

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067181.D
 Acq On : 08 Oct 2020 05:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 07:31:40 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	314979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	500975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	478213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	158131	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.91	113	169385	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.34	98	604225	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.64	95	215104	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	135122	53.650	ug/l	93
3) Chloromethane	2.21	50	107027	42.667	ug/l	90
4) Vinyl Chloride	2.35	62	110103	43.775	ug/l	98
5) Bromomethane	2.77	94	90704	56.512	ug/l	93
6) Chloroethane	2.92	64	71999	47.005	ug/l	90
7) Trichlorofluoromethane	3.27	101	259040	46.355	ug/l	96
8) Diethyl Ether	3.70	74	70409	50.810	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	134144	42.471	ug/l	95
10) Methyl Iodide	4.30	142	145238	47.324	ug/l	97
11) Tert butyl alcohol	5.22	59	44915	253.240	ug/l	97
12) 1,1-Dichloroethene	4.07	96	135542	45.649	ug/l	96
13) Acrolein	3.92	56	43680	215.017	ug/l	93
14) Allyl chloride	4.71	41	167518	43.429	ug/l	90
15) Acrylonitrile	5.43	53	122756	240.691	ug/l	99
16) Acetone	4.16	43	105045	226.820	ug/l	98
17) Carbon Disulfide	4.41	76	402764	44.200	ug/l	98
18) Methyl Acetate	4.71	43	63097	54.208	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	297713	54.925	ug/l	96
20) Methylene Chloride	4.96	84	181078	55.967	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	168994	50.012	ug/l	95
22) Diisopropyl ether	6.36	45	339710	48.240	ug/l	98
23) Vinyl Acetate	6.30	43	963224	241.382	ug/l	96
24) 1,1-Dichloroethane	6.27	63	265609	48.873	ug/l	97
25) 2-Butanone	7.21	43	149276	227.347	ug/l	92
26) 2,2-Dichloropropane	7.21	77	217773	46.579	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	189785	52.588	ug/l	95
28) Bromochloromethane	7.54	49	104879	49.971	ug/l	87
29) Tetrahydrofuran	7.56	42	89693	237.573	ug/l	93
30) Chloroform	7.71	83	313487	53.174	ug/l	99
31) Cyclohexane	7.99	56	172861	37.939	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	282316	51.671	ug/l	98
36) 1,1-Dichloropropene	8.11	75	213691	45.762	ug/l	98
37) Ethyl Acetate	7.29	43	72077	44.555	ug/l	96
38) Carbon Tetrachloride	8.10	117	258852	51.233	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067181.D
 Acq On : 08 Oct 2020 05:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 07:31:40 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)
39) Methylcyclohexane	9.36	83	214204	43.388	ug/l	94
40) Benzene	8.35	78	638957	49.263	ug/l	99
41) Methacrylonitrile	7.53	41	41861	47.899	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	194524	53.672	ug/l	96
43) Isopropyl Acetate	8.45	43	136219	45.709	ug/l	95
44) Trichloroethene	9.11	130	196383	50.705	ug/l	98
45) 1,2-Dichloropropane	9.38	63	151175	49.606	ug/l	100
46) Dibromomethane	9.48	93	91038	51.976	ug/l	95
47) Bromodichloromethane	9.66	83	241541	53.050	ug/l #	97
48) Methyl methacrylate	9.46	41	70168	45.959	ug/l #	79
49) 1,4-Dioxane	9.46	88	18452	1009.375	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	364400	245.486	ug/l	99
52) Toluene	10.40	92	444660	53.221	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	212815	52.299	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	250553	50.424	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	124650	51.187	ug/l	90
56) Ethyl methacrylate	10.66	69	140788	55.998	ug/l	97
57) 1,3-Dichloropropane	10.95	76	208320	52.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	367250	262.442	ug/l	93
59) 2-Hexanone	10.98	43	246275	248.574	ug/l	95
60) Dibromochloromethane	11.14	129	179554	55.321	ug/l	96
61) 1,2-Dibromoethane	11.25	107	125263	53.542	ug/l	98
64) Tetrachloroethene	10.87	164	174093	50.075	ug/l	92
65) Chlorobenzene	11.67	112	475130	49.956	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	189262	52.313	ug/l	98
67) Ethyl Benzene	11.74	91	829262	50.887	ug/l	99
68) m/p-Xylenes	11.86	106	638428	100.526	ug/l	98
69) o-Xylene	12.18	106	298963	52.641	ug/l	97
70) Styrene	12.20	104	516566	52.969	ug/l	99
71) Bromoform	12.36	173	105085	55.957	ug/l #	97
73) Isopropylbenzene	12.48	105	812788	50.810	ug/l	99
74) N-amyl acetate	12.29	43	128742	44.770	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	127575	47.335	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	166703	81.239	ug/l #	100
77) Bromobenzene	12.77	156	199390	51.621	ug/l	95
78) n-propylbenzene	12.83	91	915078	48.404	ug/l	98
79) 2-Chlorotoluene	12.91	91	542332	50.140	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	701161	51.880	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	37012	44.968	ug/l	99
82) 4-Chlorotoluene	13.01	91	579704	50.373	ug/l	100
83) tert-Butylbenzene	13.23	119	584275	51.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	700370	51.927	ug/l	98
85) sec-Butylbenzene	13.41	105	784740	48.962	ug/l	99
86) p-Isopropyltoluene	13.52	119	731939	49.258	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	374062	49.719	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	373128	49.600	ug/l	99
89) n-Butylbenzene	13.85	91	640985	47.201	ug/l	100
90) Hexachloroethane	14.12	117	126271	48.513	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	330318	50.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21419	49.301	ug/l	96

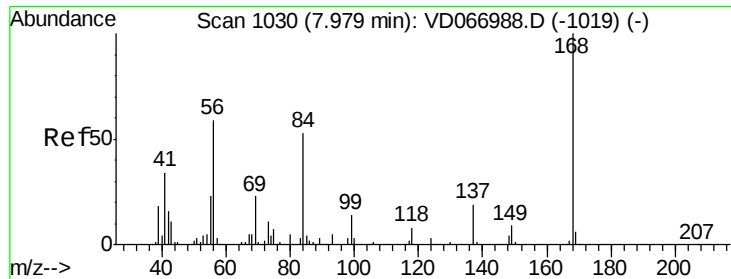
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067181.D
 Acq On : 08 Oct 2020 05:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 07:31:40 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)
93) 1,2,4-Trichlorobenzene	15.17	180	230048	54.128	ug/l	99
94) Hexachlorobutadiene	15.28	225	126825	48.589	ug/l	98
95) Naphthalene	15.41	128	394806	55.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	200612	54.374	ug/l	98

(#) = 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: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

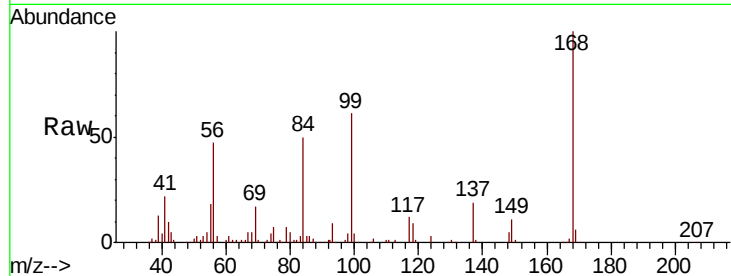
VSTDCCC050EC

Tot Ion:168 Resp: 314979

Ion Ratio Lower Upper

168 100

99 60.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

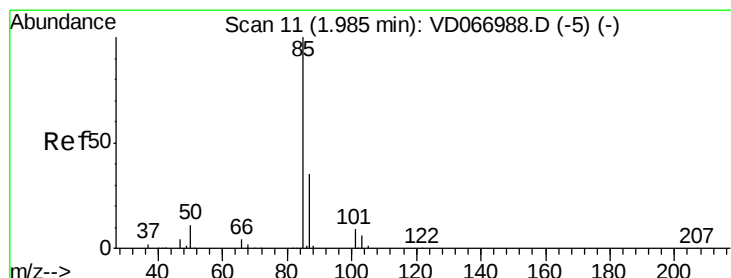
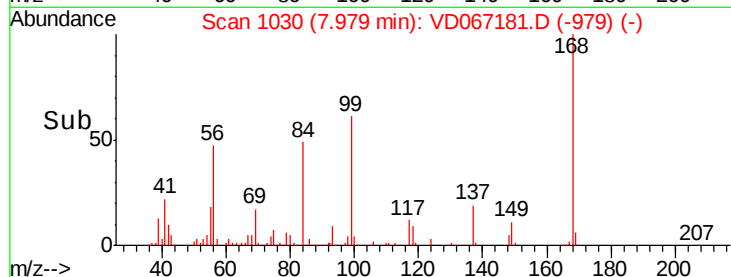
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.650 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067181.D

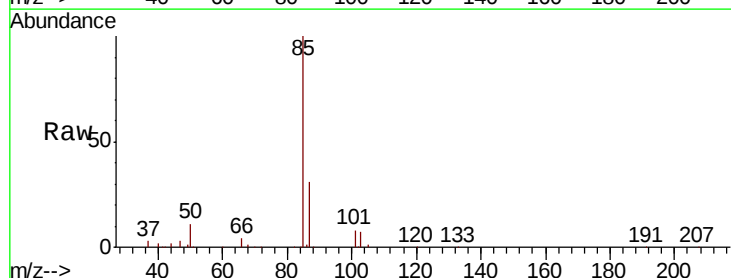
Acq: 08 Oct 2020 05:43

Tgt Ion: 85 Resp: 135122

Ion Ratio Lower Upper

85 100

87 30.8 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

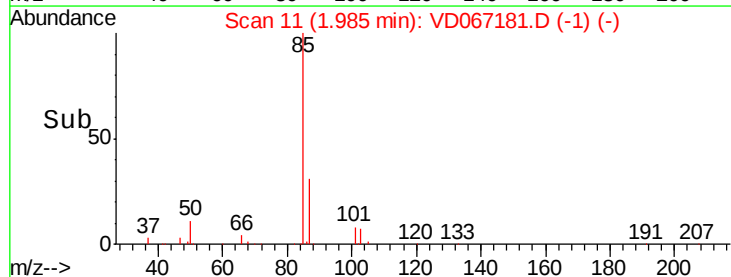
40000

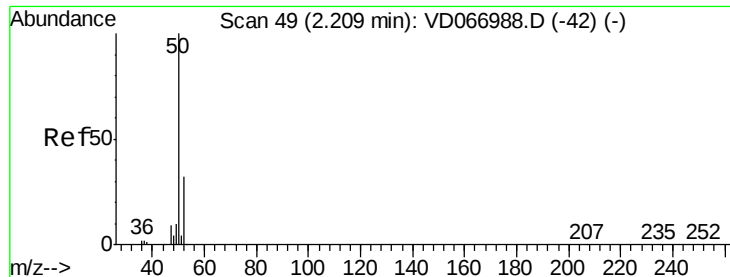
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 42.667 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

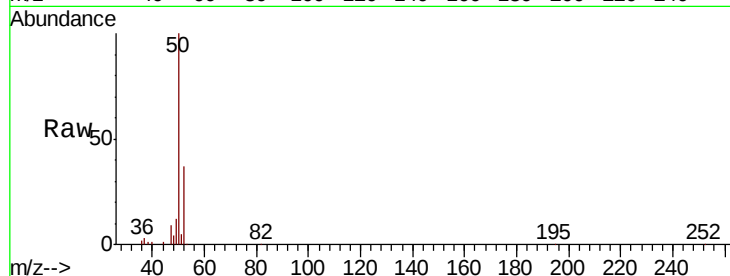
VSTDCCC050EC

Tot Ion: 50 Resp: 107027

Ion Ratio Lower Upper

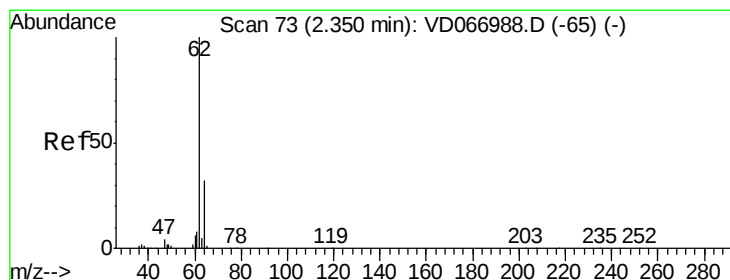
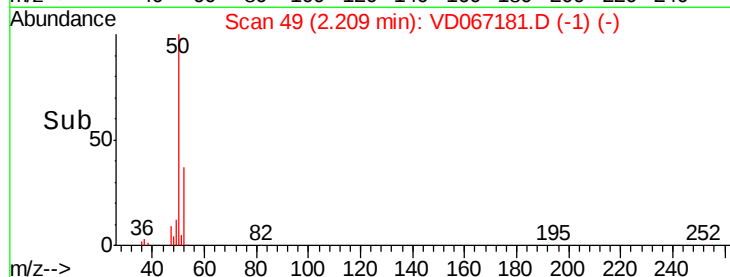
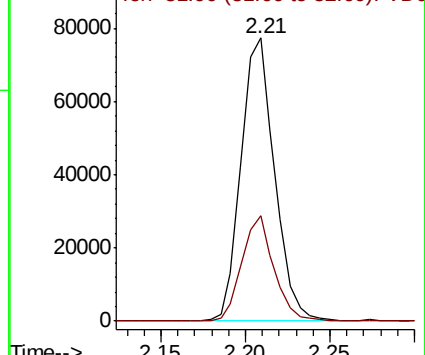
50 100

52 37.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.775 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067181.D

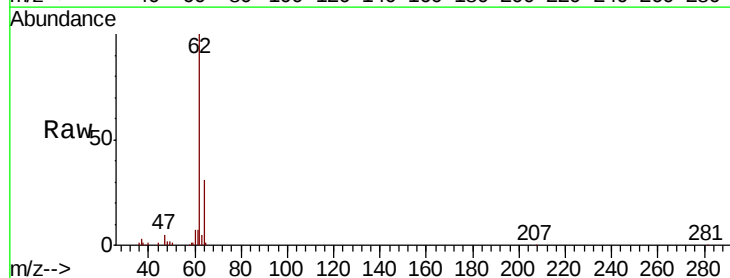
Acq: 08 Oct 2020 05:43

Tgt Ion: 62 Resp: 110103

Ion Ratio Lower Upper

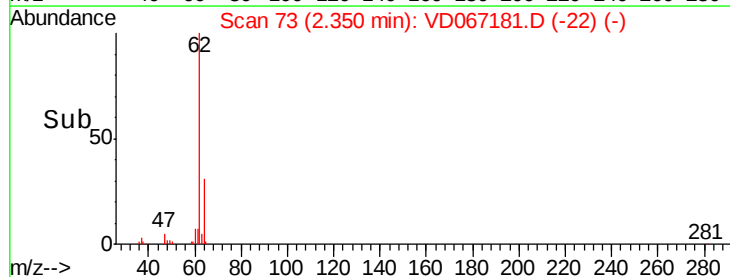
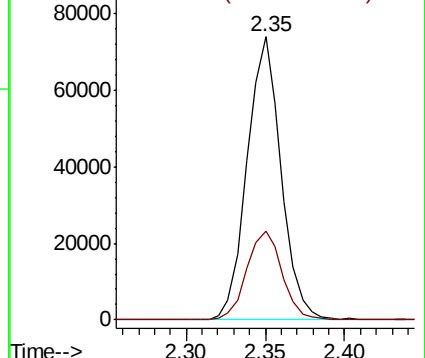
62 100

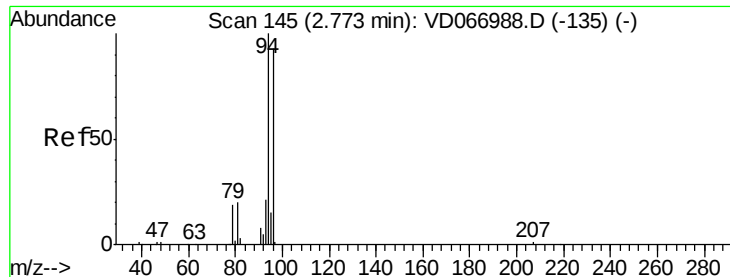
64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.512 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

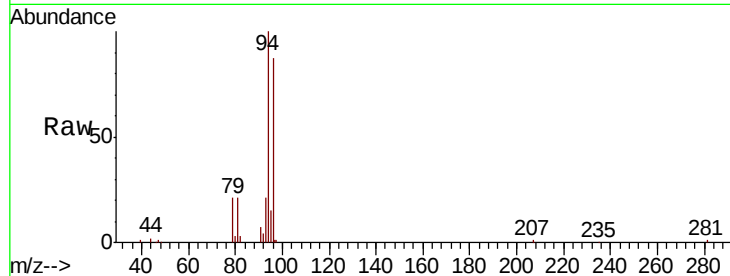
VSTDCCC050EC

Tot Ion: 94 Resp: 90704

Ion Ratio Lower Upper

94 100

96 86.8 74.6 112.0

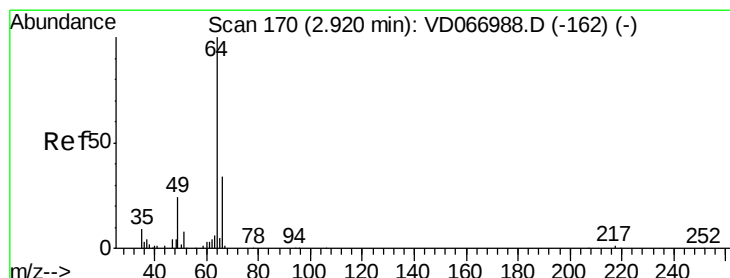
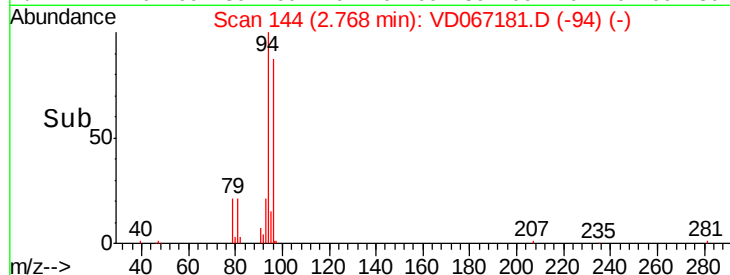


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 47.005 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067181.D

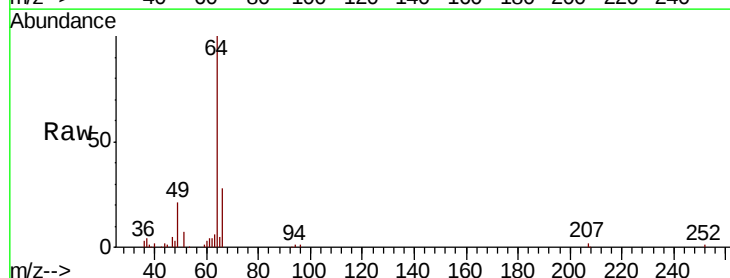
Acq: 08 Oct 2020 05:43

Tgt Ion: 64 Resp: 71999

Ion Ratio Lower Upper

64 100

66 28.1 27.0 40.6

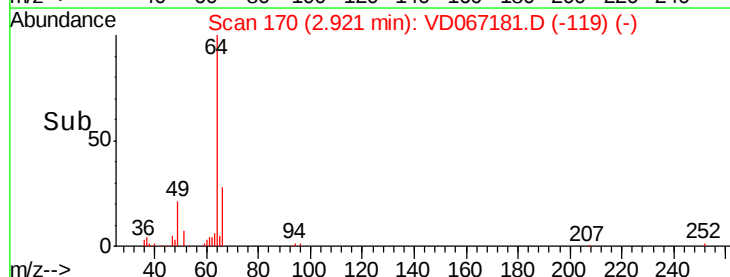


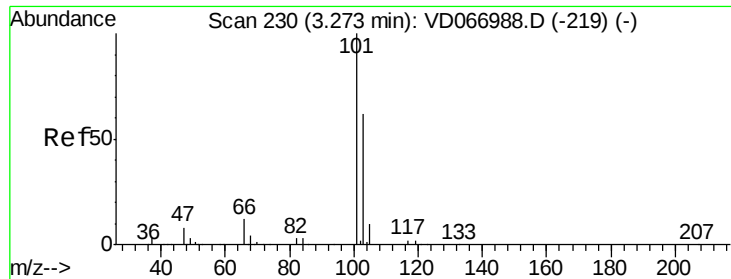
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

Time--> 2.80 2.90 3.00





#7

Trichlorofluoromethane

Concen: 46.355 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

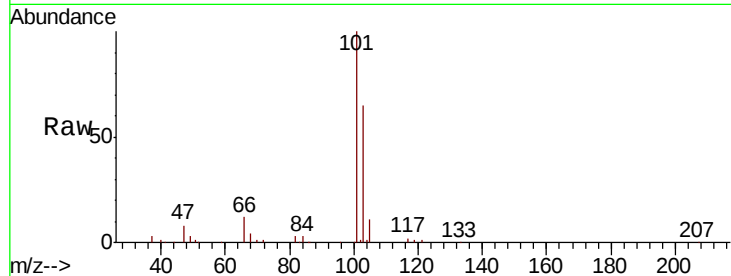
VSTDCCC050EC

Tot Ion:101 Resp: 259040

Ion Ratio Lower Upper

101 100

103 65.1 49.8 74.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

120000

100000

80000

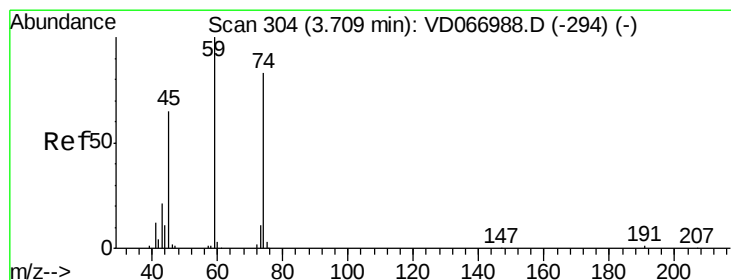
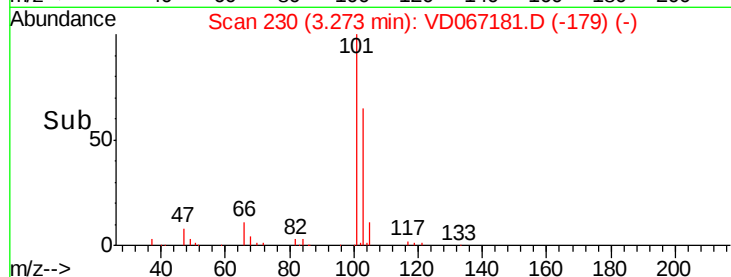
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 50.810 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD067181.D

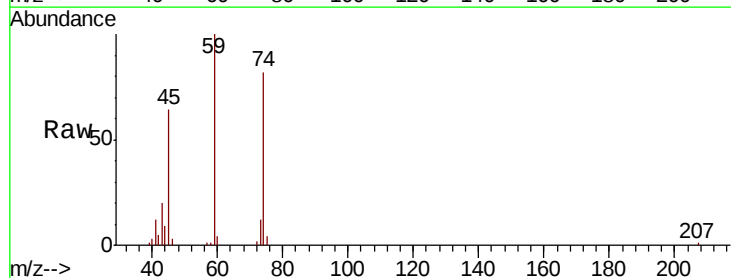
Acq: 08 Oct 2020 05:43

Tgt Ion: 74 Resp: 70409

Ion Ratio Lower Upper

74 100

45 79.7 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

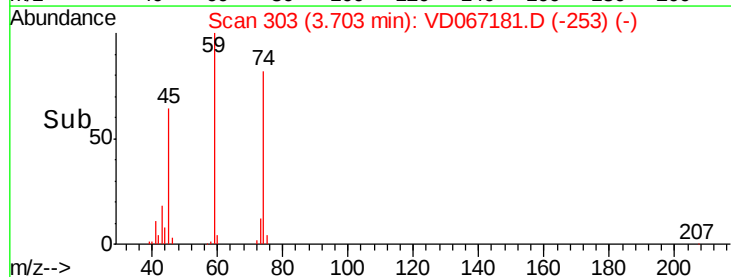
30000

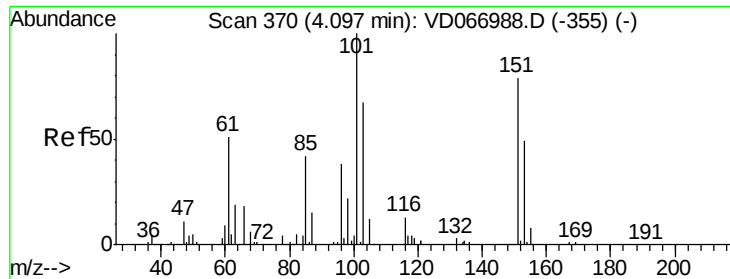
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.471 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

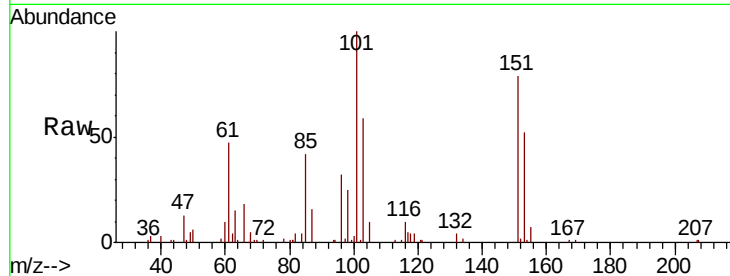
Tot Ion:101 Resp: 134144

Ion Ratio Lower Upper

101 100

85 44.2 33.8 50.8

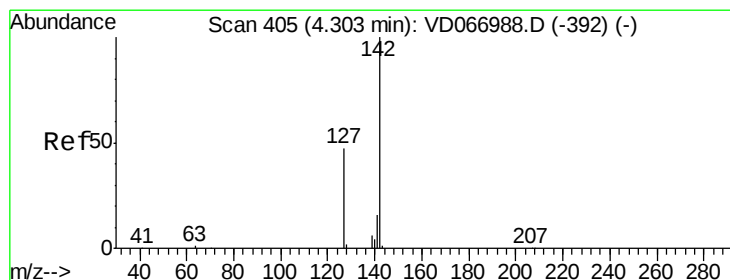
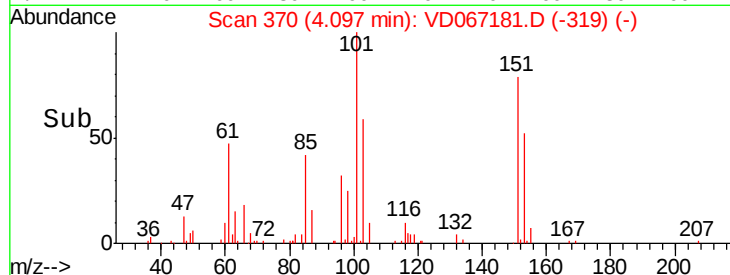
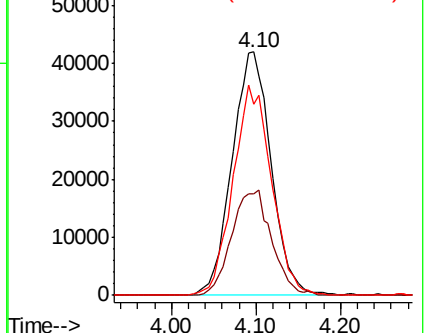
151 85.1 63.8 95.8



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: 47.324 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

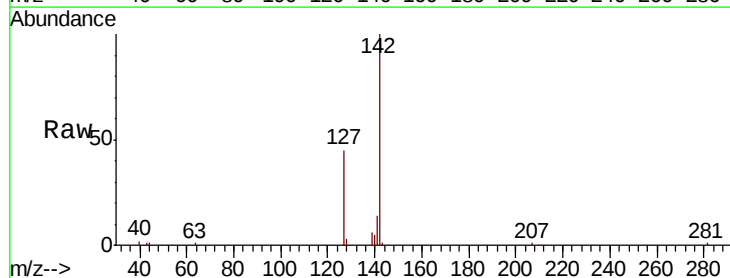
Tgt Ion:142 Resp: 145238

Ion Ratio Lower Upper

142 100

127 47.6 36.3 54.5

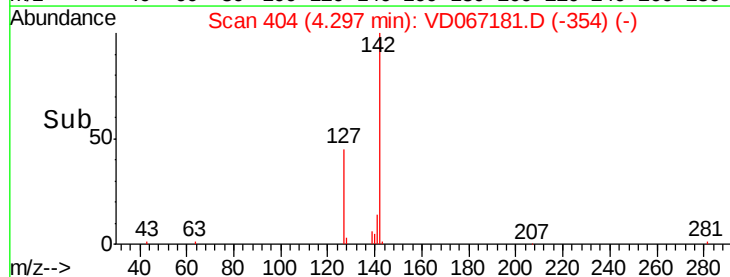
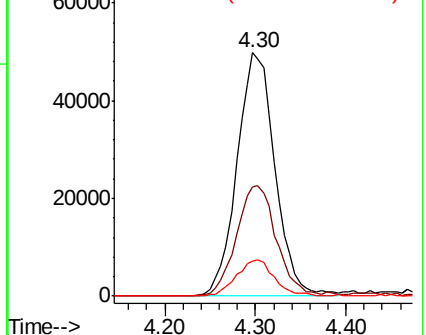
141 14.8 12.0 18.0

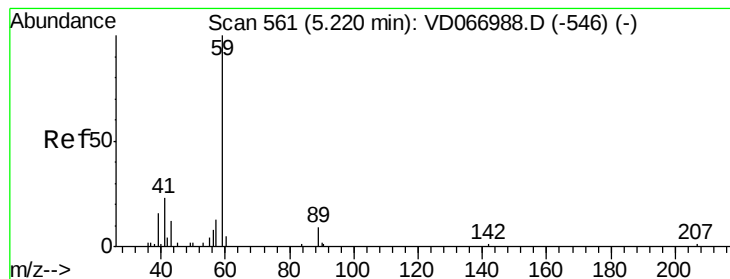


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.240 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

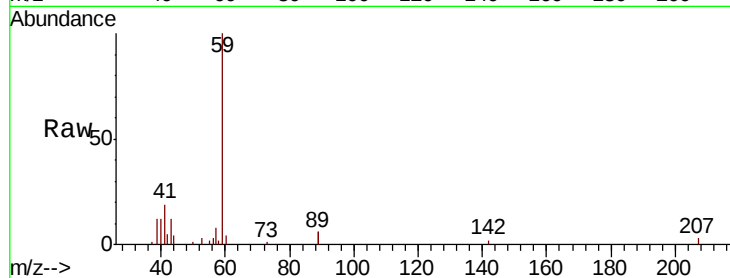
VSTDCCC050EC

Tot Ion: 59 Resp: 44915

Ion Ratio Lower Upper

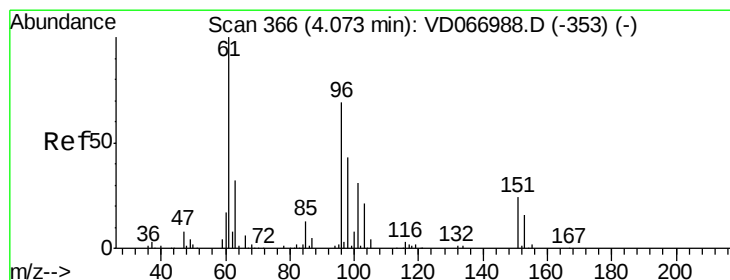
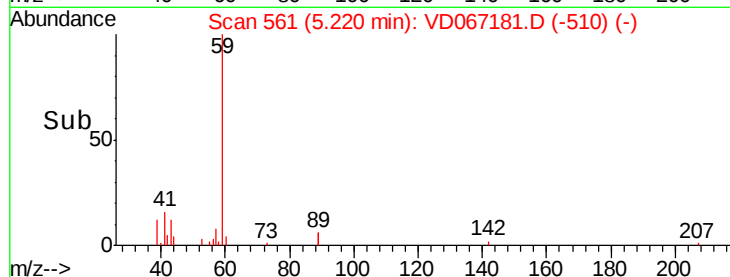
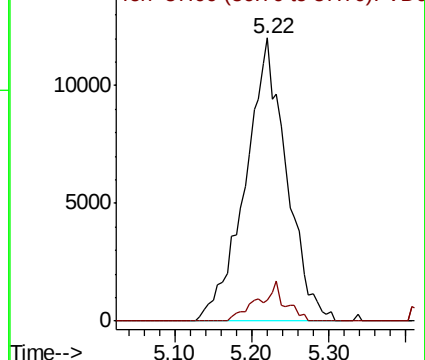
59 100

57 9.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 45.649 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

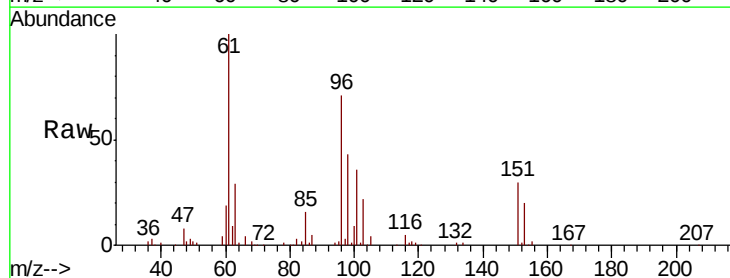
Tgt Ion: 96 Resp: 135542

Ion Ratio Lower Upper

96 100

61 140.0 116.4 174.6

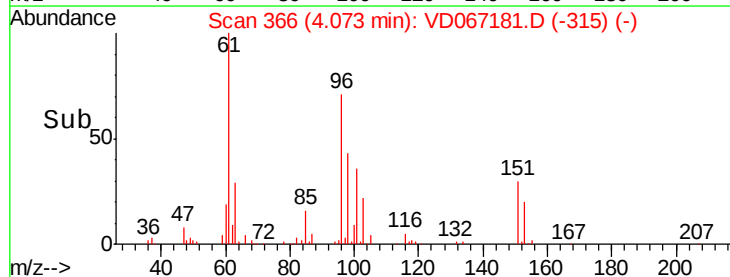
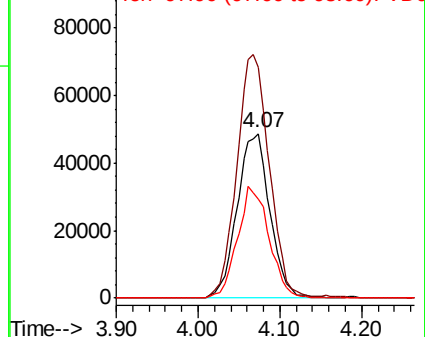
98 60.3 49.9 74.9

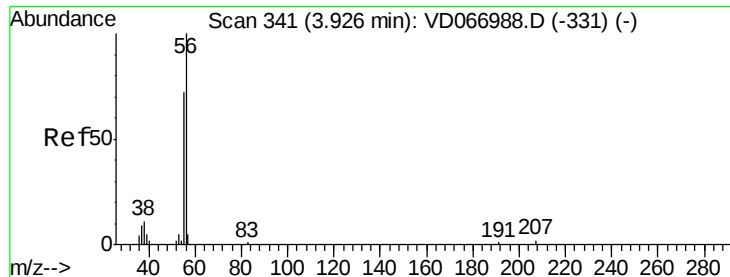


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 215.017 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

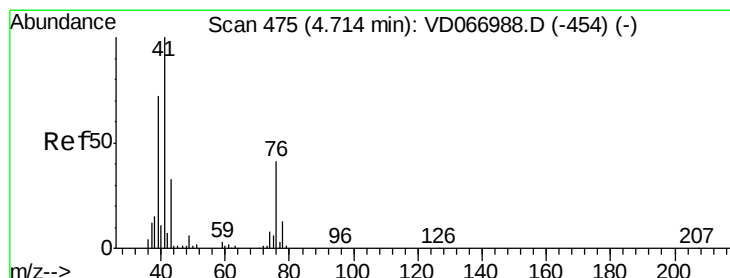
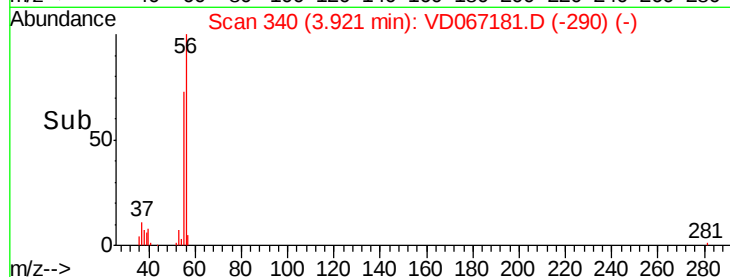
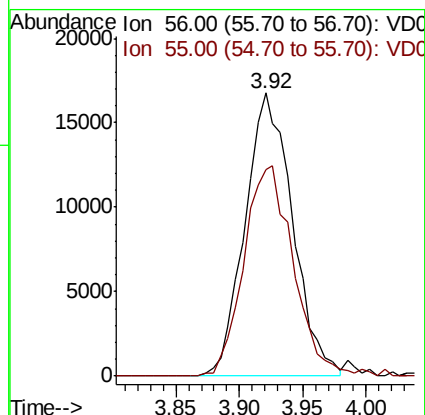
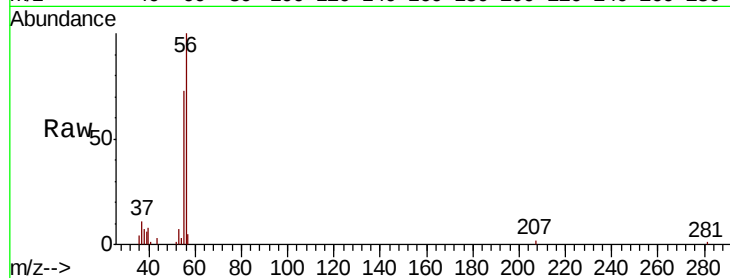
VSTDCCC050EC

Tot Ion: 56 Resp: 43680

Ion Ratio Lower Upper

56 100

55 77.1 56.9 85.3



#14

Allyl chloride

Concen: 43.429 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

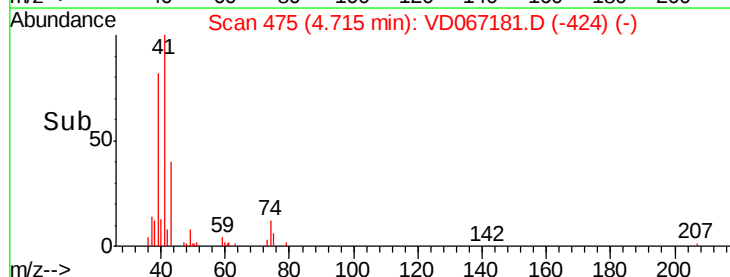
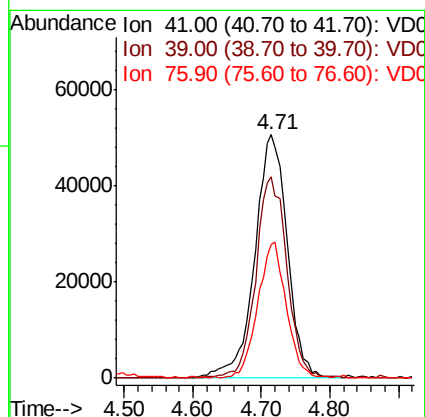
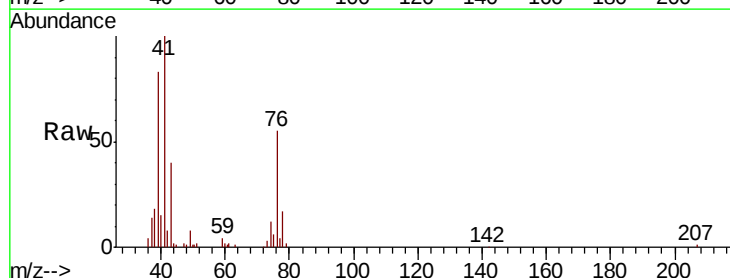
Tgt Ion: 41 Resp: 167518

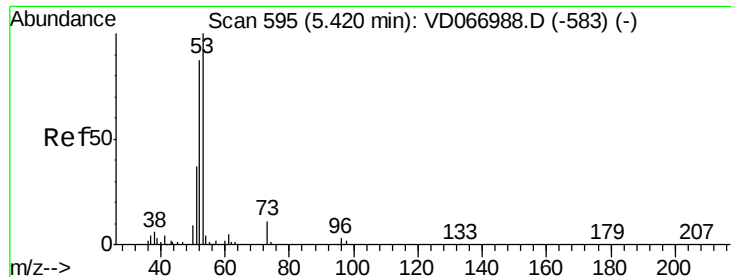
Ion Ratio Lower Upper

41 100

39 79.1 56.2 84.2

76 48.9 34.2 51.2





#15

Acrylonitrile

Concen: 240.691 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

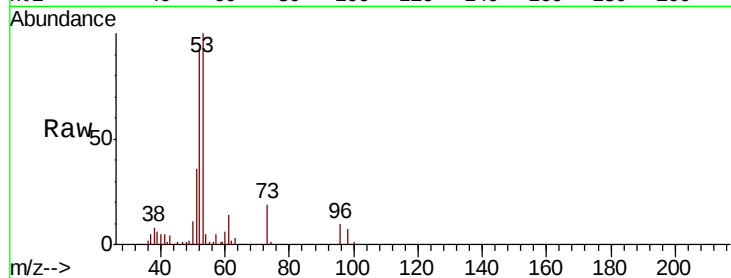
Tot Ion: 53 Resp: 122756

Ion Ratio Lower Upper

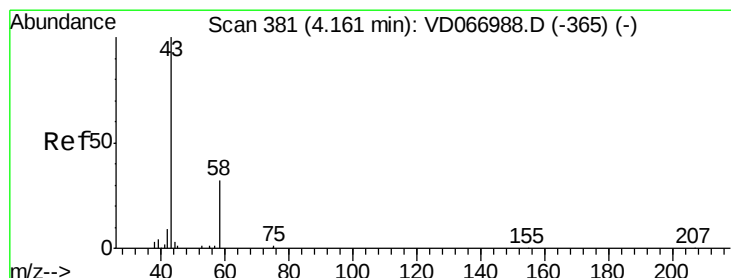
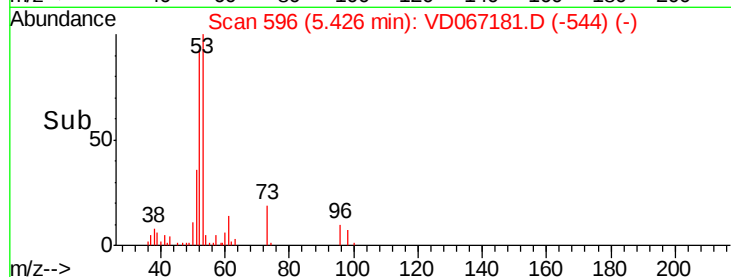
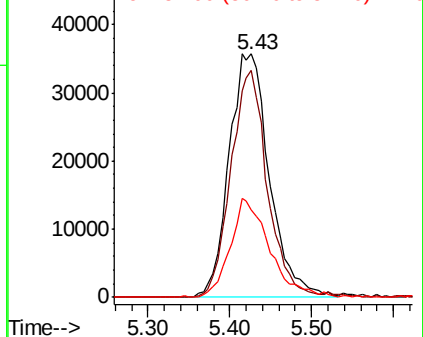
53 100

52 83.9 67.3 100.9

51 39.5 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 226.820 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067181.D

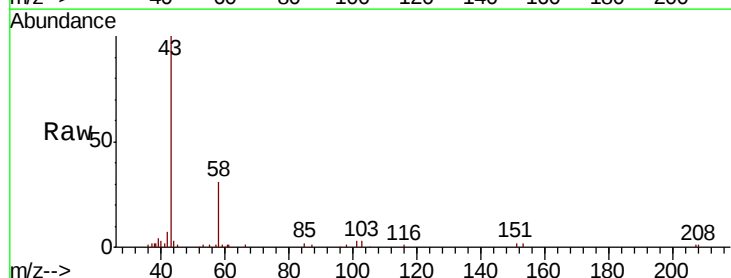
Acq: 08 Oct 2020 05:43

Tgt Ion: 43 Resp: 105045

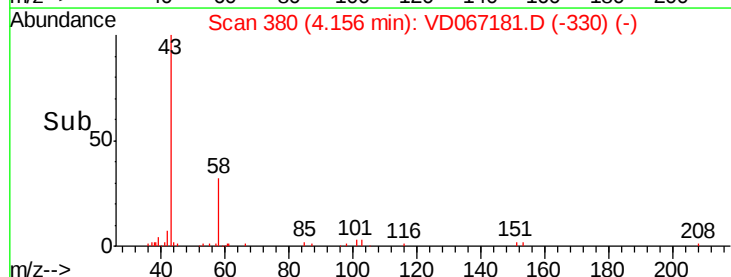
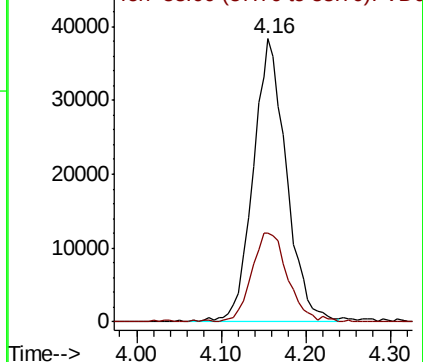
Ion Ratio Lower Upper

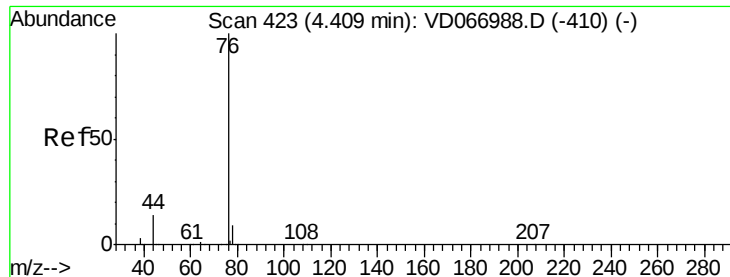
43 100

58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

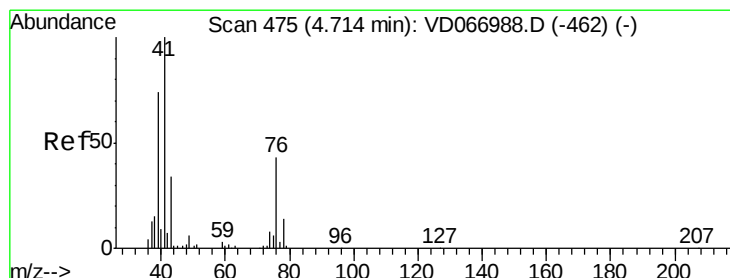
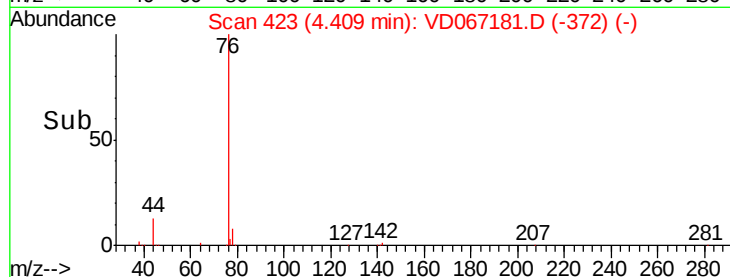
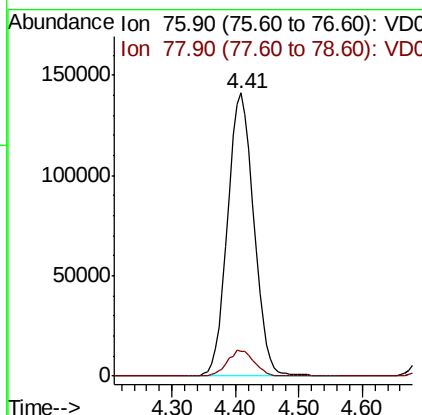
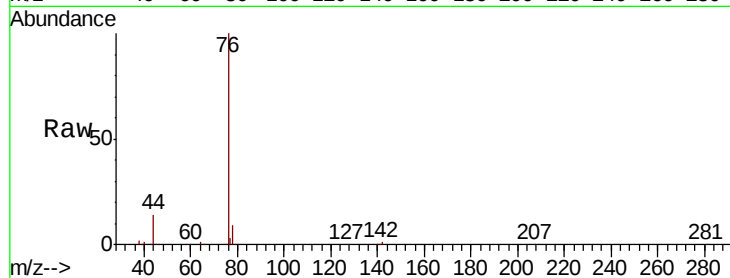




#17
Carbon Disulfide
Concen: 44.200 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

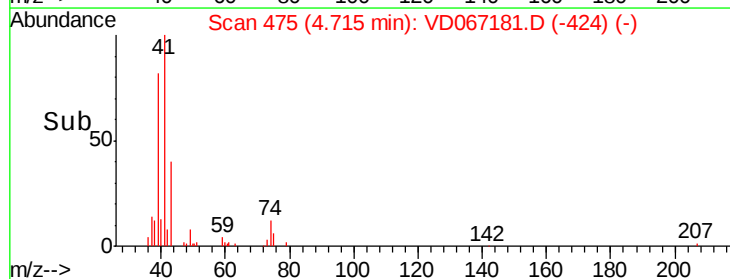
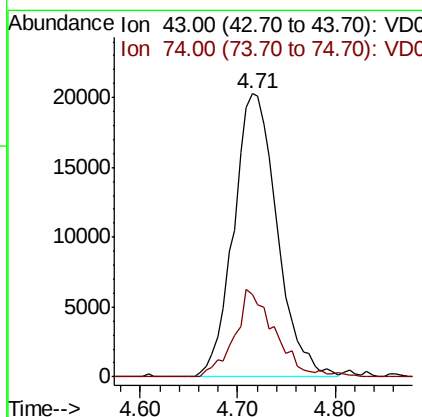
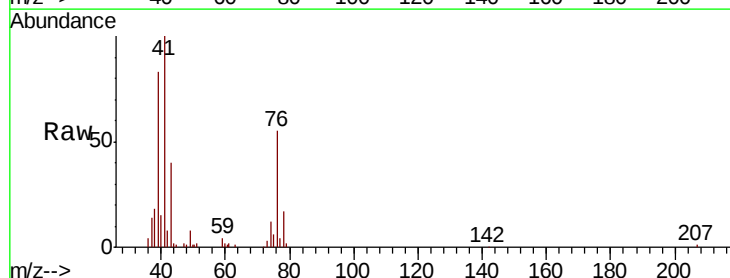
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

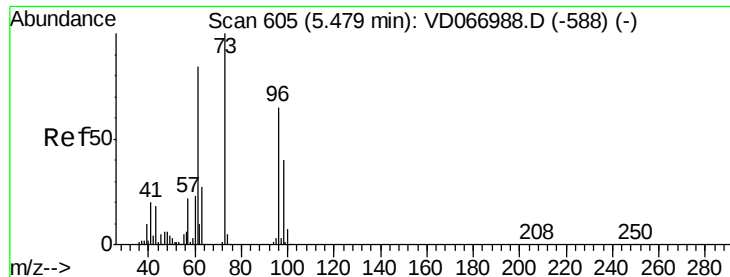
Tot Ion: 76 Resp: 402764
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 54.208 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 43 Resp: 63097
Ion Ratio Lower Upper
43 100
74 28.4 21.5 32.3

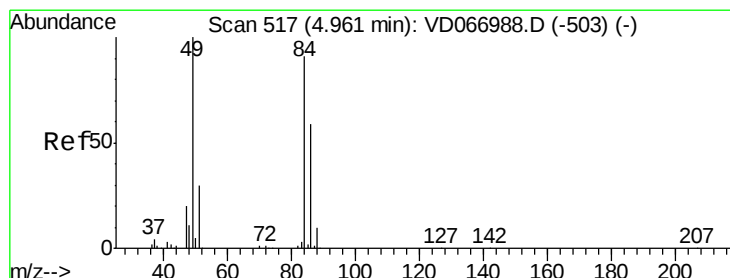
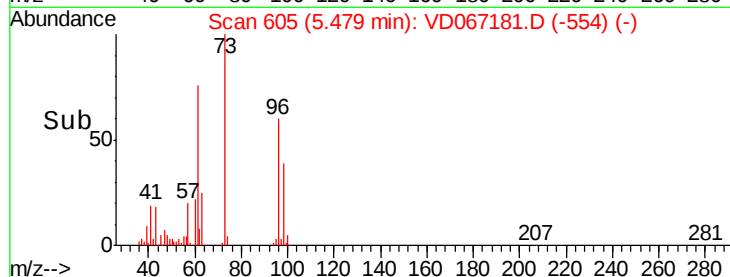
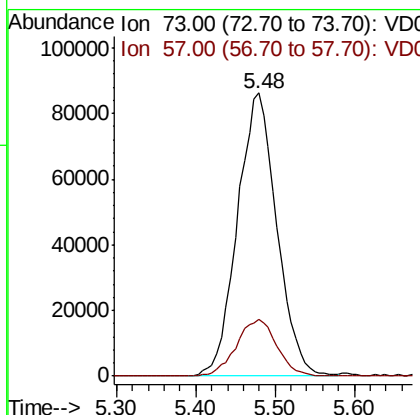
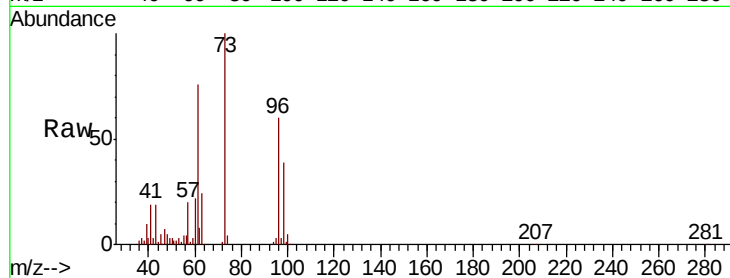




#19
Methvl tert-butvl Ether
Concen: 54.925 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

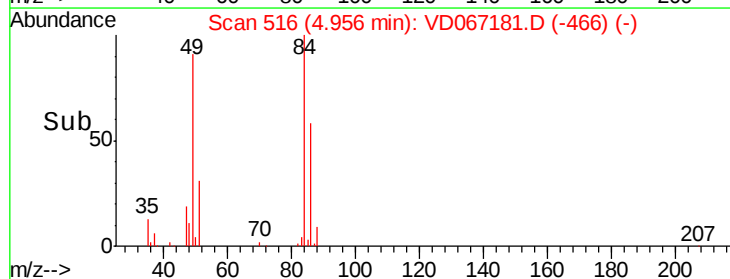
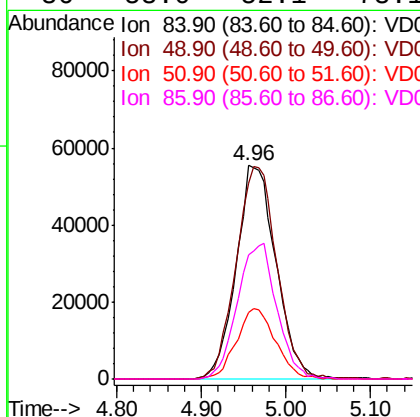
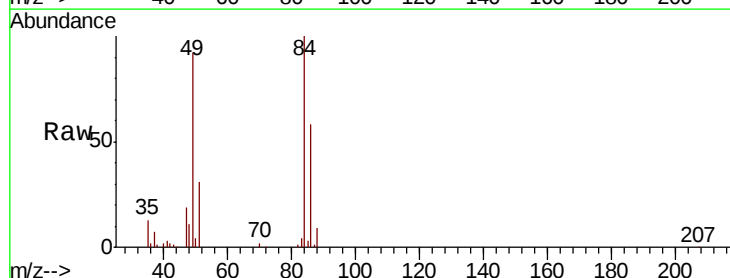
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

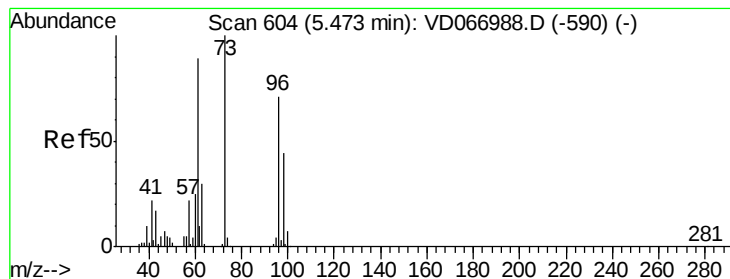
Tot Ion: 73 Resp: 297713
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 55.967 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 84 Resp: 181078
Ion Ratio Lower Upper
84 100
49 91.9 88.2 132.2
51 31.2 26.6 39.8
86 58.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.012 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

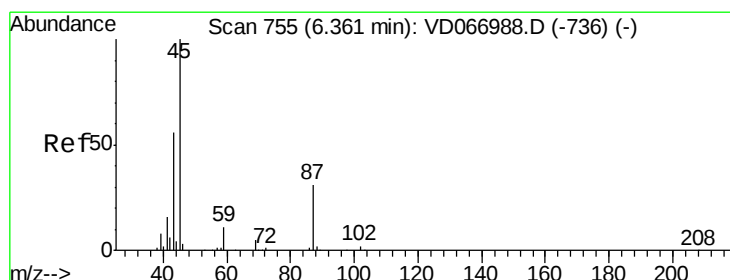
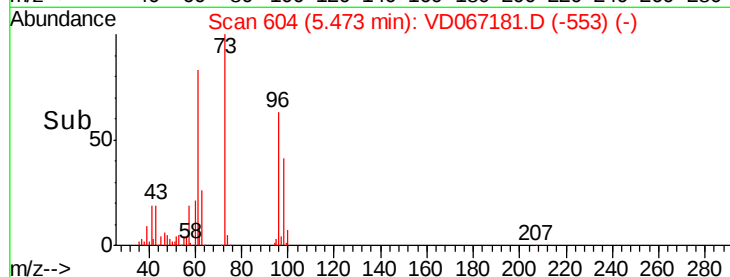
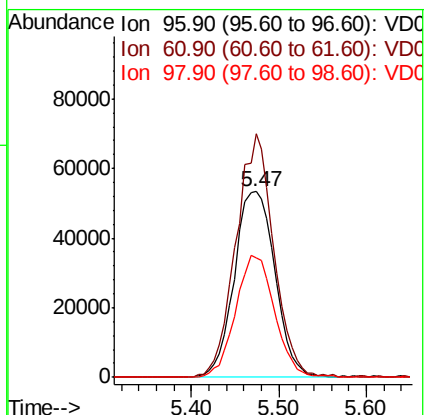
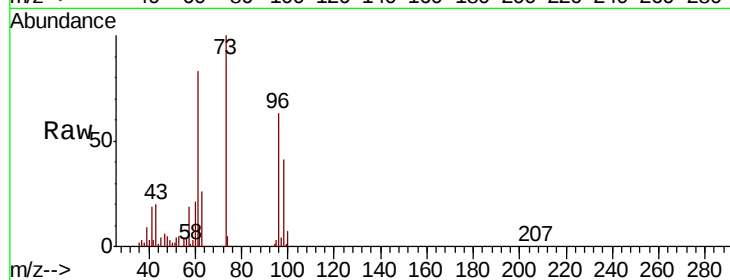
Tot Ion: 96 Resp: 168994

Ion Ratio Lower Upper

96 100

61 131.1 99.6 149.4

98 64.6 49.4 74.2



#22

Diisopropyl ether

Concen: 48.240 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Tgt Ion: 45 Resp: 339710

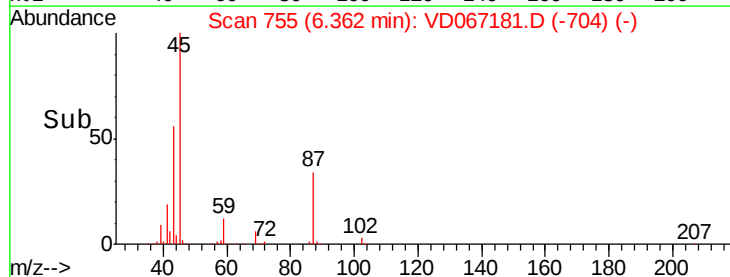
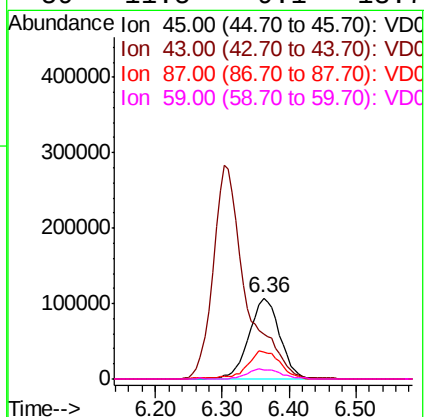
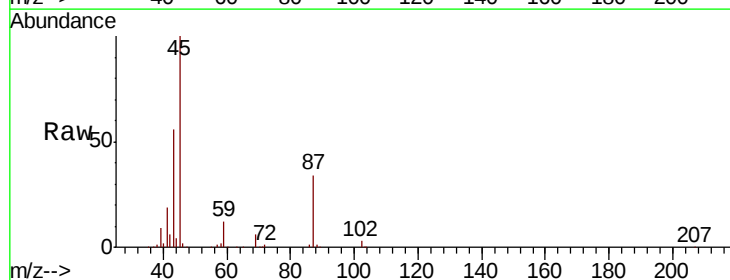
Ion Ratio Lower Upper

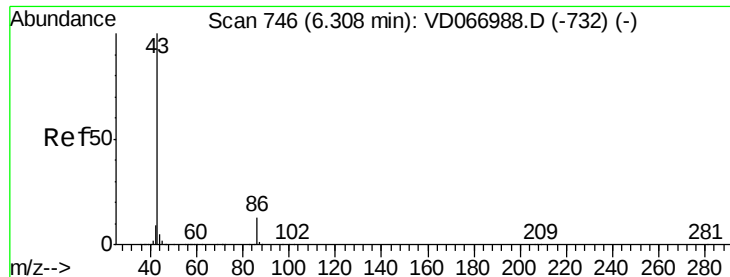
45 100

43 54.9 45.2 67.8

87 33.7 25.6 38.4

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 241.382 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

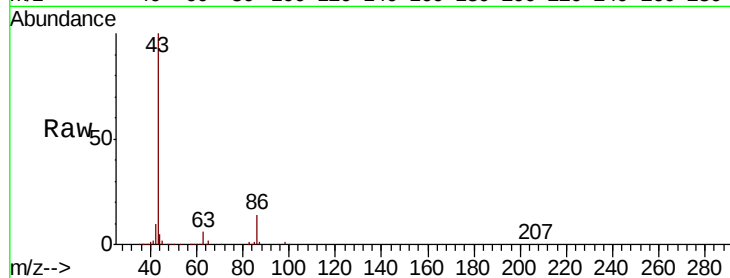
VSTDCCC050EC

Tot Ion: 43 Resp: 963224

Ion Ratio Lower Upper

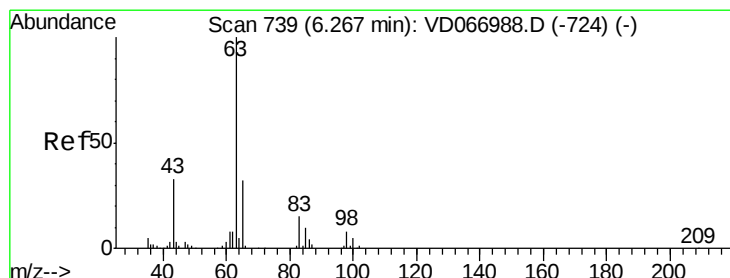
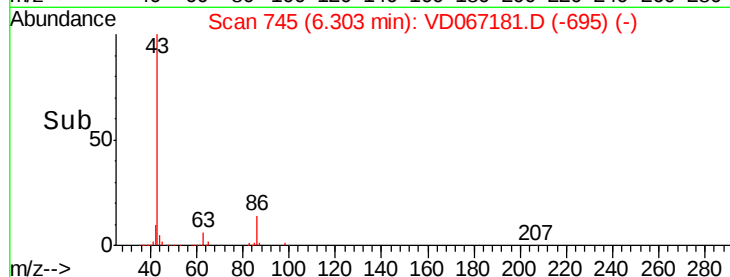
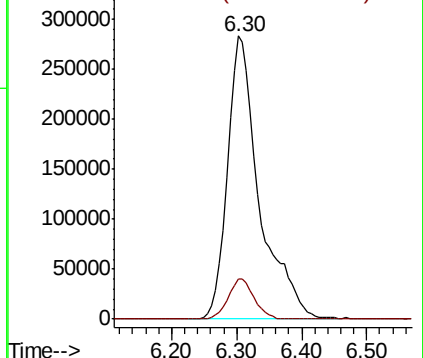
43 100

86 14.3 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: 48.873 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

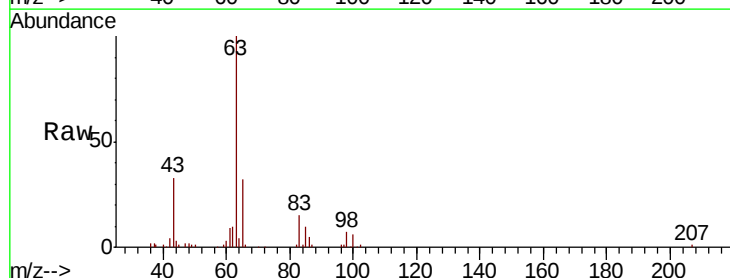
Tgt Ion: 63 Resp: 265609

Ion Ratio Lower Upper

63 100

98 7.1 4.2 12.6

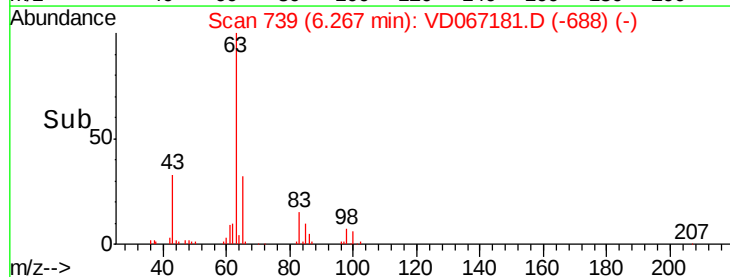
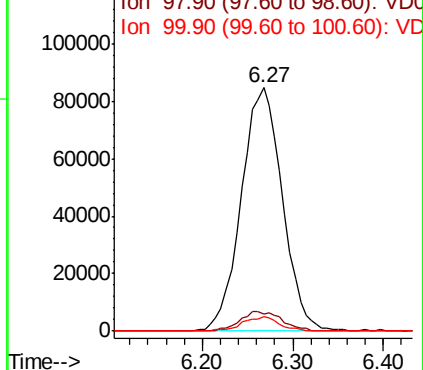
100 5.7 2.6 7.8

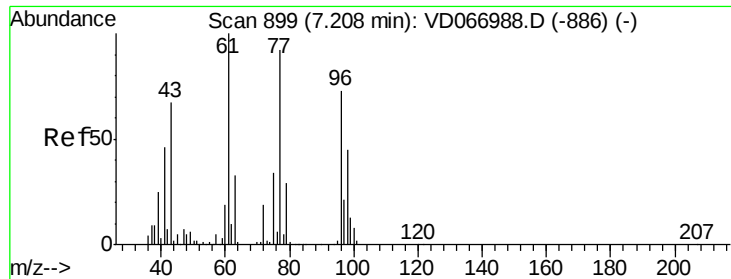


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

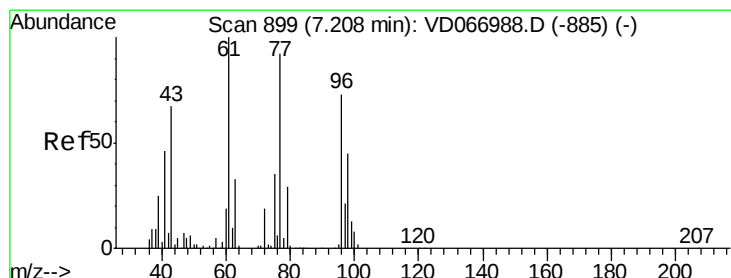
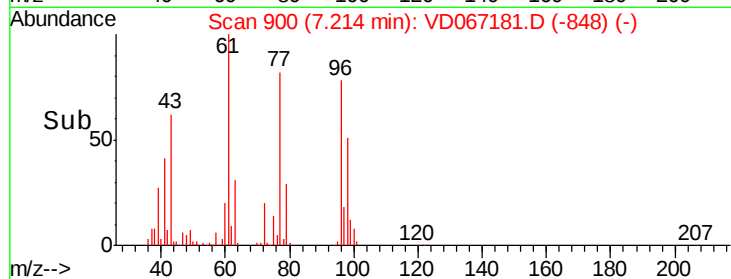
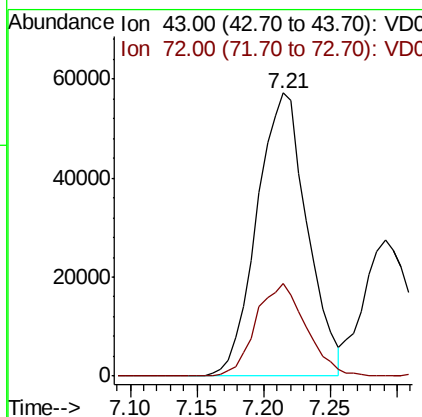
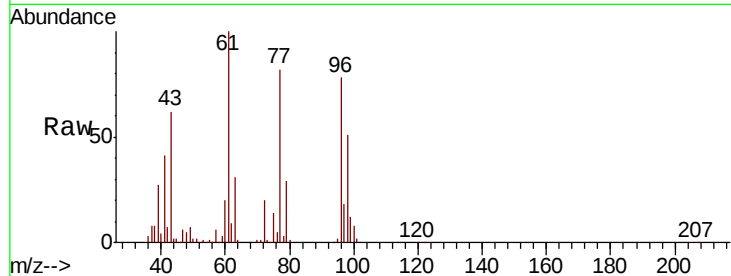




#25
2-Butanone
Concen: 227.347 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

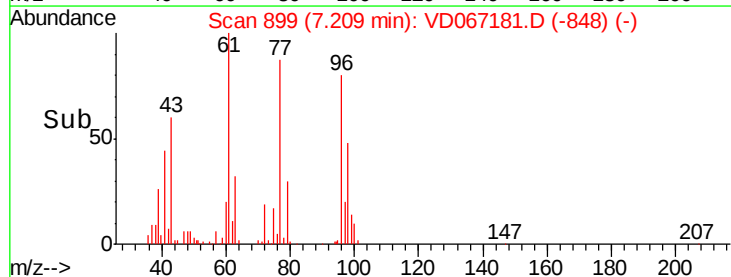
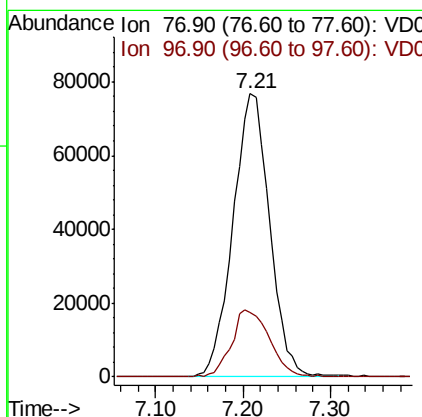
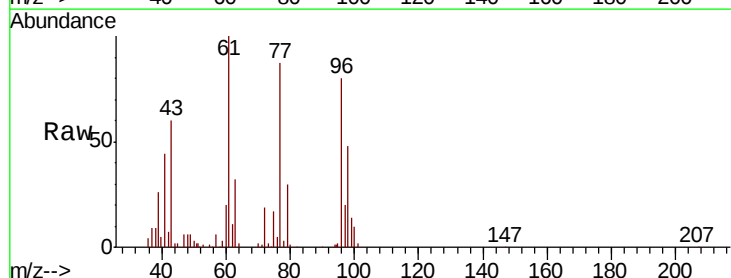
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

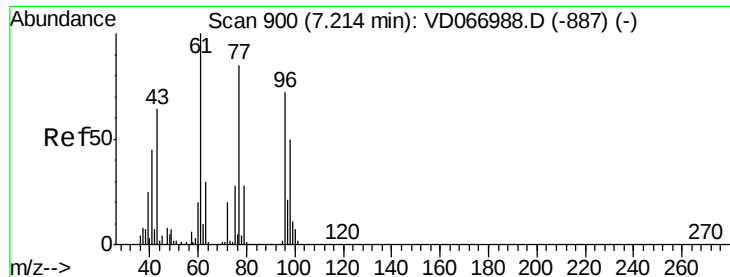
Tot Ion: 43 Resp: 149276
Ion Ratio Lower Upper
43 100
72 32.7 22.8 34.2



#26
2,2-Dichloropropane
Concen: 46.579 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 77 Resp: 217773
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.2



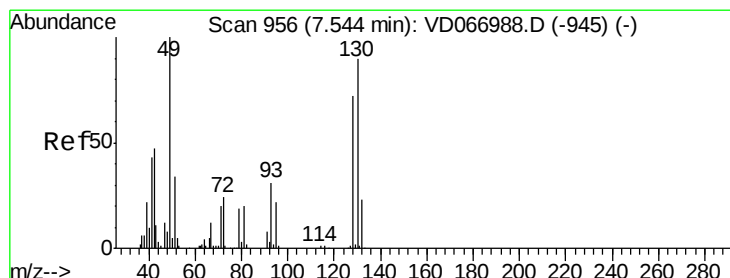
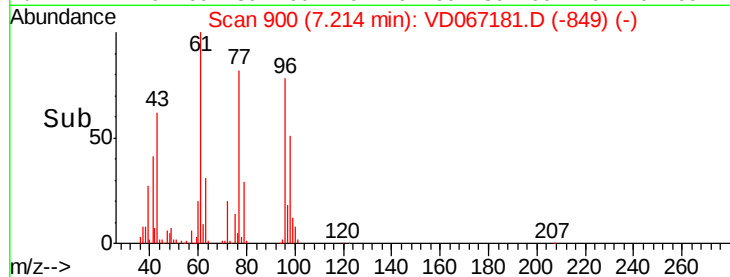
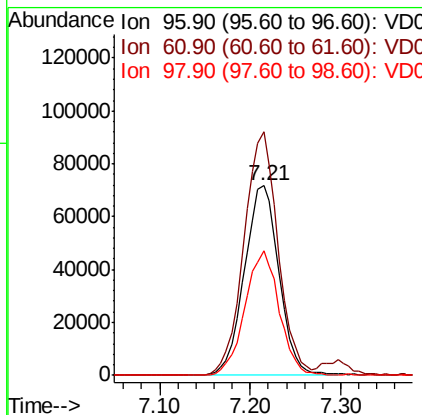
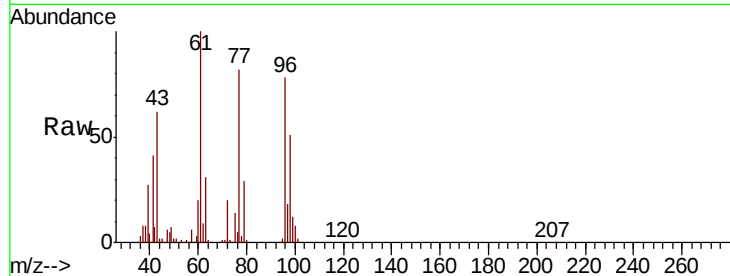


#27

cis-1,2-Dichloroethene
Concen: 52.588 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

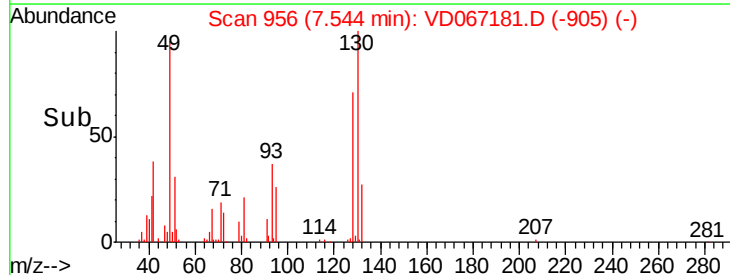
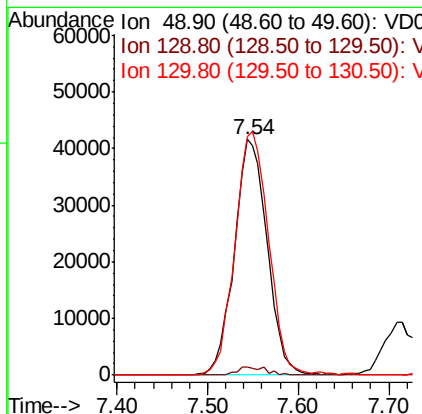
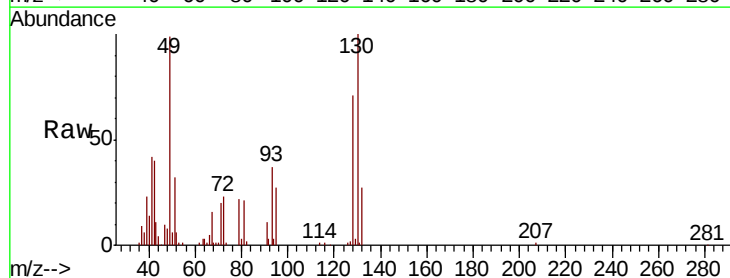
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	269.2
98	64.9	0.0	129.4

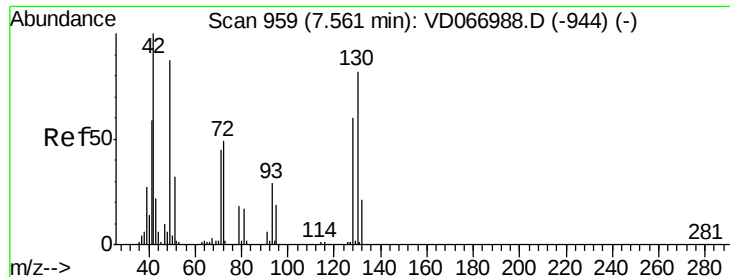


#28

Bromochloromethane
Concen: 49.971 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.6
130	105.1	74.1	111.1

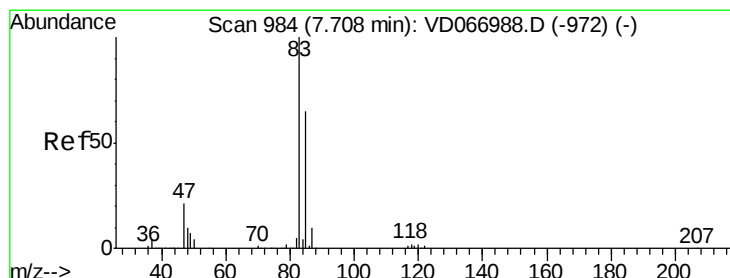
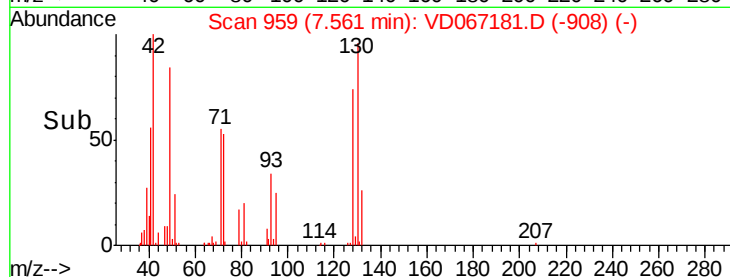
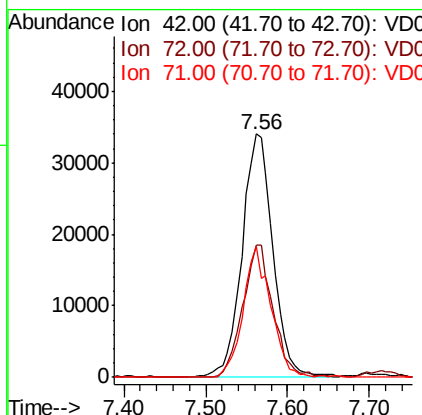
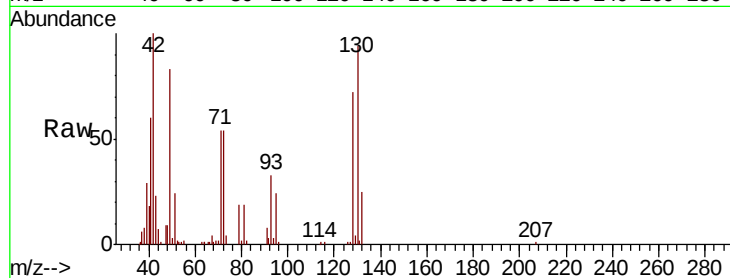




#29
Tetrahydrofuran
Concen: 237.573 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

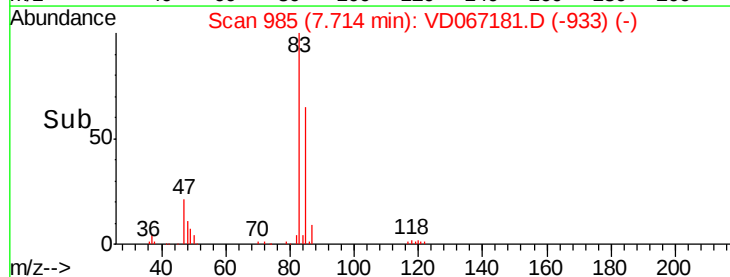
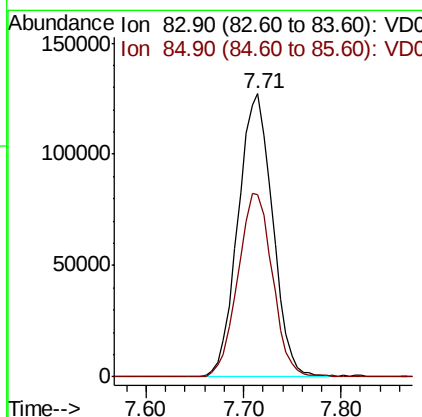
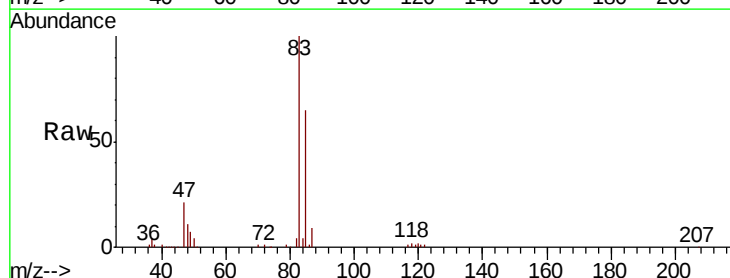
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

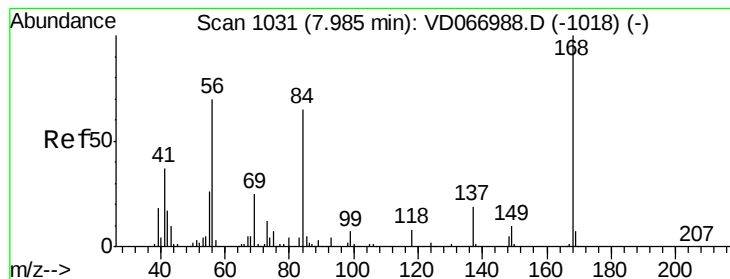
Tot Ion: 42 Resp: 89693
Ion Ratio Lower Upper
42 100
72 53.1 39.1 58.7
71 48.2 34.2 51.4



#30
Chloroform
Concen: 53.174 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 83 Resp: 313487
Ion Ratio Lower Upper
83 100
85 64.6 52.3 78.5





#31

Cyclohexane

Concen: 37.939 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

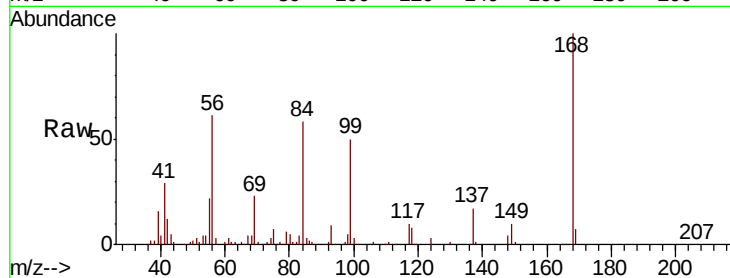
Tot Ion: 56 Resp: 172861

Ion Ratio Lower Upper

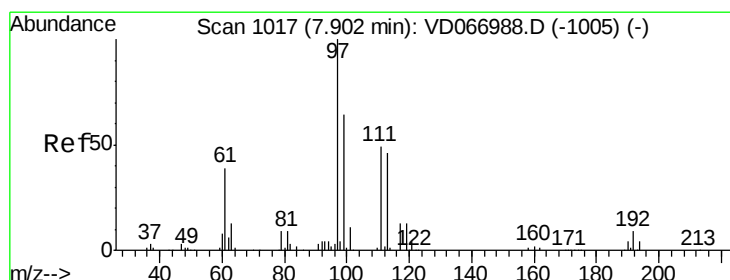
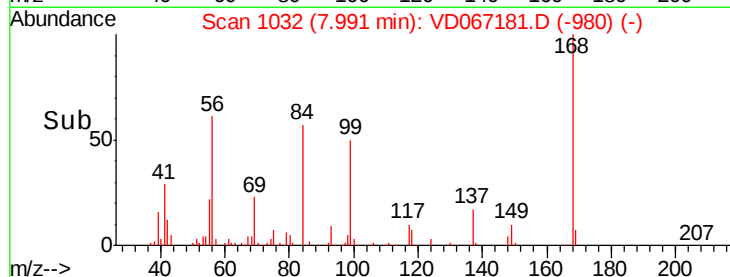
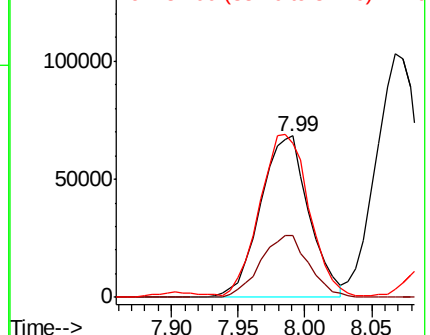
56 100

69 37.9 29.0 43.6

84 92.8 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: 51.671 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

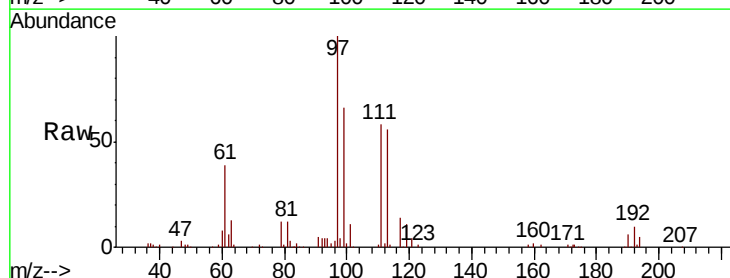
Tgt Ion: 97 Resp: 282316

Ion Ratio Lower Upper

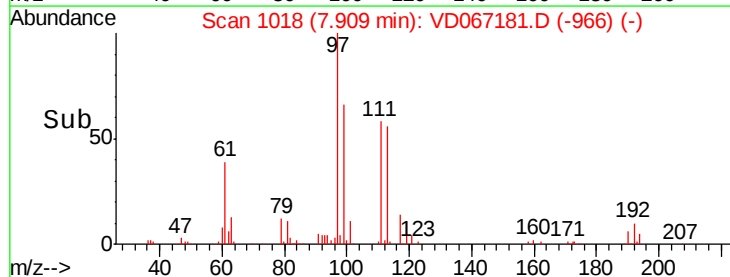
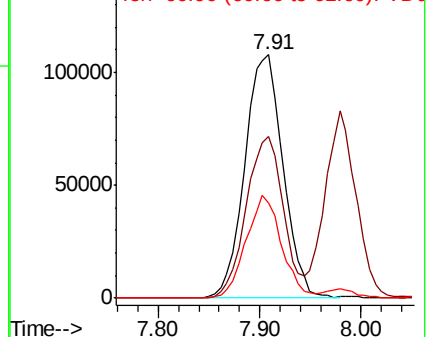
97 100

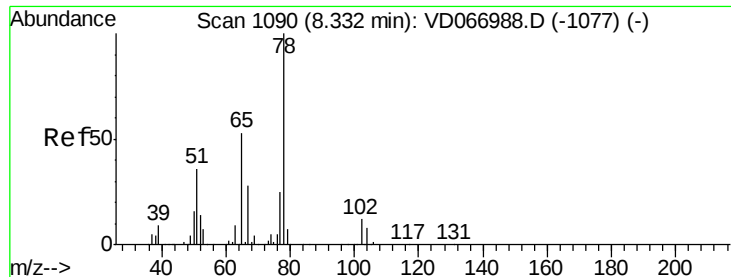
99 64.6 52.6 78.8

61 39.4 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

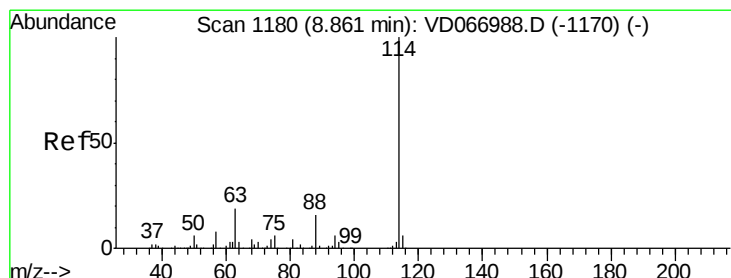
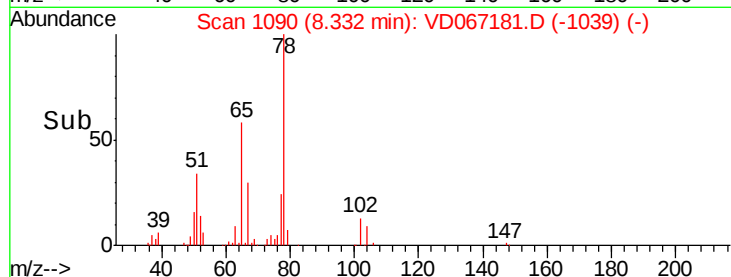
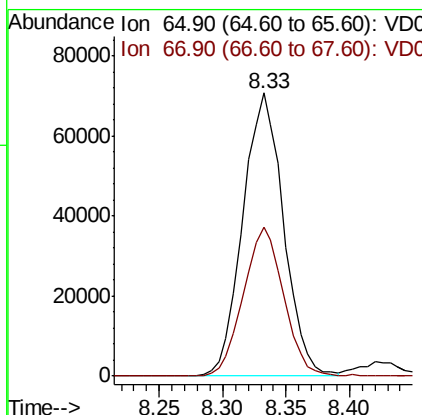
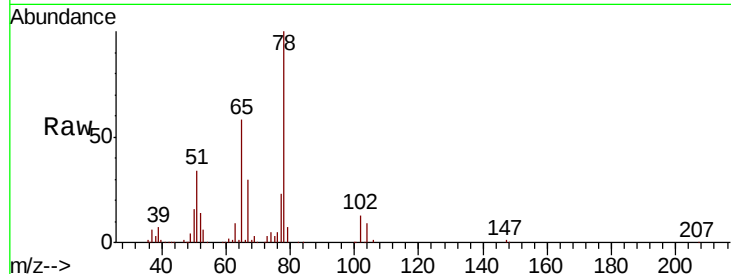




#33
 1,2-Dichloroethane-d4
 Concen: 52.122 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

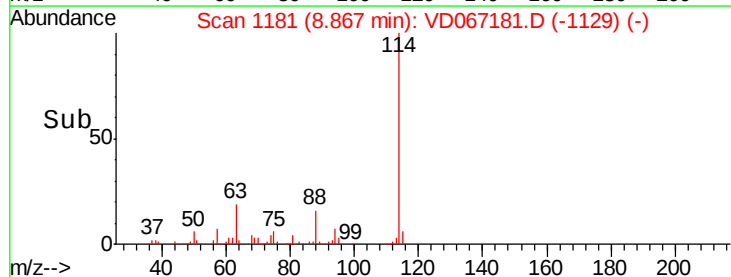
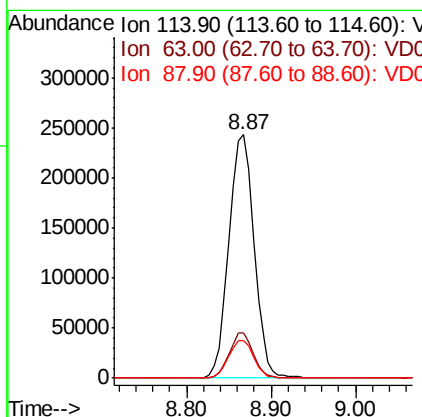
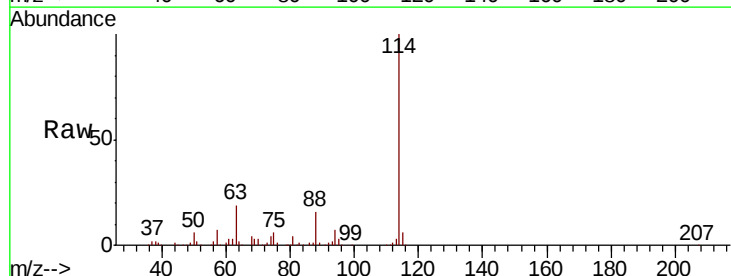
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

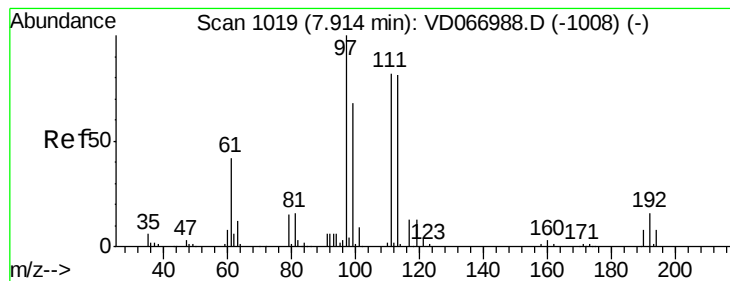
Tot Ion: 65 Resp: 158131
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

Tgt Ion: 114 Resp: 500975
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.645 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

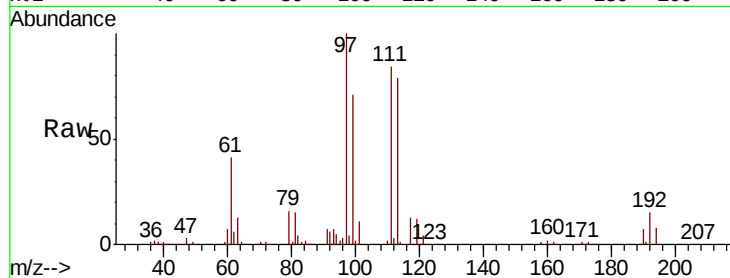
Tot Ion:113 Resp: 169385

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

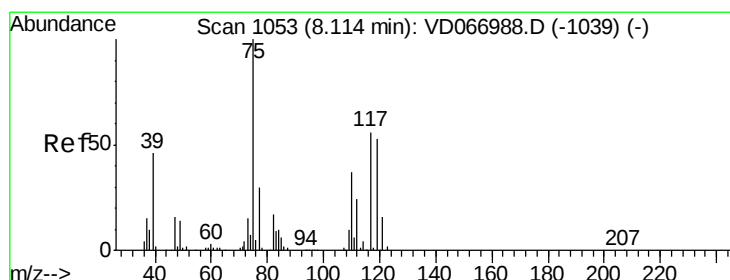
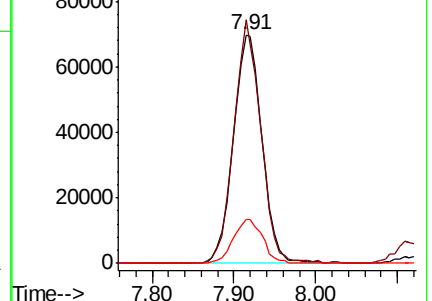
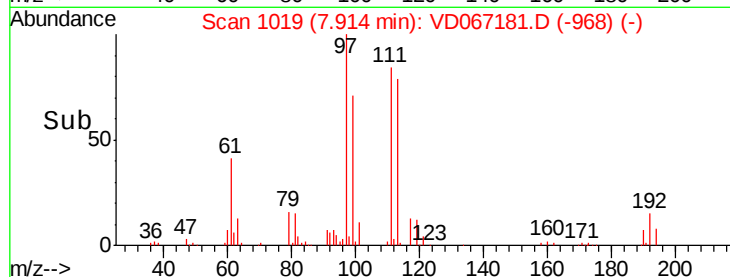
192 19.6 15.5 23.3



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: 45.762 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

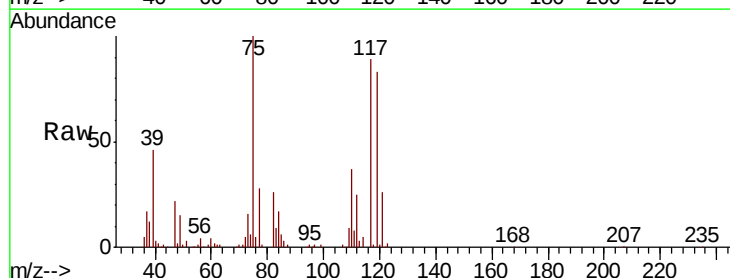
Tgt Ion: 75 Resp: 213691

Ion Ratio Lower Upper

75 100

110 38.5 18.4 55.0

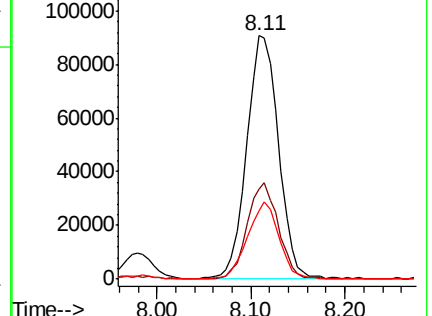
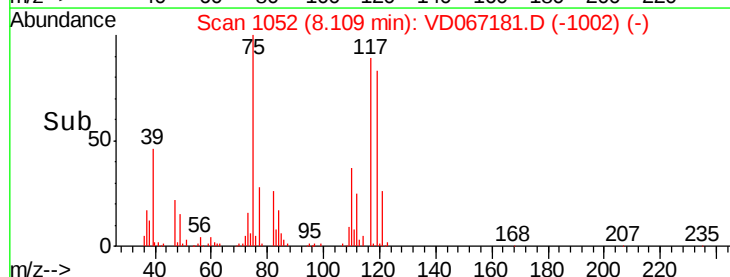
77 31.3 24.8 37.2

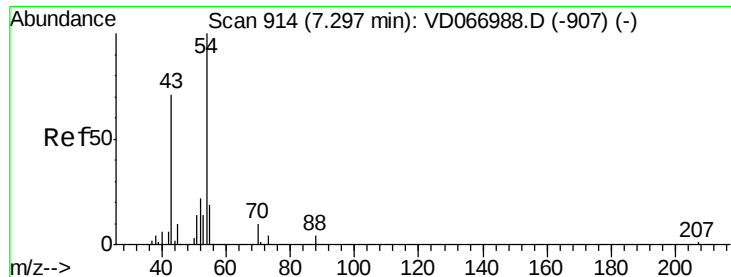


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

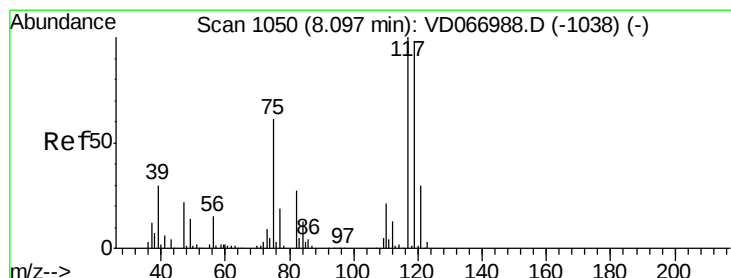
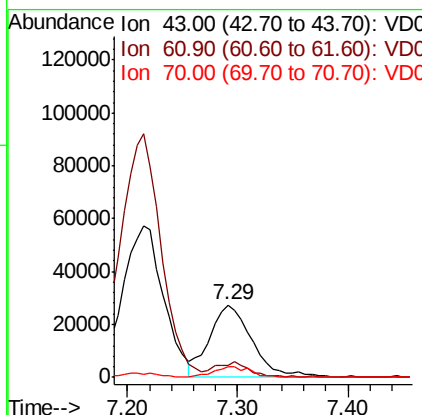
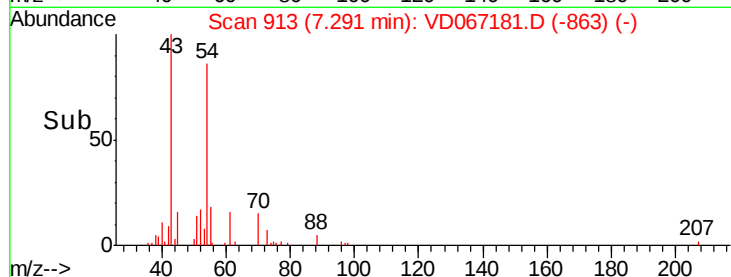
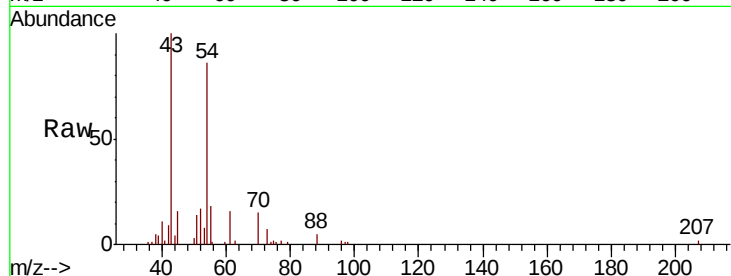




#37
Ethyl Acetate
Concen: 44.555 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

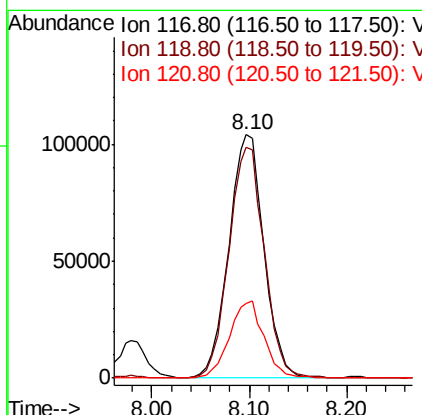
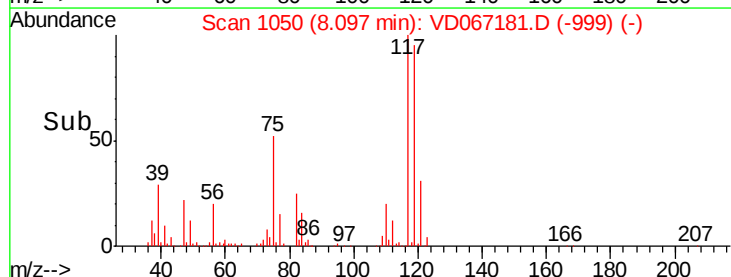
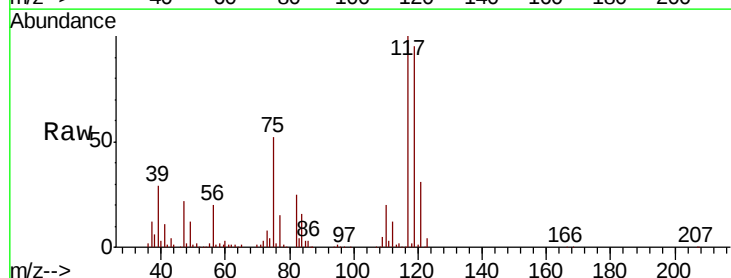
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

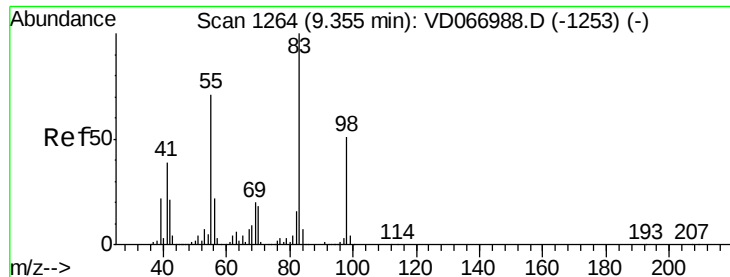
Tot Ion: 43 Resp: 72077
Ion Ratio Lower Upper
43 100
61 17.5 12.5 18.7
70 13.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 51.233 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 117 Resp: 258852
Ion Ratio Lower Upper
117 100
119 94.9 78.7 118.1
121 30.9 24.2 36.2

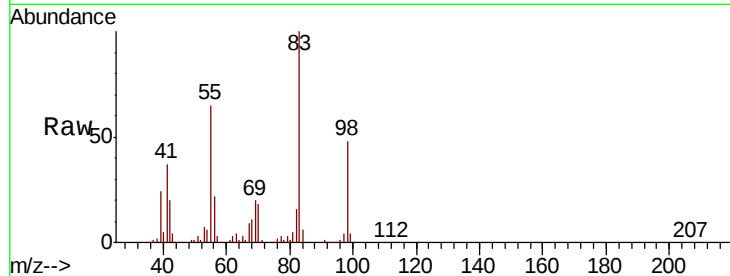




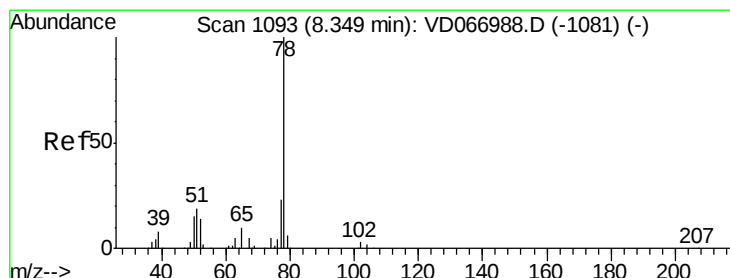
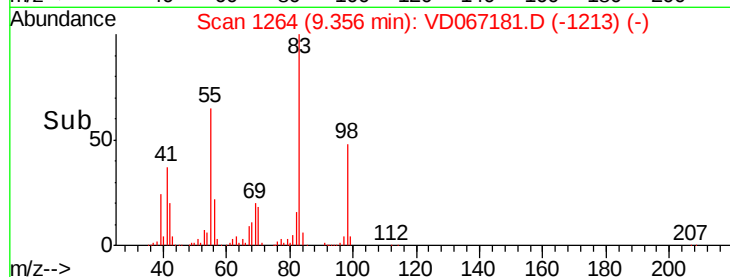
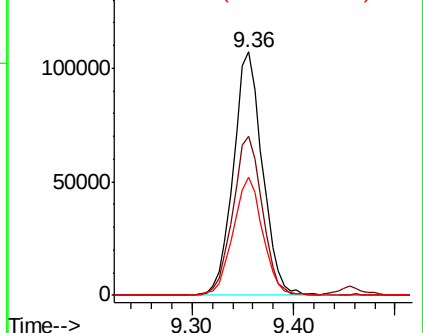
#39
Methvlcvclohexane
Concen: 43.388 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 214204
Ion Ratio Lower Upper
83 100
55 65.3 57.1 85.7
98 48.4 40.9 61.3

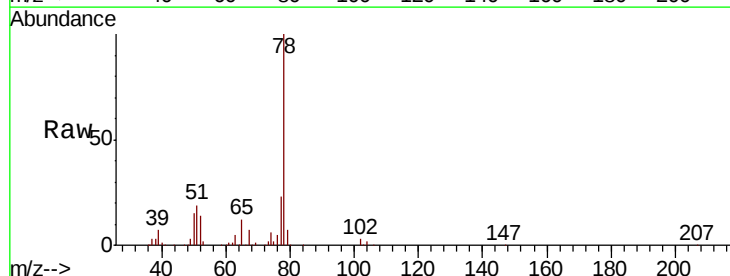


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

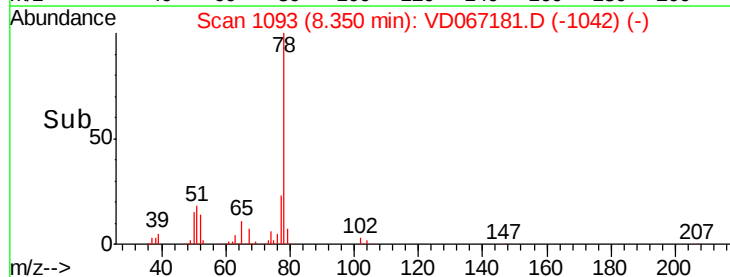
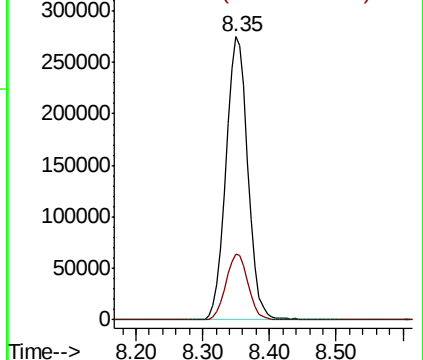


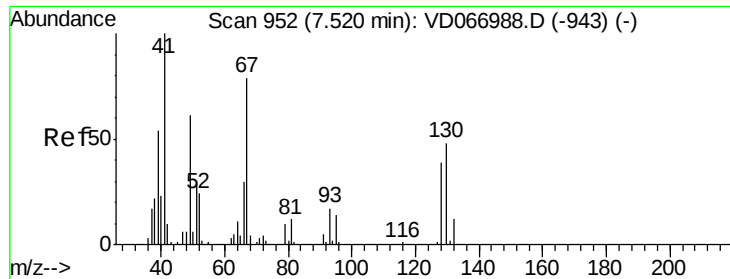
#40
Benzene
Concen: 49.263 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 78 Resp: 638957
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6



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

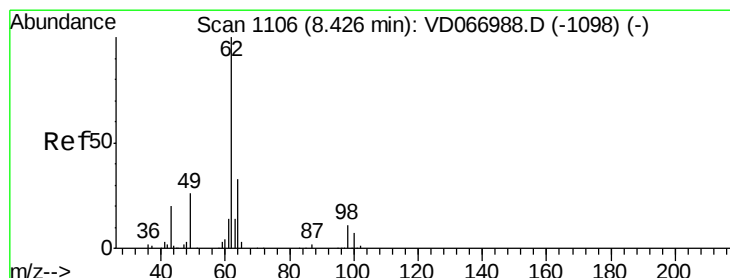
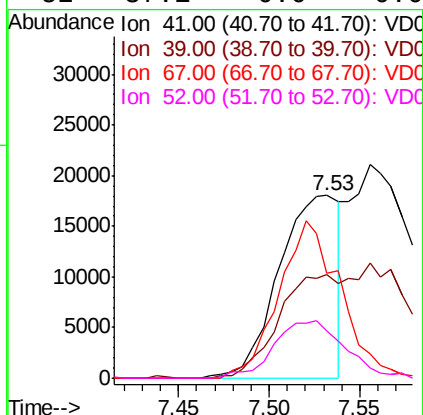
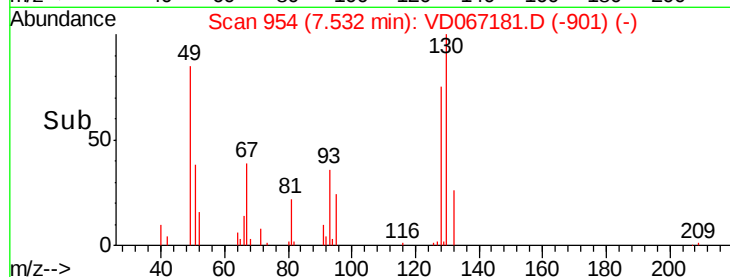
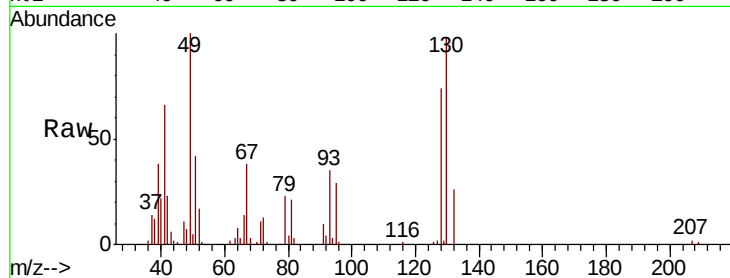




#41
Methacrylonitrile
Concen: 47.899 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

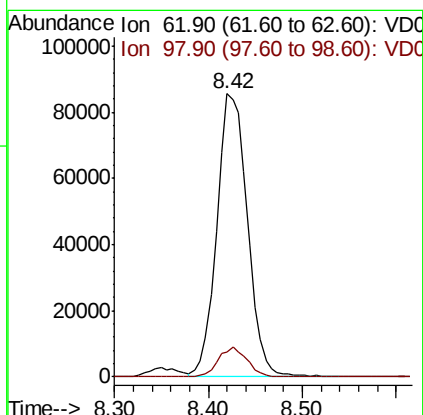
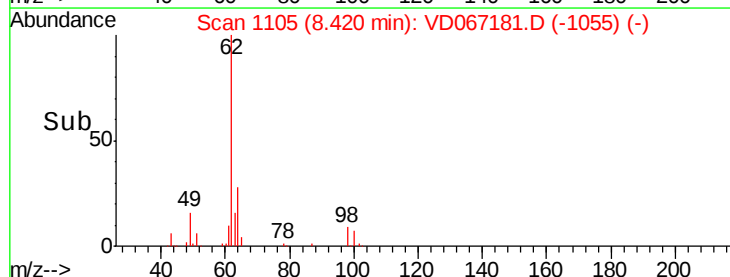
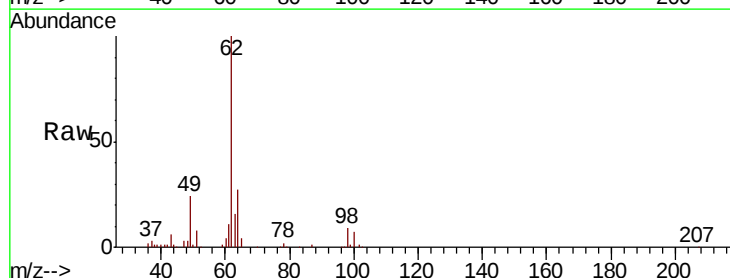
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

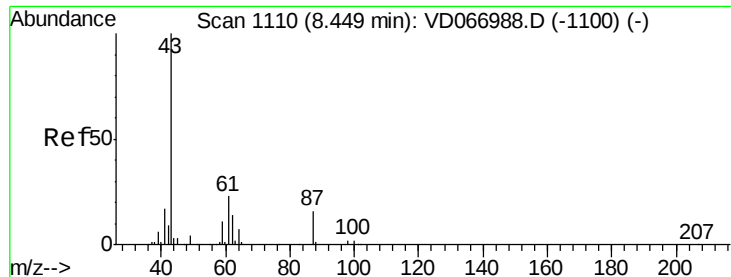
Tot Ion: 41 Resp: 41861
Ion Ratio Lower Upper
41 100
39 56.5 0.0 0.0#
67 88.0 0.0 0.0#
52 37.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 53.672 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 62 Resp: 194524
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.6





#43

Isopropyl Acetate

Concen: 45.709 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

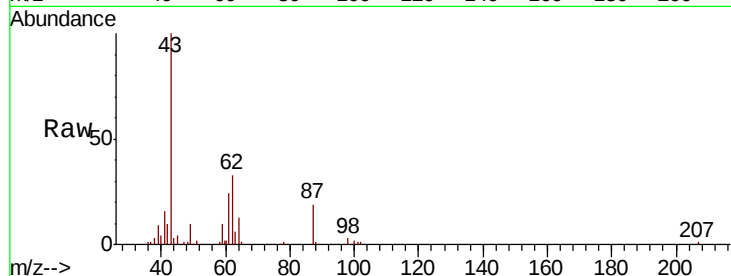
Tot Ion: 43 Resp: 136219

Ion Ratio Lower Upper

43 100

61 36.8 27.1 40.7

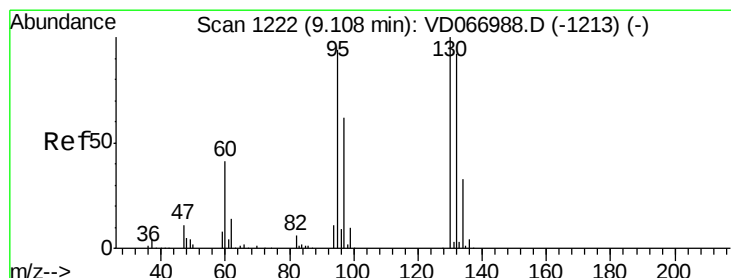
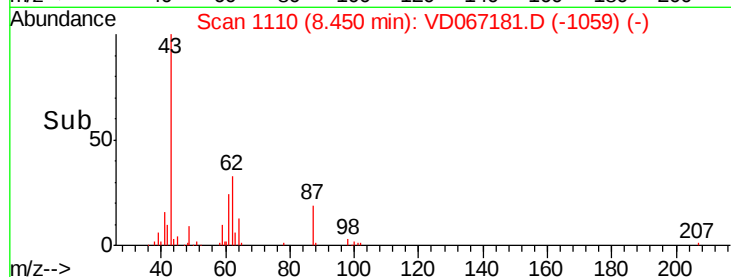
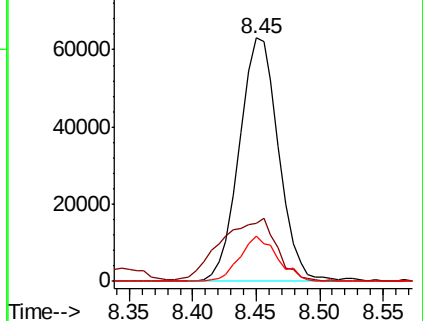
87 17.9 12.3 18.5



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: 50.705 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067181.D

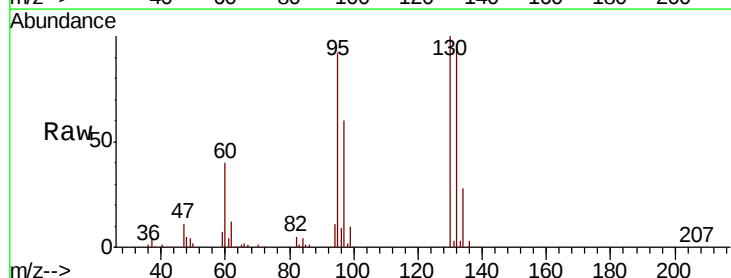
Acq: 08 Oct 2020 05:43

Tgt Ion: 130 Resp: 196383

Ion Ratio Lower Upper

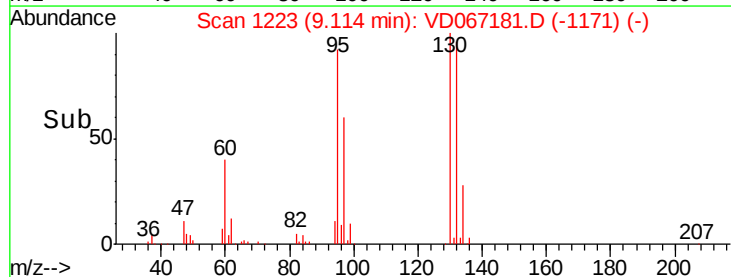
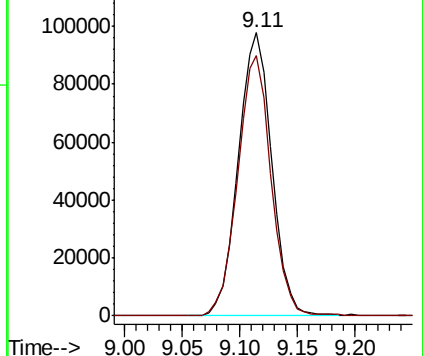
130 100

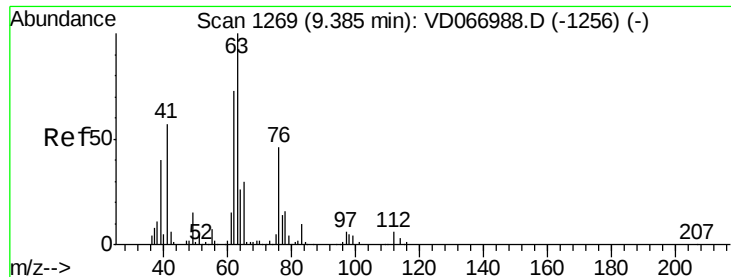
95 92.0 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

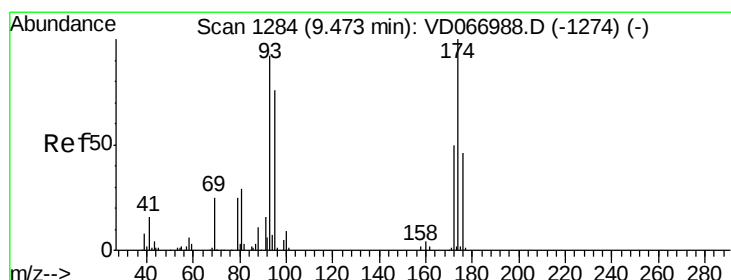
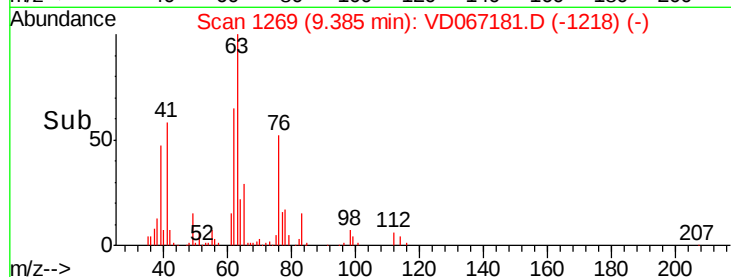
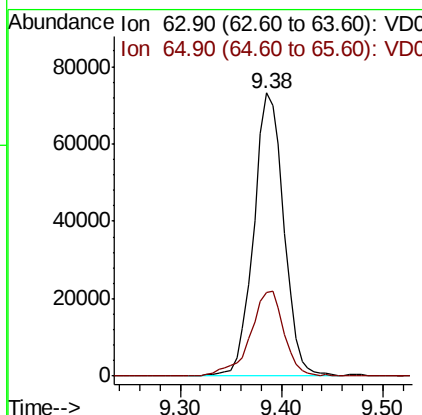
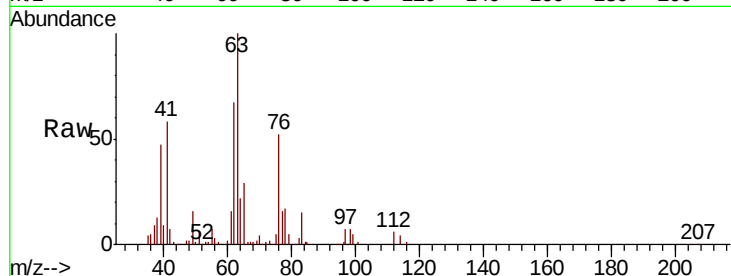




#45
 1,2-Dichloropropane
 Concen: 49.606 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

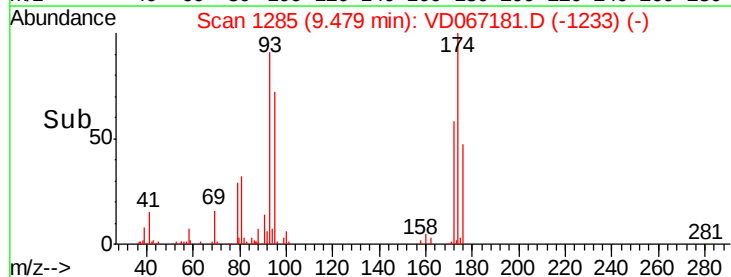
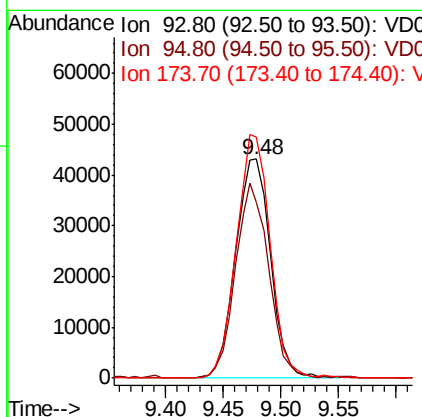
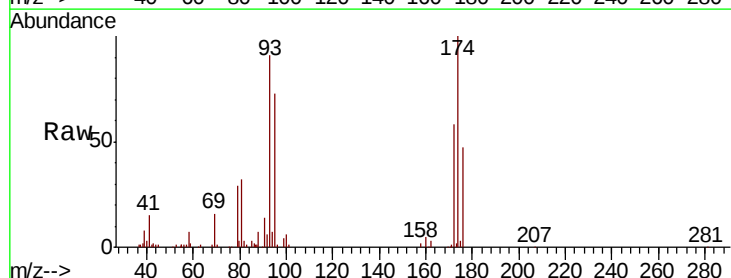
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

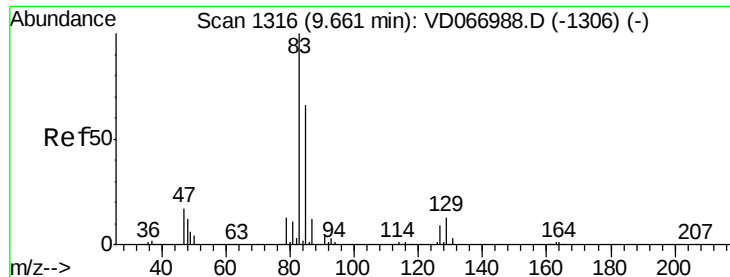
Tot Ion: 63 Resp: 151175
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.7 35.5



#46
 Dibromomethane
 Concen: 51.976 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

Tgt Ion: 93 Resp: 91038
 Ion Ratio Lower Upper
 93 100
 95 84.3 64.7 97.1
 174 107.4 81.4 122.2

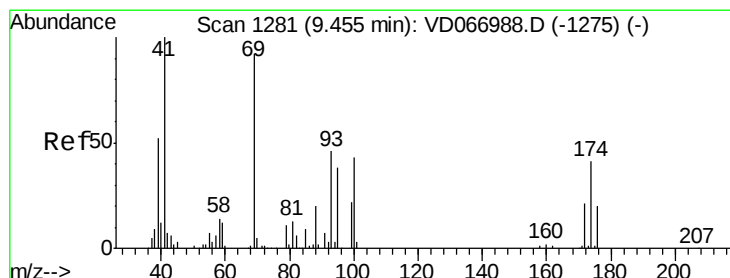
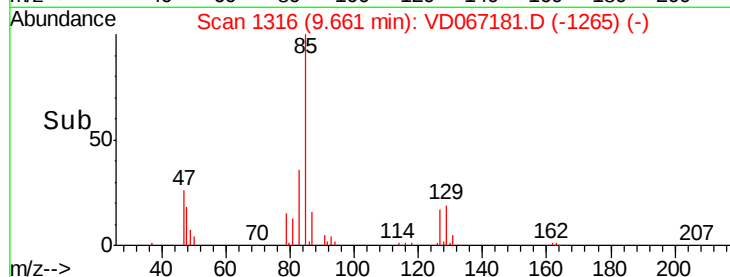
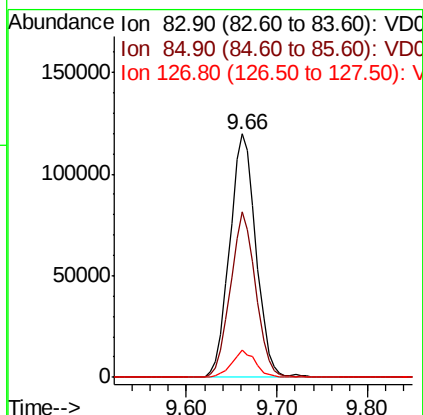
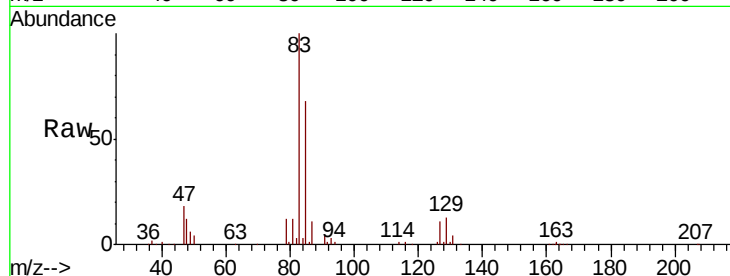




#47
Bromodichloromethane
Concen: 53.050 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

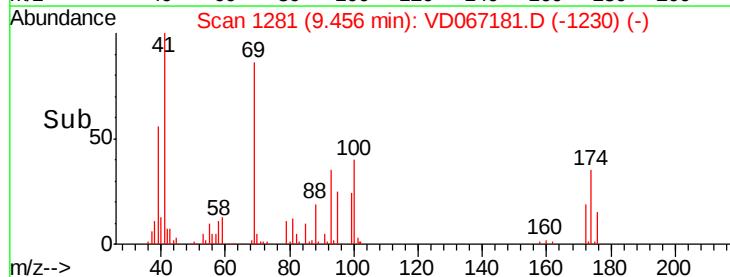
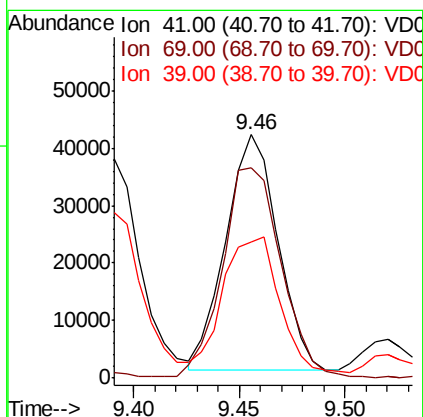
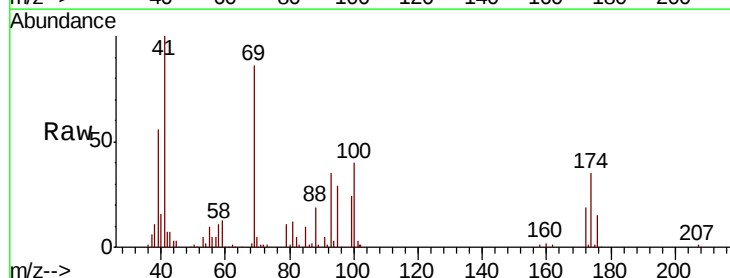
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

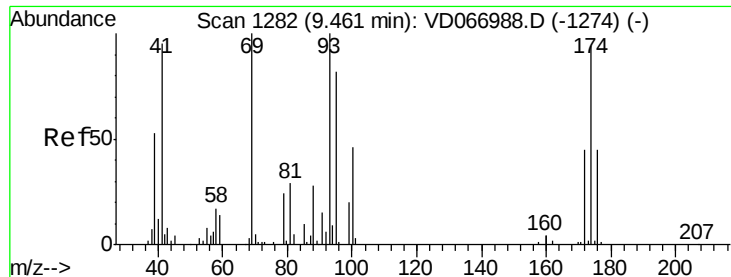
Tot Ion: 83 Resp: 241541
Ion Ratio Lower Upper
83 100
85 68.0 52.9 79.3
127 11.3 7.3 10.9#



#48
Methyl methacrylate
Concen: 45.959 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 41 Resp: 70168
Ion Ratio Lower Upper
41 100
69 101.7 68.5 102.7
39 68.7 40.2 60.2#

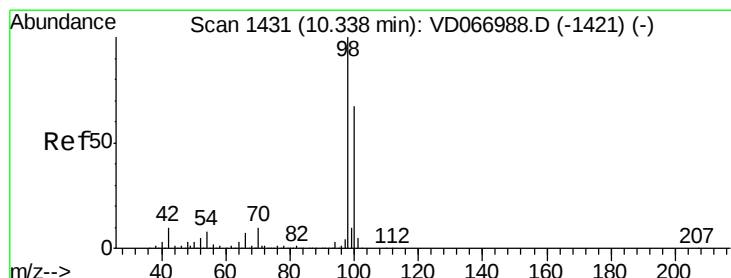
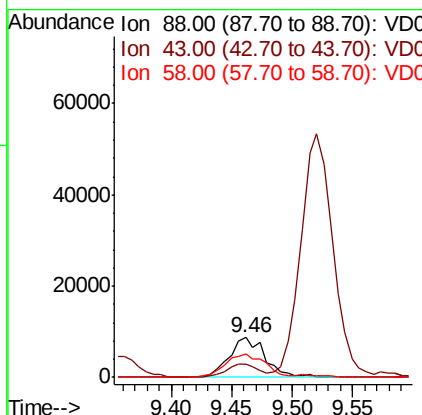
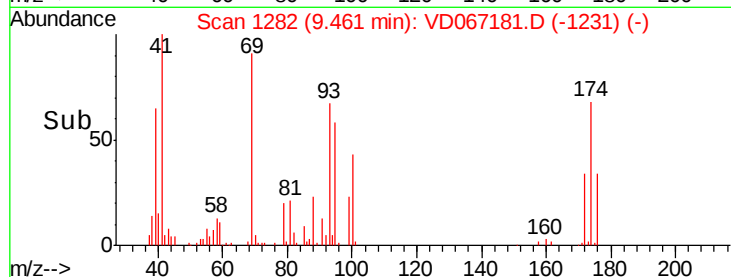
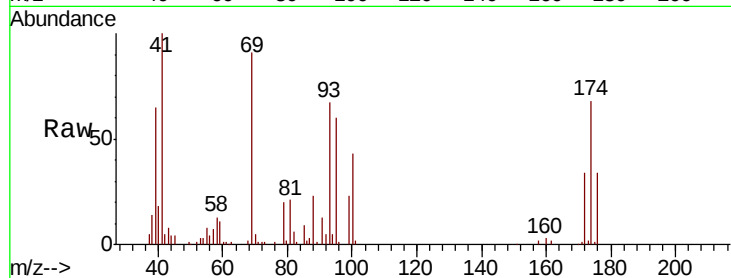




#49
1,4-Dioxane
Concen: 1009.375 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

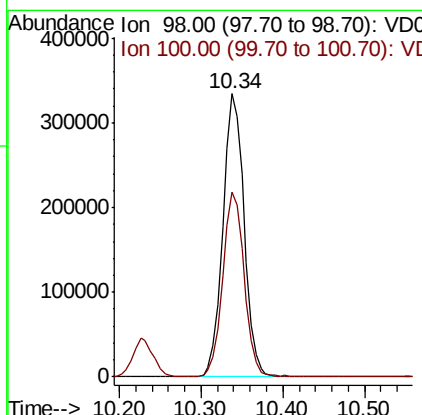
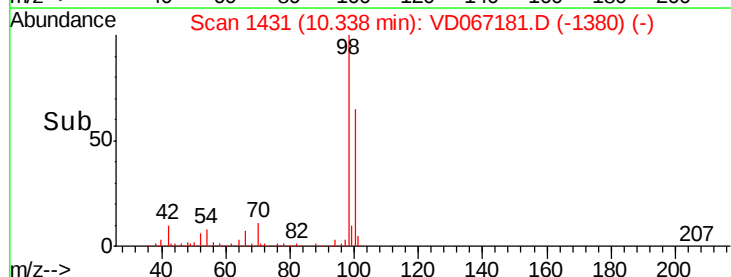
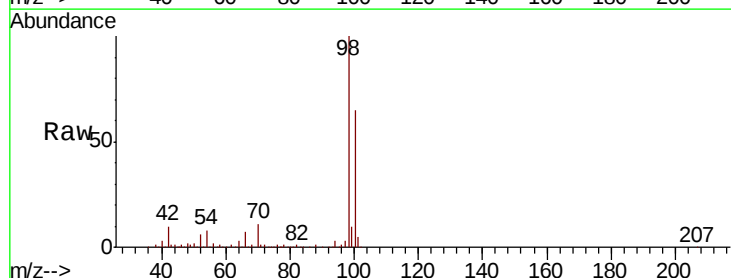
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

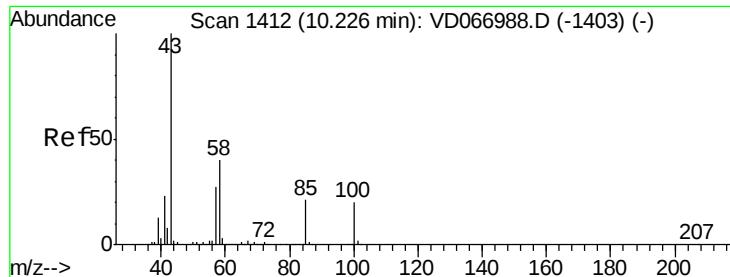
Tot Ion: 88 Resp: 18452
Ion Ratio Lower Upper
88 100
43 29.6 25.6 38.4
58 63.3 53.5 80.3



#50
Toluene-d8
Concen: 50.558 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 98 Resp: 604225
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 245.486 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

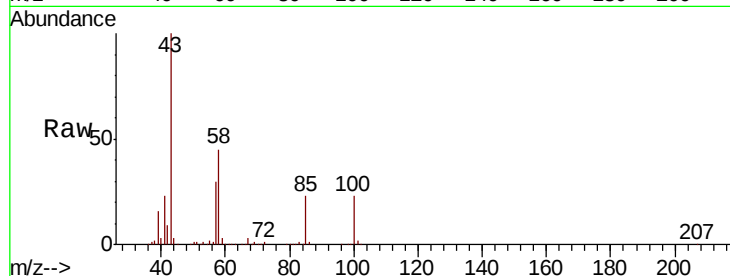
VSTDCCC050EC

Tot Ion: 43 Resp: 364400

Ion Ratio Lower Upper

43 100

58 43.1 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

200000

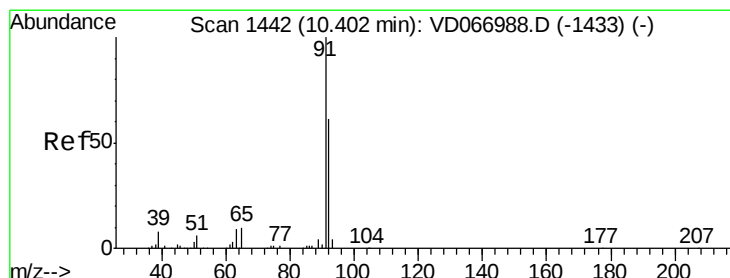
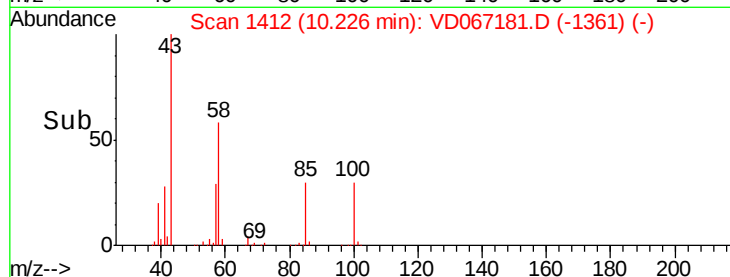
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 53.221 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067181.D

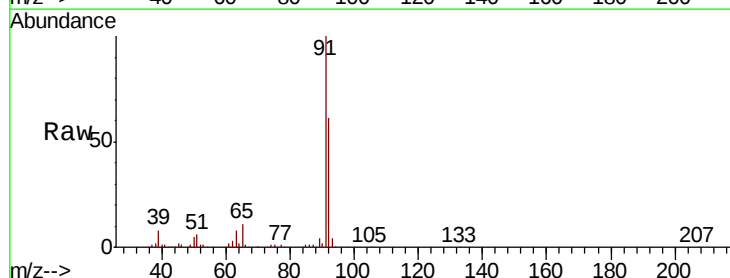
Acq: 08 Oct 2020 05:43

Tgt Ion: 92 Resp: 444660

Ion Ratio Lower Upper

92 100

91 165.4 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

400000

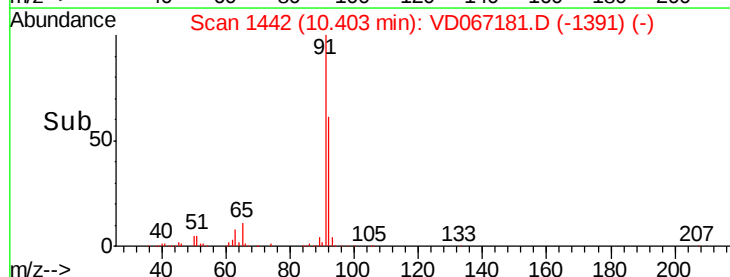
300000

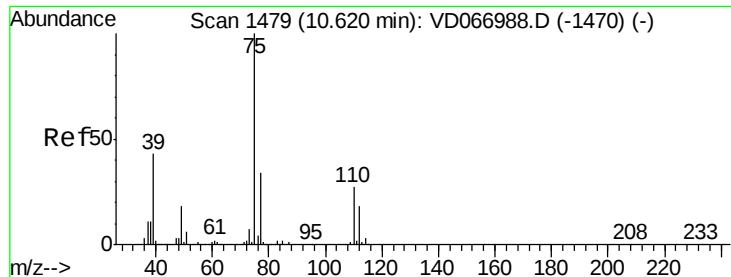
200000

100000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 52.299 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

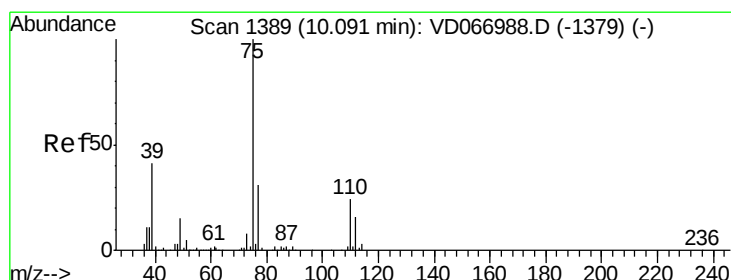
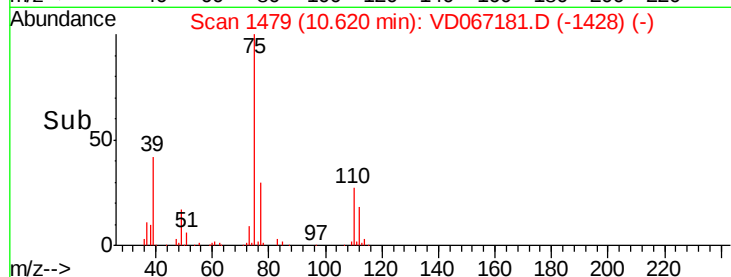
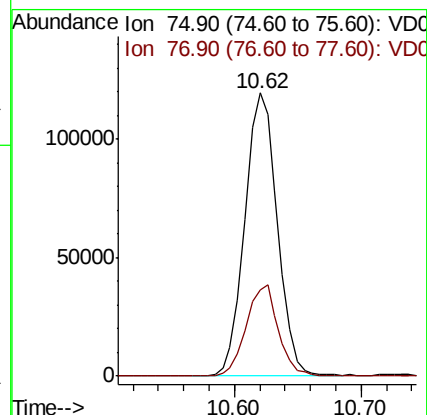
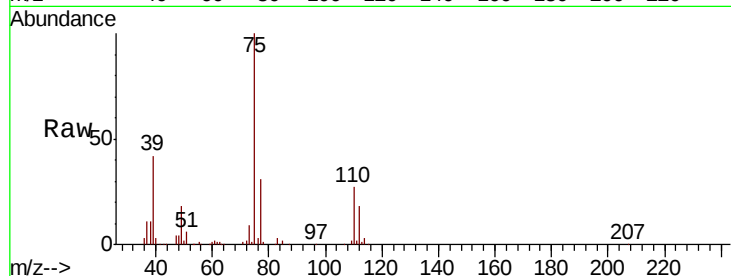
VSTDCCC050EC

Tot Ion: 75 Resp: 212815

Ion Ratio Lower Upper

75 100

77 30.6 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 50.424 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

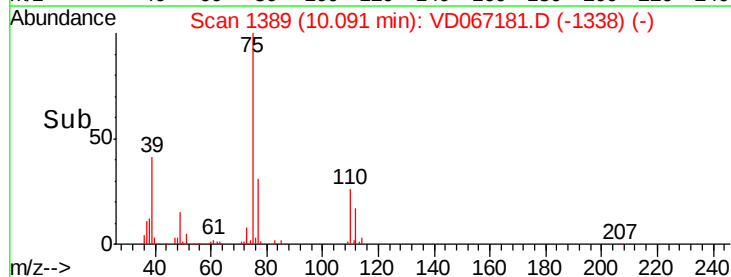
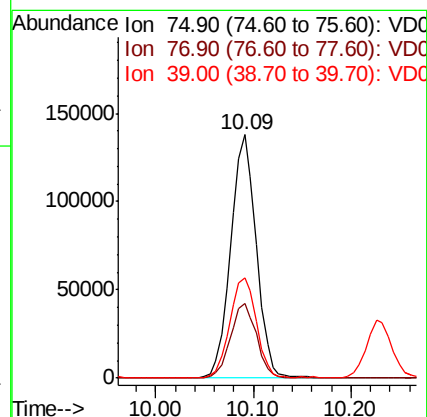
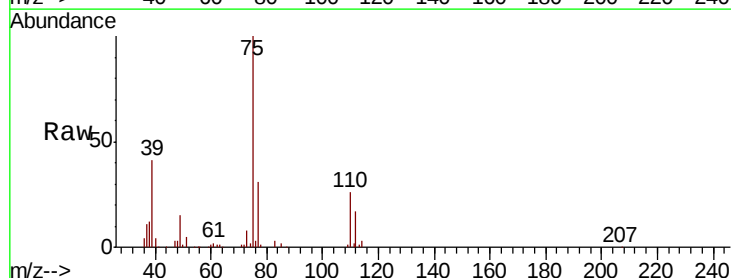
Tgt Ion: 75 Resp: 250553

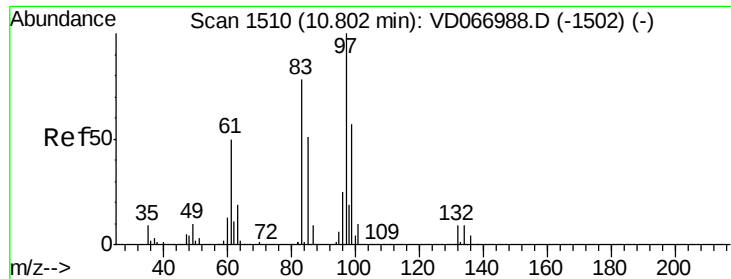
Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

39 41.4 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 51.187 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 124650

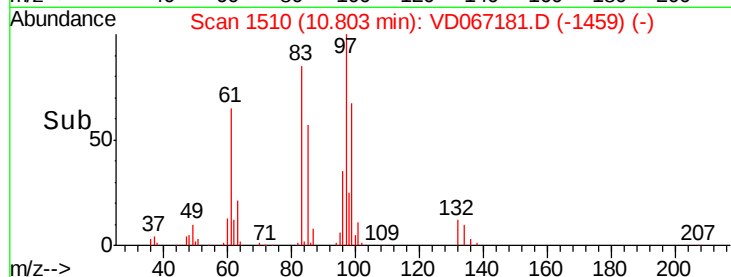
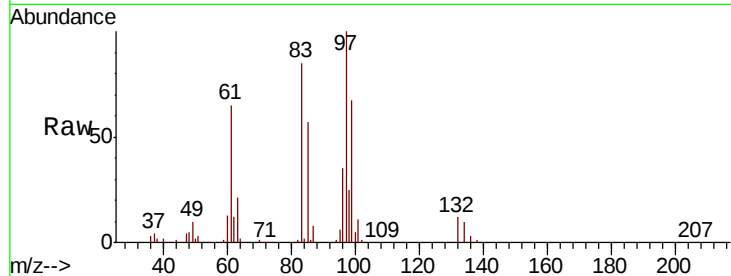
Ion	Ratio	Lower	Upper
97	100		
83	84.9	62.4	93.6
85	57.0	41.0	61.4
99	66.8	45.9	68.9

97 100

83 84.9 62.4 93.6

85 57.0 41.0 61.4

99 66.8 45.9 68.9

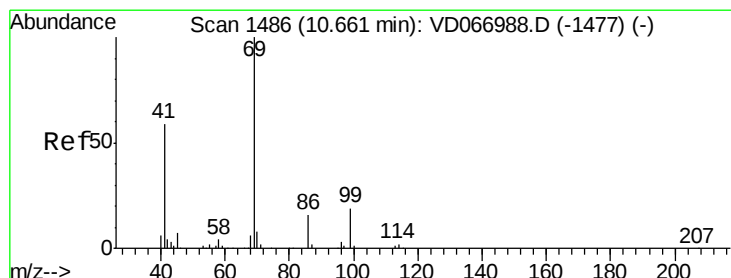
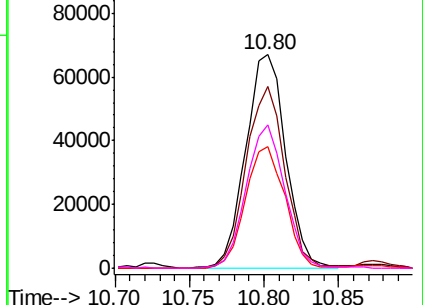


Abundance Ion 96.90 (96.60 to 97.60): VDC

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



#56

Ethyl methacrylate

Concen: 55.998 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

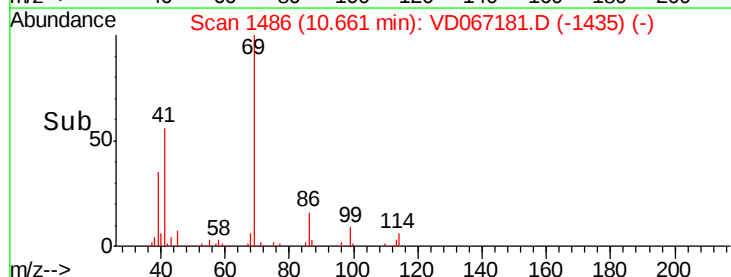
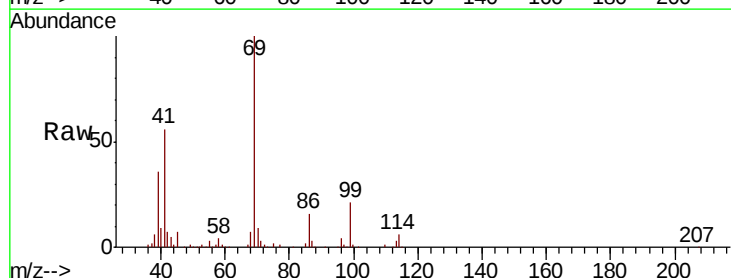
Tgt Ion: 69 Resp: 140788

Ion	Ratio	Lower	Upper
69	100		
41	56.6	46.4	69.6
39	32.0	23.8	35.6

69 100

41 56.6 46.4 69.6

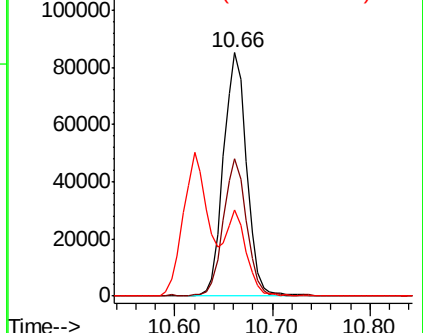
39 32.0 23.8 35.6

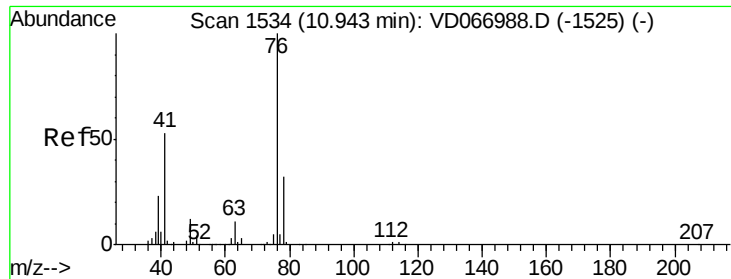


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.754 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

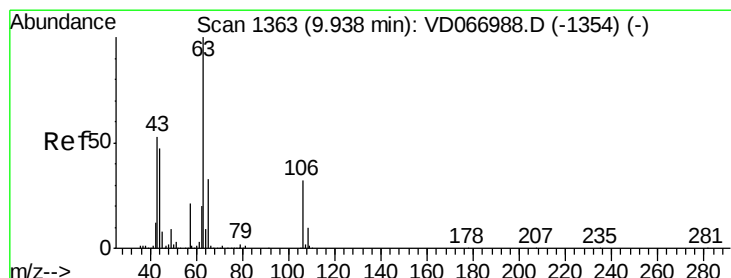
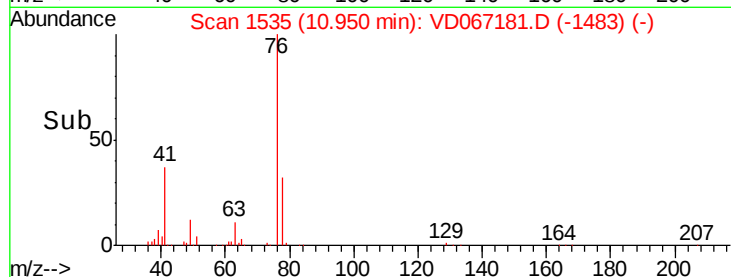
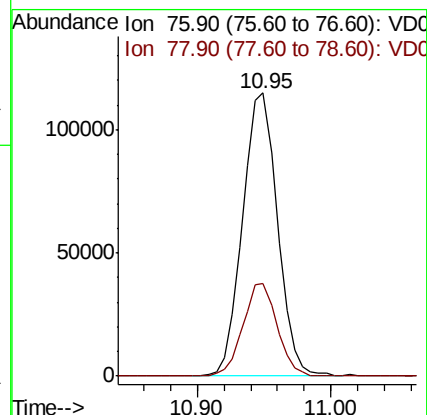
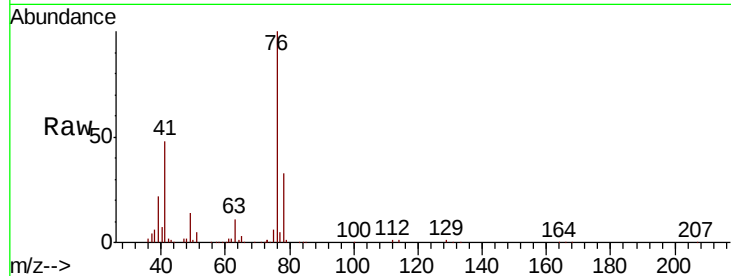
VSTDCCC050EC

Tot Ion: 76 Resp: 208320

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.442 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067181.D

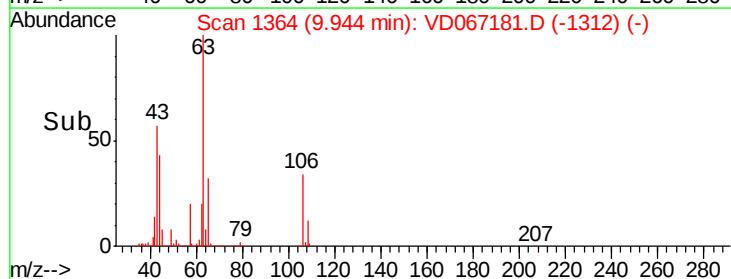
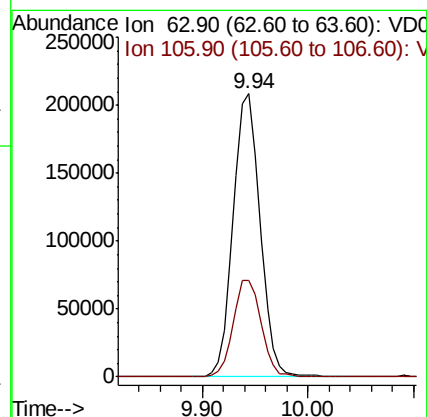
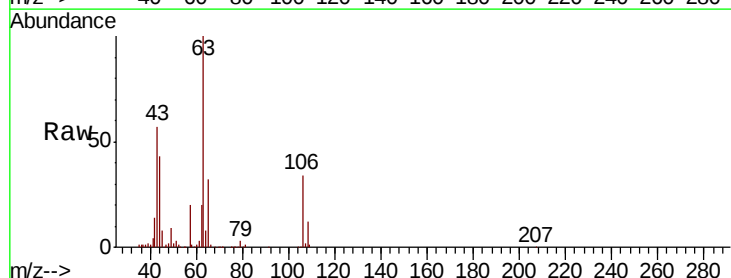
Acq: 08 Oct 2020 05:43

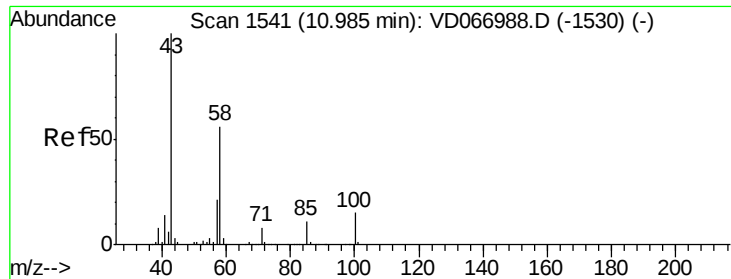
Tgt Ion: 63 Resp: 367250

Ion Ratio Lower Upper

63 100

106 35.3 25.3 37.9

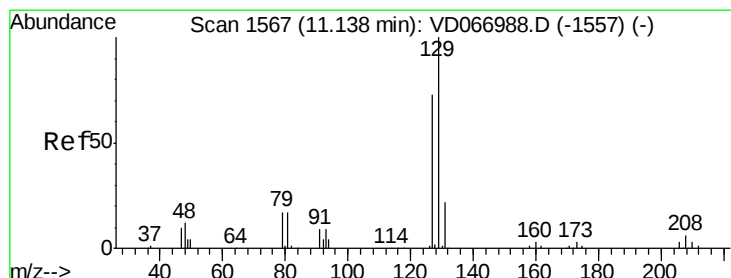
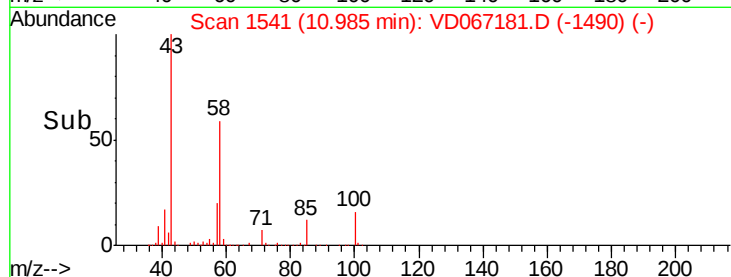
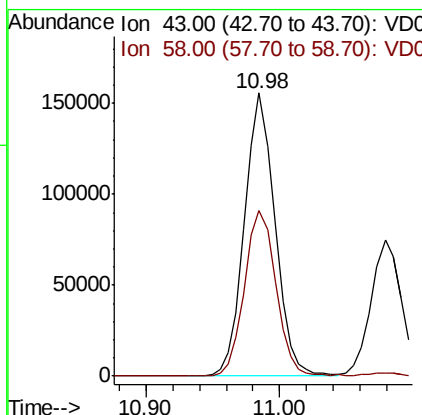
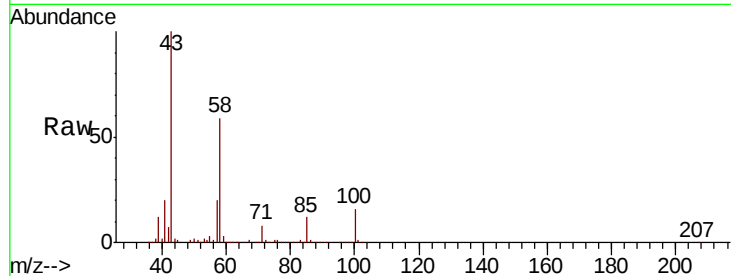




#59
2-Hexanone
Concen: 248.574 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

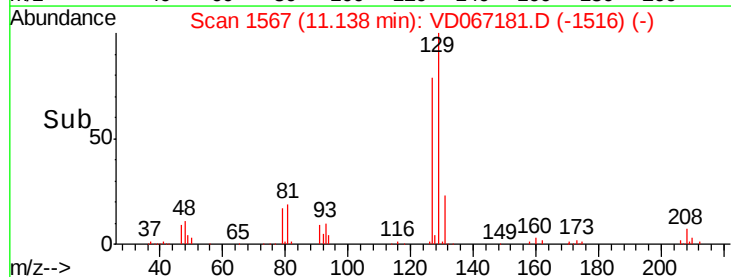
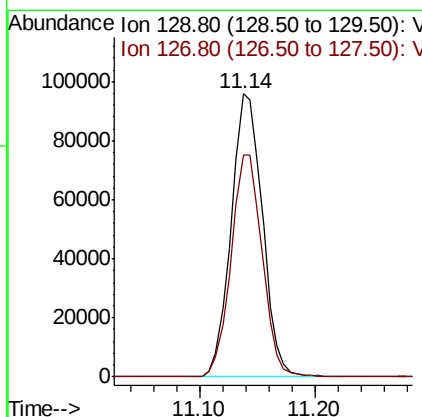
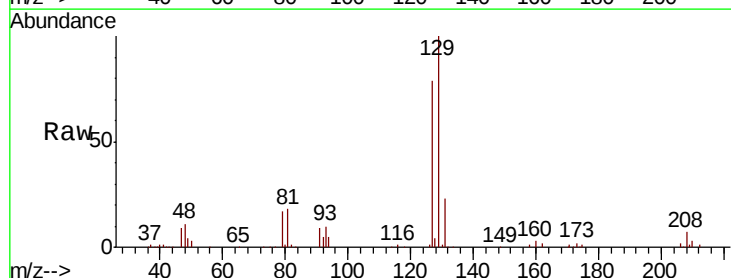
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

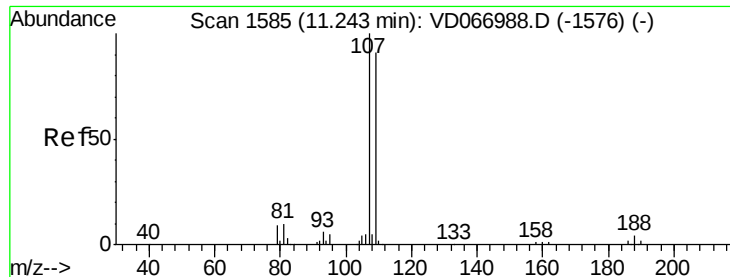
Tot Ion: 43 Resp: 246275
Ion Ratio Lower Upper
43 100
58 60.4 28.3 84.9



#60
Dibromochloromethane
Concen: 55.321 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 129 Resp: 179554
Ion Ratio Lower Upper
129 100
127 78.2 37.4 112.1

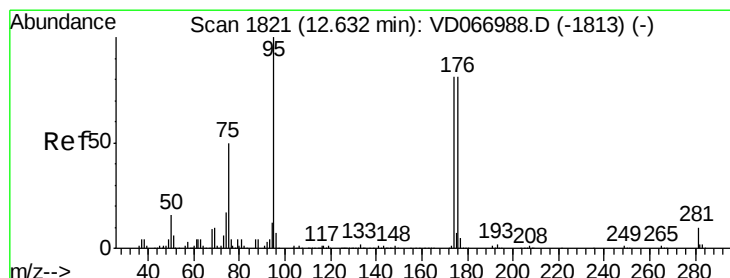
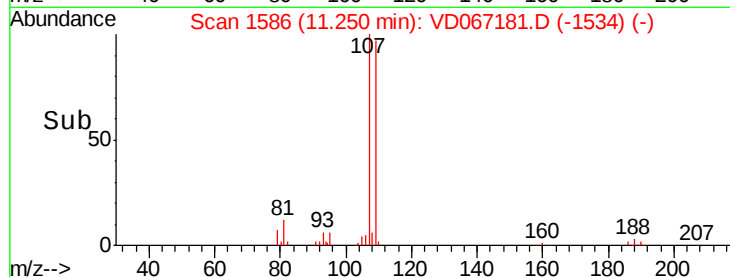
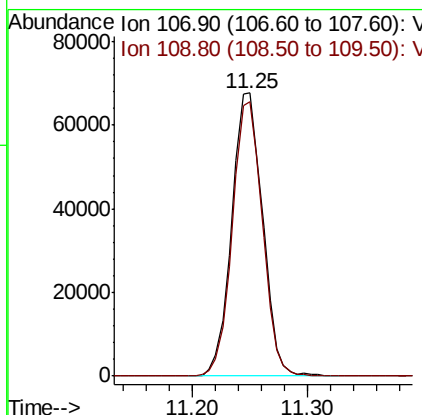
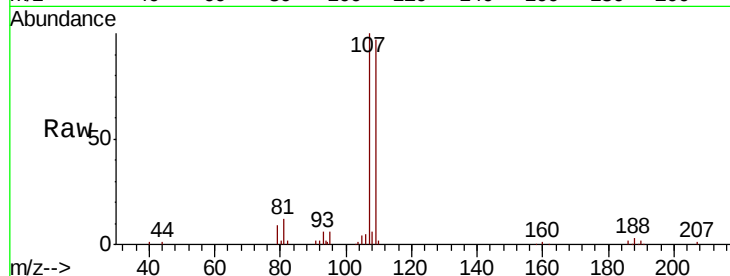




#61
 1,2-Dibromoethane
 Concen: 53.542 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

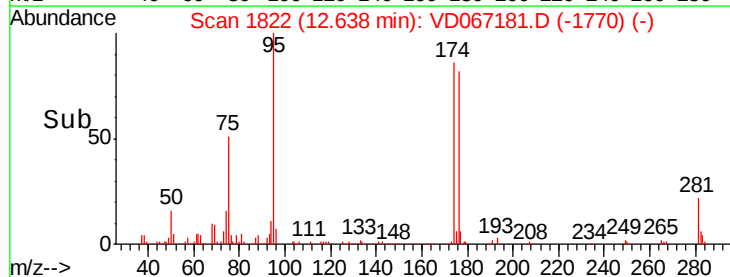
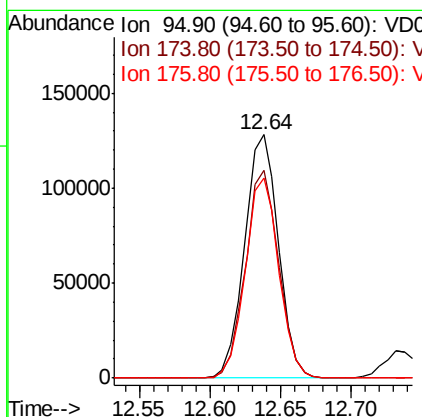
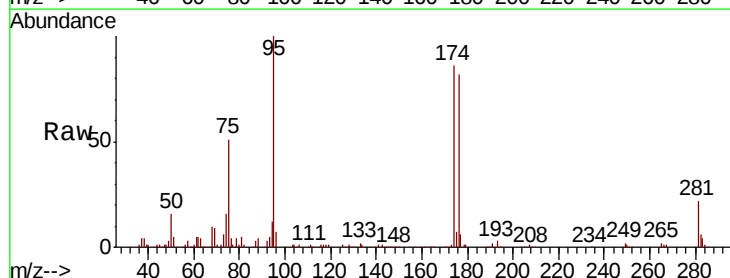
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

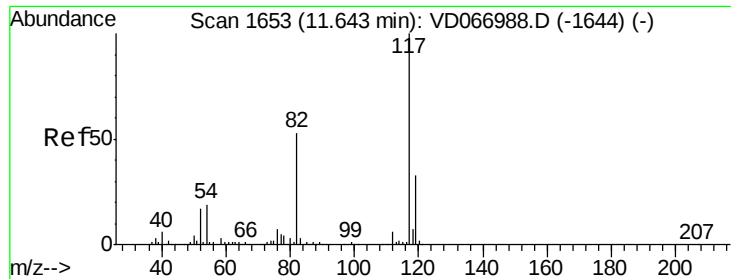
Tot Ion:107 Resp: 125263
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.019 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

Tgt Ion: 95 Resp: 215104
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 167.6
 176 81.4 0.0 162.4

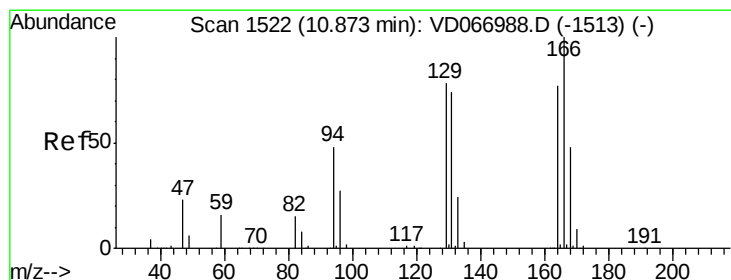
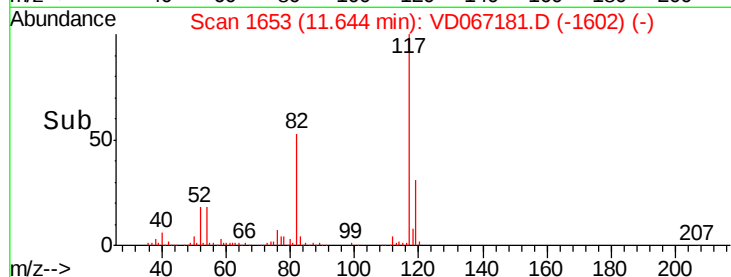
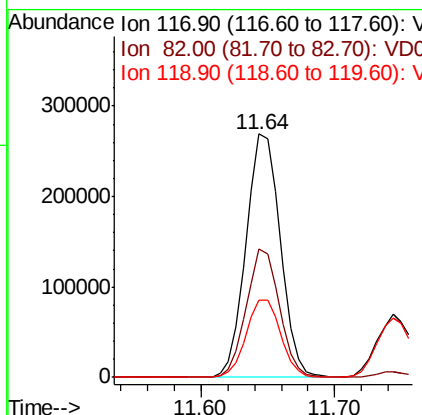
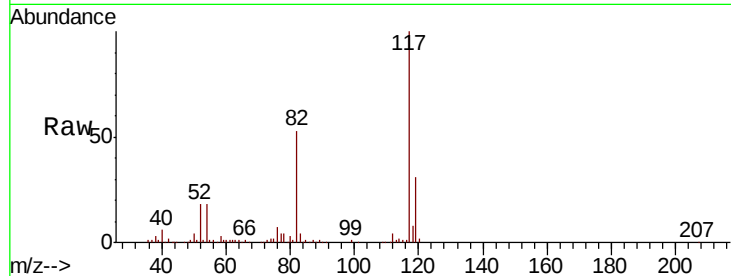




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

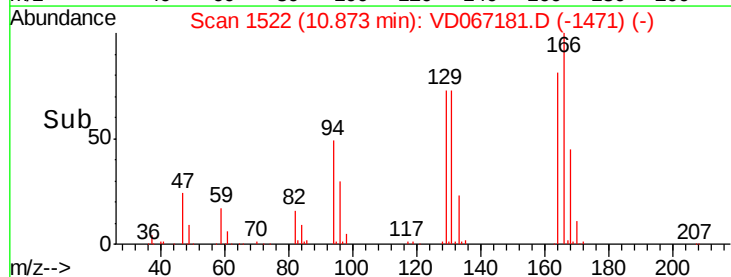
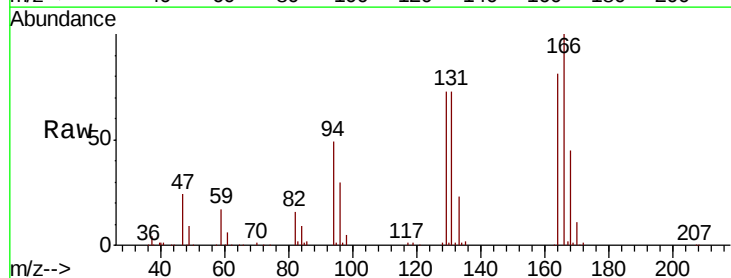
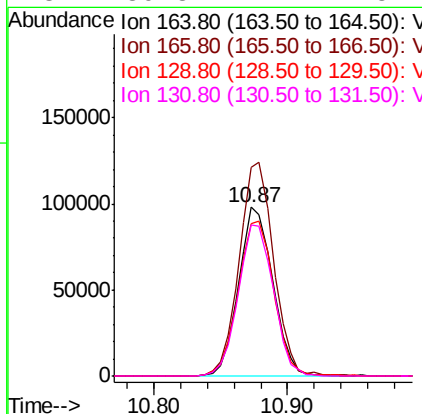
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

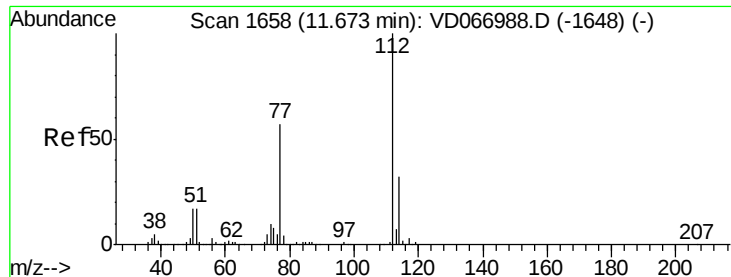
Tot Ion:117 Resp: 478213
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 50.075 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion:164 Resp: 174093
Ion Ratio Lower Upper
164 100
166 123.6 104.4 156.6
129 90.1 81.3 121.9
131 89.8 77.1 115.7

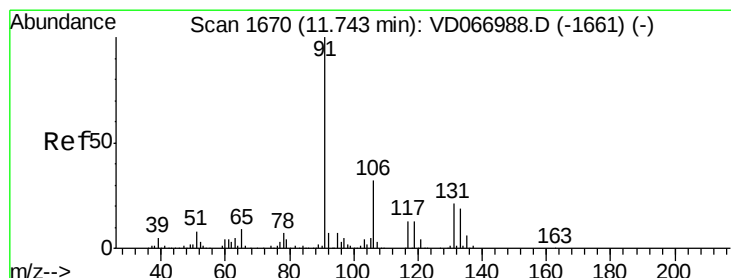
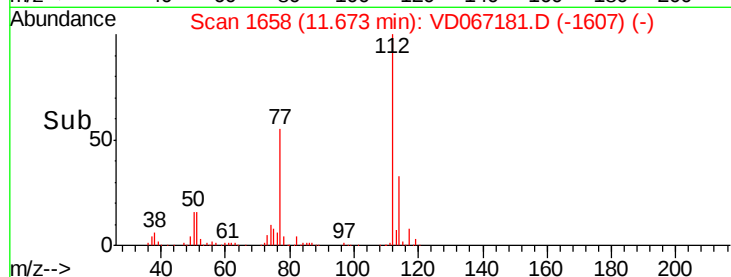
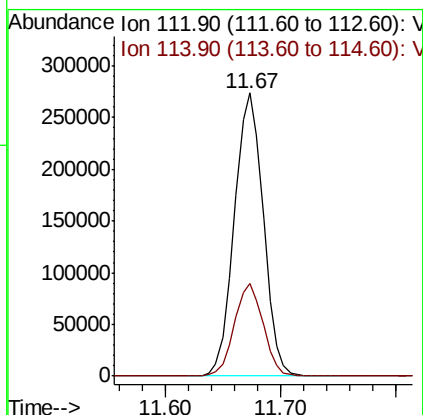
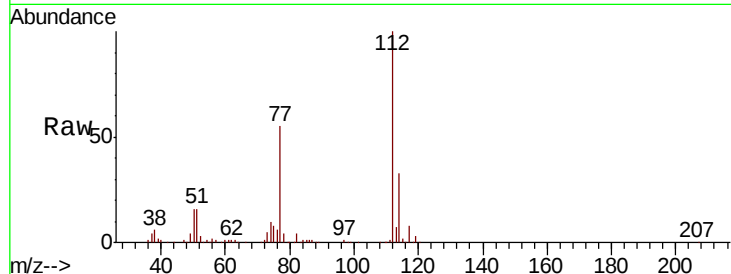




#65
Chlorobenzene
Concen: 49.956 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

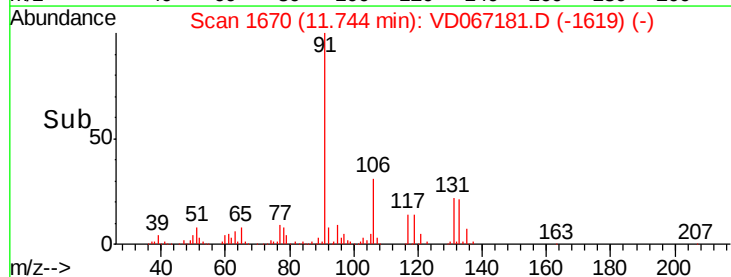
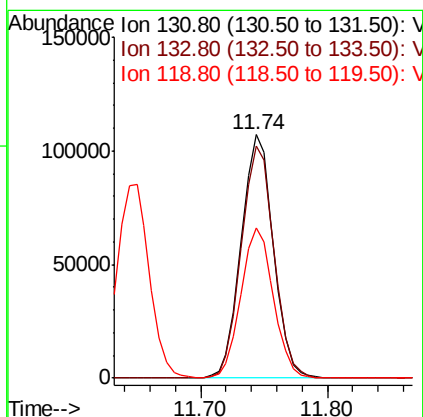
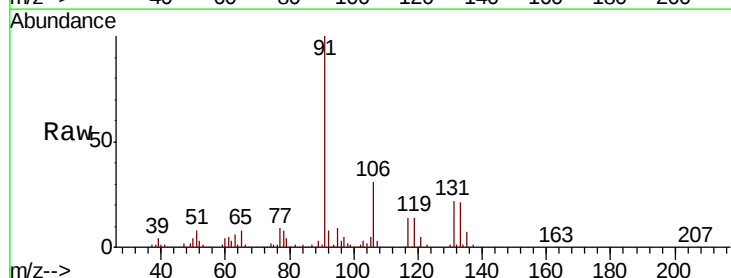
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

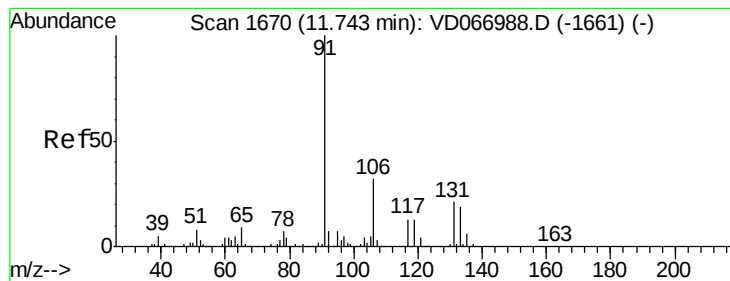
Tot Ion:112 Resp: 475130
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.313 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion:131 Resp: 189262
Ion Ratio Lower Upper
131 100
133 96.9 47.8 143.3
119 62.0 32.3 96.8





#67

Ethyl Benzene

Concen: 50.887 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

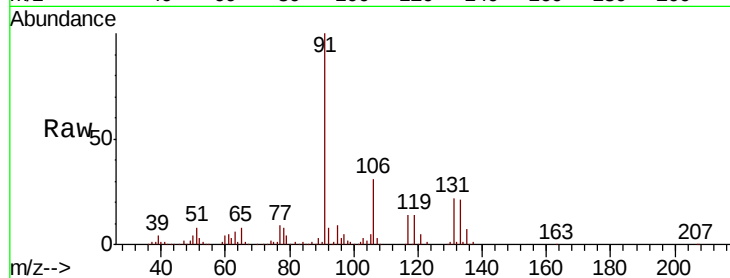
VSTDCCC050EC

Tot Ion: 91 Resp: 829262

Ion Ratio Lower Upper

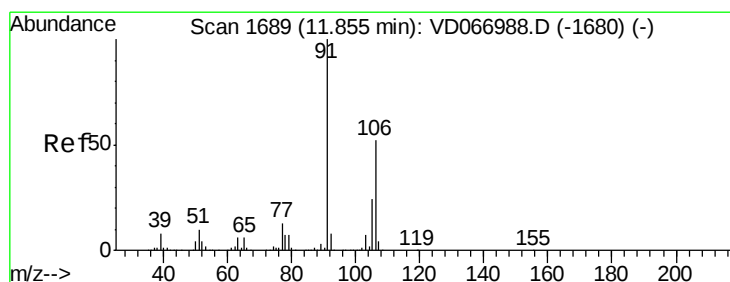
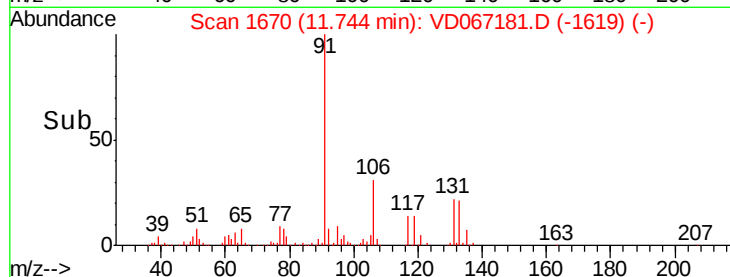
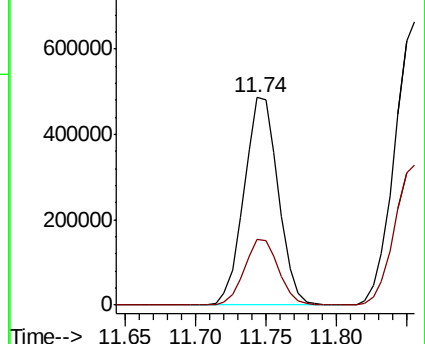
91 100

106 31.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 100.526 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067181.D

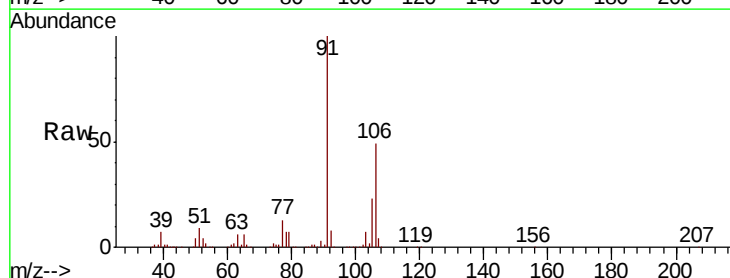
Acq: 08 Oct 2020 05:43

Tgt Ion: 106 Resp: 638428

Ion Ratio Lower Upper

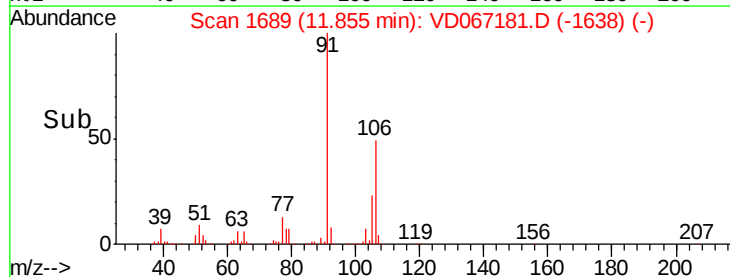
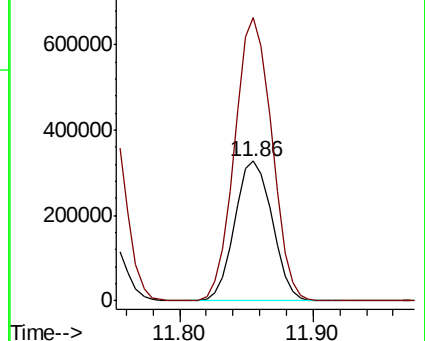
106 100

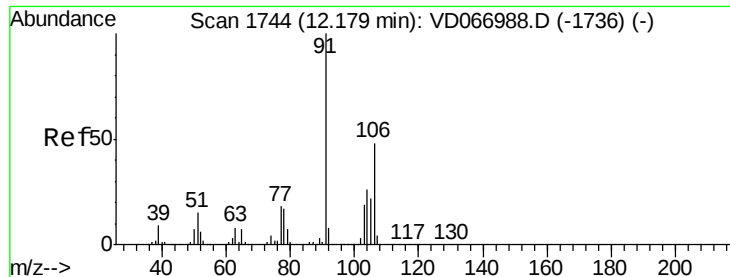
91 200.6 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

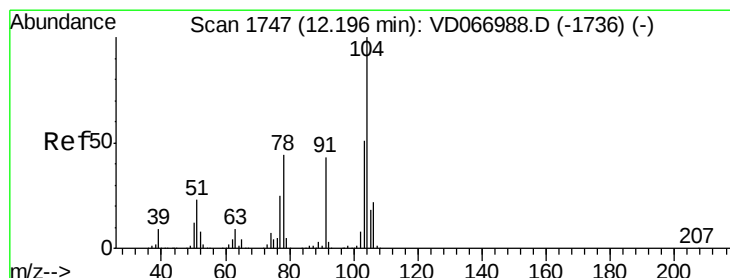
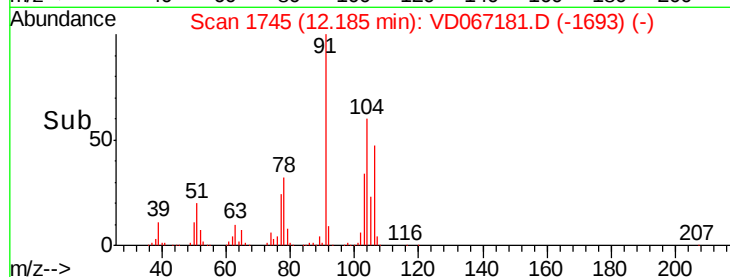
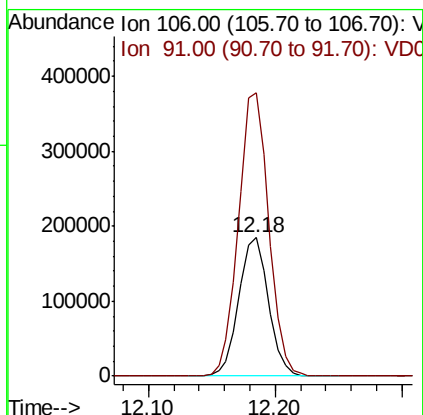
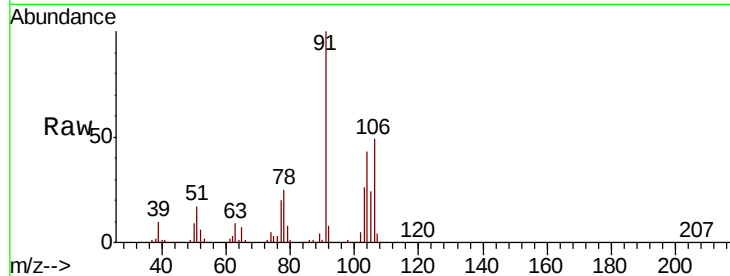




#69
o-Xylene
Concen: 52.641 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

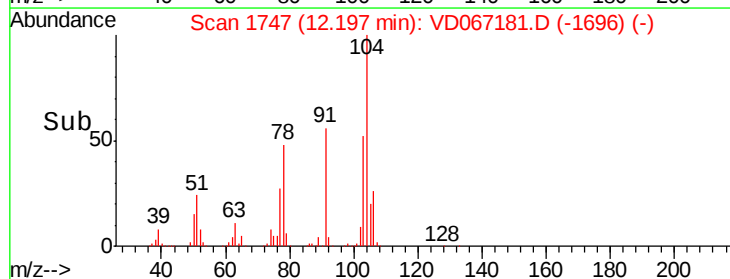
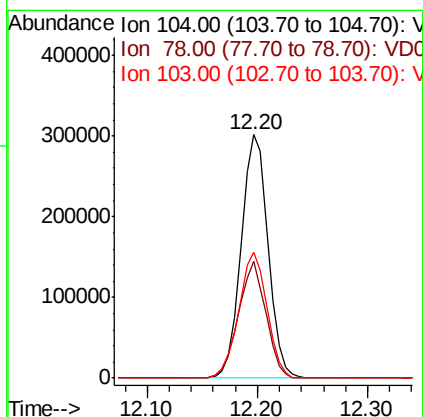
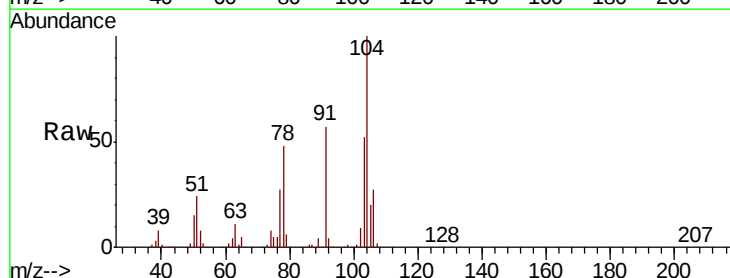
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

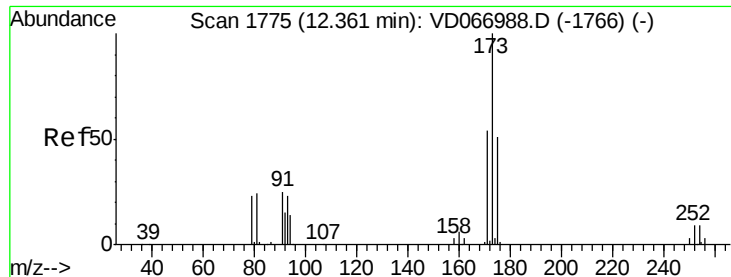
Tot Ion:106 Resp: 298963
Ion Ratio Lower Upper
106 100
91 209.7 102.4 307.2



#70
Styrene
Concen: 52.969 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion:104 Resp: 516566
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 55.957 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

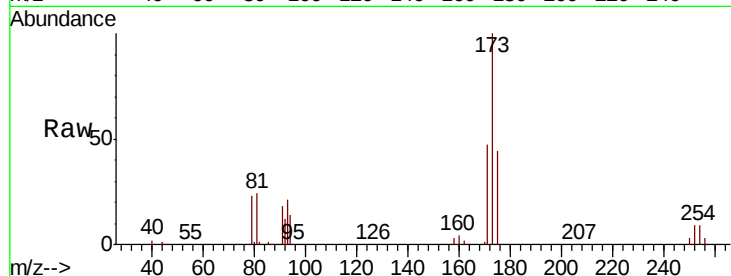
Tot Ion:173 Resp: 105085

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.7

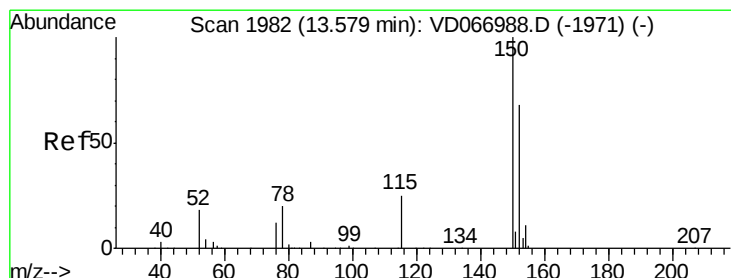
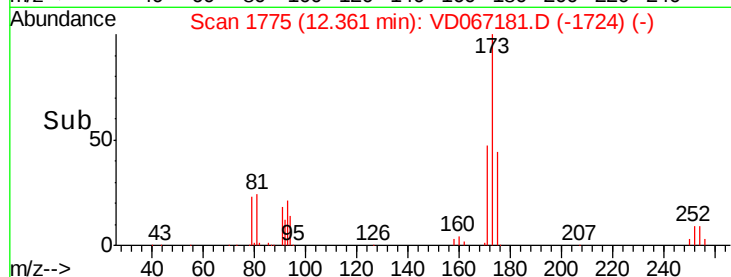
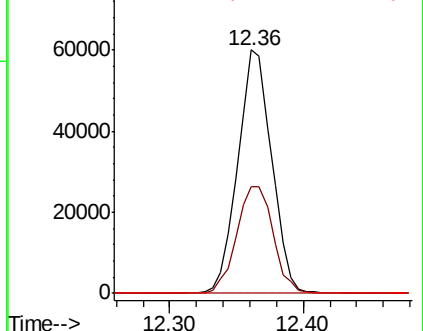
254 0.0 0.2 0.4#



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: VD067181.D

Acq: 08 Oct 2020 05:43

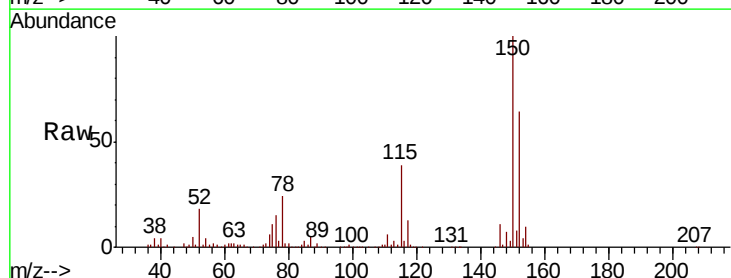
Tgt Ion:152 Resp: 235584

Ion Ratio Lower Upper

152 100

115 60.3 29.6 88.8

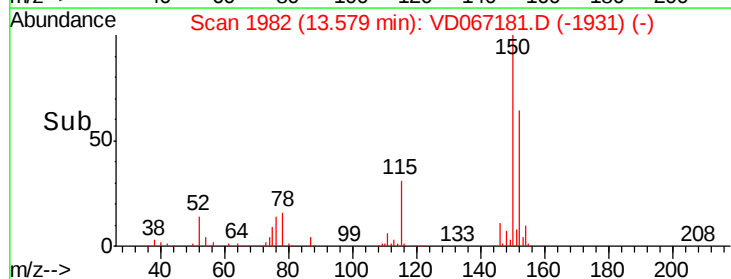
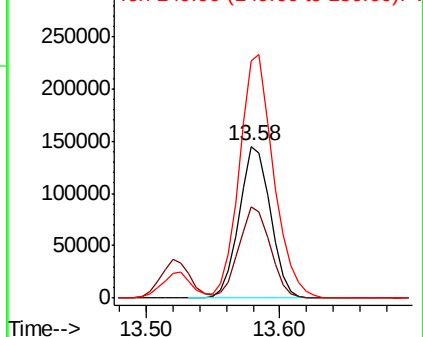
150 174.1 0.0 344.8

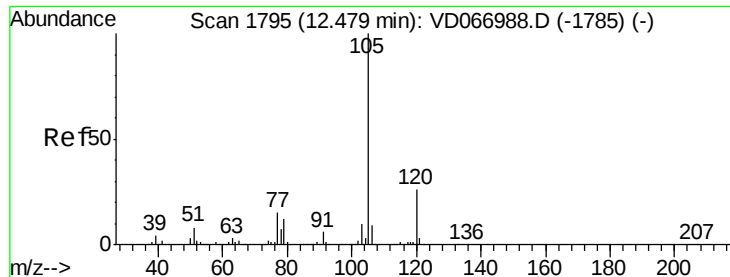


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.810 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

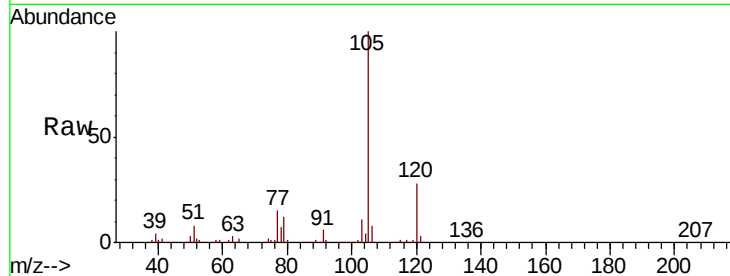
VSTDCCC050EC

Tot Ion:105 Resp: 812788

Ion Ratio Lower Upper

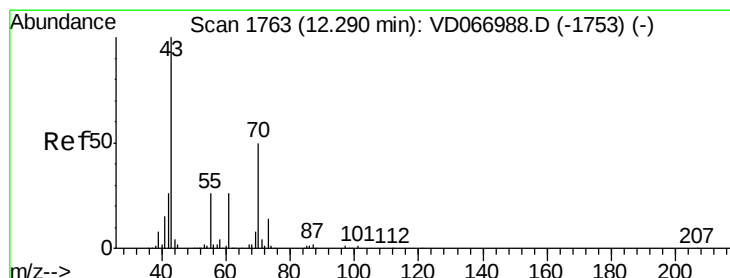
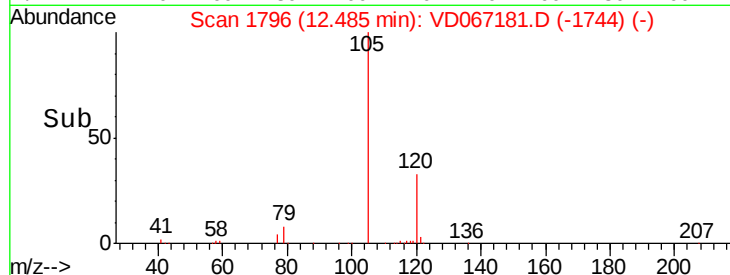
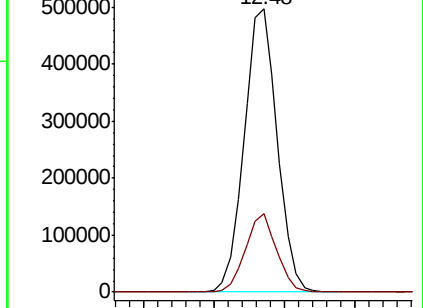
105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.770 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Tgt Ion: 43 Resp: 128742

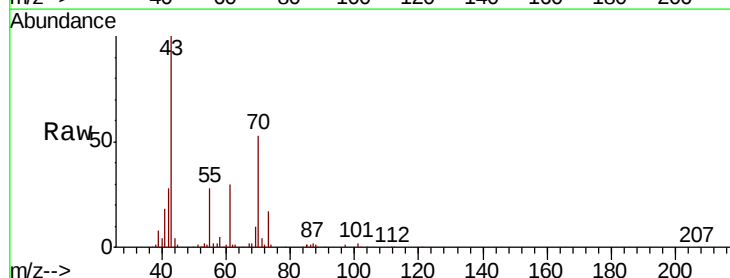
Ion Ratio Lower Upper

43 100

70 52.0 38.2 57.2

55 29.3 22.4 33.6

61 28.0 20.6 31.0

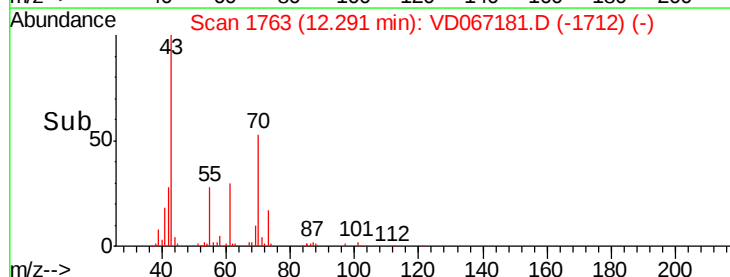
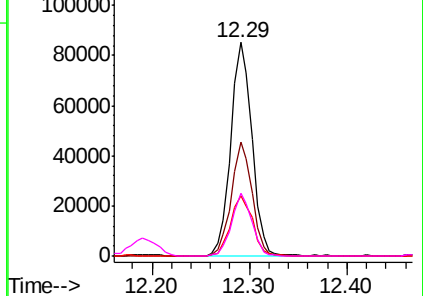


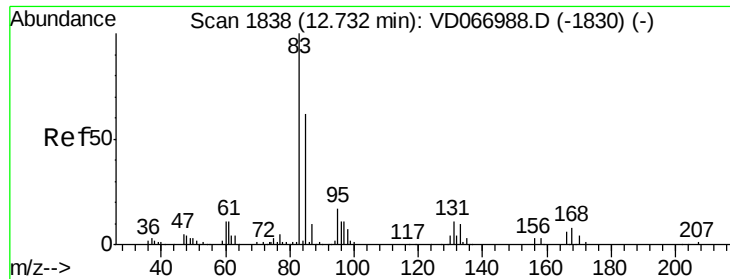
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.335 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

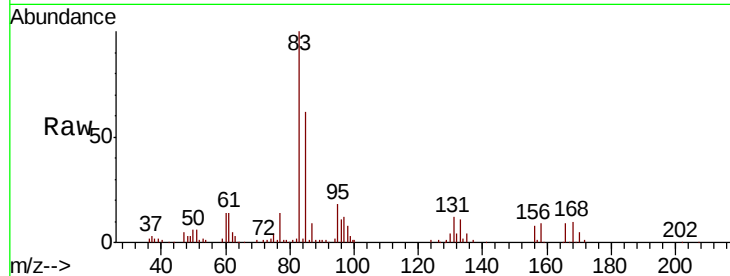
Tot Ion: 83 Resp: 127575

Ion Ratio Lower Upper

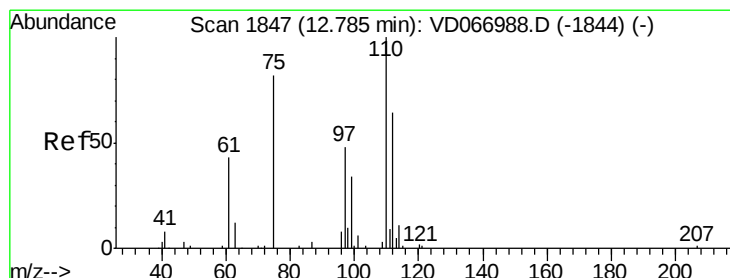
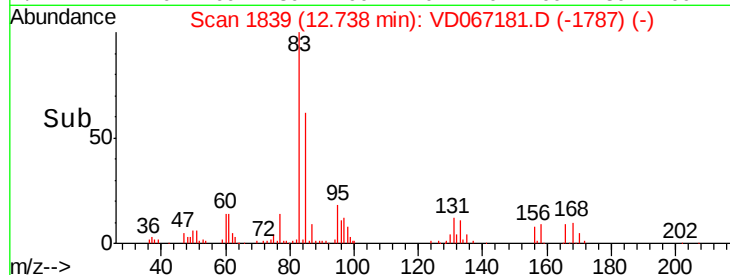
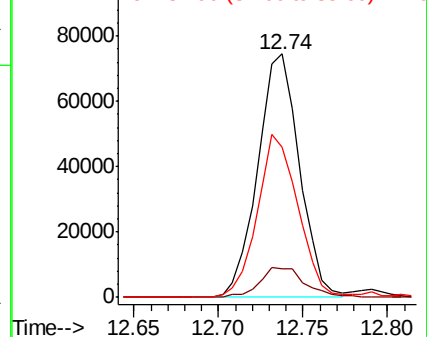
83 100

131 13.2 5.7 17.0

85 65.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 81.239 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067181.D

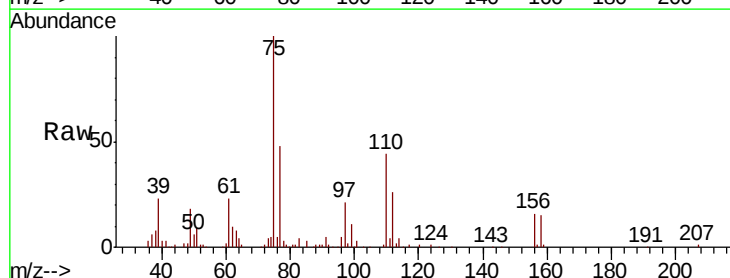
Acq: 08 Oct 2020 05:43

Tgt Ion: 75 Resp: 166703

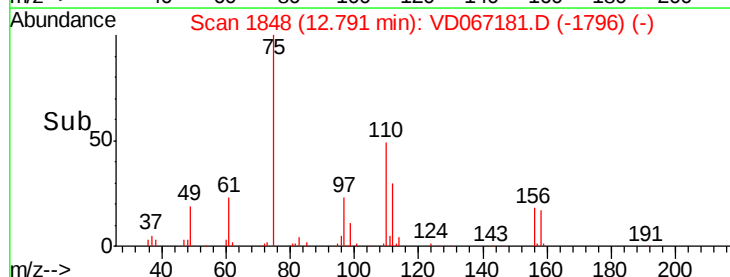
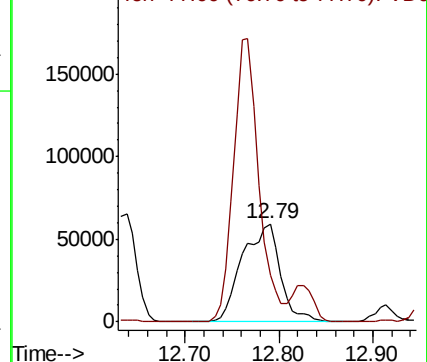
Ion Ratio Lower Upper

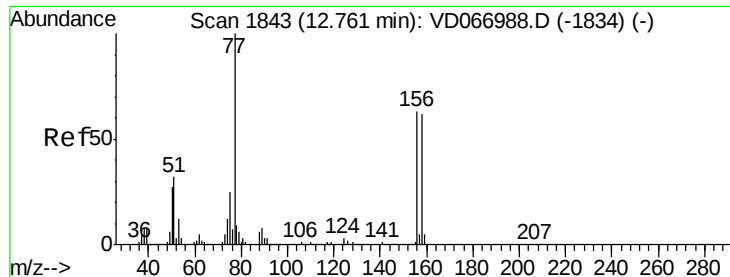
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.621 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

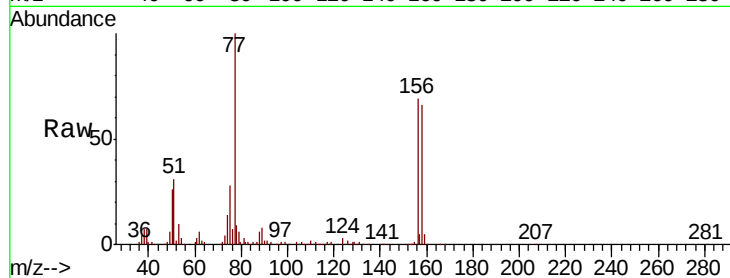
Tot Ion:156 Resp: 199390

Ion Ratio Lower Upper

156 100

77 162.4 86.3 258.8

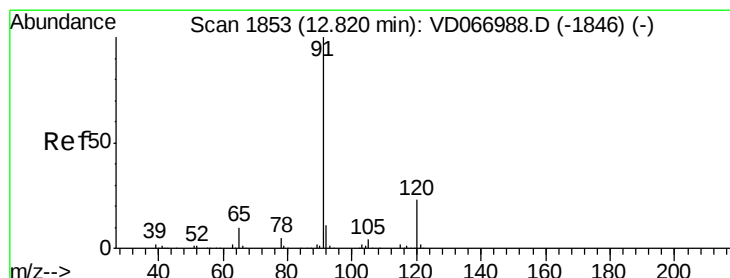
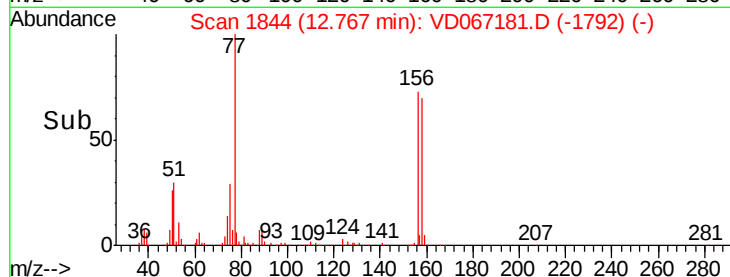
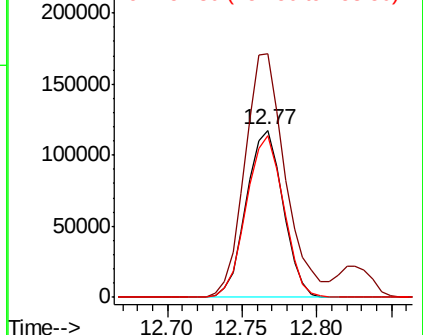
158 98.3 49.5 148.3



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: 48.404 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067181.D

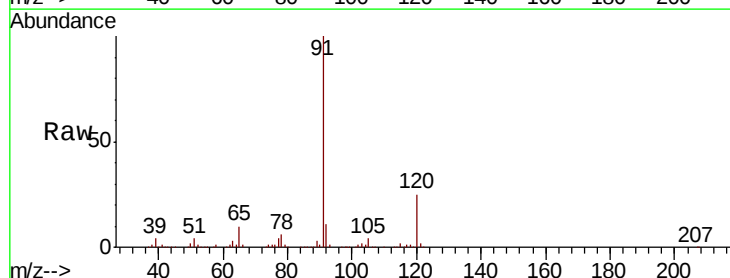
Acq: 08 Oct 2020 05:43

Tgt Ion: 91 Resp: 915078

Ion Ratio Lower Upper

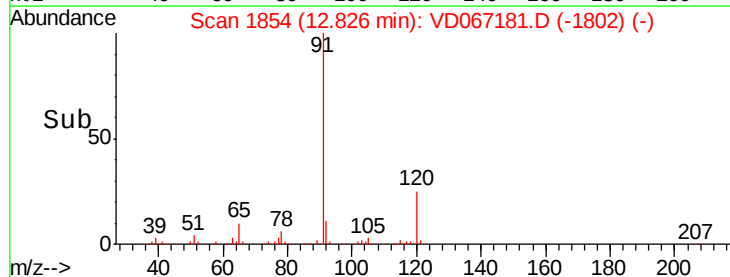
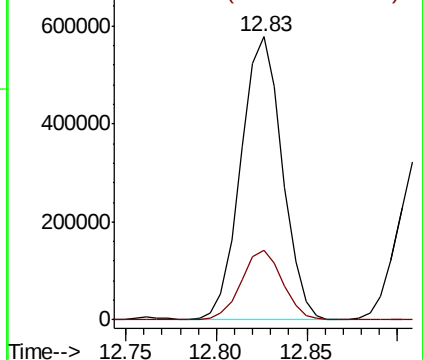
91 100

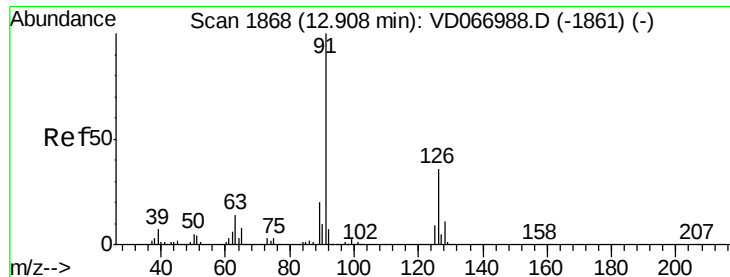
120 24.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.140 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

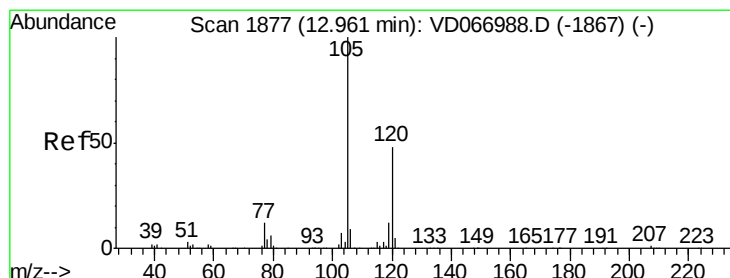
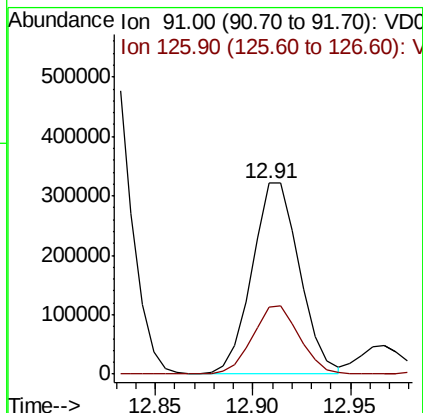
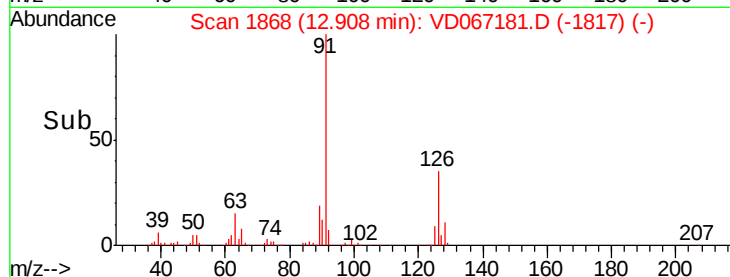
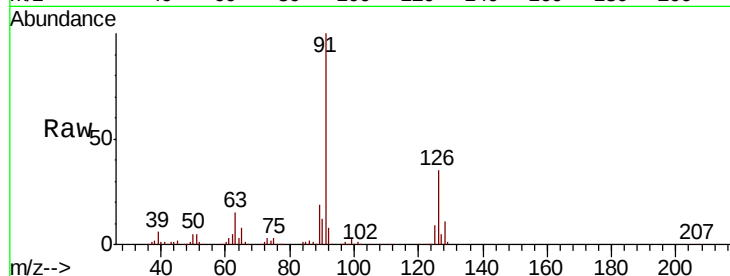
VSTDCCC050EC

Tot Ion: 91 Resp: 542332

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 51.880 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067181.D

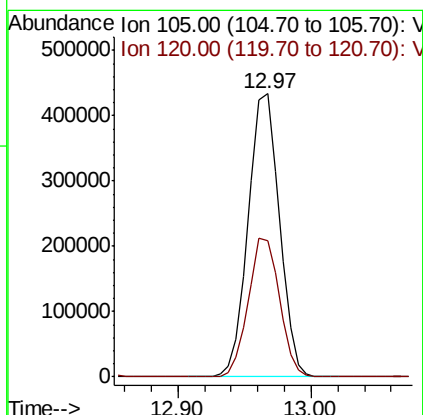
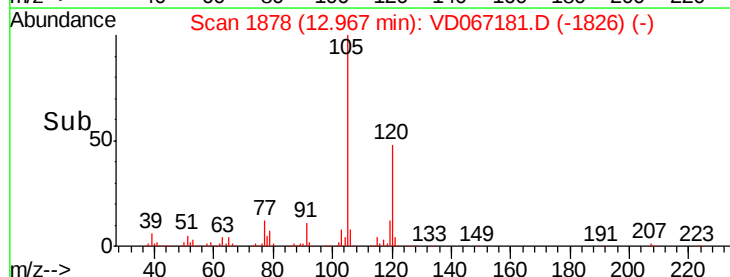
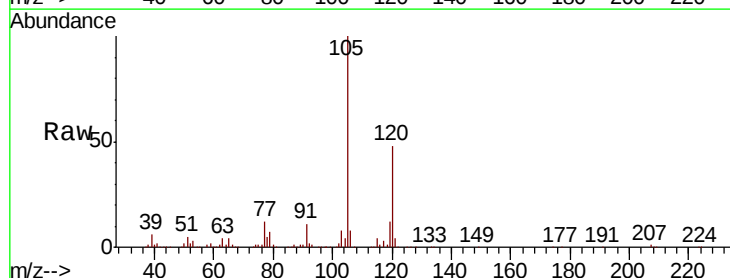
Acq: 08 Oct 2020 05:43

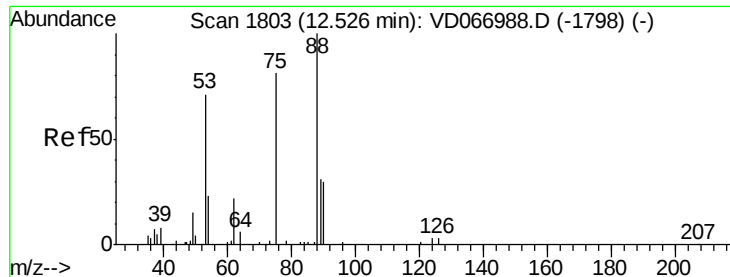
Tgt Ion: 105 Resp: 701161

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0

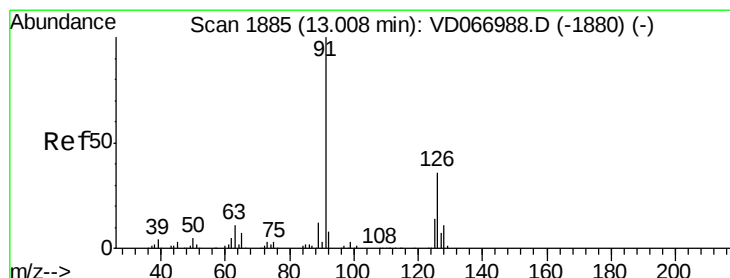
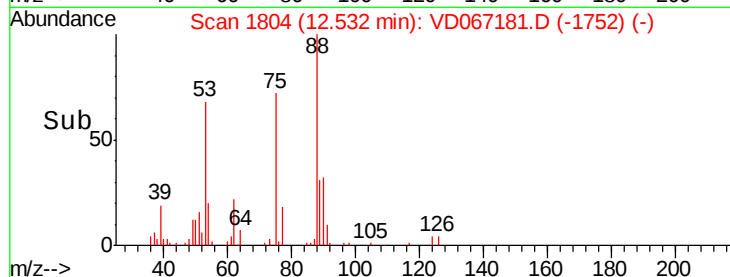
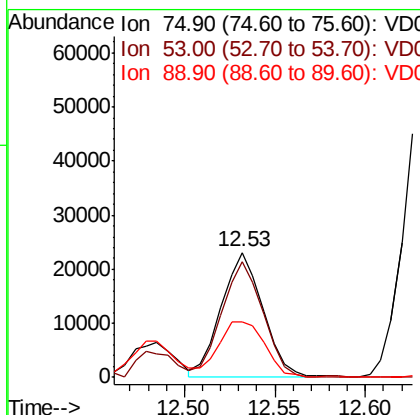
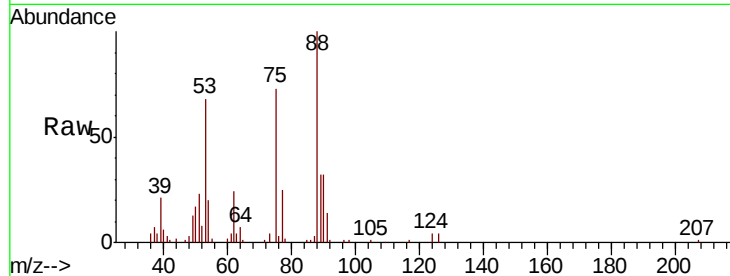




#81
trans-1,4-Dichloro-2-butene
Concen: 44.968 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

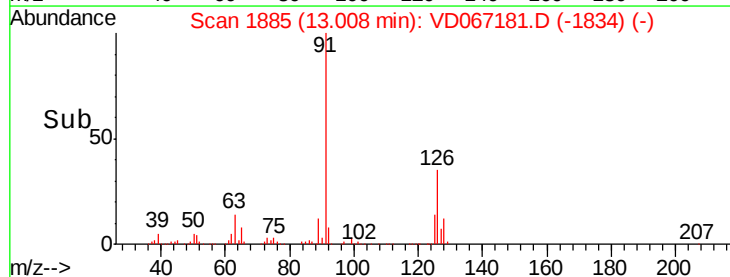
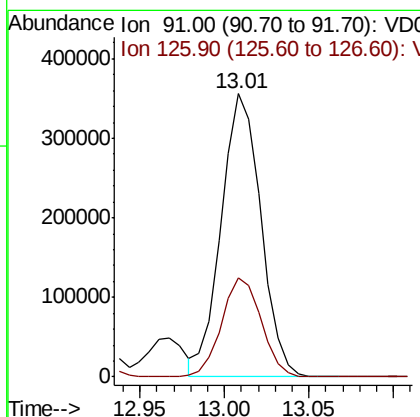
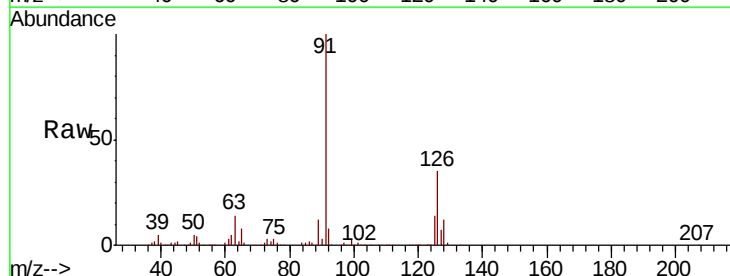
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

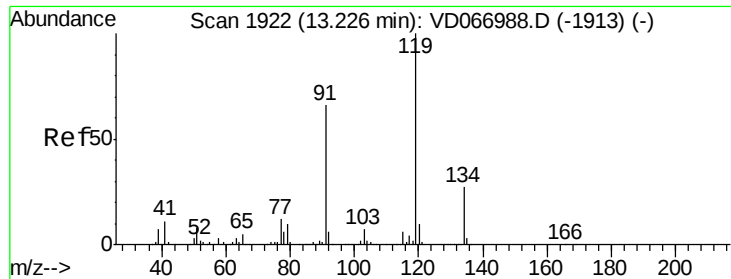
Tot Ion: 75 Resp: 37012
Ion Ratio Lower Upper
75 100
53 91.4 73.8 110.6
89 50.3 38.9 58.3



#82
4-Chlorotoluene
Concen: 50.373 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 91 Resp: 579704
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

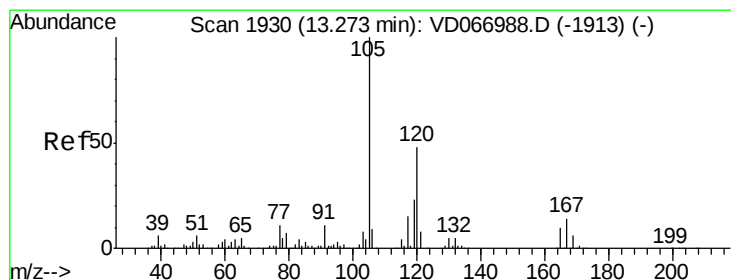
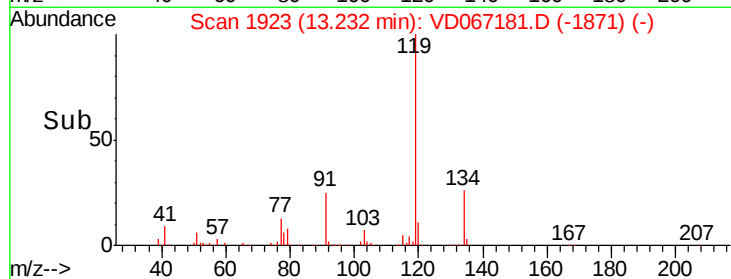
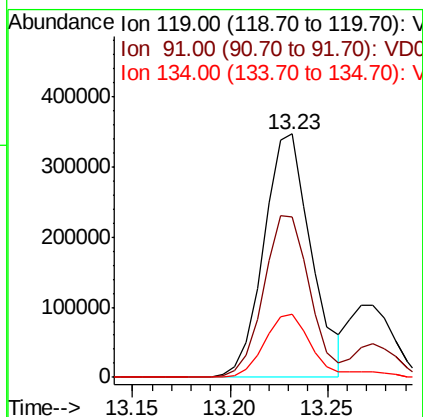
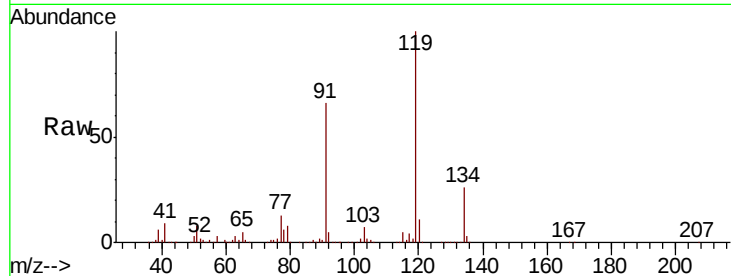




#83
tert-Butylbenzene
Concen: 51.337 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

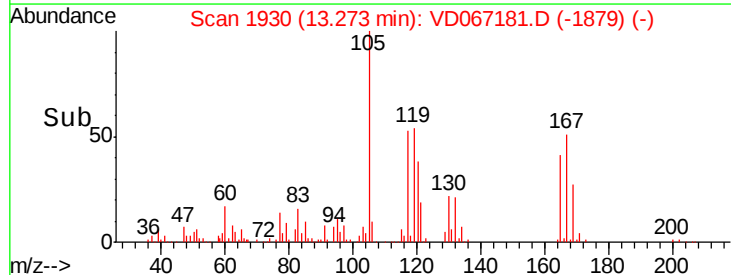
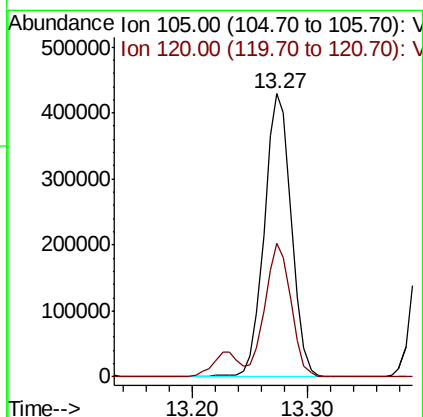
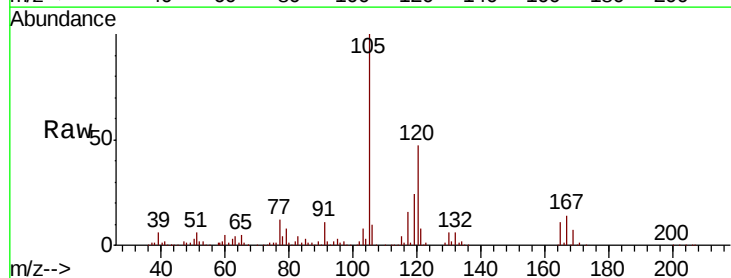
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

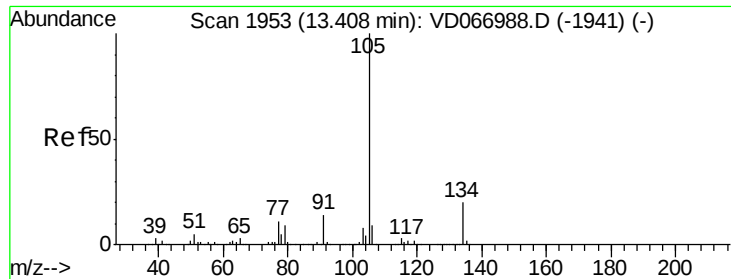
Tot Ion:119 Resp: 584275
Ion Ratio Lower Upper
119 100
91 64.3 32.8 98.3
134 27.0 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 51.927 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion:105 Resp: 700370
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8

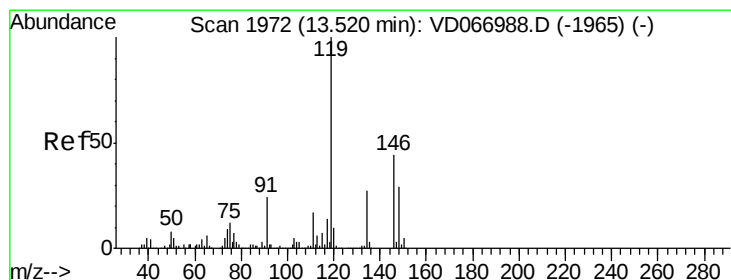
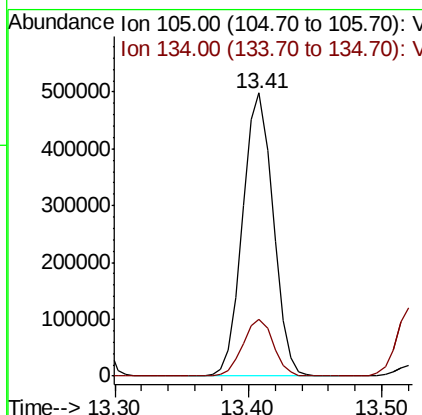
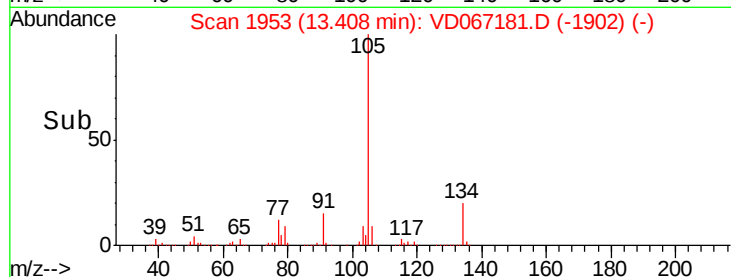
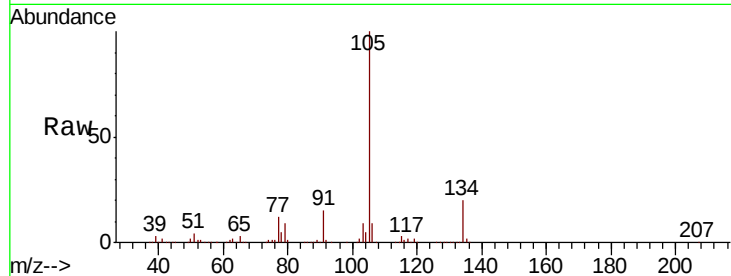




#85
 sec-Butylbenzene
 Concen: 48.962 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

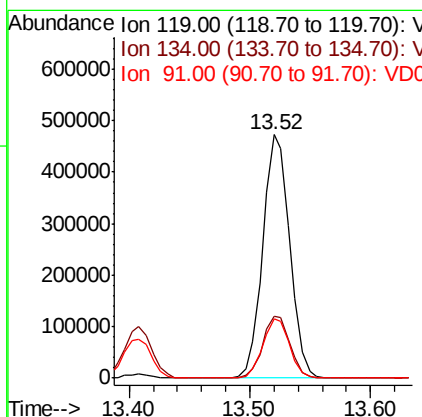
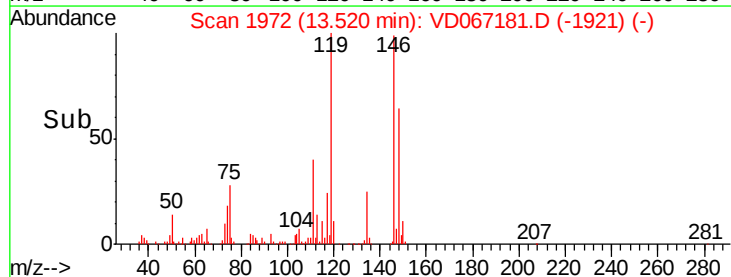
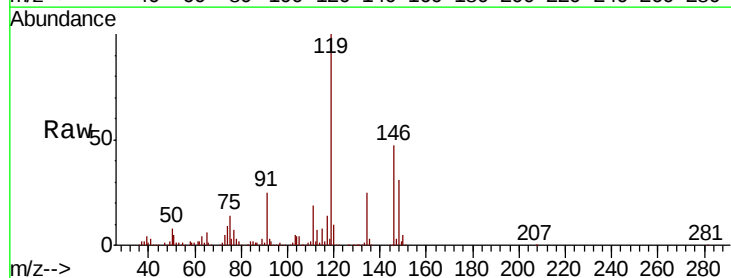
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

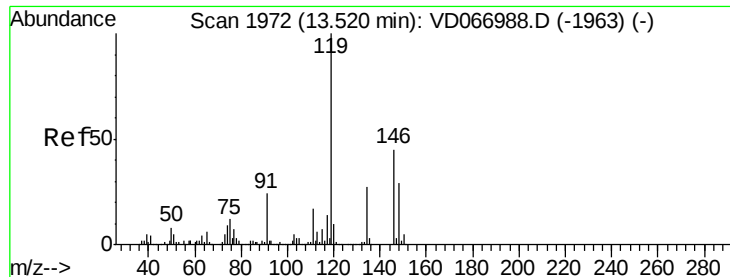
Tot Ion:105 Resp: 784740
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 49.258 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

Tgt Ion:119 Resp: 731939
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.2 11.7 35.1

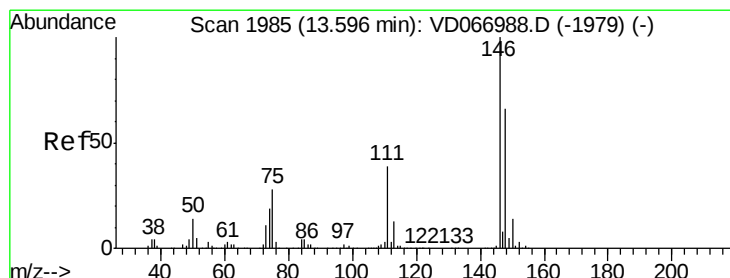
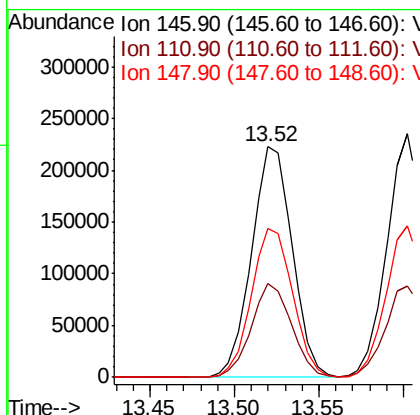
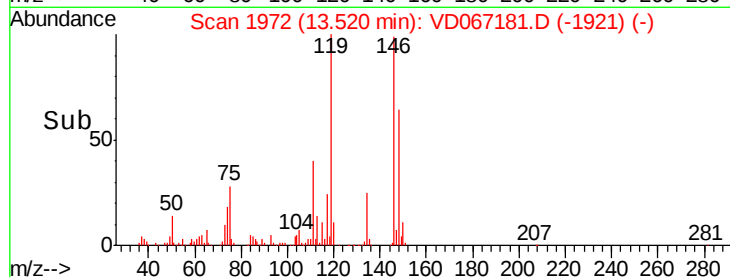
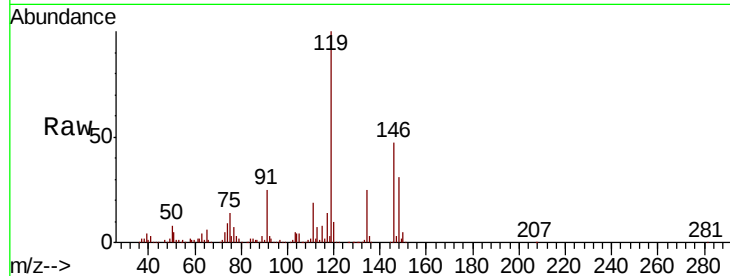




#87
 1,3-Dichlorobenzene
 Concen: 49.719 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

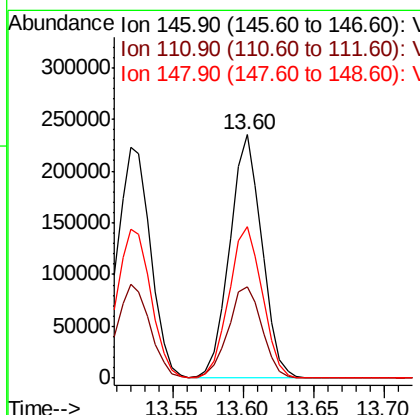
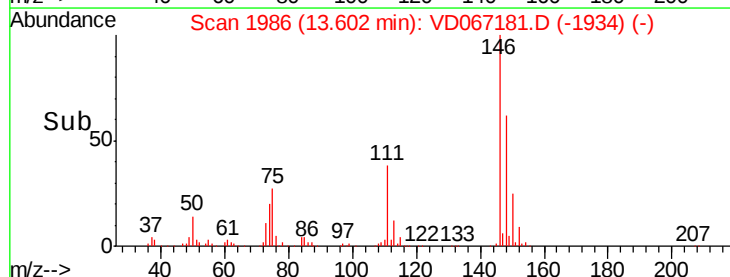
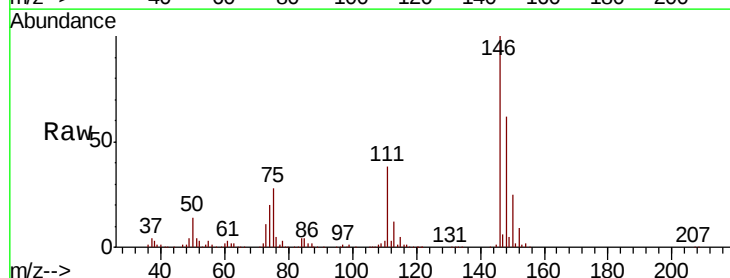
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

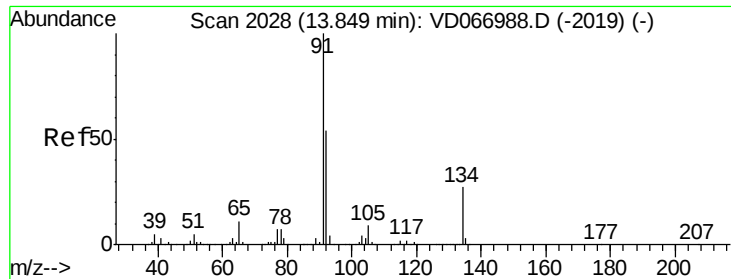
Tot Ion:146 Resp: 374062
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 65.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.600 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

Tgt Ion:146 Resp: 373128
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 64.5 32.6 97.7

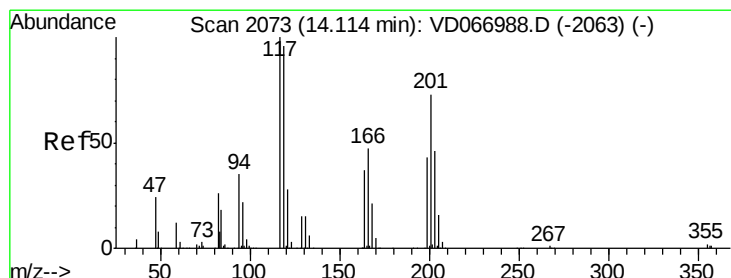
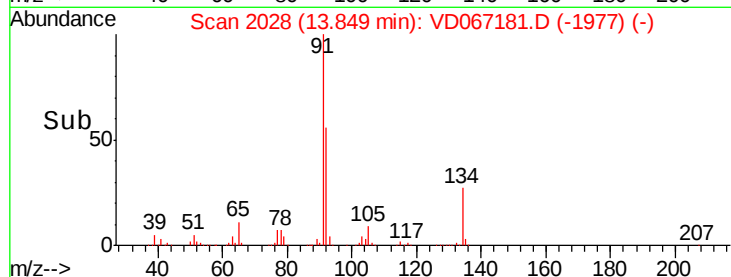
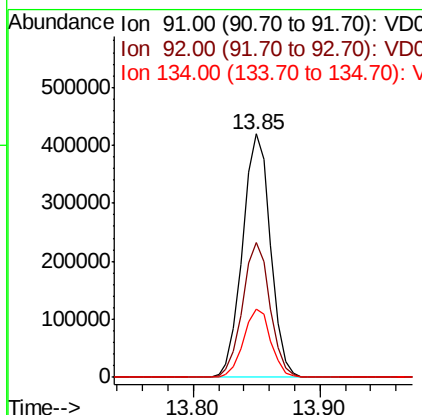
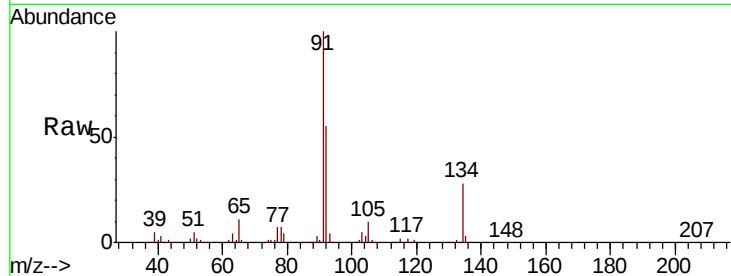




#89
n-Butylbenzene
Concen: 47.201 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

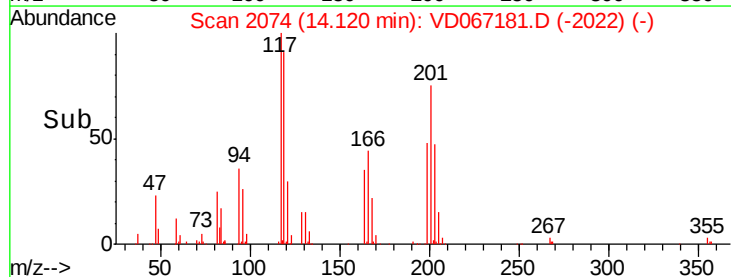
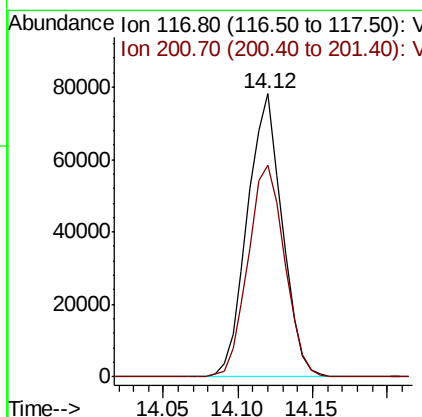
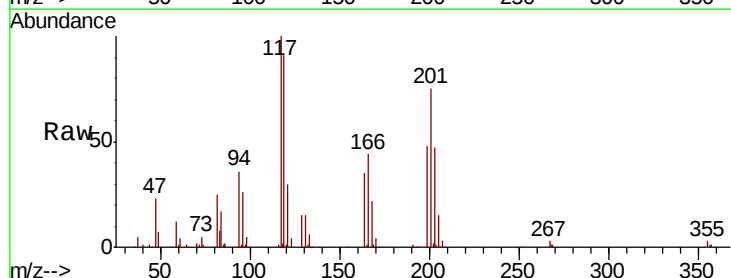
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

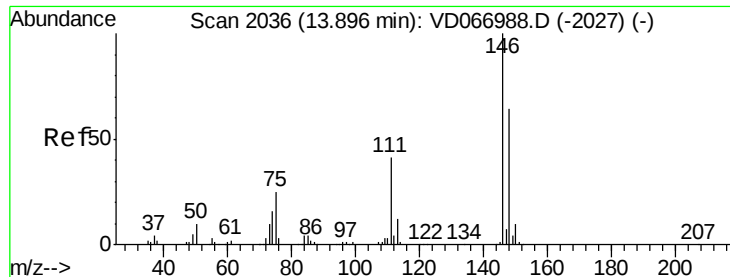
Tot Ion: 91 Resp: 640985
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 27.7 13.6 40.8



#90
Hexachloroethane
Concen: 48.513 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion: 117 Resp: 126271
Ion Ratio Lower Upper
117 100
201 78.4 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 50.272 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

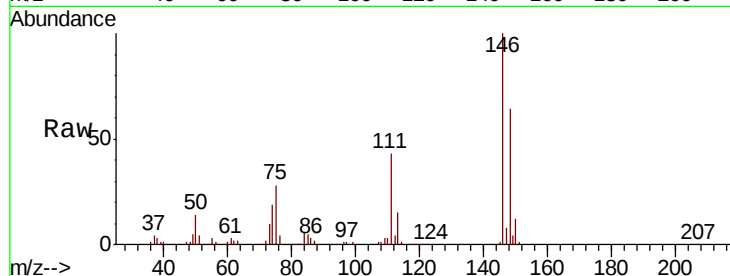
Tot Ion:146 Resp: 330318

Ion Ratio Lower Upper

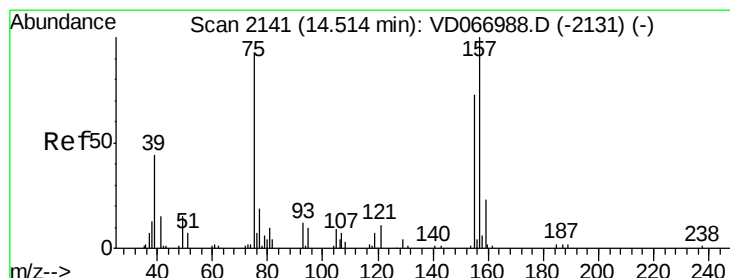
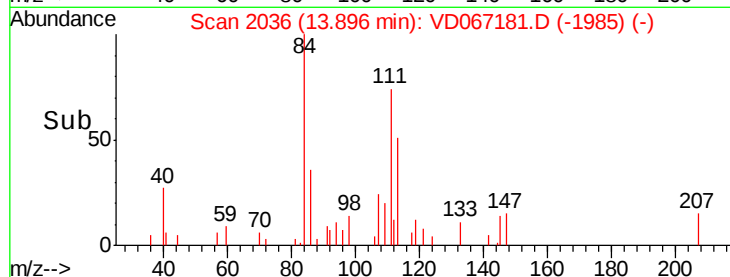
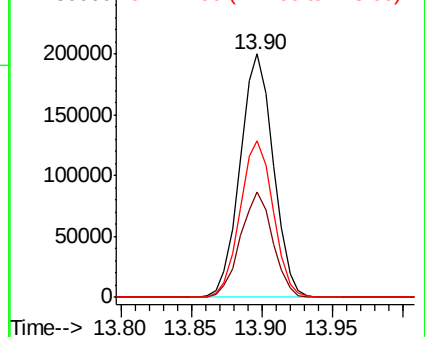
146 100

111 41.9 20.9 62.7

148 63.9 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: 49.301 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067181.D

Acq: 08 Oct 2020 05:43

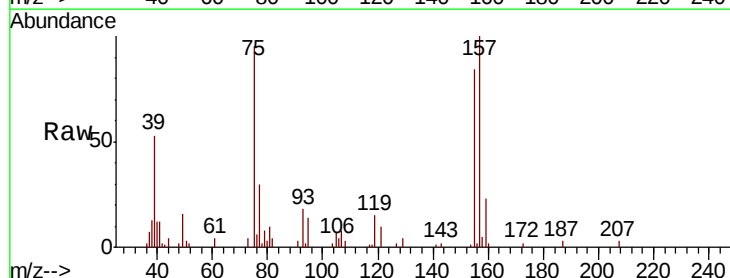
Tgt Ion: 75 Resp: 21419

Ion Ratio Lower Upper

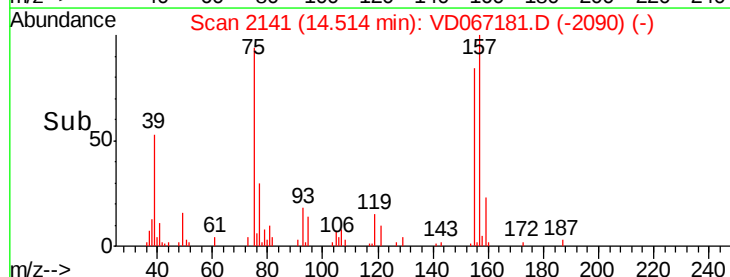
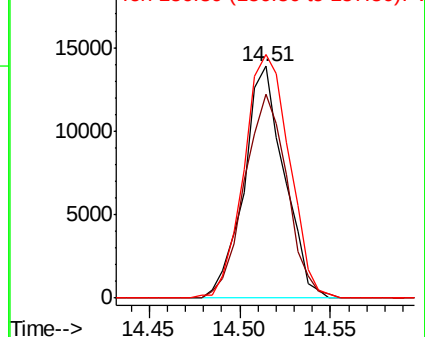
75 100

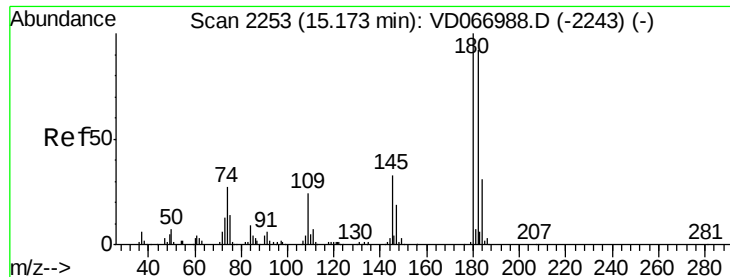
155 93.0 45.2 135.6

157 118.4 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

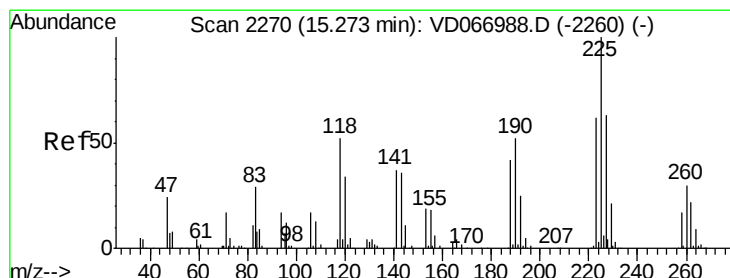
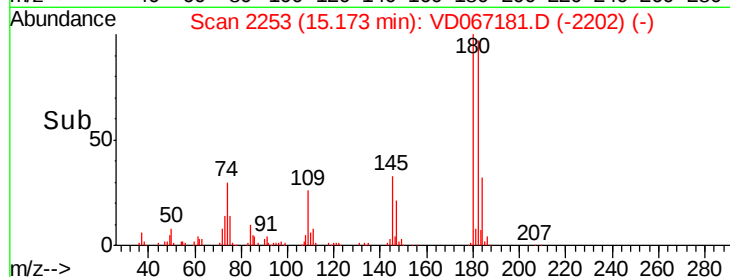
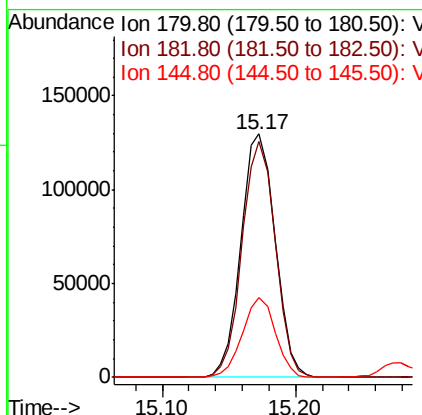
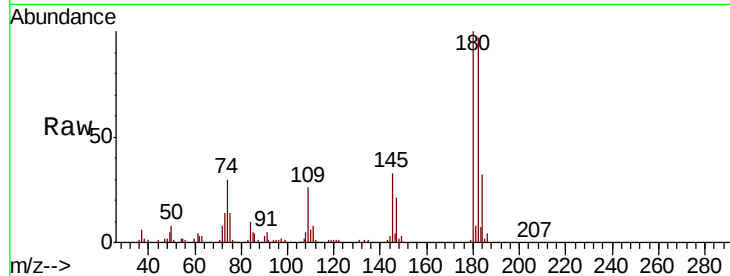




#93
 1,2,4-Trichlorobenzene
 Concen: 54.128 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

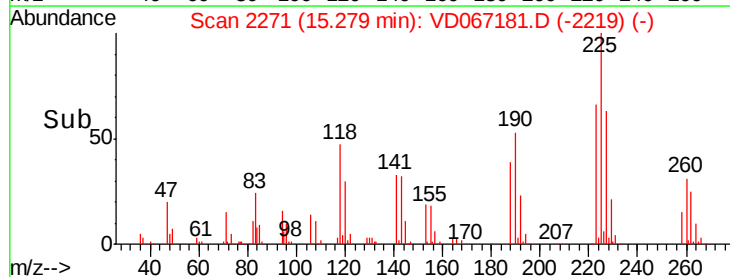
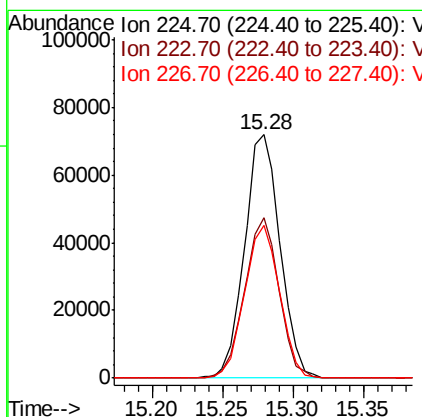
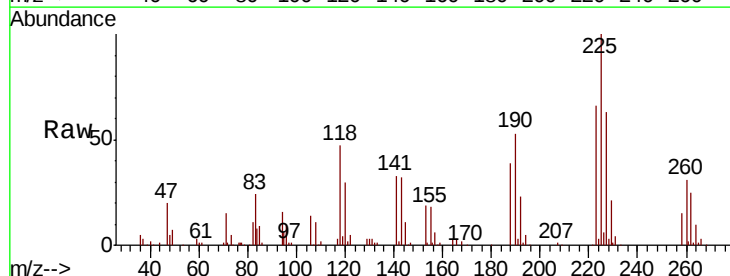
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

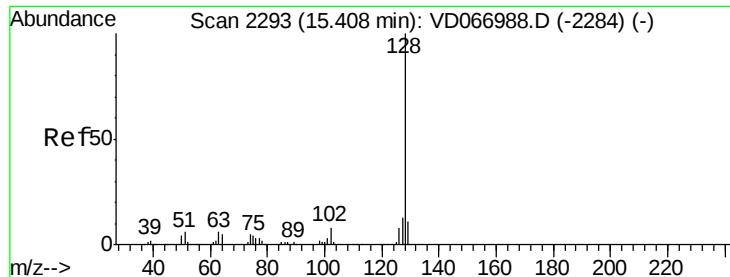
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	31.5	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 48.589 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067181.D
 Acq: 08 Oct 2020 05:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.4	97.0
227	61.9	31.6	95.0

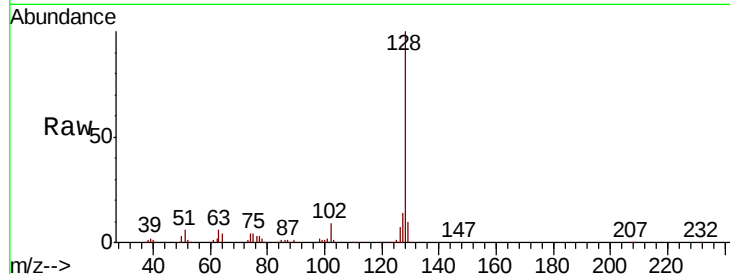




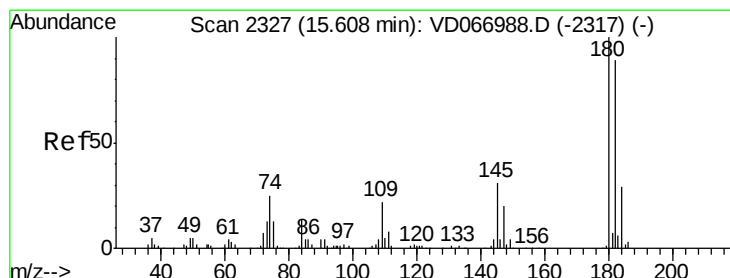
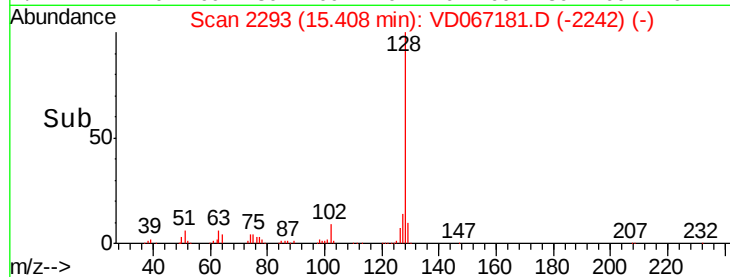
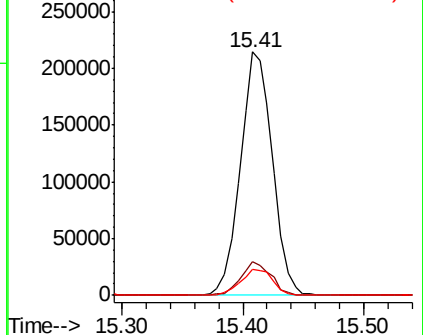
#95
Naphthalene
Concen: 55.693 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 394806
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 13.0

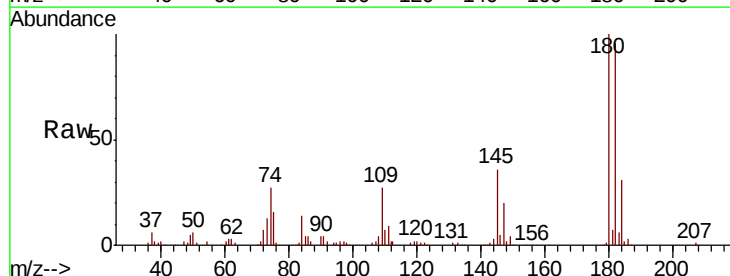


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.374 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067181.D
Acq: 08 Oct 2020 05:43

Tgt Ion:180 Resp: 200612
Ion Ratio Lower Upper
180 100
182 93.5 46.4 139.1
145 35.1 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

