Tot Ion: 94 Resp: 92579

Ion Ratio Lower Upper

94 100

96 97.8 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

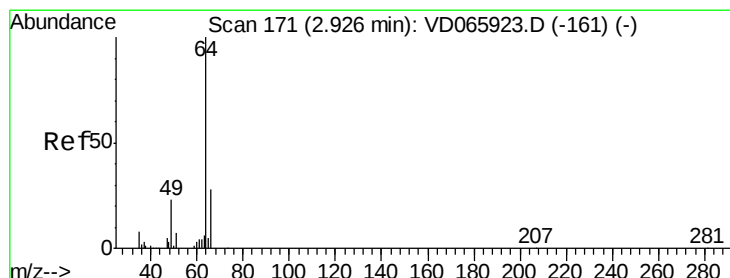
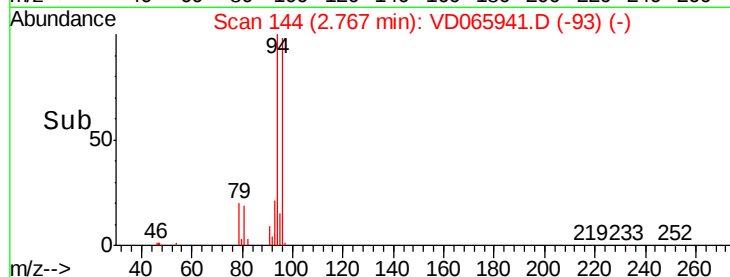
20000

10000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 40.842 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065941.D

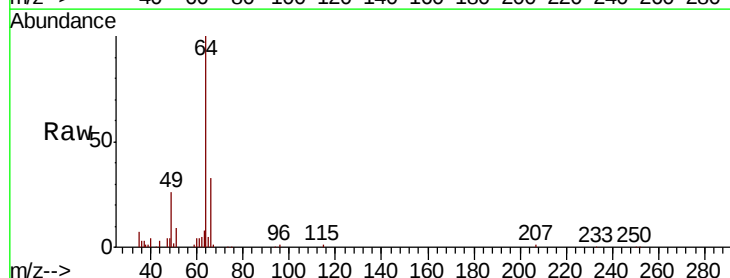
Acq: 08 Jul 2020 15:40

Tgt Ion: 64 Resp: 86622

Ion Ratio Lower Upper

64 100

66 33.2 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

40000

30000

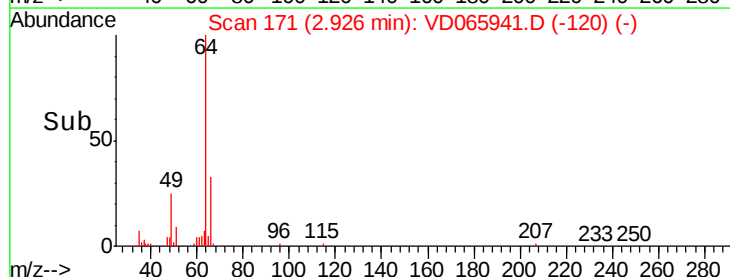
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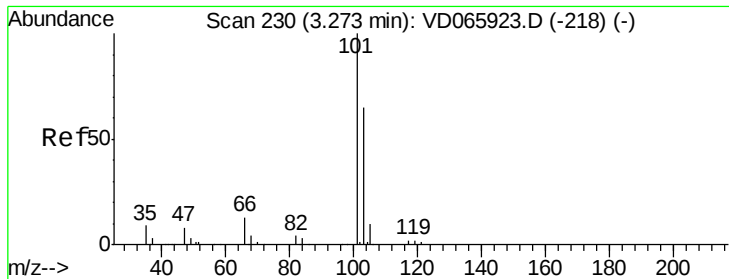
10000

0

2.80 2.90 3.00

Time-->



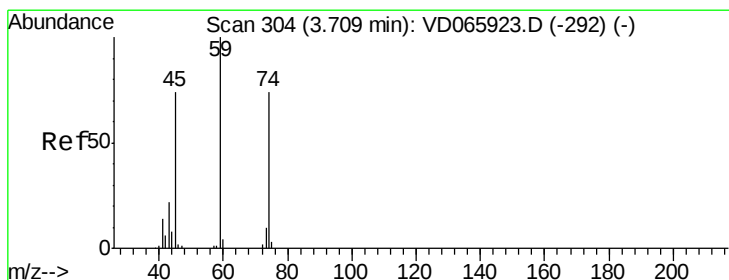
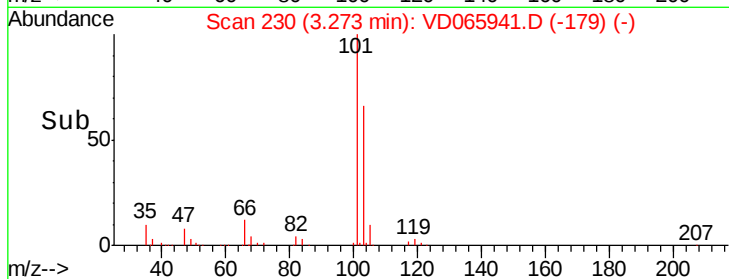
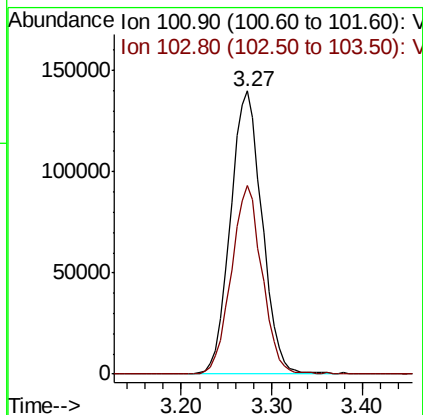
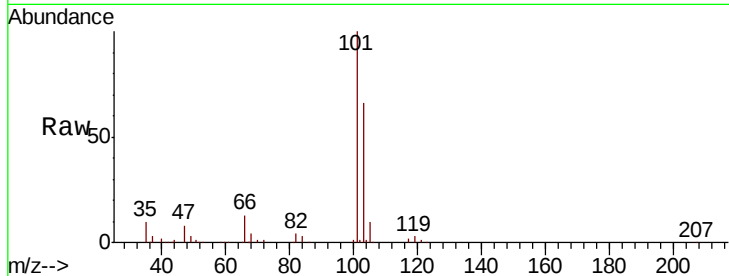


#7

Trichlorofluoromethane
 Concen: 44.606 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
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 VSTDCCC050EC

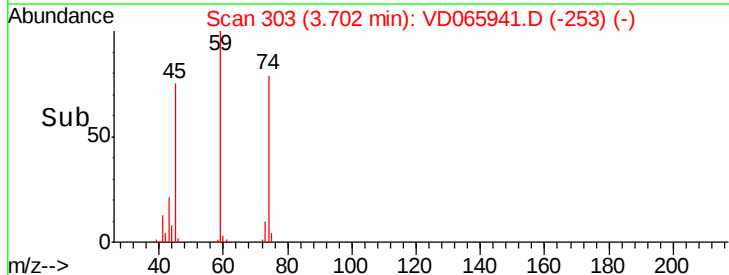
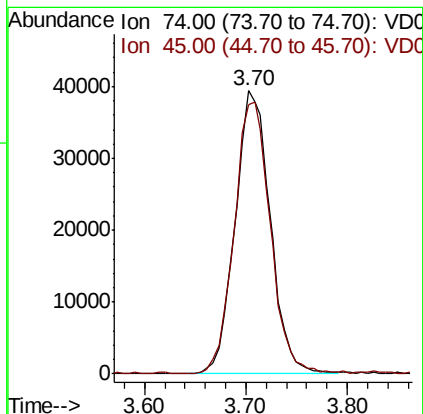
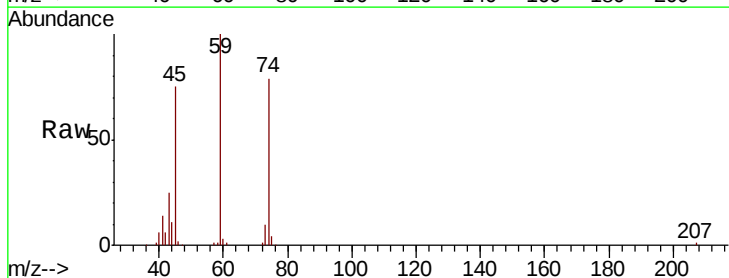
Tot Ion:101 Resp: 339201
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.7 77.5

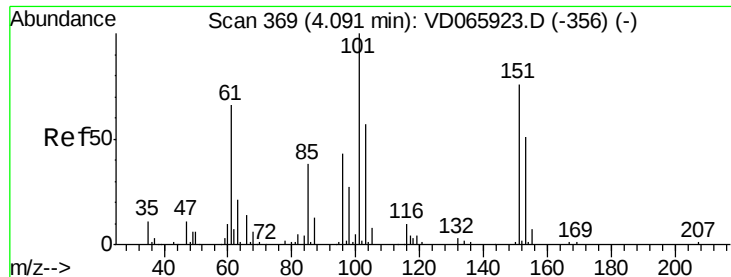


#8

Diethyl Ether
 Concen: 45.372 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 74 Resp: 94654
 Ion Ratio Lower Upper
 74 100
 45 98.8 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.270 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

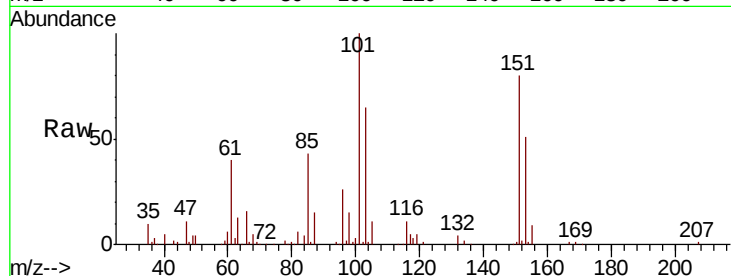
Tot Ion:101 Resp: 205915

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.8

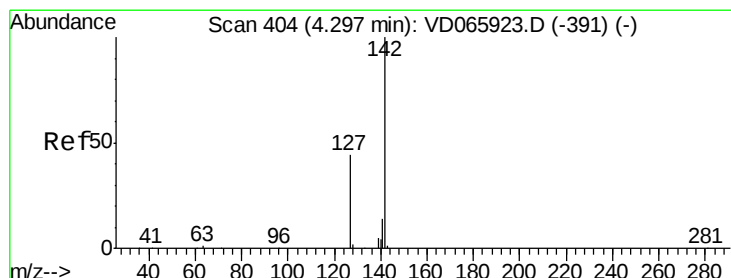
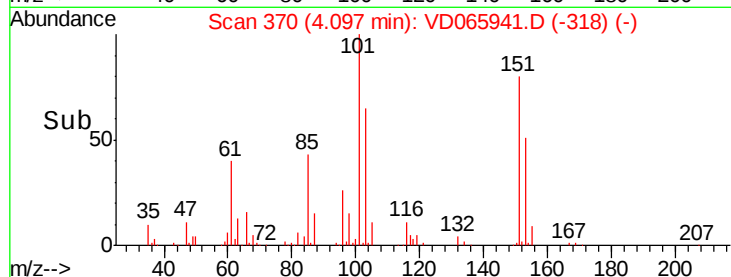
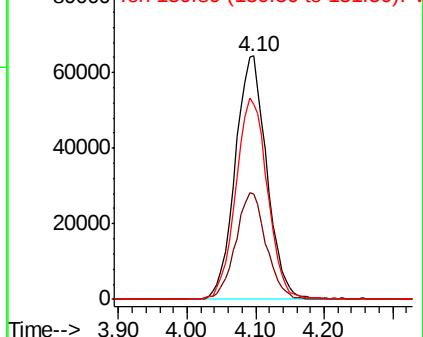
151 83.1 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.496 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

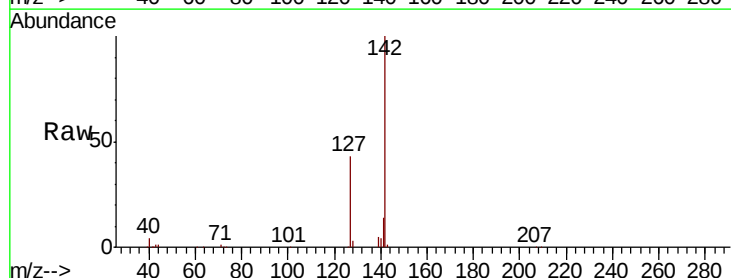
Tgt Ion:142 Resp: 221873

Ion Ratio Lower Upper

142 100

127 42.5 34.6 51.8

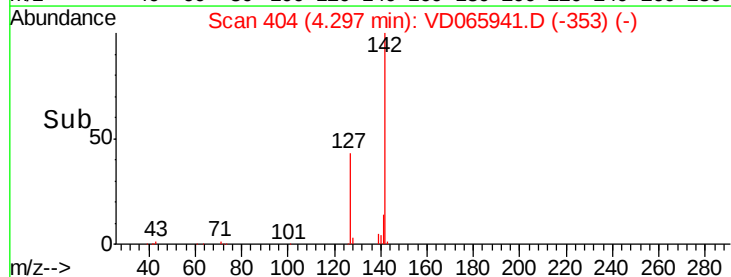
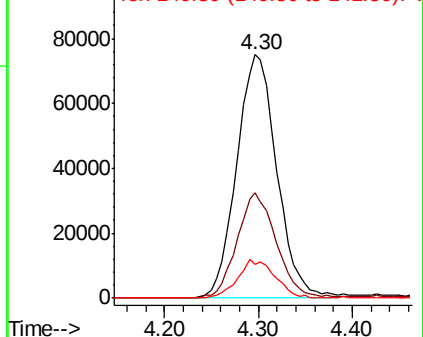
141 14.8 11.6 17.4

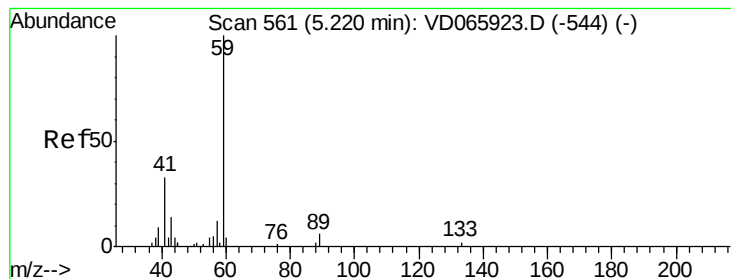


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 223.470 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

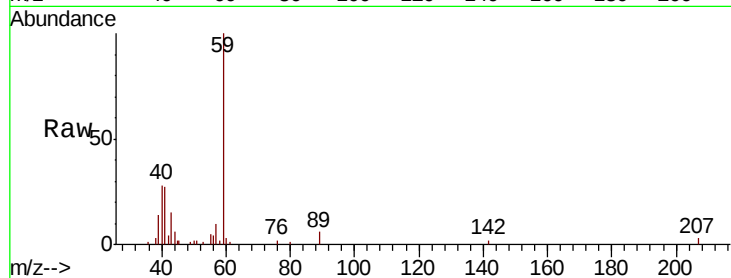
VSTDCCC050EC

Tot Ion: 59 Resp: 55148

Ion Ratio Lower Upper

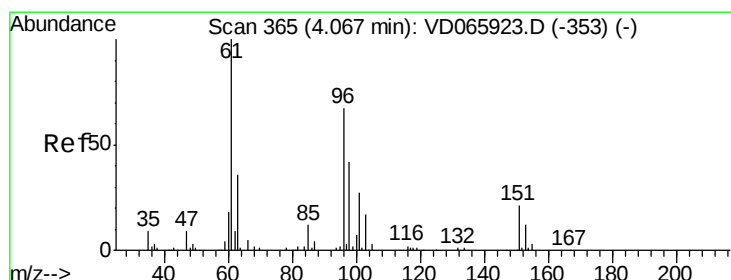
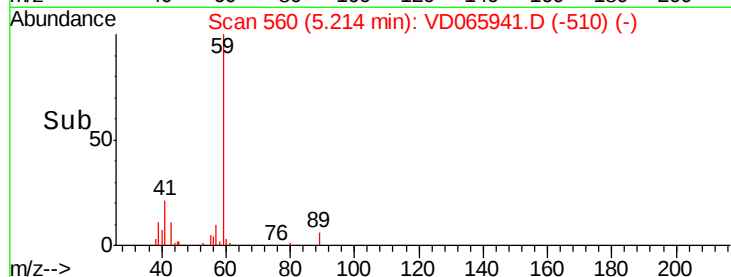
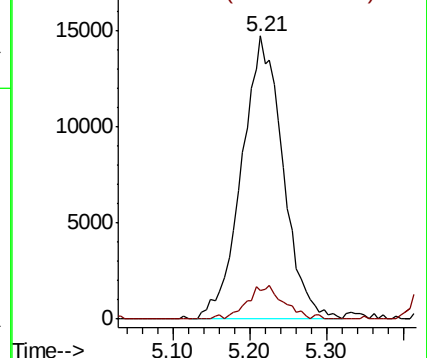
59 100

57 10.1 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 45.822 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

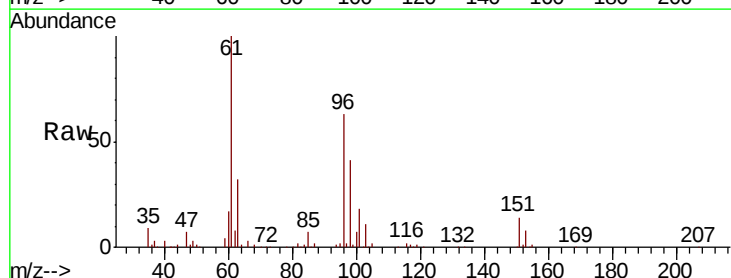
Tgt Ion: 96 Resp: 194718

Ion Ratio Lower Upper

96 100

61 159.9 120.2 180.2

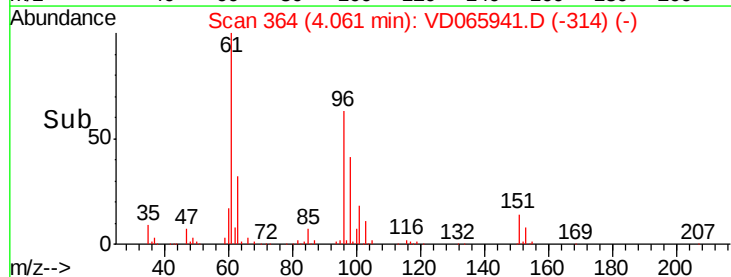
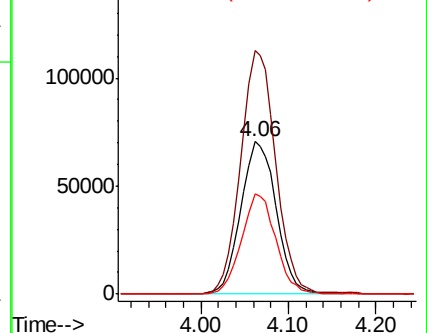
98 66.1 50.6 76.0

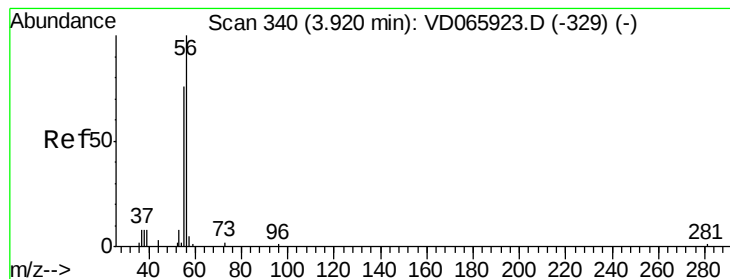


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 170.666 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

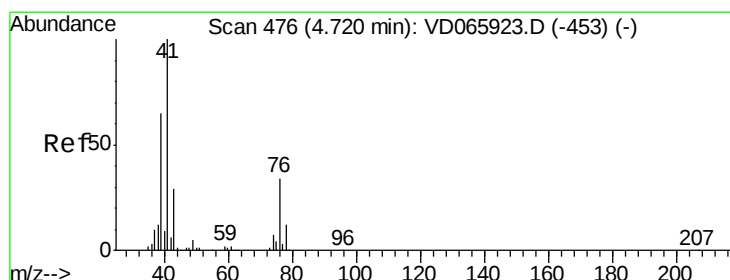
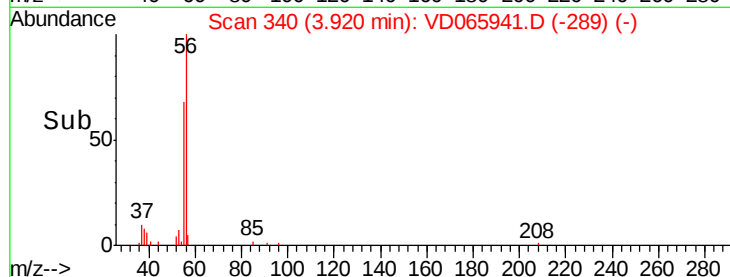
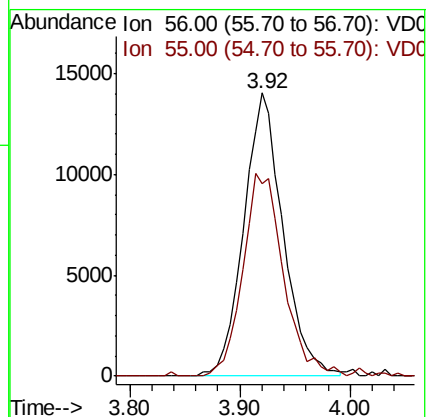
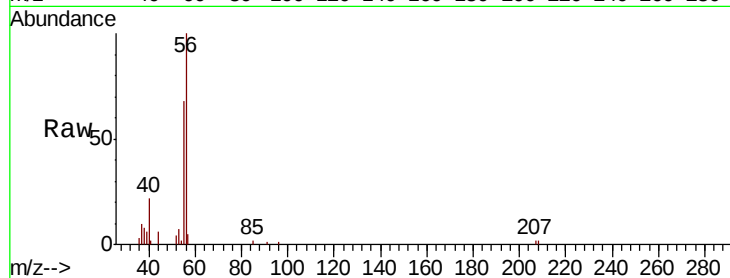
VSTDCCC050EC

Tot Ion: 56 Resp: 34992

Ion Ratio Lower Upper

56 100

55 73.9 55.0 82.6



#14

Allyl chloride

Concen: 45.552 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

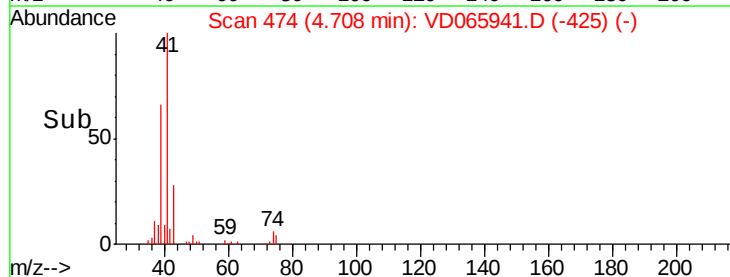
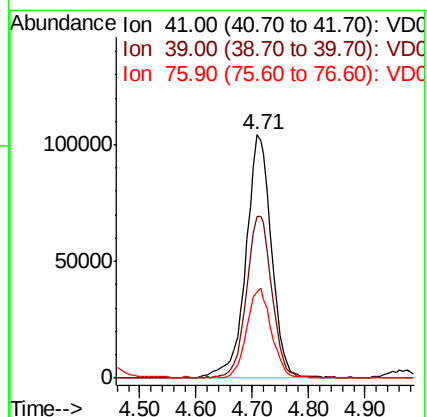
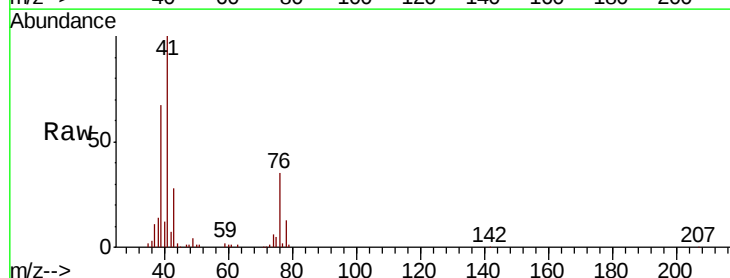
Tgt Ion: 41 Resp: 328033

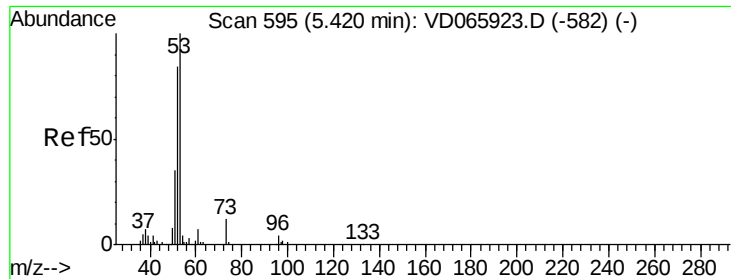
Ion Ratio Lower Upper

41 100

39 66.7 52.2 78.4

76 35.1 28.1 42.1





#15

Acrylonitrile

Concen: 229.460 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

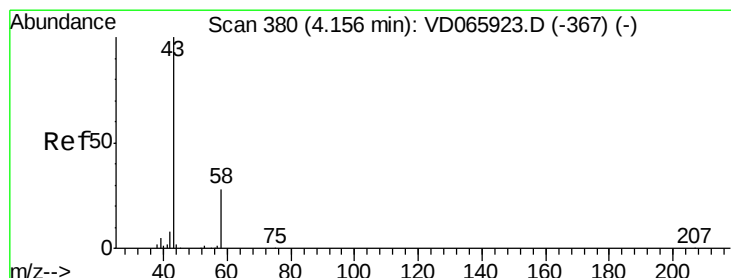
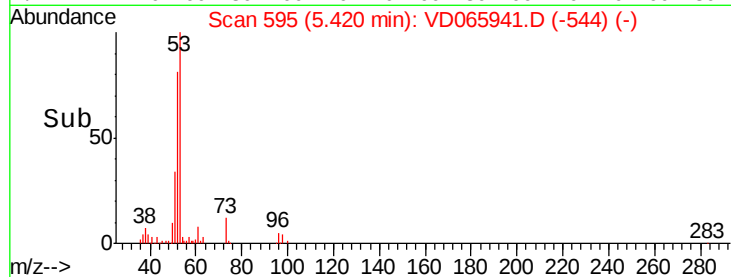
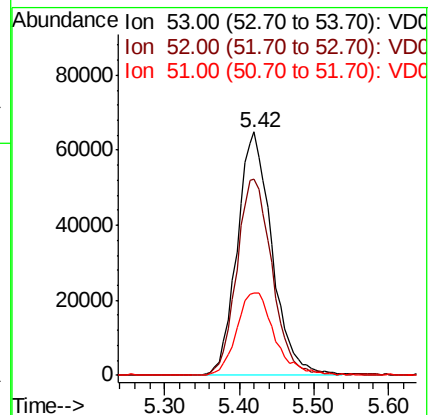
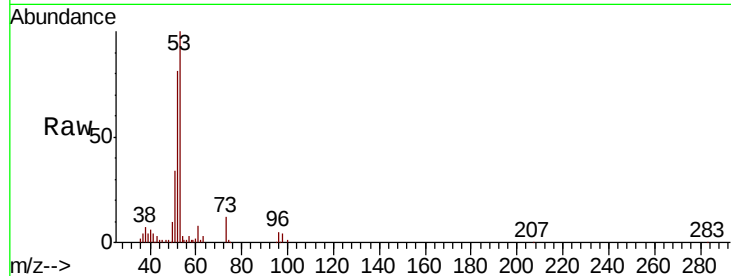
Tot Ion: 53 Resp: 209590

Ion Ratio Lower Upper

53 100

52 82.0 66.3 99.5

51 37.3 29.8 44.8



#16

Acetone

Concen: 245.271 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065941.D

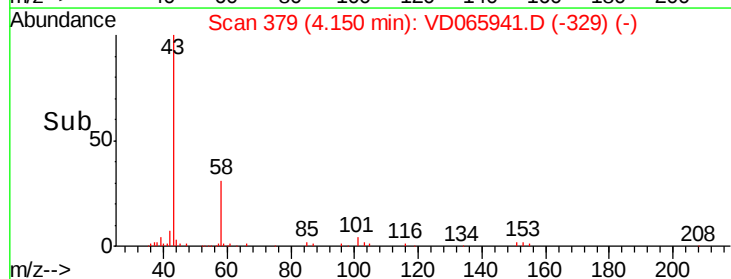
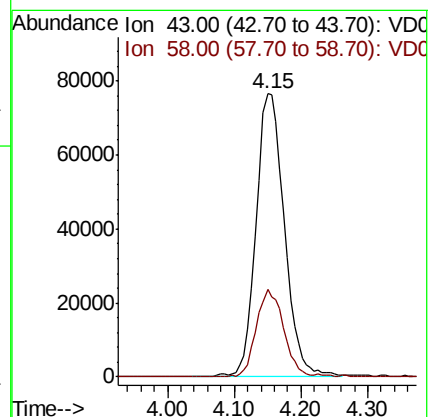
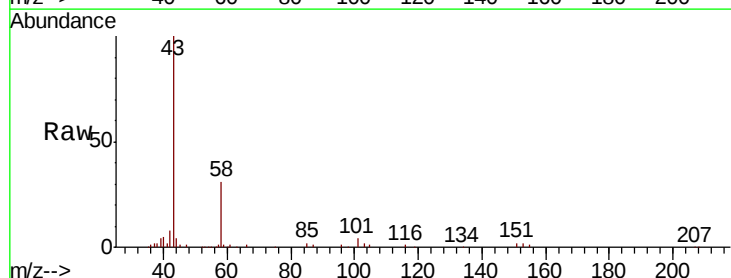
Acq: 08 Jul 2020 15:40

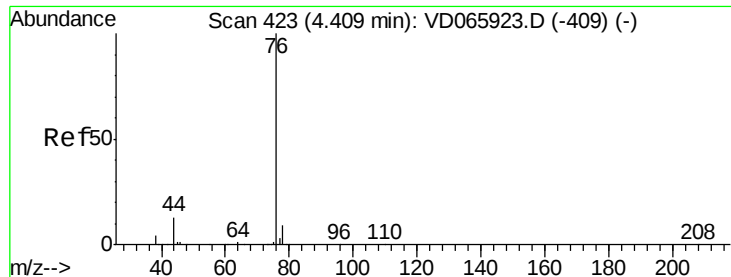
Tgt Ion: 43 Resp: 223364

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1

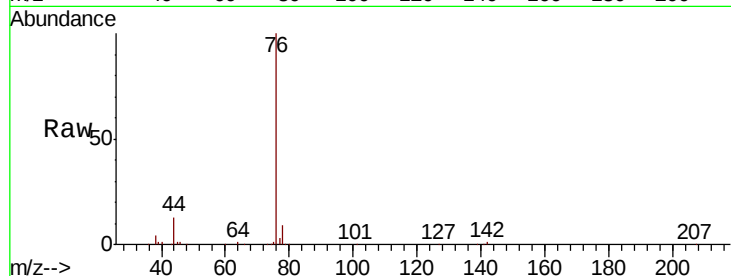




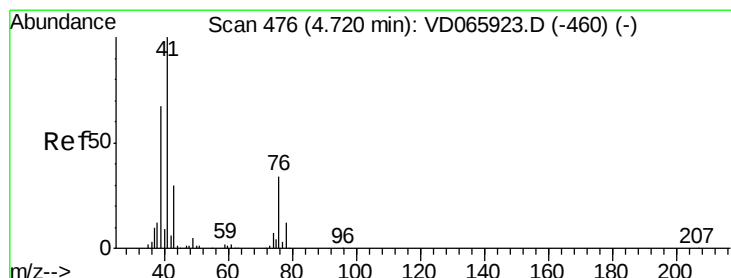
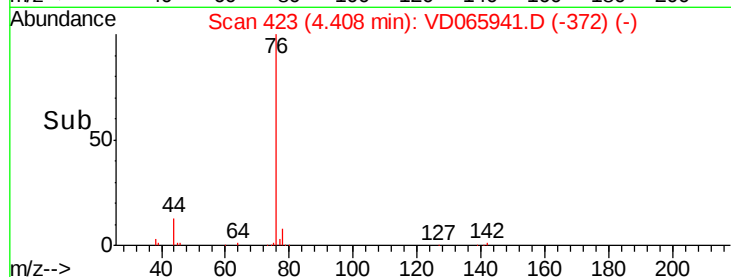
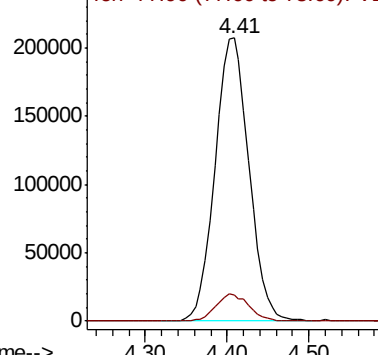
#17
Carbon Disulfide
Concen: 44.289 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 599670
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

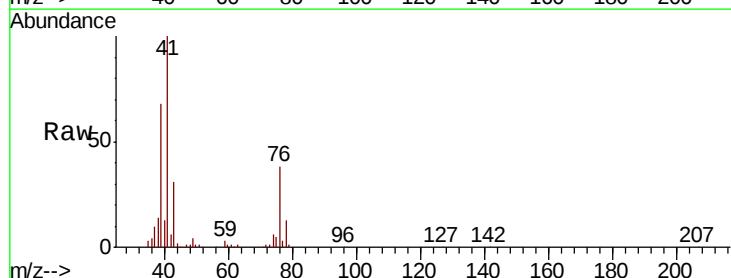


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

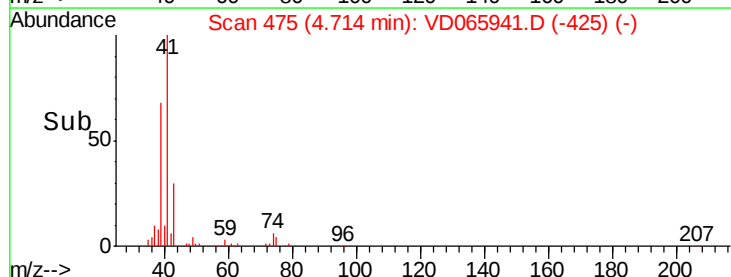
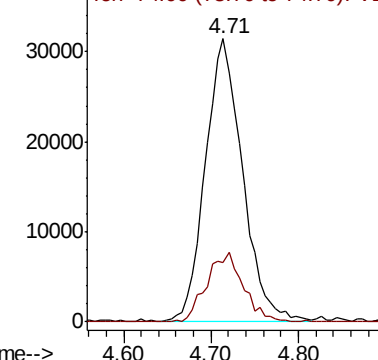


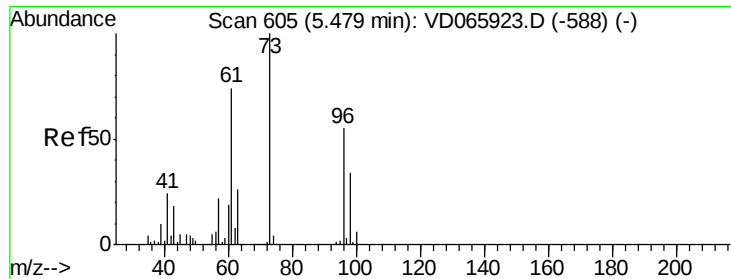
#18
Methyl Acetate
Concen: 42.653 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 43 Resp: 91053
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

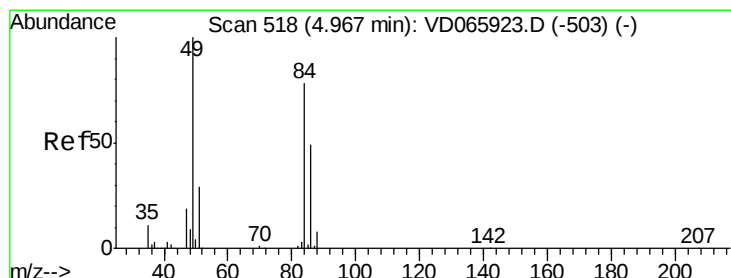
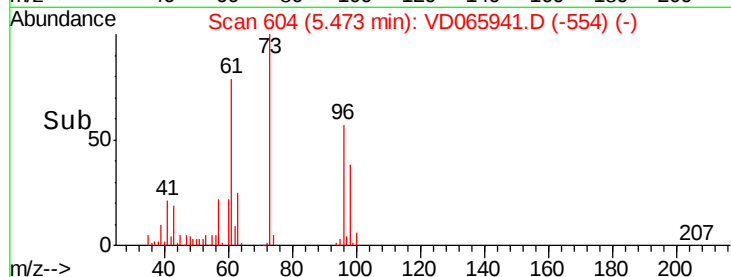
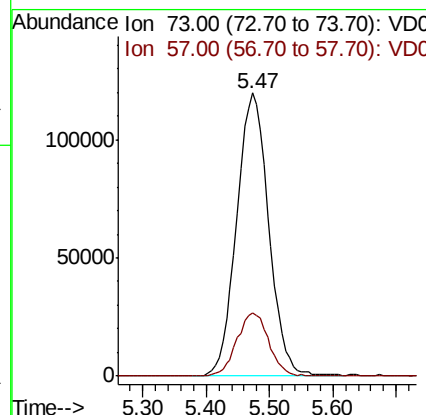
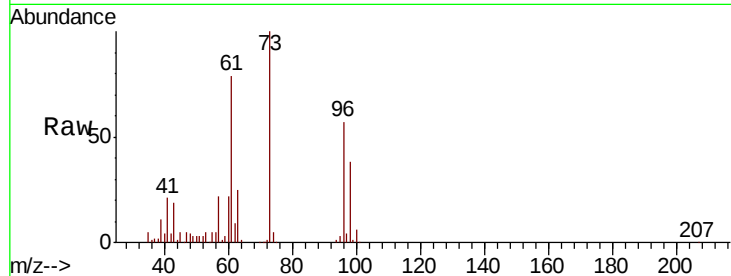




#19
Methyl tert-butyl Ether
Concen: 46.694 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

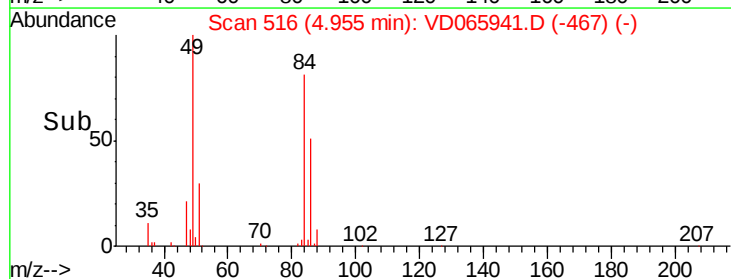
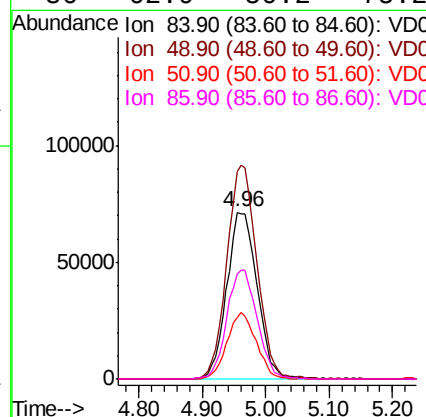
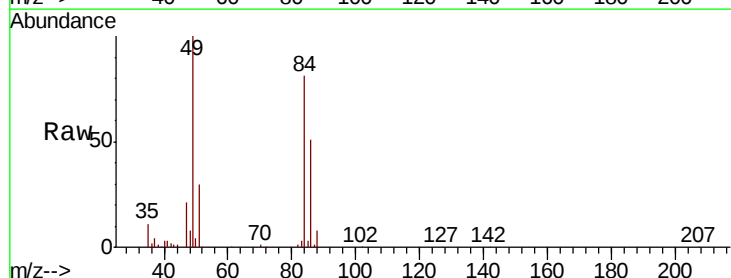
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

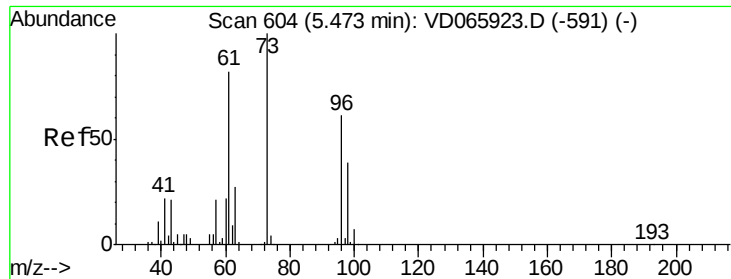
Tot Ion: 73 Resp: 420081
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 46.484 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 84 Resp: 236216
Ion Ratio Lower Upper
84 100
49 124.0 102.2 153.2
51 37.0 29.8 44.6
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.330 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

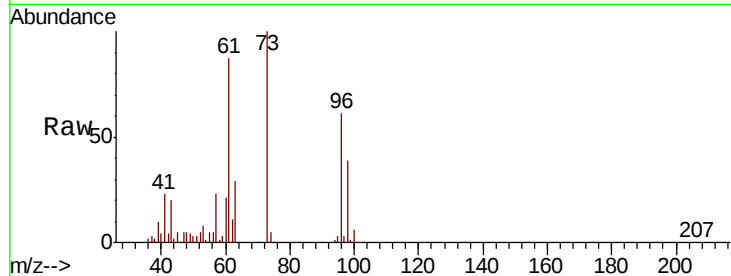
Tot Ion: 96 Resp: 216723

Ion Ratio Lower Upper

96 100

61 143.1 106.6 160.0

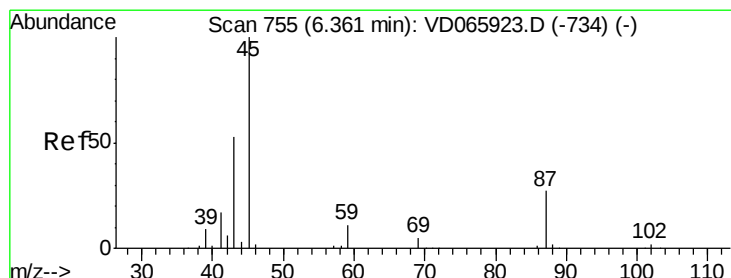
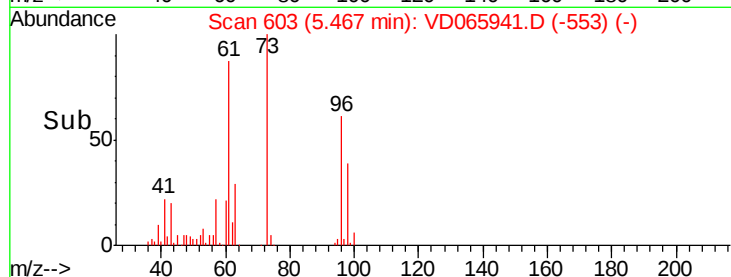
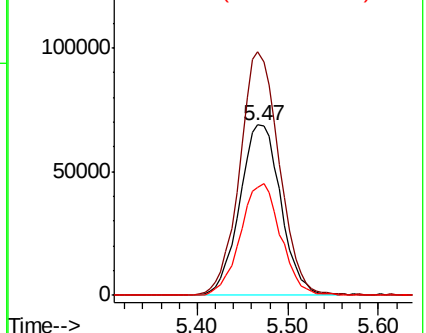
98 63.6 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 46.323 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion: 45 Resp: 626886

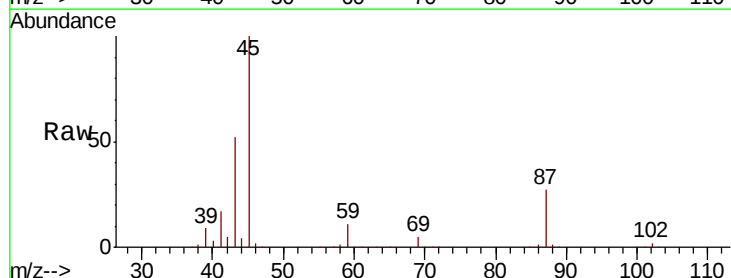
Ion Ratio Lower Upper

45 100

43 51.2 42.5 63.7

87 26.8 22.2 33.2

59 11.1 8.9 13.3

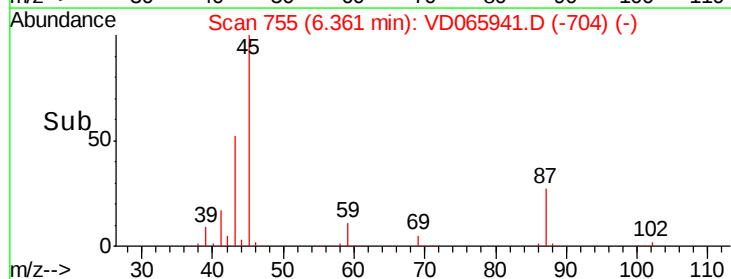
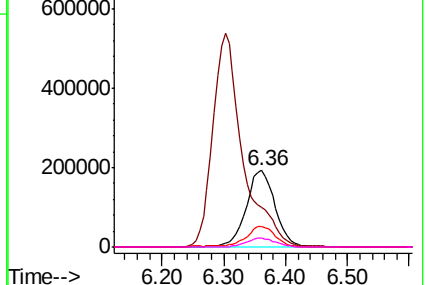


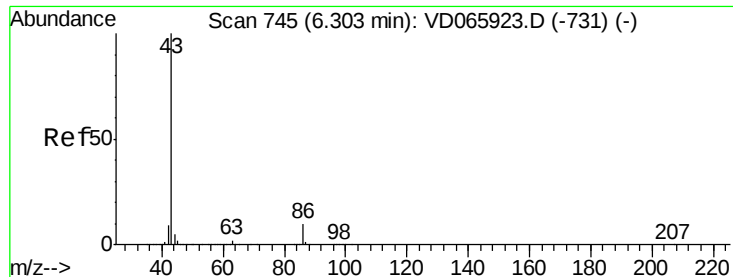
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 235.473 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

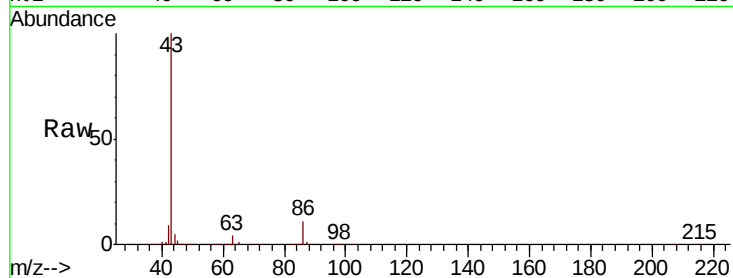
VSTDCCC050EC

Tot Ion: 43 Resp: 1818937

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

500000

400000

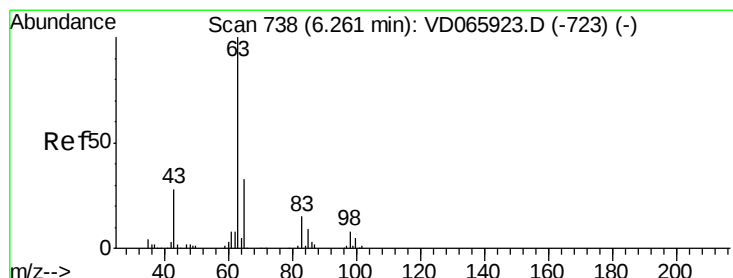
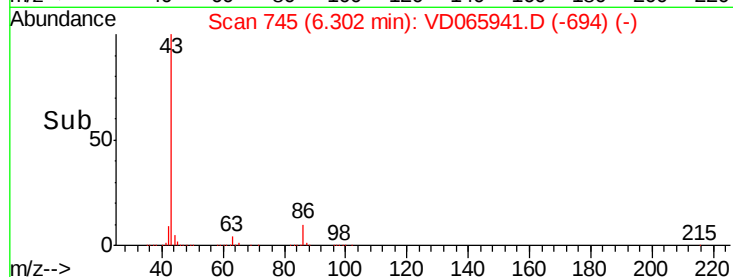
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.804 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

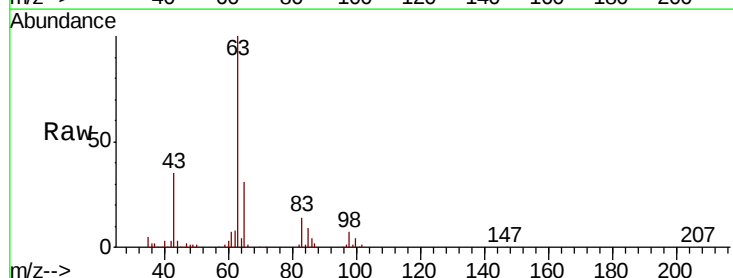
Tgt Ion: 63 Resp: 369617

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 3.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

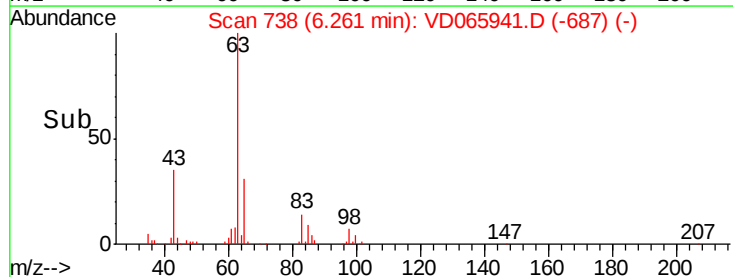
150000

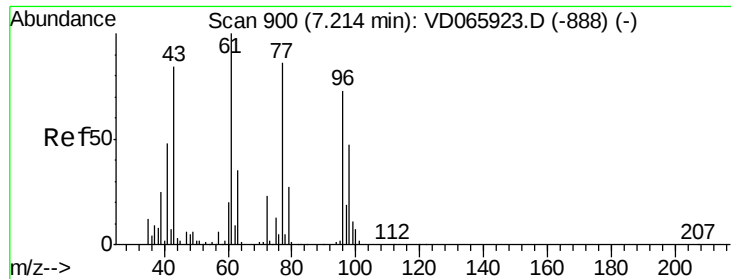
100000

50000

0

Time-->

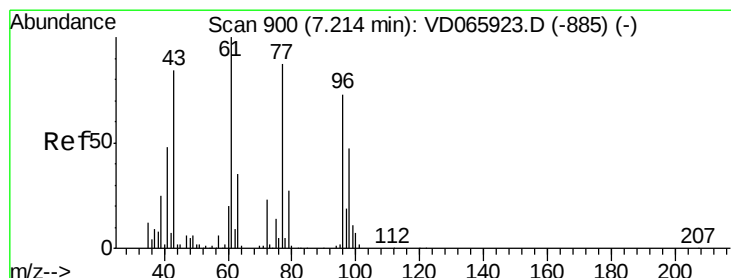
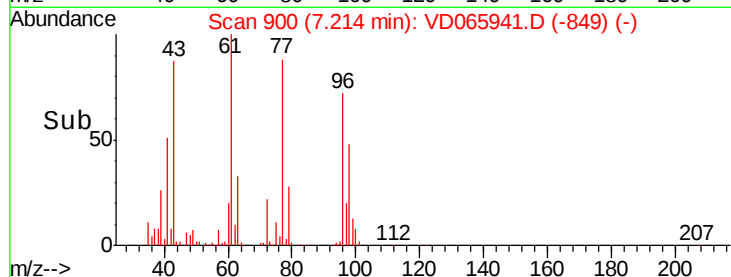
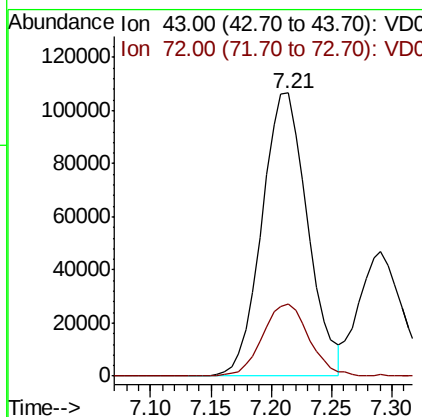
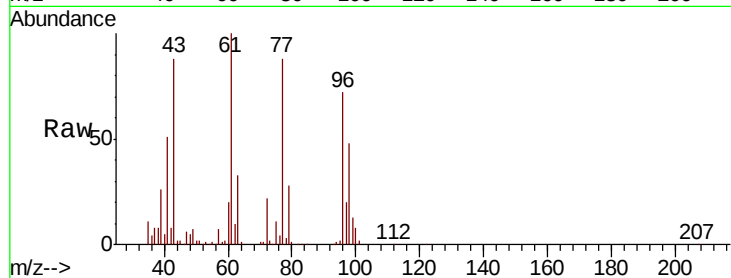




#25
2-Butanone
Concen: 232.815 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

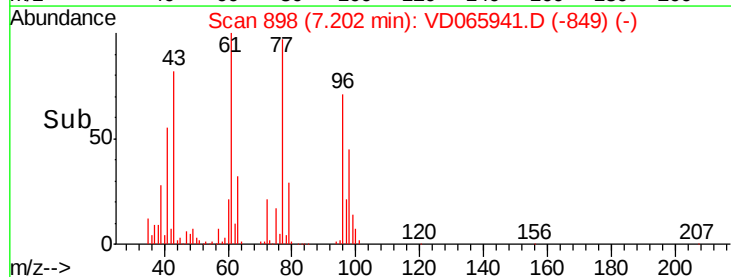
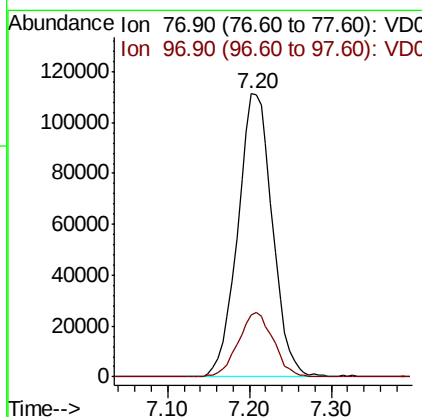
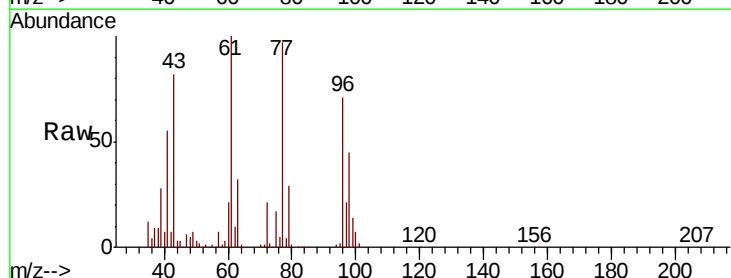
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

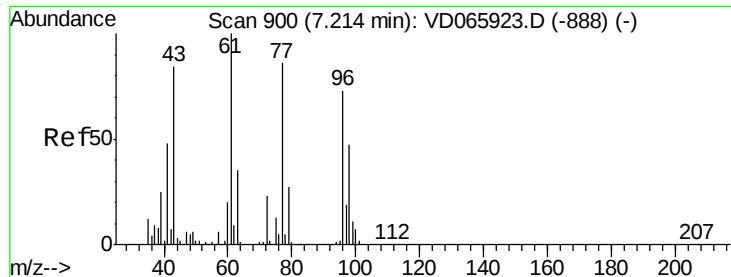
Tot Ion: 43 Resp: 280164
Ion Ratio Lower Upper
43 100
72 25.4 22.1 33.1



#26
2,2-Dichloropropane
Concen: 46.378 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 77 Resp: 327400
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.979 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

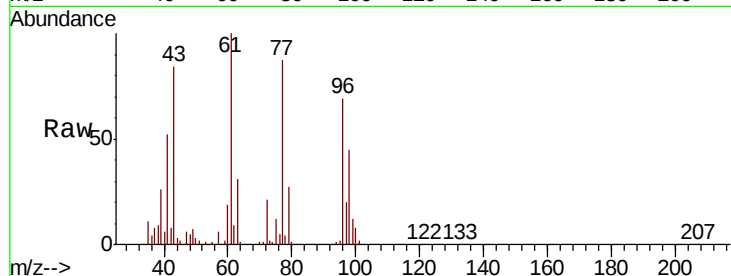
Tot Ion: 96 Resp: 236194

Ion Ratio Lower Upper

96 100

61 143.1 0.0 286.6

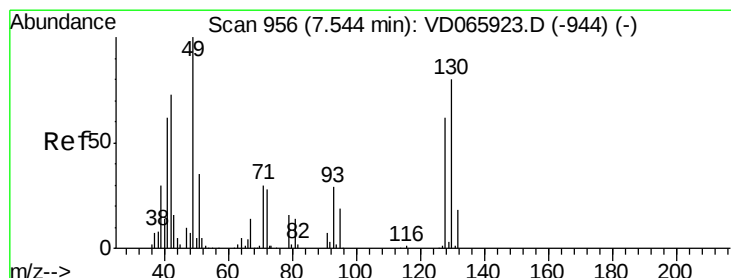
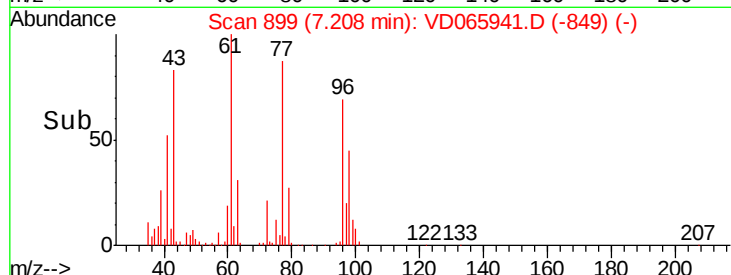
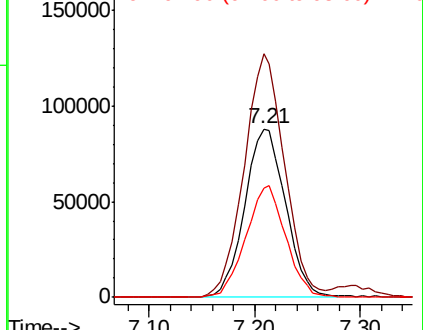
98 65.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 40.321 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

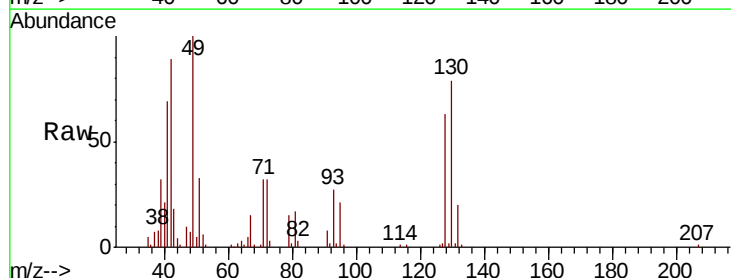
Tgt Ion: 49 Resp: 122914

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.8

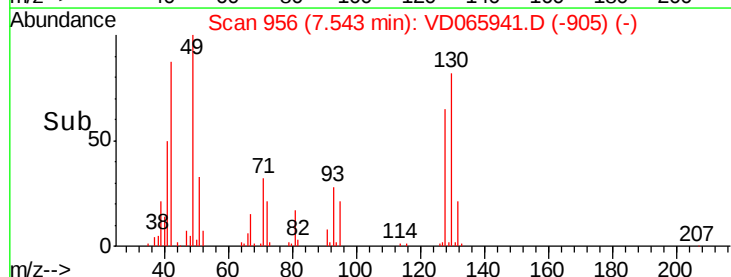
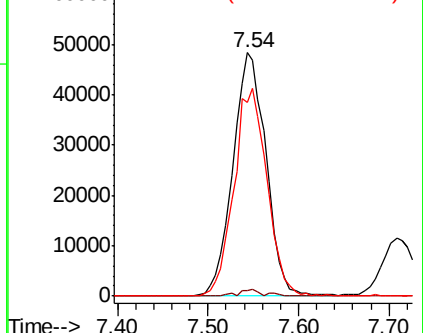
130 84.9 65.8 98.8

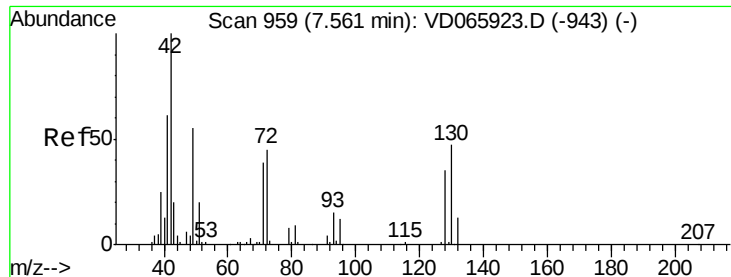


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

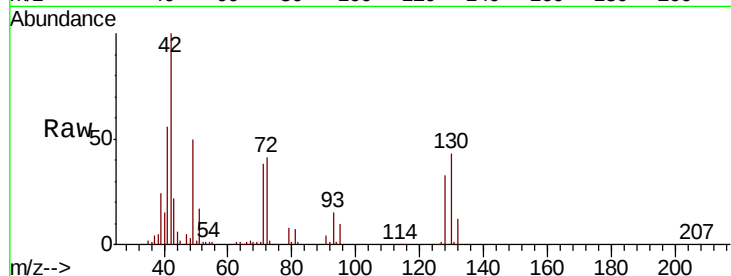




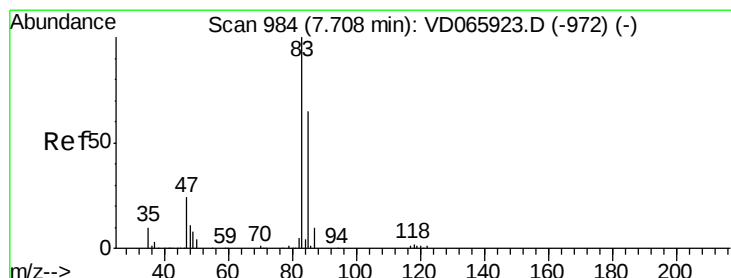
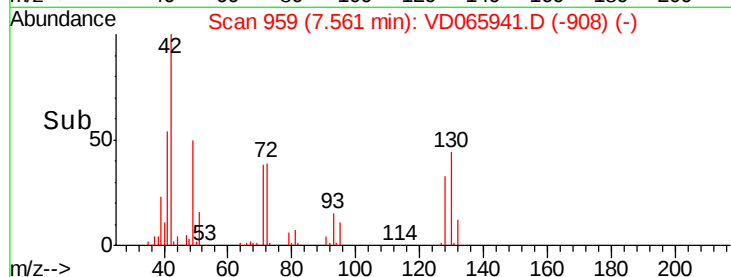
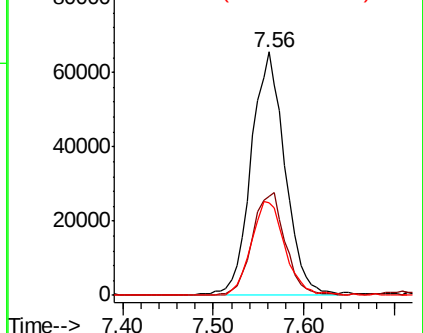
#29
Tetrahydrofuran
Concen: 222.918 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 170578
Ion Ratio Lower Upper
42 100
72 41.1 32.8 49.2
71 38.5 31.0 46.4

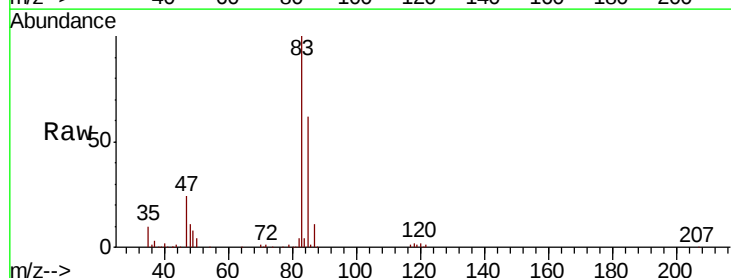


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

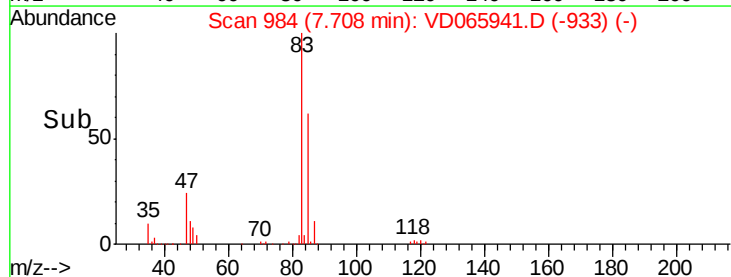
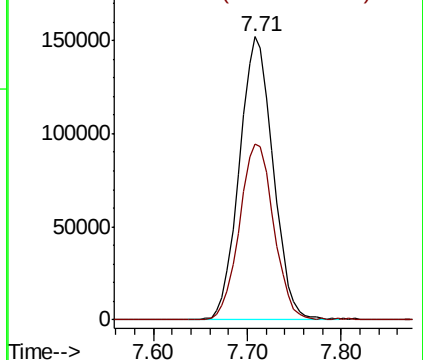


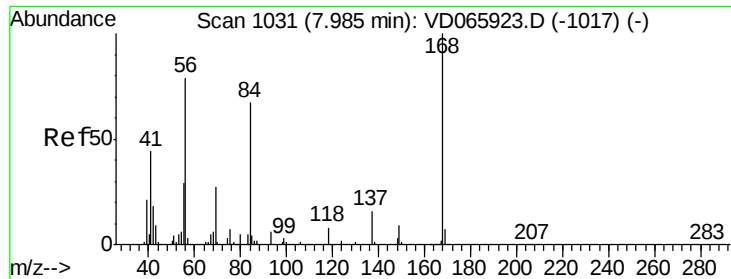
#30
Chloroform
Concen: 46.149 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 83 Resp: 377536
Ion Ratio Lower Upper
83 100
85 62.1 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

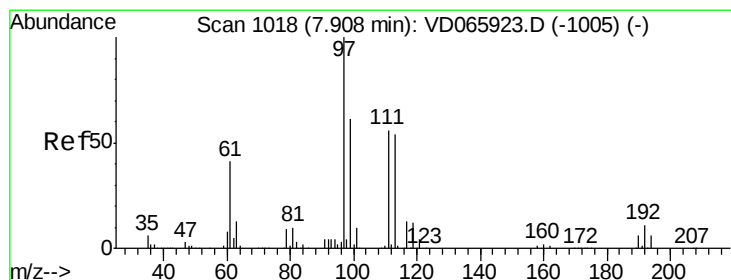
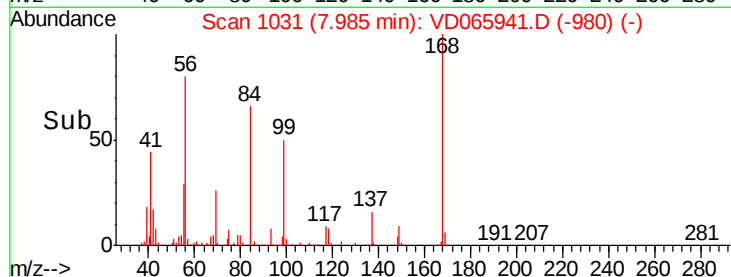
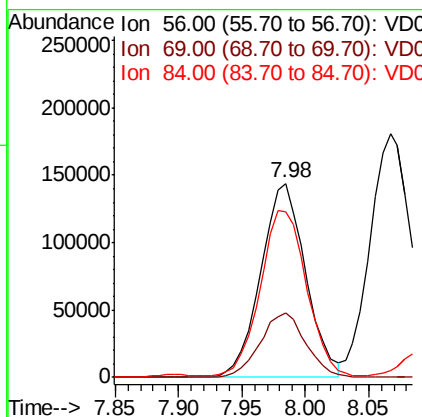
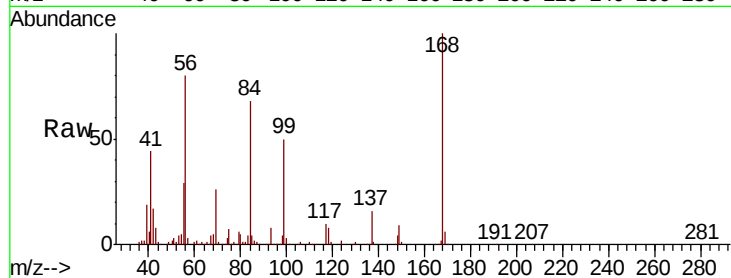




#31
Cyclohexane
Concen: 44.461 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

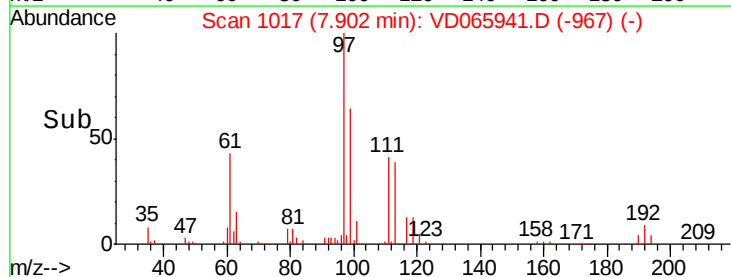
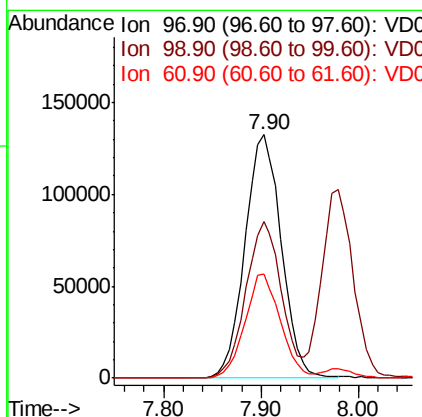
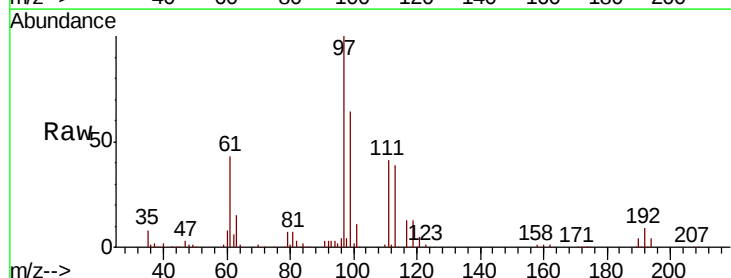
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

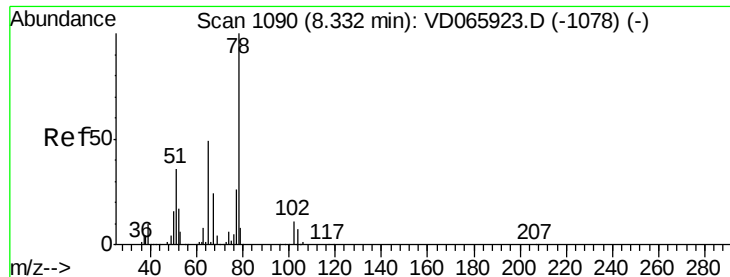
Tot Ion: 56 Resp: 353010
Ion Ratio Lower Upper
56 100
69 32.9 27.4 41.0
84 83.9 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 46.117 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 97 Resp: 344298
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 41.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 42.283 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

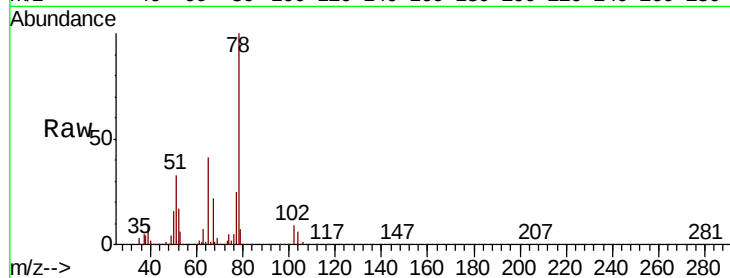
VSTDCCC050EC

Tot Ion: 65 Resp: 164306

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

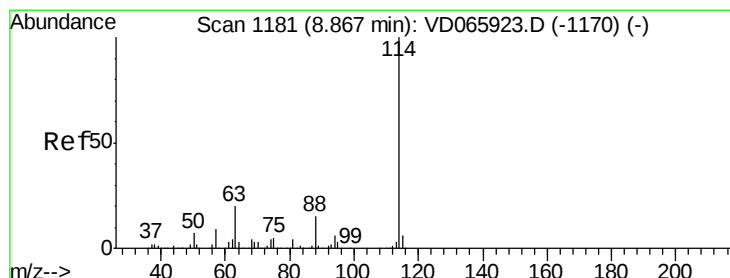
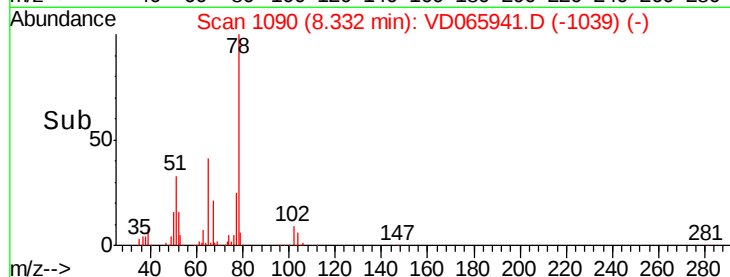
Ion 66.90 (66.60 to 67.60): VDC

8.33

8.35

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

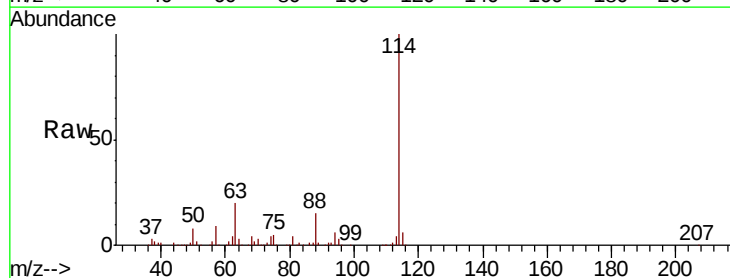
Tgt Ion: 114 Resp: 648444

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

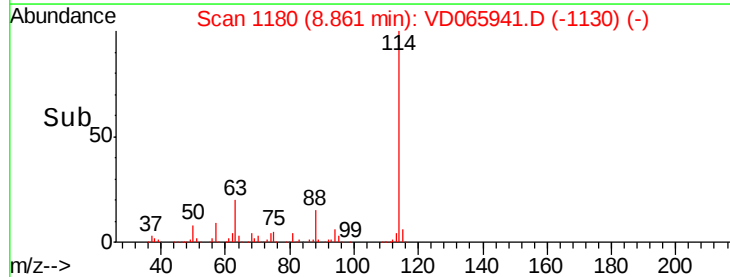
Ion 87.90 (87.60 to 88.60): VDC

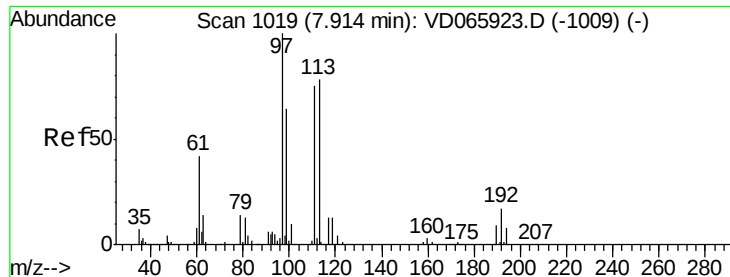
8.86

8.90

9.00

Time-->

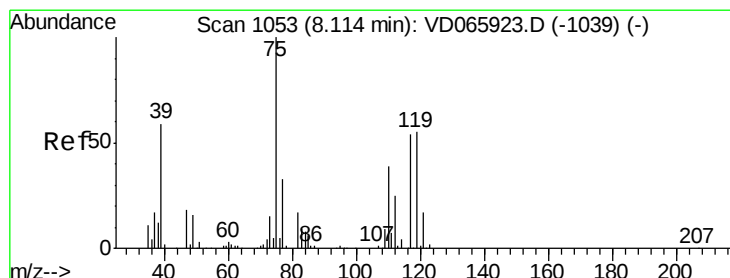
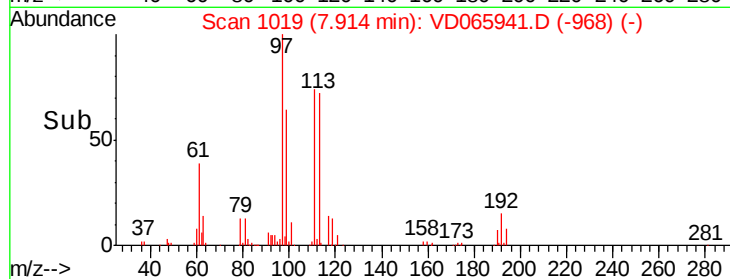
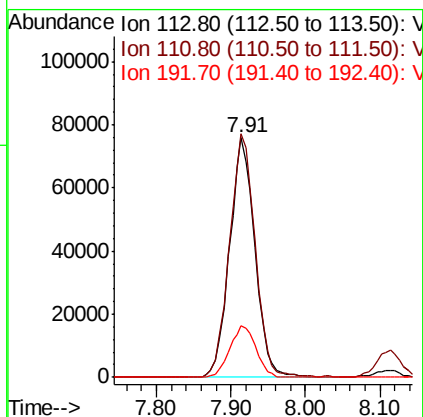
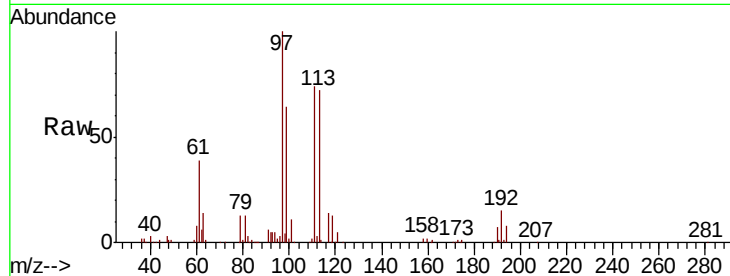




#35
 Dibromofluoromethane
 Concen: 44.602 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

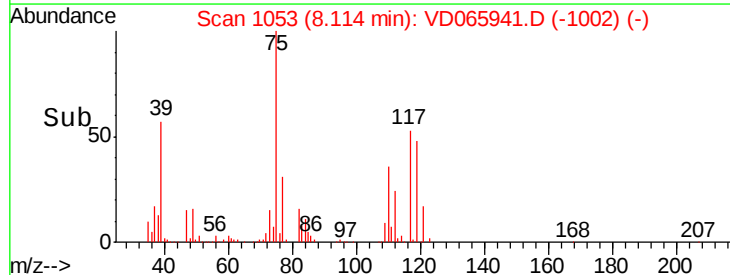
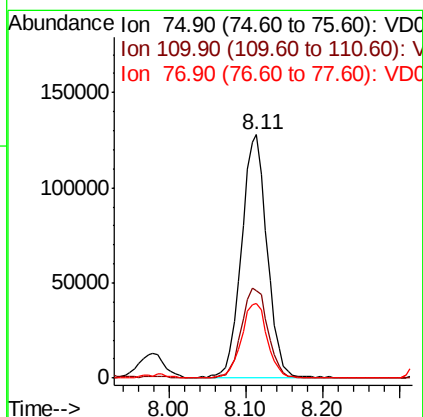
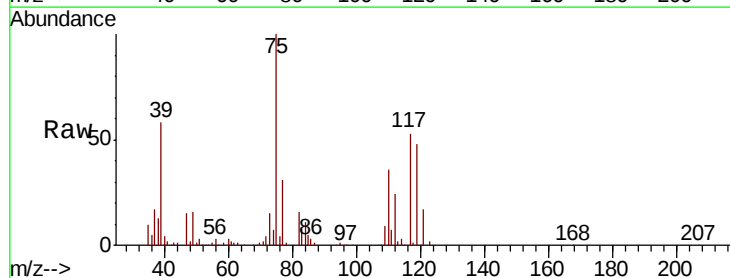
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

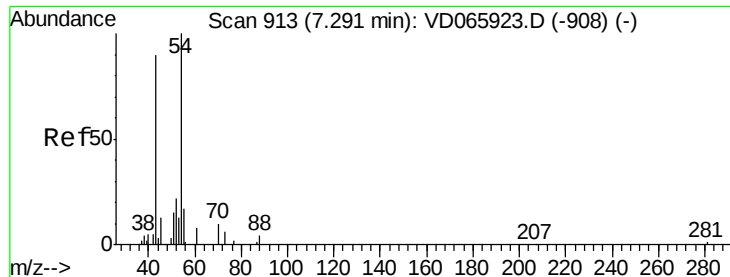
Tot Ion:113 Resp: 178414
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.9 121.3
 192 22.2 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 46.414 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 75 Resp: 297252
 Ion Ratio Lower Upper
 75 100
 110 38.4 18.5 55.5
 77 31.5 25.6 38.4

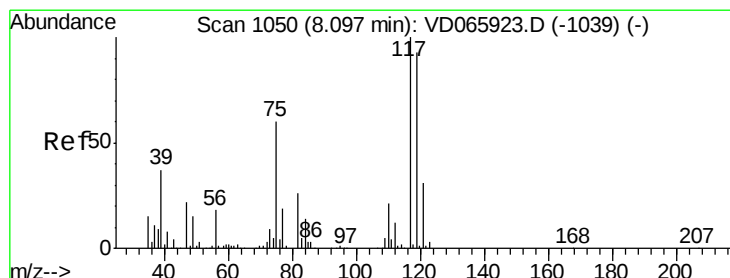
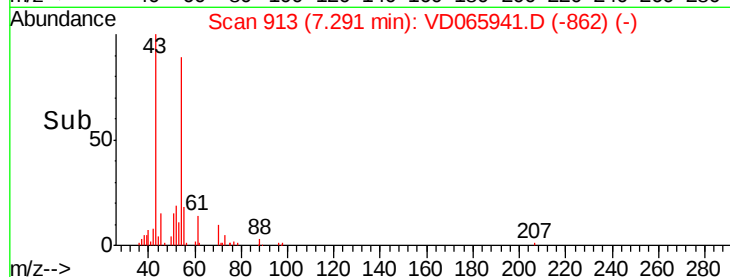
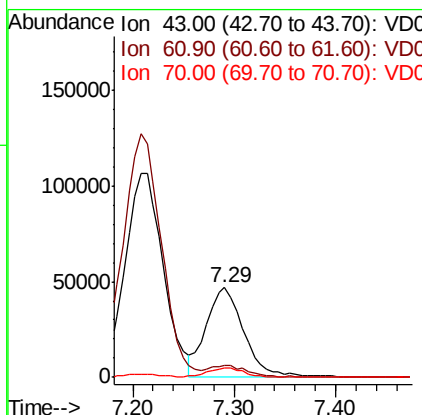
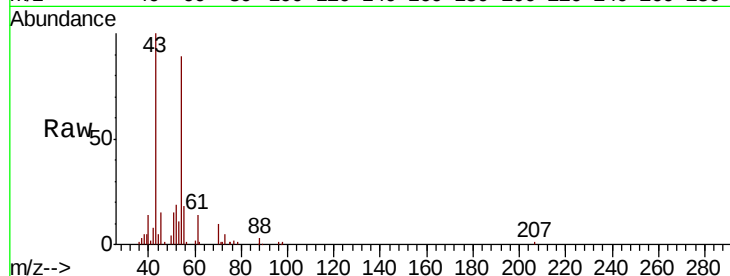




#37
Ethyl Acetate
Concen: 44.572 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

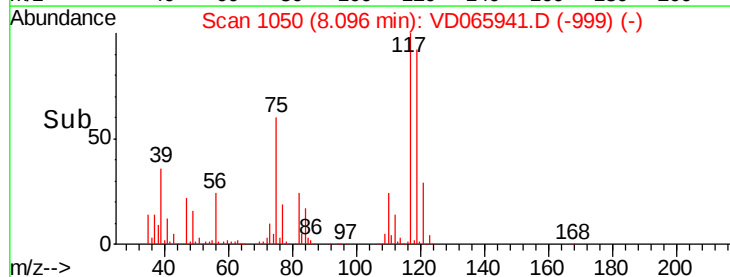
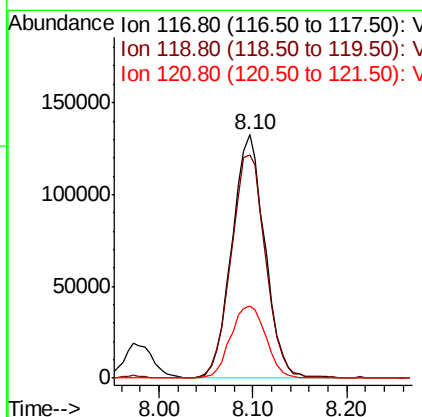
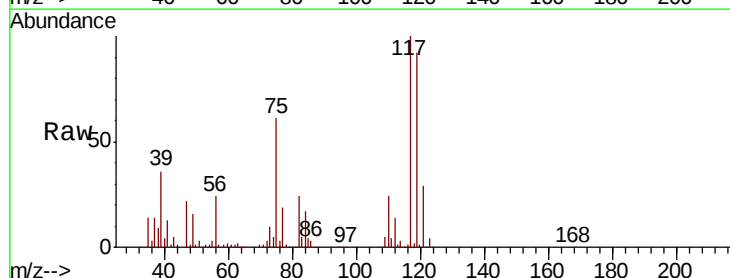
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

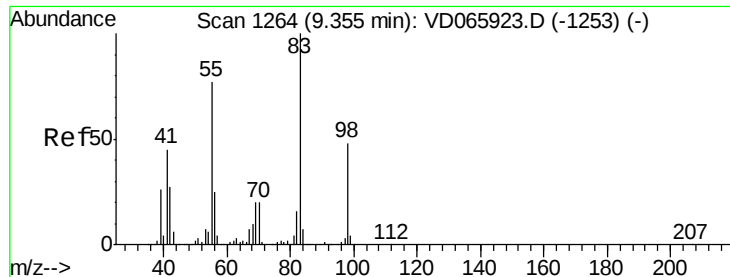
Tot Ion: 43 Resp: 119605
Ion Ratio Lower Upper
43 100
61 12.8 9.4 14.0
70 10.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 46.695 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 117 Resp: 320532
Ion Ratio Lower Upper
117 100
119 91.9 74.7 112.1
121 29.5 24.9 37.3

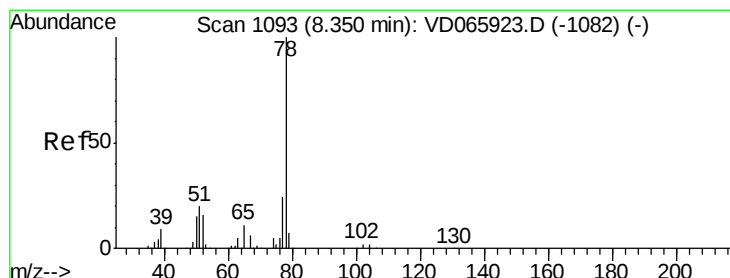
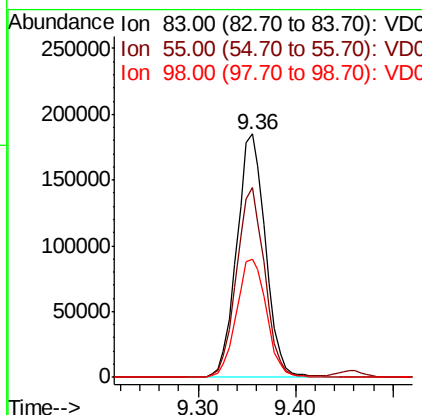
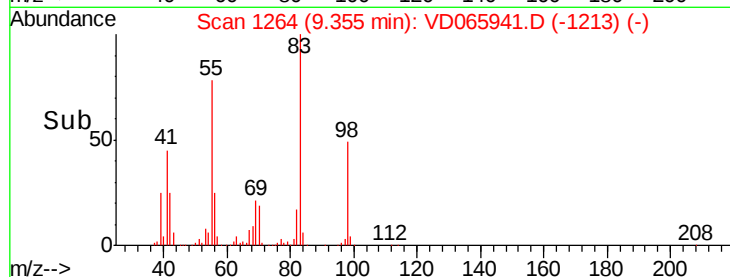
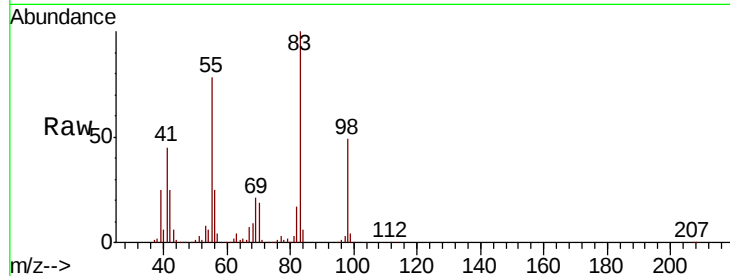




#39
Methvlcvclohexane
Concen: 48.307 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

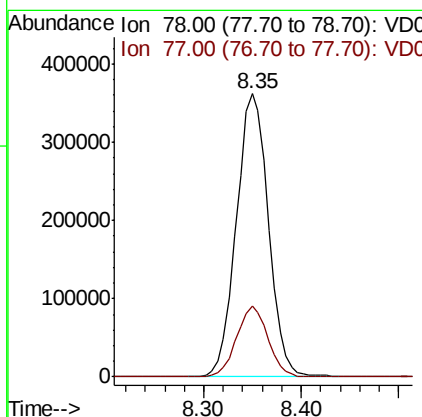
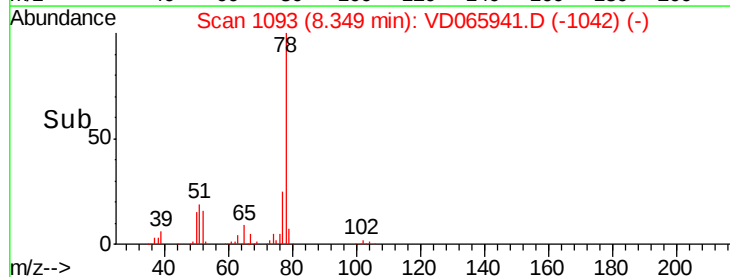
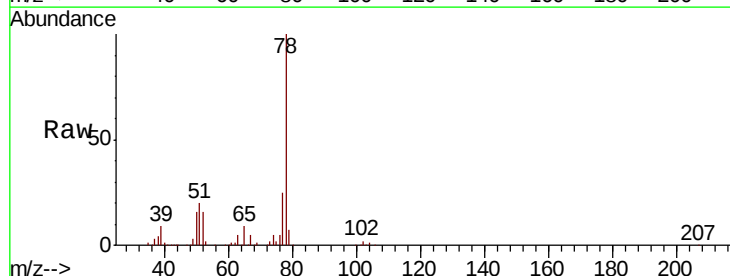
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

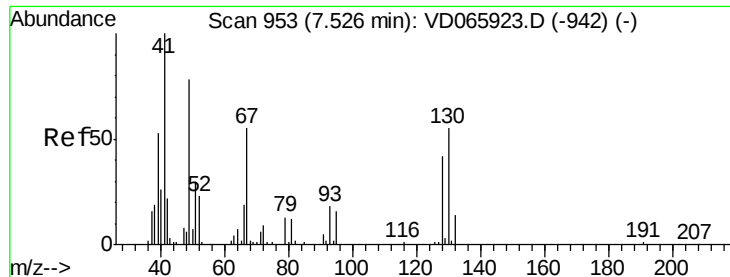
Tot Ion: 83 Resp: 379822
Ion Ratio Lower Upper
83 100
55 77.9 61.7 92.5
98 48.8 38.6 58.0



#40
Benzene
Concen: 46.976 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 78 Resp: 831126
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0

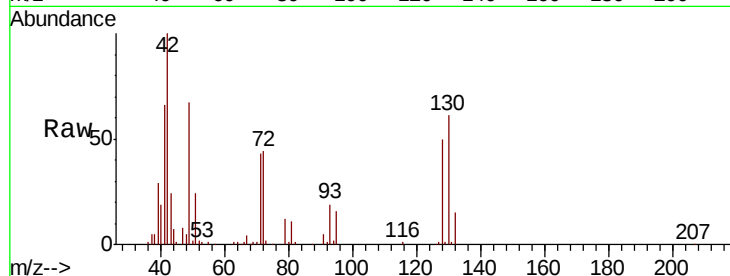




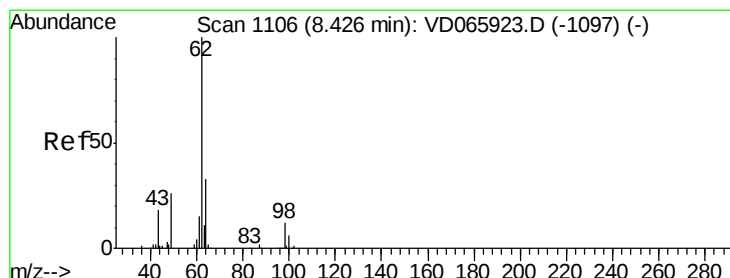
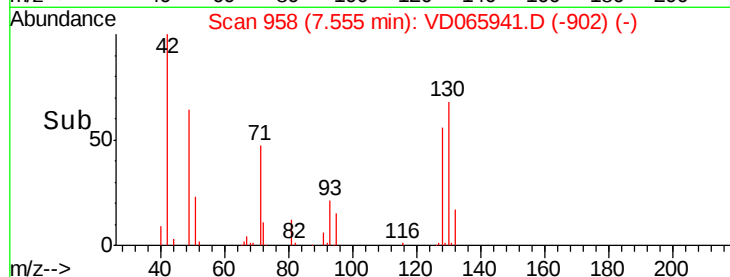
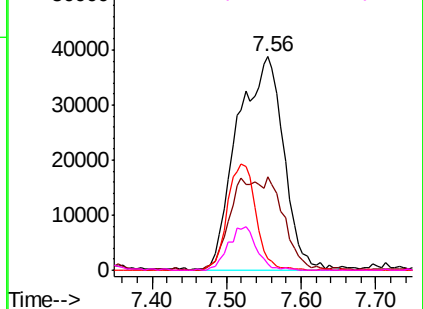
#41
Methacrylonitrile
Concen: 107.593 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 167627
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 0.0 53.6 80.4#
52 0.0 22.2 33.2#

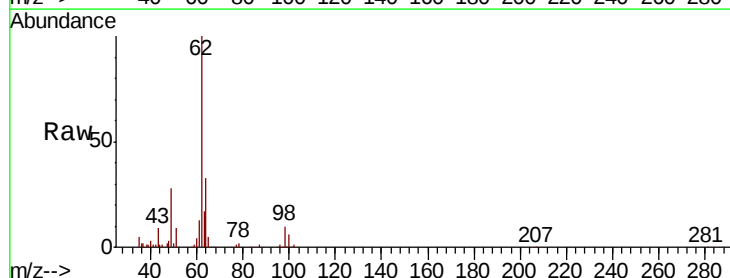


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

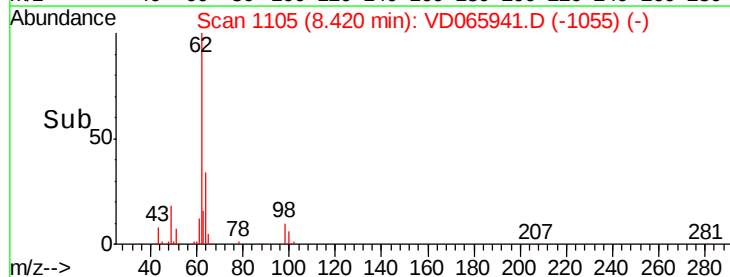
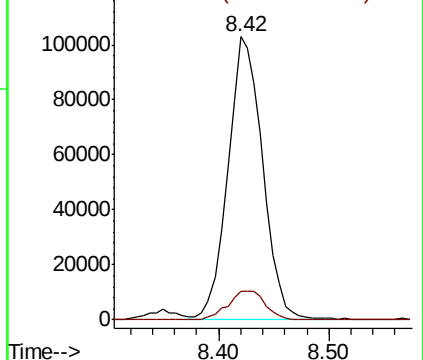


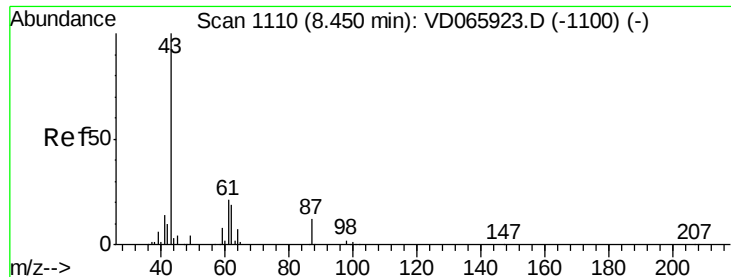
#42
1,2-Dichloroethane
Concen: 44.930 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 62 Resp: 225199
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.998 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

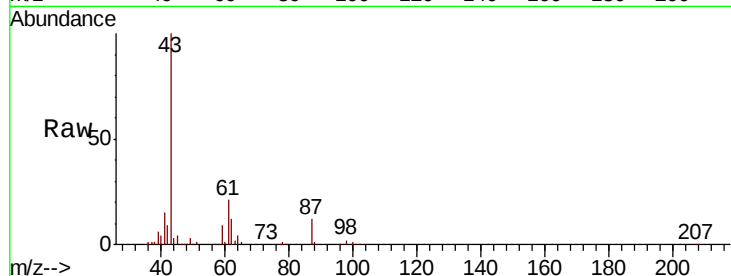
Tot Ion: 43 Resp: 234746

Ion Ratio Lower Upper

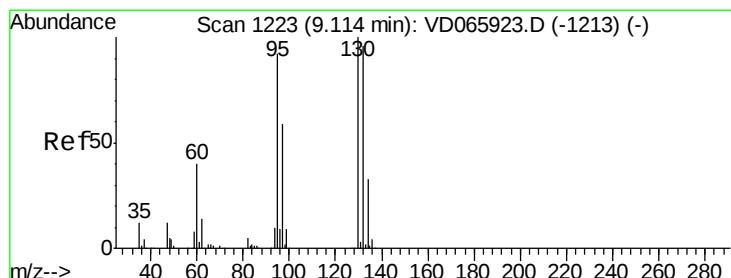
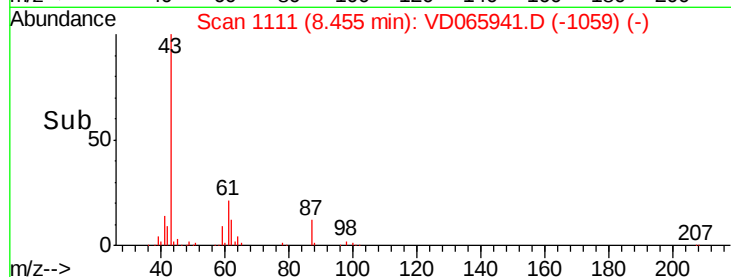
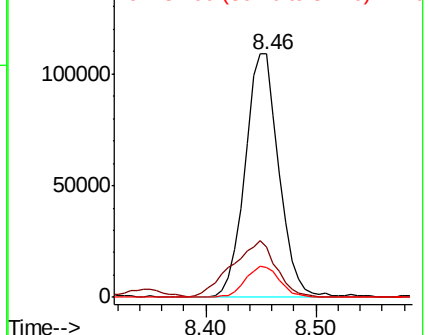
43 100

61 30.3 23.2 34.8

87 12.8 10.0 15.0



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



#44

Trichloroethene

Concen: 46.888 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065941.D

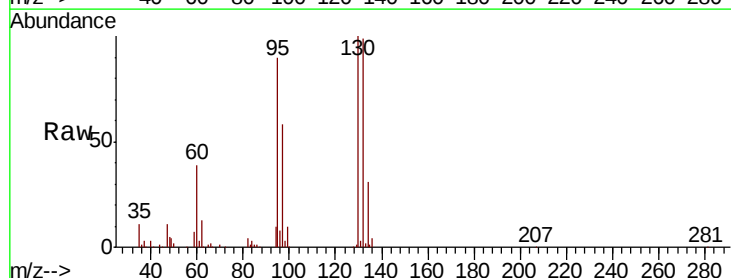
Acq: 08 Jul 2020 15:40

Tgt Ion: 130 Resp: 243744

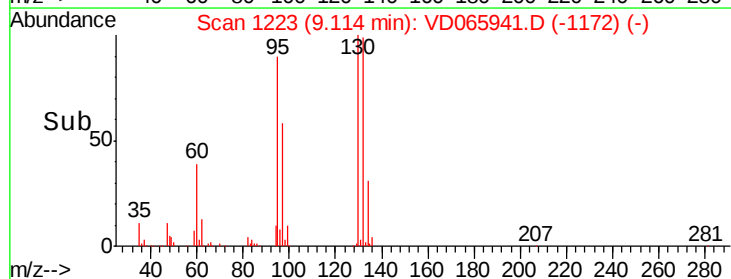
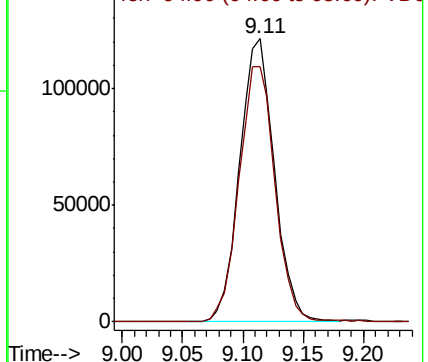
Ion Ratio Lower Upper

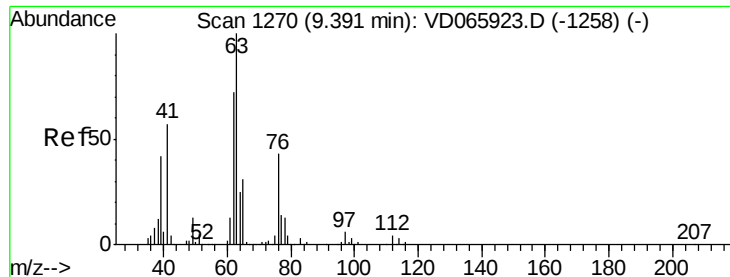
130 100

95 90.2 0.0 184.6



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

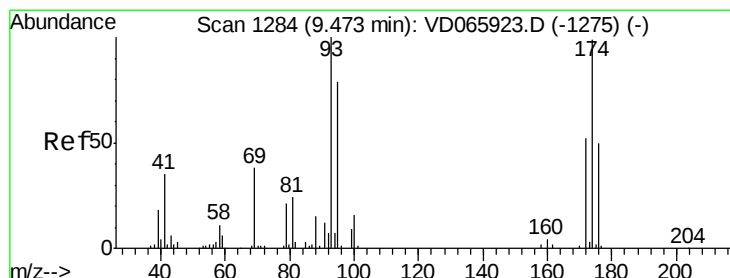
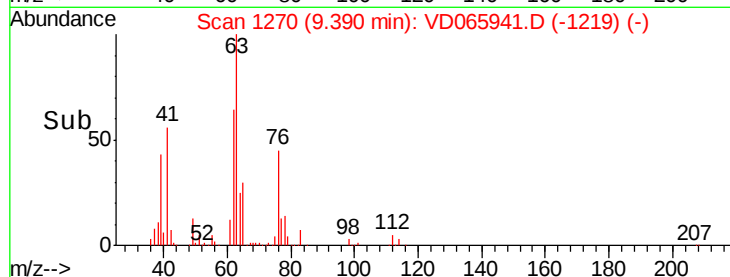
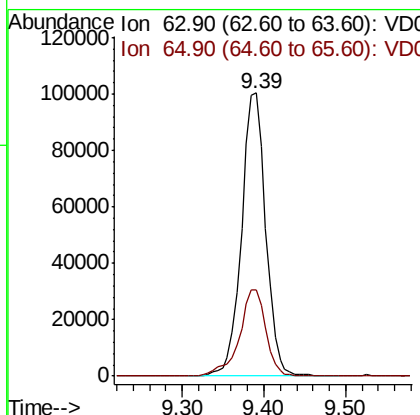
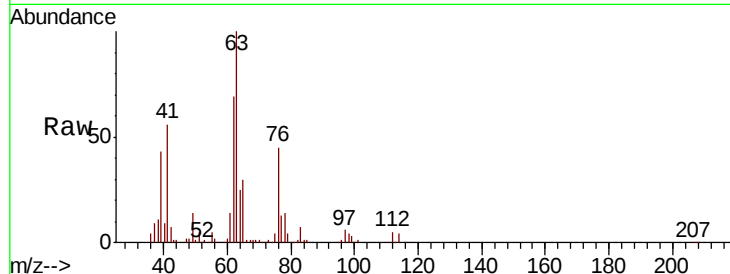




#45
 1,2-Dichloropropane
 Concen: 47.170 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

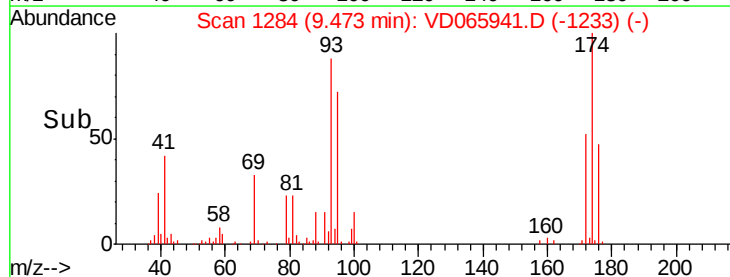
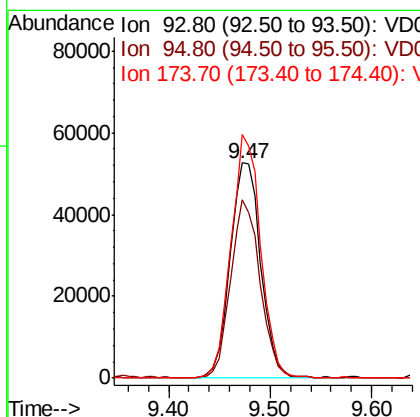
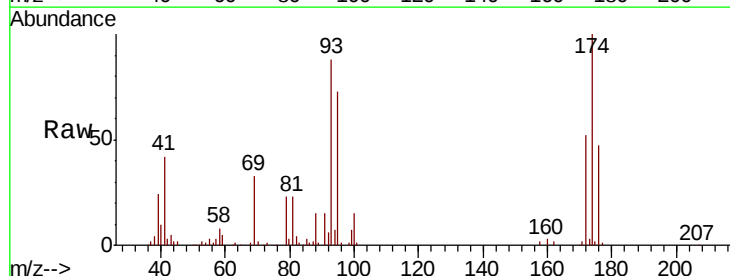
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

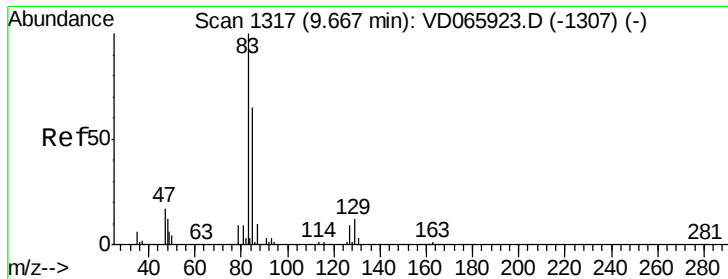
Tot Ion: 63 Resp: 207140
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 47.982 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 93 Resp: 109697
 Ion Ratio Lower Upper
 93 100
 95 80.4 68.2 102.2
 174 109.9 88.0 132.0





#47

Bromodichloromethane

Concen: 45.735 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

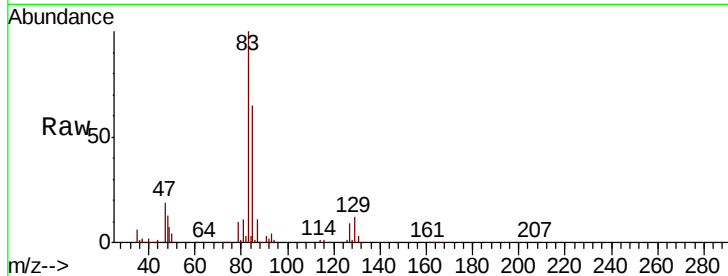
Tot Ion: 83 Resp: 280474

Ion Ratio Lower Upper

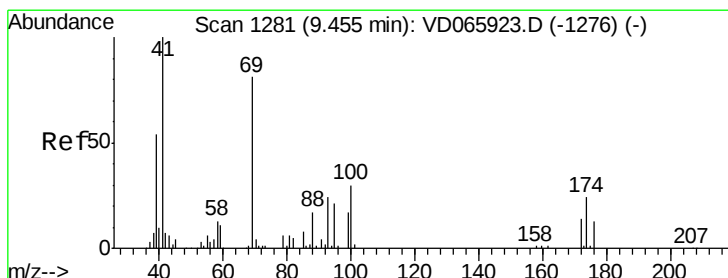
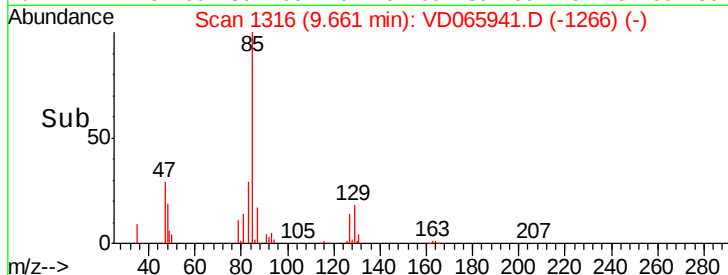
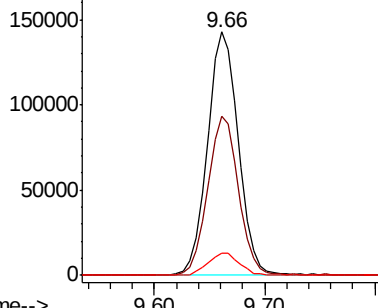
83 100

85 65.3 51.6 77.4

127 9.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.897 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

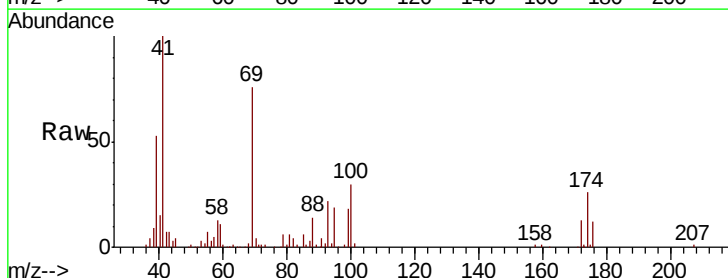
Tgt Ion: 41 Resp: 125465

Ion Ratio Lower Upper

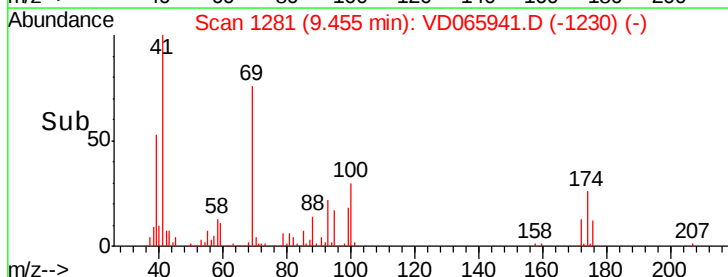
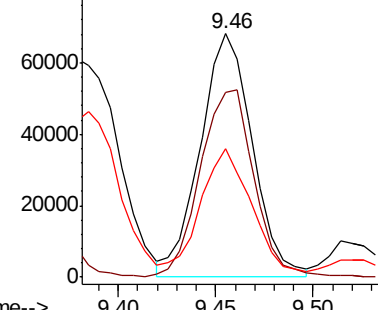
41 100

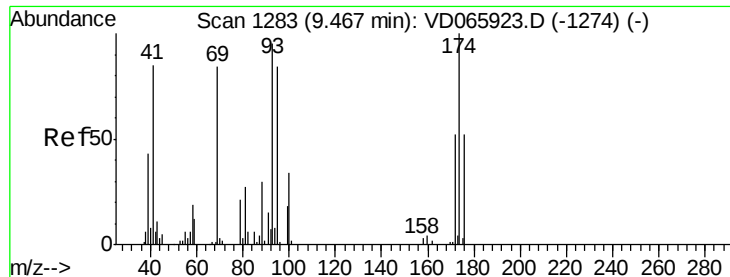
69 80.3 62.2 93.4

39 48.0 39.9 59.9



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 918.727 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

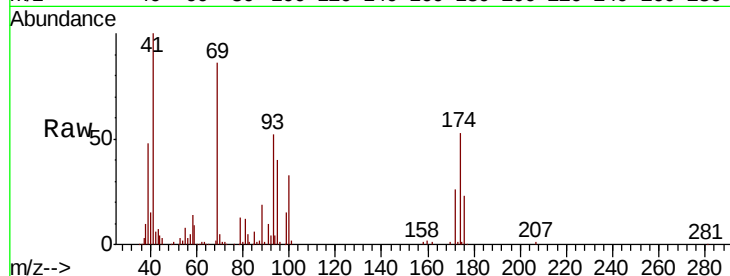
Tot Ion: 88 Resp: 24957

Ion Ratio Lower Upper

88 100

43 34.7 28.2 42.4

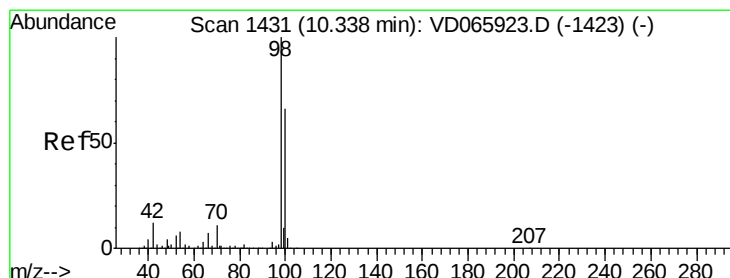
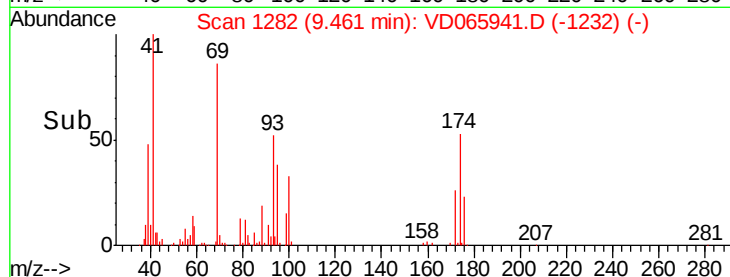
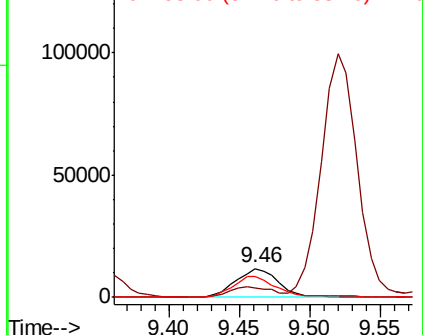
58 72.5 58.6 87.8



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 45.591 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD065941.D

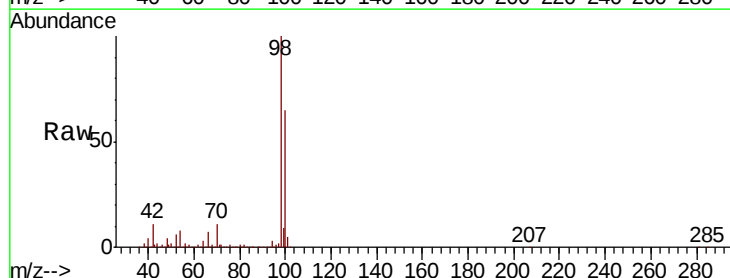
Acq: 08 Jul 2020 15:40

Tgt Ion: 98 Resp: 665415

Ion Ratio Lower Upper

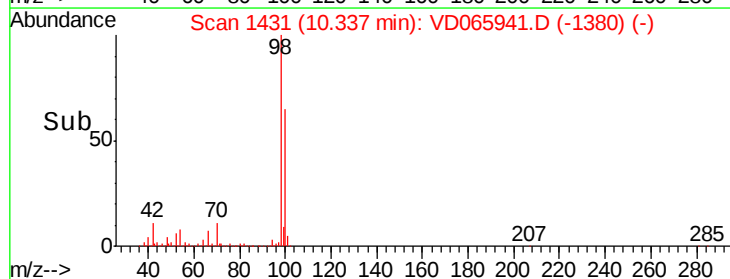
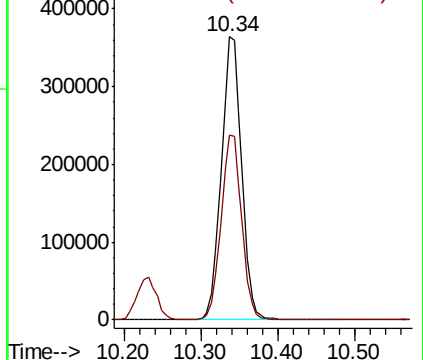
98 100

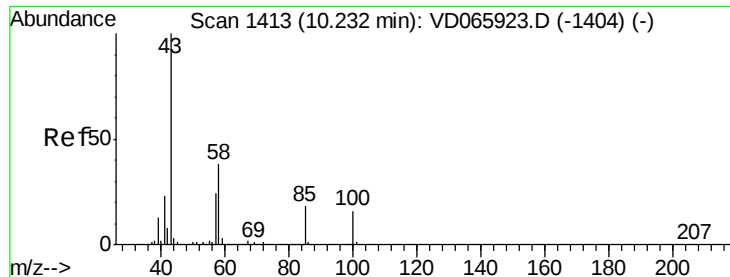
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 233.644 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

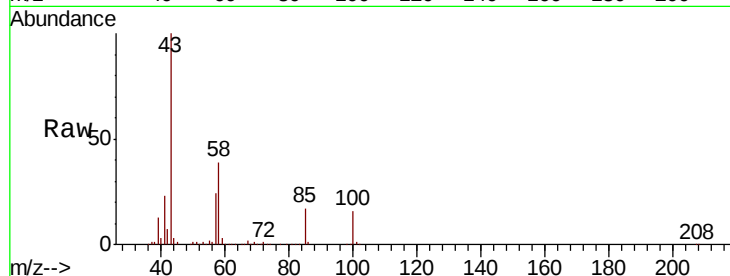
VSTDCCC050EC

Tot Ion: 43 Resp: 590000

Ion Ratio Lower Upper

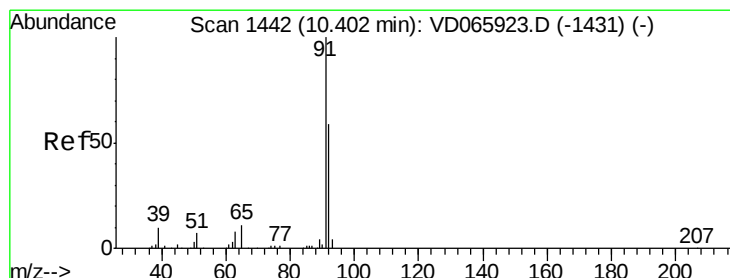
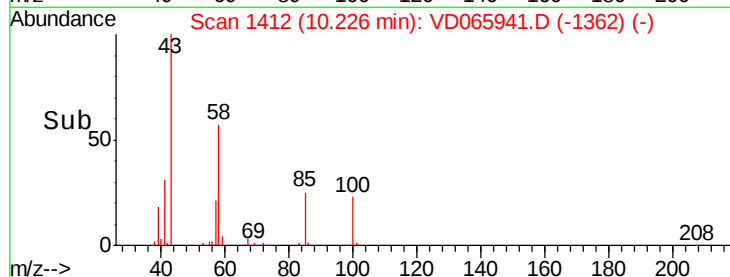
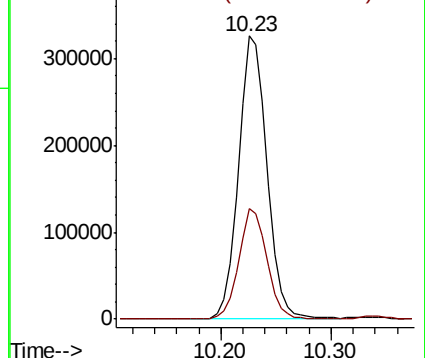
43 100

58 38.5 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.440 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065941.D

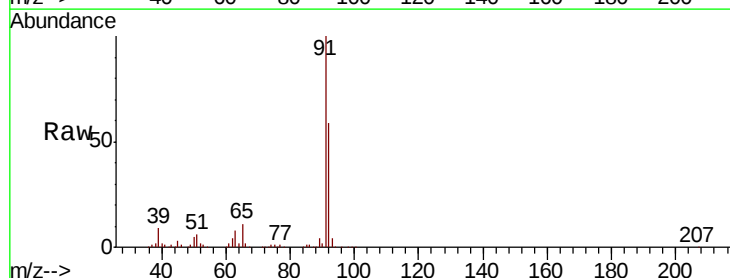
Acq: 08 Jul 2020 15:40

Tgt Ion: 92 Resp: 545240

Ion Ratio Lower Upper

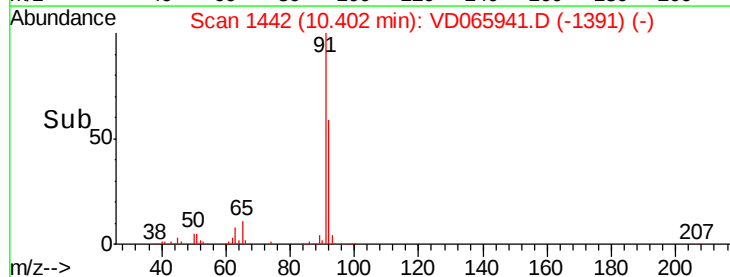
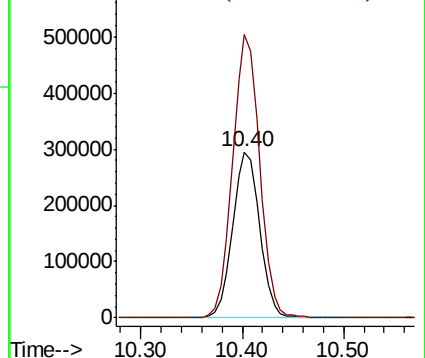
92 100

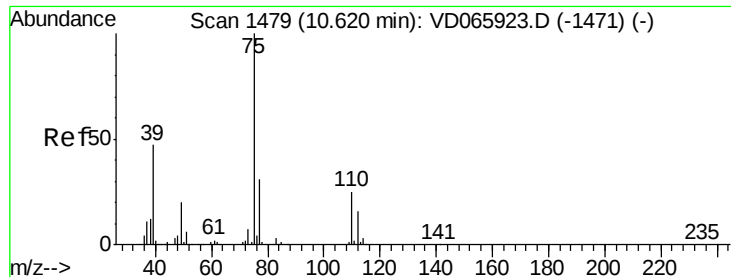
91 171.1 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 47.742 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

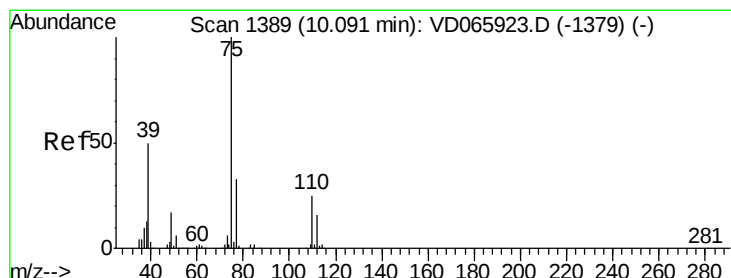
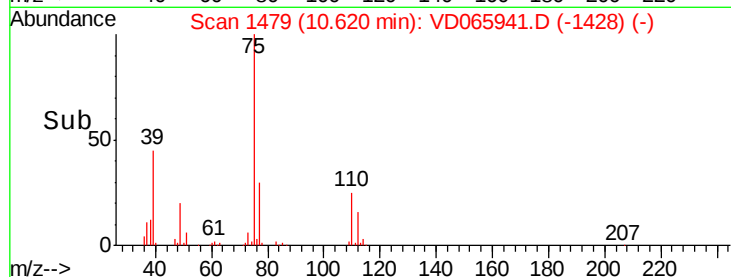
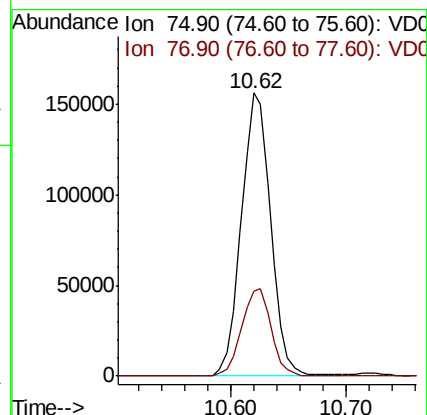
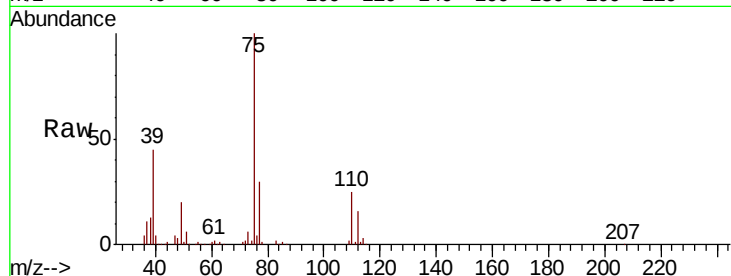
VSTDCCC050EC

Tot Ion: 75 Resp: 275298

Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 47.133 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

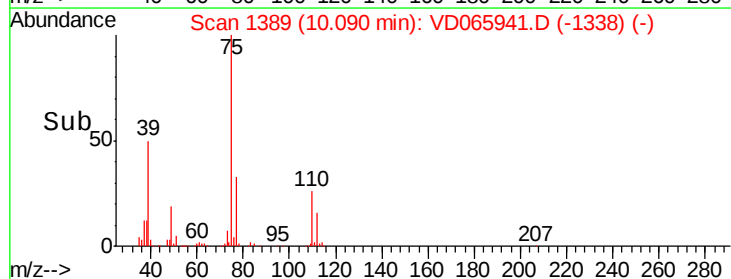
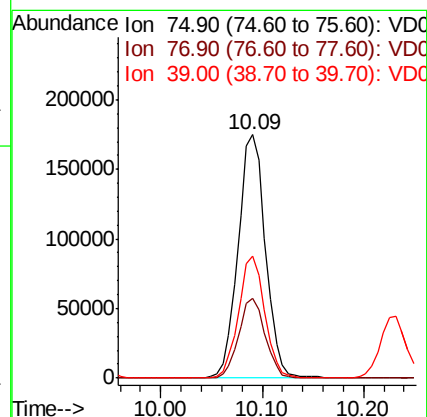
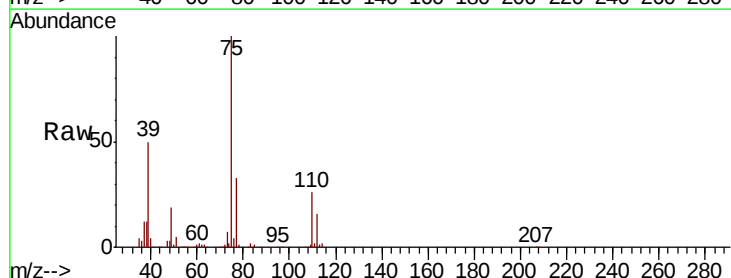
Tgt Ion: 75 Resp: 328407

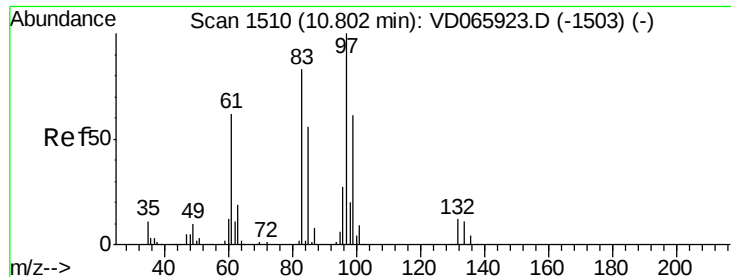
Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8

39 49.9 39.6 59.4

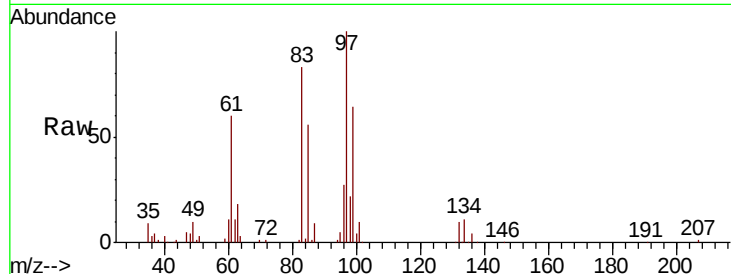




#55
 1,1,2-Trichloroethane
 Concen: 47.645 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	150078
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.9	100.3
85	56.3	44.5	66.7
99	63.7	49.2	73.8



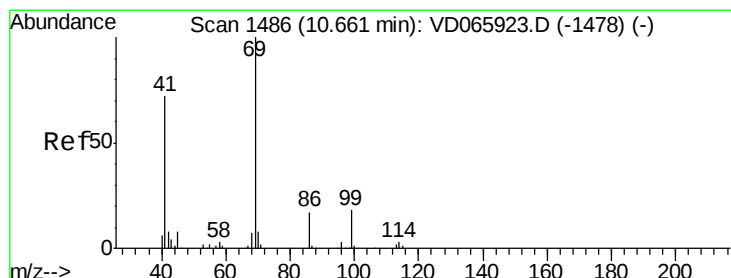
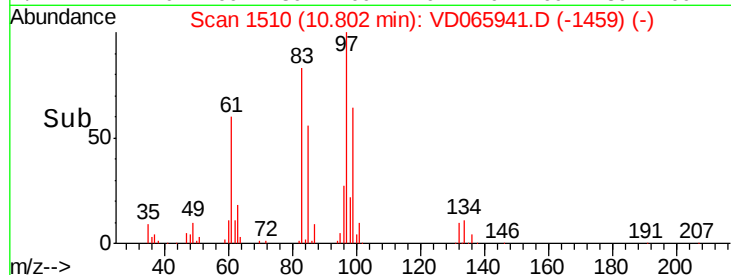
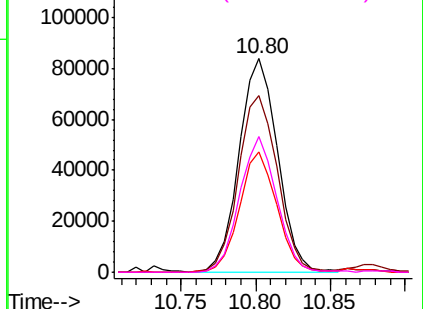
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

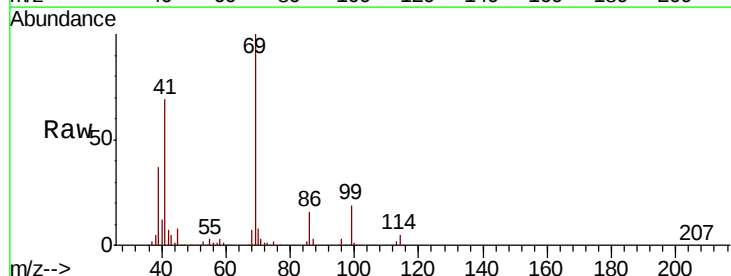
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 49.402 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion:	69	Resp:	190064
Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.5	84.7
39	35.5	29.2	43.8

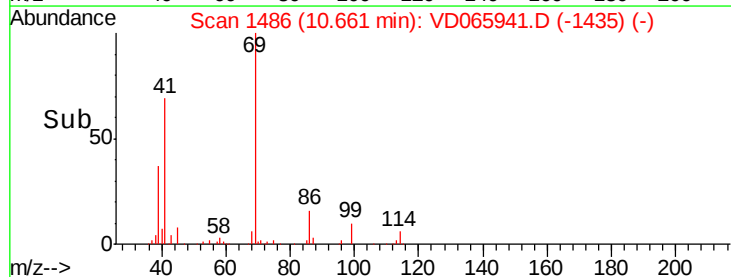
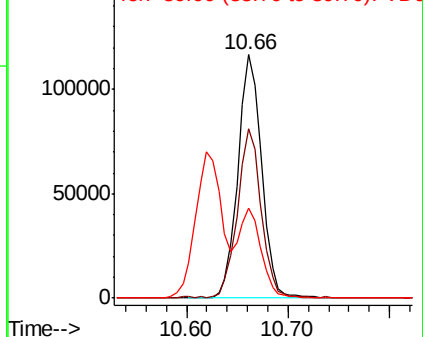


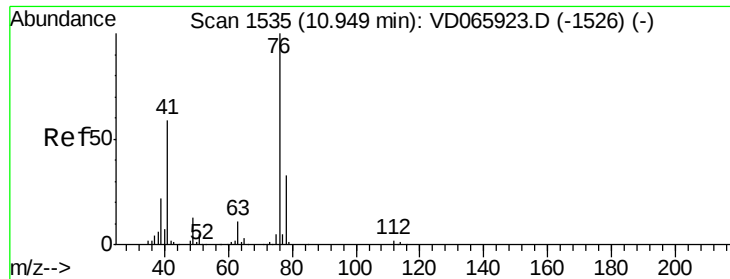
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

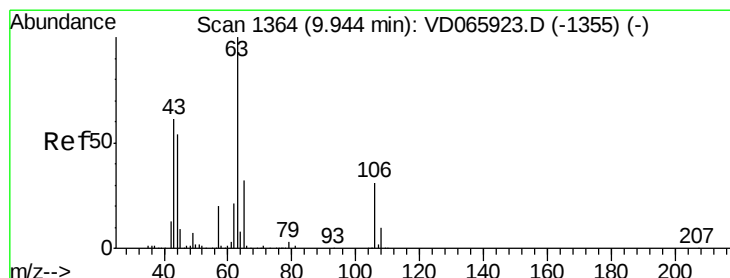
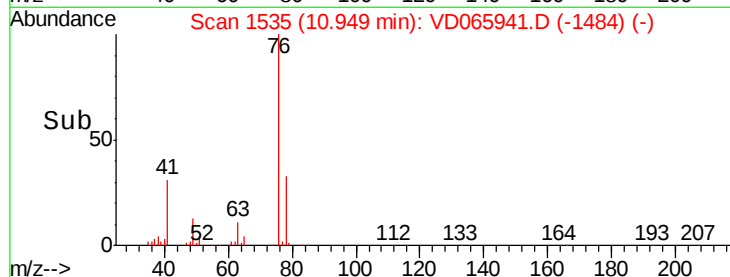
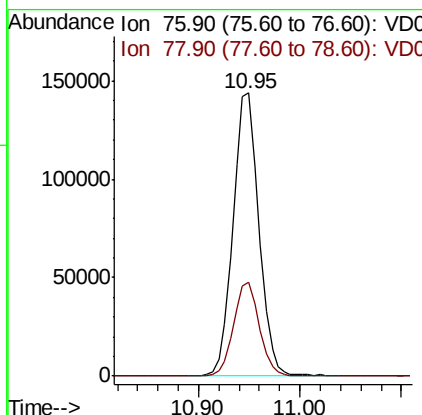
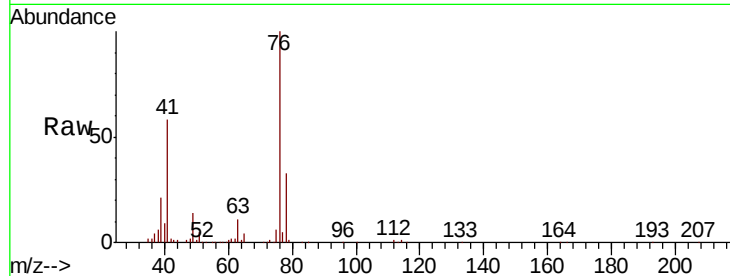




#57
 1,3-Dichloropropane
 Concen: 46.272 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

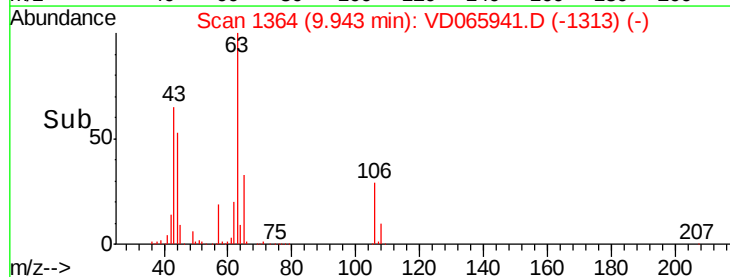
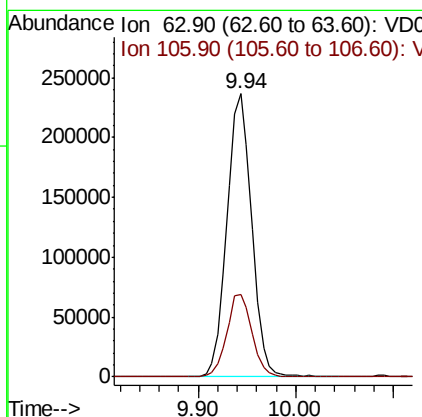
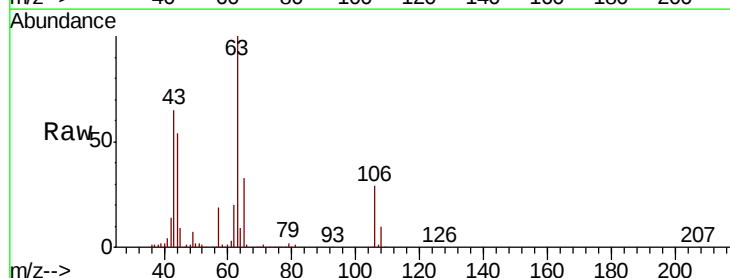
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

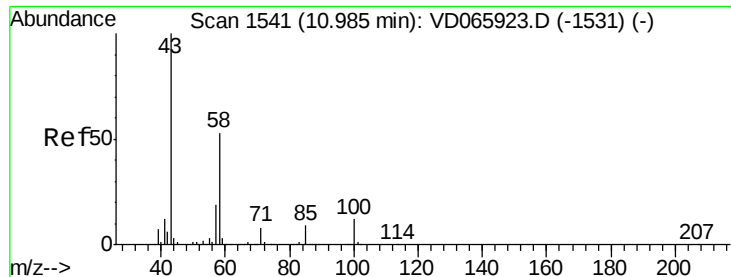
Tot Ion: 76 Resp: 254896
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.530 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 63 Resp: 416492
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.6

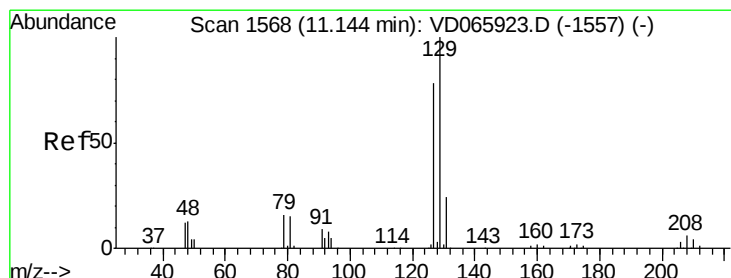
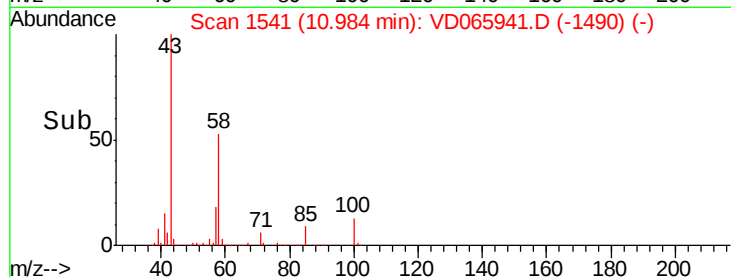
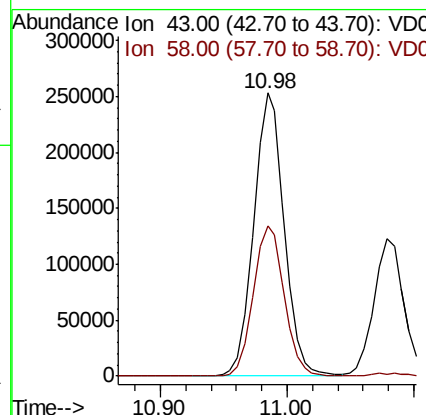
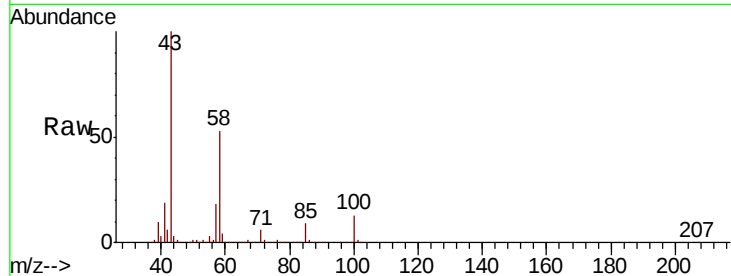




#59
2-Hexanone
Concen: 243.403 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

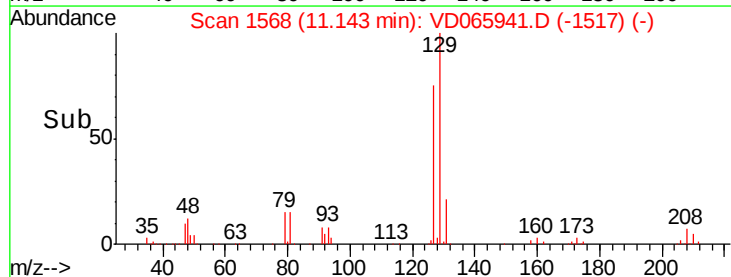
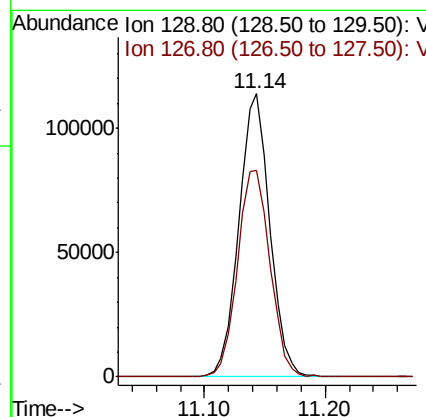
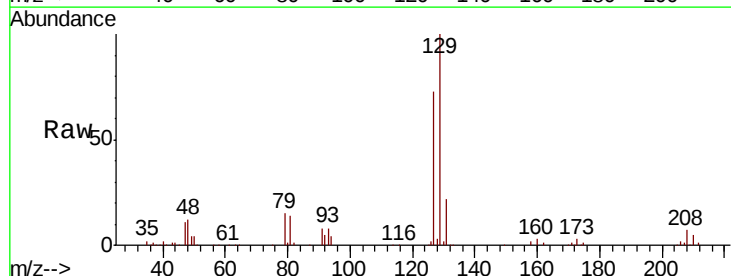
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

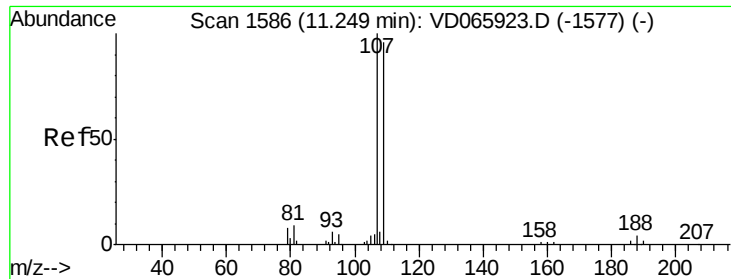
Tot Ion: 43 Resp: 422713
Ion Ratio Lower Upper
43 100
58 54.0 26.6 79.8



#60
Dibromochloromethane
Concen: 47.274 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 129 Resp: 203449
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4

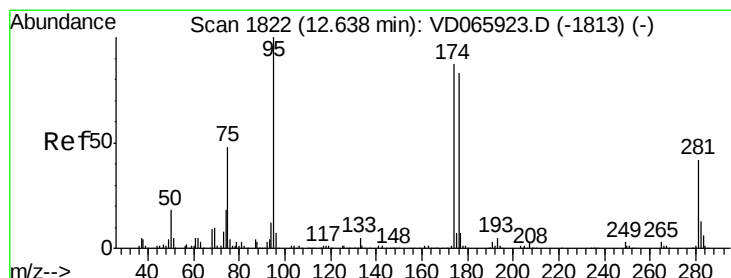
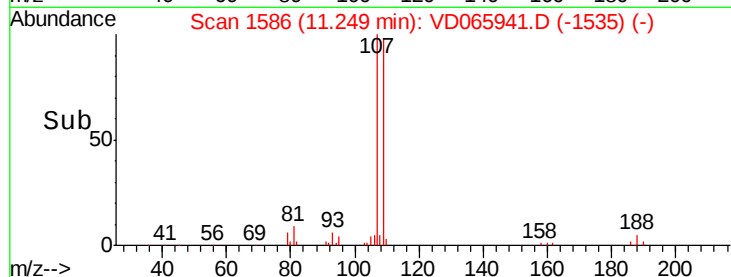
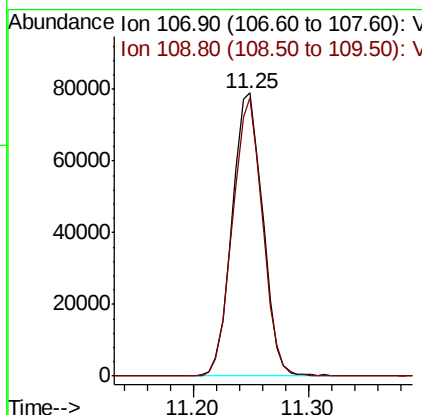
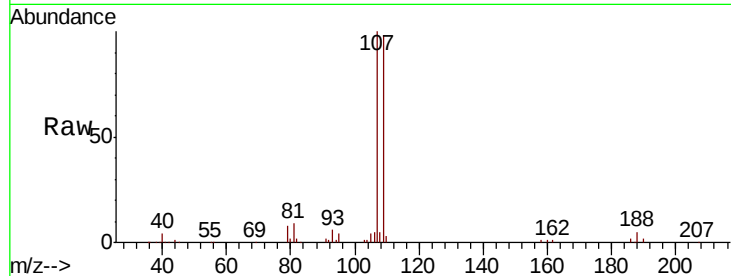




#61
 1,2-Dibromoethane
 Concen: 46.262 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

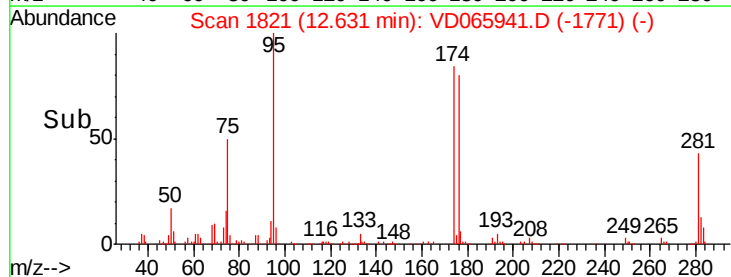
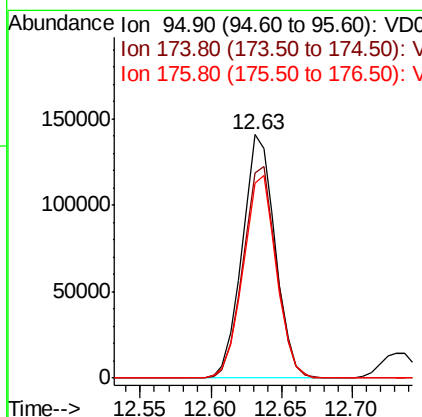
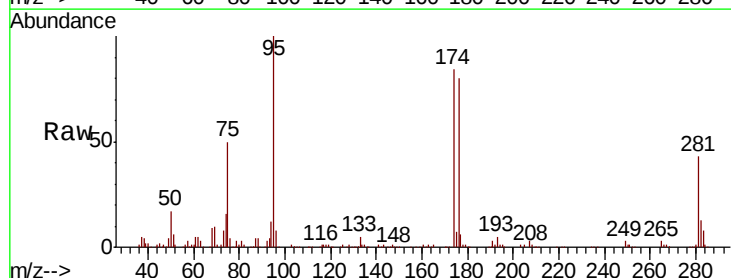
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

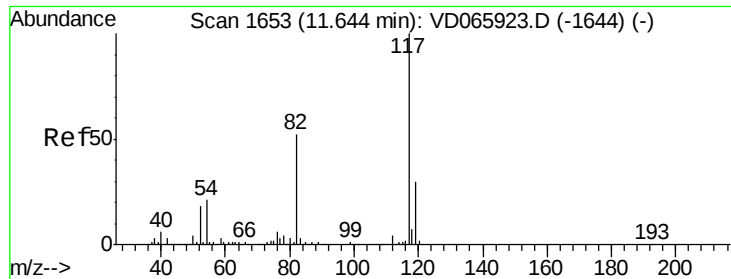
Tot Ion: 107 Resp: 145291
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 45.928 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 95 Resp: 230194
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 169.4
 176 84.2 0.0 164.0

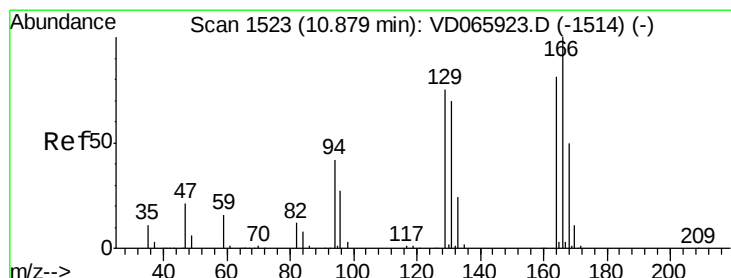
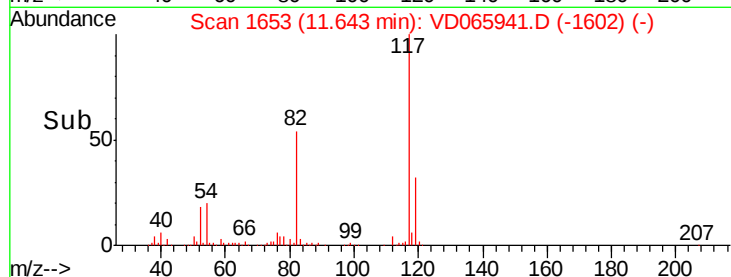
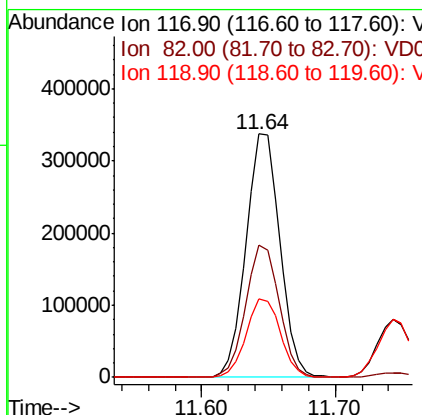
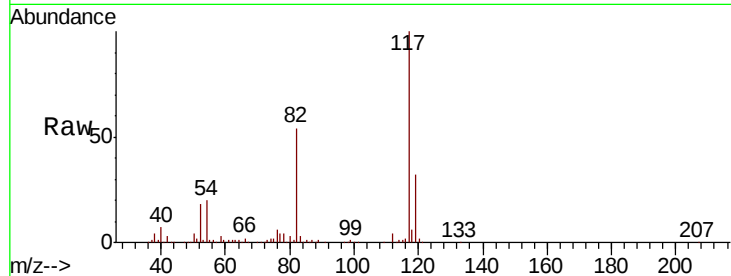




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

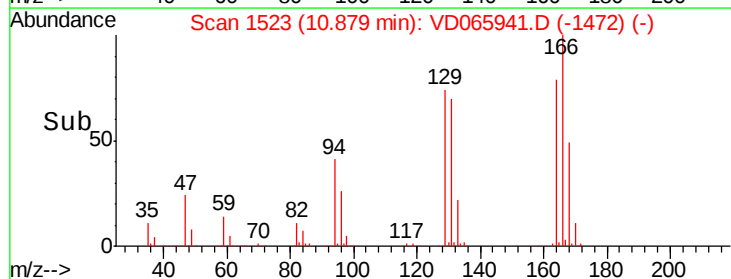
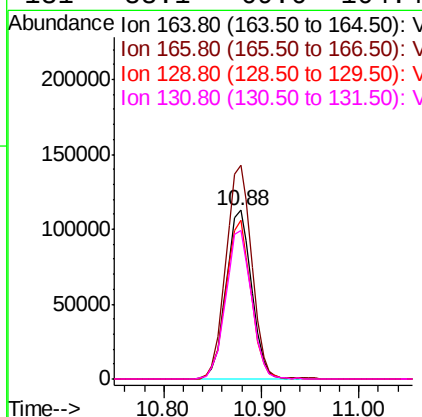
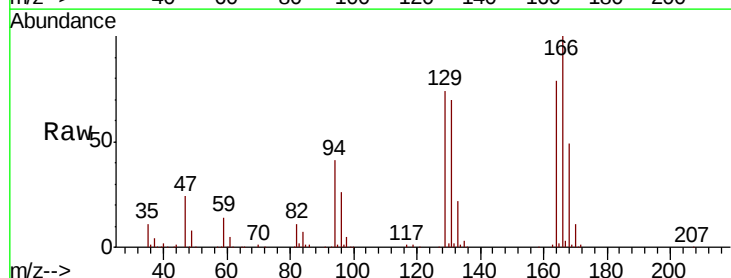
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

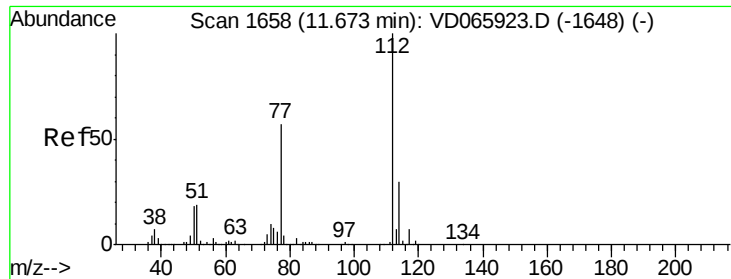
Tot Ion:117 Resp: 592236
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.2 24.3 36.5



#64
Tetrachloroethene
Concen: 47.660 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion:164 Resp: 205266
Ion Ratio Lower Upper
164 100
166 126.5 99.0 148.4
129 94.0 73.9 110.9
131 88.1 69.6 104.4





#65

Chlorobenzene

Concen: 47.647 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

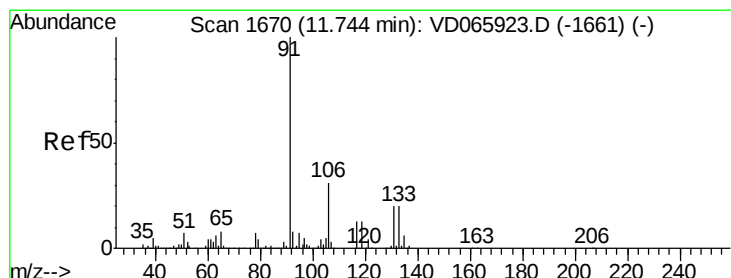
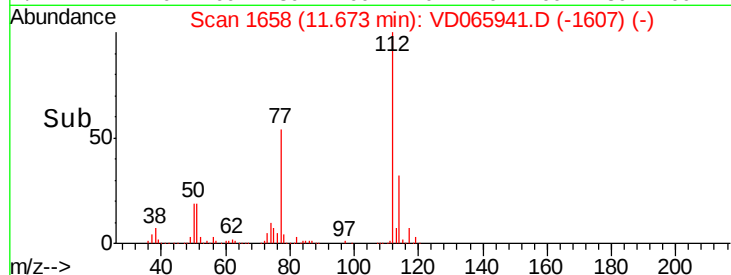
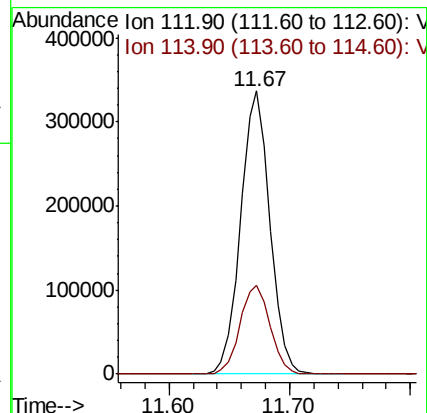
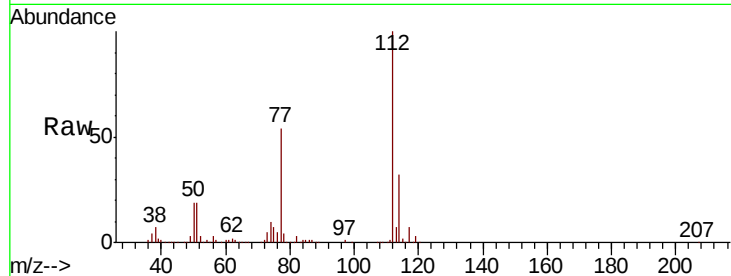
VSTDCCC050EC

Tot Ion:112 Resp: 568660

Ion Ratio Lower Upper

112 100

114 31.5 24.2 36.4



#66

1,1,1,2-Tetrachloroethane

Concen: 48.147 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

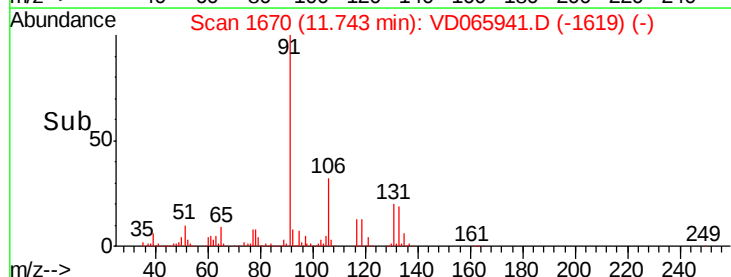
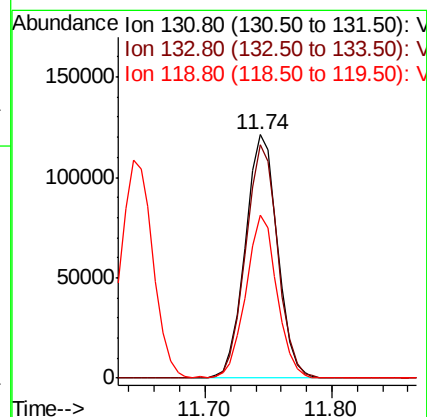
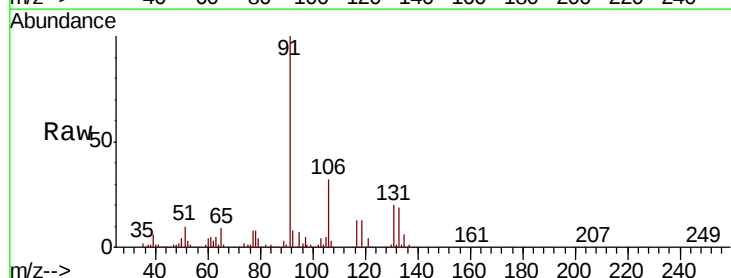
Tgt Ion:131 Resp: 214922

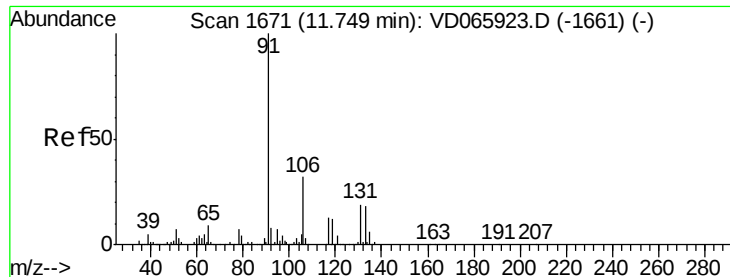
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 64.1 31.9 95.9





#67

Ethyl Benzene

Concen: 48.491 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

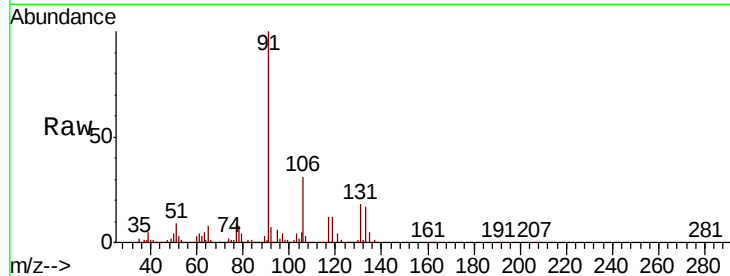
VSTDCCC050EC

Tot Ion: 91 Resp: 1028122

Ion Ratio Lower Upper

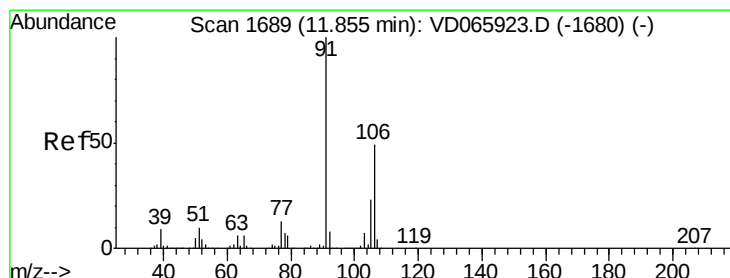
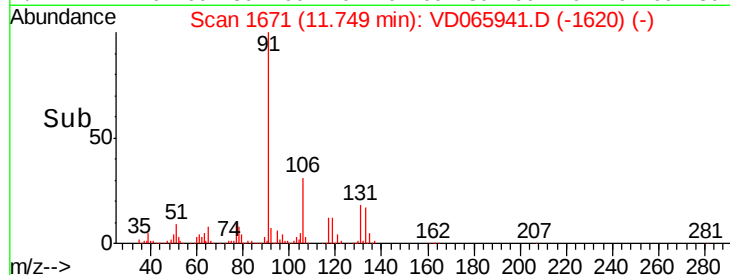
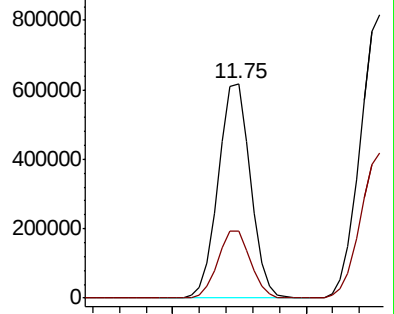
91 100

106 31.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 98.225 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065941.D

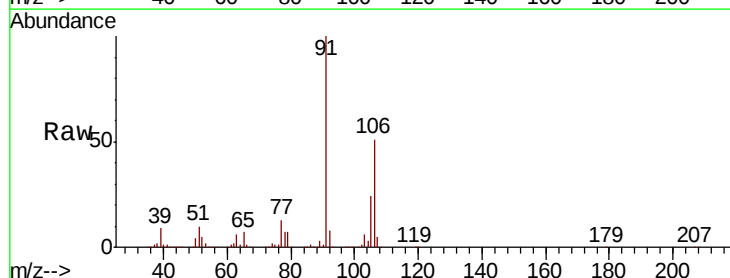
Acq: 08 Jul 2020 15:40

Tgt Ion: 106 Resp: 791232

Ion Ratio Lower Upper

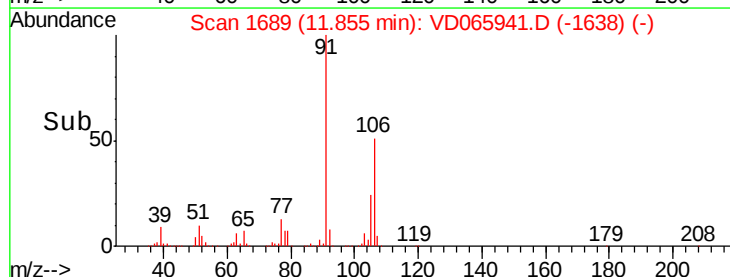
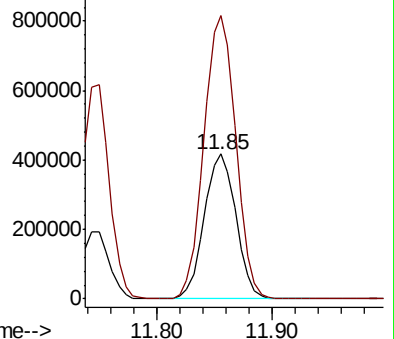
106 100

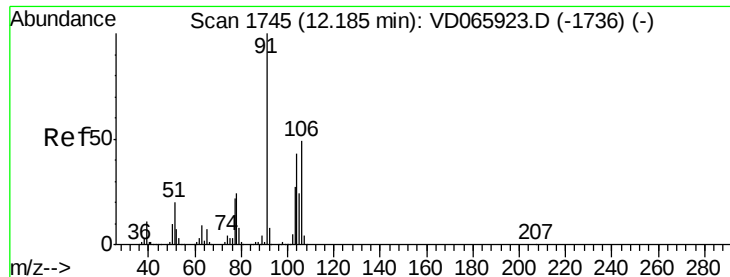
91 196.8 158.2 237.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

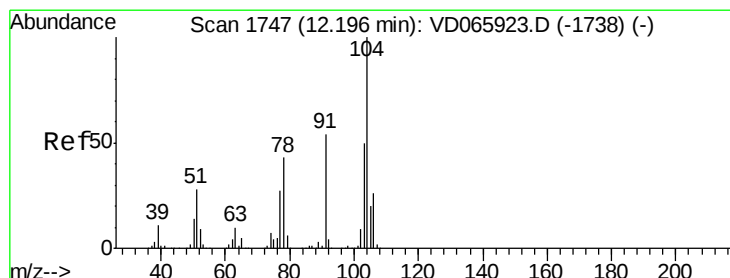
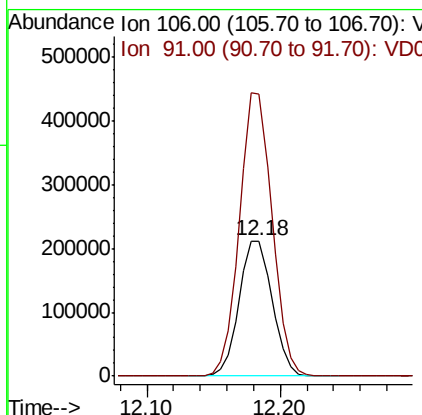
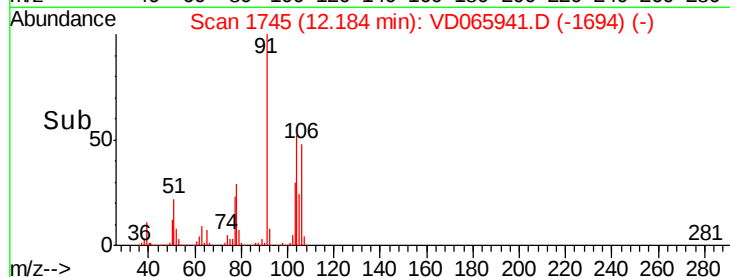
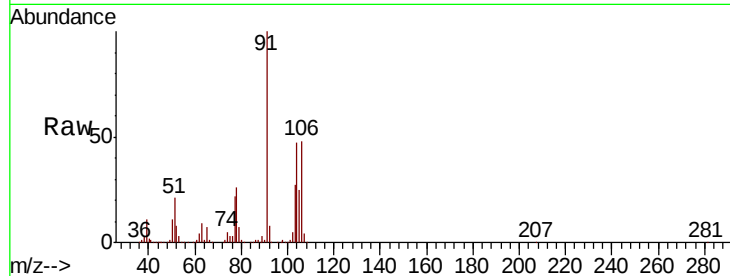




#69
o-Xylene
Concen: 49.560 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

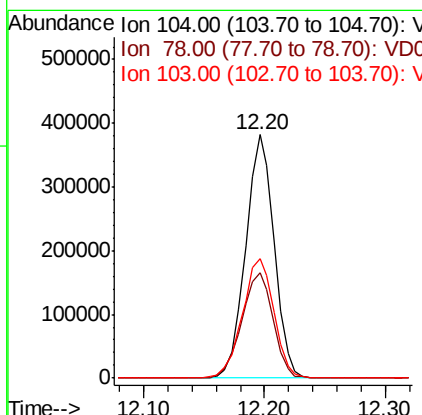
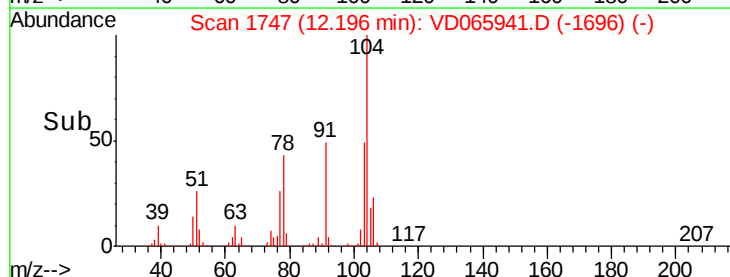
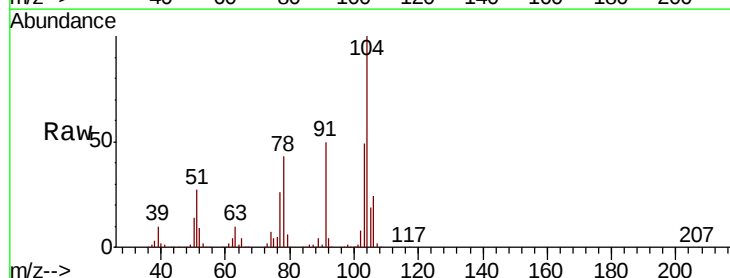
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

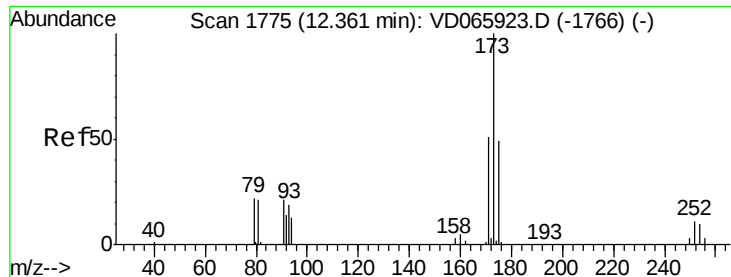
Tot Ion:106 Resp: 363671
Ion Ratio Lower Upper
106 100
91 206.3 104.1 312.2



#70
Styrene
Concen: 49.630 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion:104 Resp: 628669
Ion Ratio Lower Upper
104 100
78 47.6 38.8 58.2
103 54.3 43.6 65.4





#71

Bromoform

Concen: 47.646 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

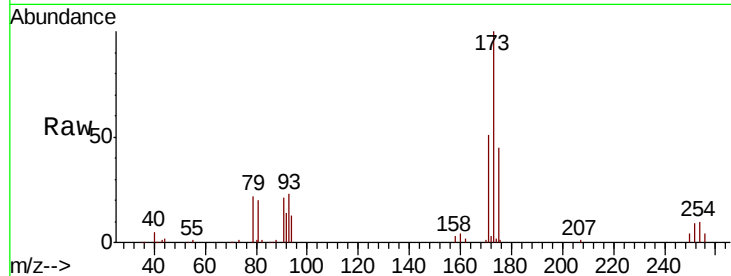
Tot Ion:173 Resp: 120348

Ion Ratio Lower Upper

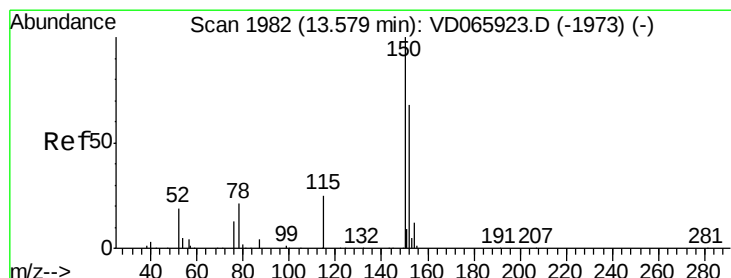
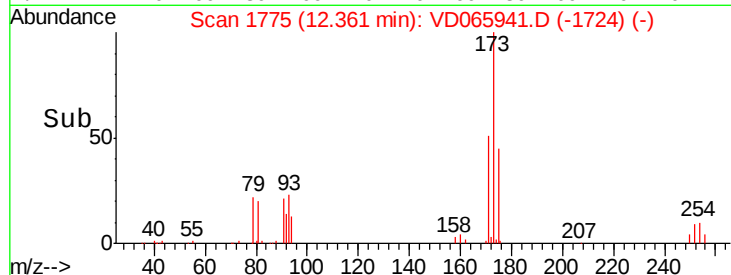
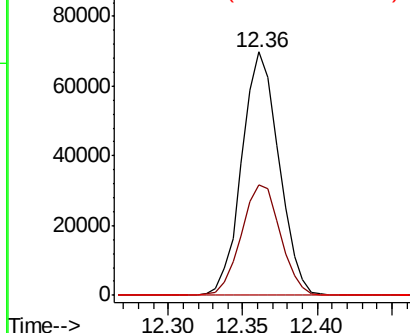
173 100

175 47.7 24.2 72.6

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

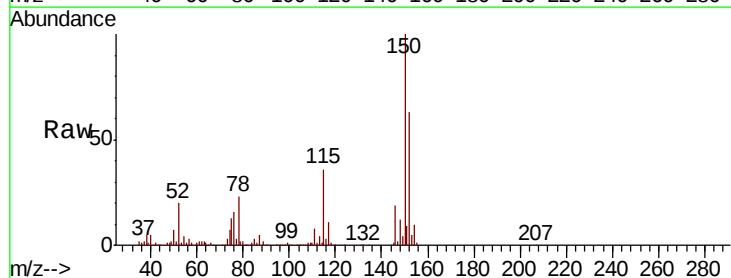
Tgt Ion:152 Resp: 291630

Ion Ratio Lower Upper

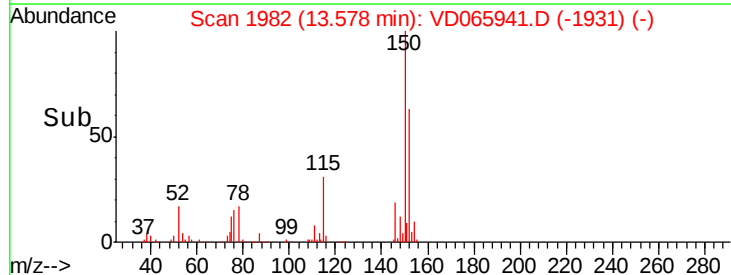
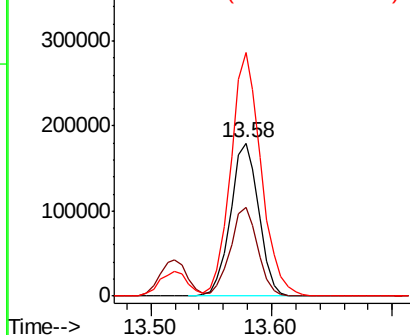
152 100

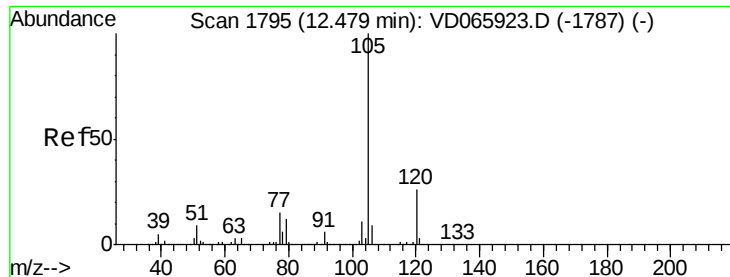
115 56.6 27.8 83.3

150 170.8 0.0 347.2



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

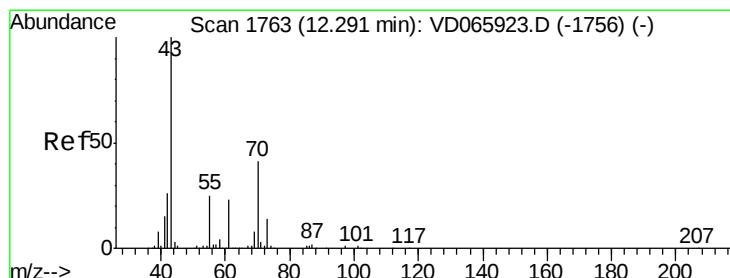
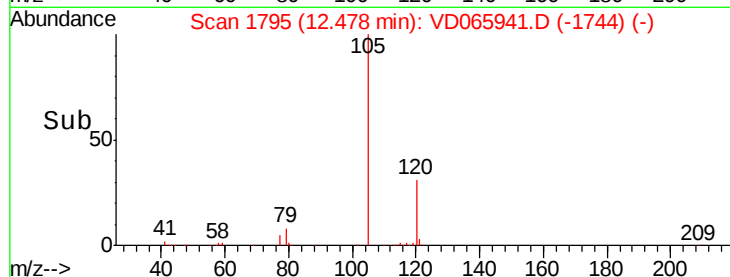
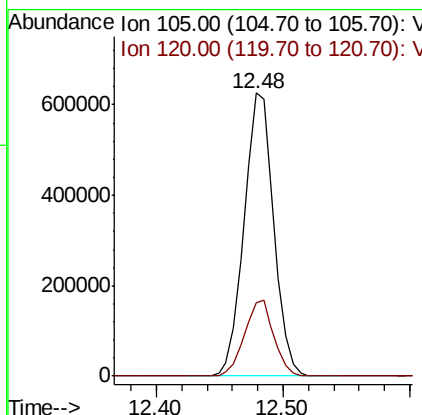
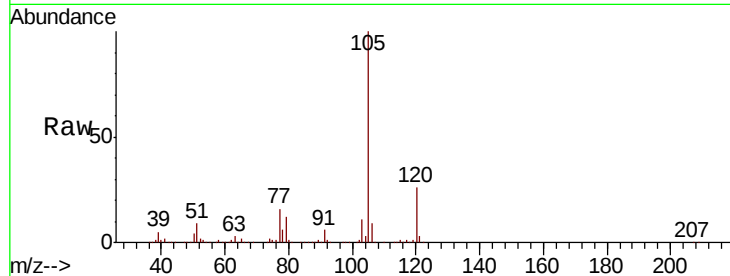




#73
Isopropylbenzene
Concen: 49.894 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

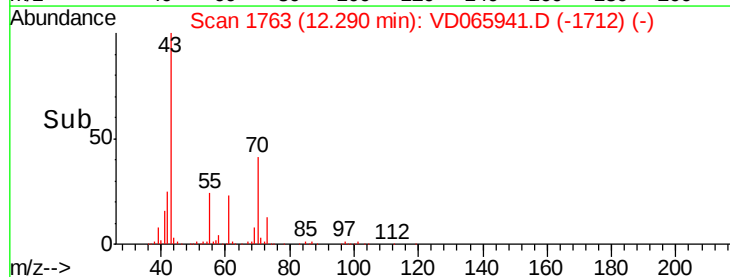
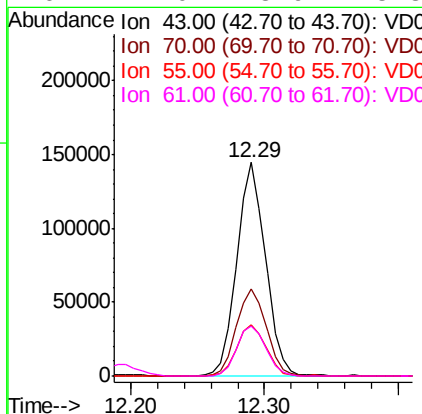
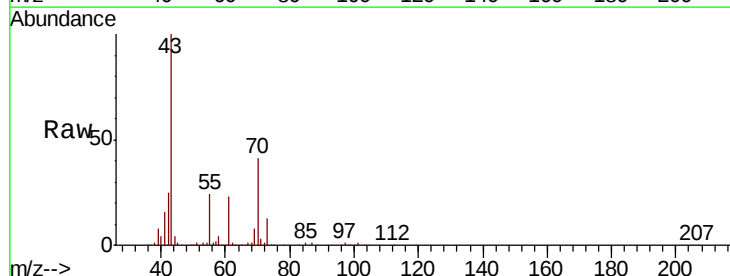
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

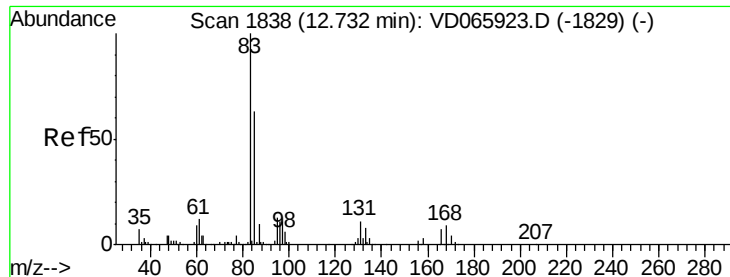
Tot Ion:105 Resp: 1015485
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#74
N-ethyl acetate
Concen: 47.307 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 43 Resp: 216058
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.2 20.1 30.1
61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.041 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

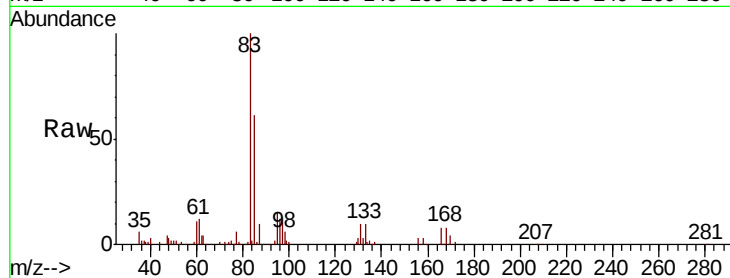
Tot Ion: 83 Resp: 158951

Ion Ratio Lower Upper

83 100

131 11.8 5.6 16.8

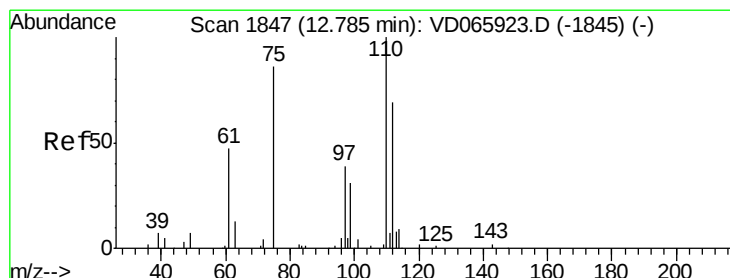
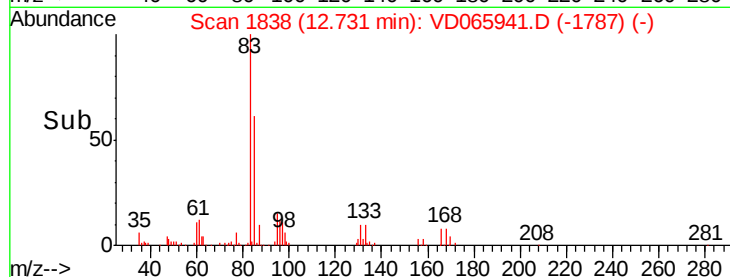
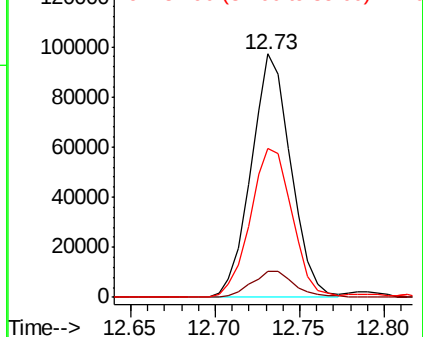
85 64.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 85.887 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065941.D

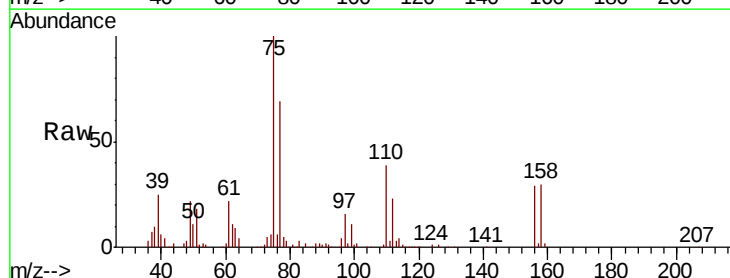
Acq: 08 Jul 2020 15:40

Tgt Ion: 75 Resp: 210112

Ion Ratio Lower Upper

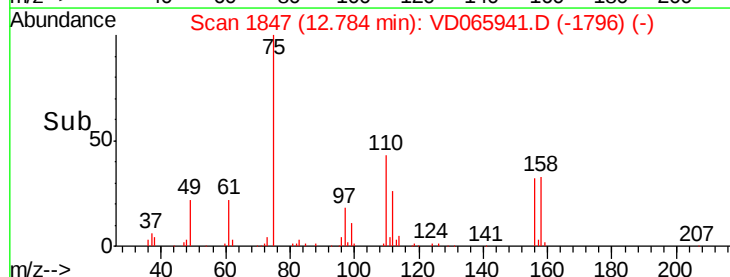
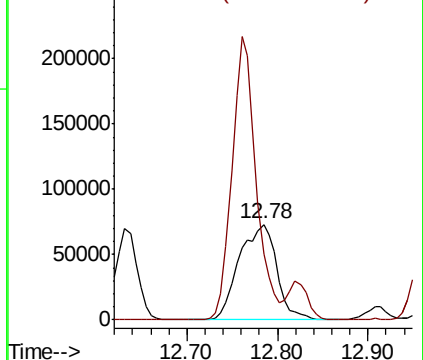
75 100

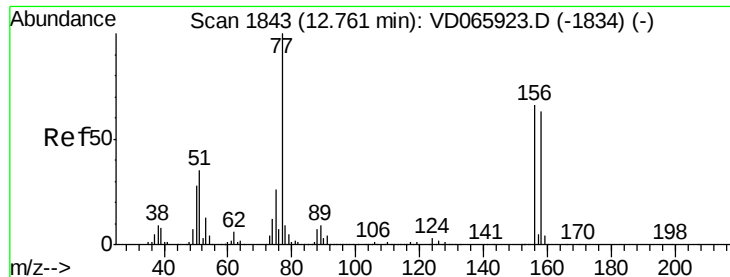
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.924 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

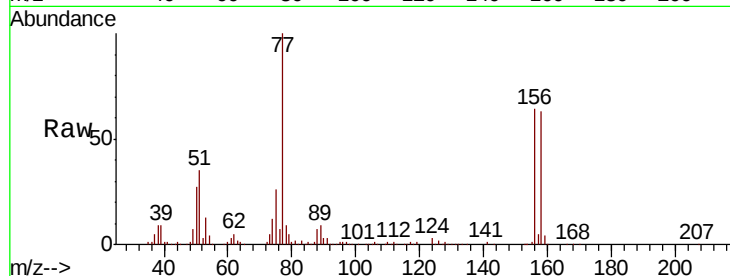
Tot Ion:156 Resp: 236575

Ion Ratio Lower Upper

156 100

77 170.2 85.0 255.0

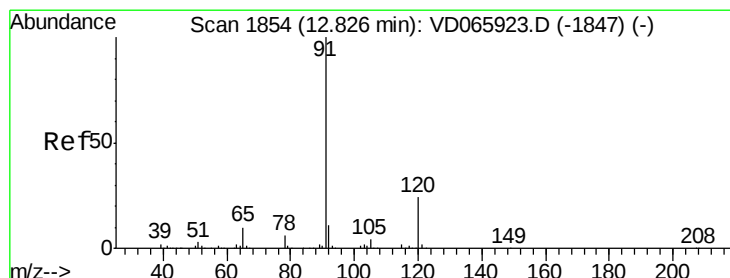
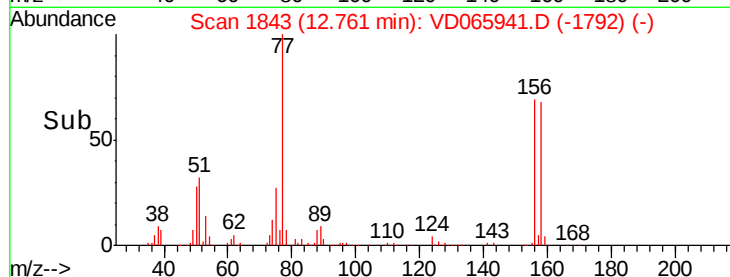
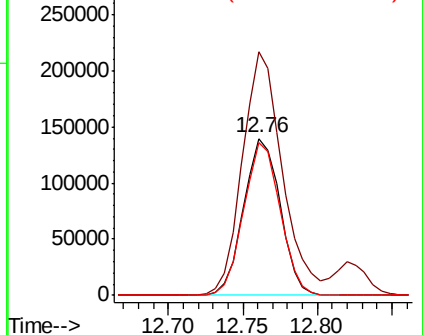
158 97.3 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.107 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065941.D

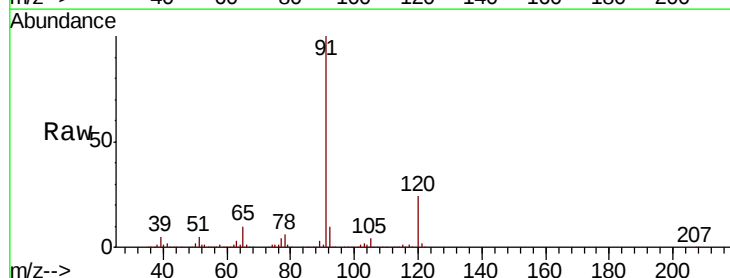
Acq: 08 Jul 2020 15:40

Tgt Ion: 91 Resp: 1171787

Ion Ratio Lower Upper

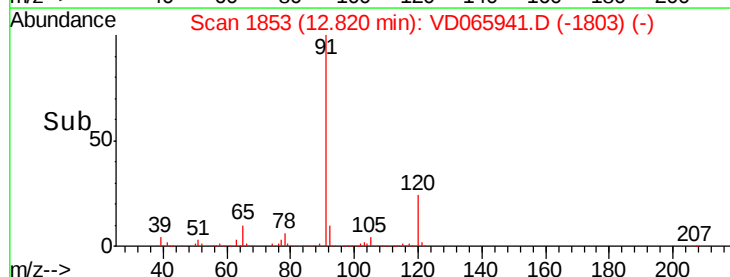
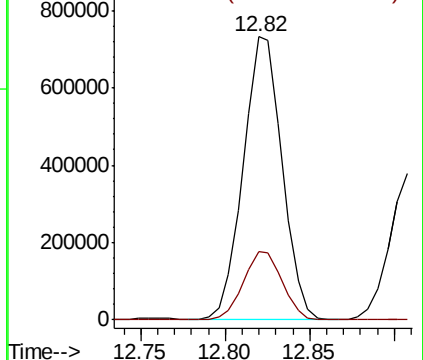
91 100

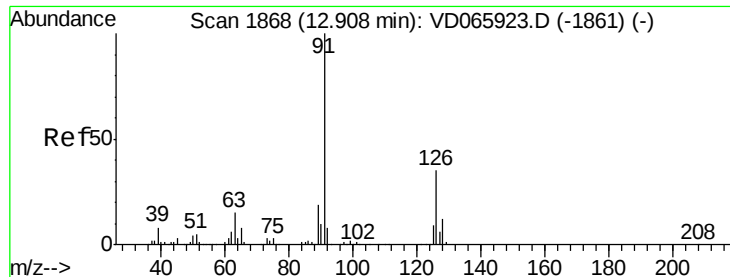
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

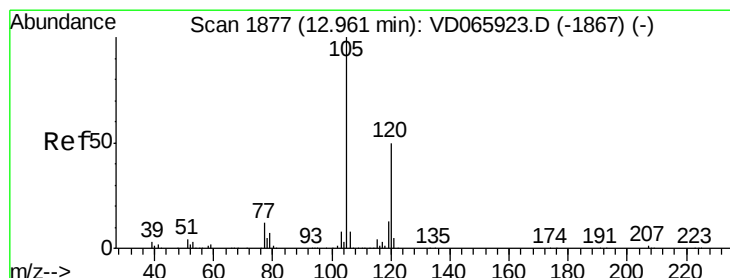
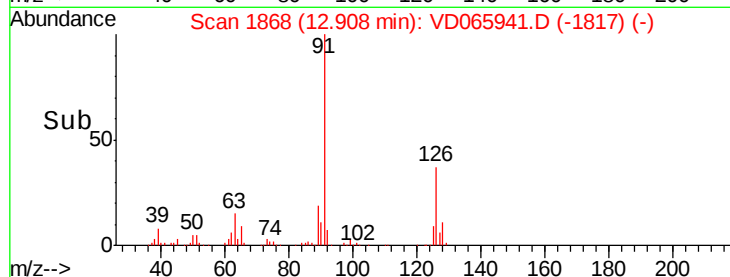
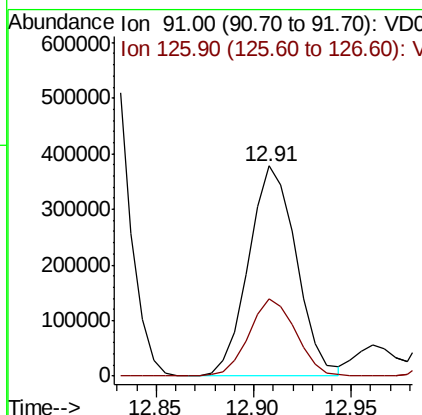
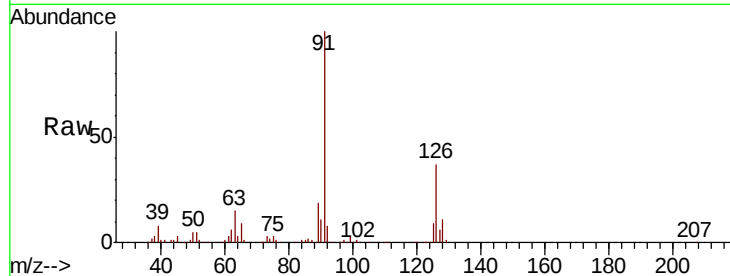




#79
2-Chlorotoluene
Concen: 47.465 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

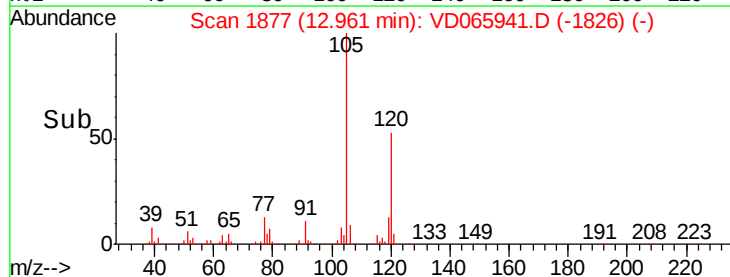
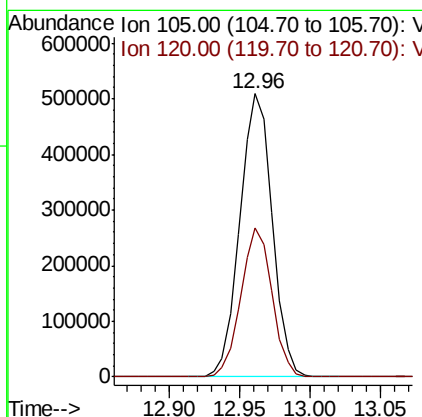
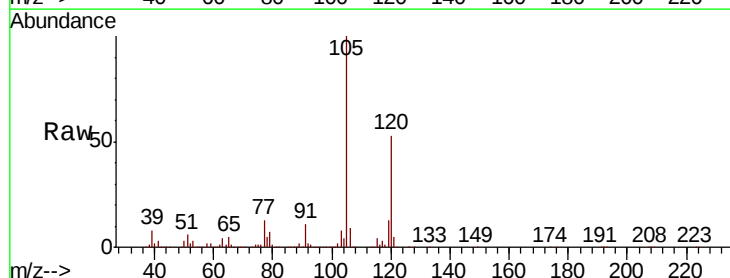
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

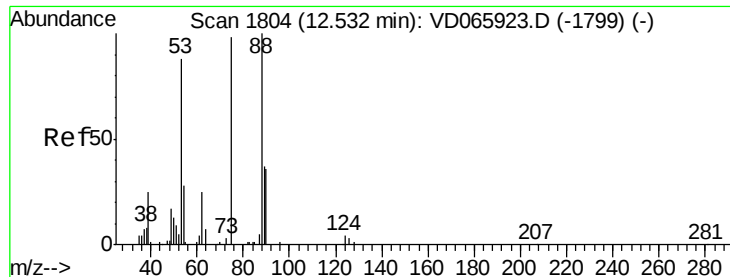
Tot Ion: 91 Resp: 642527
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 49.023 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion:105 Resp: 816100
Ion Ratio Lower Upper
105 100
120 50.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.355 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

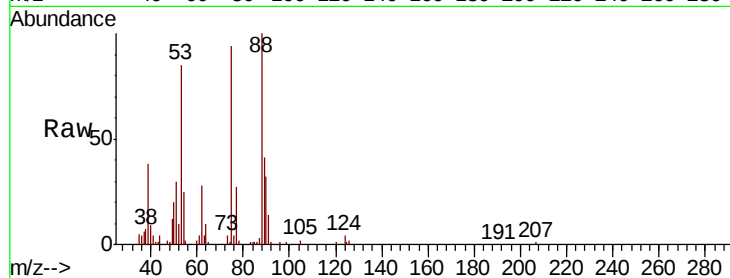
Tot Ion: 75 Resp: 53916

Ion Ratio Lower Upper

75 100

53 94.9 75.8 113.8

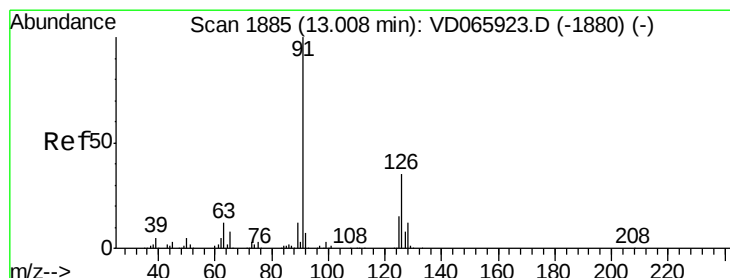
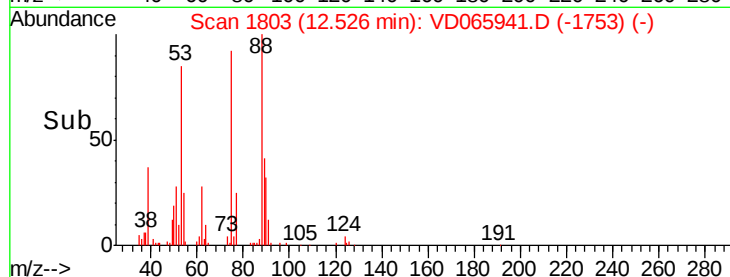
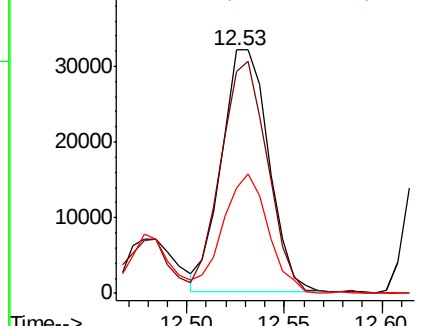
89 47.4 37.5 56.3



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: 47.165 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065941.D

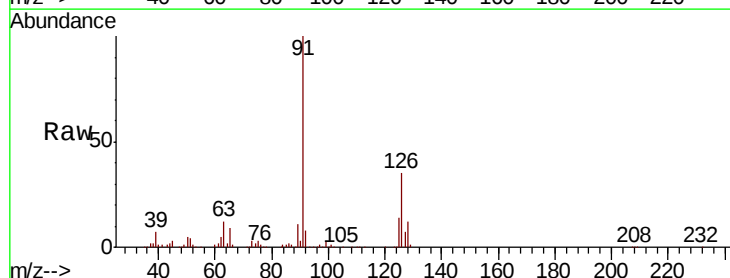
Acq: 08 Jul 2020 15:40

Tgt Ion: 91 Resp: 669878

Ion Ratio Lower Upper

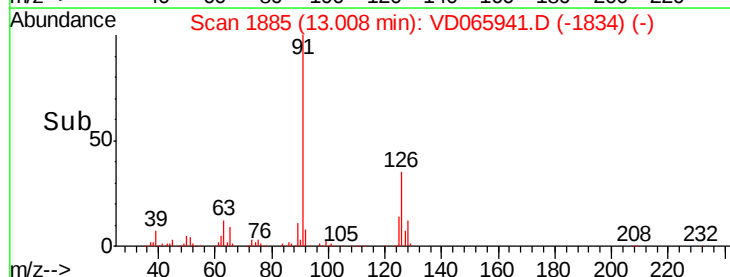
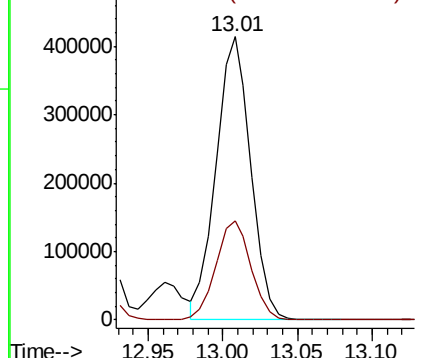
91 100

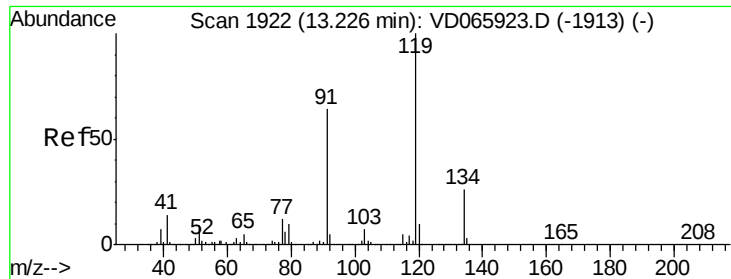
126 35.5 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

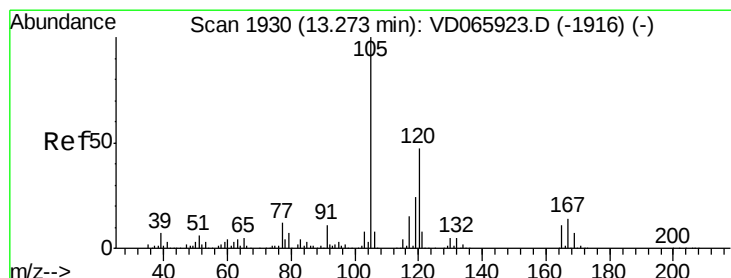
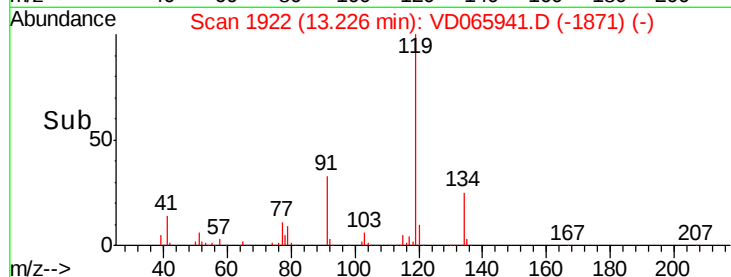
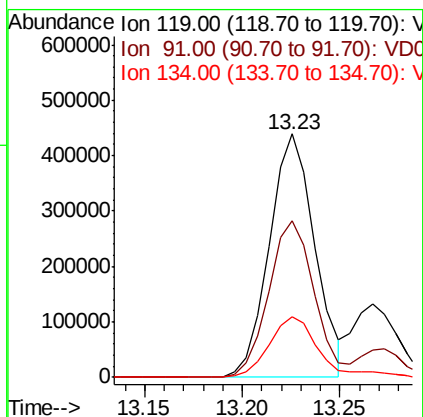
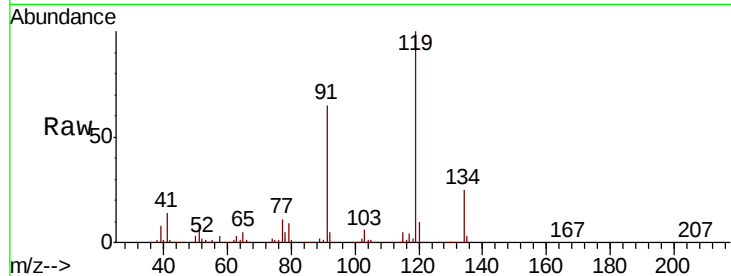




#83
tert-Butylbenzene
Concen: 49.857 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

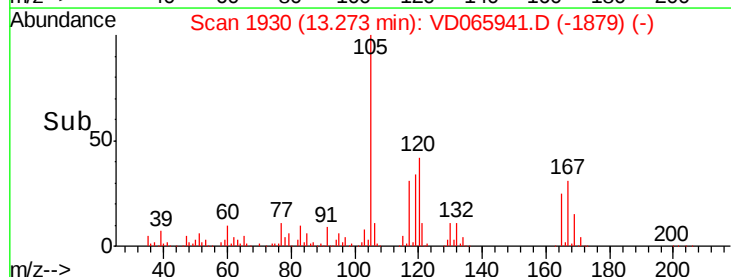
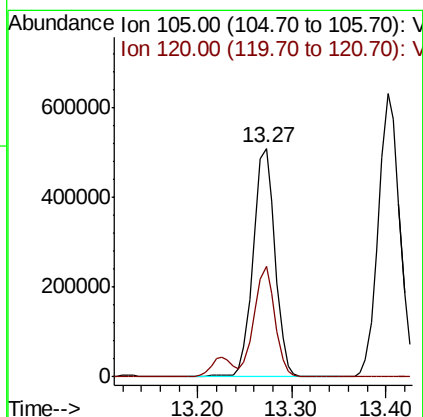
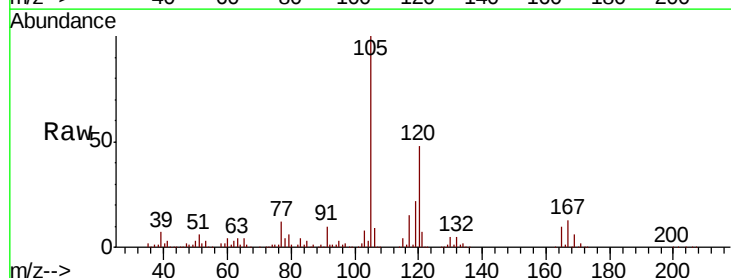
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

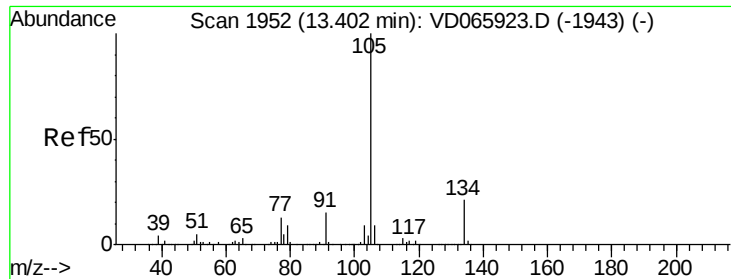
Tot Ion:119 Resp: 707134
Ion Ratio Lower Upper
119 100
91 65.0 32.4 97.2
134 27.3 14.1 42.4



#84
1,2,4-Trimethylbenzene
Concen: 49.521 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion:105 Resp: 820626
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 49.453 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

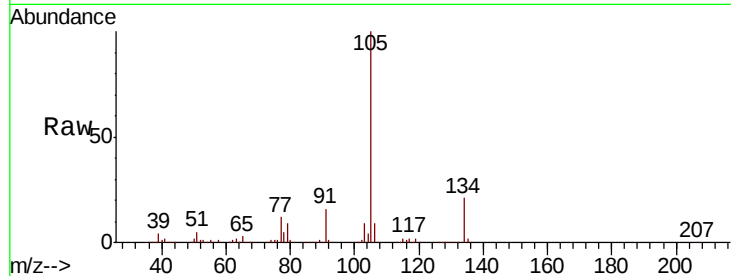
VSTDCCC050EC

Tot Ion:105 Resp: 994006

Ion Ratio Lower Upper

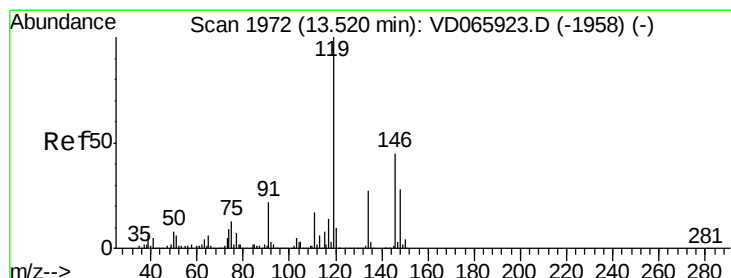
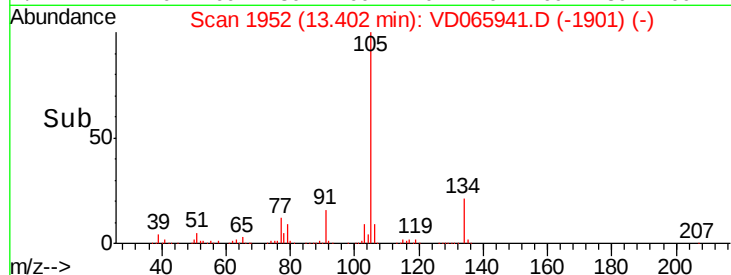
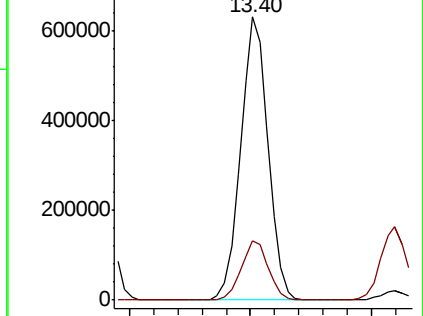
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.903 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

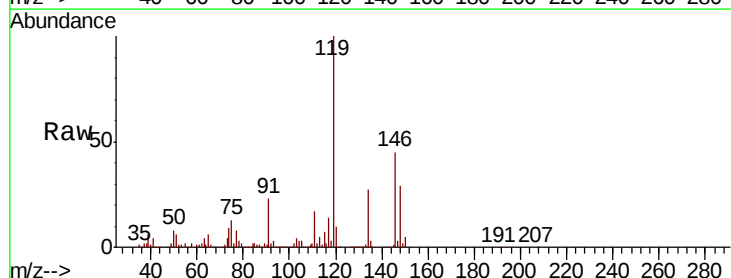
Tgt Ion:119 Resp: 917450

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

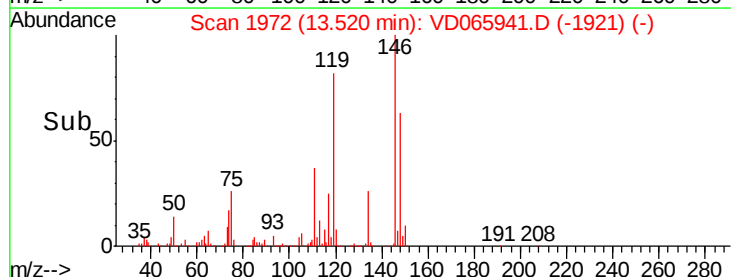
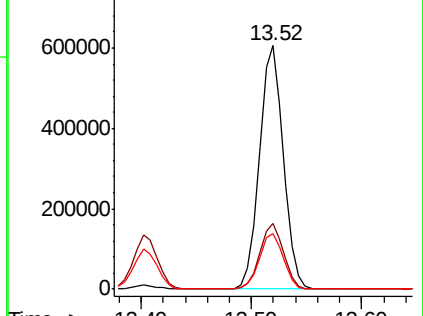
91 22.9 11.3 33.8

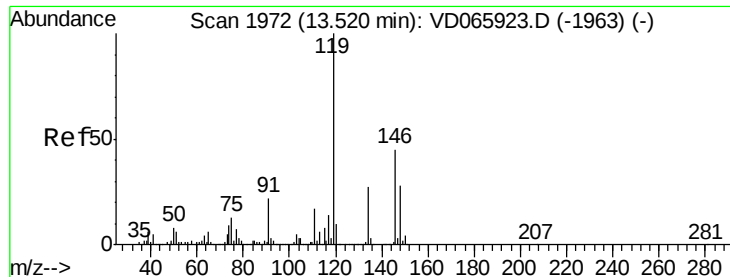


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.783 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

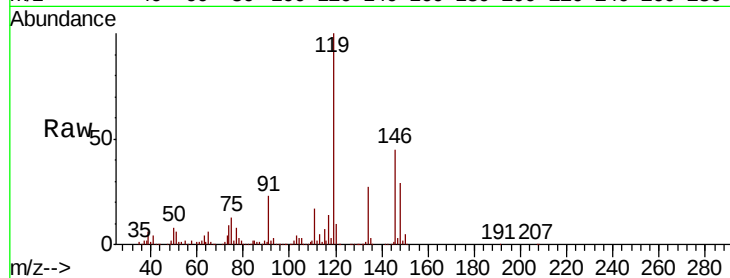
Tot Ion:146 Resp: 450621

Ion Ratio Lower Upper

146 100

111 37.7 19.3 57.8

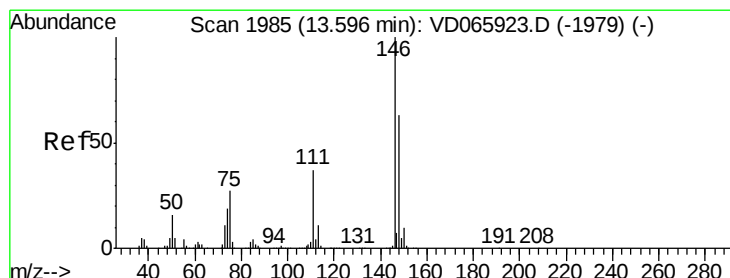
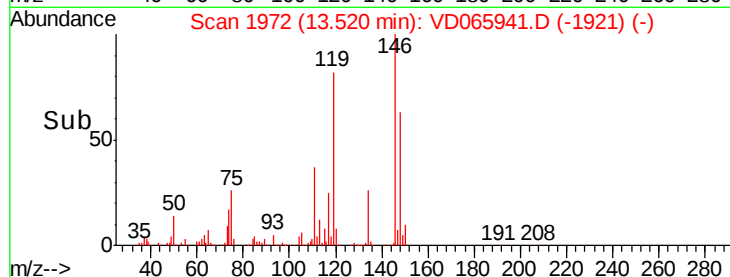
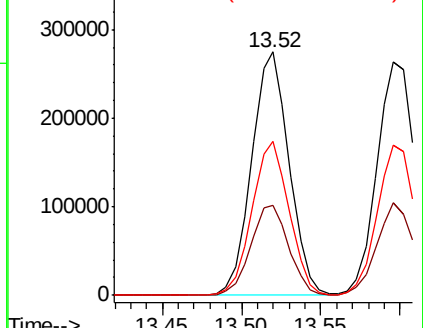
148 63.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.869 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

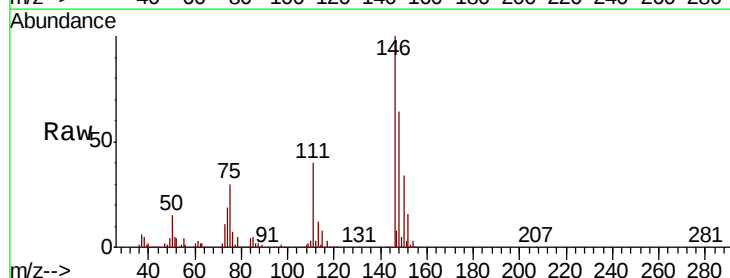
Tgt Ion:146 Resp: 441141

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

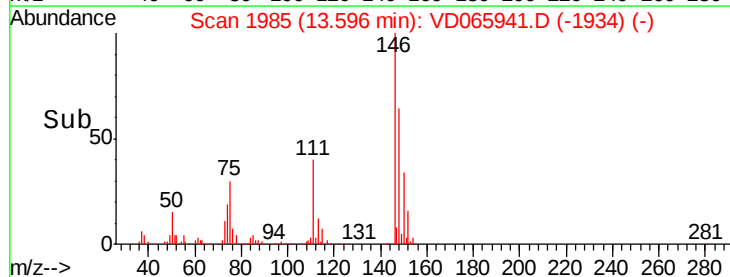
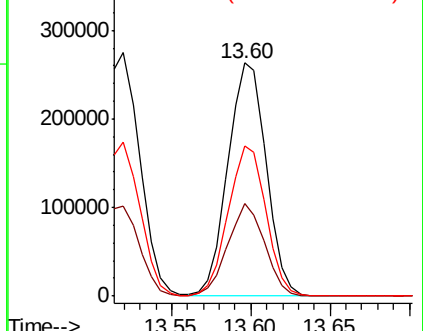
148 63.4 32.1 96.3

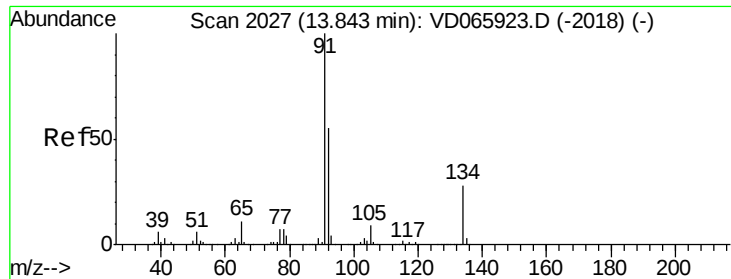


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

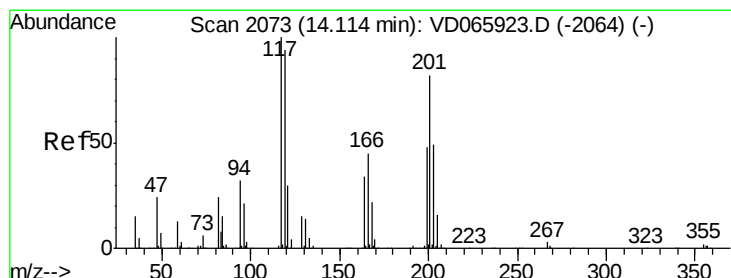
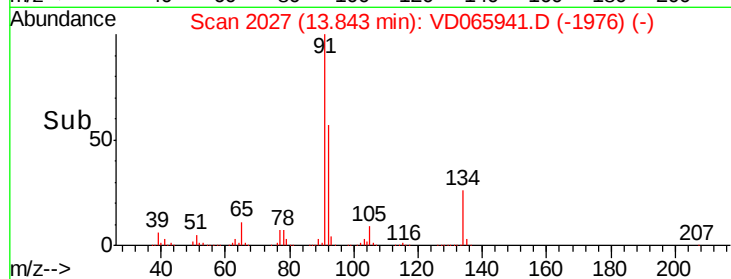
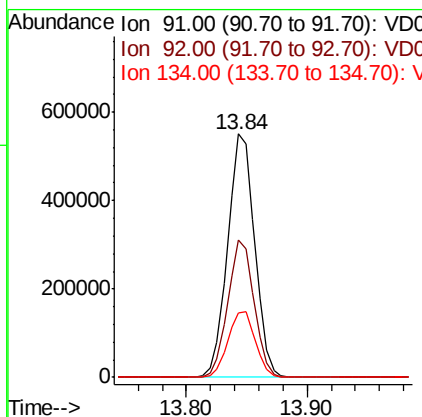
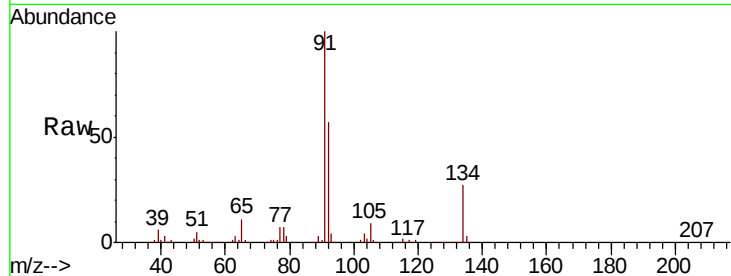




#89
n-Butylbenzene
Concen: 49.582 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

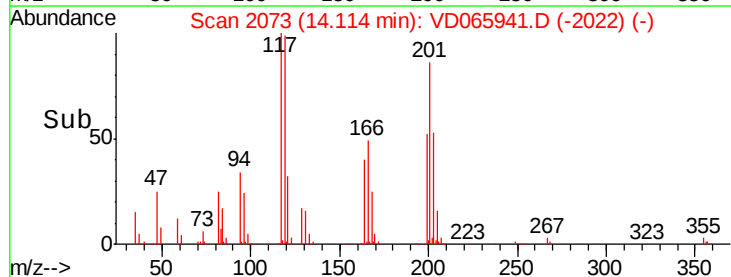
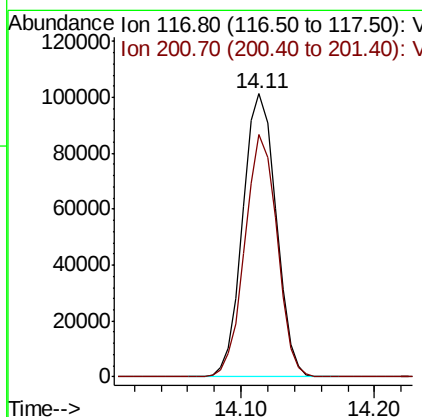
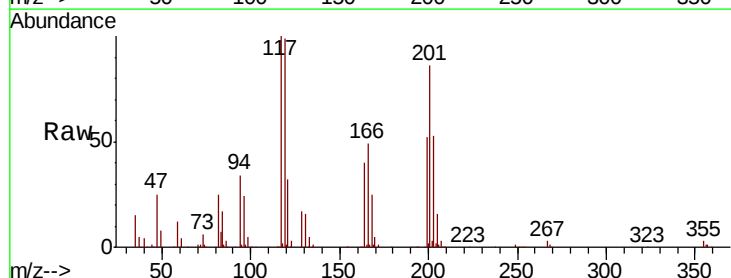
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

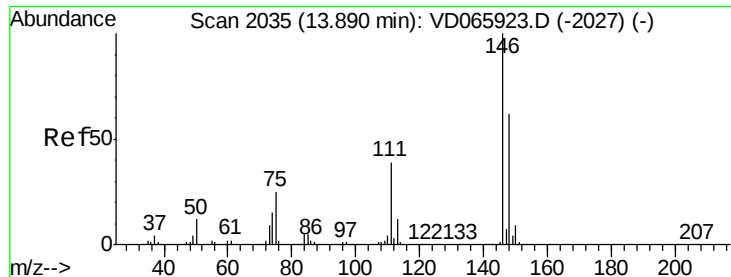
Tot Ion: 91 Resp: 856000
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.6
134 27.5 13.8 41.3



#90
Hexachloroethane
Concen: 47.243 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 117 Resp: 175146
Ion Ratio Lower Upper
117 100
201 82.5 40.0 120.0

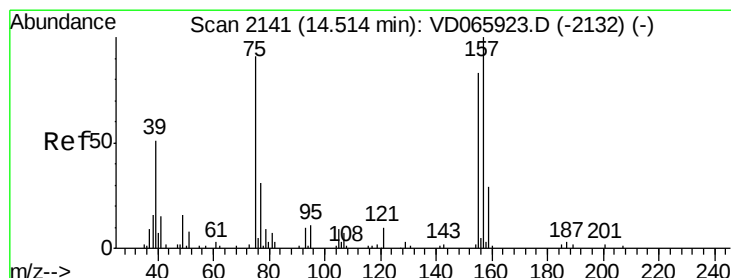
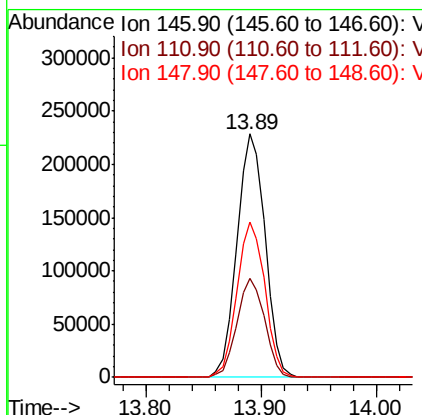
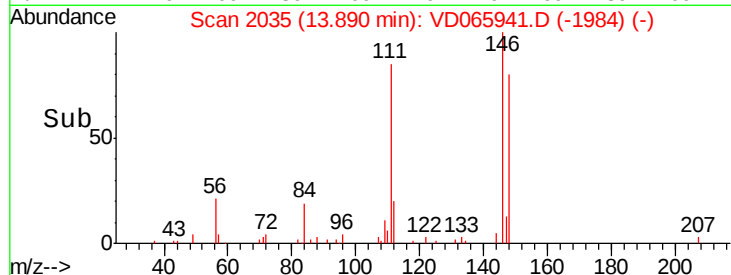
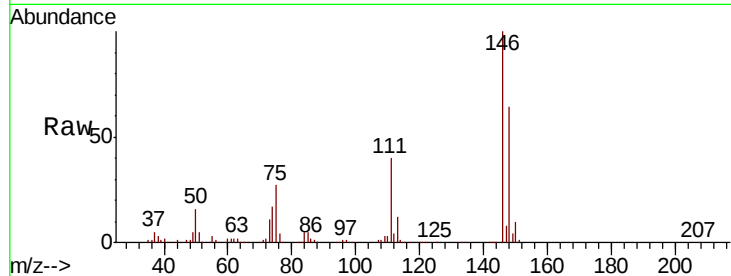




#91
 1,2-Dichlorobenzene
 Concen: 47.845 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

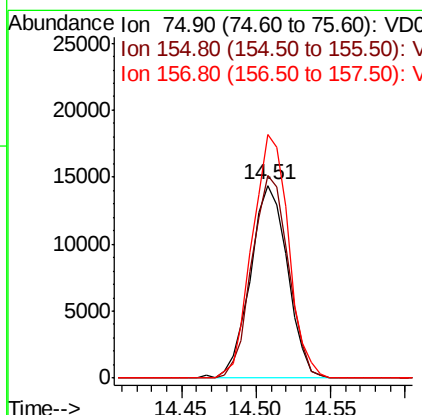
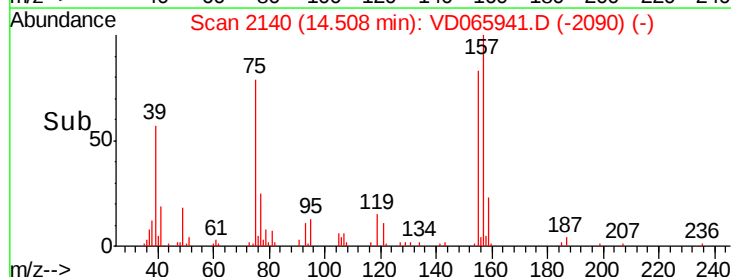
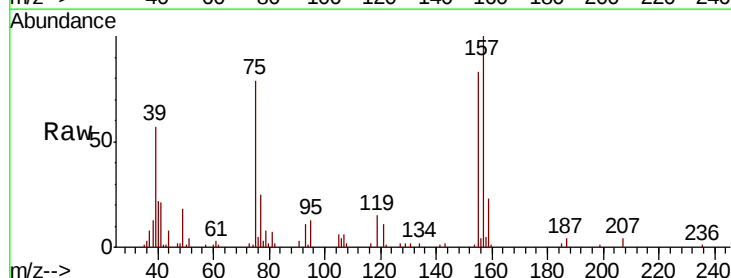
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

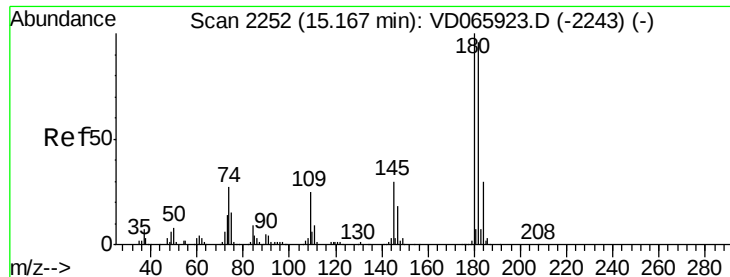
Tot Ion:146 Resp: 386276
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.0
 148 63.0 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.739 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 75 Resp: 24713
 Ion Ratio Lower Upper
 75 100
 155 102.9 45.3 135.8
 157 123.3 56.9 170.6

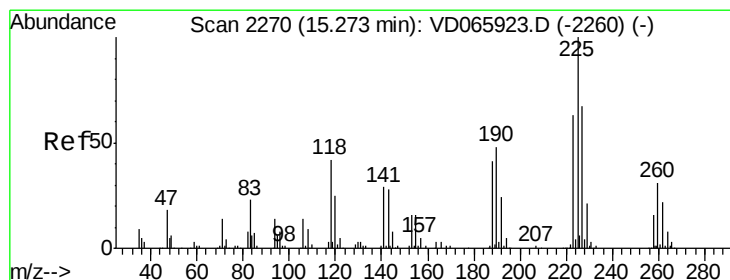
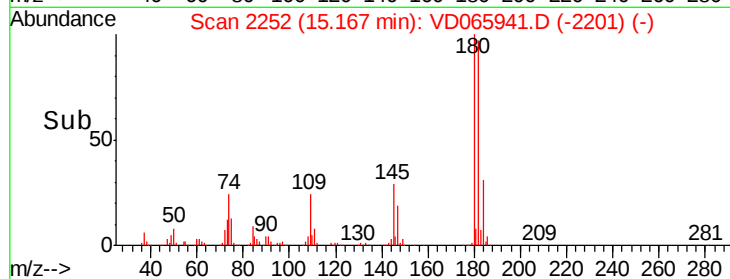
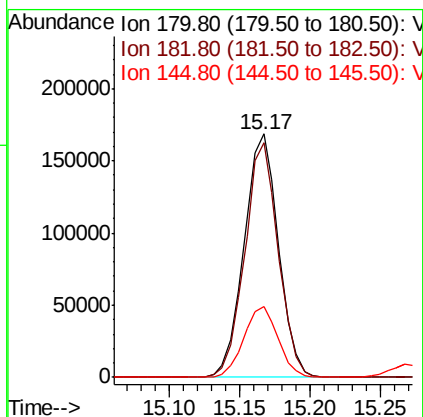
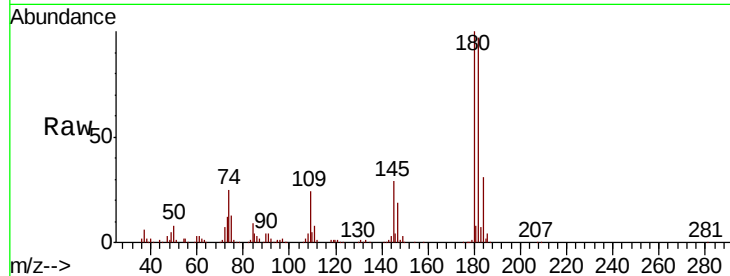




#93
 1,2,4-Trichlorobenzene
 Concen: 49.854 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

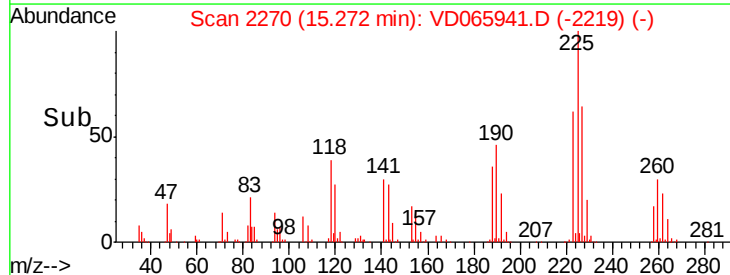
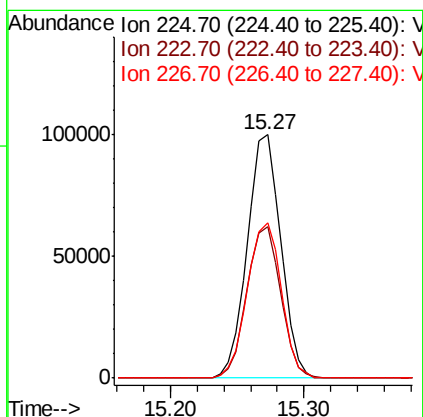
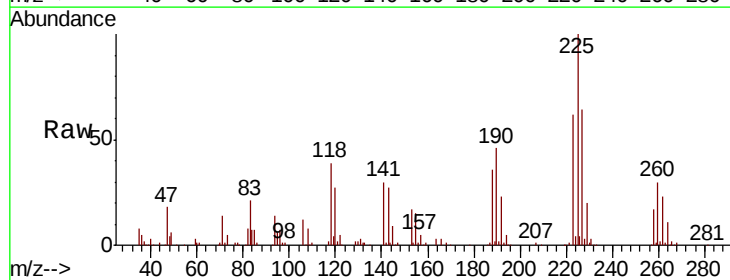
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

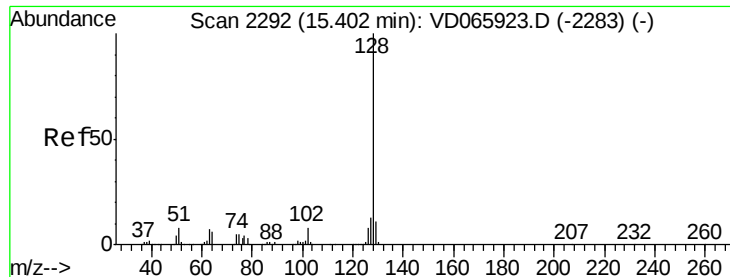
Tot Ion:180 Resp: 286863
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.5 145.6
 145 29.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.729 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion:225 Resp: 173088
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 65.0 31.6 95.0





#95

Naphthalene

Concen: 48.700 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

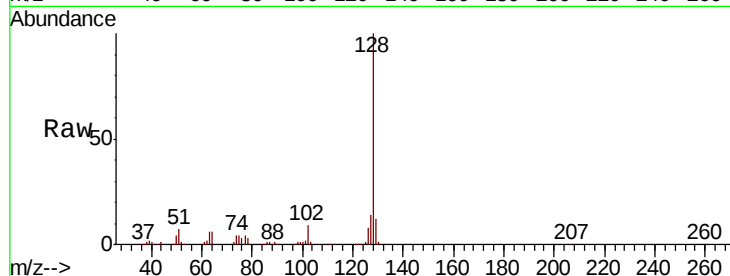
Tot Ion:128 Resp: 469971

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

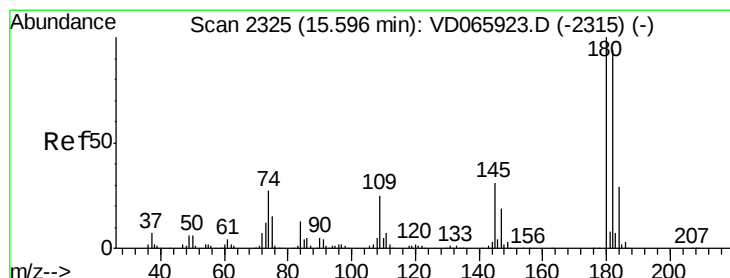
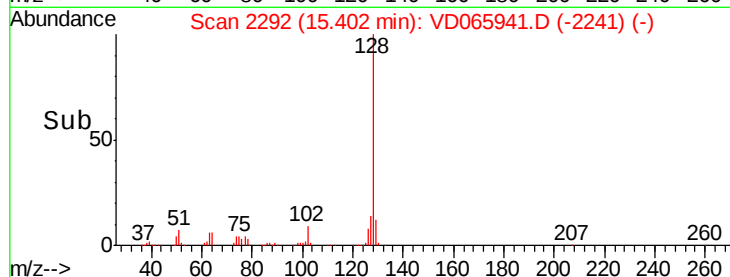
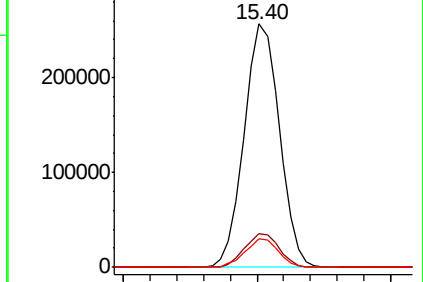
129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.316 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

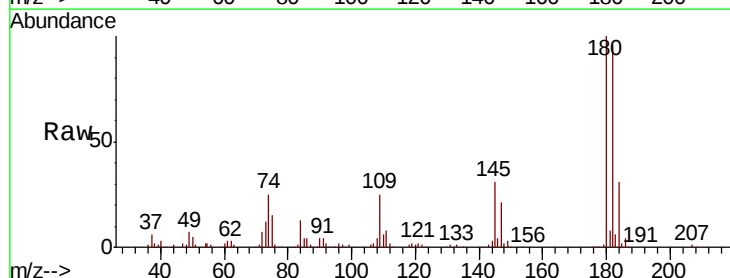
Tgt Ion:180 Resp: 244765

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.8

145 31.2 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

