

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067141.D
 Acq On : 07 Oct 2020 09:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 07:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	581890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	524500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	184175	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.91	113	194948	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.34	98	718322	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.64	95	250675	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	177035	57.881	ug/l	95
3) Chloromethane	2.21	50	125242	40.834	ug/l	96
4) Vinyl Chloride	2.35	62	141175	45.905	ug/l	96
5) Bromomethane	2.76	94	104899	53.194	ug/l	100
6) Chloroethane	2.92	64	84071	44.888	ug/l	96
7) Trichlorofluoromethane	3.27	101	337383	49.378	ug/l	99
8) Diethyl Ether	3.70	74	79609	46.984	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	190779	49.399	ug/l	99
10) Methyl Iodide	4.30	142	183271	48.840	ug/l	97
11) Tert butyl alcohol	5.21	59	44830	195.641	ug/l	99
12) 1,1-Dichloroethene	4.07	96	172618	47.546	ug/l	97
13) Acrolein	3.92	56	65606	264.124	ug/l	97
14) Allyl chloride	4.71	41	205038	43.474	ug/l	94
15) Acrylonitrile	5.41	53	140976	226.066	ug/l	97
16) Acetone	4.15	43	160742	283.862	ug/l	98
17) Carbon Disulfide	4.41	76	513604	46.097	ug/l	99
18) Methyl Acetate	4.71	43	62401	43.845	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	329319	49.689	ug/l	98
20) Methylene Chloride	4.96	84	193483	47.834	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	200778	48.595	ug/l	96
22) Diisopropyl ether	6.36	45	383634	44.555	ug/l	95
23) Vinyl Acetate	6.30	43	1152300	236.165	ug/l	95
24) 1,1-Dichloroethane	6.26	63	305327	45.948	ug/l	100
25) 2-Butanone	7.21	43	171728	213.902	ug/l	100
26) 2,2-Dichloropropane	7.20	77	299133	52.882	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	213162	48.307	ug/l	98
28) Bromochloromethane	7.54	49	111388	43.405	ug/l	84
29) Tetrahydrofuran	7.56	42	99391	215.307	ug/l	92
30) Chloroform	7.71	83	347916	48.265	ug/l	98
31) Cyclohexane	7.98	56	250094	44.892	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	335590	50.234	ug/l	98
36) 1,1-Dichloropropene	8.11	75	264996	48.857	ug/l	97
37) Ethyl Acetate	7.28	43	81358	43.299	ug/l	98
38) Carbon Tetrachloride	8.10	117	319869	54.506	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	294811	51.411	ug/l	94
40) Benzene	8.35	78	720001	47.793	ug/l	97
41) Methacrylonitrile	7.53	41	56572	55.730	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	212046	50.371	ug/l	99
43) Isopropyl Acetate	8.45	43	157309	45.446	ug/l	97
44) Trichloroethene	9.11	130	229493	51.015	ug/l	97
45) 1,2-Dichloropropane	9.38	63	166098	46.924	ug/l	94
46) Dibromomethane	9.48	93	100446	49.372	ug/l	94
47) Bromodichloromethane	9.66	83	265947	50.288	ug/l	100
48) Methyl methacrylate	9.46	41	77179	43.521	ug/l #	75
49) 1,4-Dioxane	9.46	88	20134	948.231	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	396185	229.785	ug/l	98
52) Toluene	10.40	92	490013	50.493	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	246722	52.200	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	289926	50.234	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	141801	50.133	ug/l	94
56) Ethyl methacrylate	10.66	69	157482	53.927	ug/l	97
57) 1,3-Dichloropropane	10.94	76	230946	50.351	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	415904	255.883	ug/l	95
59) 2-Hexanone	10.98	43	289117	251.238	ug/l	96
60) Dibromochloromethane	11.14	129	199051	52.800	ug/l	97
61) 1,2-Dibromoethane	11.24	107	135132	49.728	ug/l	95
64) Tetrachloroethene	10.87	164	195222	51.197	ug/l	95
65) Chlorobenzene	11.67	112	536967	51.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	209318	52.751	ug/l	97
67) Ethyl Benzene	11.74	91	947662	53.020	ug/l	99
68) m/p-Xylenes	11.86	106	727682	104.468	ug/l	98
69) o-Xylene	12.18	106	331679	53.248	ug/l	96
70) Styrene	12.20	104	578698	54.104	ug/l	99
71) Bromoform	12.36	173	112223	54.484	ug/l #	99
73) Isopropylbenzene	12.48	105	952381	53.609	ug/l	99
74) N-amyl acetate	12.29	43	143518	44.939	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	139657	46.658	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	183997	80.738	ug/l #	100
77) Bromobenzene	12.76	156	222024	51.758	ug/l	94
78) n-propylbenzene	12.83	91	1090581	51.943	ug/l	98
79) 2-Chlorotoluene	12.91	91	604937	50.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	810215	53.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	45918	50.234	ug/l	96
82) 4-Chlorotoluene	13.01	91	648252	50.721	ug/l	99
83) tert-Butylbenzene	13.23	119	700060	55.386	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	794659	53.051	ug/l	98
85) sec-Butylbenzene	13.41	105	953323	53.558	ug/l	100
86) p-Isopropyltoluene	13.52	119	871249	52.796	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	423697	50.709	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	416243	49.822	ug/l	99
89) n-Butylbenzene	13.85	91	798367	52.936	ug/l	99
90) Hexachloroethane	14.12	117	151418	52.382	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	369586	50.647	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23368	48.431	ug/l	93

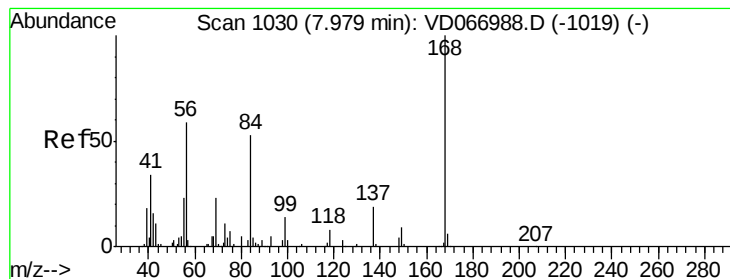
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	252593	53.515	ug/l	99
94) Hexachlorobutadiene	15.28	225	155995	53.814	ug/l	97
95) Naphthalene	15.41	128	430749	54.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	215955	52.705	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

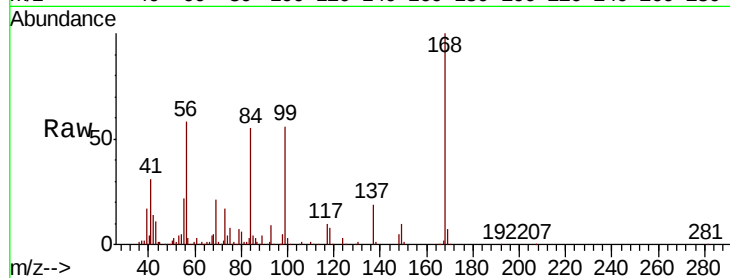
VSTDCCC050

Tot Ion:168 Resp: 385131

Ion Ratio Lower Upper

168 100

99 55.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

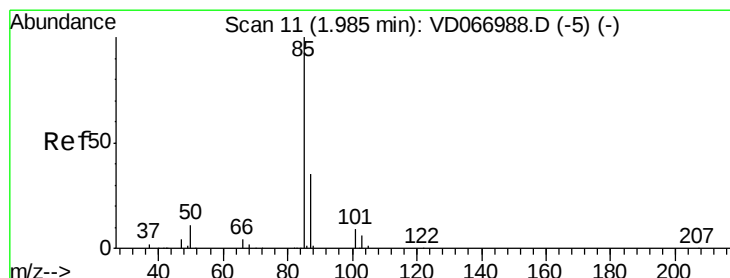
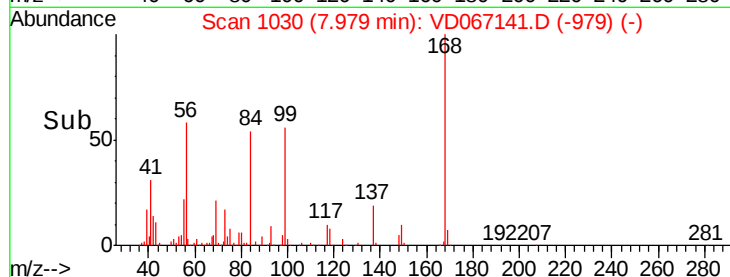
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 57.881 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067141.D

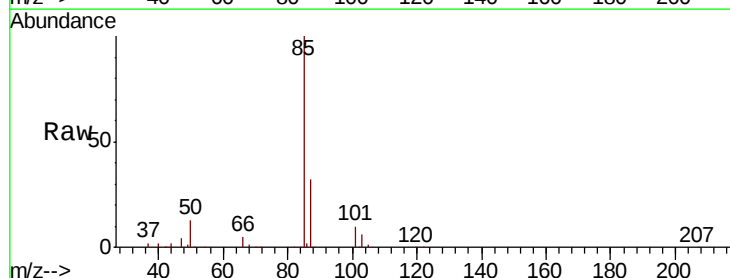
Acq: 07 Oct 2020 09:57

Tgt Ion: 85 Resp: 177035

Ion Ratio Lower Upper

85 100

87 31.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

100000

50000

0

1.90

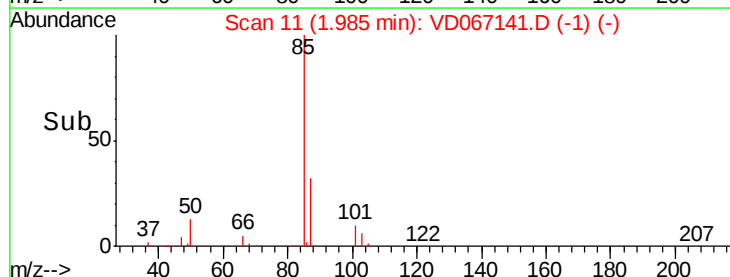
1.95

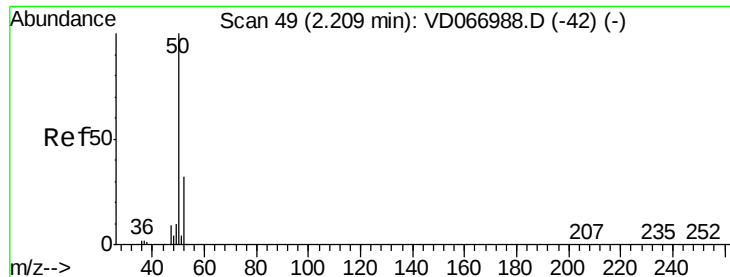
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 40.834 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

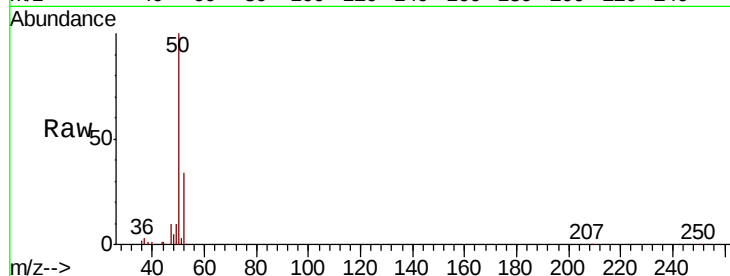
VSTDCCC050

Tot Ion: 50 Resp: 125242

Ion Ratio Lower Upper

50 100

52 33.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

100000

80000

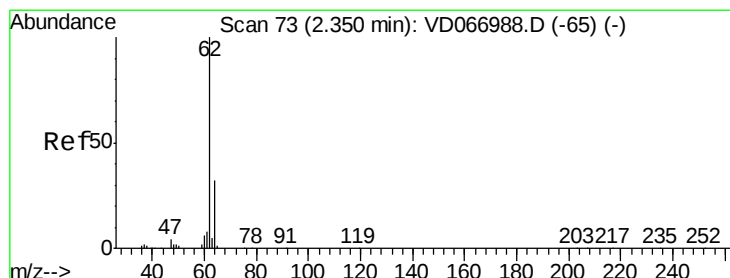
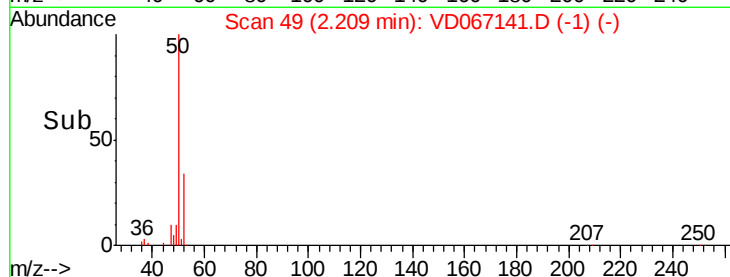
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.905 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067141.D

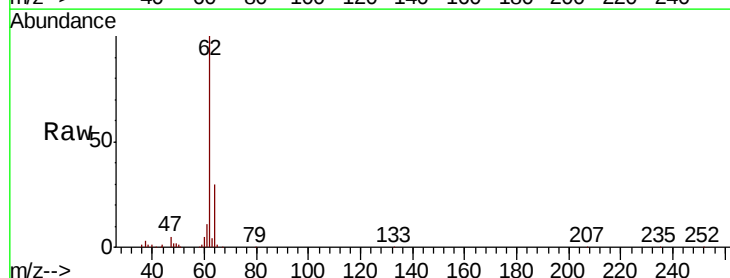
Acq: 07 Oct 2020 09:57

Tgt Ion: 62 Resp: 141175

Ion Ratio Lower Upper

62 100

64 30.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

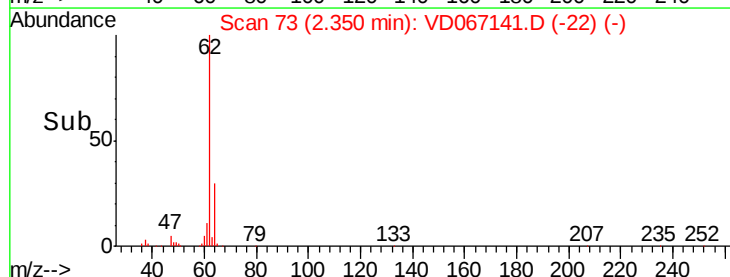
60000

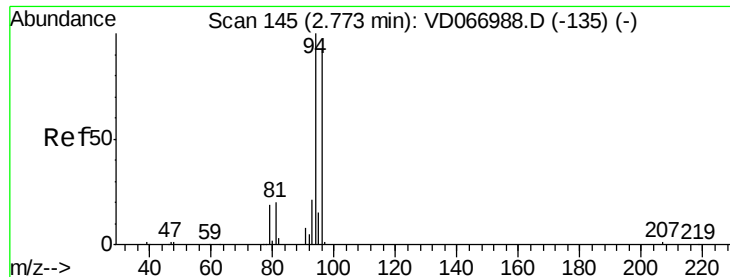
40000

20000

0

Time-->





#5

Bromomethane

Concen: 53.194 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

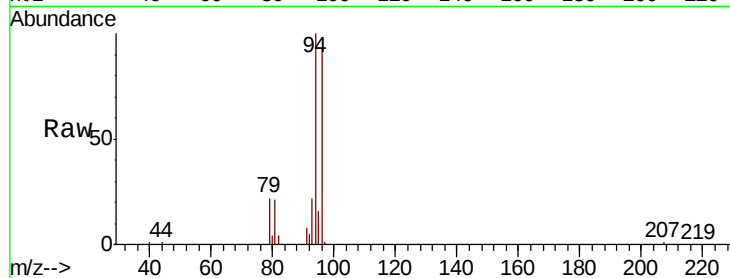
VSTDCCC050

Tot Ion: 94 Resp: 104899

Ion Ratio Lower Upper

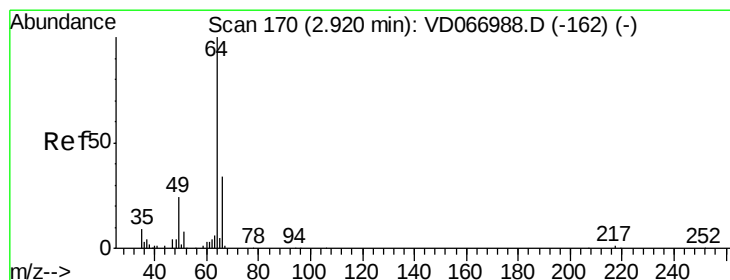
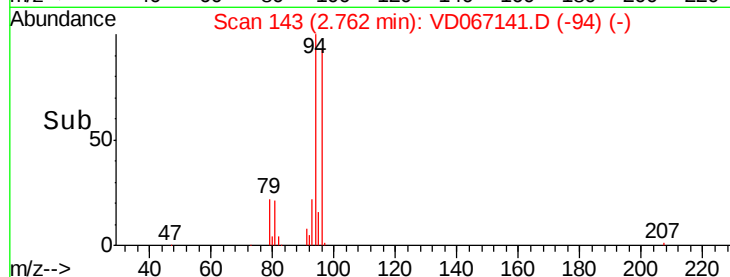
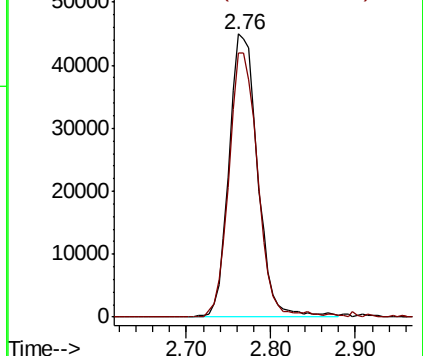
94 100

96 93.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.888 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067141.D

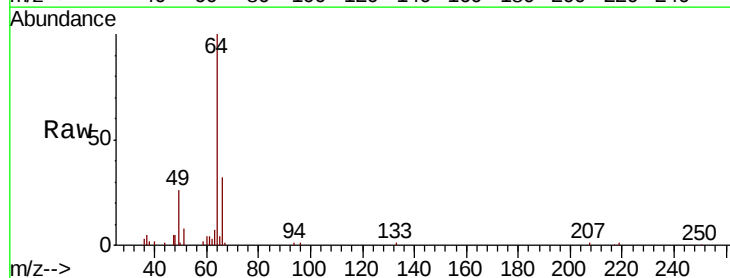
Acq: 07 Oct 2020 09:57

Tgt Ion: 64 Resp: 84071

Ion Ratio Lower Upper

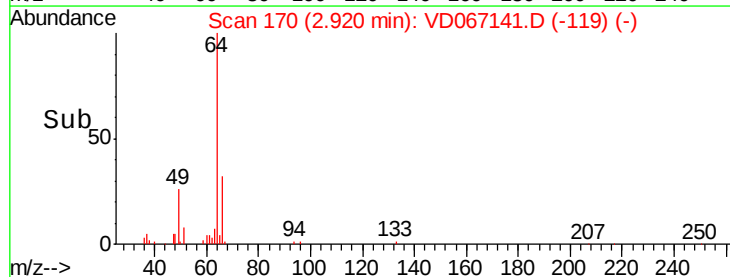
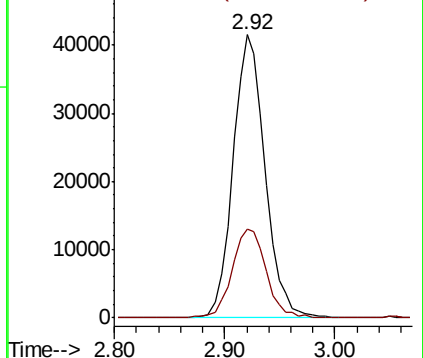
64 100

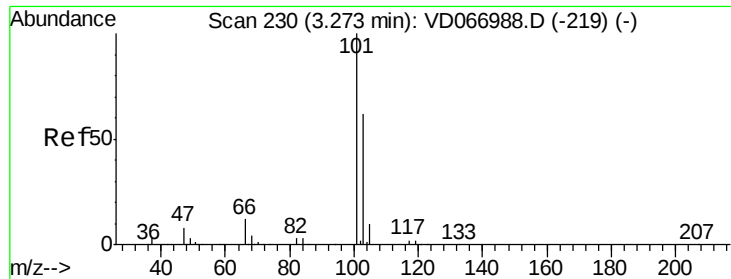
66 31.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



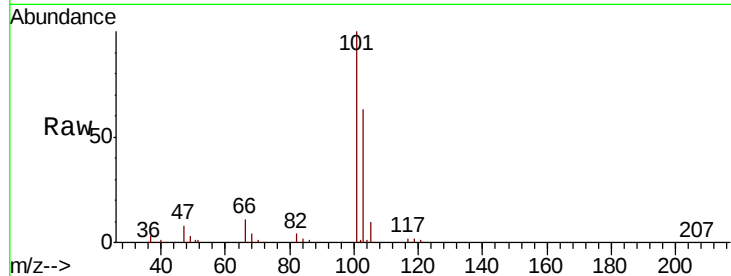


#7

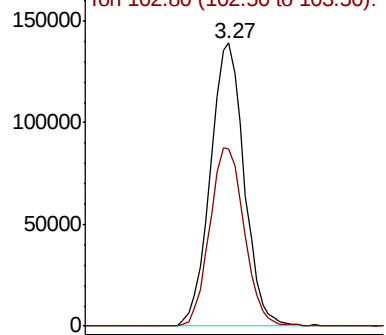
Trichlorofluoromethane
 Concen: 49.378 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

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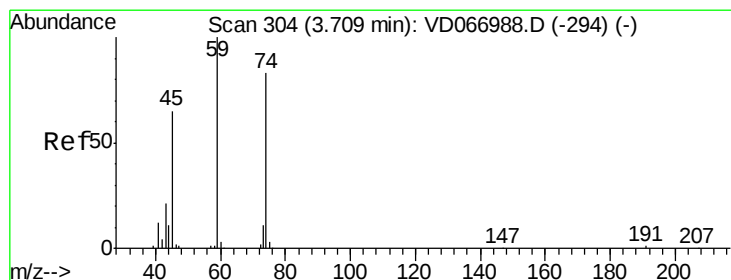
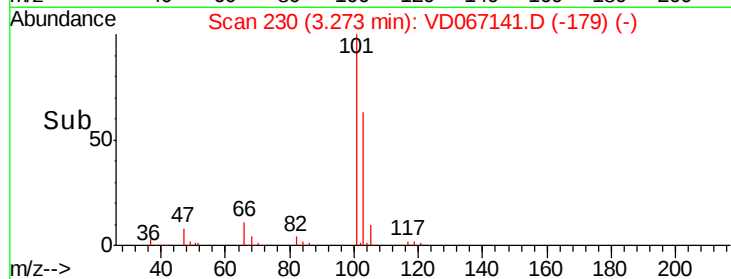
Tot Ion:101 Resp: 337383
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.8 74.8



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



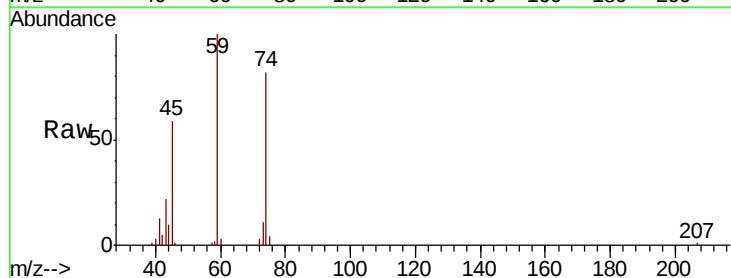
Time-->



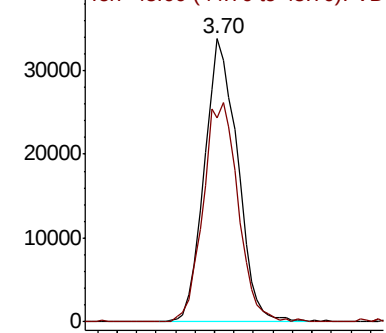
#8

Diethyl Ether
 Concen: 46.984 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

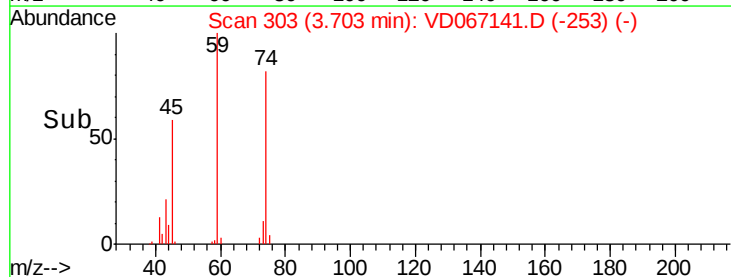
Tgt Ion: 74 Resp: 79609
 Ion Ratio Lower Upper
 74 100
 45 81.3 43.1 129.3

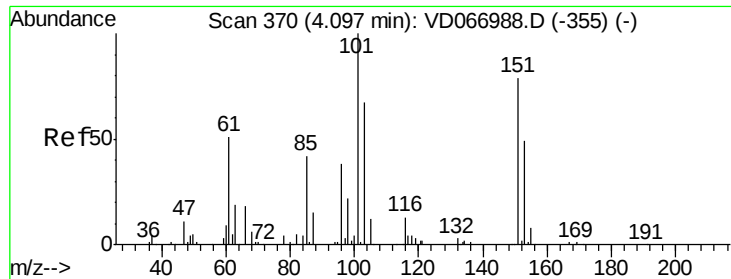


Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.399 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

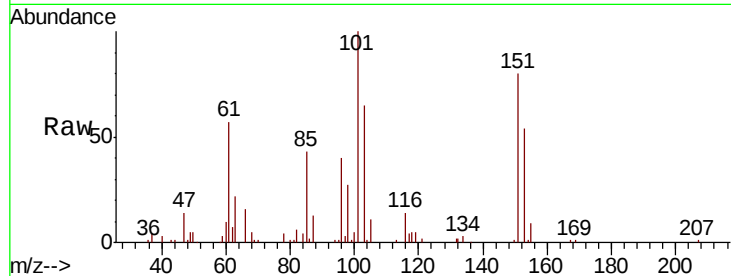
Tot Ion:101 Resp: 190779

Ion Ratio Lower Upper

101 100

85 43.4 33.8 50.8

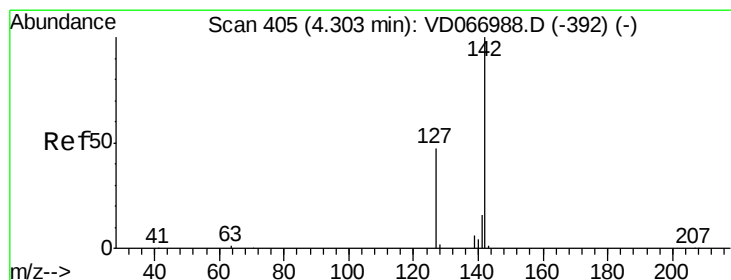
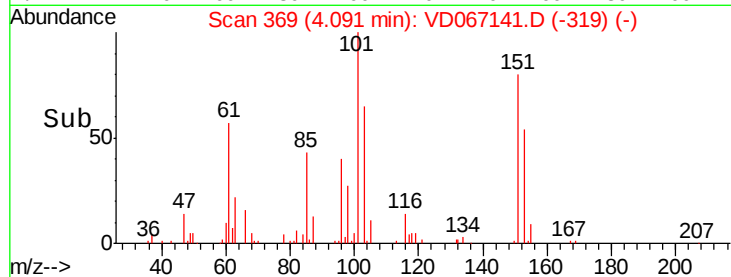
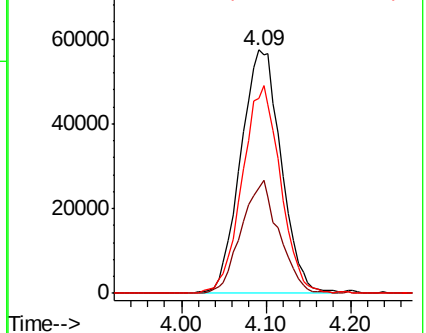
151 80.6 63.8 95.8



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: 48.840 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

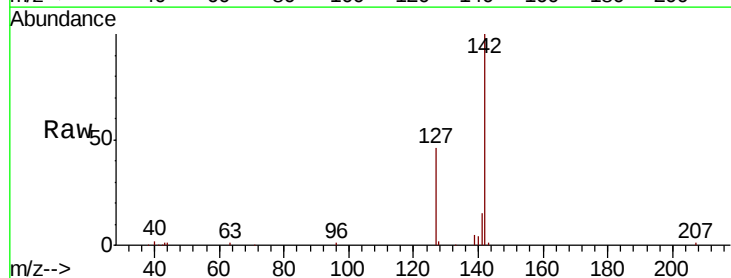
Tgt Ion:142 Resp: 183271

Ion Ratio Lower Upper

142 100

127 47.6 36.3 54.5

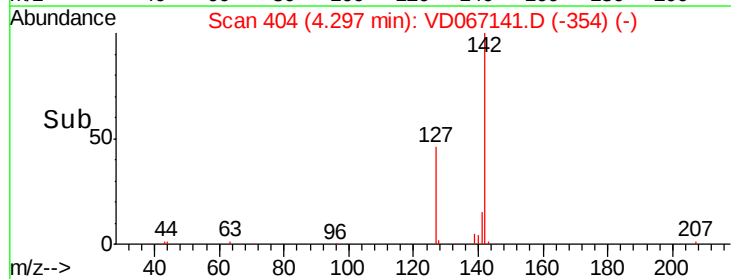
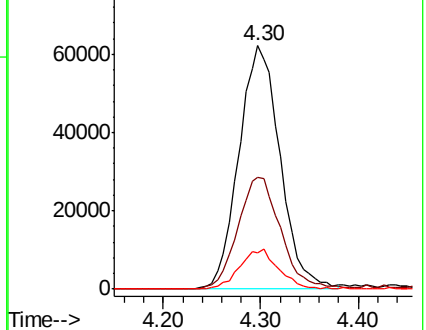
141 15.4 12.0 18.0

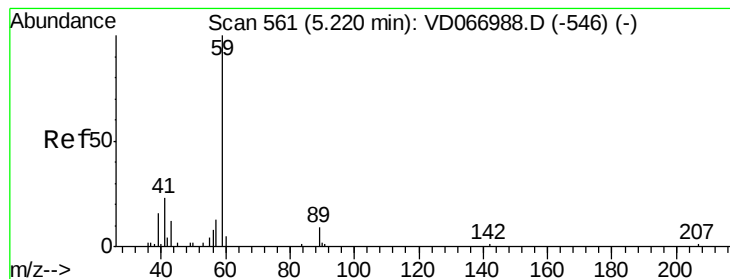


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



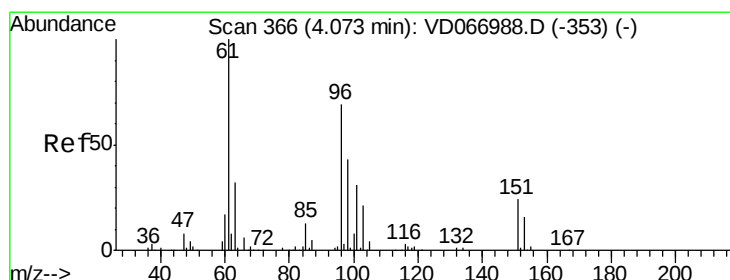
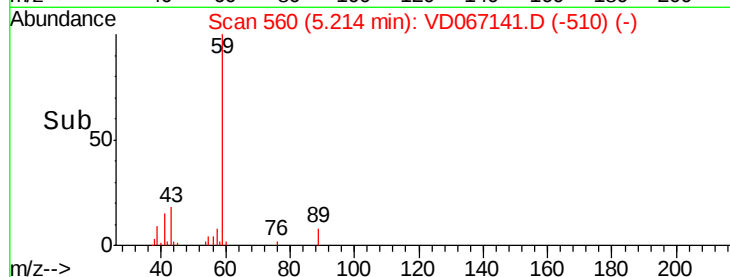
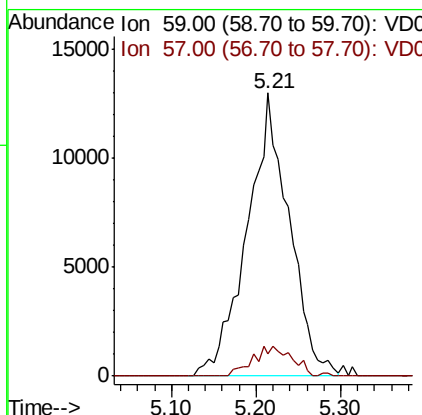
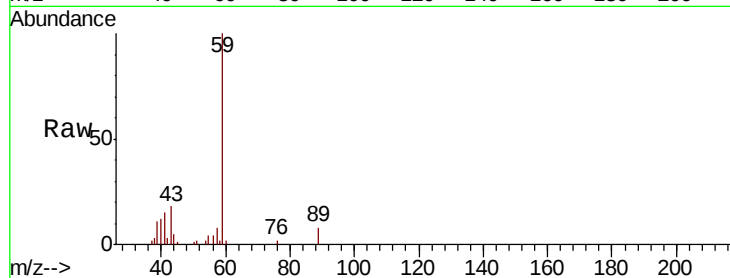


#11

Tert butyl alcohol
 Concen: 195.641 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

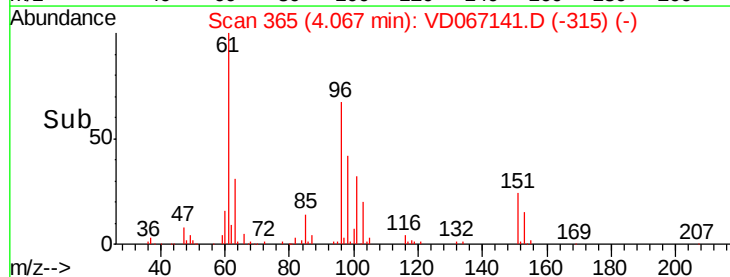
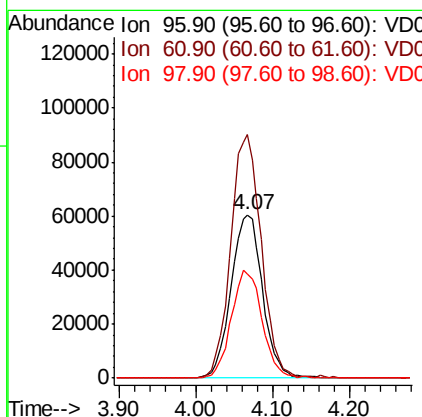
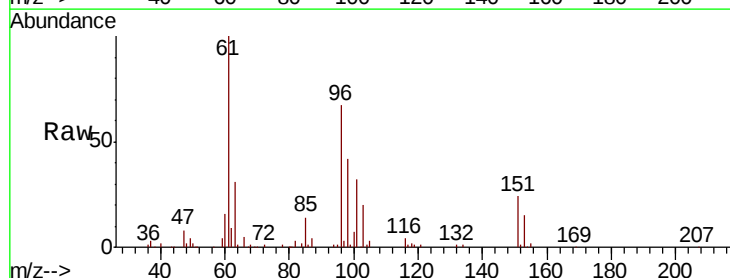
Tot Ion: 59 Resp: 44830
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.4

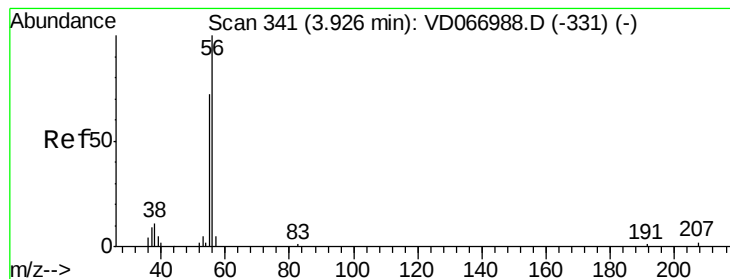


#12

1,1-Dichloroethene
 Concen: 47.546 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion: 96 Resp: 172618
 Ion Ratio Lower Upper
 96 100
 61 149.4 116.4 174.6
 98 63.5 49.9 74.9





#13

Acrolein

Concen: 264.124 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

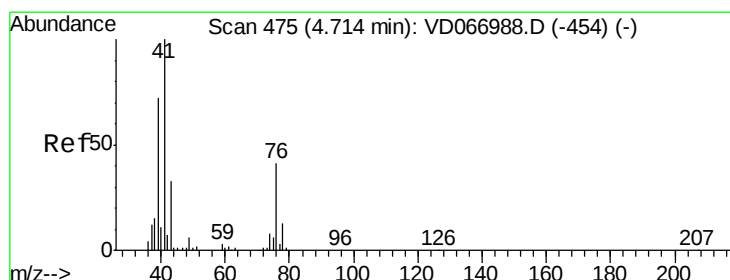
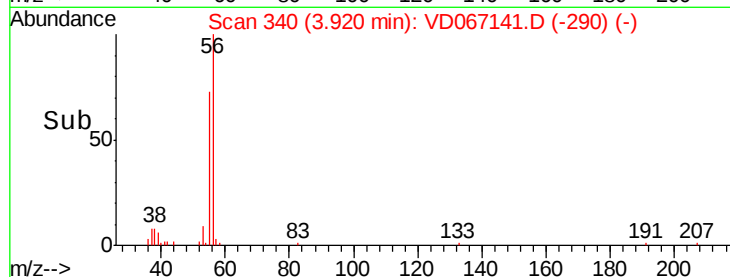
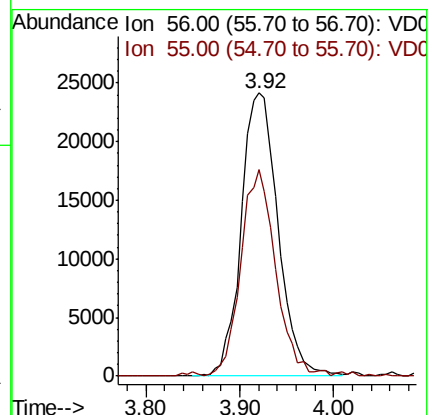
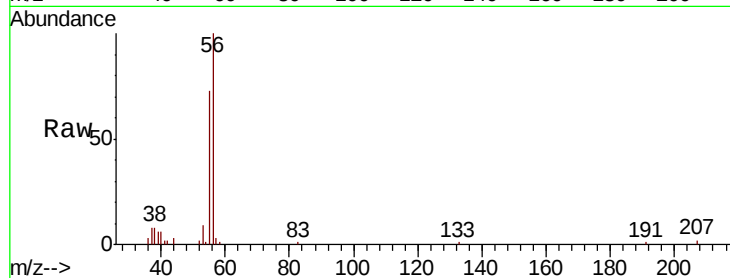
VSTDCCC050

Tot Ion: 56 Resp: 65606

Ion Ratio Lower Upper

56 100

55 68.9 56.9 85.3



#14

Allyl chloride

Concen: 43.474 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

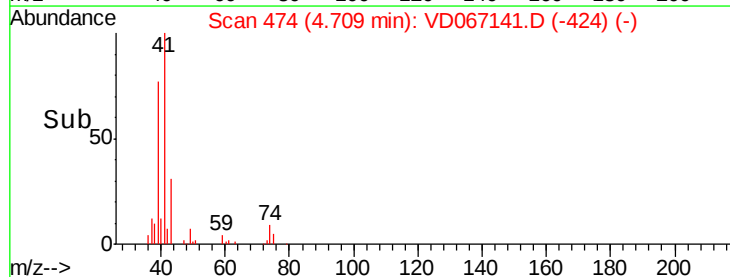
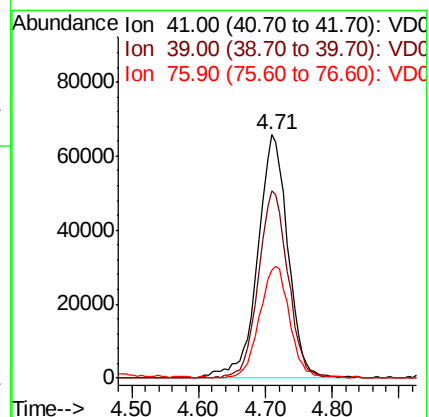
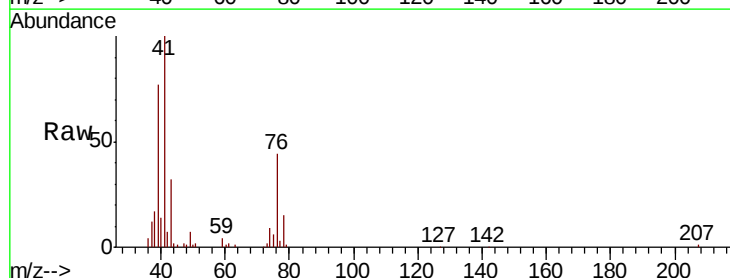
Tgt Ion: 41 Resp: 205038

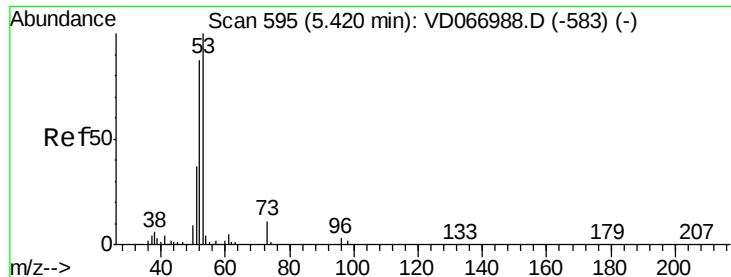
Ion Ratio Lower Upper

41 100

39 75.5 56.2 84.2

76 45.8 34.2 51.2





#15

Acrylonitrile

Concen: 226.066 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

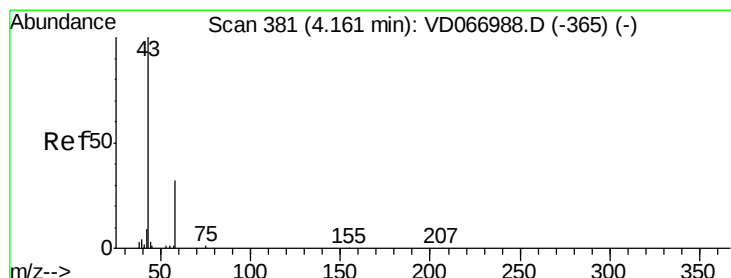
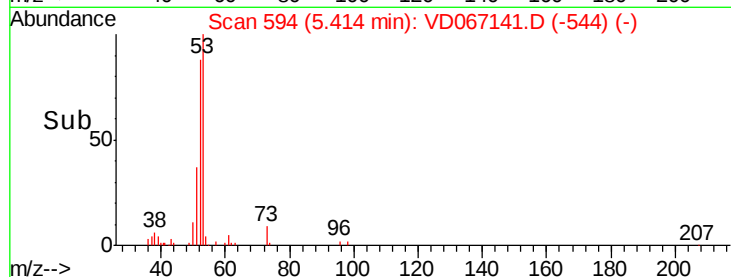
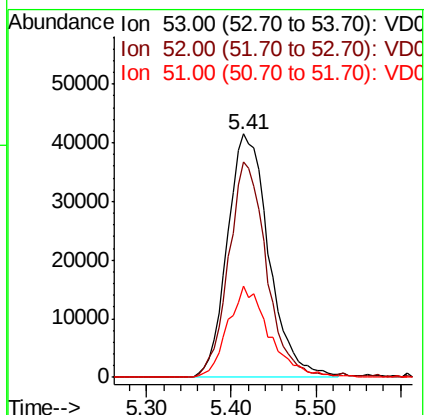
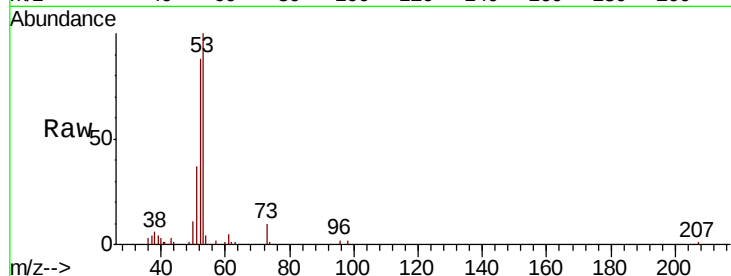
Tot Ion: 53 Resp: 140976

Ion Ratio Lower Upper

53 100

52 80.8 67.3 100.9

51 37.2 30.2 45.2



#16

Acetone

Concen: 283.862 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067141.D

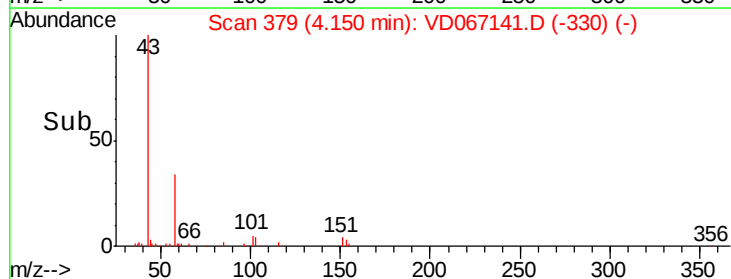
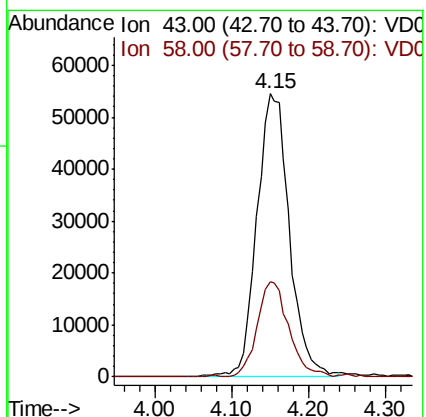
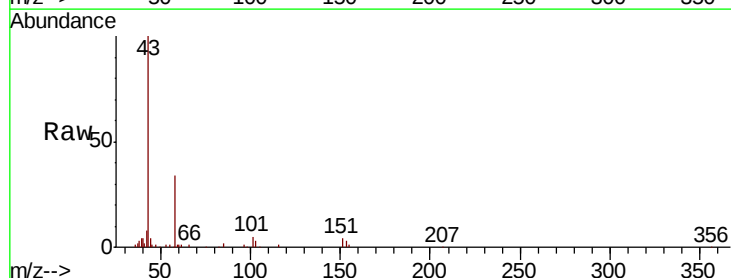
Acq: 07 Oct 2020 09:57

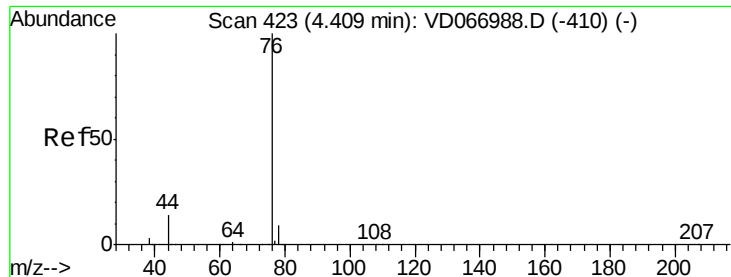
Tgt Ion: 43 Resp: 160742

Ion Ratio Lower Upper

43 100

58 33.6 25.9 38.9

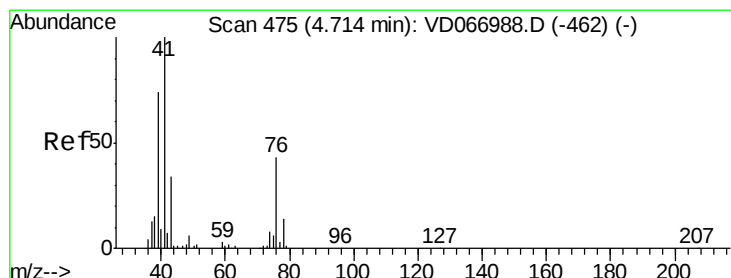
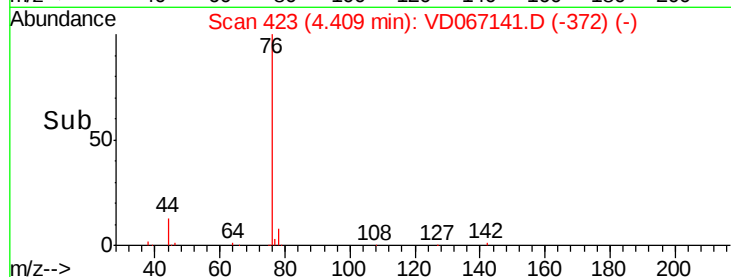
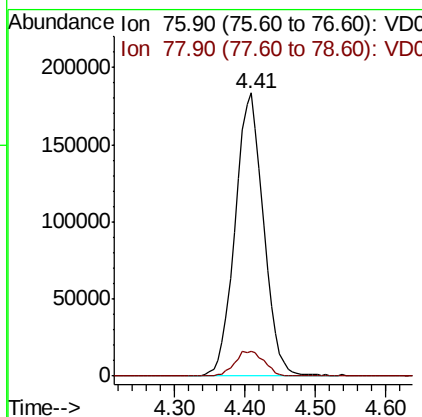
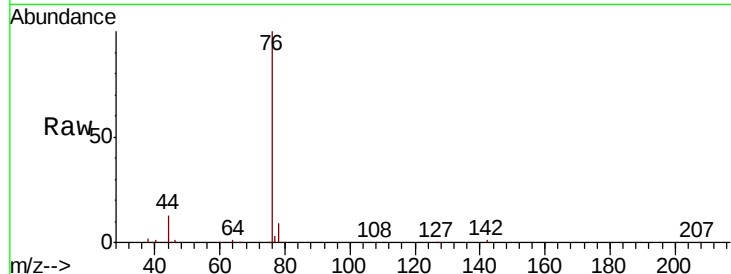




#17
Carbon Disulfide
Concen: 46.097 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

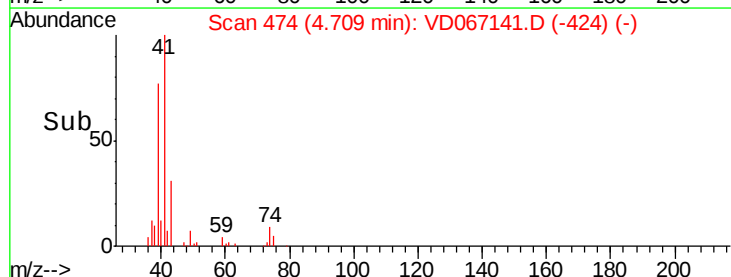
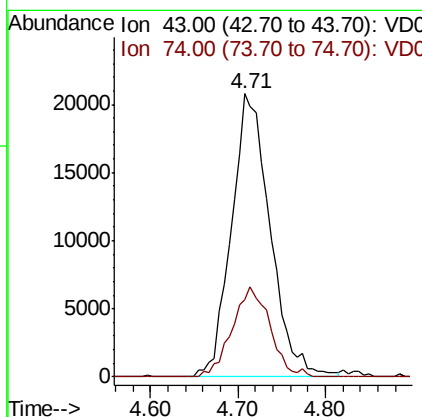
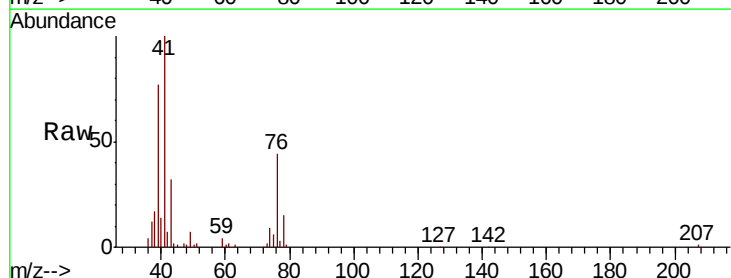
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

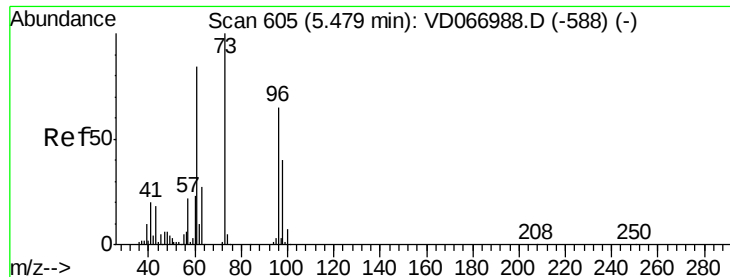
Tot Ion: 76 Resp: 513604
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 43.845 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 43 Resp: 62401
Ion Ratio Lower Upper
43 100
74 31.0 21.5 32.3



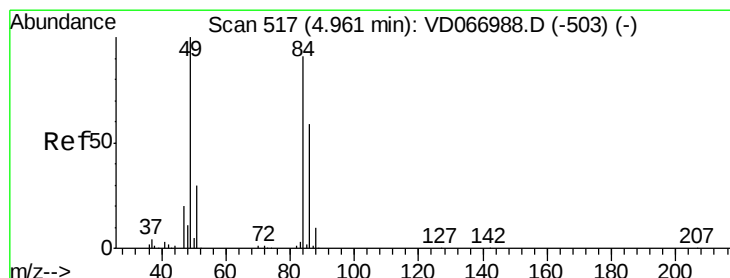
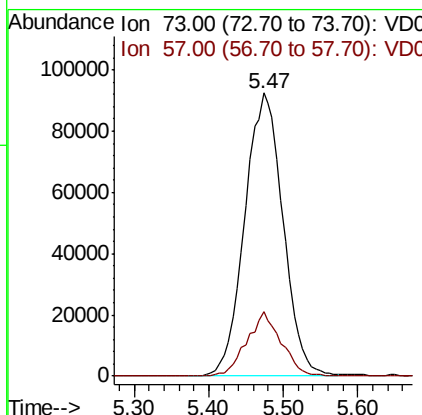
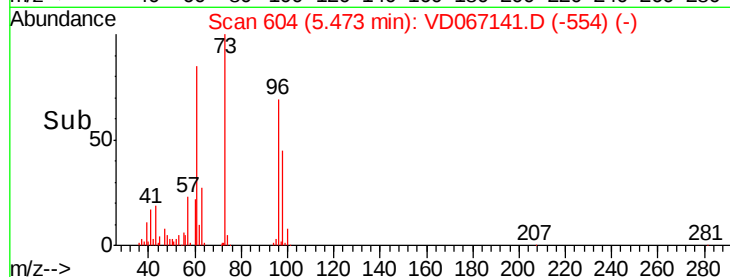
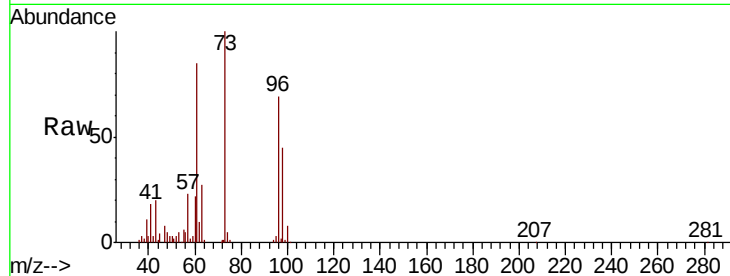


#19

Methyl tert-butyl Ether
 Concen: 49.689 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

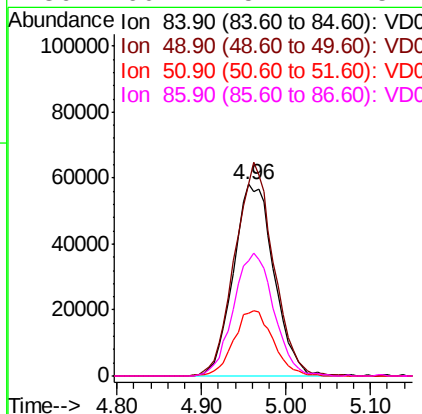
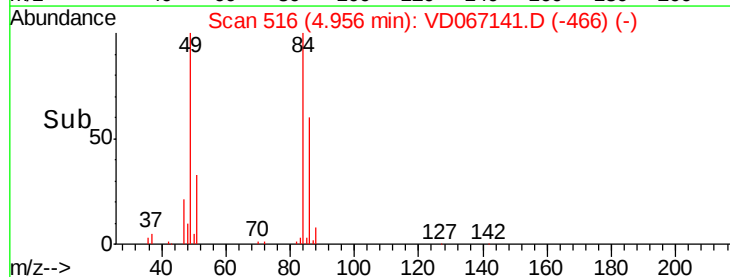
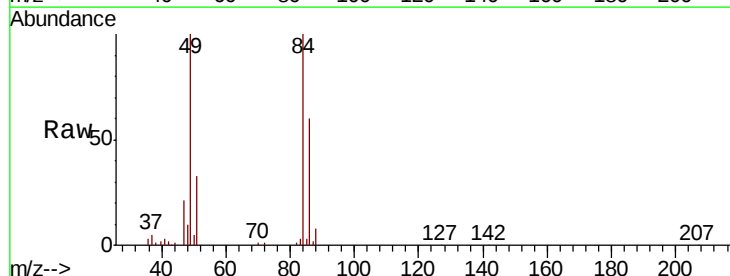
Tot Ion: 73 Resp: 329319
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.4 26.0

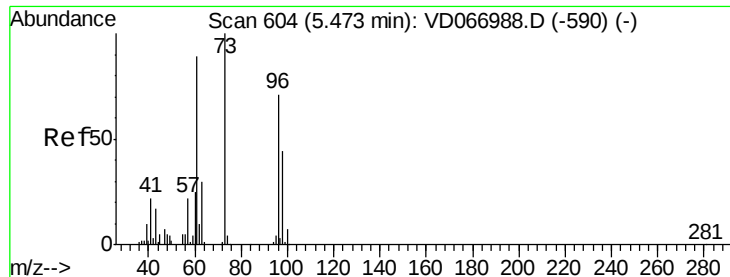


#20

Methylene Chloride
 Concen: 47.834 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion: 84 Resp: 193483
 Ion Ratio Lower Upper
 84 100
 49 99.7 88.2 132.2
 51 32.5 26.6 39.8
 86 60.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.595 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

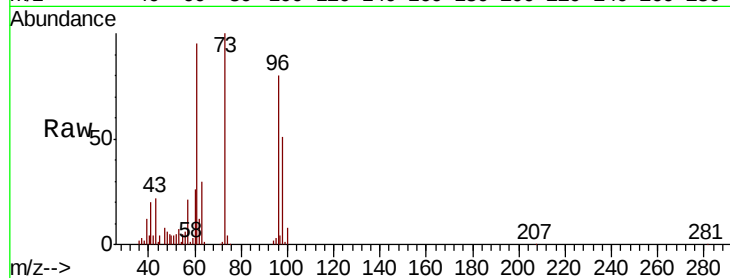
Tot Ion: 96 Resp: 200778

Ion Ratio Lower Upper

96 100

61 118.3 99.6 149.4

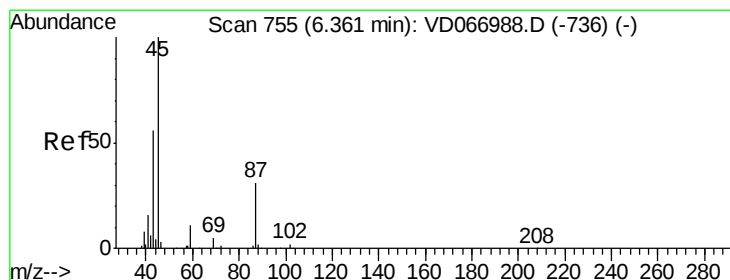
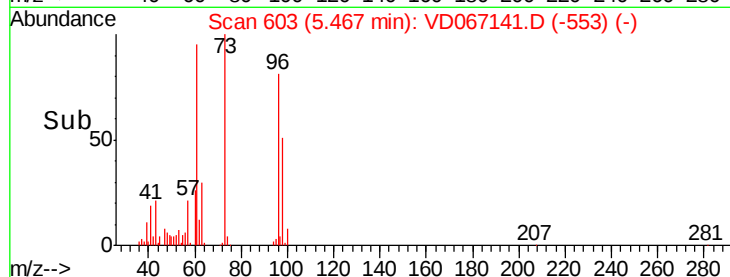
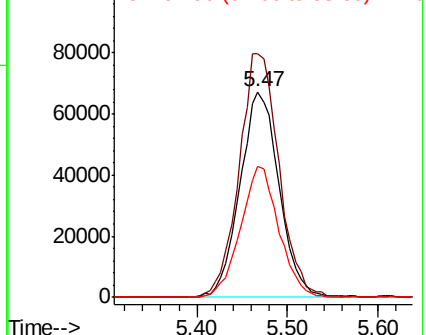
98 63.7 49.4 74.2



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



#22

Diisopropyl ether

Concen: 44.555 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Tgt Ion: 45 Resp: 383634

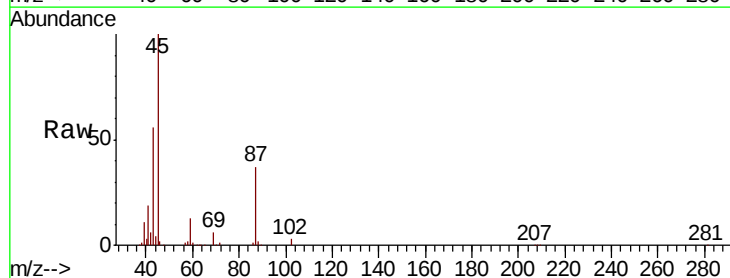
Ion Ratio Lower Upper

45 100

43 54.5 45.2 67.8

87 36.7 25.6 38.4

59 12.3 9.1 13.7

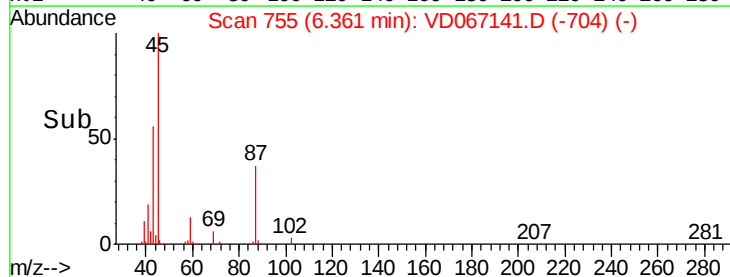
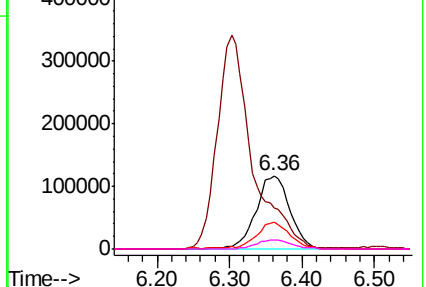


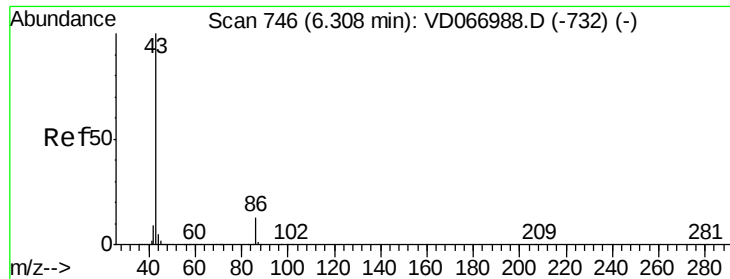
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 236.165 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

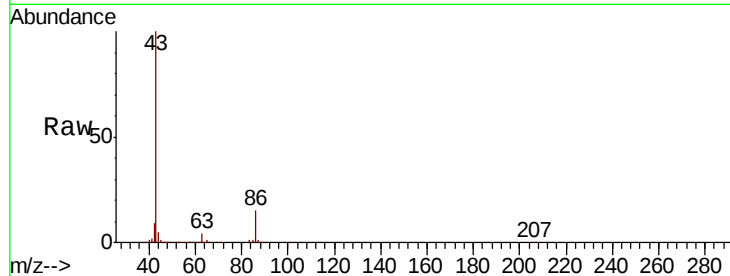
VSTDCCC050

Tot Ion: 43 Resp: 1152300

Ion Ratio Lower Upper

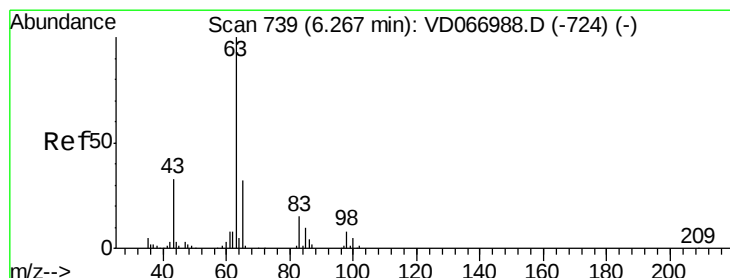
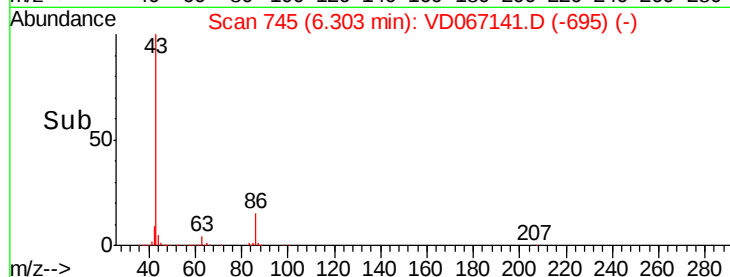
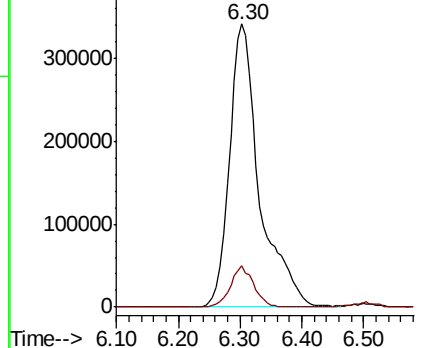
43 100

86 14.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 45.948 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

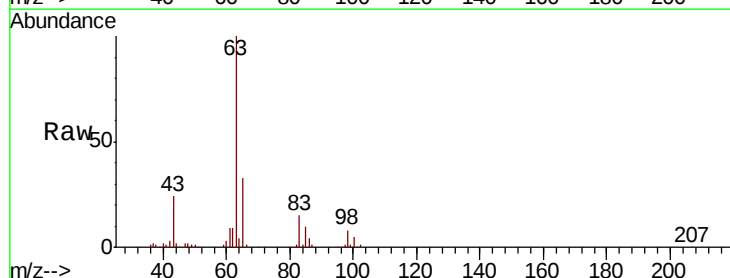
Tgt Ion: 63 Resp: 305327

Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

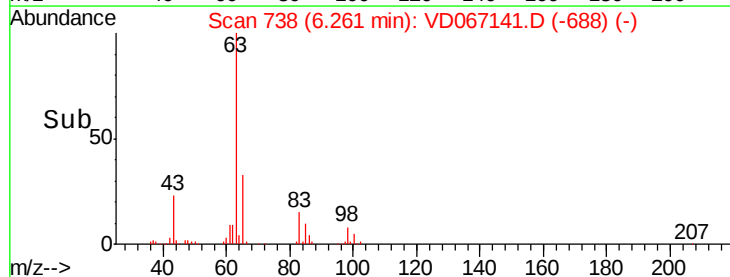
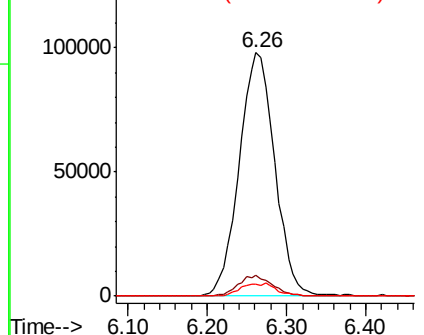
100 4.8 2.6 7.8

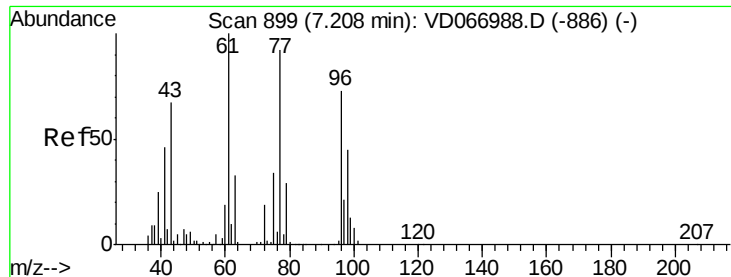


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 213.902 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

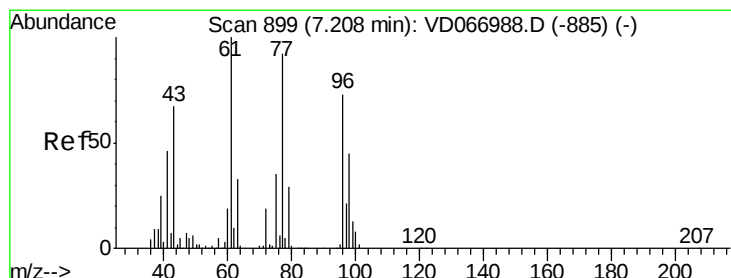
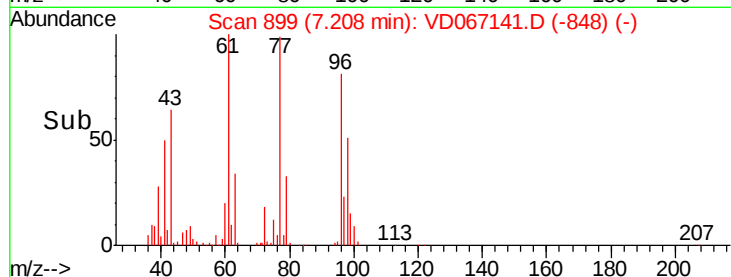
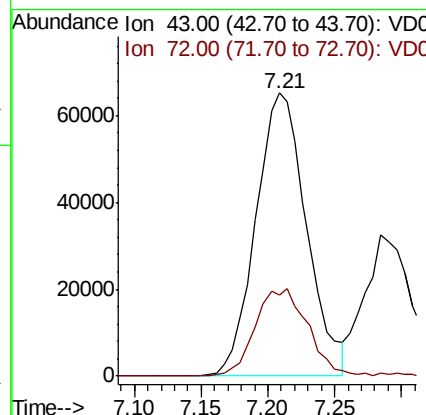
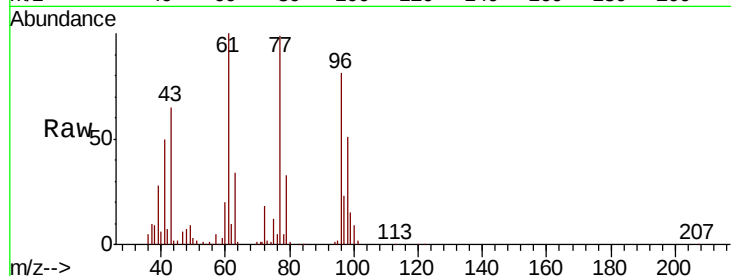
VSTDCCC050

Tot Ion: 43 Resp: 171728

Ion Ratio Lower Upper

43 100

72 28.6 22.8 34.2



#26

2,2-Dichloropropane

Concen: 52.882 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067141.D

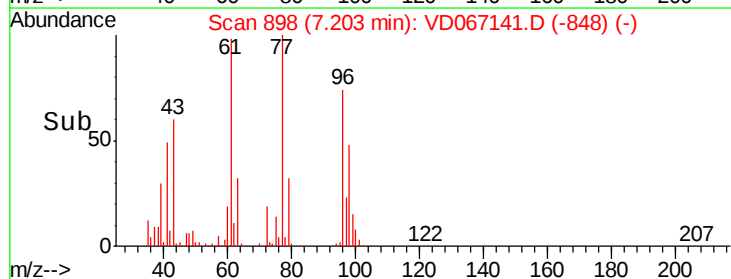
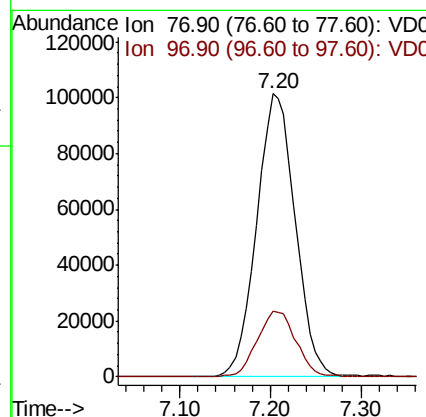
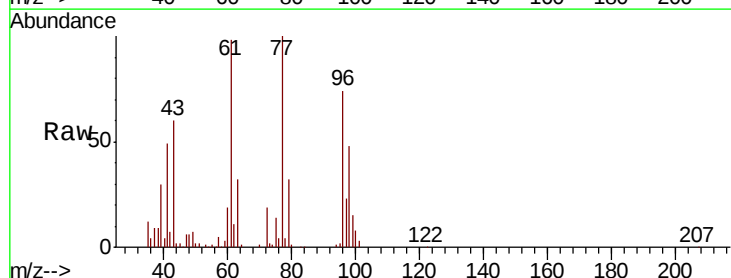
Acq: 07 Oct 2020 09:57

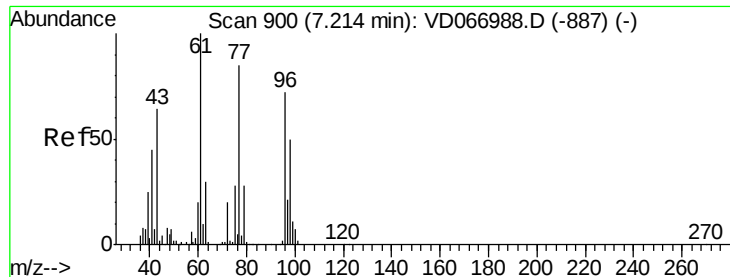
Tgt Ion: 77 Resp: 299133

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.2



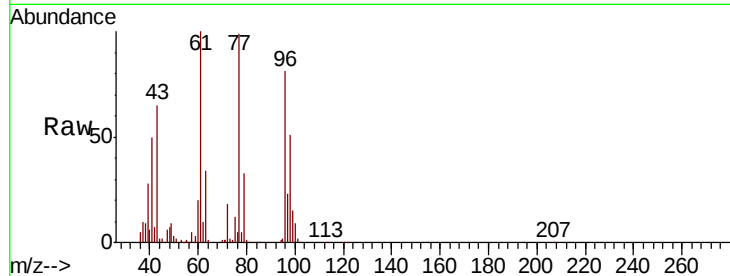


#27

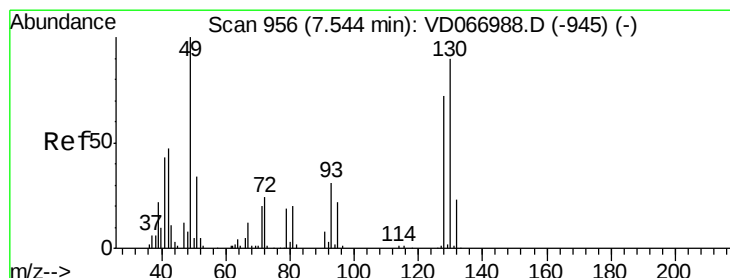
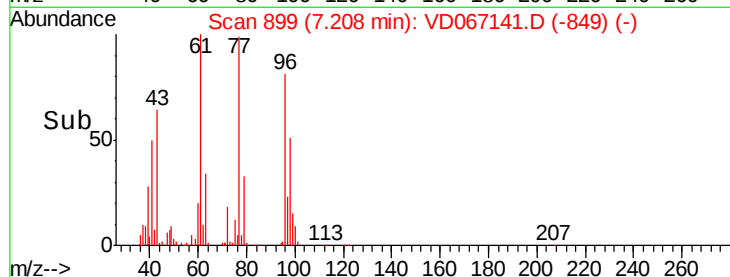
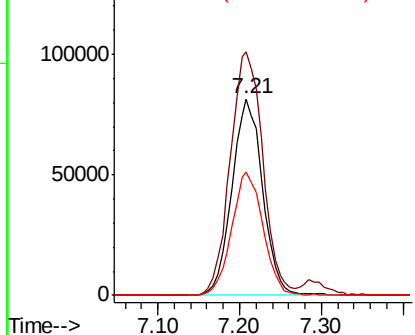
cis-1,2-Dichloroethene
Concen: 48.307 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 213162
Ion Ratio Lower Upper
96 100
61 131.4 0.0 269.2
98 63.7 0.0 129.4



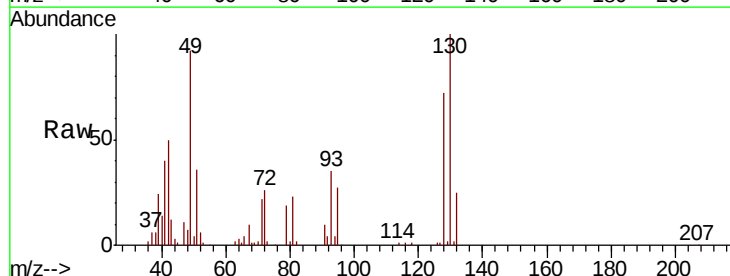
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



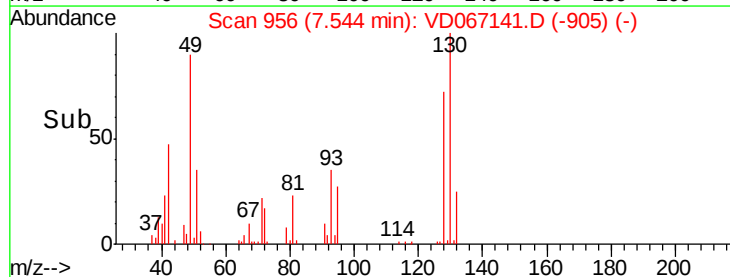
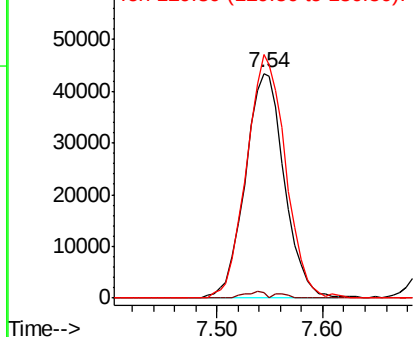
#28

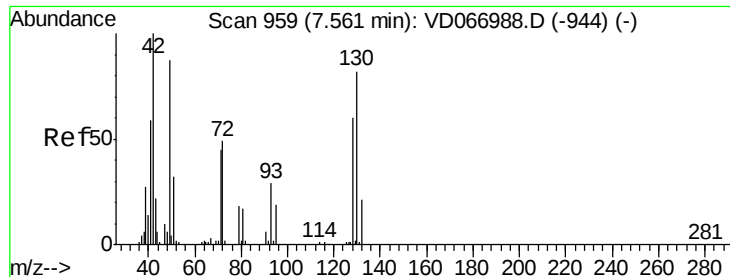
Bromochloromethane
Concen: 43.405 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 49 Resp: 111388
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 108.4 74.1 111.1



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

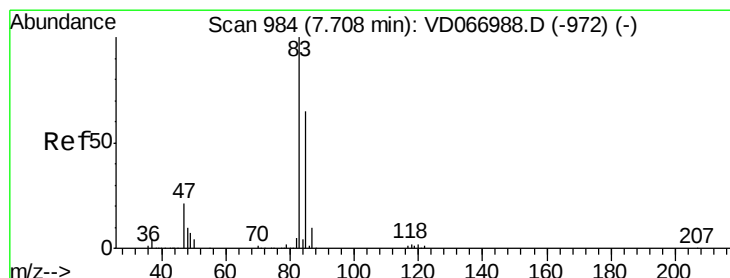
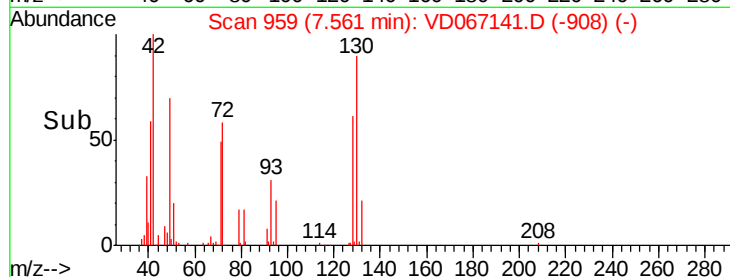
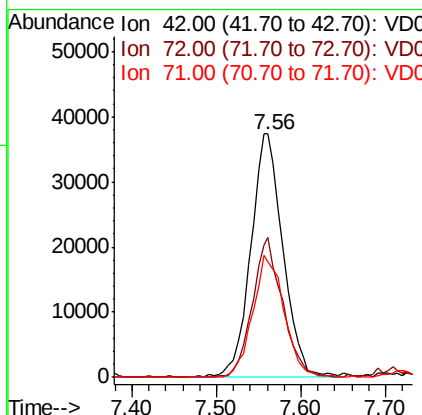
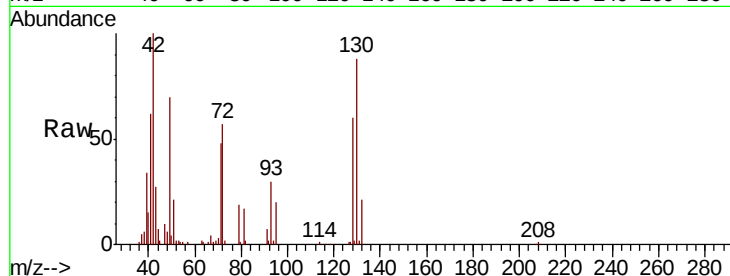




#29
Tetrahydrofuran
Concen: 215.307 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

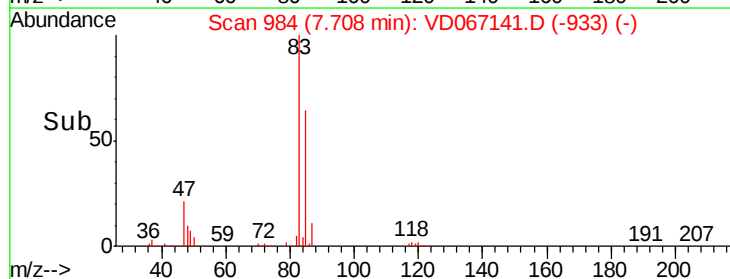
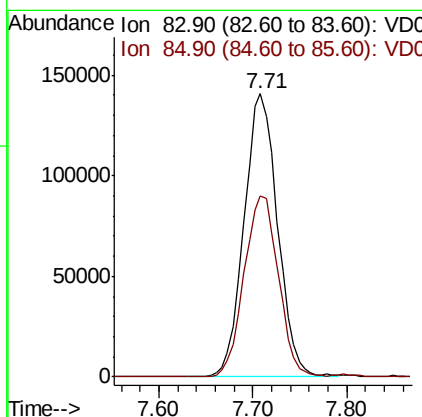
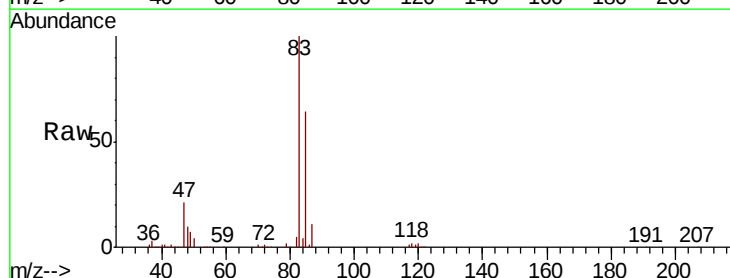
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

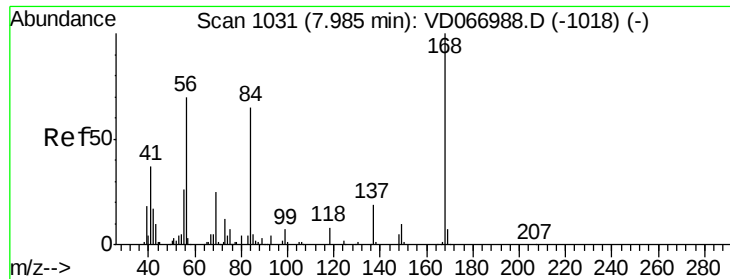
Tot Ion: 42 Resp: 99391
Ion Ratio Lower Upper
42 100
72 53.6 39.1 58.7
71 48.9 34.2 51.4



#30
Chloroform
Concen: 48.265 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 83 Resp: 347916
Ion Ratio Lower Upper
83 100
85 64.1 52.3 78.5

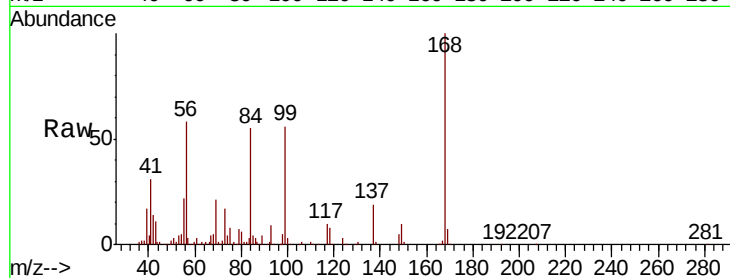




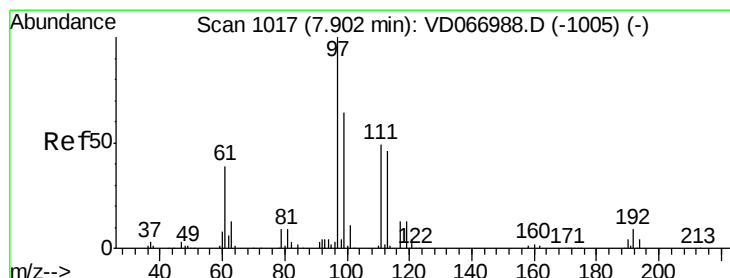
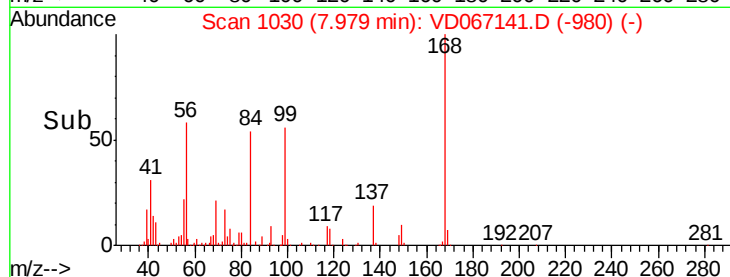
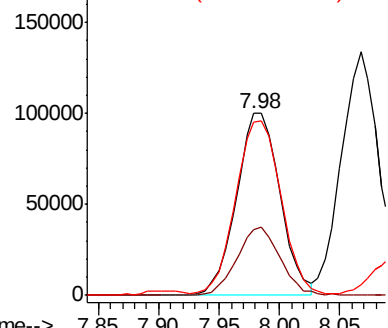
#31
Cyclohexane
Concen: 44.892 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 250094
Ion Ratio Lower Upper
56 100
69 36.4 29.0 43.6
84 93.0 74.2 111.2

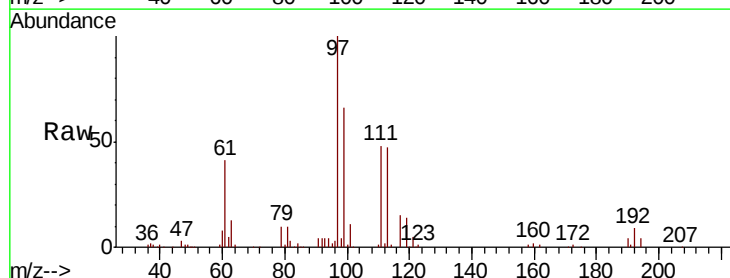


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

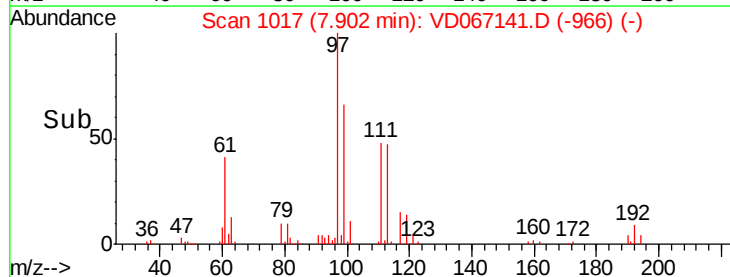
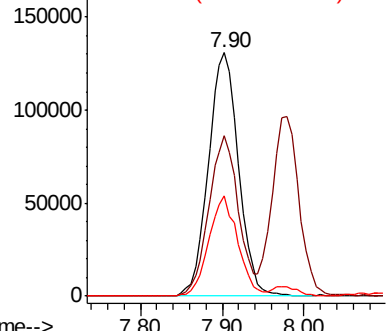


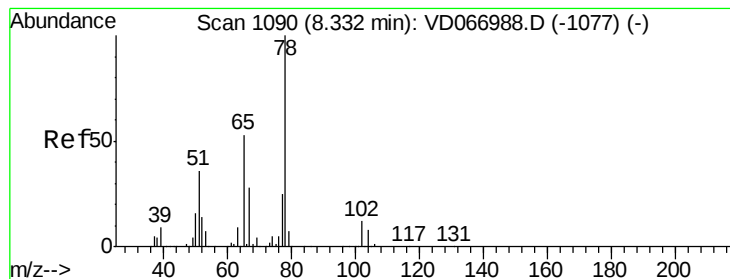
#32
1,1,1-Trichloroethane
Concen: 50.234 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 97 Resp: 335590
Ion Ratio Lower Upper
97 100
99 64.2 52.6 78.8
61 39.5 32.8 49.2



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





#33

1,2-Dichloroethane-d4

Concen: 49.649 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

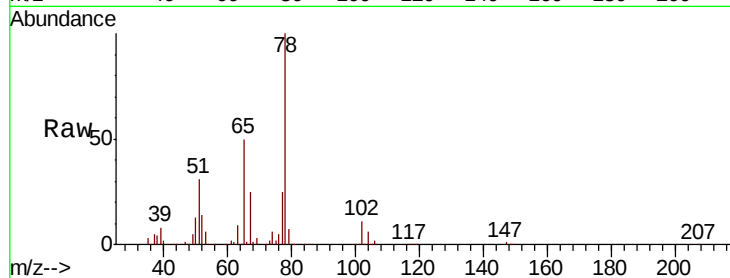
VSTDCCC050

Tot Ion: 65 Resp: 184175

Ion Ratio Lower Upper

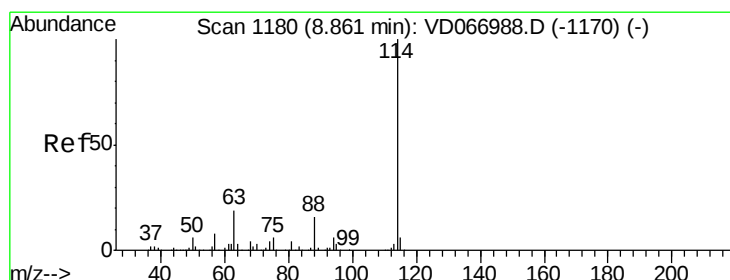
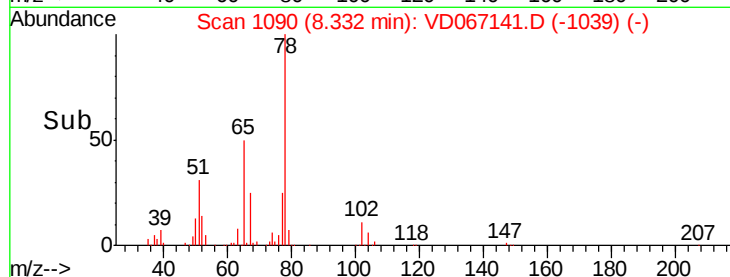
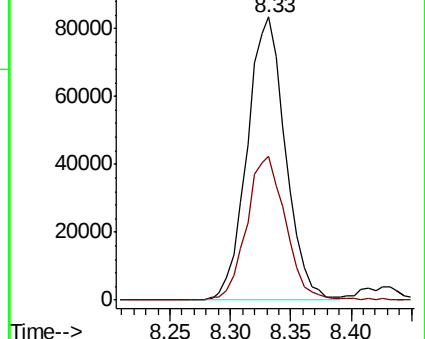
65 100

67 51.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

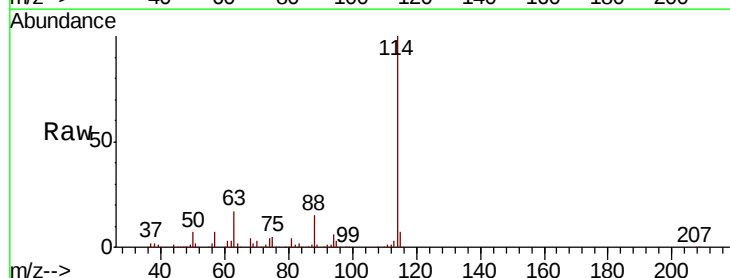
Tgt Ion: 114 Resp: 581890

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

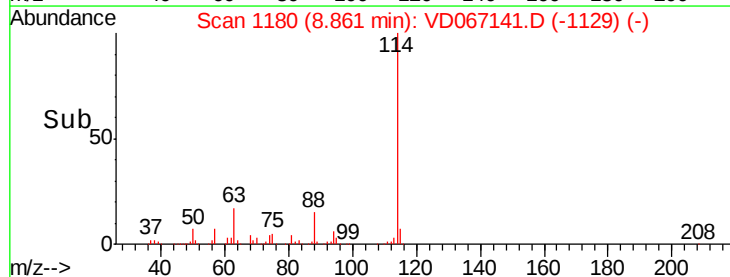
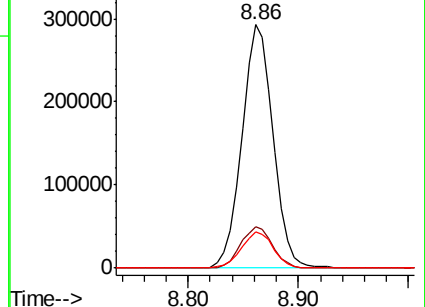
88 15.0 0.0 31.2

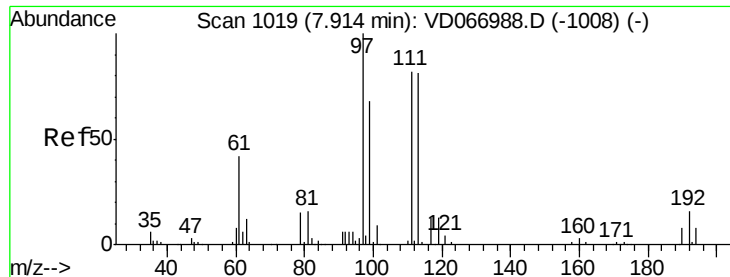


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.174 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

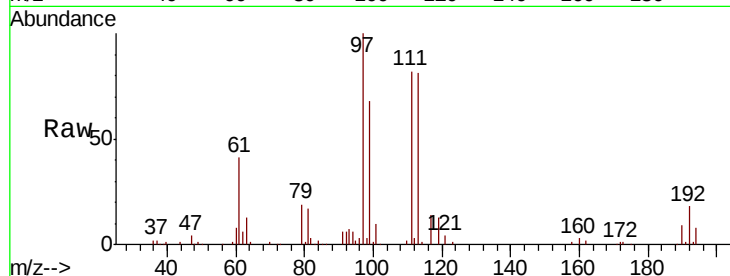
Tot Ion:113 Resp: 194948

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

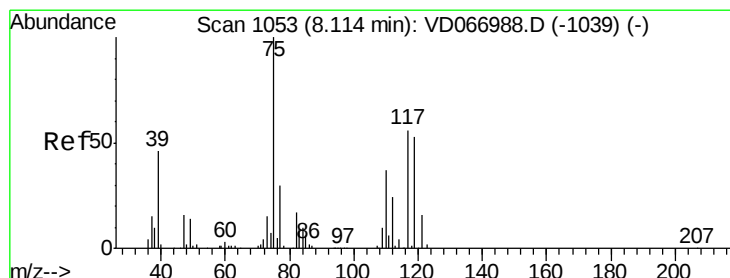
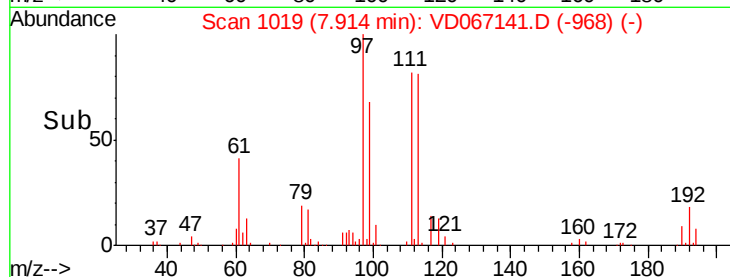
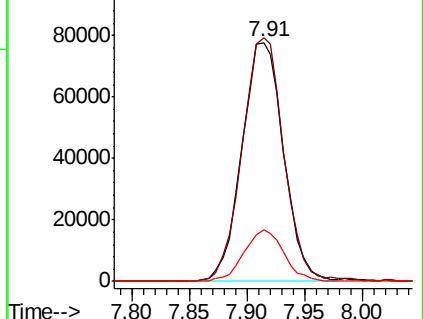
192 20.6 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.857 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

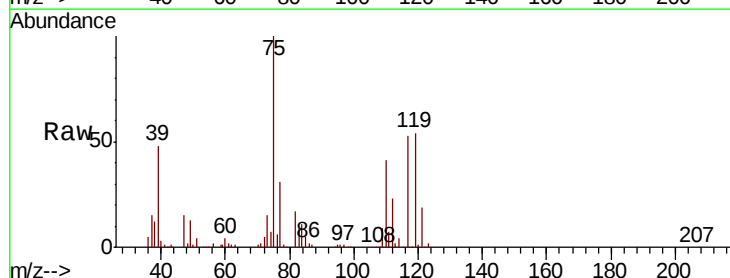
Tgt Ion: 75 Resp: 264996

Ion Ratio Lower Upper

75 100

110 39.2 18.4 55.0

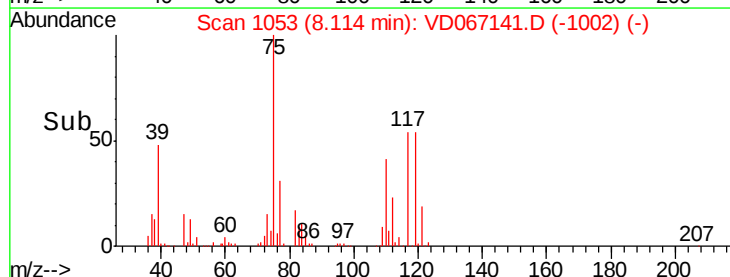
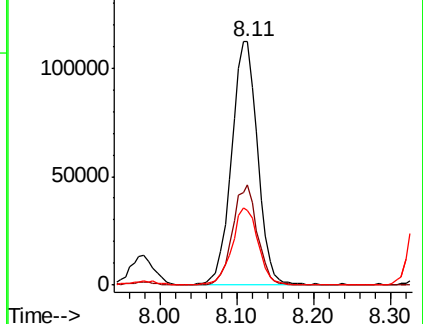
77 32.0 24.8 37.2

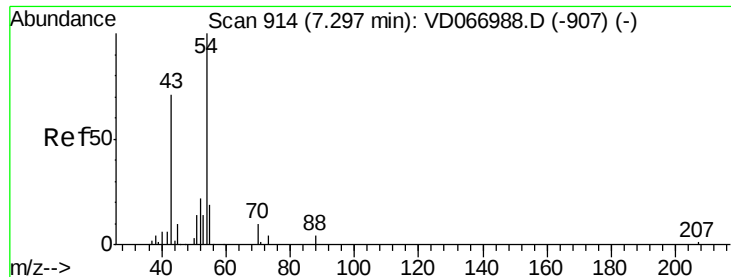


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

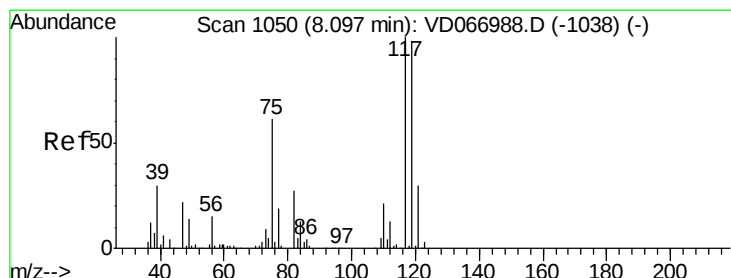
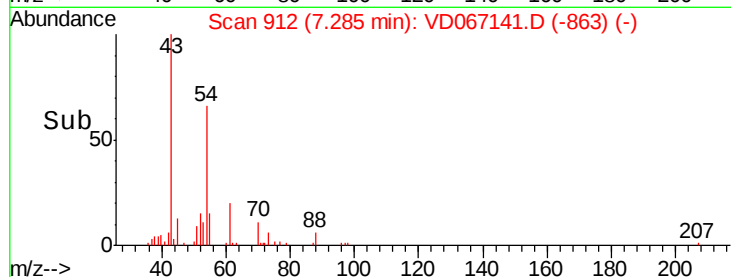
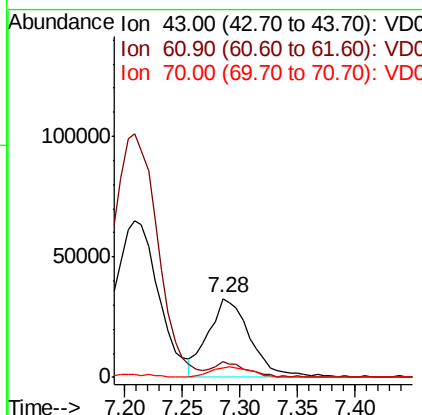
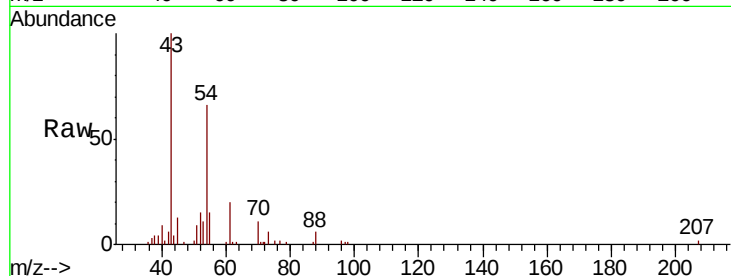




#37
Ethyl Acetate
Concen: 43.299 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

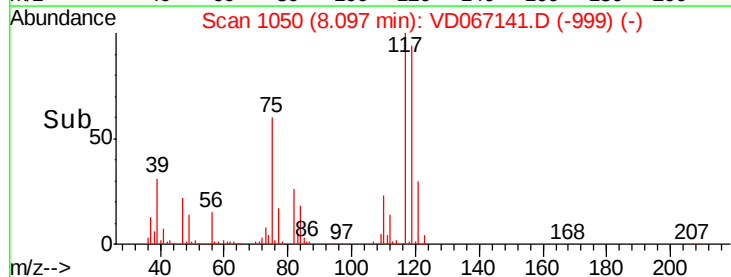
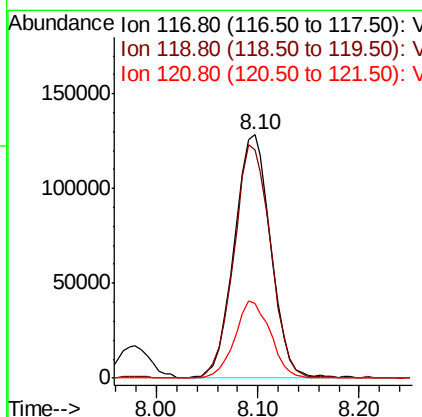
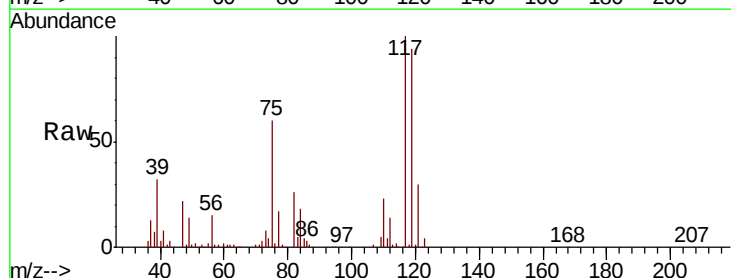
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

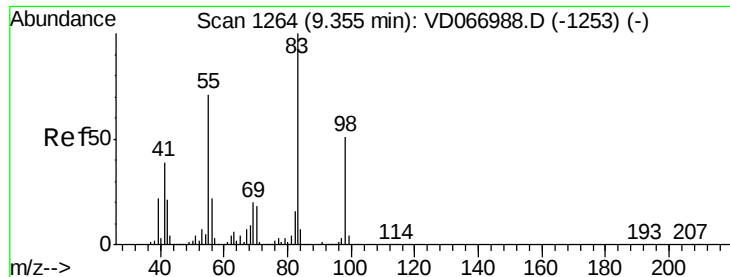
Tot Ion: 43 Resp: 81358
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 12.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 54.506 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 117 Resp: 319869
Ion Ratio Lower Upper
117 100
119 94.0 78.7 118.1
121 30.5 24.2 36.2

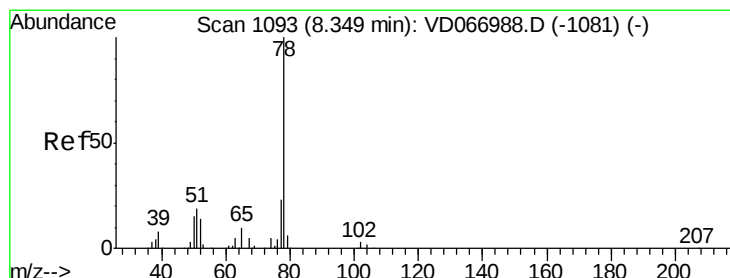
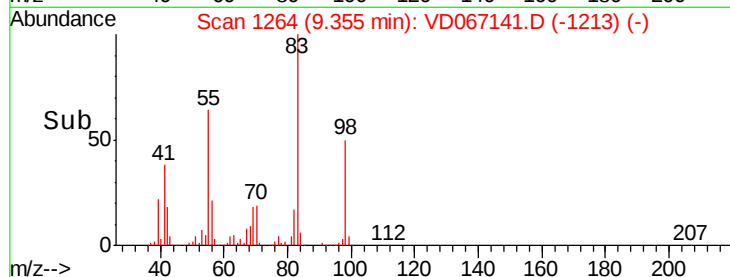
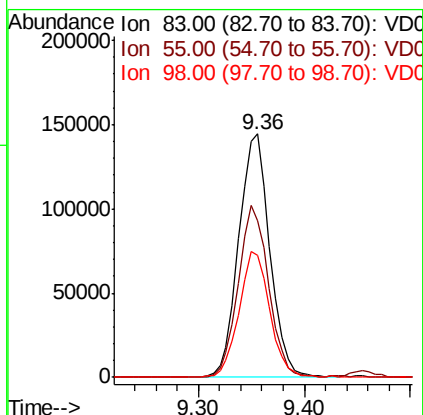
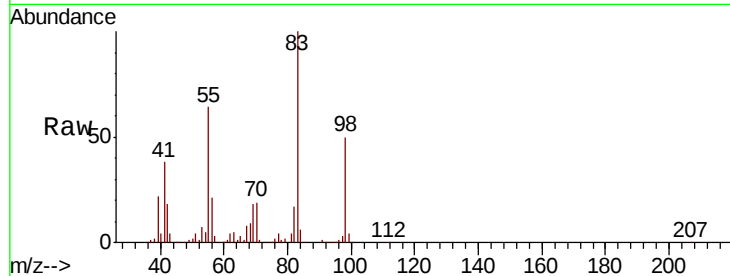




#39
Methvlcvclohexane
Concen: 51.411 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

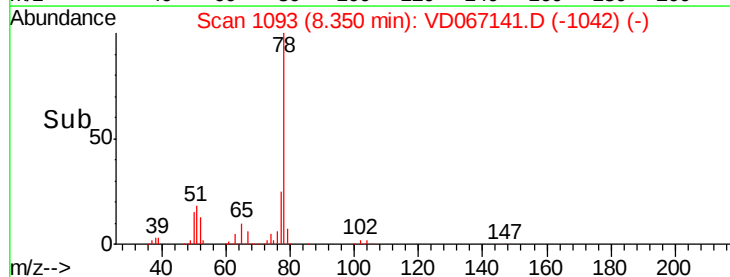
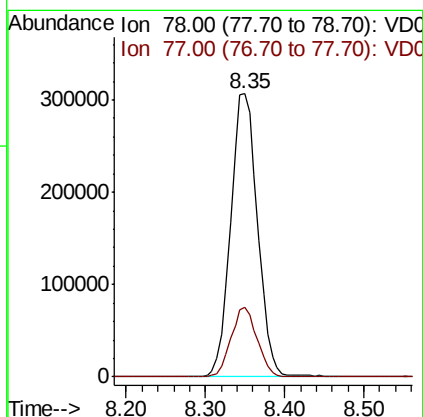
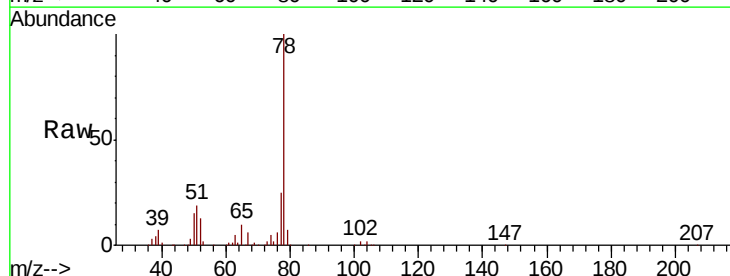
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

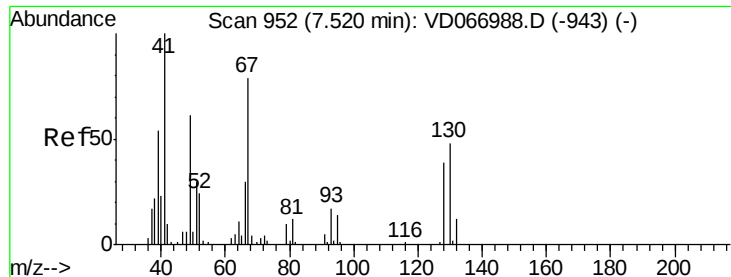
Tot Ion: 83 Resp: 294811
Ion Ratio Lower Upper
83 100
55 64.3 57.1 85.7
98 50.2 40.9 61.3



#40
Benzene
Concen: 47.793 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 78 Resp: 720001
Ion Ratio Lower Upper
78 100
77 24.6 18.4 27.6

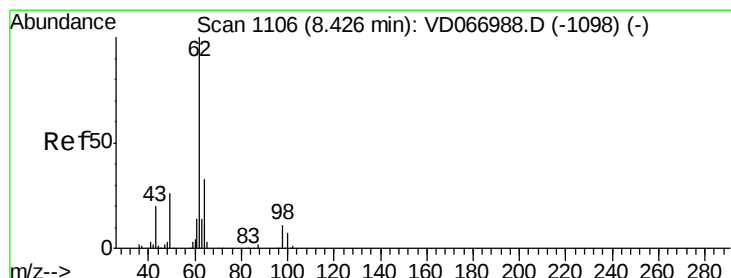
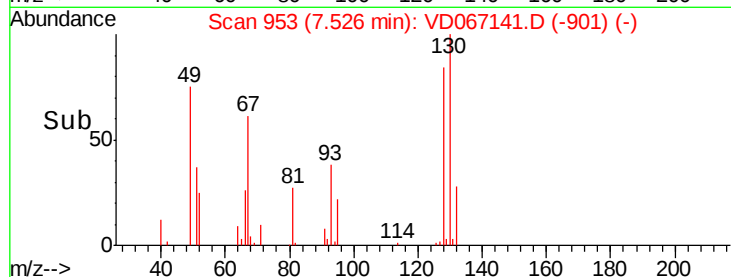
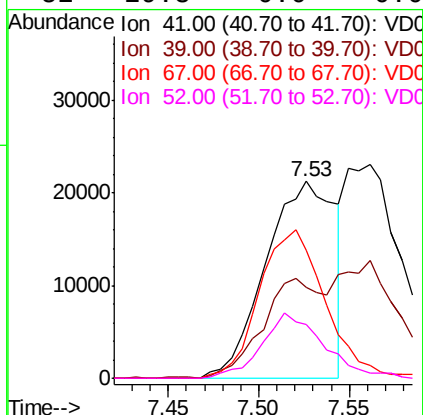
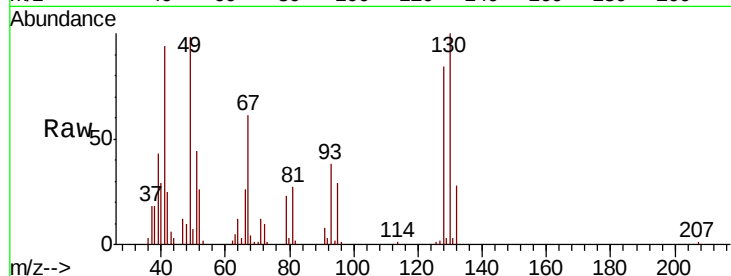




#41
Methacrylonitrile
Concen: 55.730 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

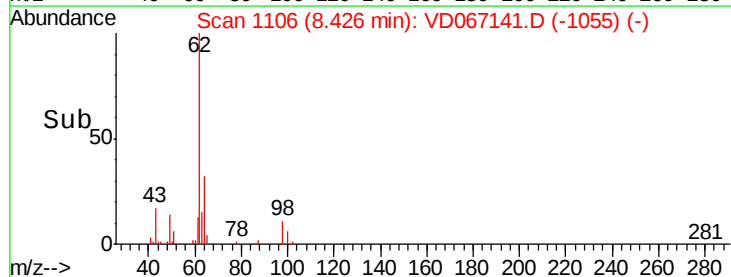
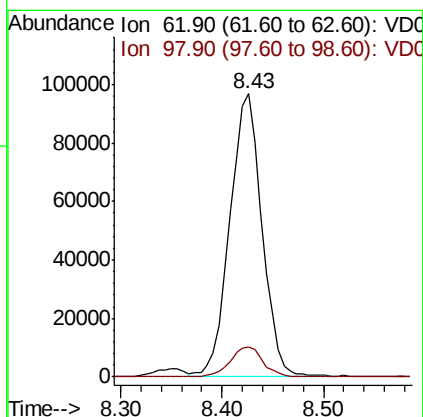
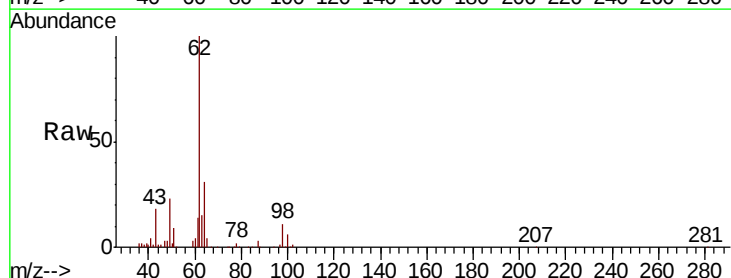
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

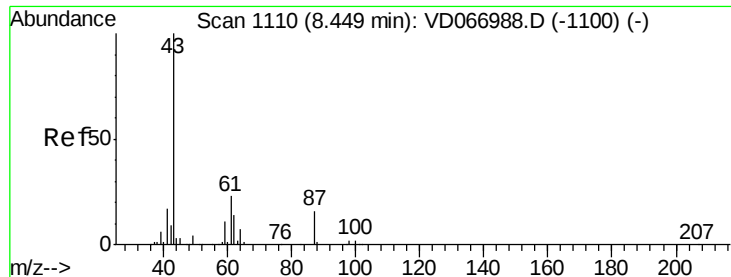
Tot Ion: 41 Resp: 56572
Ion Ratio Lower Upper
41 100
39 45.1 0.0 0.0#
67 72.0 0.0 0.0#
52 29.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.371 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 62 Resp: 212046
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.6





#43

Isopropyl Acetate

Concen: 45.446 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

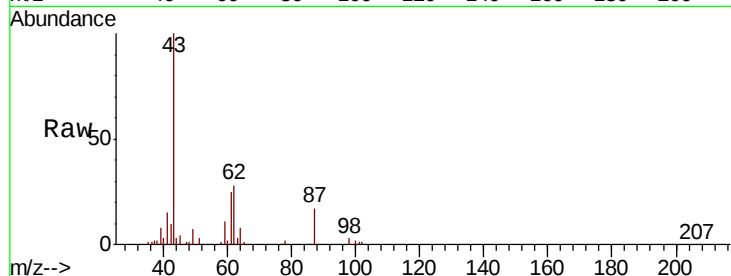
Tot Ion: 43 Resp: 157309

Ion Ratio Lower Upper

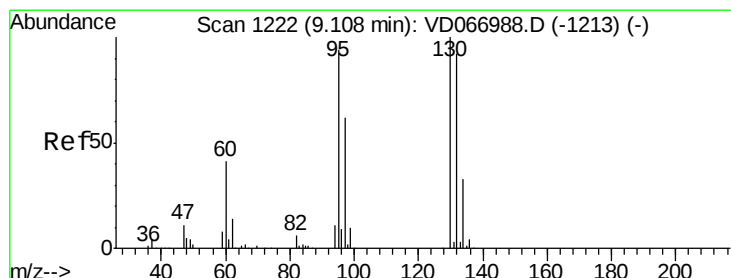
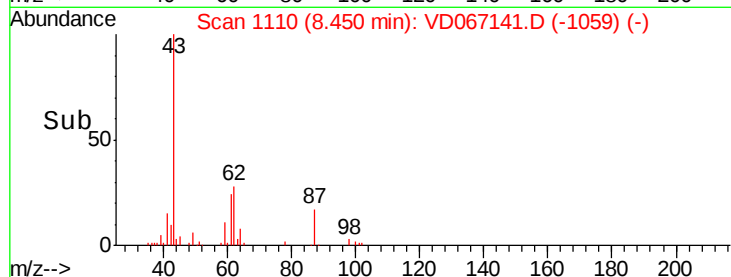
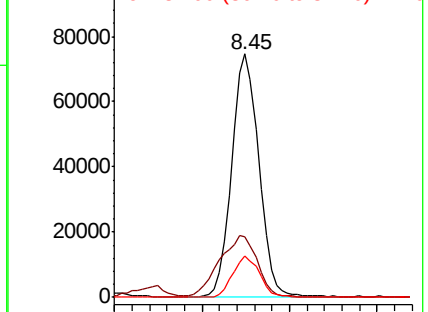
43 100

61 35.5 27.1 40.7

87 16.8 12.3 18.5



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: 51.015 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067141.D

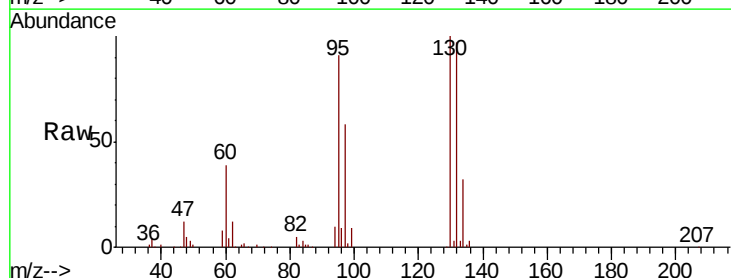
Acq: 07 Oct 2020 09:57

Tgt Ion: 130 Resp: 229493

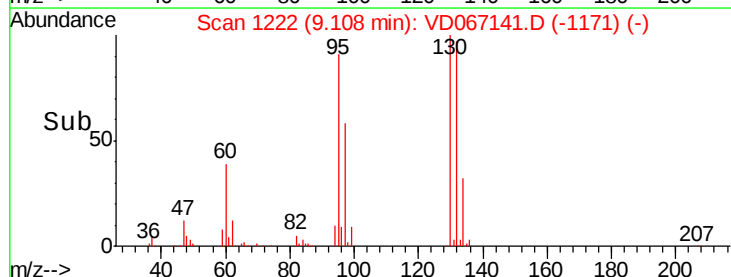
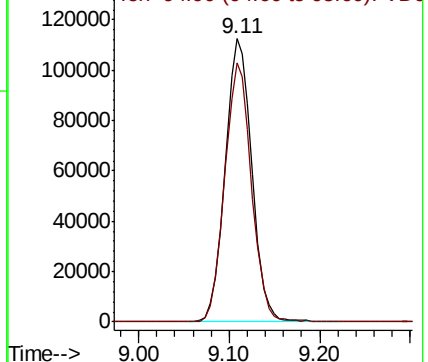
Ion Ratio Lower Upper

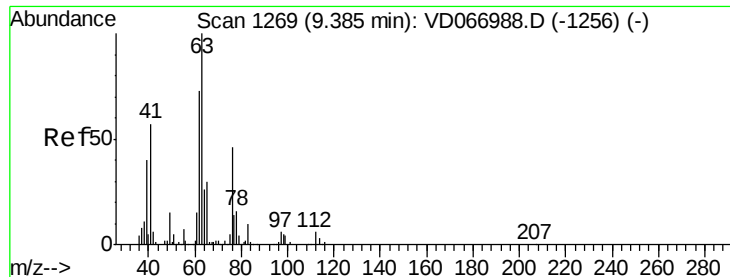
130 100

95 91.3 0.0 187.8



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

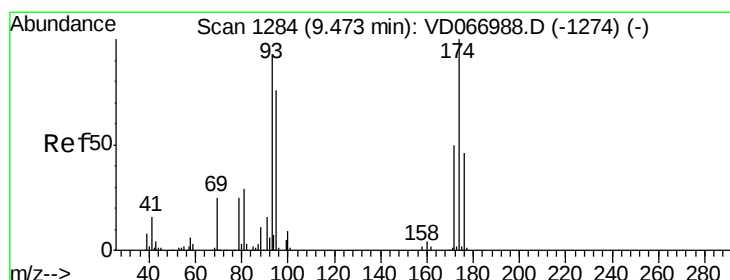
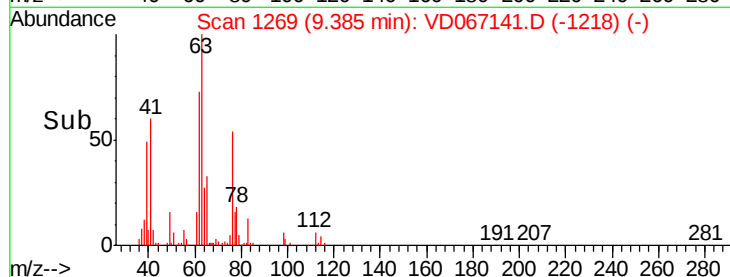
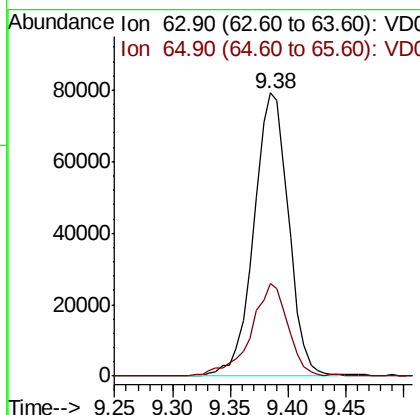
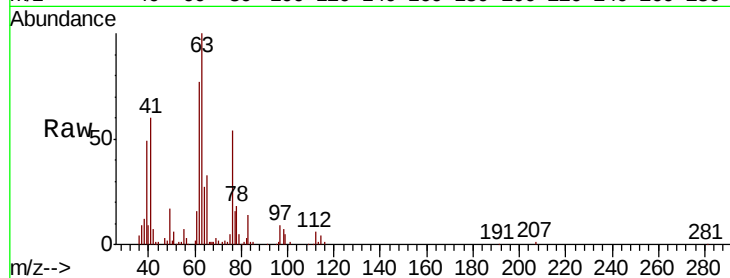




#45
 1,2-Dichloropropane
 Concen: 46.924 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

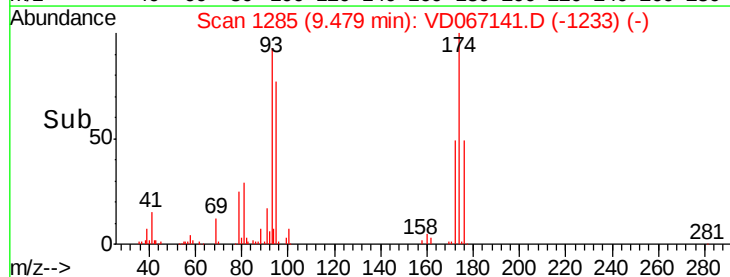
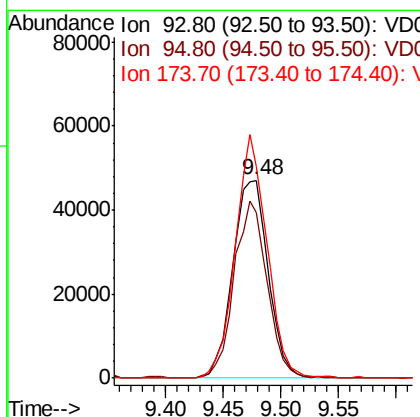
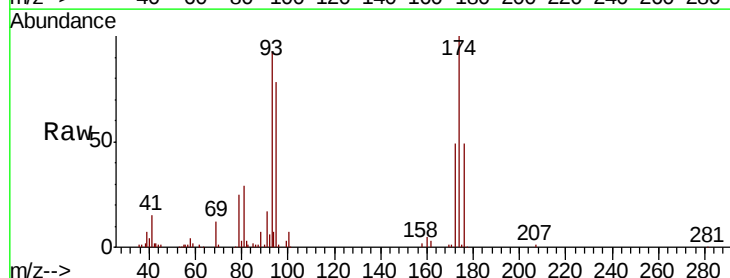
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

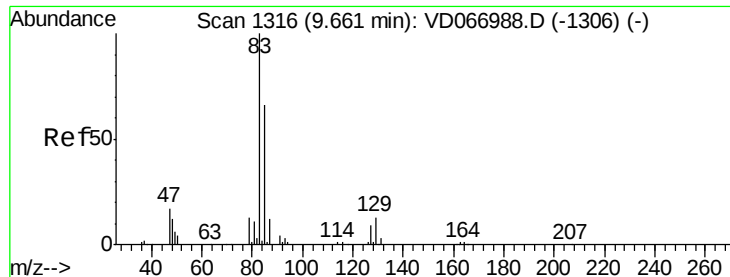
Tot Ion: 63 Resp: 166098
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.7 35.5



#46
 Dibromomethane
 Concen: 49.372 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion: 93 Resp: 100446
 Ion Ratio Lower Upper
 93 100
 95 82.8 64.7 97.1
 174 110.2 81.4 122.2





#47

Bromodichloromethane

Concen: 50.288 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

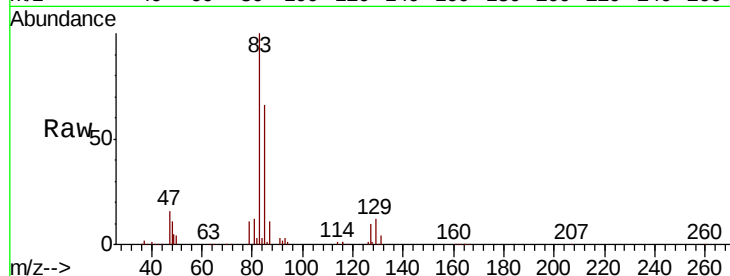
Tot Ion: 83 Resp: 265947

Ion Ratio Lower Upper

83 100

85 66.1 52.9 79.3

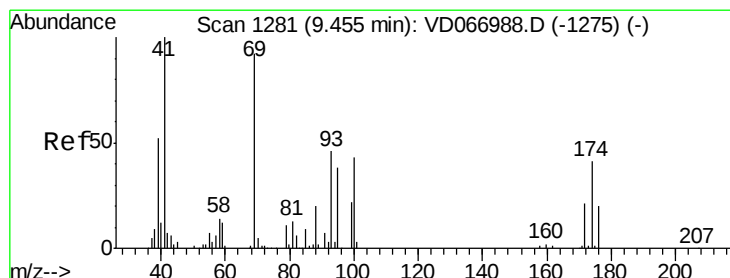
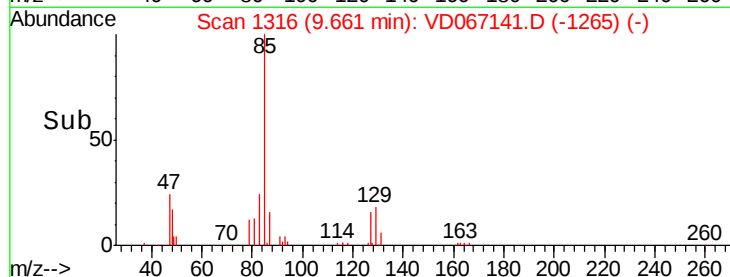
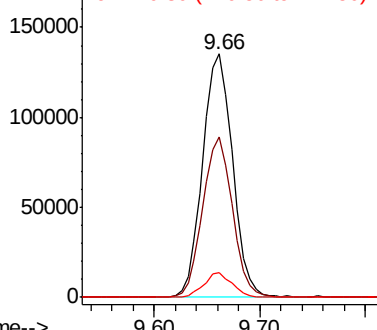
127 10.3 7.3 10.9



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: 43.521 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

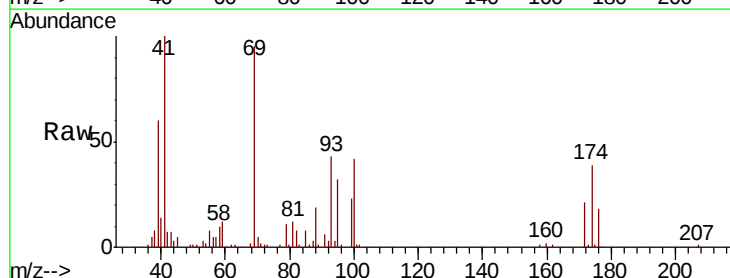
Tgt Ion: 41 Resp: 77179

Ion Ratio Lower Upper

41 100

69 107.3 68.5 102.7#

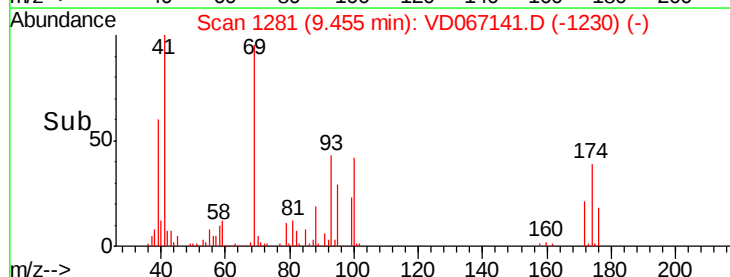
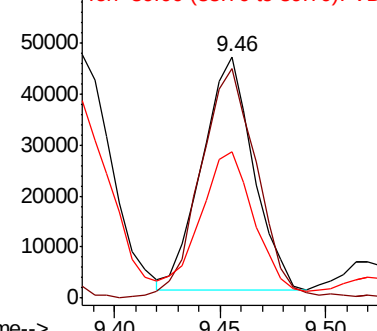
39 68.6 40.2 60.2#

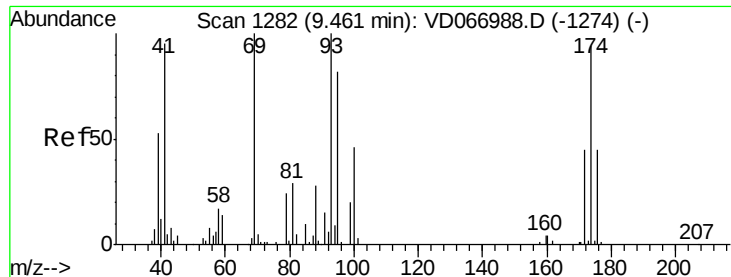


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 948.231 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

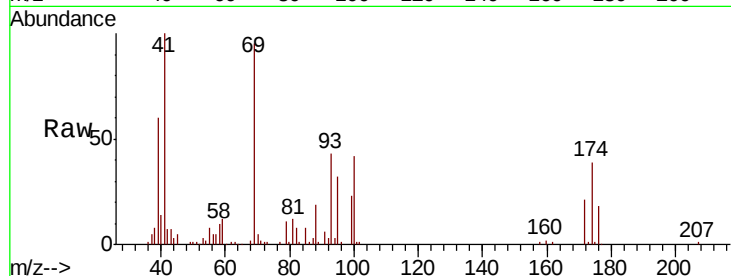
Tot Ion: 88 Resp: 20134

Ion Ratio Lower Upper

88 100

43 34.8 25.6 38.4

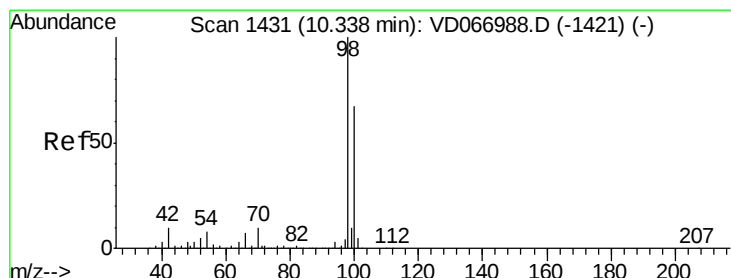
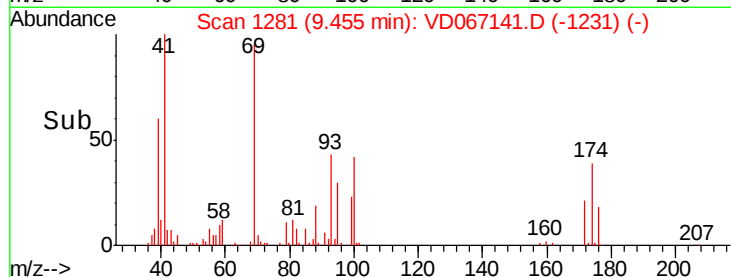
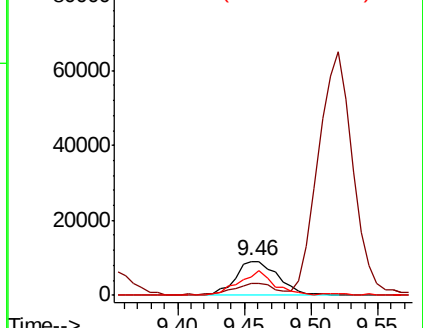
58 59.3 53.5 80.3



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: 51.747 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067141.D

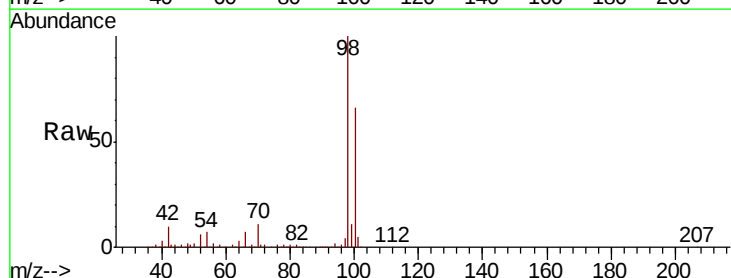
Acq: 07 Oct 2020 09:57

Tgt Ion: 98 Resp: 718322

Ion Ratio Lower Upper

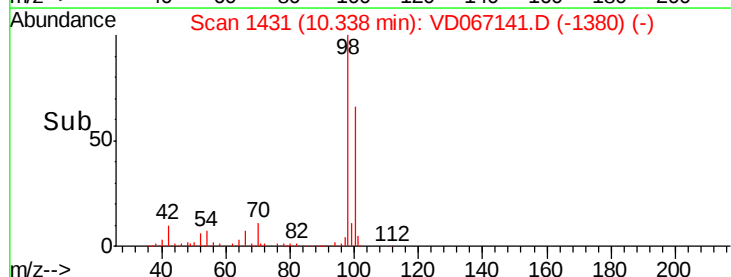
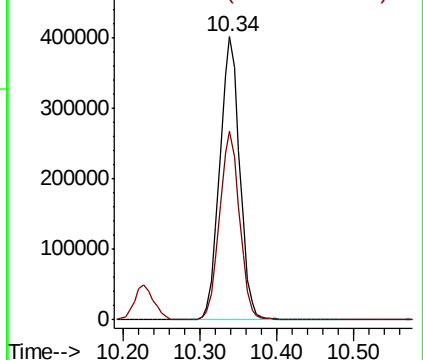
98 100

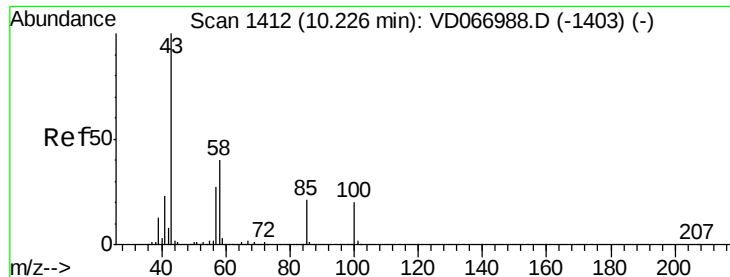
100 66.5 52.8 79.2



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: 229.785 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

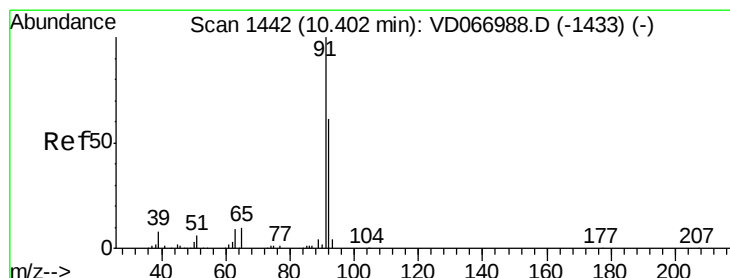
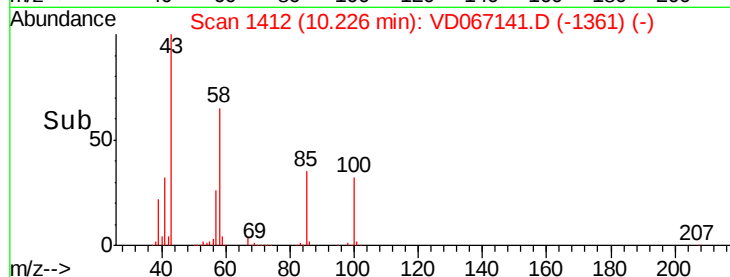
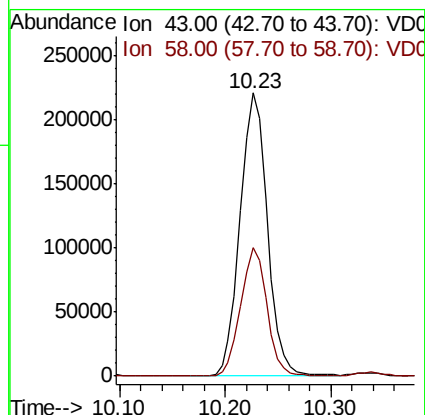
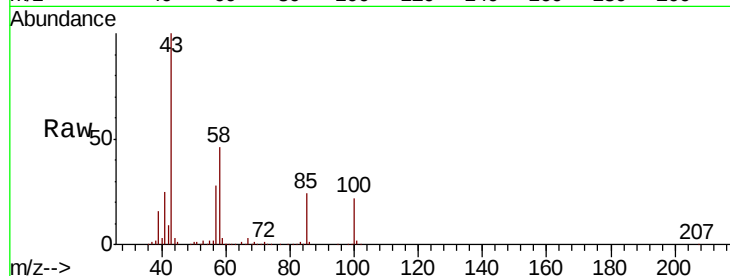
VSTDCCC050

Tot Ion: 43 Resp: 396185

Ion Ratio Lower Upper

43 100

58 43.8 33.8 50.8



#52

Toluene

Concen: 50.493 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067141.D

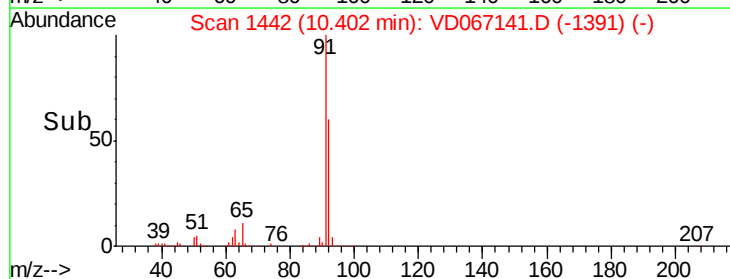
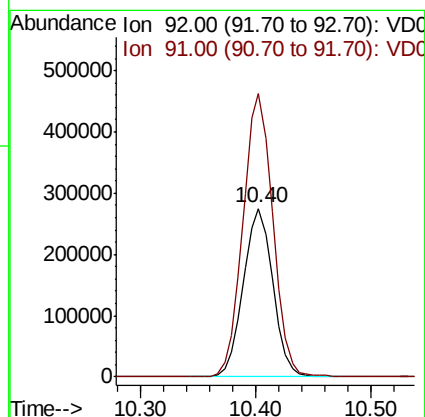
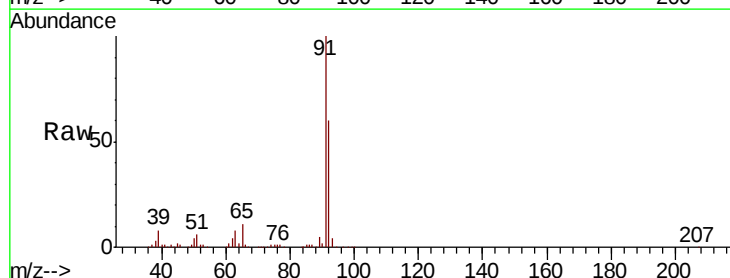
Acq: 07 Oct 2020 09:57

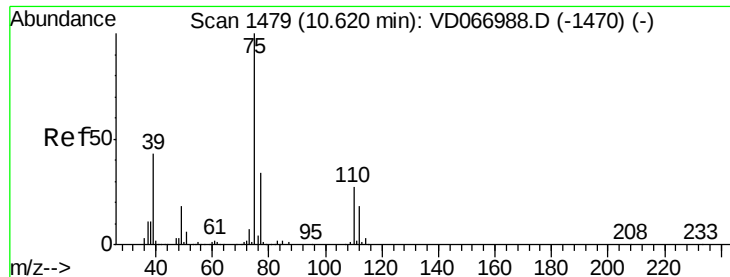
Tgt Ion: 92 Resp: 490013

Ion Ratio Lower Upper

92 100

91 170.1 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 52.200 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

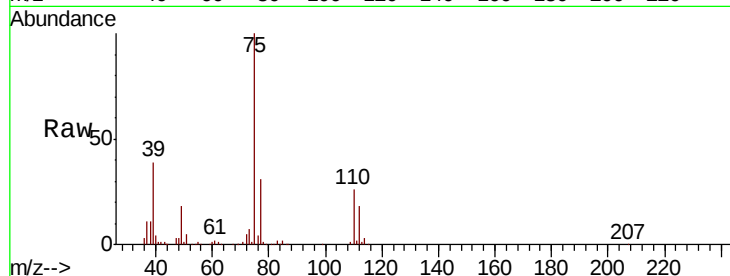
VSTDCCC050

Tot Ion: 75 Resp: 246722

Ion Ratio Lower Upper

75 100

77 31.3 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

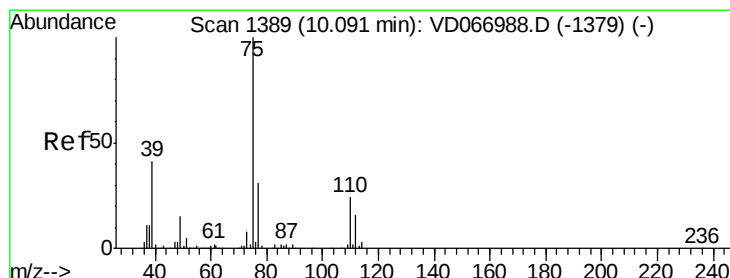
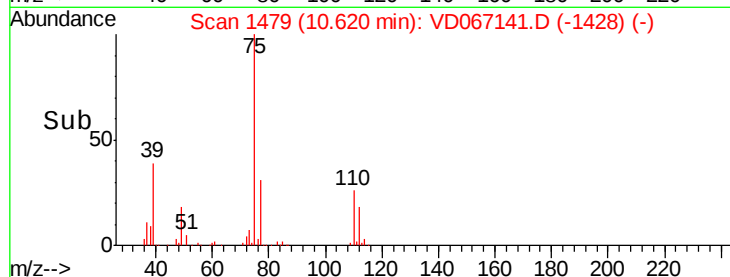
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.234 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

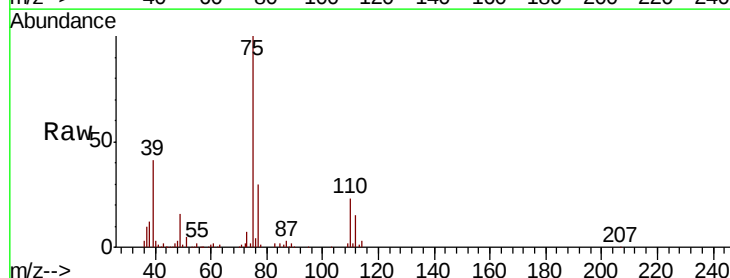
Tgt Ion: 75 Resp: 289926

Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0

39 41.2 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

200000

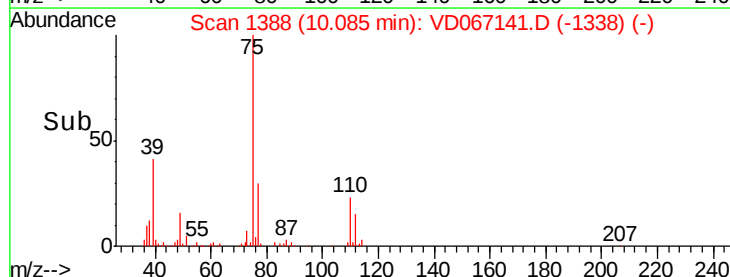
150000

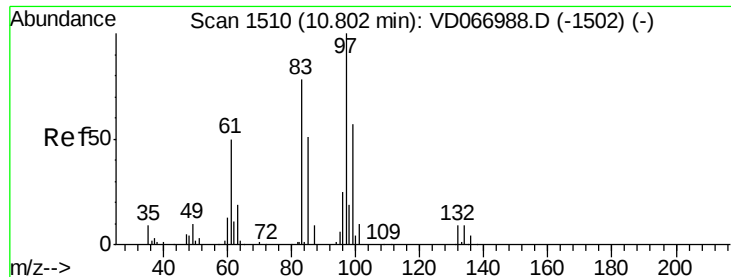
100000

50000

0

Time--> 10.00 10.10 10.20





#55

1,1,2-Trichloroethane

Concen: 50.133 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 141801

Ion	Ratio	Lower	Upper
97	100		
83	80.3	62.4	93.6
85	53.5	41.0	61.4
99	66.3	45.9	68.9

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

120000

100000

80000

60000

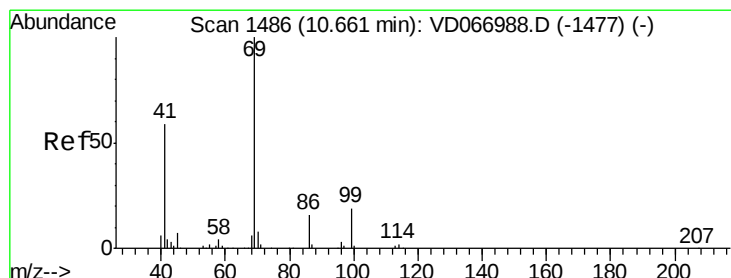
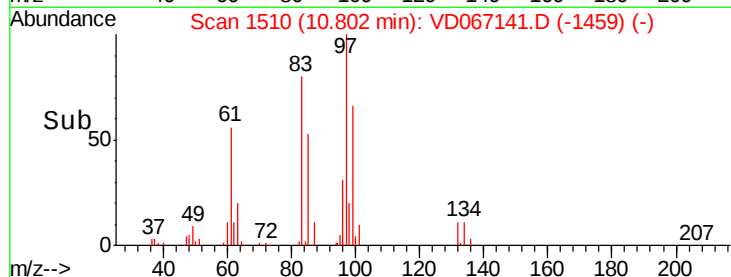
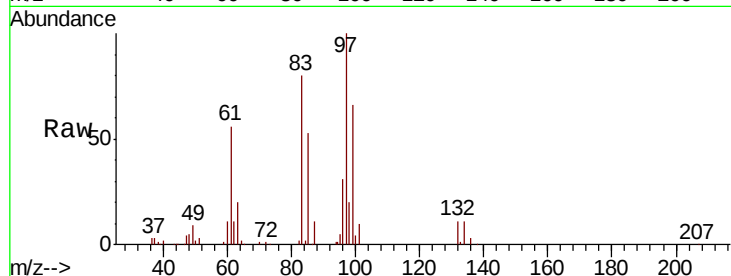
40000

20000

0

10.80

Time--> 10.70 10.75 10.80 10.85



#56

Ethyl methacrylate

Concen: 53.927 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Tgt Ion: 69 Resp: 157482

Ion	Ratio	Lower	Upper
69	100		
41	56.7	46.4	69.6
39	32.3	23.8	35.6

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

120000

100000

80000

60000

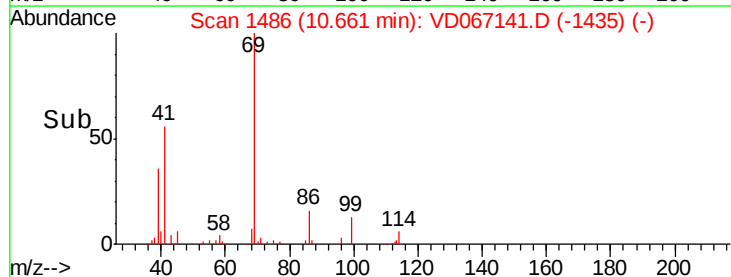
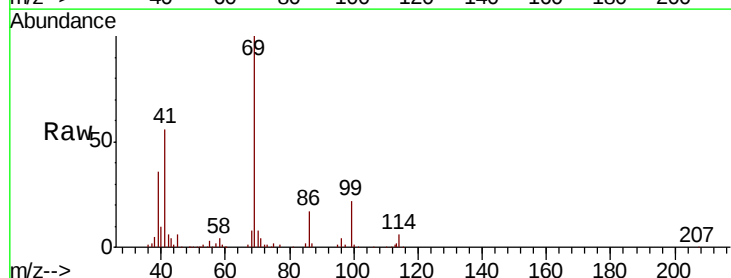
40000

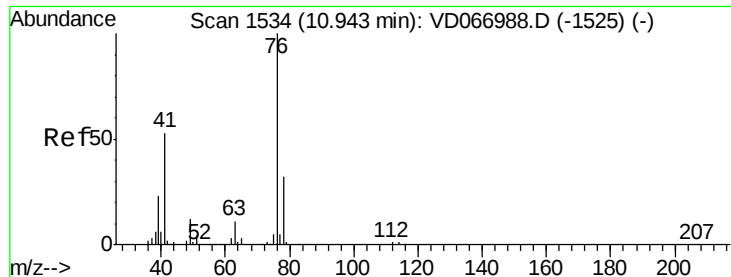
20000

0

10.66

Time--> 10.60 10.65 10.70

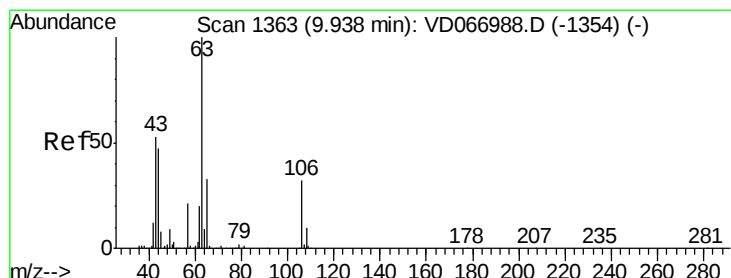
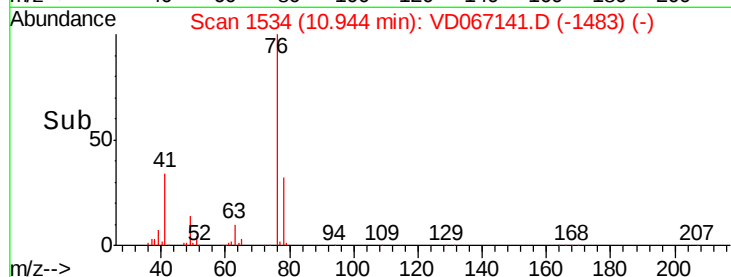
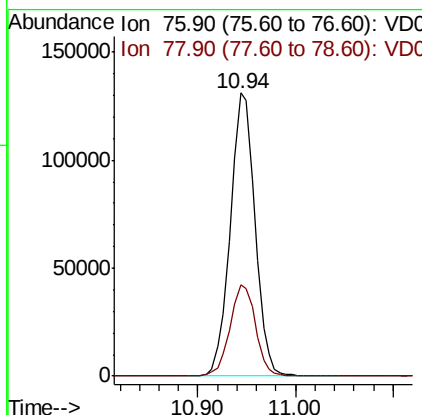
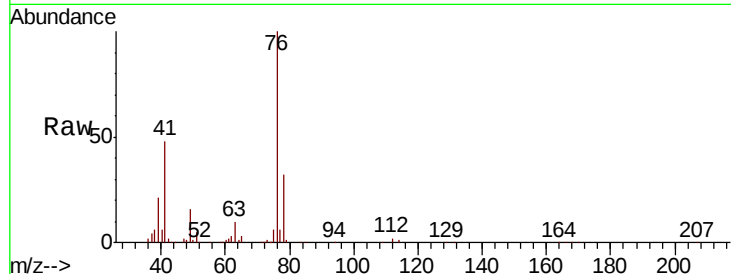




#57
 1,3-Dichloropropane
 Concen: 50.351 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

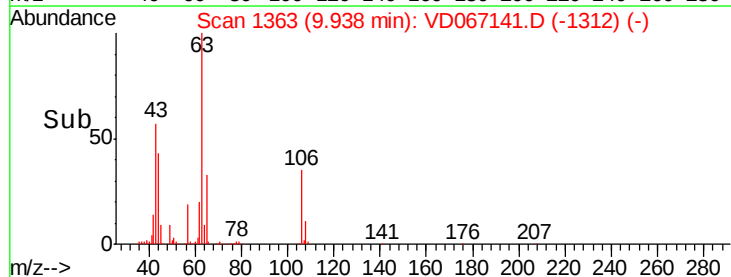
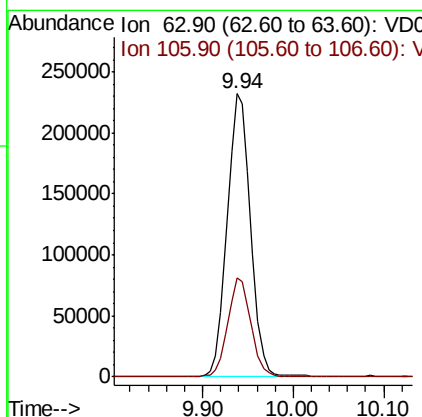
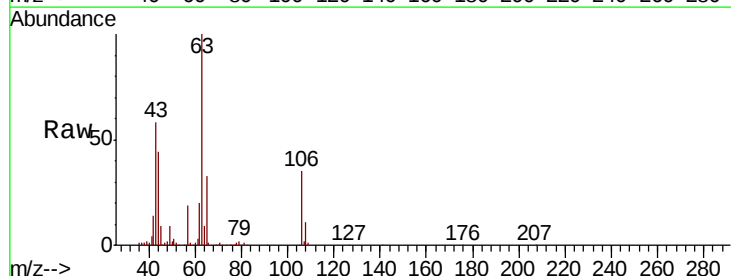
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

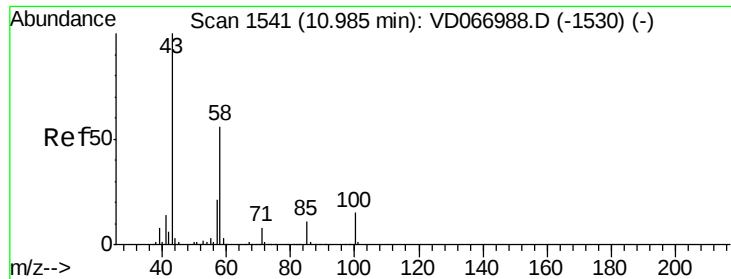
Tot Ion: 76 Resp: 230946
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.883 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion: 63 Resp: 415904
 Ion Ratio Lower Upper
 63 100
 106 34.3 25.3 37.9

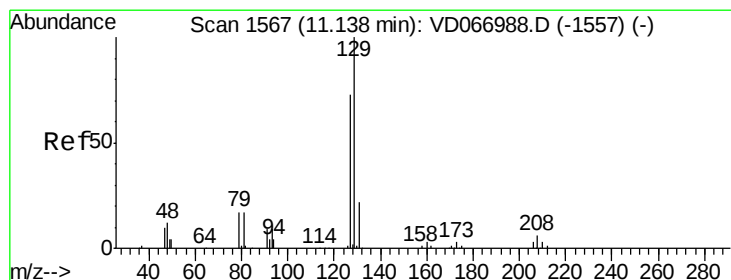
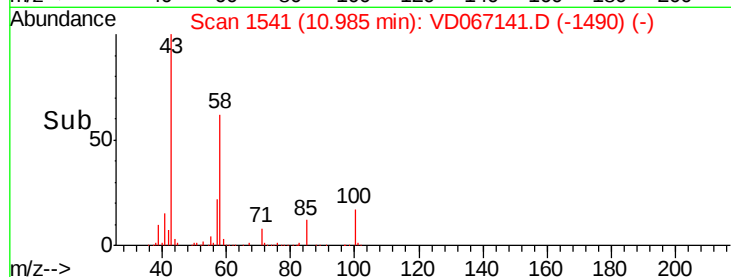
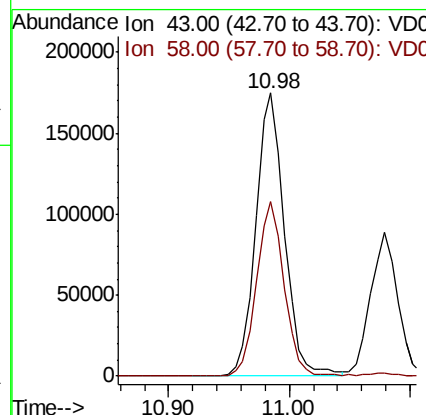
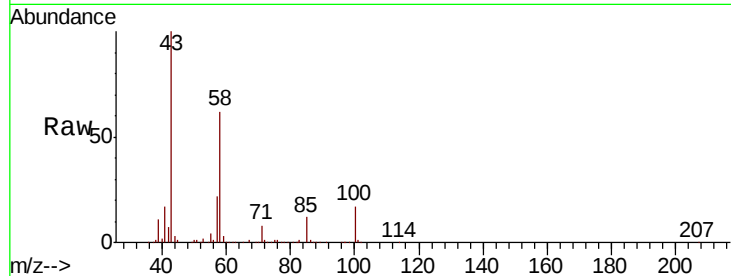




#59
2-Hexanone
Concen: 251.238 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

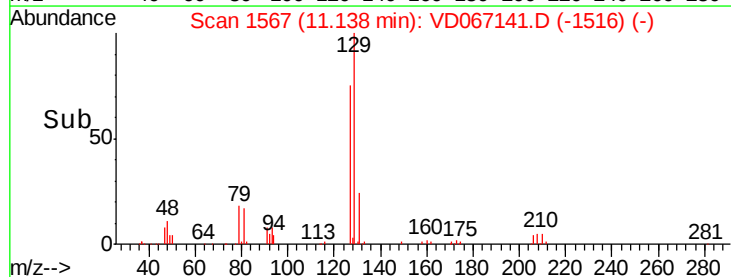
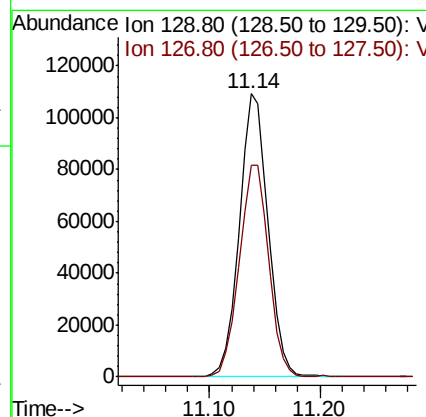
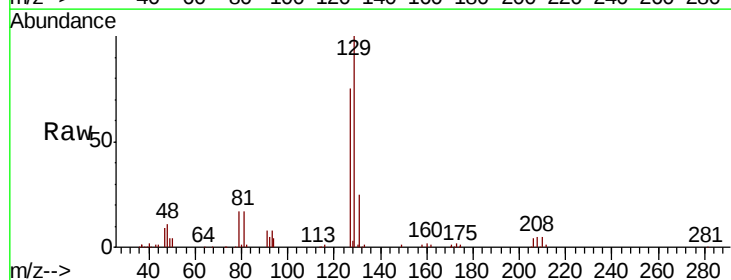
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

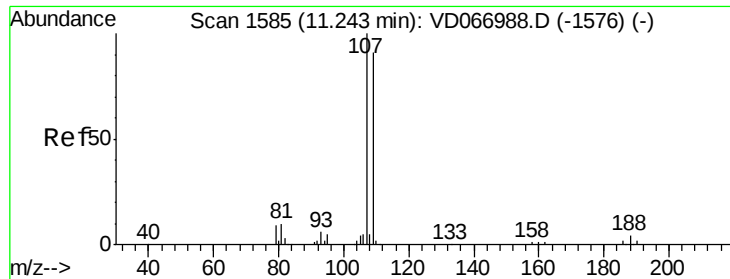
Tot Ion: 43 Resp: 289117
Ion Ratio Lower Upper
43 100
58 59.5 28.3 84.9



#60
Dibromochloromethane
Concen: 52.800 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 129 Resp: 199051
Ion Ratio Lower Upper
129 100
127 76.9 37.4 112.1

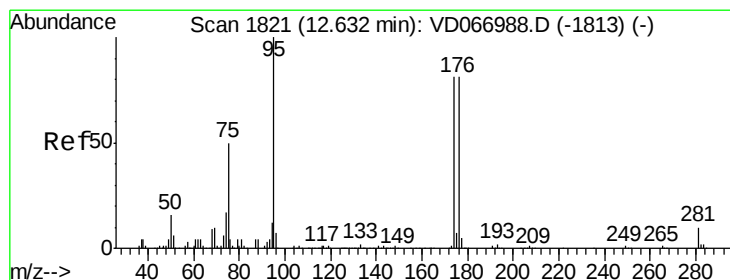
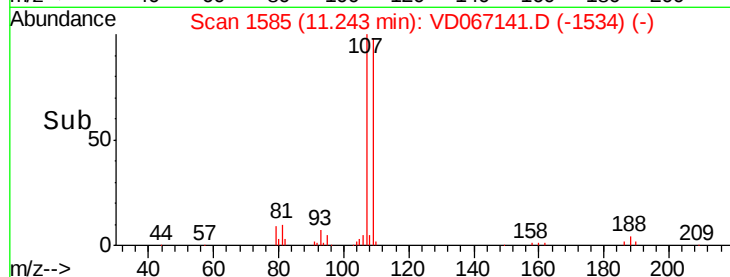
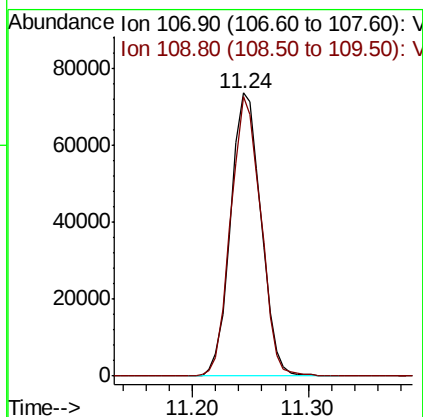
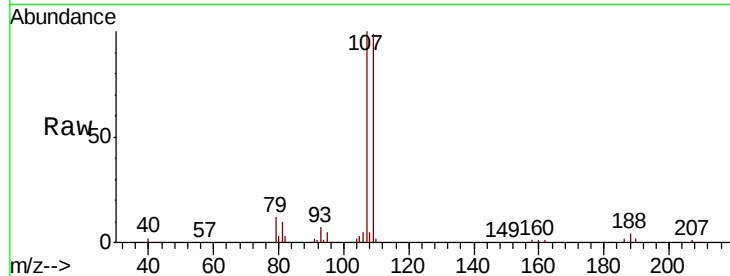




#61
 1,2-Dibromoethane
 Concen: 49.728 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

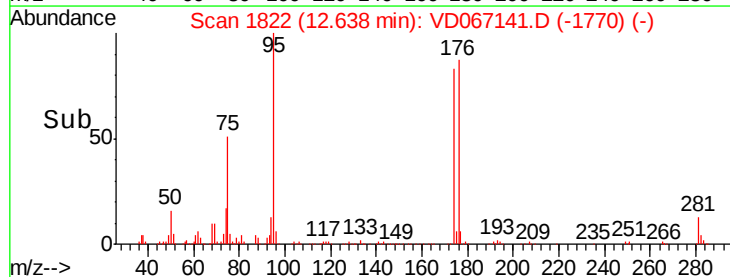
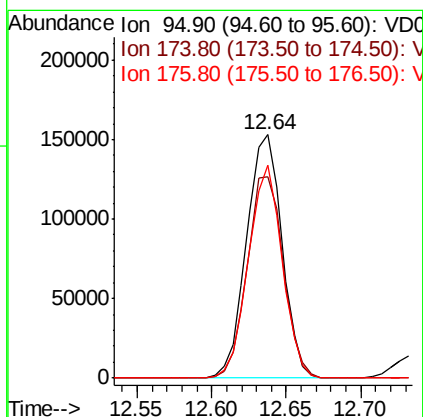
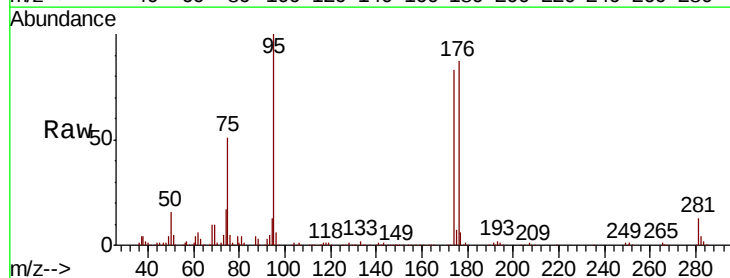
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

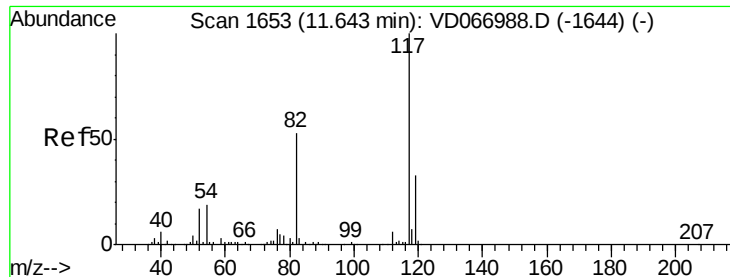
Tot Ion:107 Resp: 135132
 Ion Ratio Lower Upper
 107 100
 109 97.4 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.195 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion: 95 Resp: 250675
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 167.6
 176 83.4 0.0 162.4

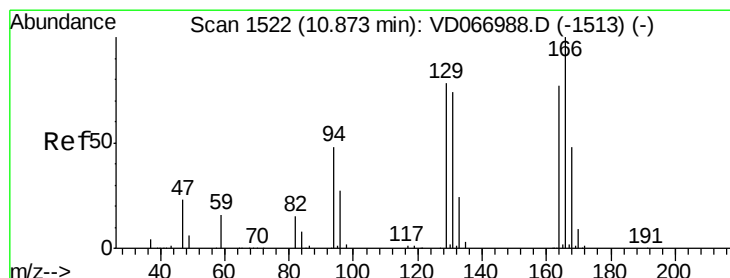
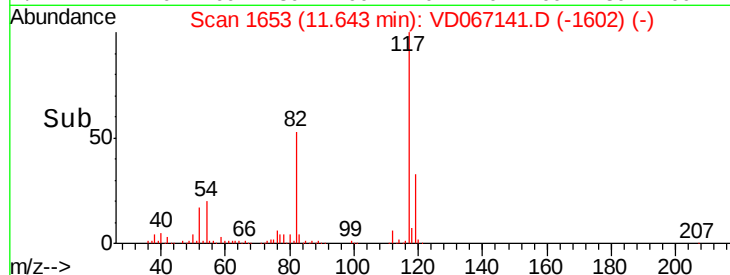
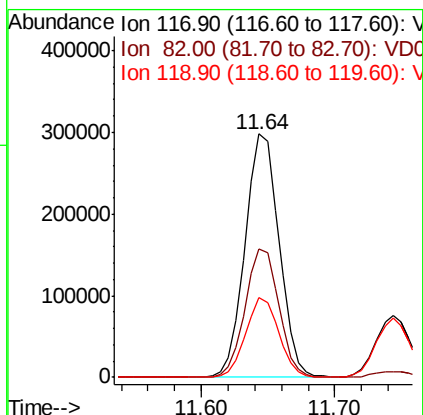
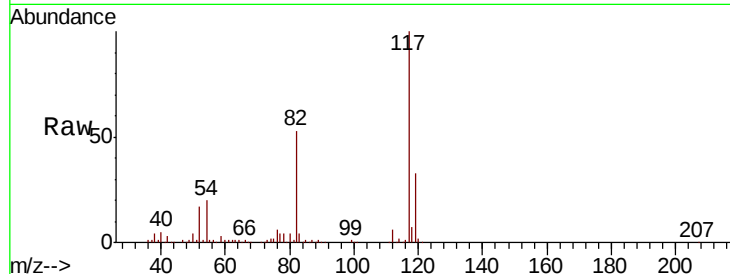




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

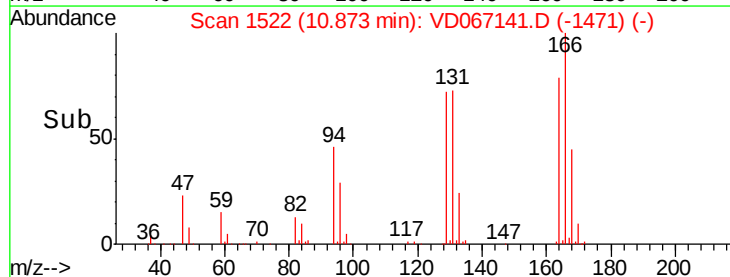
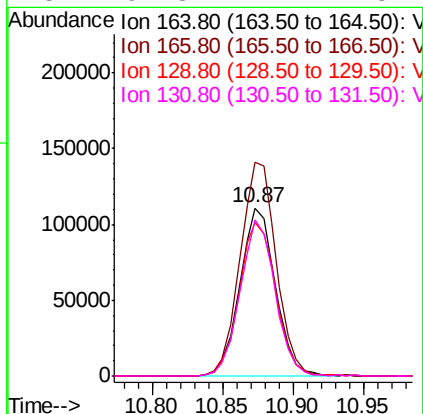
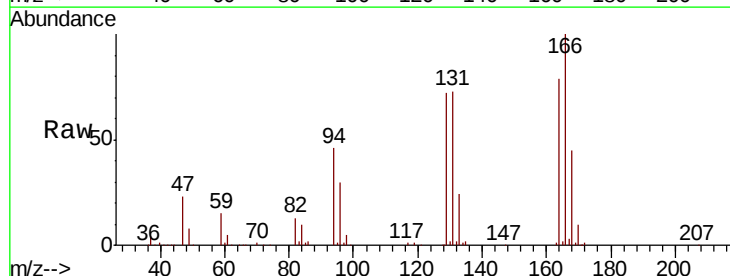
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

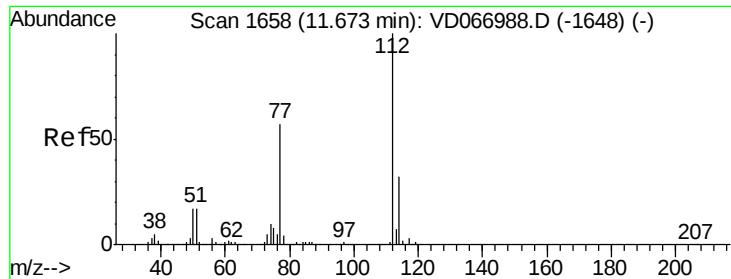
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.6	26.3	39.5



#64
Tetrachloroethene
Concen: 51.197 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.4	156.6
129	91.8	81.3	121.9
131	92.8	77.1	115.7

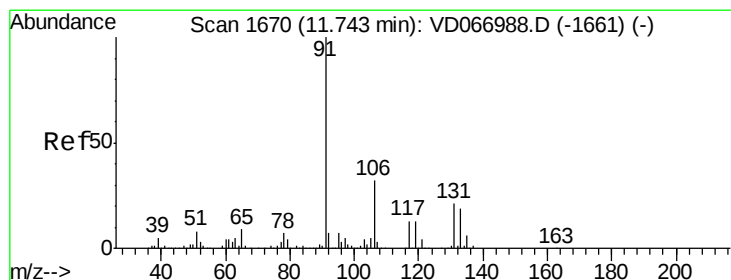
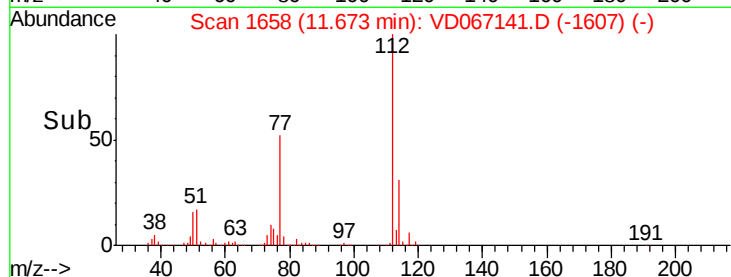
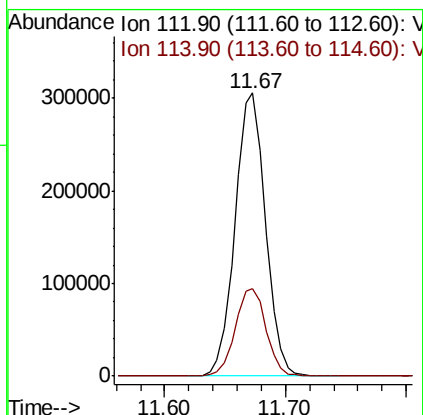
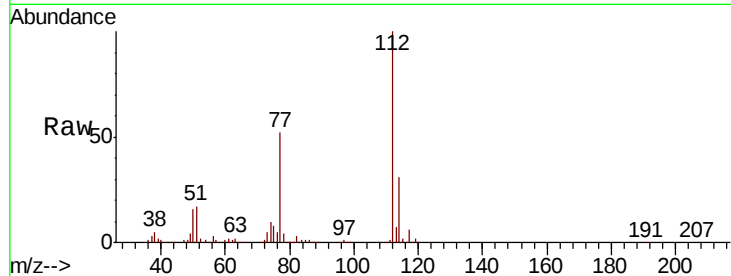




#65
Chlorobenzene
Concen: 51.475 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

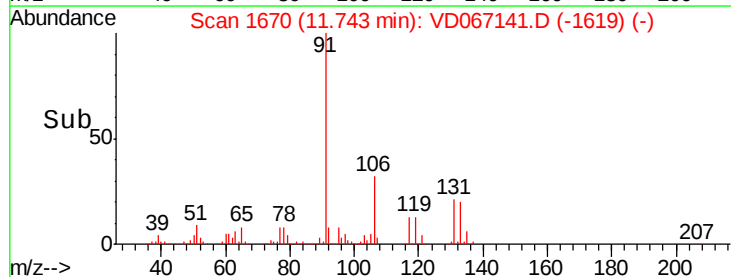
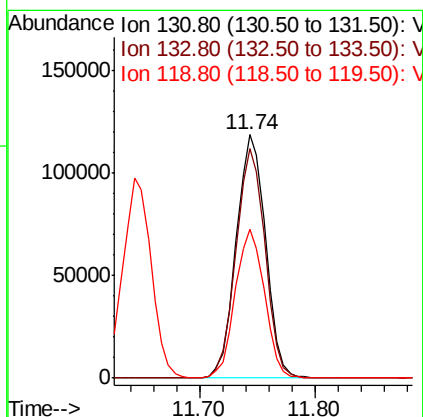
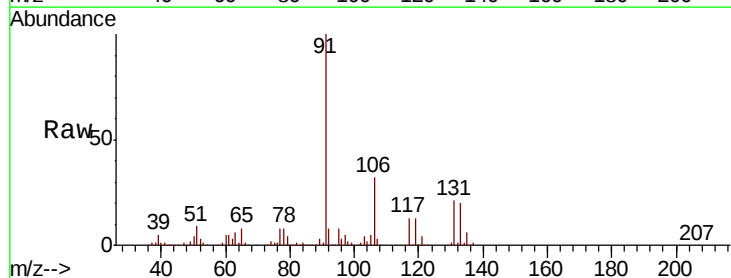
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

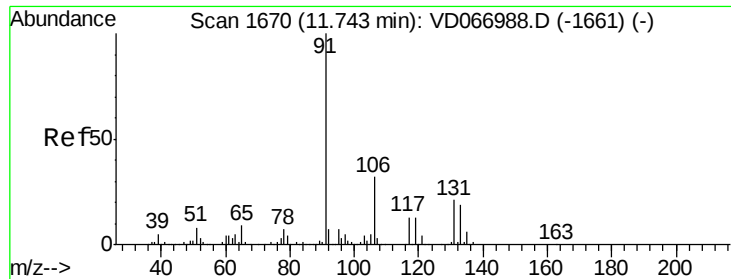
Tot Ion:112 Resp: 536967
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.751 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion:131 Resp: 209318
Ion Ratio Lower Upper
131 100
133 93.3 47.8 143.3
119 61.1 32.3 96.8





#67

Ethyl Benzene

Concen: 53.020 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

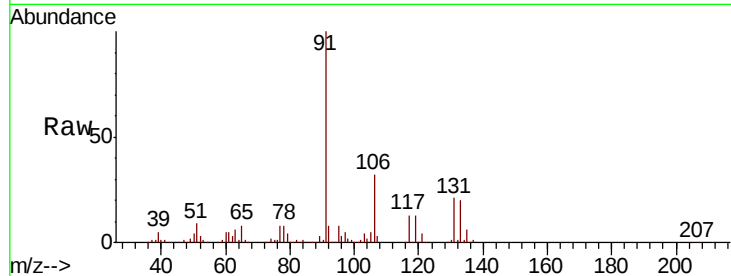
VSTDCCC050

Tot Ion: 91 Resp: 947662

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC

11.74

600000

500000

400000

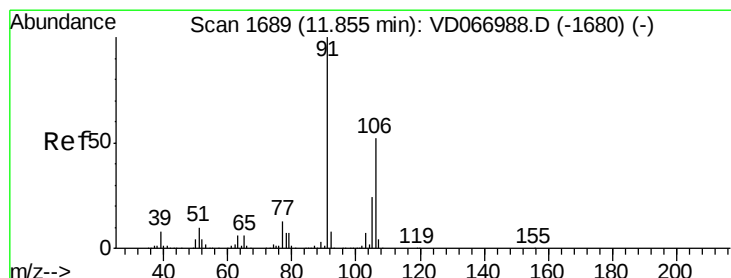
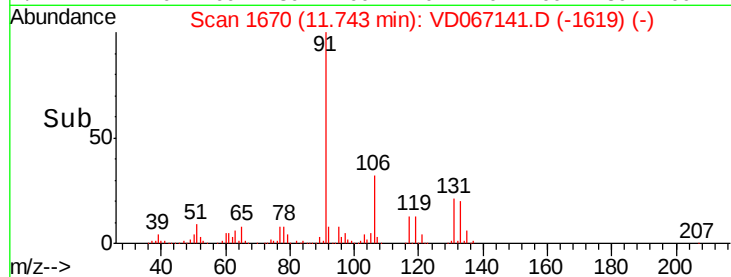
300000

200000

100000

0

Time--> 11.65 11.70 11.75 11.80



#68

m/p-Xylenes

Concen: 104.468 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067141.D

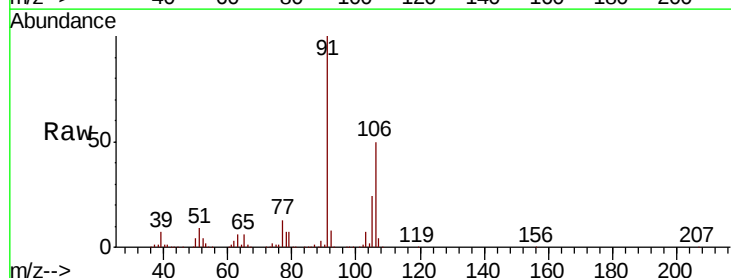
Acq: 07 Oct 2020 09:57

Tgt Ion: 106 Resp: 727682

Ion Ratio Lower Upper

106 100

91 200.7 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

11.86

800000

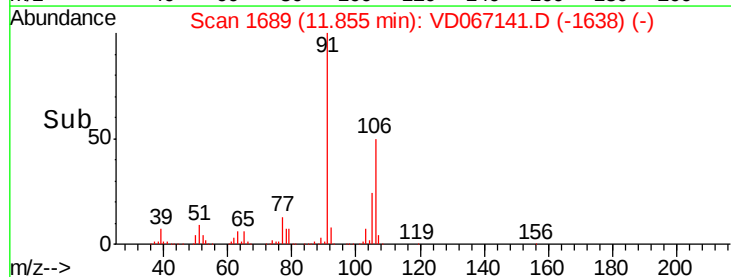
600000

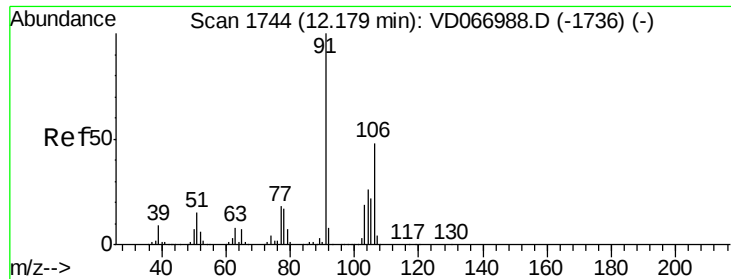
400000

200000

0

Time--> 11.80 11.90

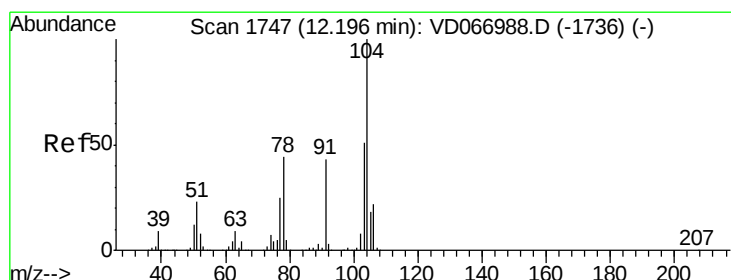
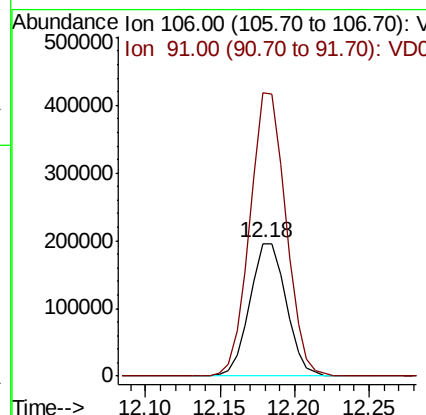
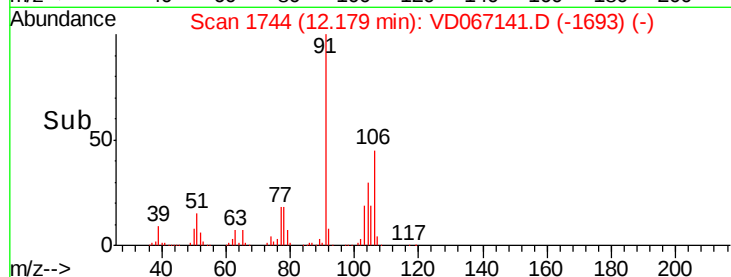
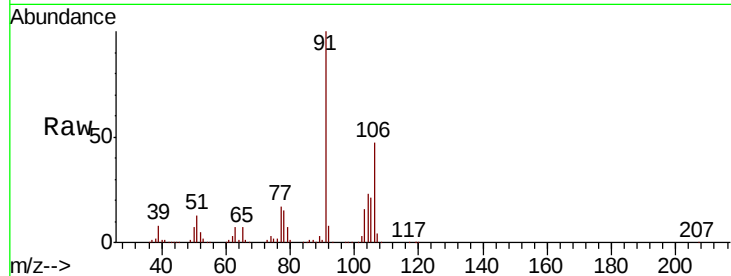




#69
o-Xylene
Concen: 53.248 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

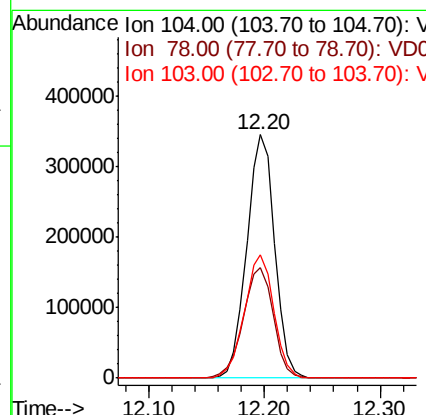
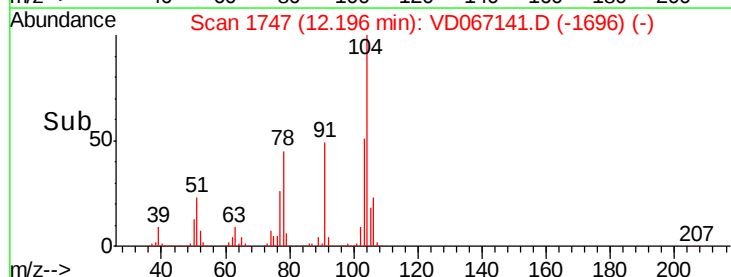
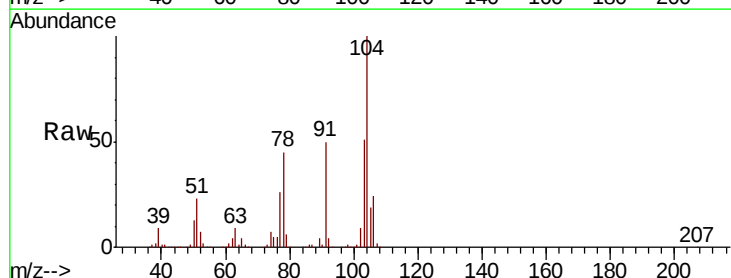
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

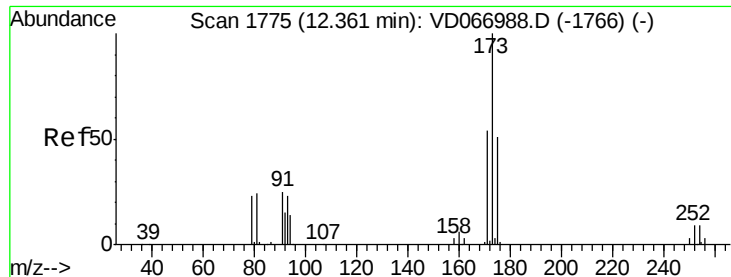
Tot Ion:106 Resp: 331679
Ion Ratio Lower Upper
106 100
91 210.3 102.4 307.2



#70
Styrene
Concen: 54.104 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion:104 Resp: 578698
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 53.5 43.4 65.0





#71

Bromoform

Concen: 54.484 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

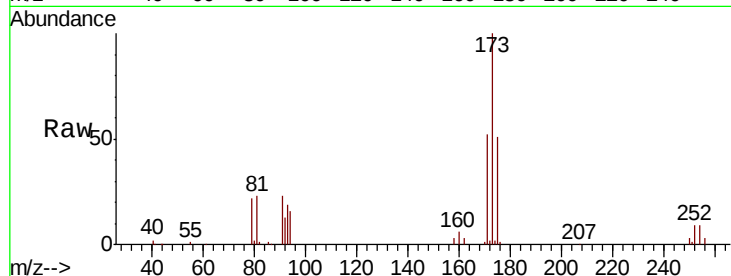
Tot Ion:173 Resp: 112223

Ion Ratio Lower Upper

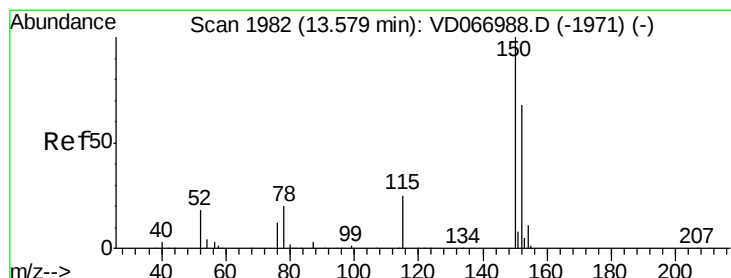
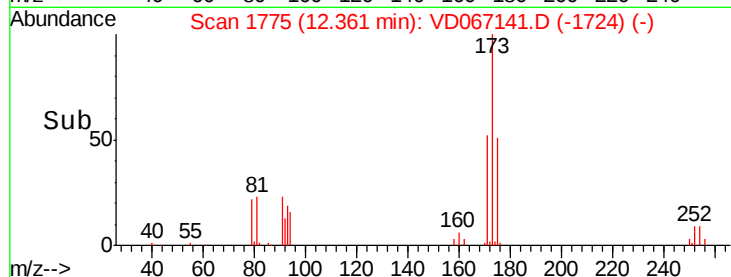
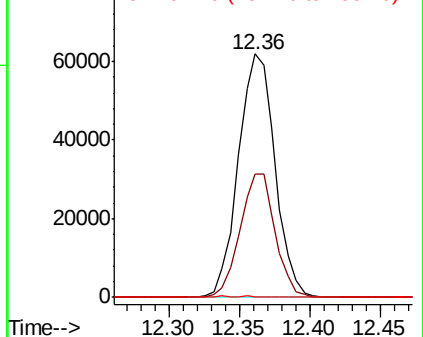
173 100

175 48.8 24.9 74.7

254 0.1 0.2 0.4#



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: VD067141.D

Acq: 07 Oct 2020 09:57

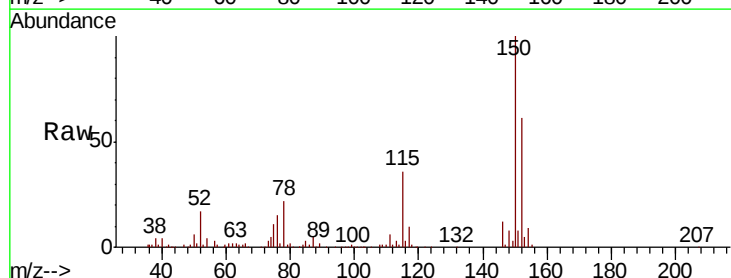
Tgt Ion:152 Resp: 261635

Ion Ratio Lower Upper

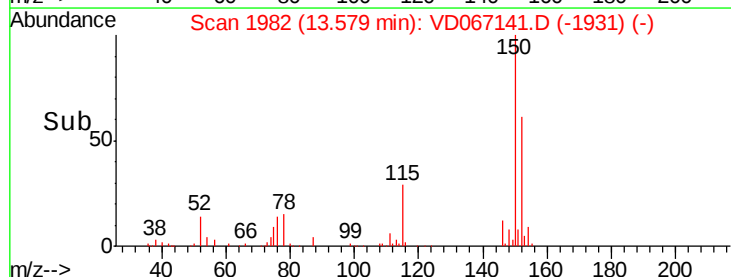
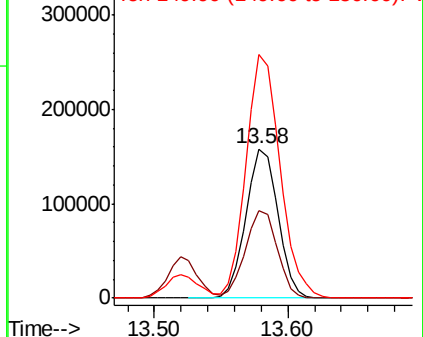
152 100

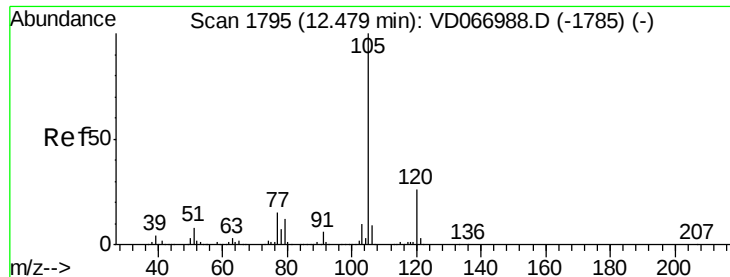
115 58.7 29.6 88.8

150 173.3 0.0 344.8



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: 53.609 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

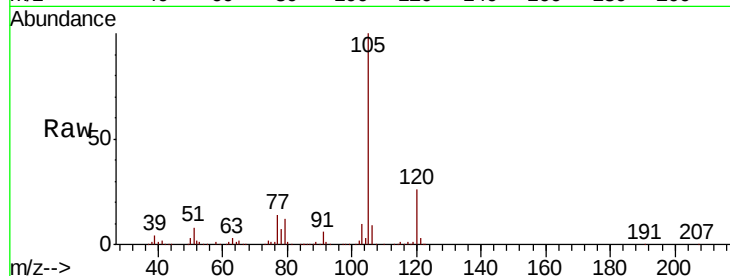
VSTDCCC050

Tot Ion:105 Resp: 952381

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

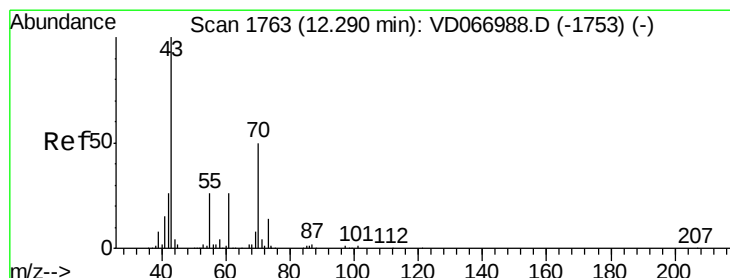
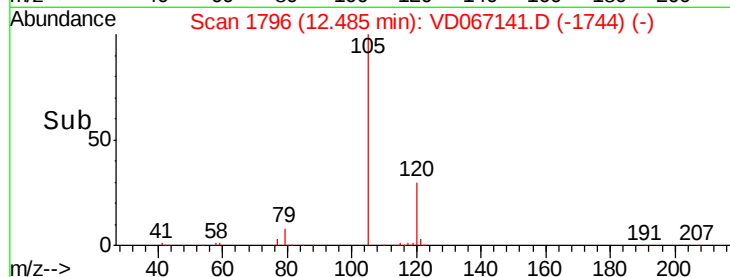
600000

400000

200000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 44.939 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Tgt Ion: 43 Resp: 143518

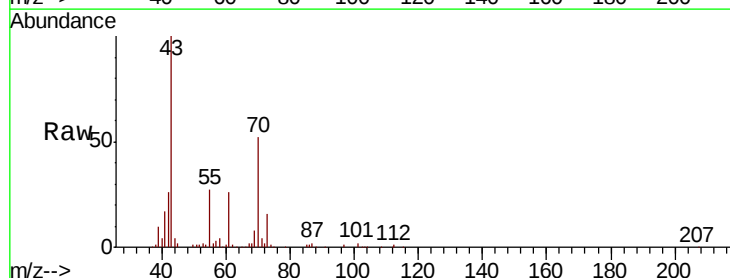
Ion Ratio Lower Upper

43 100

70 52.2 38.2 57.2

55 30.2 22.4 33.6

61 26.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

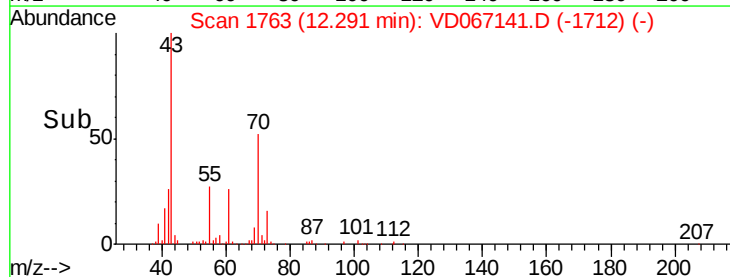
150000

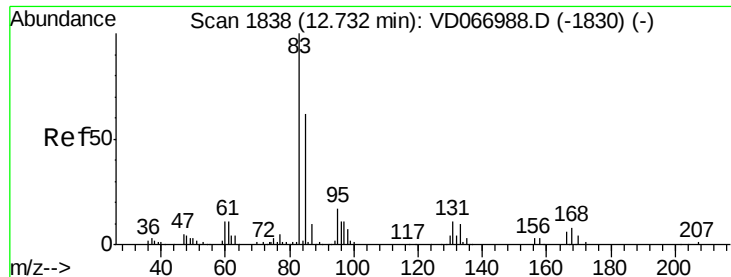
100000

50000

0

Time--> 12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 46.658 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

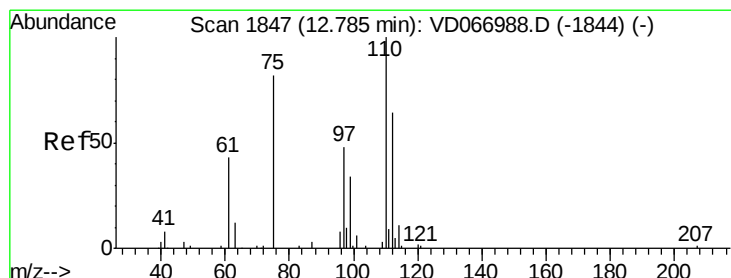
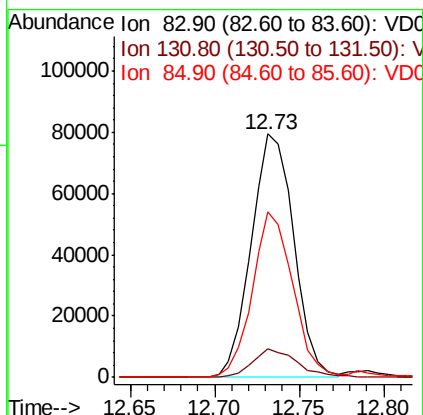
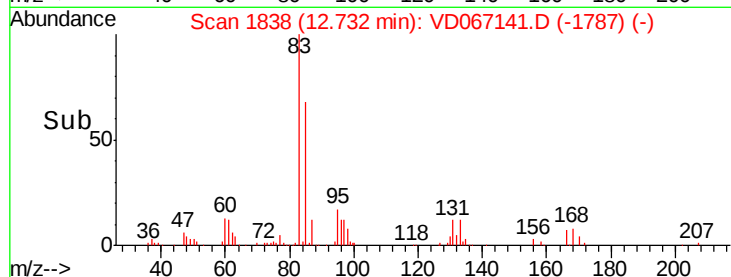
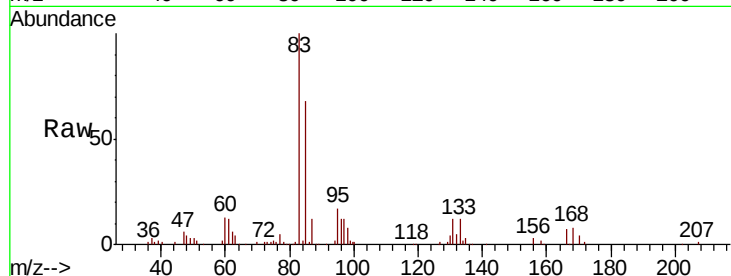
Tot Ion: 83 Resp: 139657

Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.7	17.0
85	64.2	32.0	96.2

83 100

131 12.3 5.7 17.0

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 80.738 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067141.D

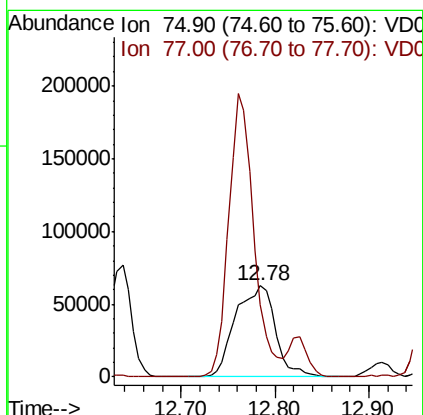
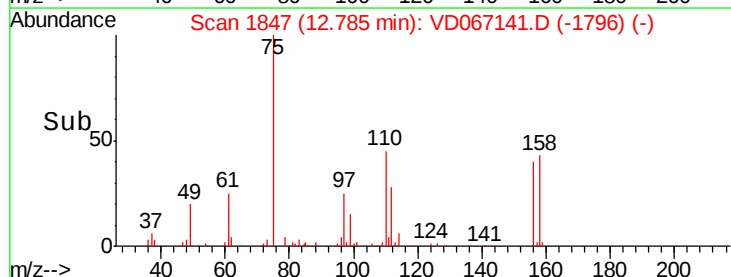
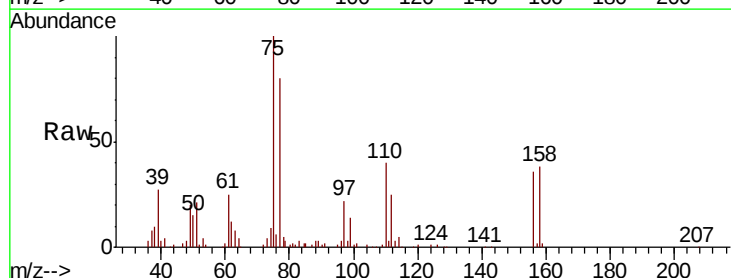
Acq: 07 Oct 2020 09:57

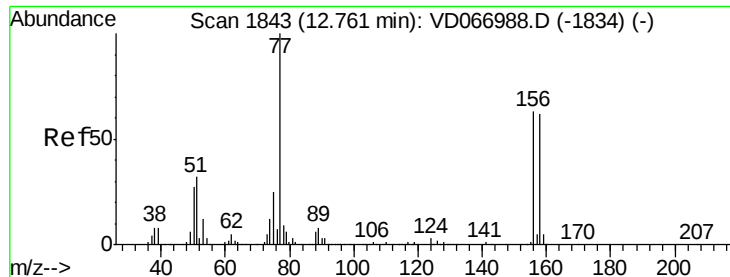
Tgt Ion: 75 Resp: 183997

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.758 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

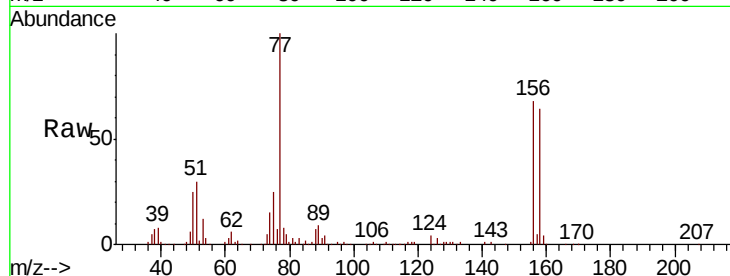
Tot Ion:156 Resp: 222024

Ion Ratio Lower Upper

156 100

77 163.8 86.3 258.8

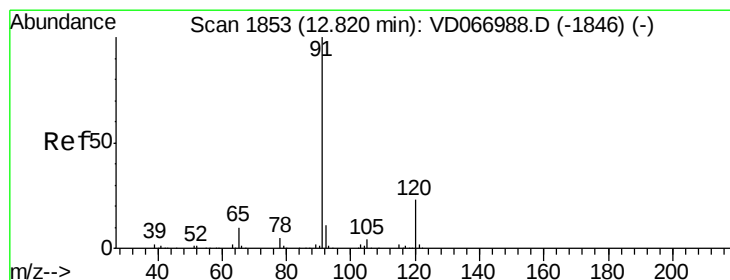
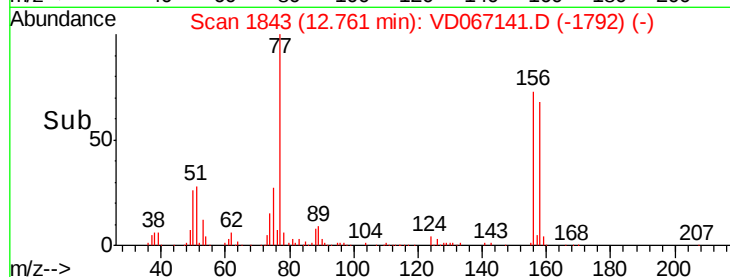
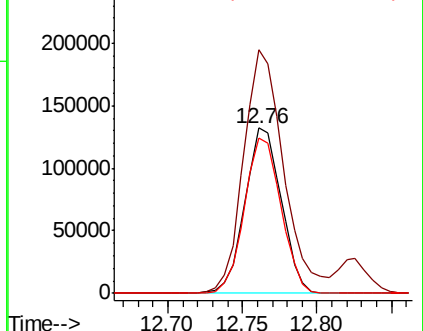
158 94.7 49.5 148.3



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: 51.943 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067141.D

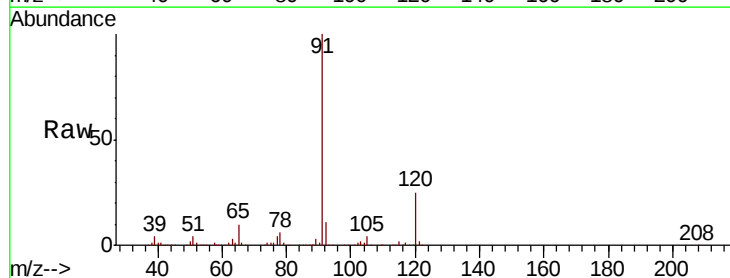
Acq: 07 Oct 2020 09:57

Tgt Ion: 91 Resp: 1090581

Ion Ratio Lower Upper

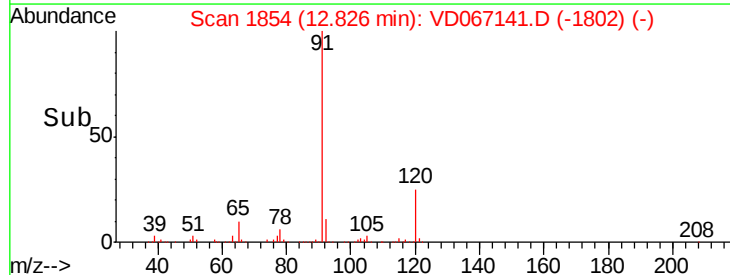
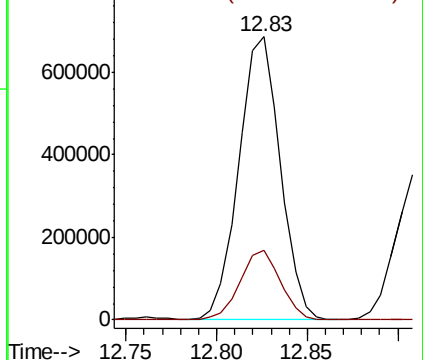
91 100

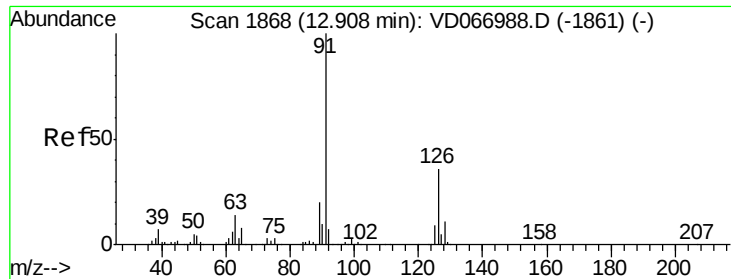
120 24.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

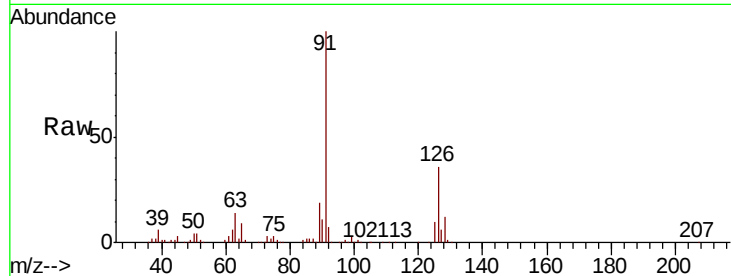




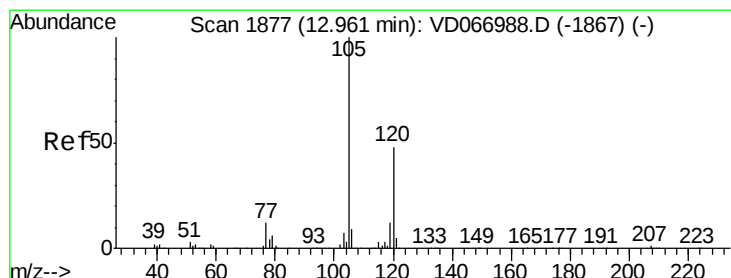
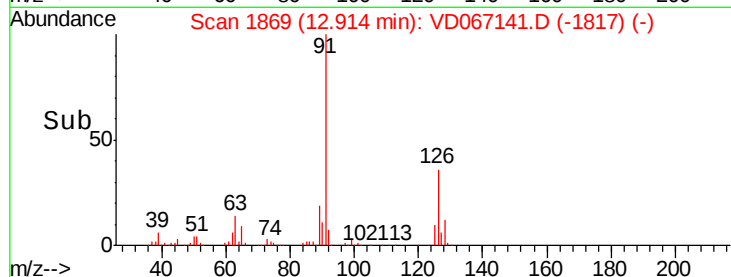
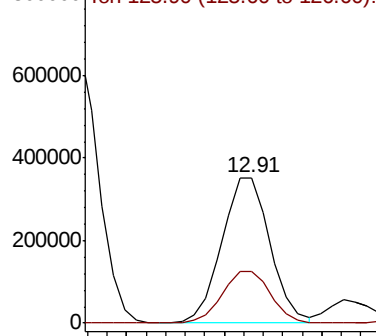
#79
2-Chlorotoluene
Concen: 50.359 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 604937
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6

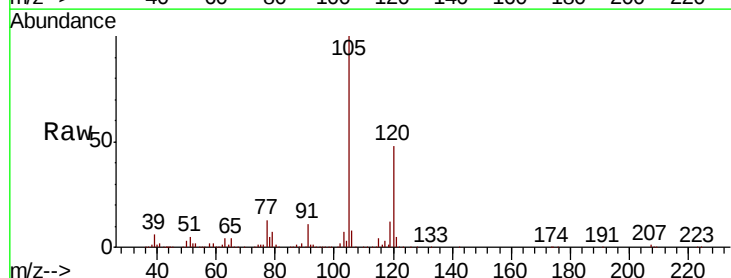


Abundance Ion 91.00 (90.70 to 91.70): VD
Ion 125.90 (125.60 to 126.60): V

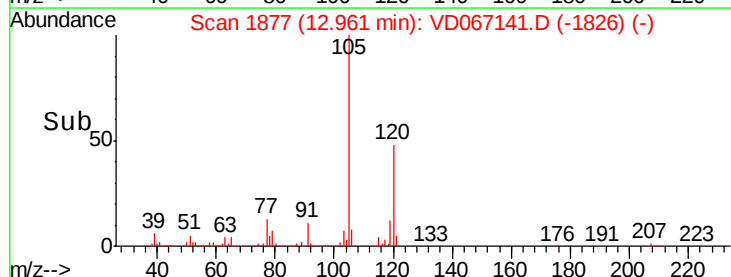
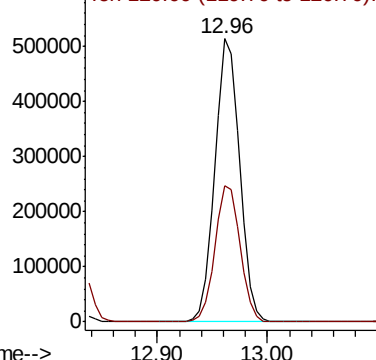


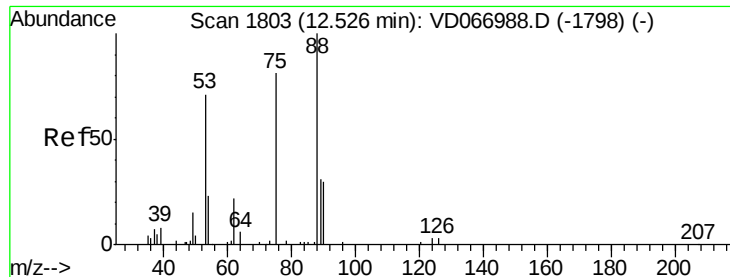
#80
1,3,5-Trimethylbenzene
Concen: 53.980 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion:105 Resp: 810215
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.234 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

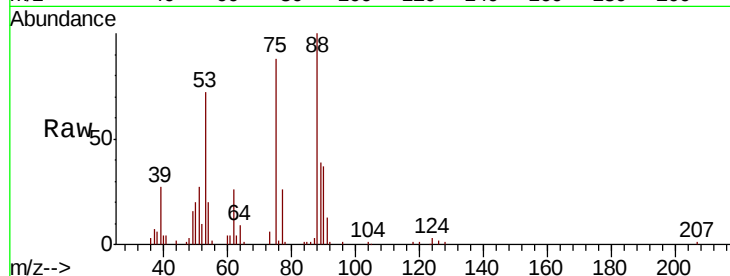
Tot Ion: 75 Resp: 45918

Ion Ratio Lower Upper

75 100

53 86.9 73.8 110.6

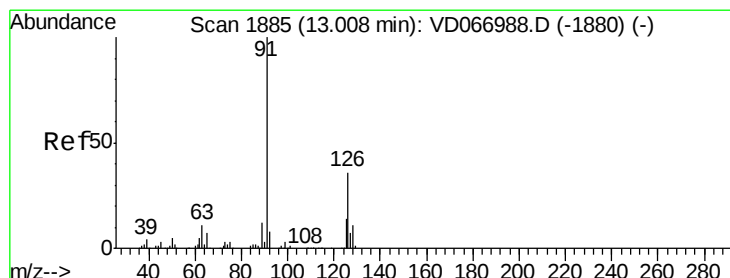
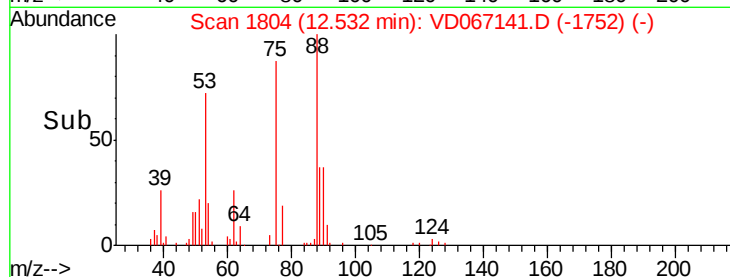
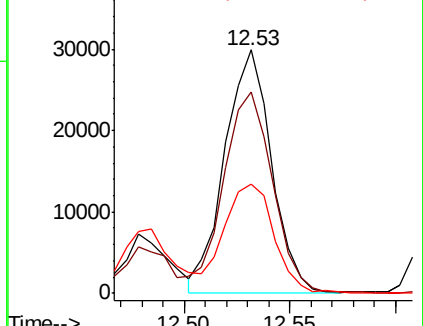
89 47.5 38.9 58.3



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: 50.721 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067141.D

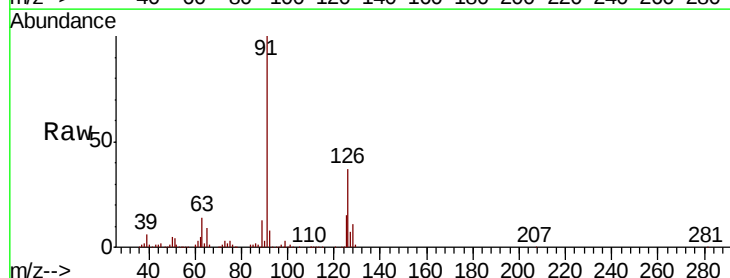
Acq: 07 Oct 2020 09:57

Tgt Ion: 91 Resp: 648252

Ion Ratio Lower Upper

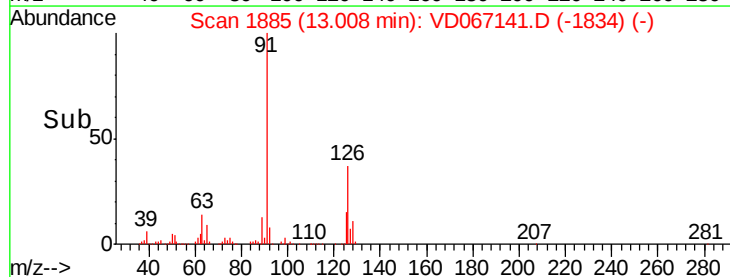
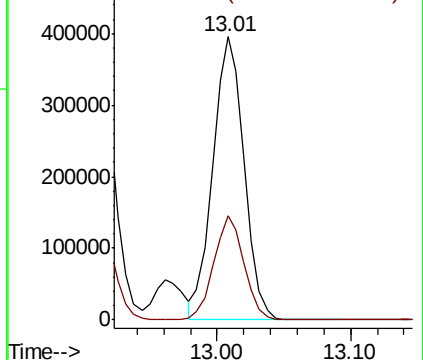
91 100

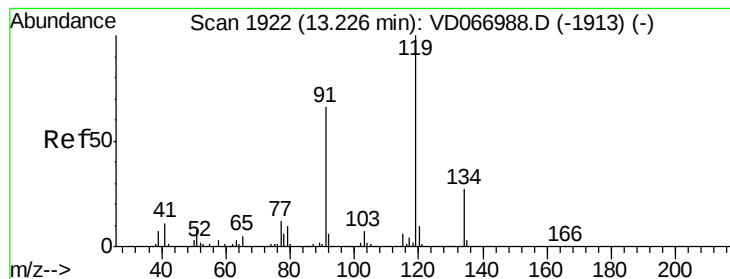
126 35.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 55.386 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

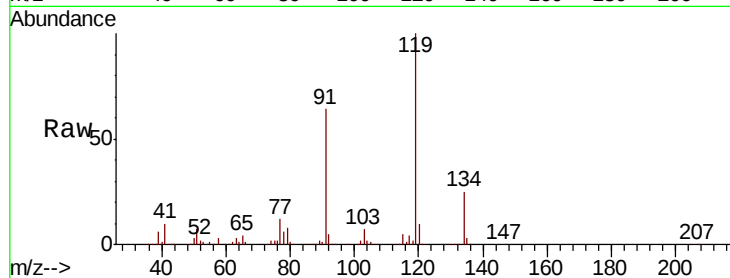
Tot Ion:119 Resp: 700060

Ion Ratio Lower Upper

119 100

91 63.3 32.8 98.3

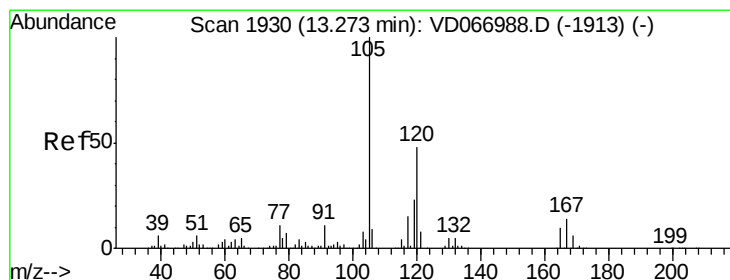
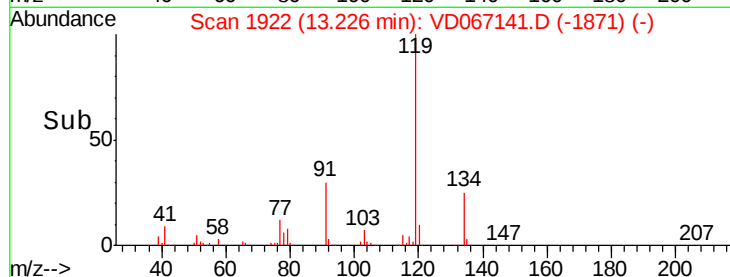
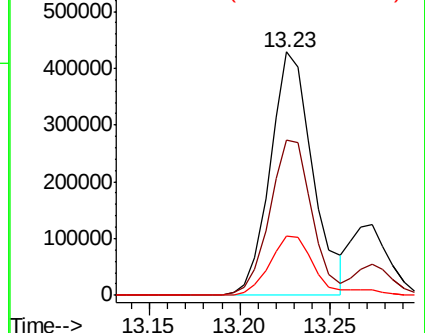
134 26.7 13.9 41.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.051 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067141.D

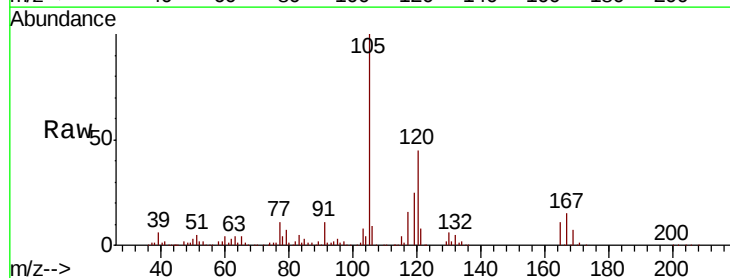
Acq: 07 Oct 2020 09:57

Tgt Ion:105 Resp: 794659

Ion Ratio Lower Upper

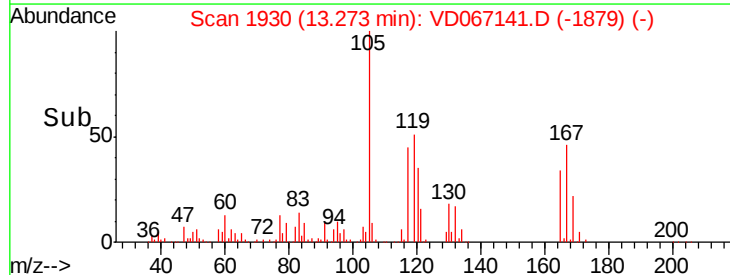
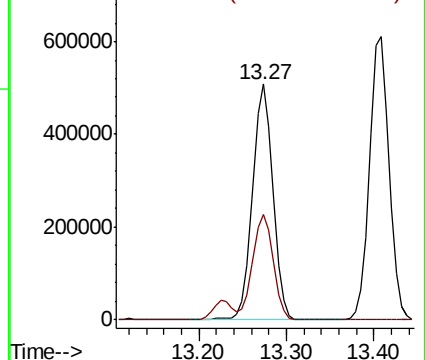
105 100

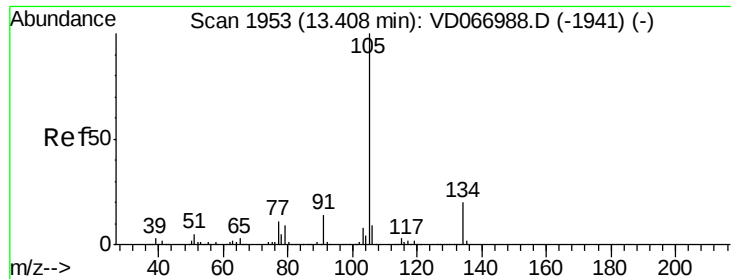
120 45.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.558 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

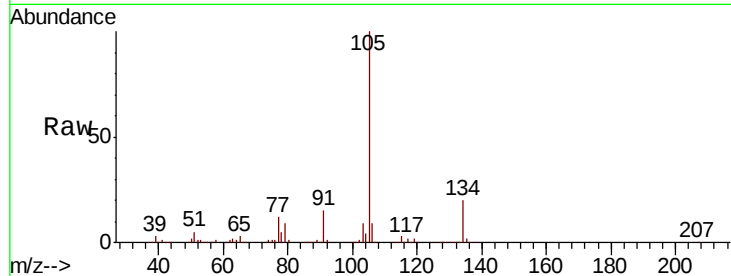
VSTDCCC050

Tot Ion:105 Resp: 953323

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

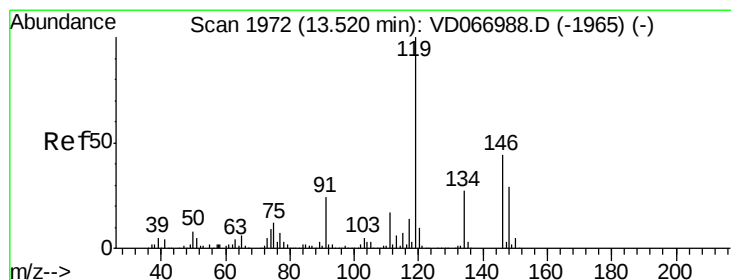
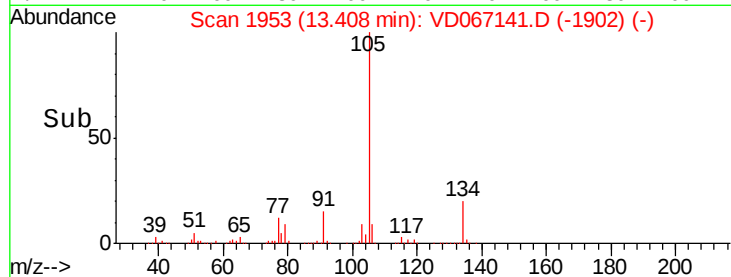
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.796 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

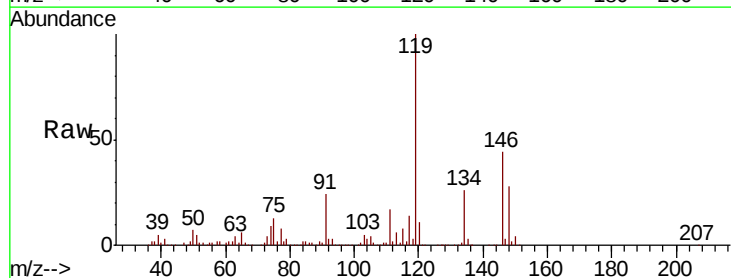
Tgt Ion:119 Resp: 871249

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.7 11.7 35.1



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

13.52

800000

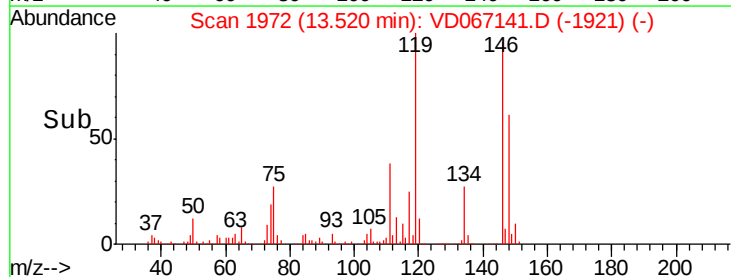
600000

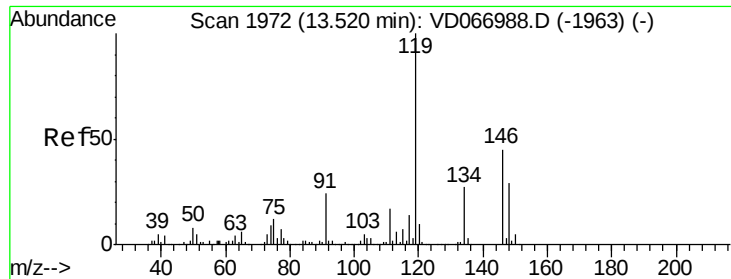
400000

200000

0

Time-->

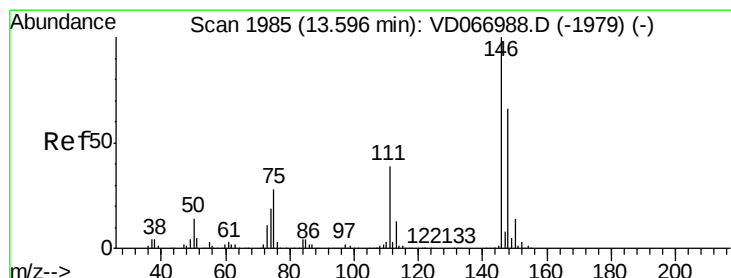
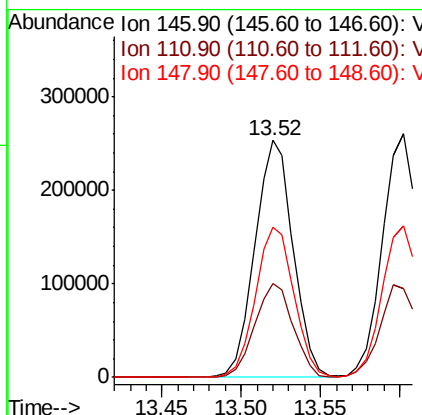
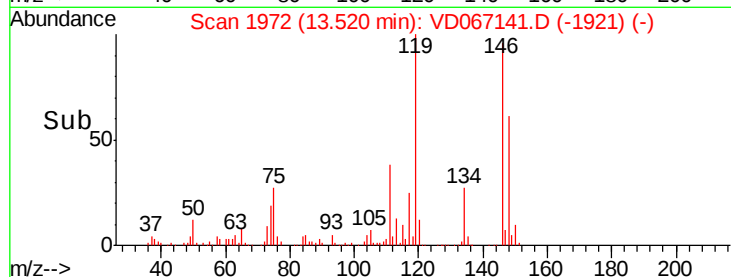
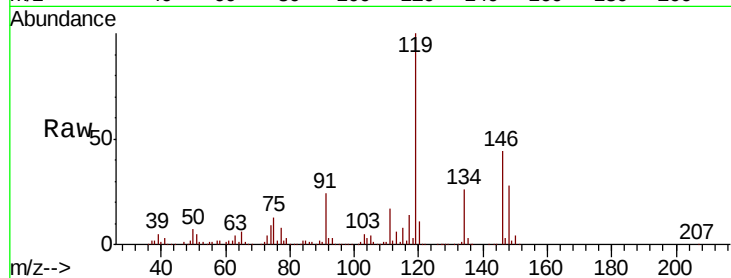




#87
 1,3-Dichlorobenzene
 Concen: 50.709 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

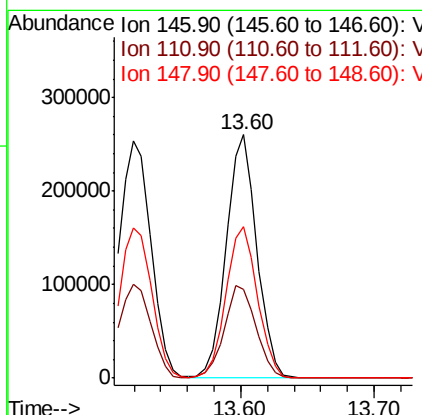
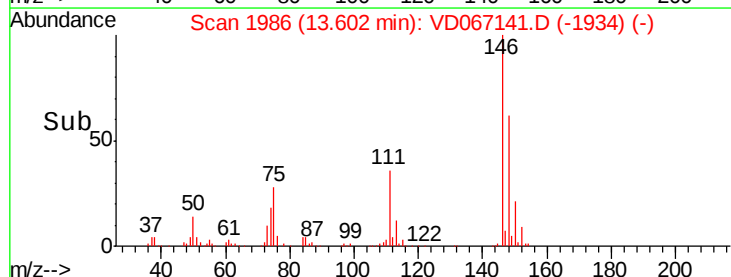
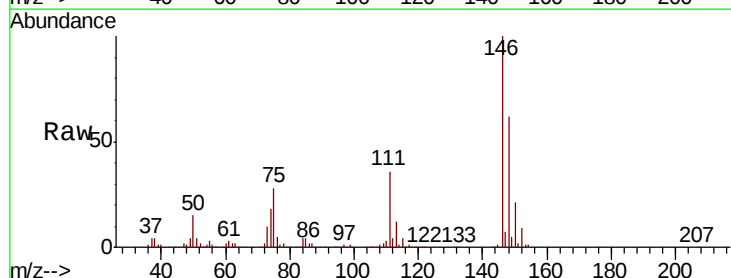
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

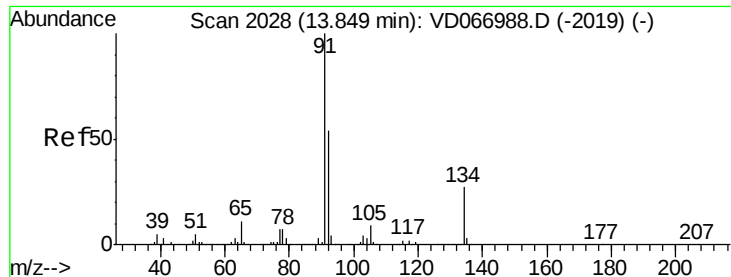
Tot Ion:146 Resp: 423697
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.822 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion:146 Resp: 416243
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 63.9 32.6 97.7

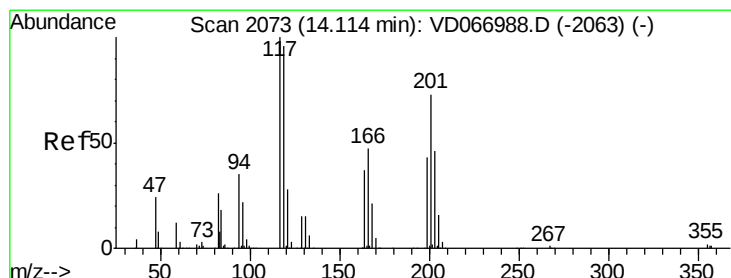
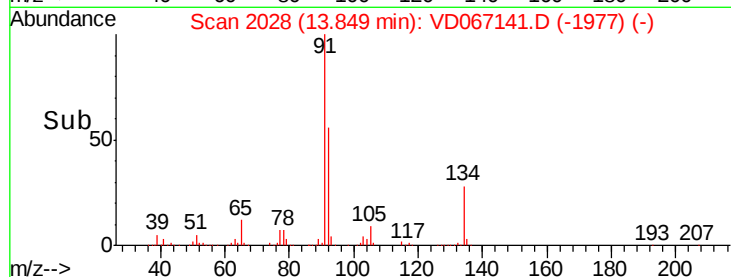
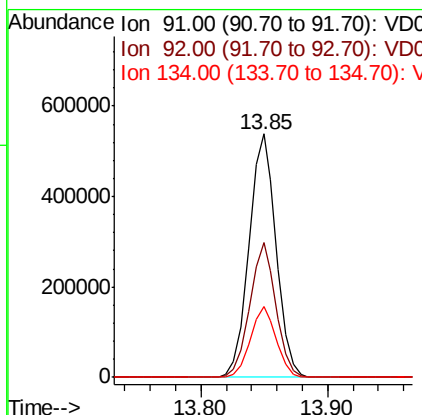
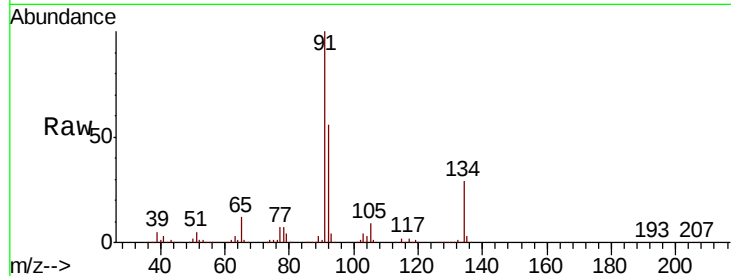




#89
n-Butylbenzene
Concen: 52.936 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

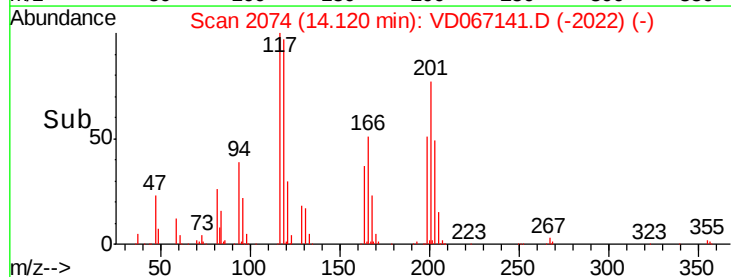
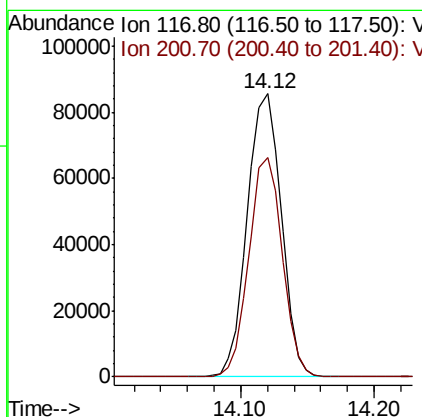
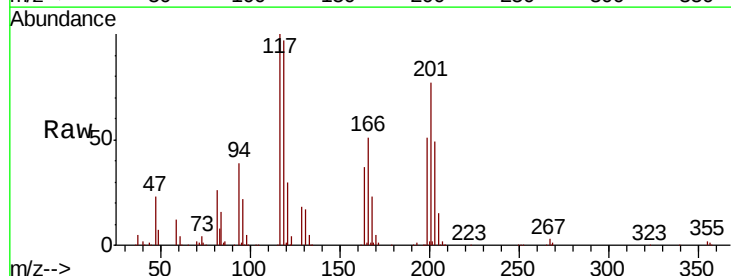
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

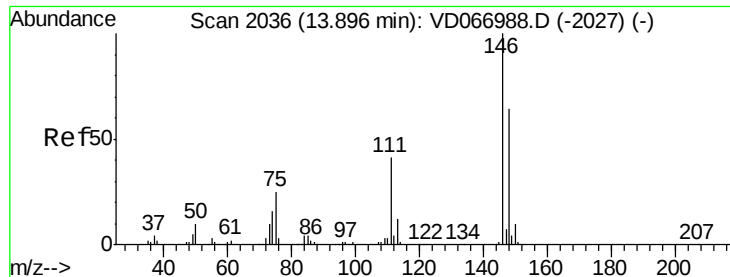
Tot Ion: 91 Resp: 798367
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 27.7 13.6 40.8



#90
Hexachloroethane
Concen: 52.382 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067141.D
Acq: 07 Oct 2020 09:57

Tgt Ion: 117 Resp: 151418
Ion Ratio Lower Upper
117 100
201 75.6 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 50.647 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

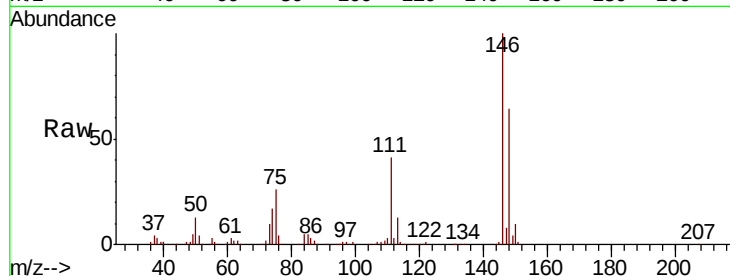
Tot Ion:146 Resp: 369586

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.7

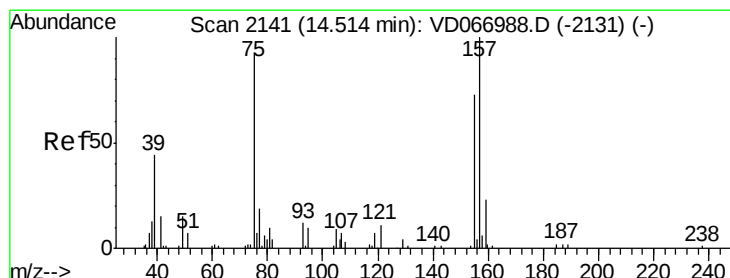
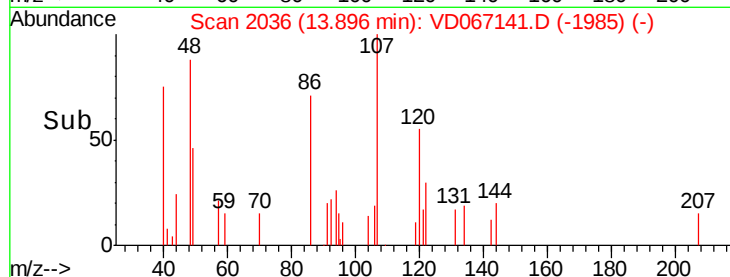
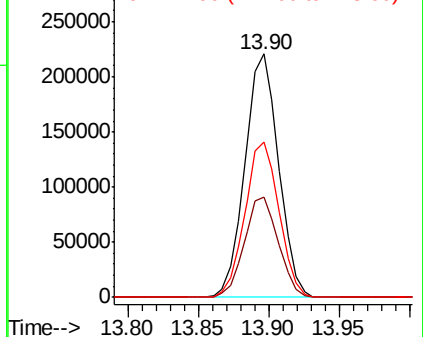
148 64.7 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.431 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

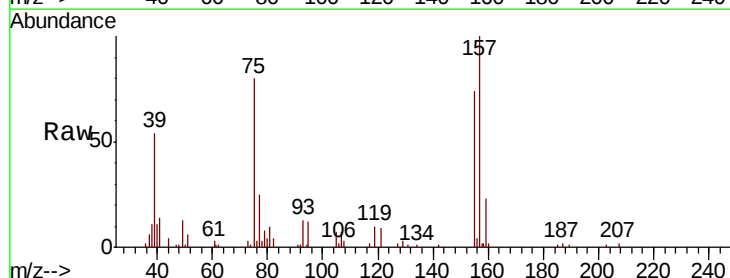
Tgt Ion: 75 Resp: 23368

Ion Ratio Lower Upper

75 100

155 93.9 45.2 135.6

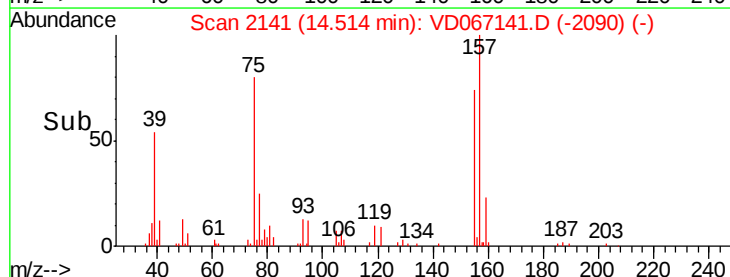
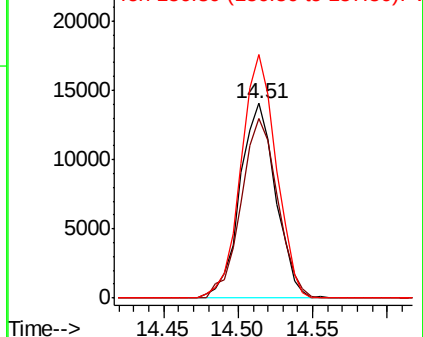
157 122.5 56.3 168.8

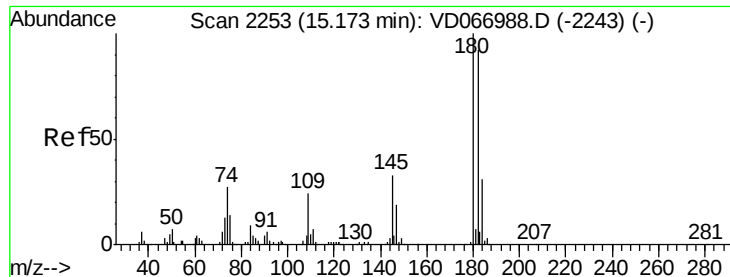


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

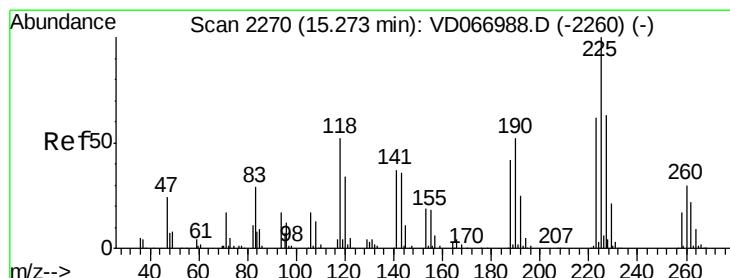
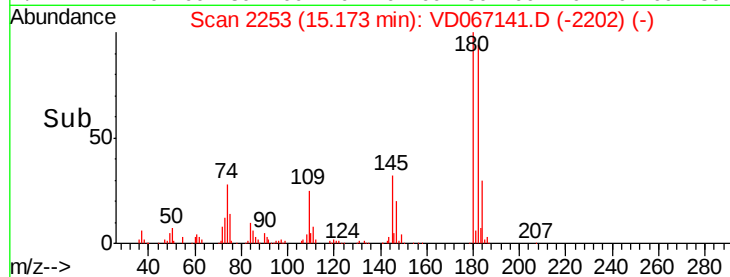
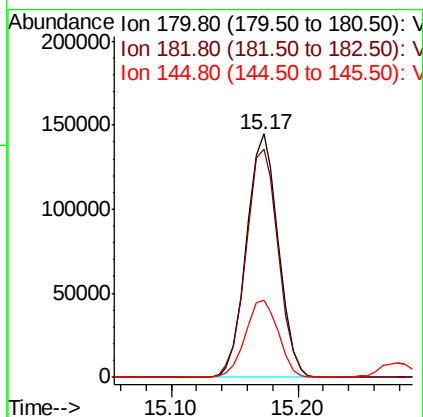
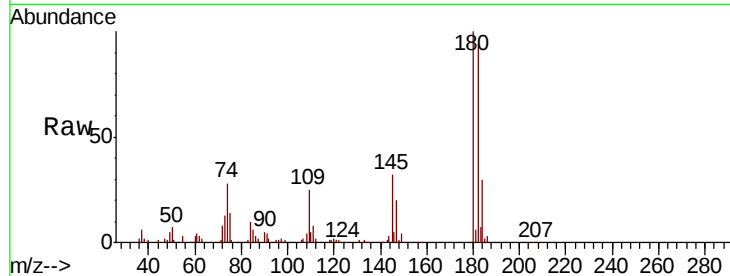




#93
 1,2,4-Trichlorobenzene
 Concen: 53.515 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

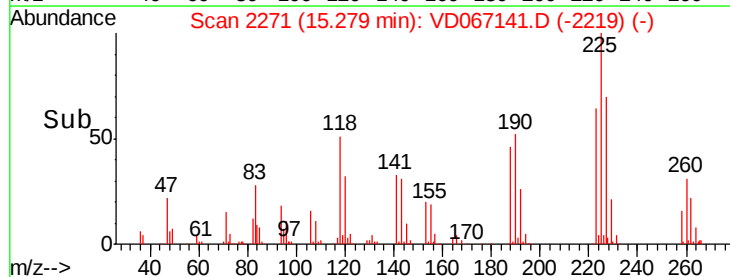
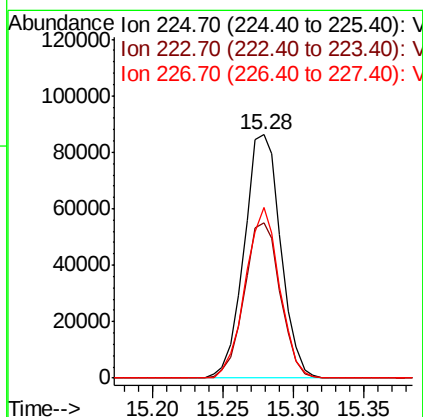
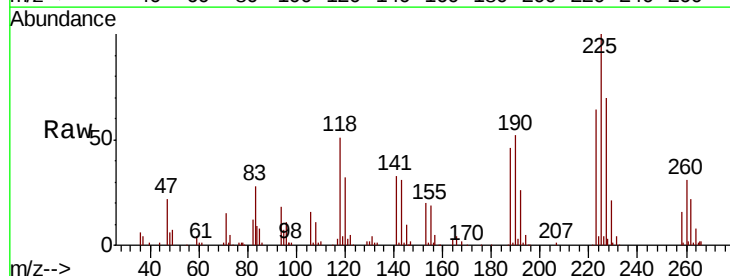
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

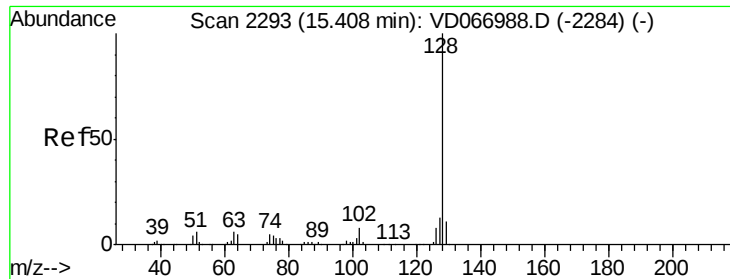
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	32.8	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 53.814 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067141.D
 Acq: 07 Oct 2020 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.4	97.0
227	65.9	31.6	95.0





#95

Naphthalene

Concen: 54.713 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

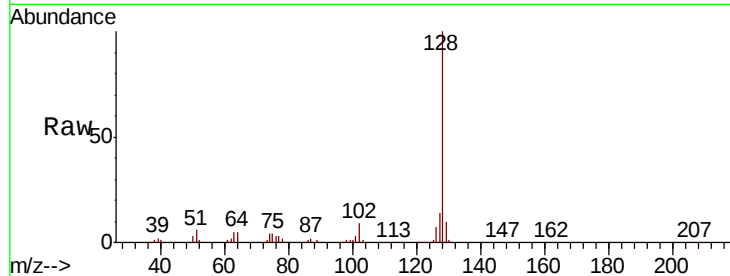
Tot Ion:128 Resp: 430749

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.5 8.6 13.0

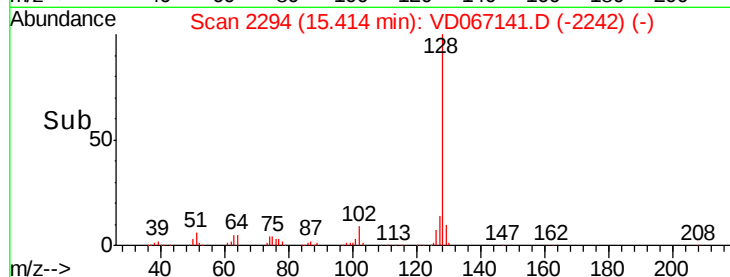


Abundance Ion 128.00 (127.70 to 128.70): V

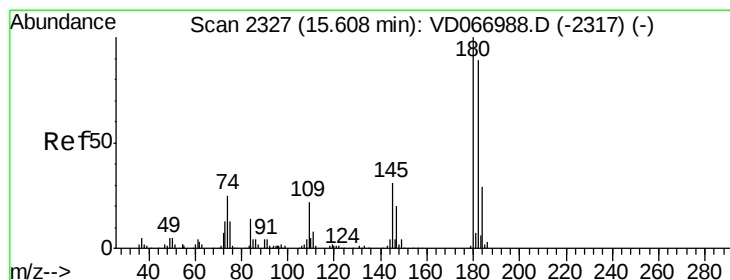
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.41



Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 52.705 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD067141.D

Acq: 07 Oct 2020 09:57

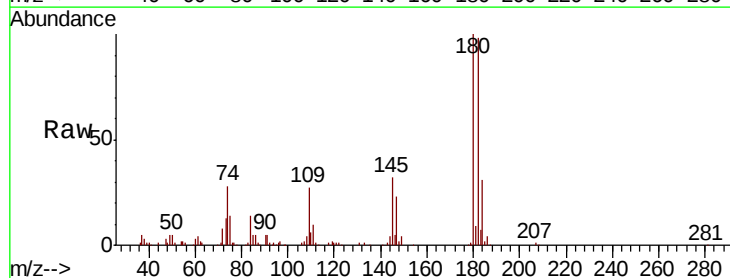
Tgt Ion:180 Resp: 215955

Ion Ratio Lower Upper

180 100

182 96.2 46.4 139.1

145 34.1 16.6 49.7

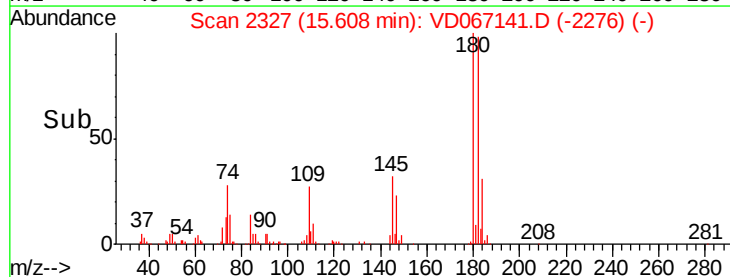


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.61



Time--> 15.50 15.60 15.70