

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067483.D
 Acq On : 02 Nov 2020 11:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Nov 02 15:02:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	287402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	393548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	187429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	133132	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.92	113	142092	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.34	98	506257	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.64	95	173561	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	101395	43.372	ug/l	99
3) Chloromethane	2.21	50	71669	39.623	ug/l	97
4) Vinyl Chloride	2.36	62	85739	43.202	ug/l	97
5) Bromomethane	2.78	94	71418	51.798	ug/l	95
6) Chloroethane	2.93	64	55309	44.750	ug/l	89
7) Trichlorofluoromethane	3.28	101	252782	50.583	ug/l	99
8) Diethyl Ether	3.71	74	49880	43.619	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	130286	49.070	ug/l	97
10) Methyl Iodide	4.30	142	139227	56.845	ug/l	98
11) Tert butyl alcohol	5.21	59	30250	191.381	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	115549	48.714	ug/l	92
13) Acrolein	3.93	56	26108	160.232	ug/l	96
14) Allyl chloride	4.71	41	133364	49.097	ug/l	94
15) Acrylonitrile	5.42	53	90132	236.216	ug/l	99
16) Acetone	4.16	43	108386	268.780	ug/l	89
17) Carbon Disulfide	4.41	76	276178	40.842	ug/l	99
18) Methyl Acetate	4.72	43	42000	45.664	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	230918	48.960	ug/l	93
20) Methylene Chloride	4.97	84	131781	51.118	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	132813	48.656	ug/l	97
22) Diisopropyl ether	6.36	45	246724	49.721	ug/l	96
23) Vinyl Acetate	6.31	43	698169	247.309	ug/l	99
24) 1,1-Dichloroethane	6.26	63	213850	50.346	ug/l	98
25) 2-Butanone	7.21	43	107201	233.215	ug/l	95
26) 2,2-Dichloropropane	7.21	77	234453	53.551	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	150501	50.308	ug/l	97
28) Bromochloromethane	7.55	49	73074	50.437	ug/l #	98
29) Tetrahydrofuran	7.56	42	58017	227.056	ug/l	94
30) Chloroform	7.71	83	258636	50.970	ug/l	89
31) Cyclohexane	7.99	56	147583	44.501	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	265924	53.413	ug/l	98
36) 1,1-Dichloropropene	8.11	75	183831	50.554	ug/l	99
37) Ethyl Acetate	7.29	43	48794	45.608	ug/l	97
38) Carbon Tetrachloride	8.10	117	244091	52.521	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	191337	50.332	ug/l	96
40) Benzene	8.36	78	509708	51.094	ug/l	97
41) Methacrylonitrile	7.52	41	10534	18.220	ug/l #	10
42) 1,2-Dichloroethane	8.43	62	155934	49.948	ug/l	99
43) Isopropyl Acetate	8.46	43	101521	47.822	ug/l	99
44) Trichloroethene	9.11	130	167701	52.505	ug/l	99
45) 1,2-Dichloropropane	9.39	63	111139	48.071	ug/l	95
46) Dibromomethane	9.48	93	67399	46.789	ug/l	99
47) Bromodichloromethane	9.67	83	198436	51.417	ug/l	99
48) Methyl methacrylate	9.46	41	48723	47.228	ug/l	93
49) 1,4-Dioxane	9.46	88	12117	865.134	ug/l #	84
51) 4-Methyl-2-Pentanone	10.23	43	246382	232.692	ug/l	100
52) Toluene	10.41	92	438247	64.500	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	175942	51.896	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	198595	50.053	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	96796	49.278	ug/l	93
56) Ethyl methacrylate	10.67	69	101383	49.766	ug/l	97
57) 1,3-Dichloropropane	10.95	76	154887	49.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	263803	252.426	ug/l	97
59) 2-Hexanone	10.99	43	172716	238.712	ug/l	99
60) Dibromochloromethane	11.15	129	138690	48.415	ug/l	98
61) 1,2-Dibromoethane	11.26	107	92850	47.947	ug/l	98
64) Tetrachloroethene	10.88	164	140516	49.280	ug/l	97
65) Chlorobenzene	11.68	112	389647	51.631	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	155207	51.746	ug/l	99
67) Ethyl Benzene	11.75	91	708069	54.734	ug/l	100
68) m/p-Xylenes	11.86	106	535715	107.538	ug/l	97
69) o-Xylene	12.18	106	247441	53.639	ug/l #	1
70) Styrene	12.20	104	418215	52.665	ug/l #	88
71) Bromoform	12.37	173	79561	49.375	ug/l #	100
73) Isopropylbenzene	12.48	105	730994	61.451	ug/l	97
74) N-amyl acetate	12.29	43	94870	52.805	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.74	83	91988	50.469	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	132438	101.949	ug/l #	100
77) Bromobenzene	12.77	156	162835	54.907	ug/l	81
78) n-propylbenzene	12.83	91	893997	64.865	ug/l	94
79) 2-Chlorotoluene	12.91	91	455010	56.928	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	601016	58.142	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	31344	54.716	ug/l	95
82) 4-Chlorotoluene	13.01	91	578243	68.164	ug/l	89
83) tert-Butylbenzene	13.21	119	1176082	134.688	ug/l	79
84) 1,2,4-Trimethylbenzene	13.27	105	586303	57.386	ug/l	98
85) sec-Butylbenzene	13.41	105	709038	59.178	ug/l	100
86) p-Isopropyltoluene	13.52	119	668696	59.130	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	315646	55.297	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	577906	102.186	ug/l	99
89) n-Butylbenzene	13.85	91	595690	59.875	ug/l	99
90) Hexachloroethane	14.12	117	112906	57.212	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	270211	54.187	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16598	50.126	ug/l	94

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QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

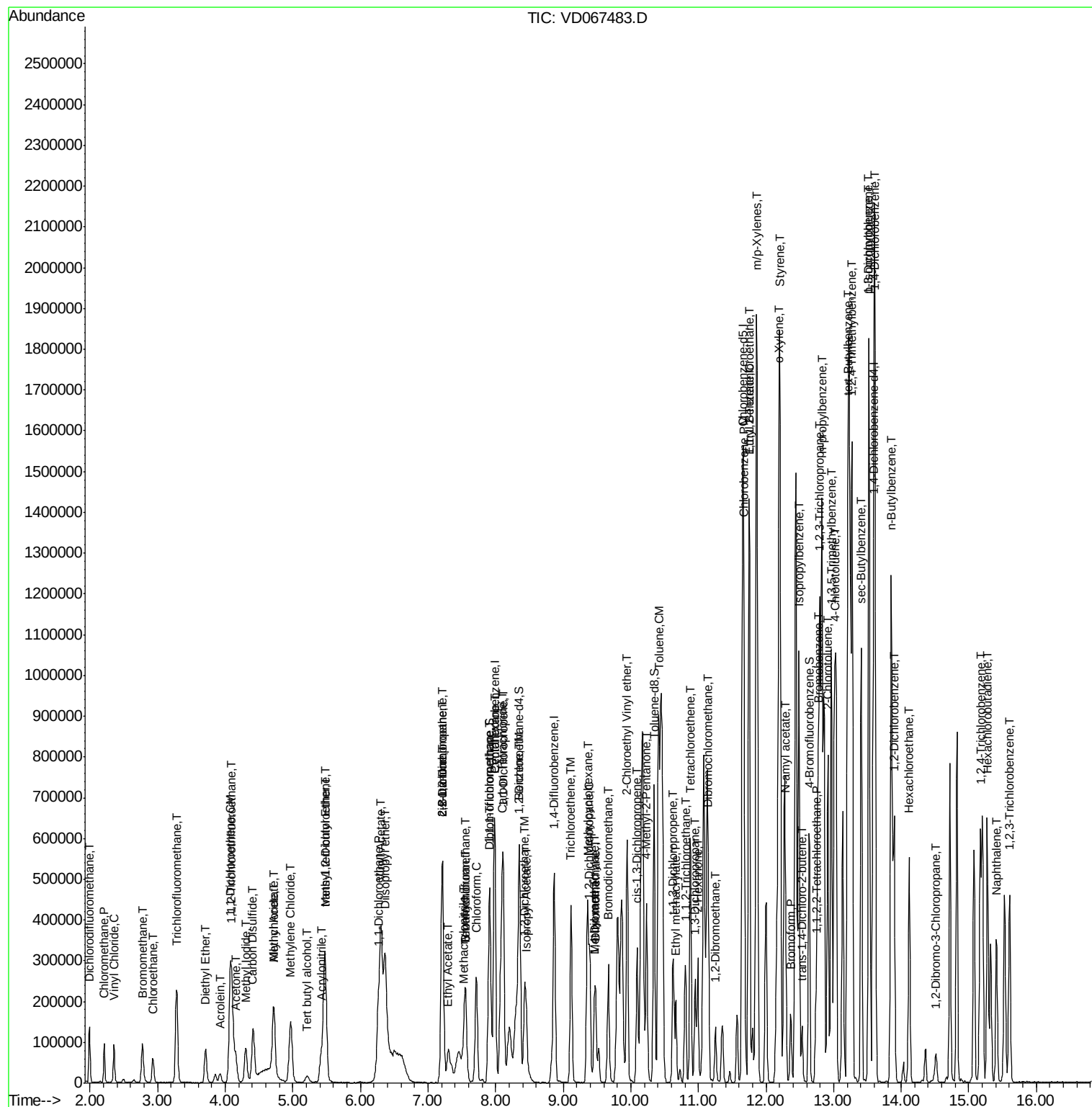
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	199602	59.368	ug/l	97
94) Hexachlorobutadiene	15.28	225	129919	62.227	ug/l	99
95) Naphthalene	15.41	128	320659	58.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	164767	56.727	ug/l	99

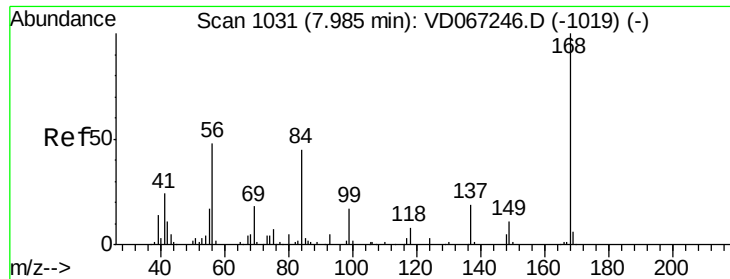
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

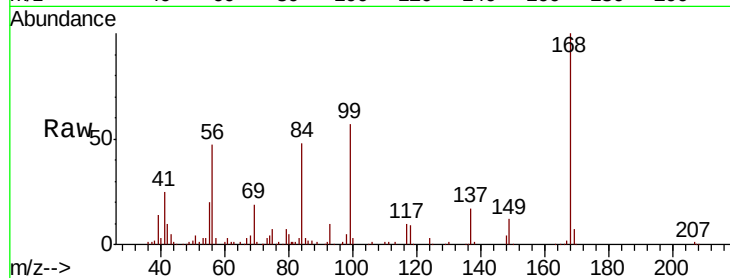
VSTD05006

Tot Ion:168 Resp: 287402

Ion Ratio Lower Upper

168 100

99 57.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

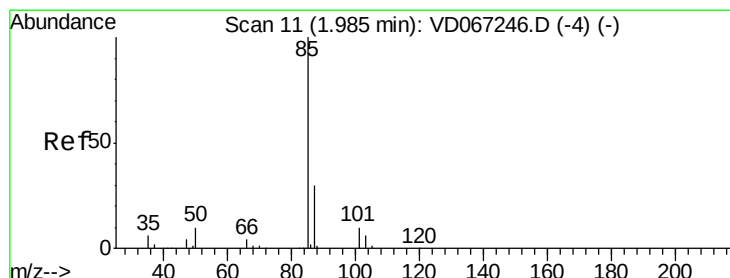
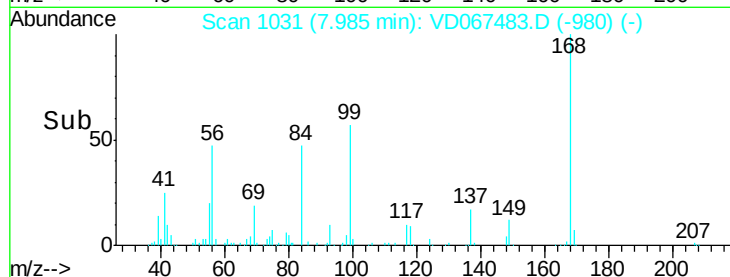
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 43.372 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067483.D

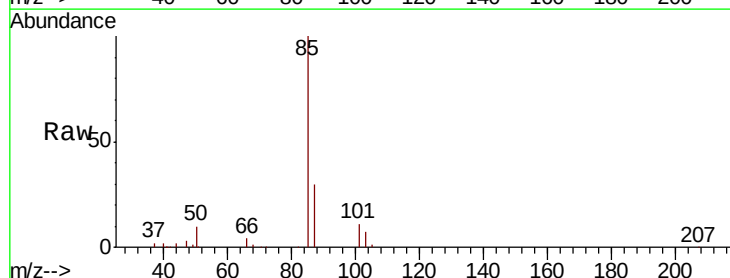
Acq: 02 Nov 2020 11:16

Tgt Ion: 85 Resp: 101395

Ion Ratio Lower Upper

85 100

87 30.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

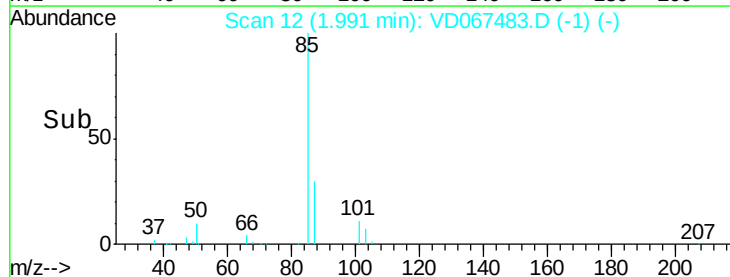
40000

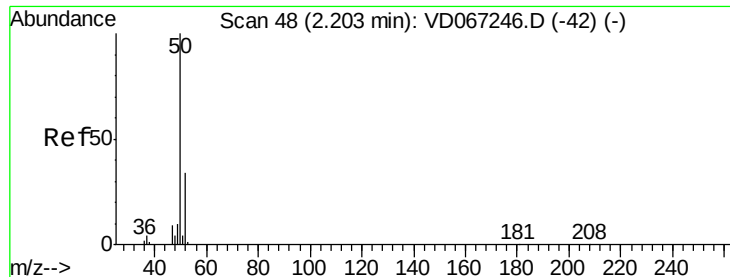
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 39.623 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

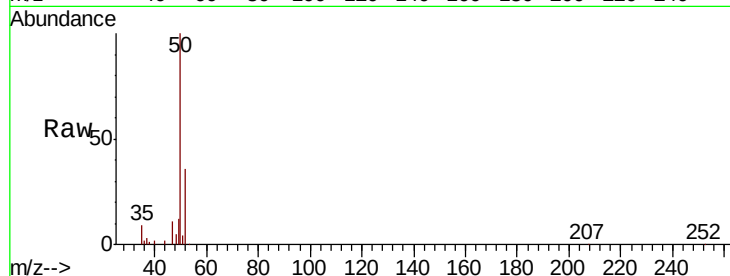
VSTD05006

Tot Ion: 50 Resp: 71669

Ion Ratio Lower Upper

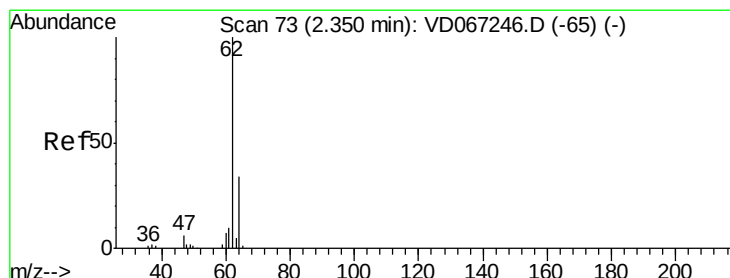
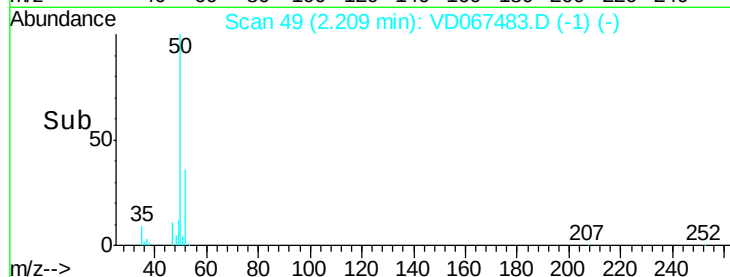
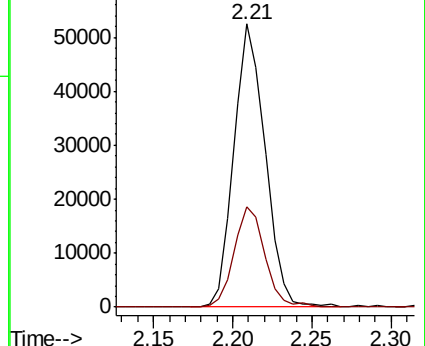
50 100

52 35.5 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.202 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067483.D

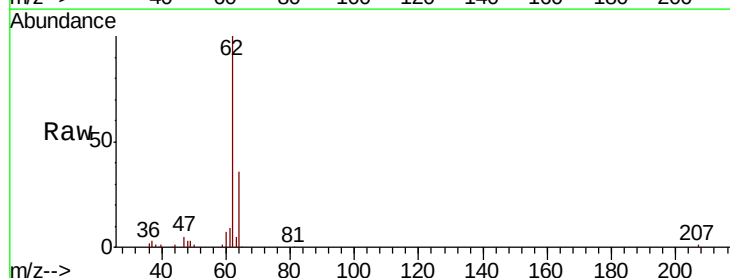
Acq: 02 Nov 2020 11:16

Tgt Ion: 62 Resp: 85739

Ion Ratio Lower Upper

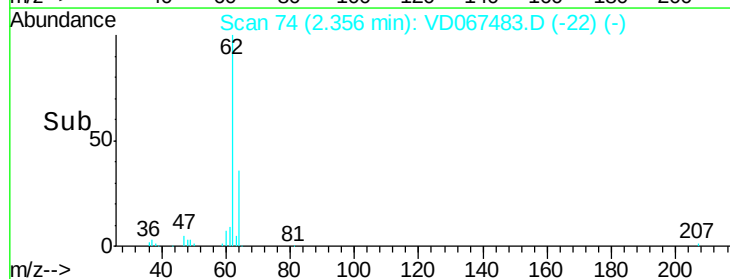
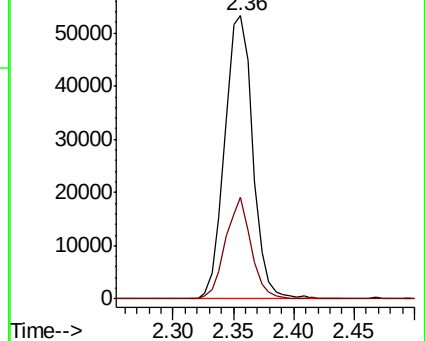
62 100

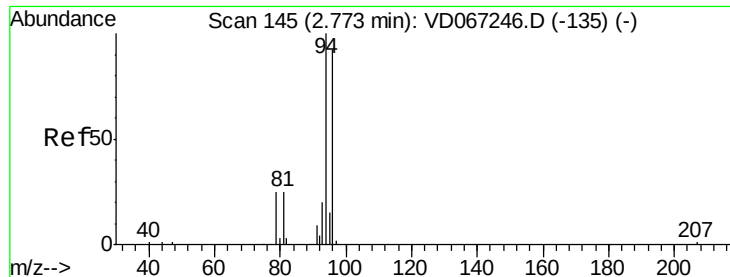
64 35.8 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.798 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

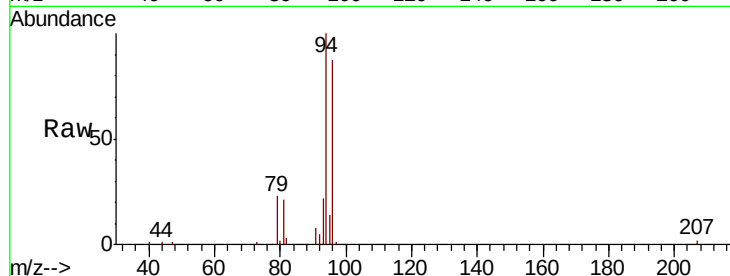
VSTD05006

Tot Ion: 94 Resp: 71418

Ion Ratio Lower Upper

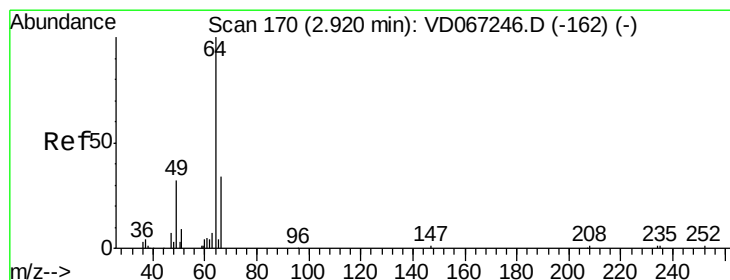
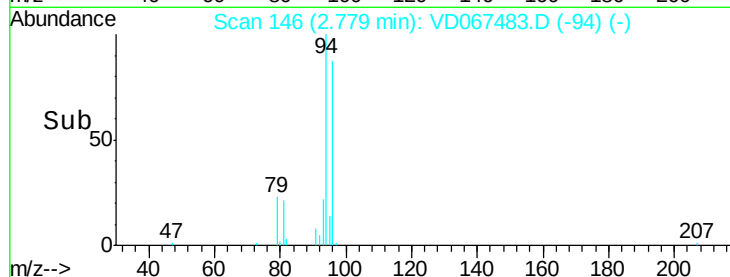
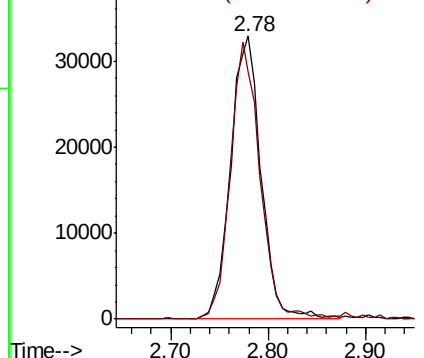
94 100

96 87.4 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.750 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067483.D

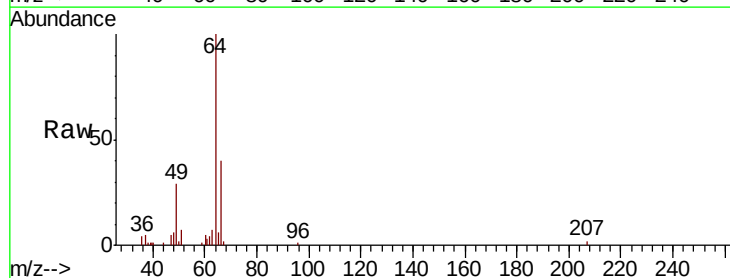
Acq: 02 Nov 2020 11:16

Tgt Ion: 64 Resp: 55309

Ion Ratio Lower Upper

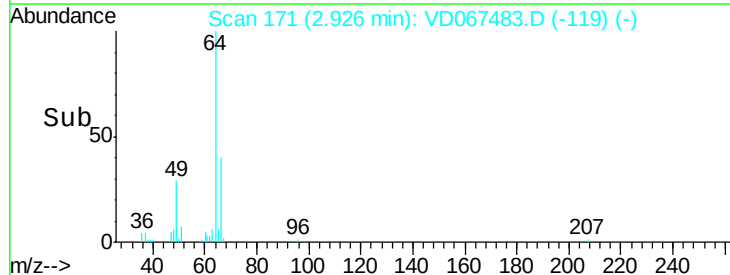
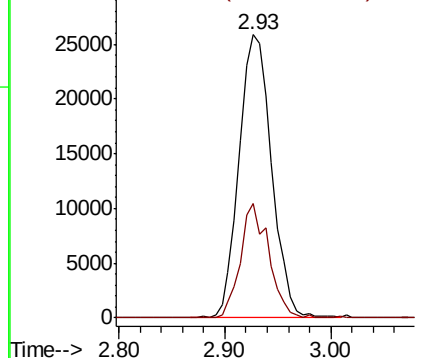
64 100

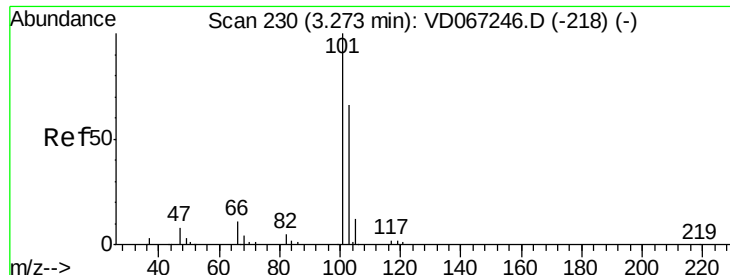
66 40.4 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



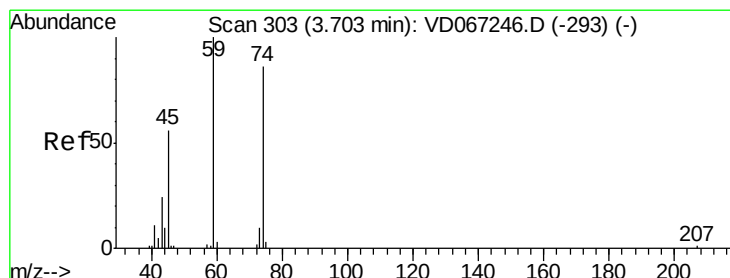
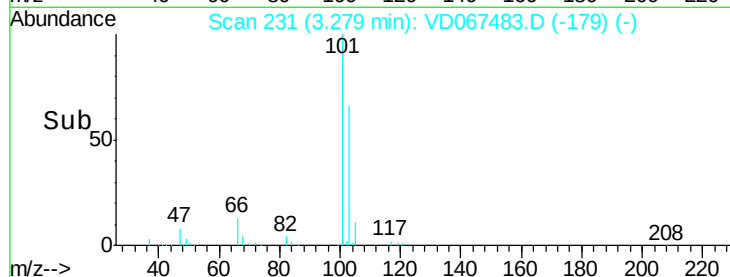
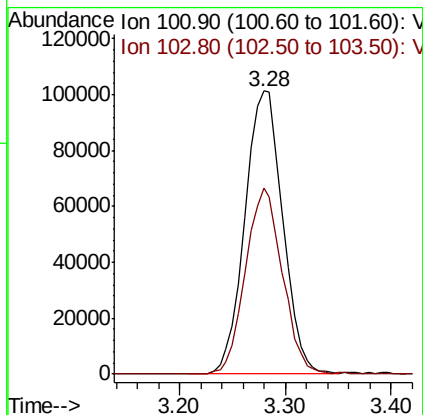
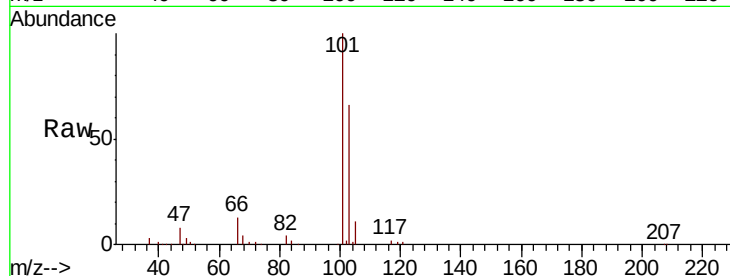


#7

Trichlorofluoromethane
 Concen: 50.583 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Instrument :
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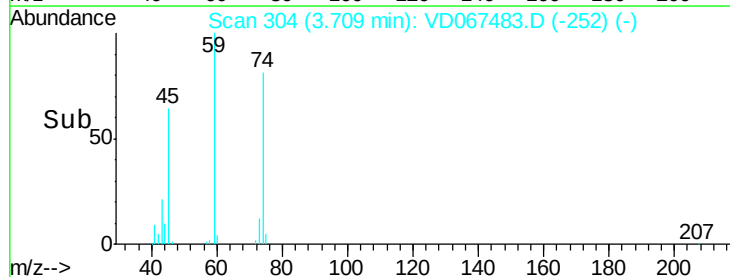
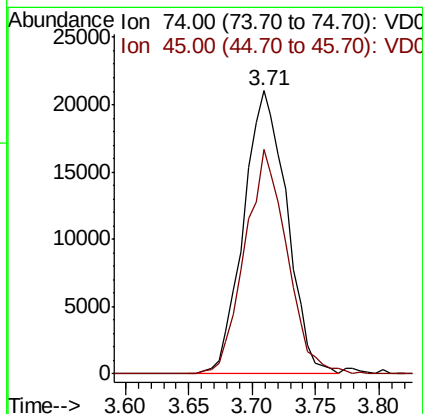
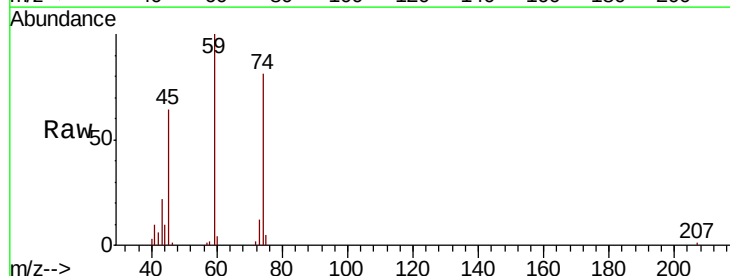
Tot Ion:101 Resp: 252782
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.1 79.7

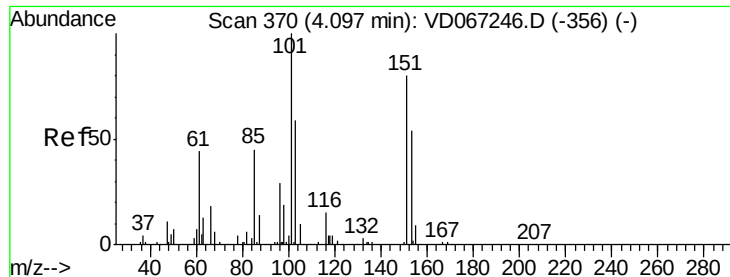


#8

Diethyl Ether
 Concen: 43.619 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion: 74 Resp: 49880
 Ion Ratio Lower Upper
 74 100
 45 77.3 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.070 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

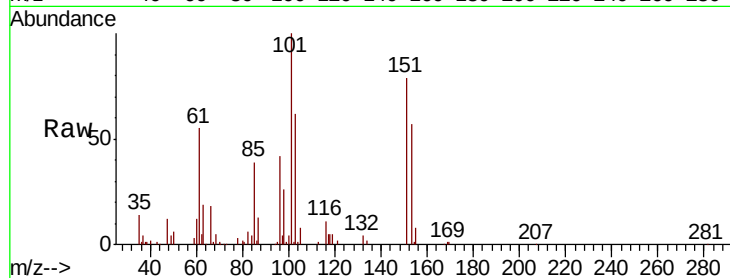
Tot Ion:101 Resp: 130286

Ion Ratio Lower Upper

101 100

85 43.9 34.2 51.4

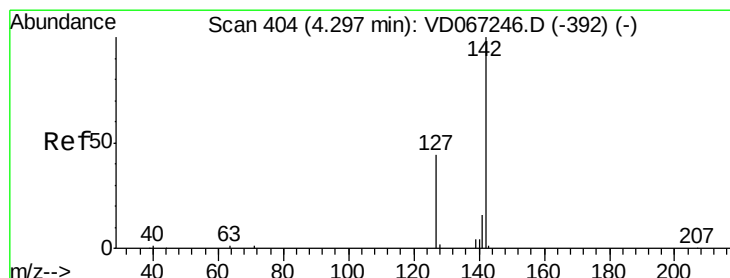
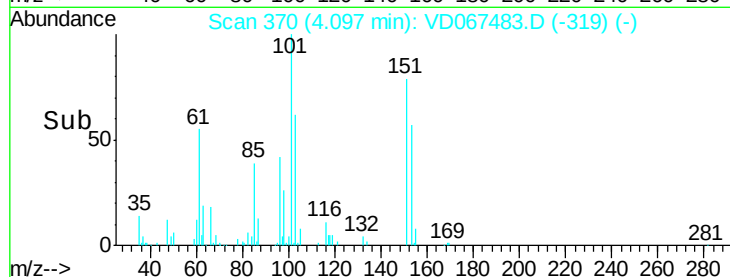
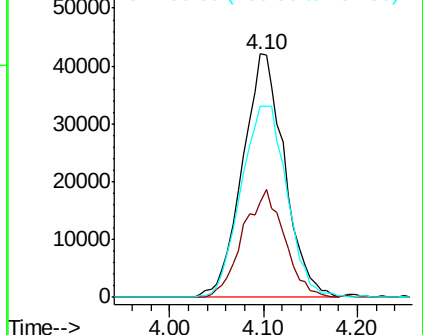
151 86.1 66.3 99.5



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: 56.845 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

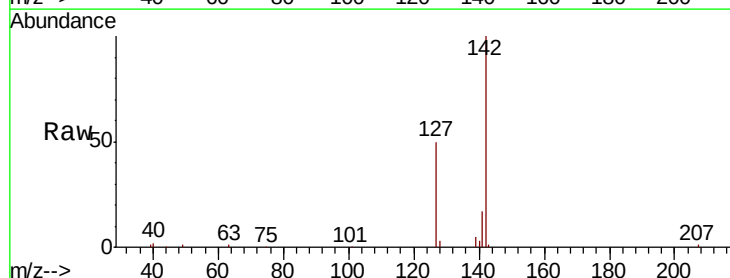
Tgt Ion:142 Resp: 139227

Ion Ratio Lower Upper

142 100

127 49.6 38.4 57.6

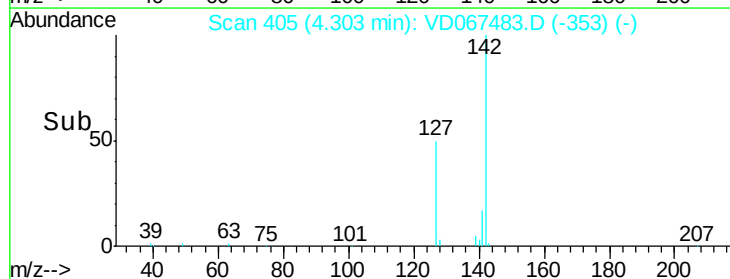
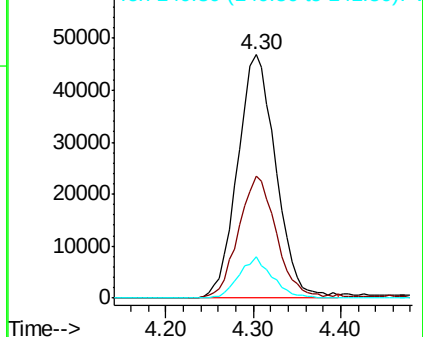
141 14.7 11.6 17.4

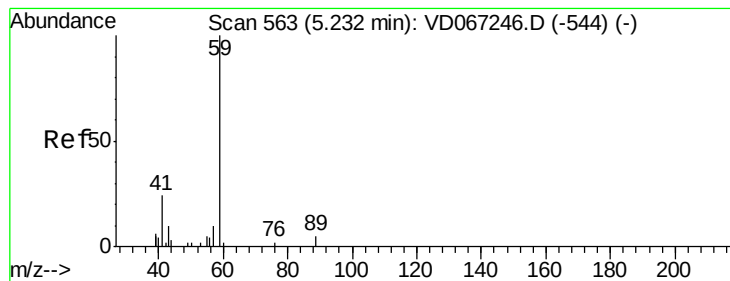


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 191.381 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

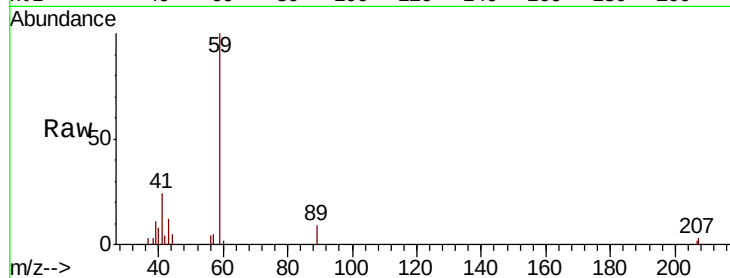
VSTD05006

Tot Ion: 59 Resp: 30250

Ion Ratio Lower Upper

59 100

57 3.9 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

10000

8000

6000

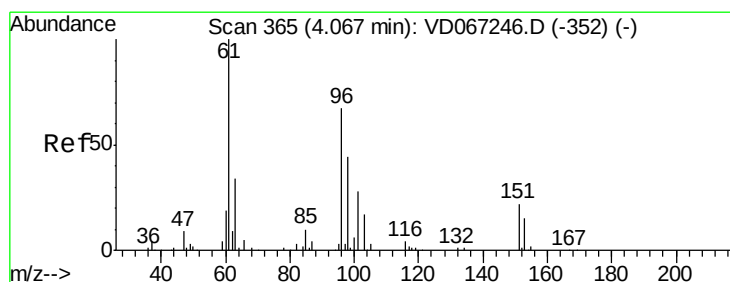
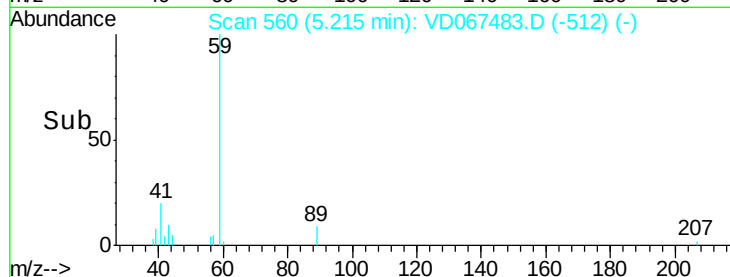
4000

2000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 48.714 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

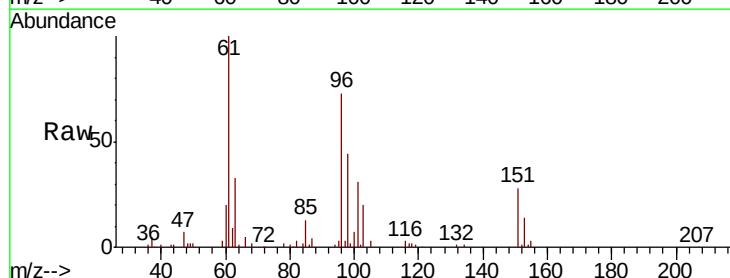
Tgt Ion: 96 Resp: 115549

Ion Ratio Lower Upper

96 100

61 137.1 118.6 177.8

98 60.4 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

80000

60000

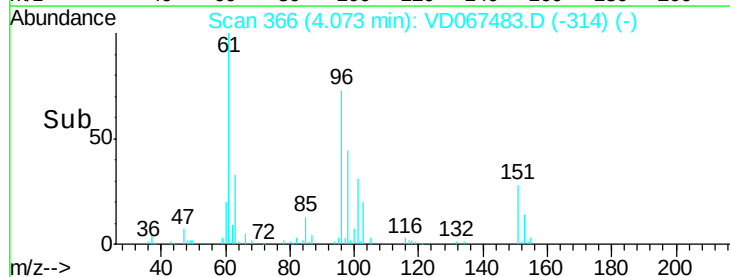
40000

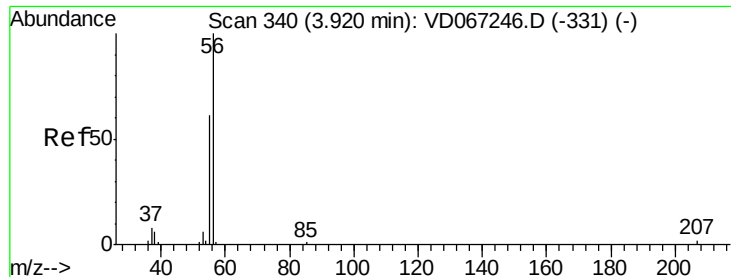
20000

0

4.00 4.10

Time-->





#13

Acrolein

Concen: 160.232 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

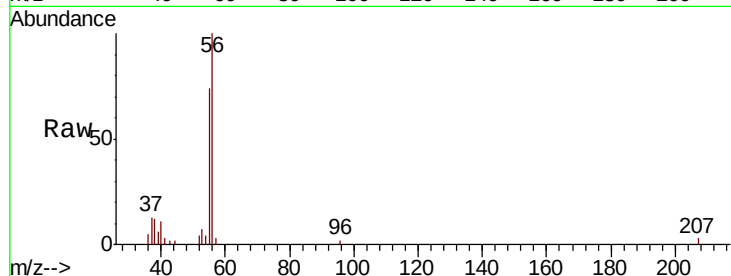
VSTD05006

Tot Ion: 56 Resp: 26108

Ion Ratio Lower Upper

56 100

55 73.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

10000

8000

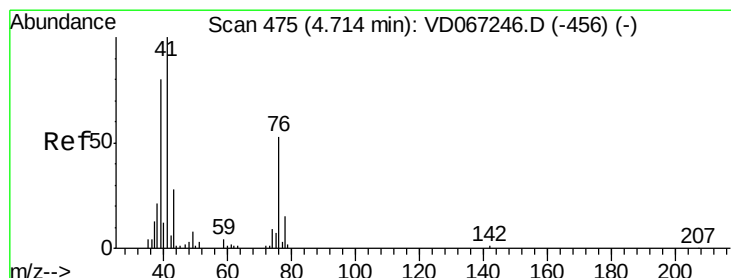
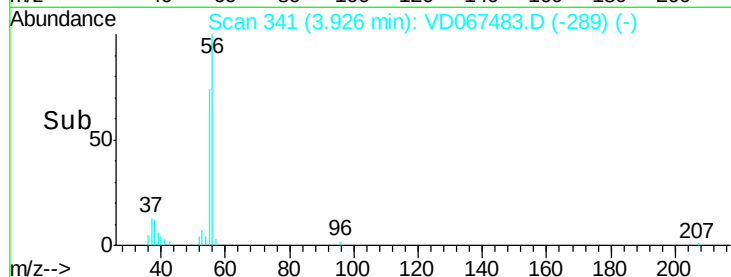
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 49.097 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

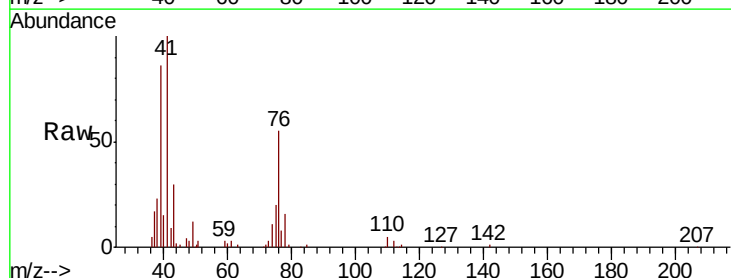
Tgt Ion: 41 Resp: 133364

Ion Ratio Lower Upper

41 100

39 86.6 63.8 95.6

76 51.8 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

50000

40000

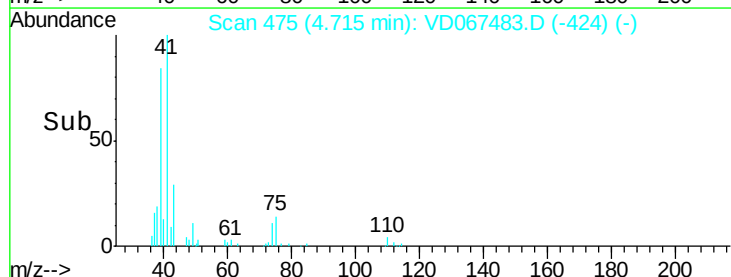
30000

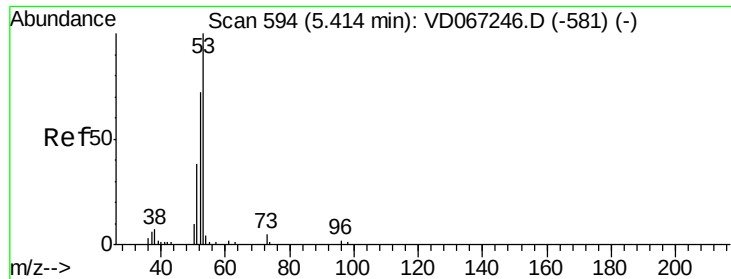
20000

10000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 236.216 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

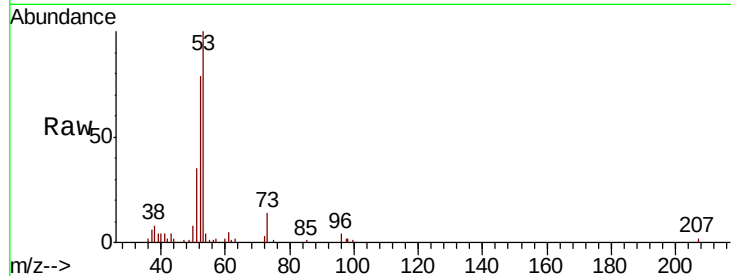
Tot Ion: 53 Resp: 90132

Ion Ratio Lower Upper

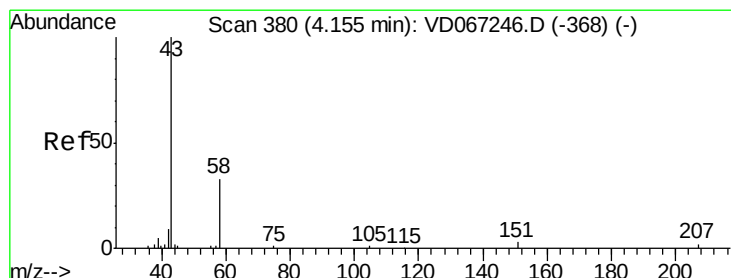
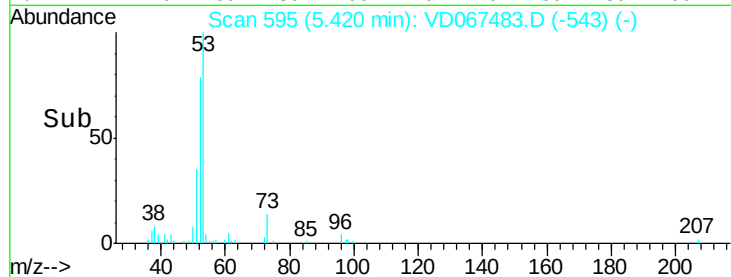
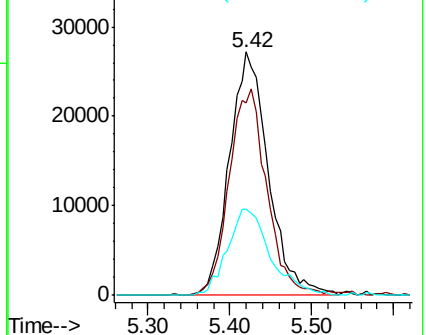
53 100

52 81.6 65.6 98.4

51 39.1 30.8 46.2



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: 268.780 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067483.D

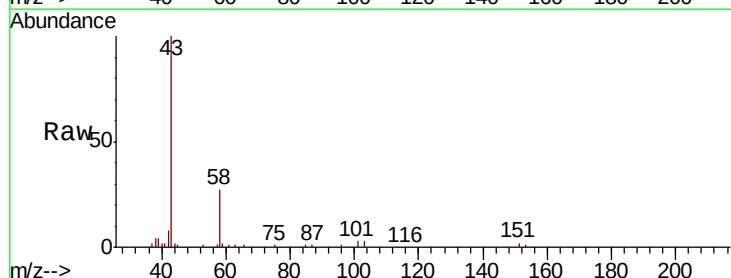
Acq: 02 Nov 2020 11:16

Tgt Ion: 43 Resp: 108386

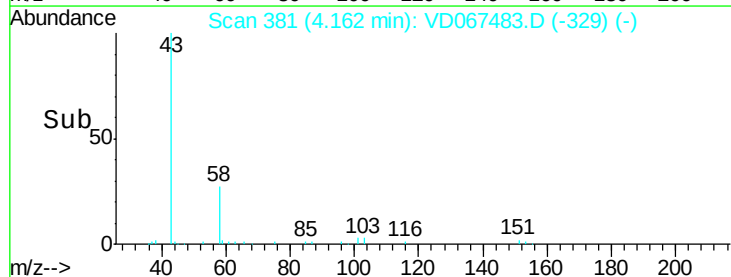
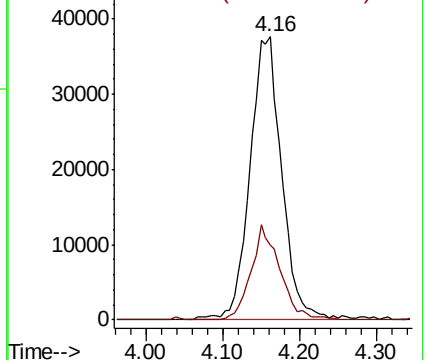
Ion Ratio Lower Upper

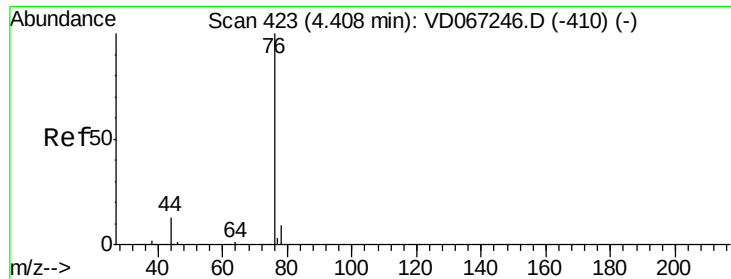
43 100

58 26.5 26.1 39.1



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

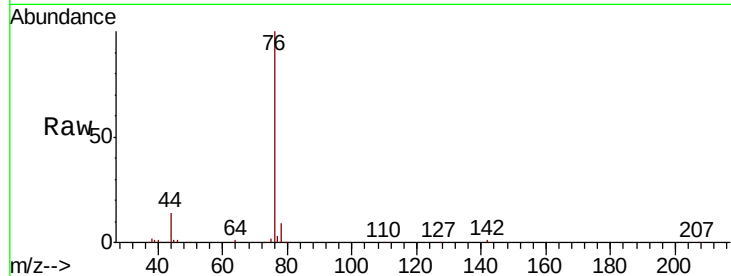




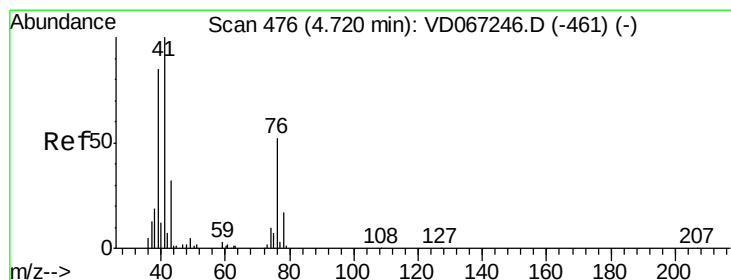
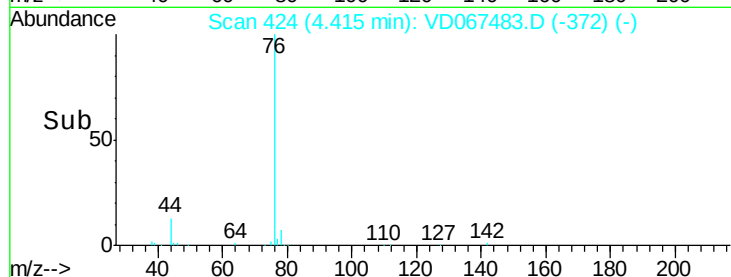
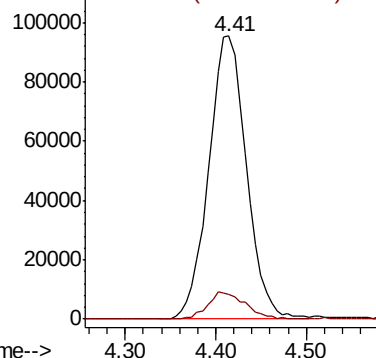
#17
Carbon Disulfide
Concen: 40.842 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 76 Resp: 276178
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

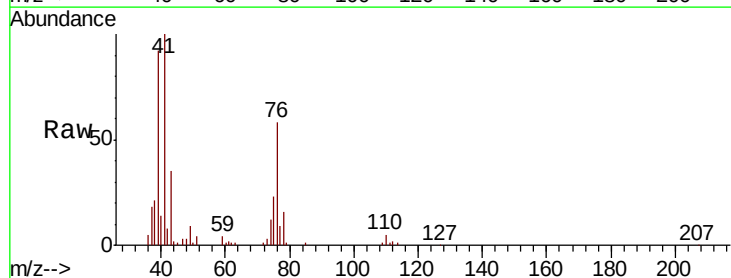


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

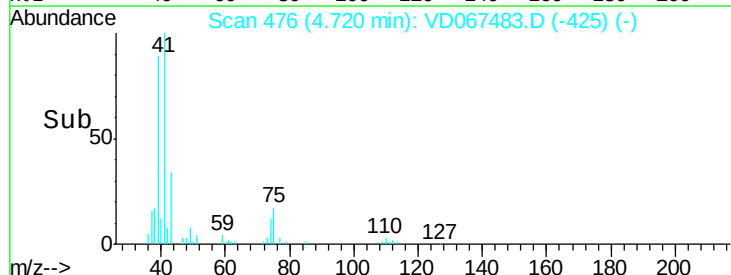
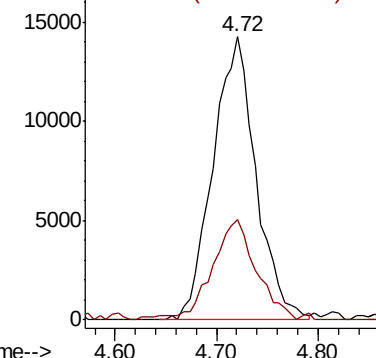


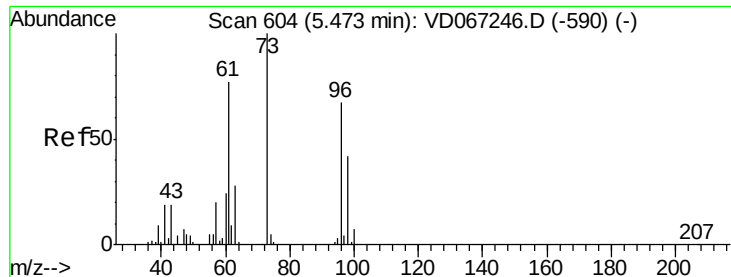
#18
Methyl Acetate
Concen: 45.664 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 43 Resp: 42000
Ion Ratio Lower Upper
43 100
74 36.6 26.6 39.8



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

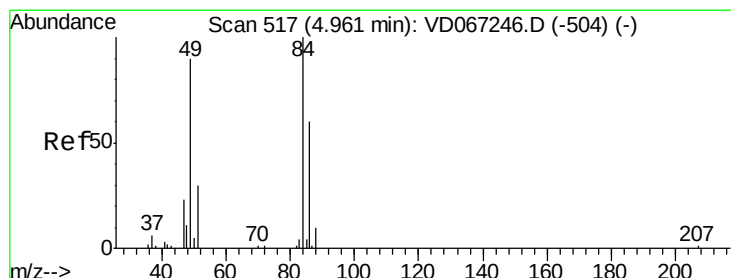
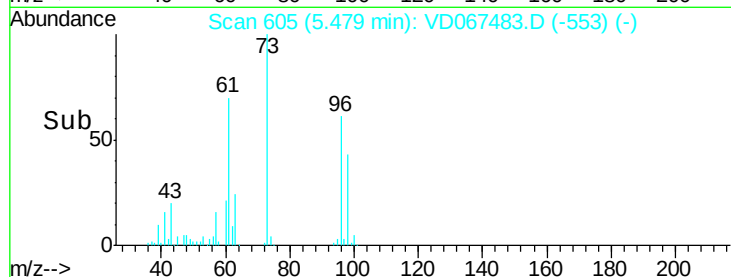
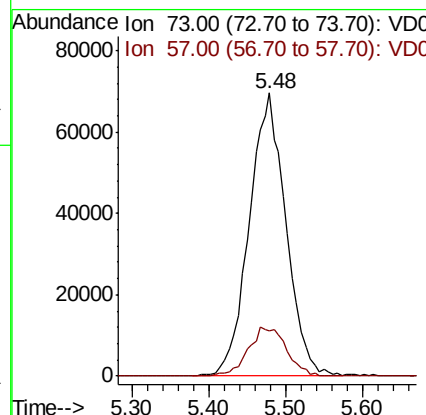
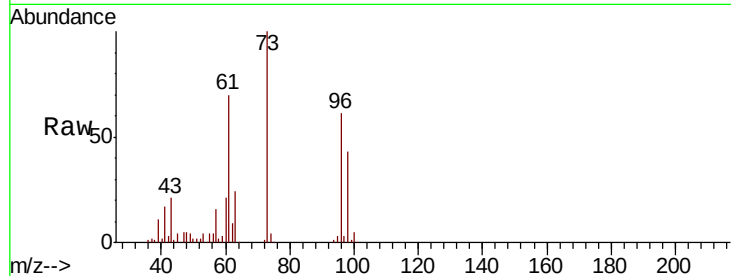




#19
Methyl tert-butyl Ether
Concen: 48.960 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

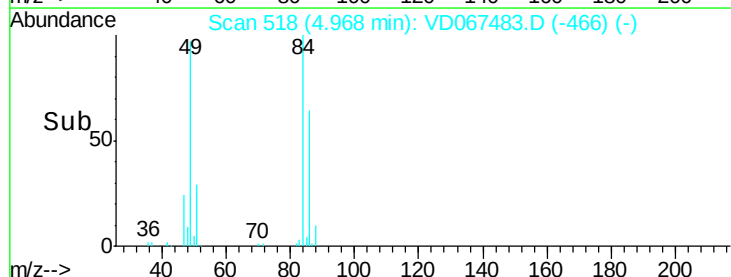
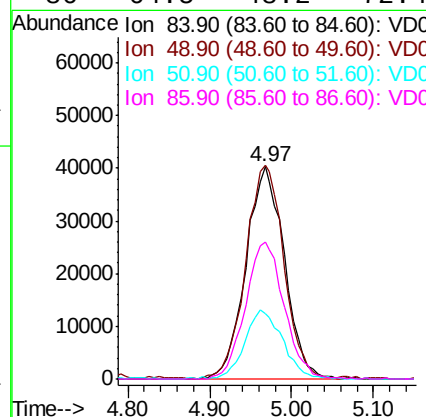
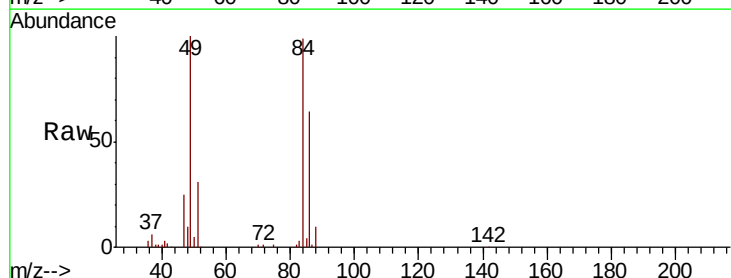
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

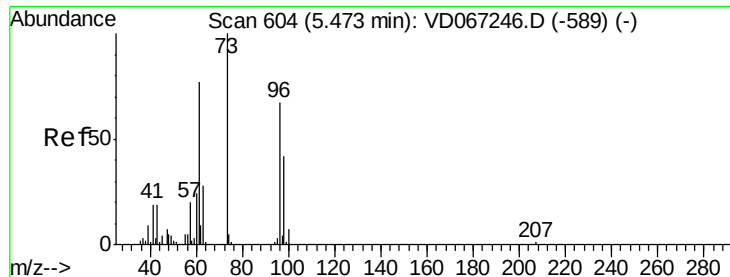
Tot Ion: 73 Resp: 230918
Ion Ratio Lower Upper
73 100
57 16.2 15.7 23.5



#20
Methylene Chloride
Concen: 51.118 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 84 Resp: 131781
Ion Ratio Lower Upper
84 100
49 99.8 72.2 108.2
51 30.7 23.8 35.8
86 64.5 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 48.656 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

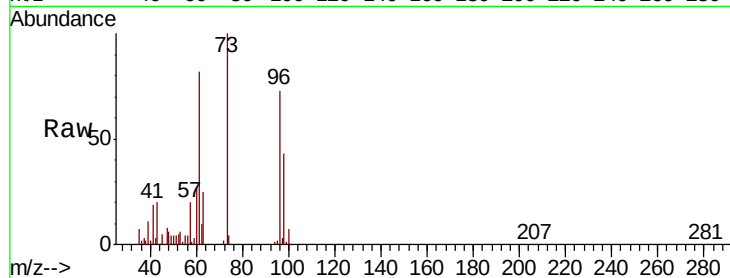
Tot Ion: 96 Resp: 132813

Ion Ratio Lower Upper

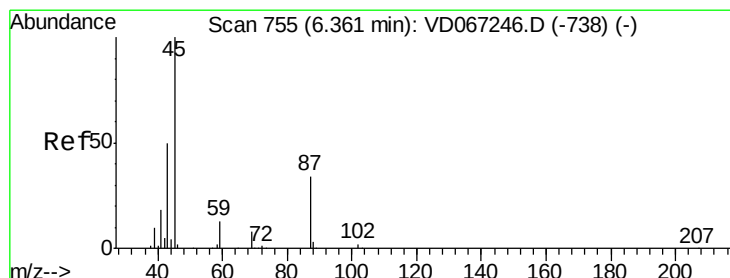
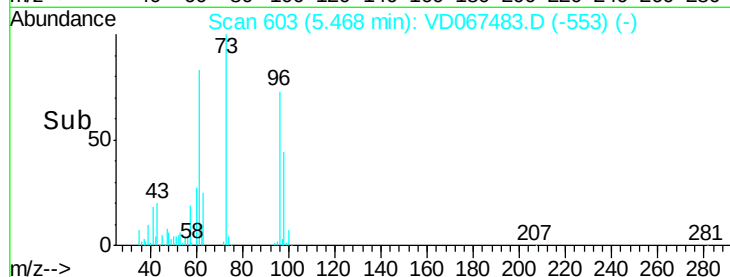
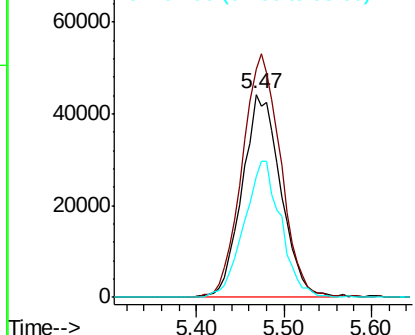
96 100

61 112.7 92.0 138.0

98 59.3 49.8 74.8



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



#22

Diisopropyl ether

Concen: 49.721 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Tgt Ion: 45 Resp: 246724

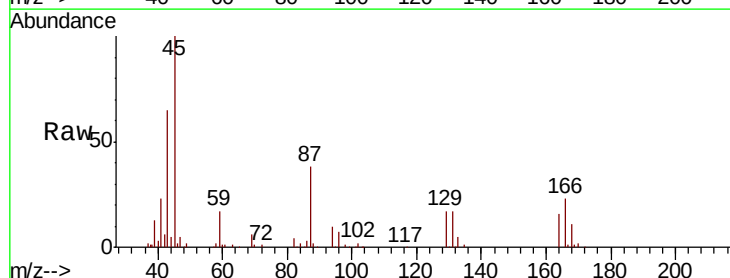
Ion Ratio Lower Upper

45 100

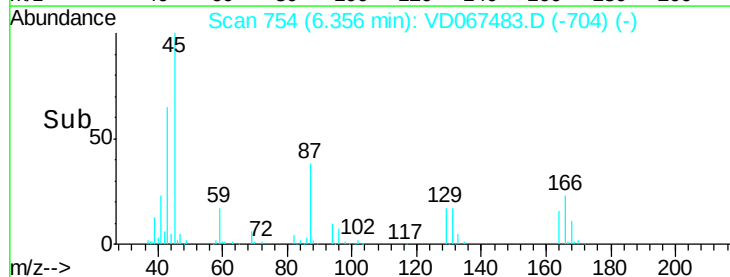
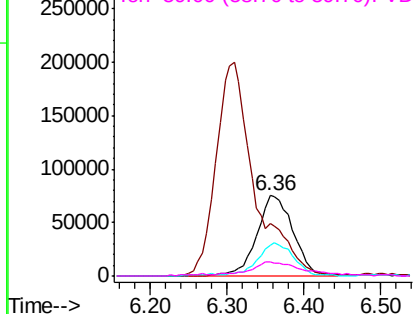
43 63.2 48.0 72.0

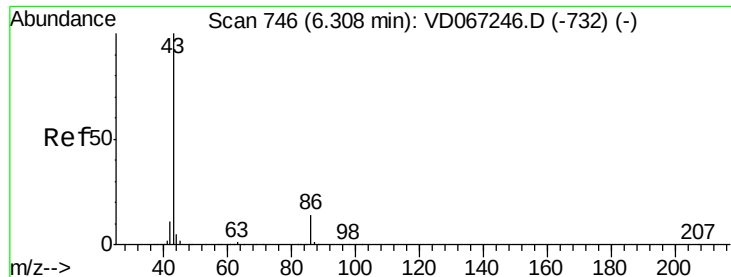
87 37.1 28.5 42.7

59 15.5 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 247.309 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

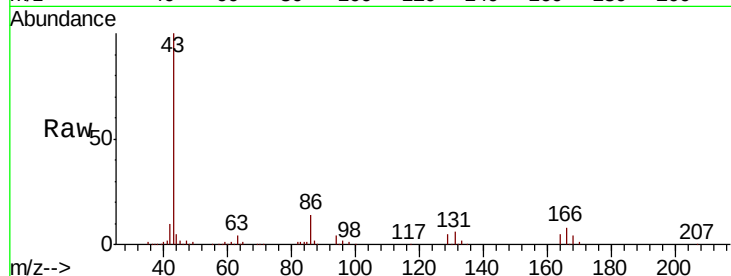
VSTD05006

Tot Ion: 43 Resp: 698169

Ion Ratio Lower Upper

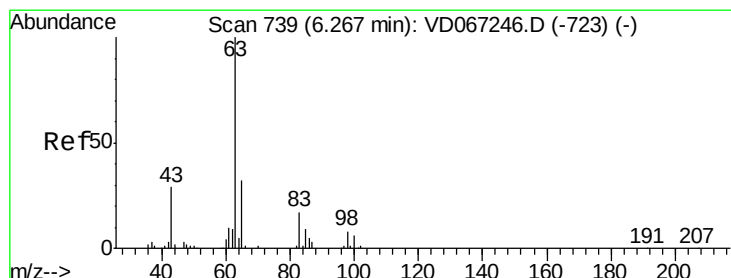
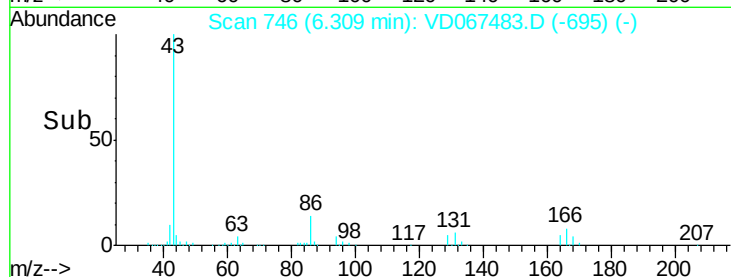
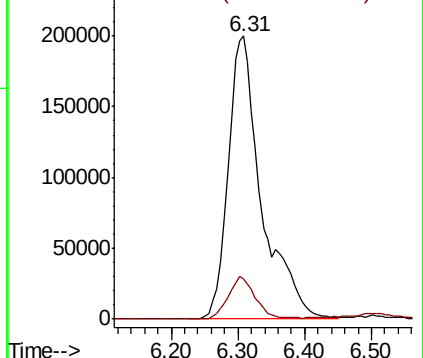
43 100

86 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.346 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

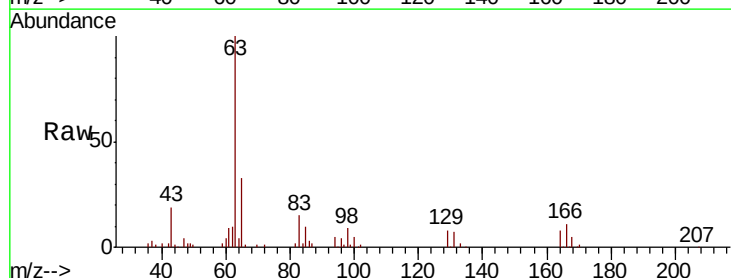
Tgt Ion: 63 Resp: 213850

Ion Ratio Lower Upper

63 100

98 9.1 4.0 12.2

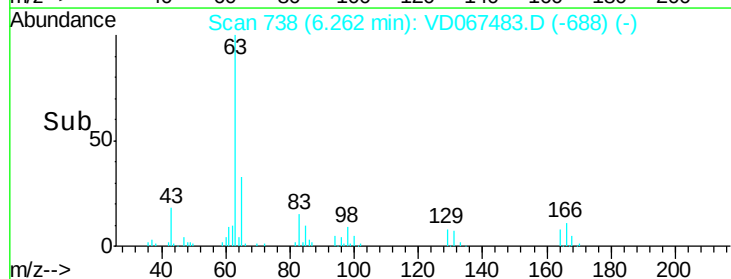
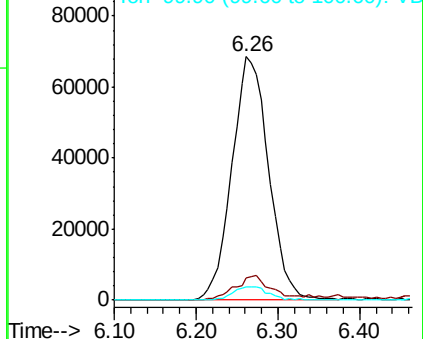
100 5.4 2.8 8.4

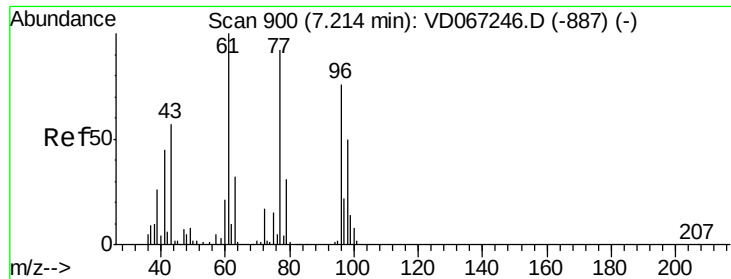


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

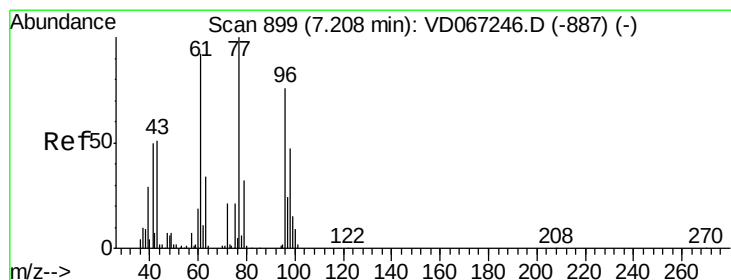
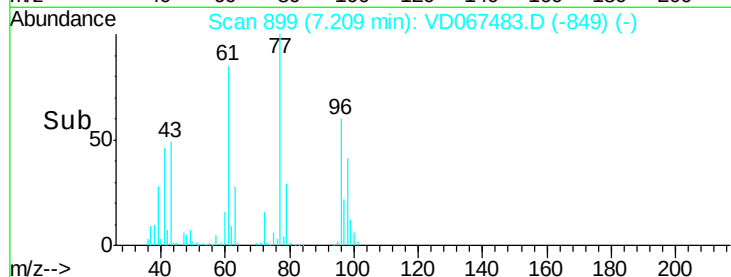
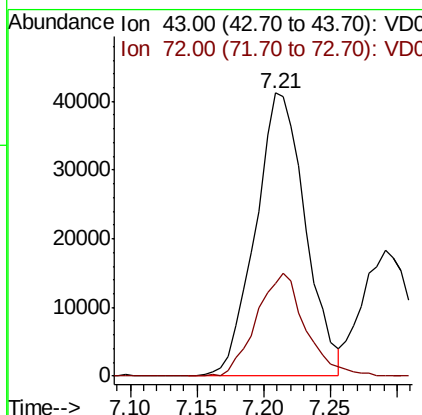
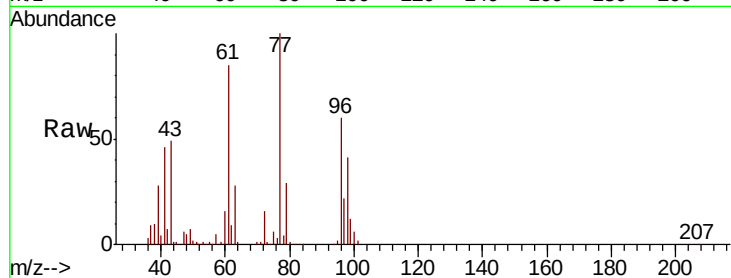




#25
2-Butanone
Concen: 233.215 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

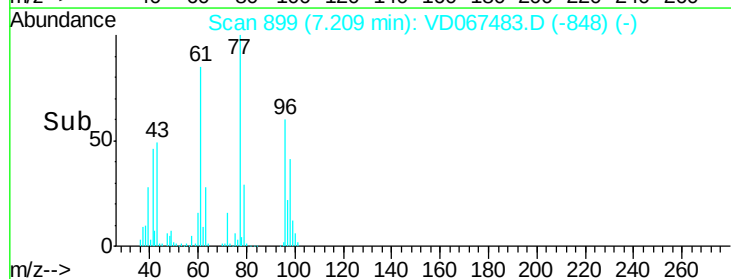
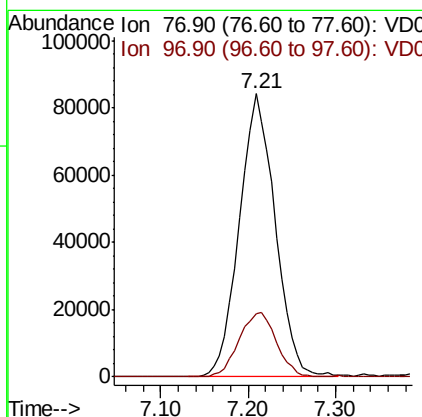
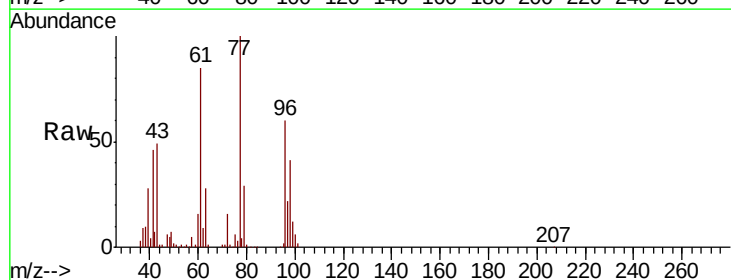
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

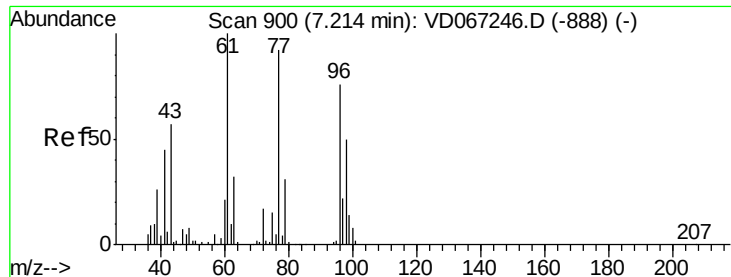
Tot Ion: 43 Resp: 107201
Ion Ratio Lower Upper
43 100
72 32.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 53.551 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 77 Resp: 234453
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.2



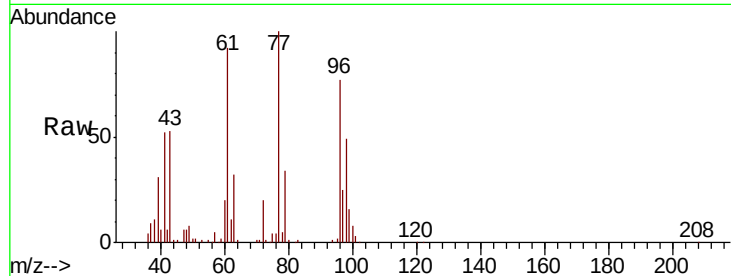


#27

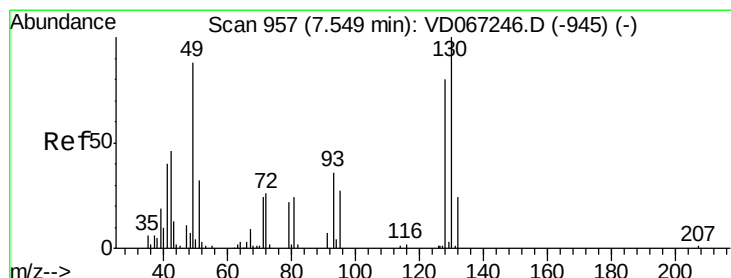
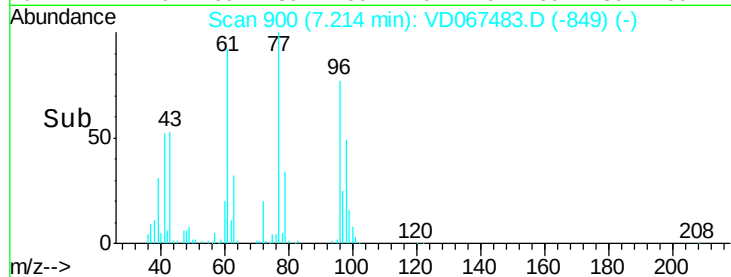
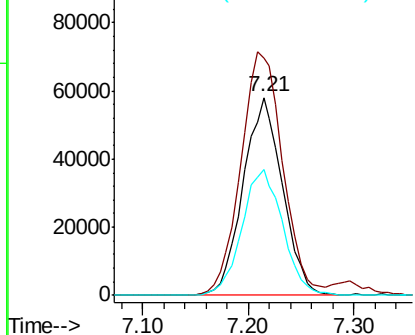
cis-1,2-Dichloroethene
Concen: 50.308 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 96 Resp: 150501
Ion Ratio Lower Upper
96 100
61 130.9 0.0 255.4
98 65.7 0.0 128.0



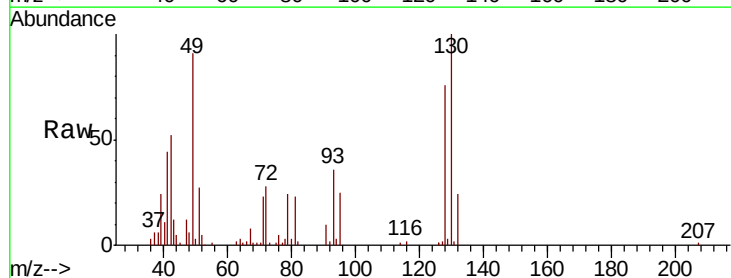
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



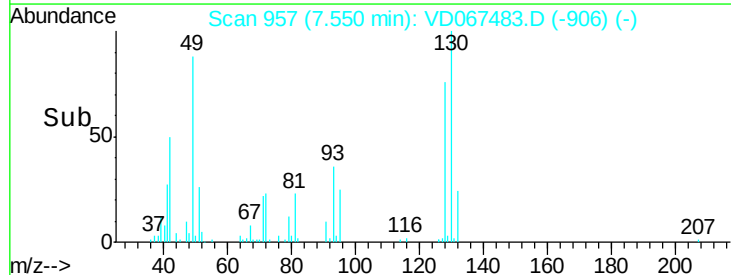
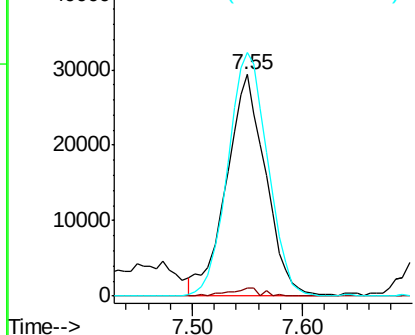
#28

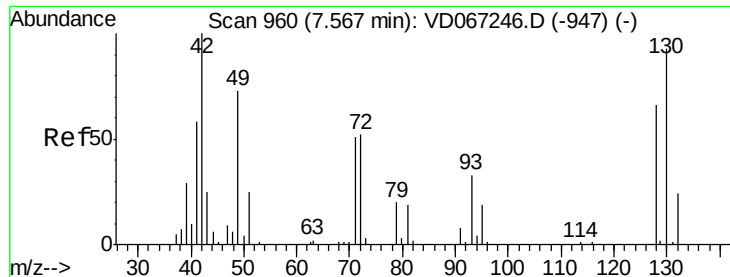
Bromochloromethane
Concen: 50.437 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 49 Resp: 73074
Ion Ratio Lower Upper
49 100
129 2.9 0.0 1.6#
130 111.6 91.0 136.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 227.056 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

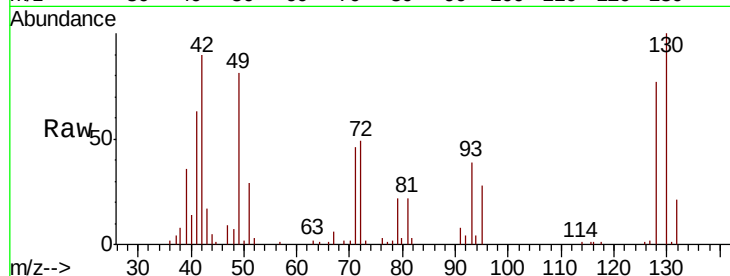
Tot Ion: 42 Resp: 58017

Ion Ratio Lower Upper

42 100

72 56.6 43.2 64.8

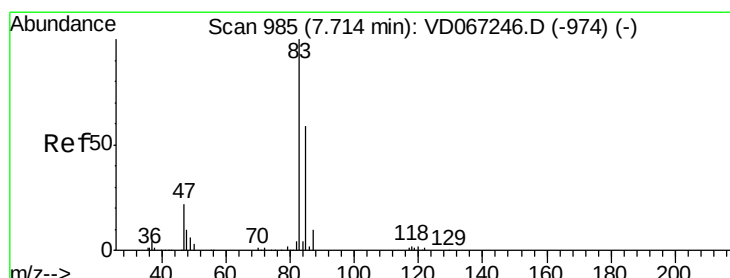
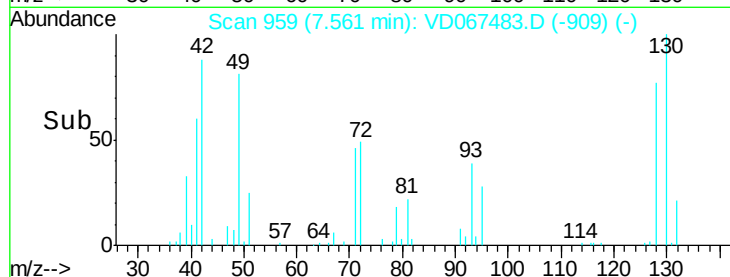
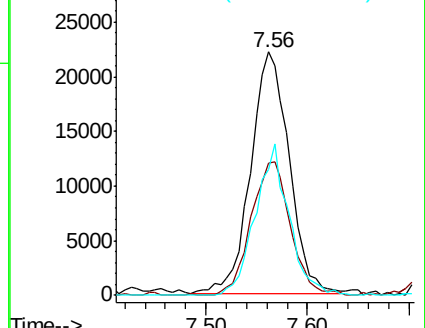
71 55.2 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 50.970 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067483.D

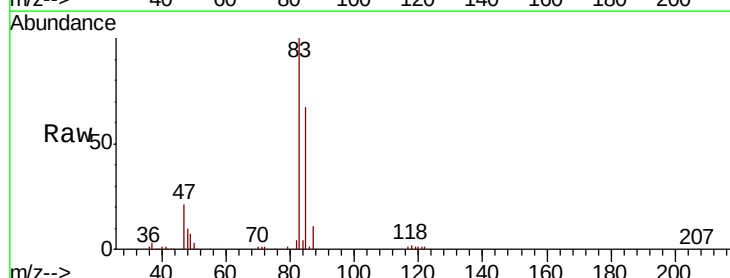
Acq: 02 Nov 2020 11:16

Tgt Ion: 83 Resp: 258636

Ion Ratio Lower Upper

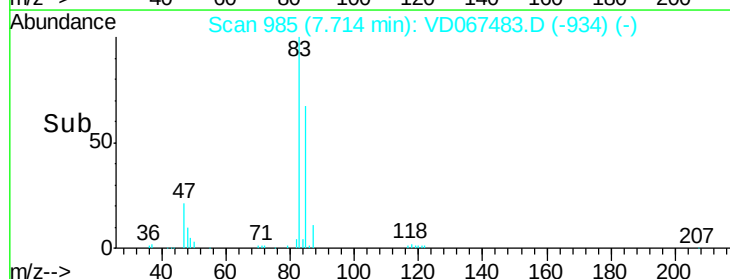
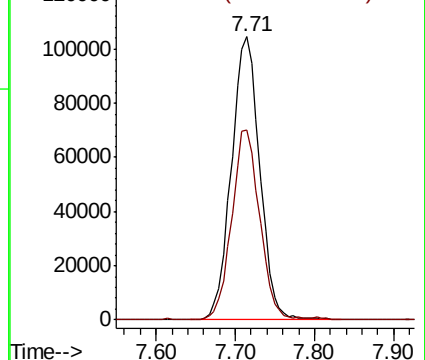
83 100

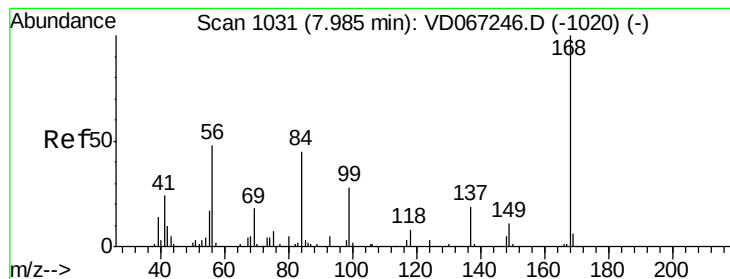
85 67.0 47.3 70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 44.501 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

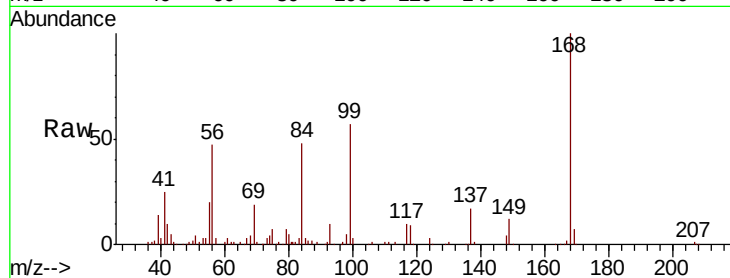
Tot Ion: 56 Resp: 147583

Ion Ratio Lower Upper

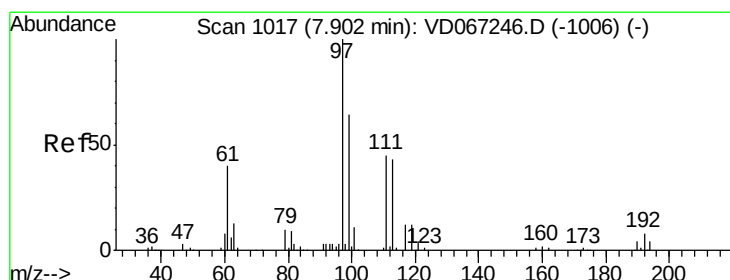
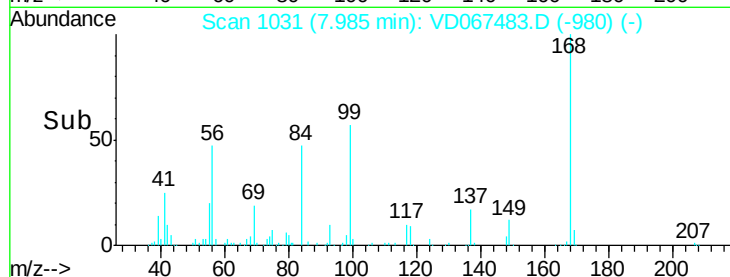
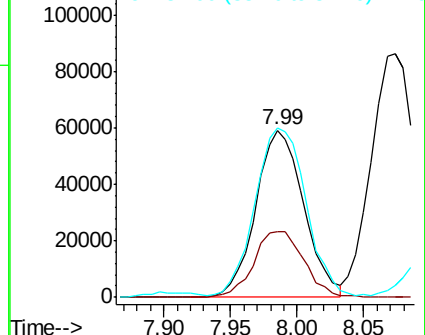
56 100

69 39.7 29.8 44.6

84 99.0 76.6 114.8



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: 53.413 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

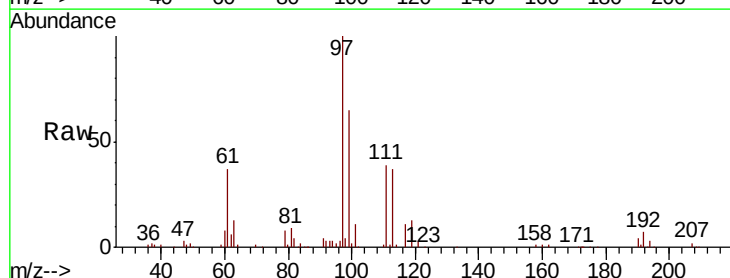
Tgt Ion: 97 Resp: 265924

Ion Ratio Lower Upper

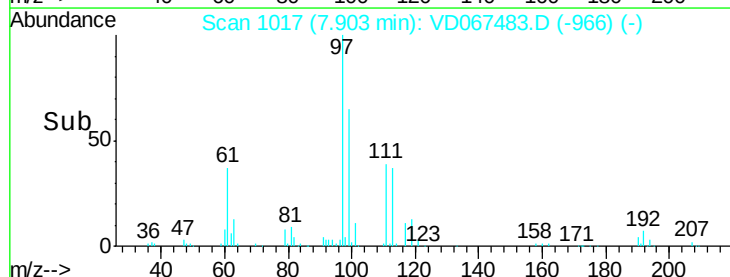
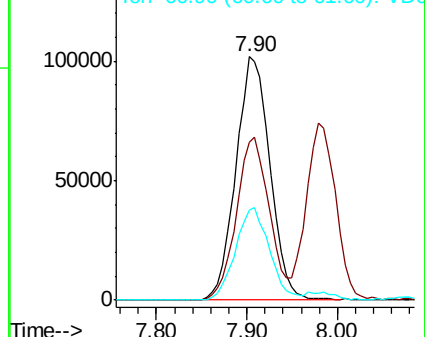
97 100

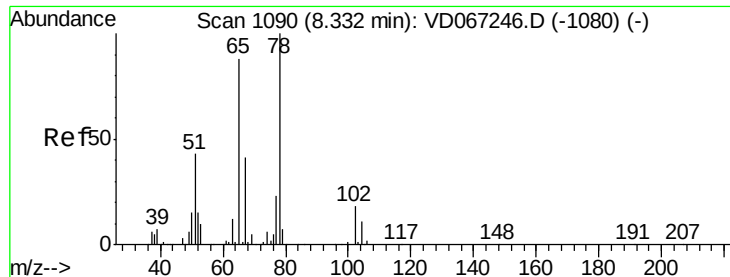
99 65.3 50.2 75.4

61 38.0 30.5 45.7



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

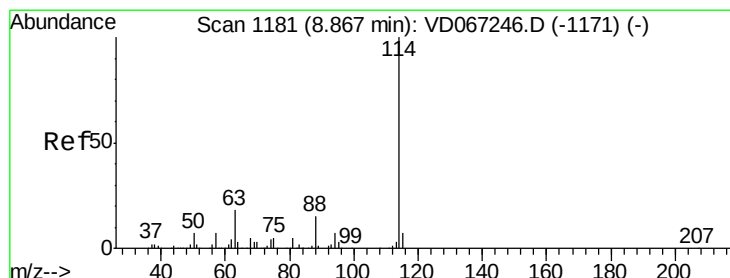
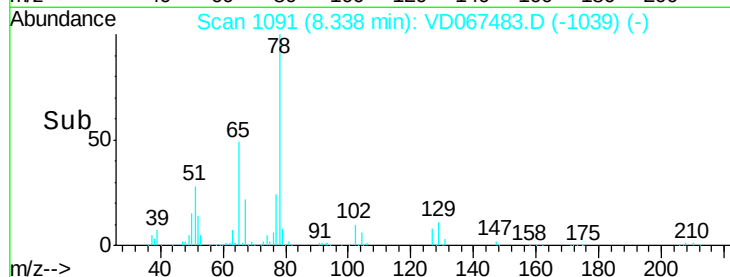
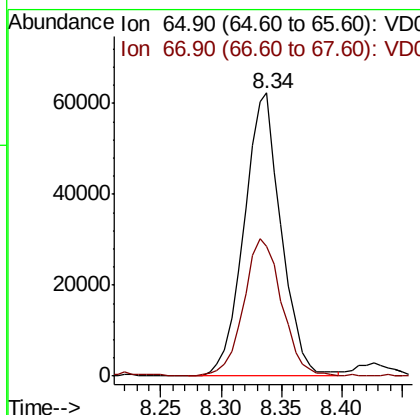
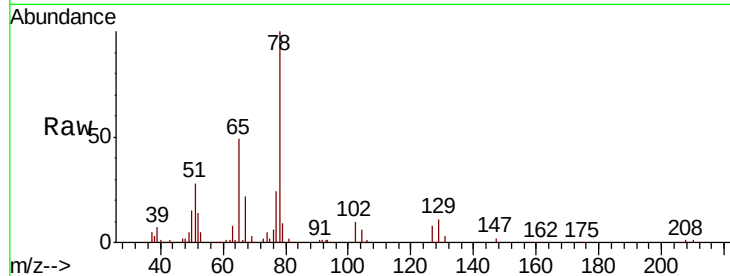




#33
 1,2-Dichloroethane-d4
 Concen: 46.237 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

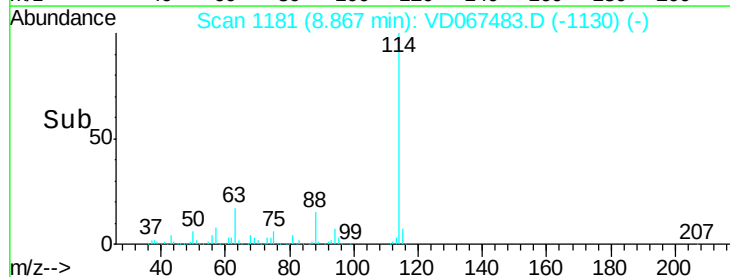
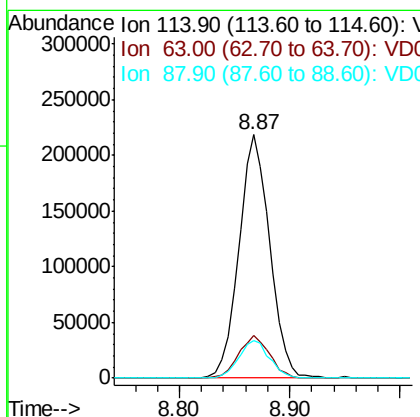
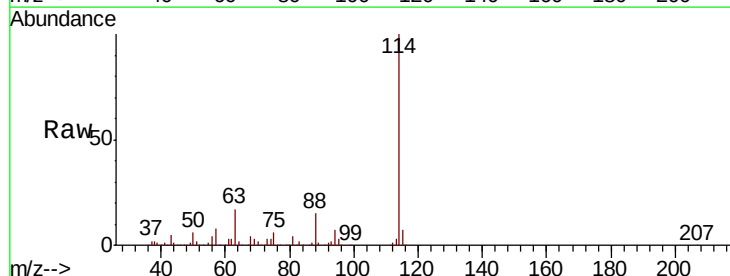
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

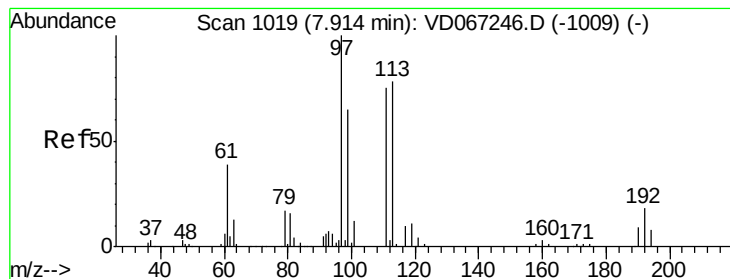
Tot Ion: 65 Resp: 133132
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion: 114 Resp: 429029
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.766 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

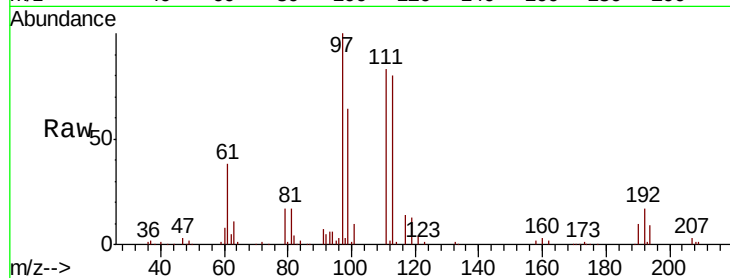
Tot Ion:113 Resp: 142092

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

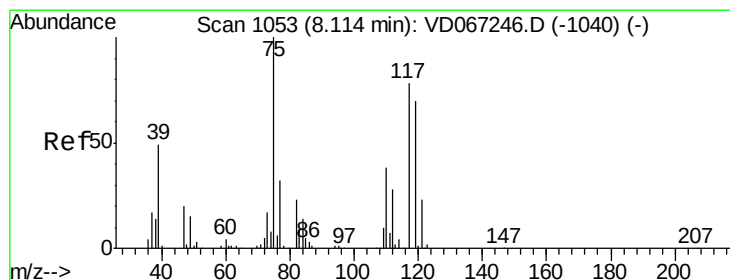
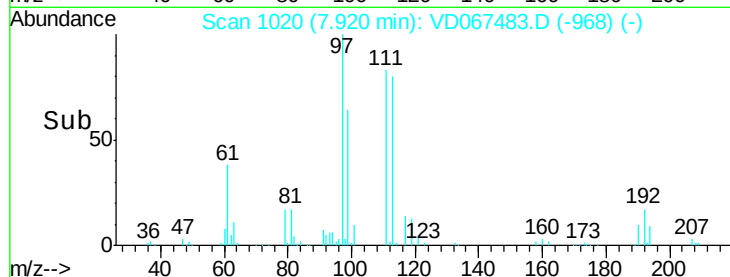
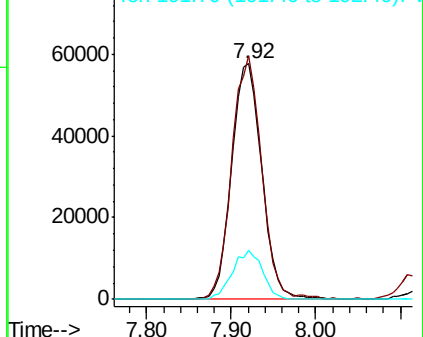
192 20.6 17.0 25.4



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: 50.554 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

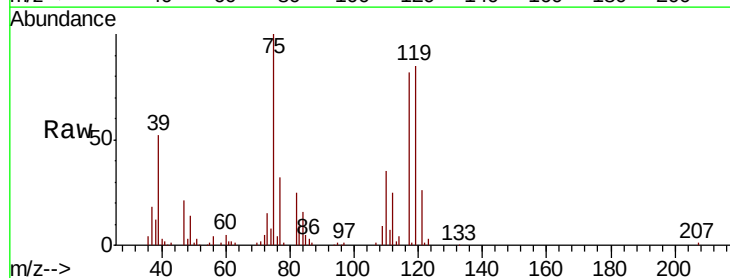
Tgt Ion: 75 Resp: 183831

Ion Ratio Lower Upper

75 100

110 38.6 19.6 58.7

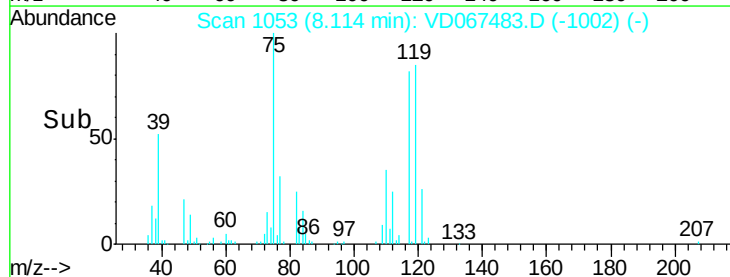
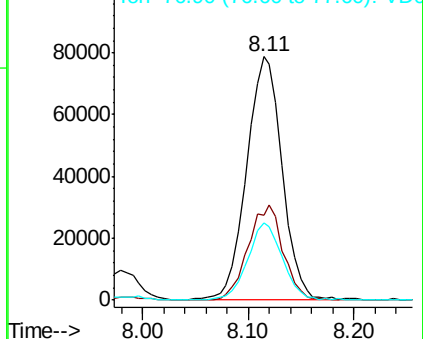
77 31.3 24.6 37.0

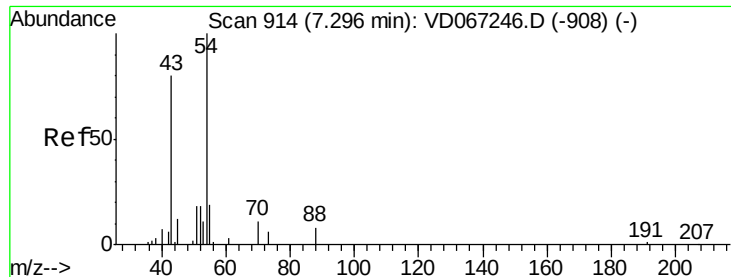


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

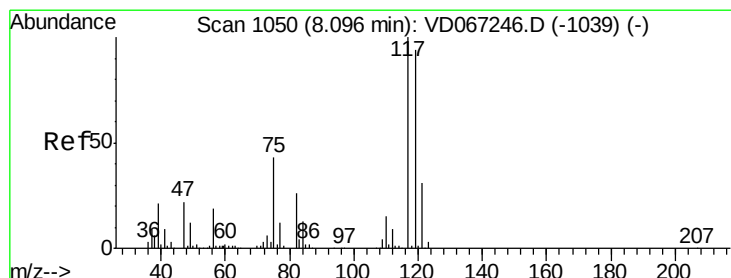
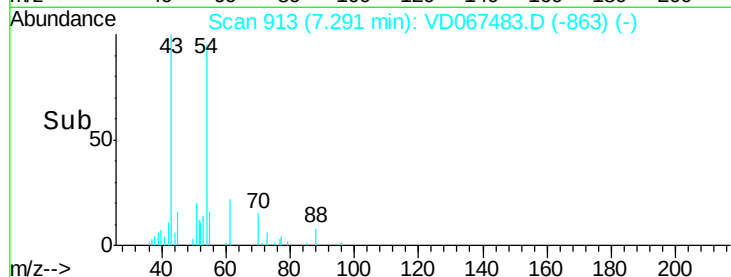
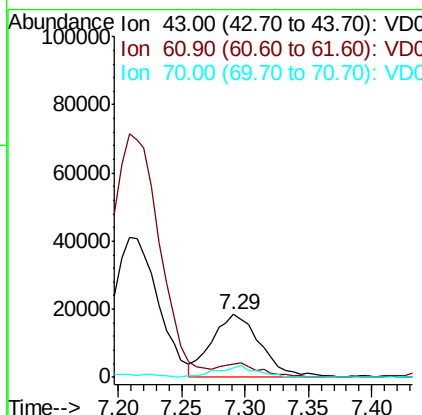
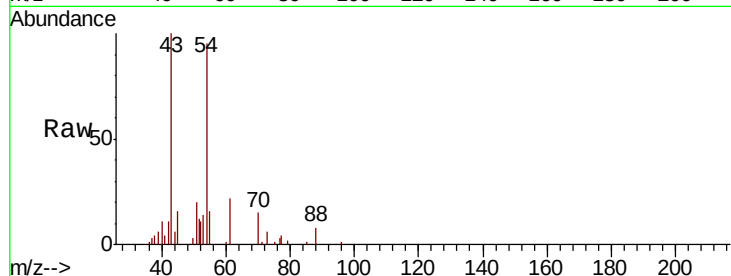




#37
Ethyl Acetate
Concen: 45.608 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

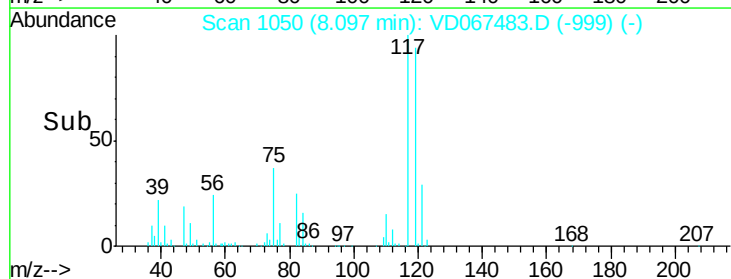
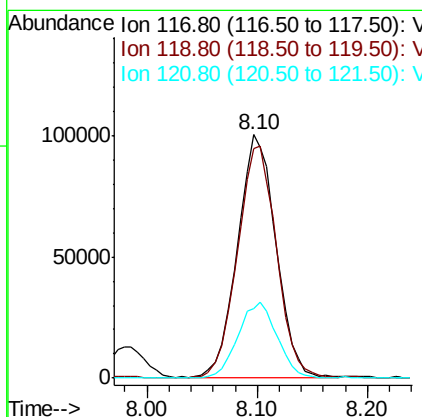
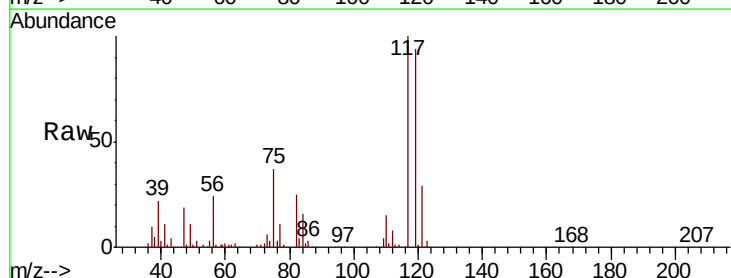
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

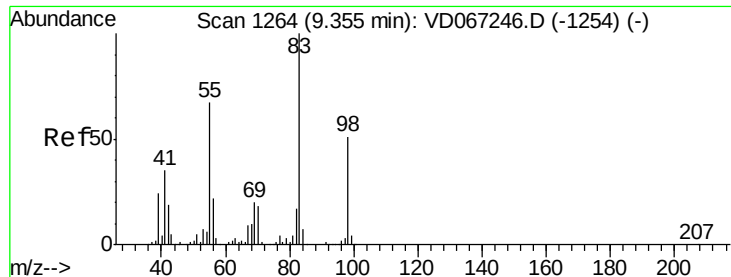
Tot Ion: 43 Resp: 48794
Ion Ratio Lower Upper
43 100
61 18.8 15.6 23.4
70 15.1 10.4 15.6



#38
Carbon Tetrachloride
Concen: 52.521 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 117 Resp: 244091
Ion Ratio Lower Upper
117 100
119 94.4 75.0 112.4
121 28.8 24.9 37.3

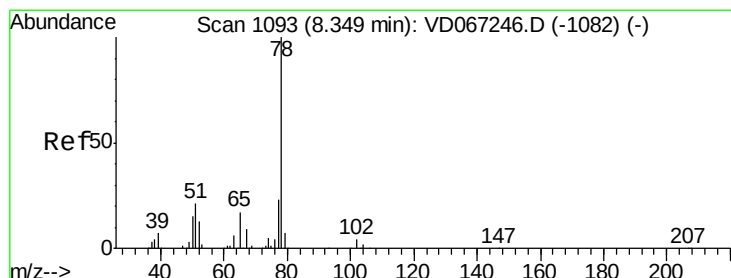
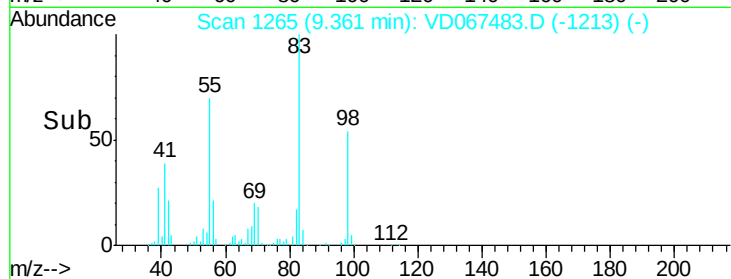
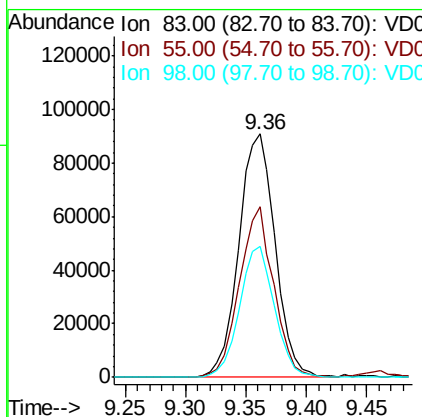
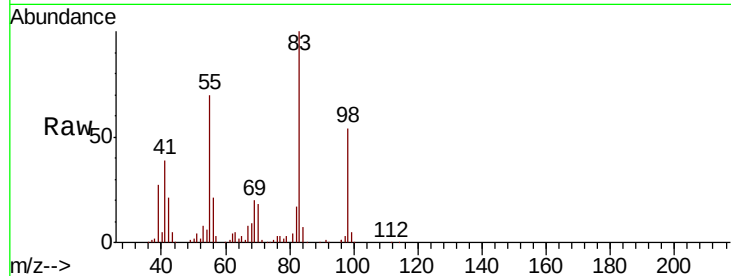




#39
Methylvlcyclohexane
Concen: 50.332 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

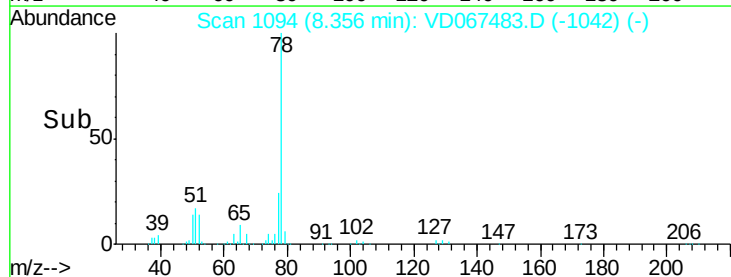
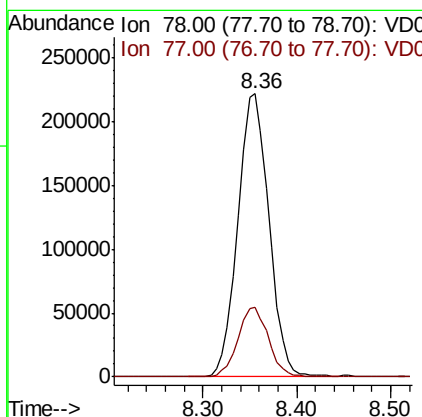
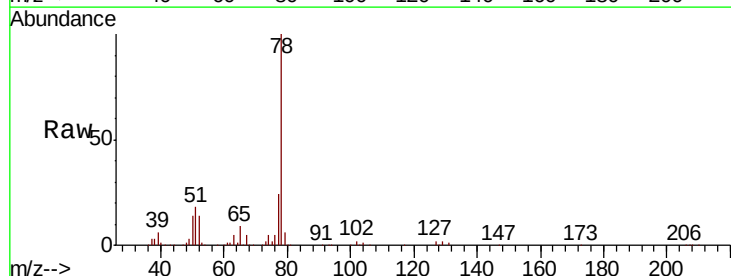
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

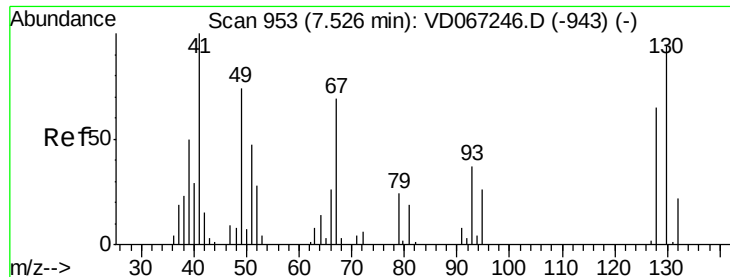
Tot Ion: 83 Resp: 191337
Ion Ratio Lower Upper
83 100
55 70.3 53.3 79.9
98 54.0 41.0 61.4



#40
Benzene
Concen: 51.094 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 78 Resp: 509708
Ion Ratio Lower Upper
78 100
77 24.5 18.3 27.5

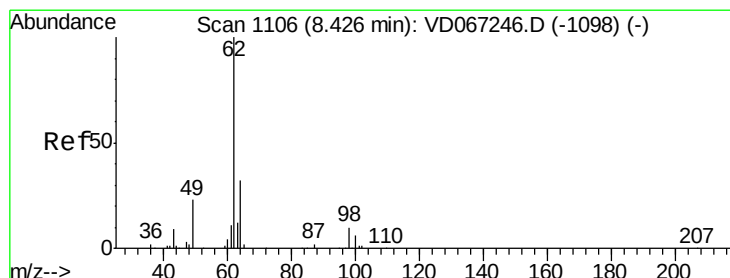
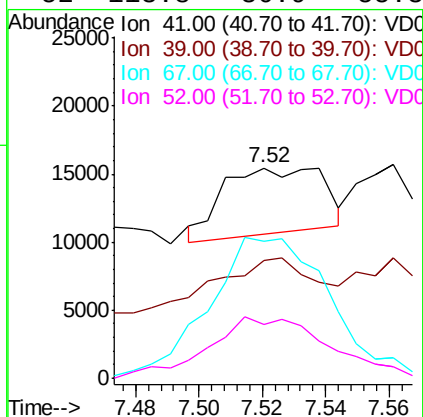
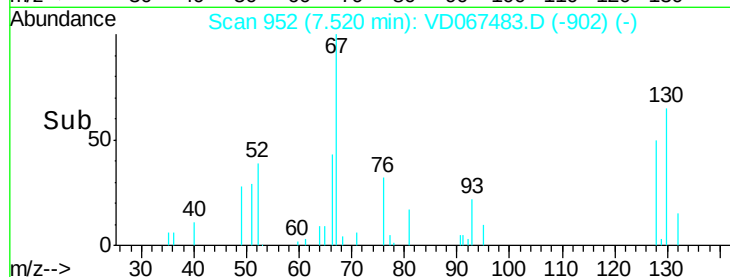
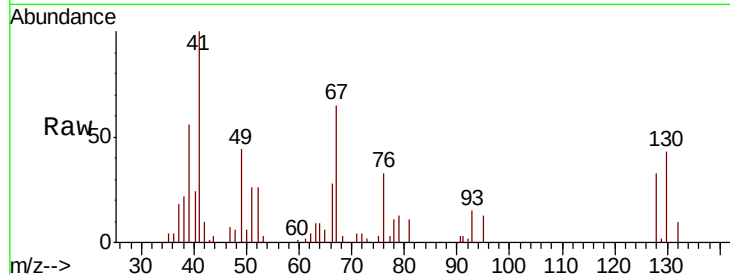




#41
Methacrylonitrile
Concen: 18.220 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

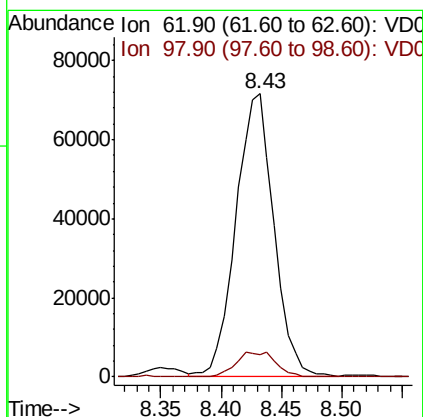
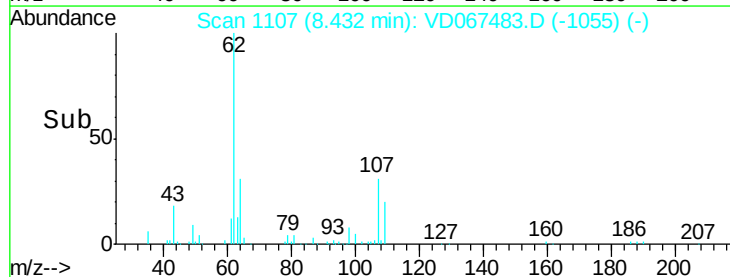
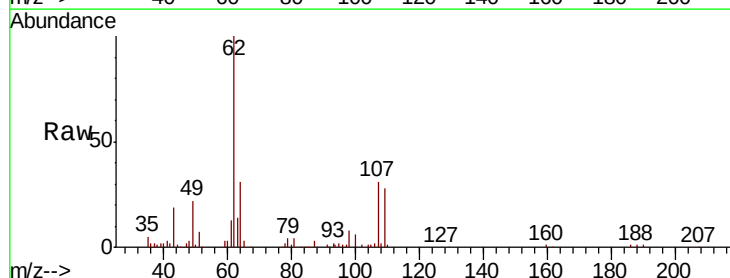
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

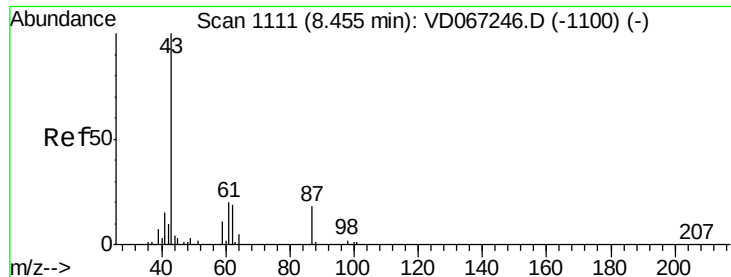
Tot Ion: 41 Resp: 10534
Ion Ratio Lower Upper
41 100
39 71.4 60.0 90.0
67 262.9 88.9 133.3#
52 113.8 36.9 55.3#



#42
1,2-Dichloroethane
Concen: 49.948 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 62 Resp: 155934
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43

Isopropyl Acetate

Concen: 47.822 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

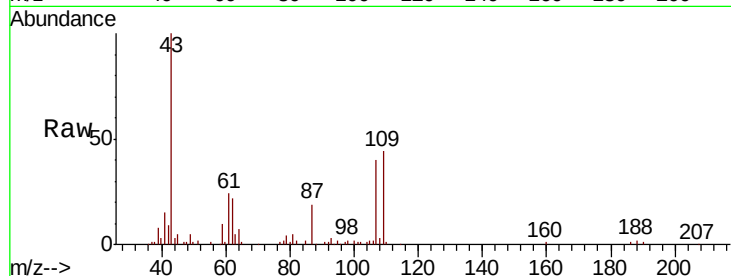
Tot Ion: 43 Resp: 101521

Ion Ratio Lower Upper

43 100

61 36.4 29.5 44.3

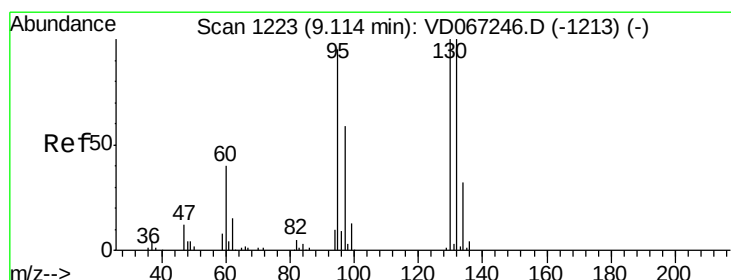
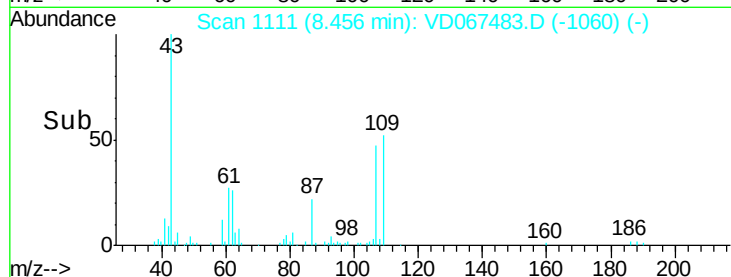
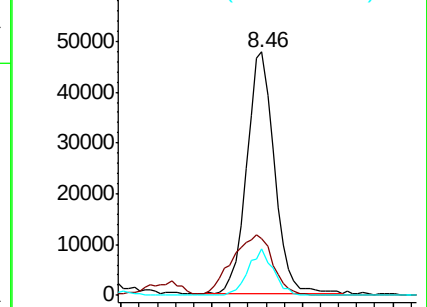
87 17.5 14.2 21.4



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: 52.505 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067483.D

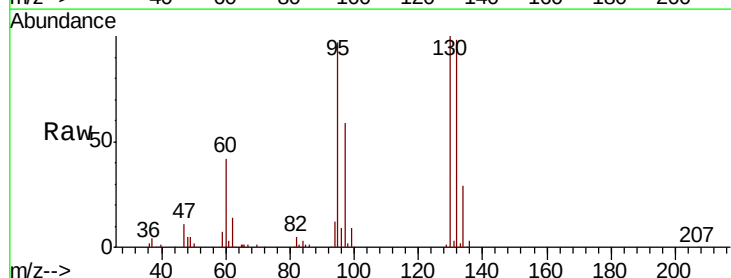
Acq: 02 Nov 2020 11:16

Tgt Ion:130 Resp: 167701

Ion Ratio Lower Upper

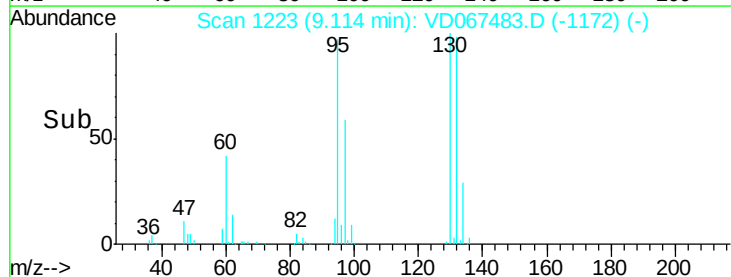
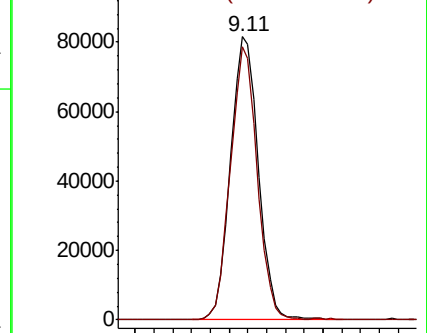
130 100

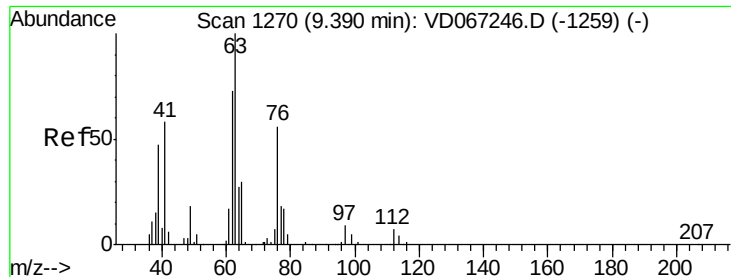
95 96.6 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

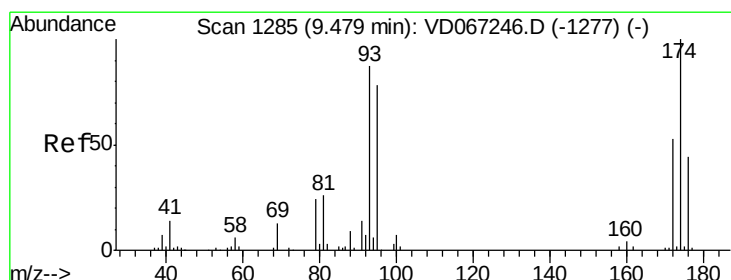
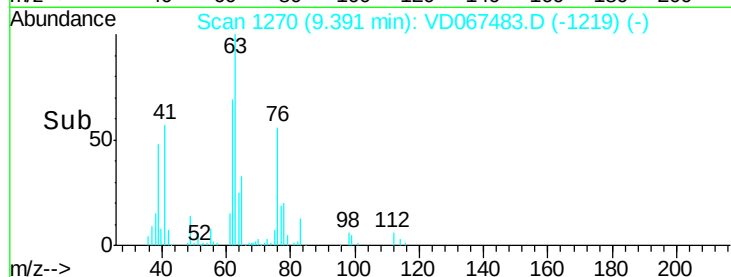
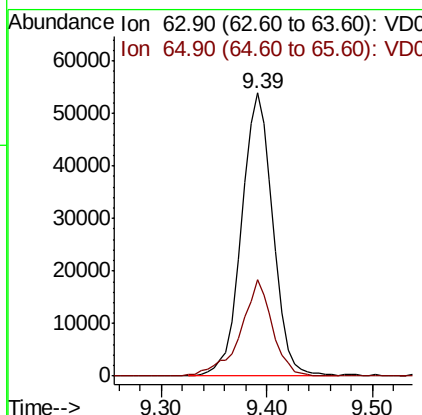
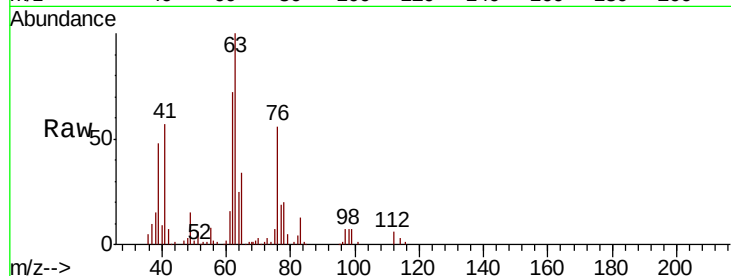




#45
 1,2-Dichloropropane
 Concen: 48.071 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

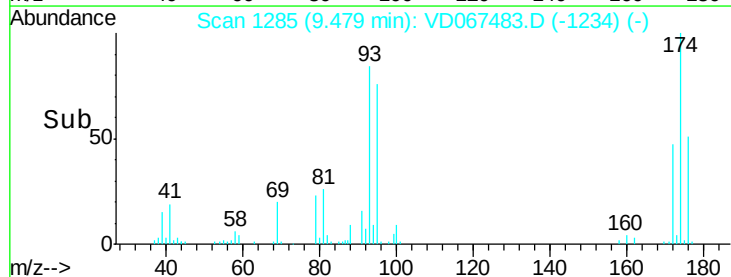
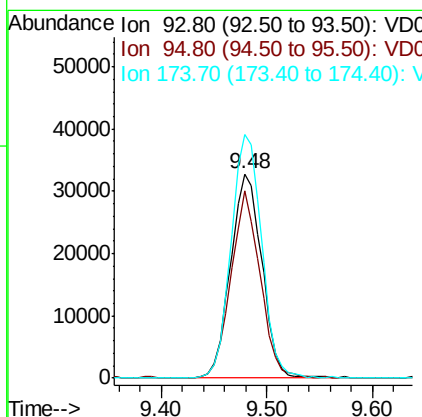
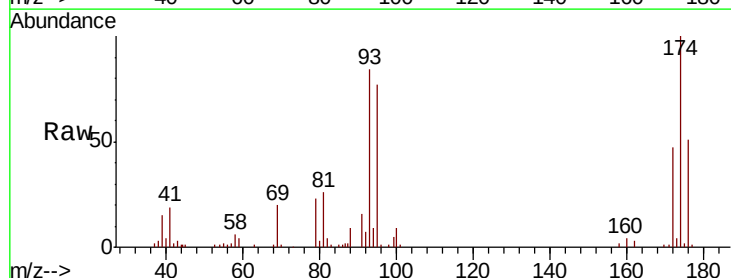
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

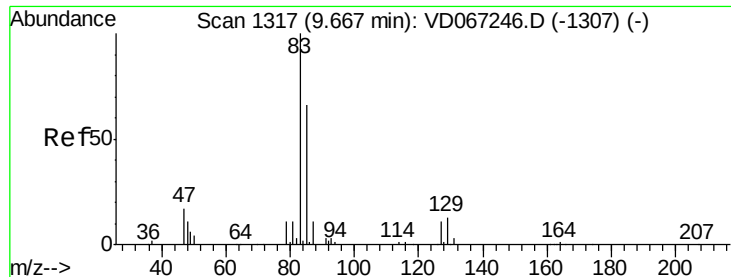
Tot Ion: 63 Resp: 111139
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.6 36.8



#46
 Dibromomethane
 Concen: 46.789 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion: 93 Resp: 67399
 Ion Ratio Lower Upper
 93 100
 95 84.7 68.0 102.0
 174 115.5 91.8 137.6

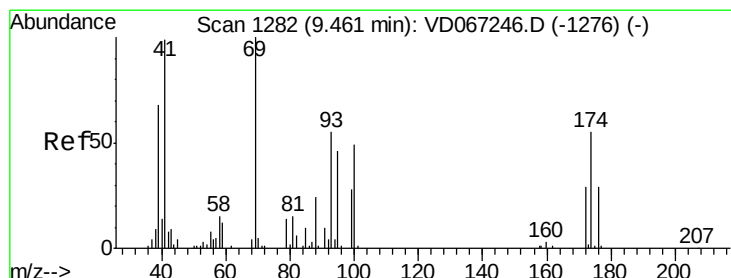
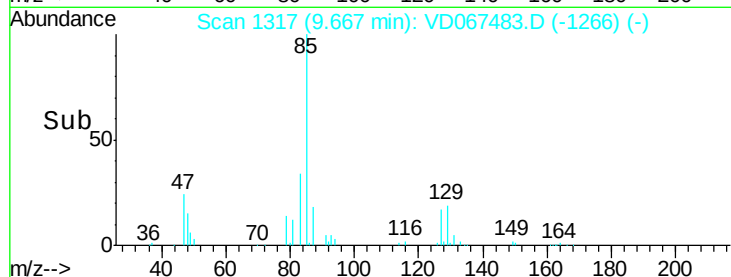
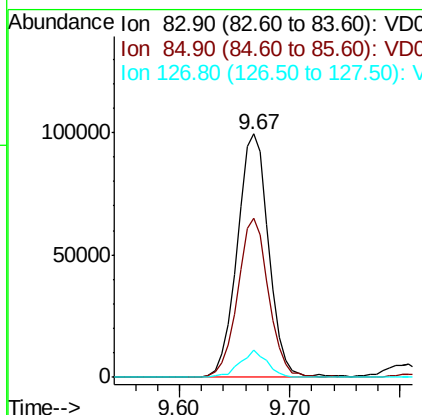
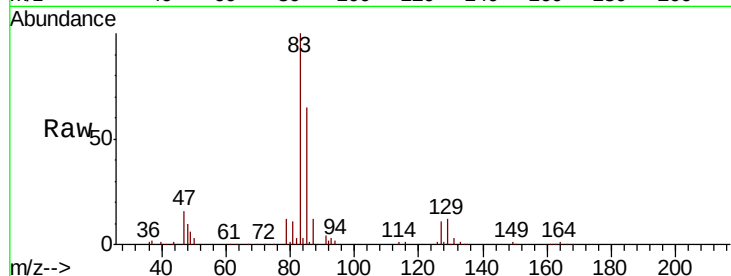




#47
Bromodichloromethane
Concen: 51.417 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

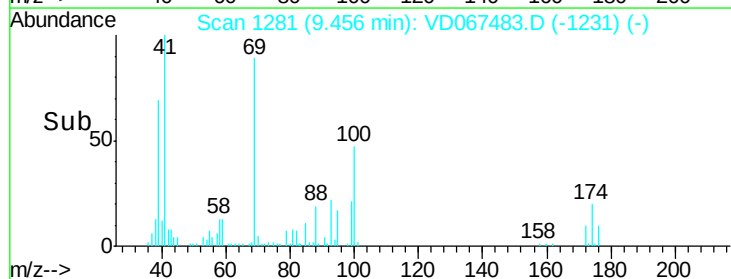
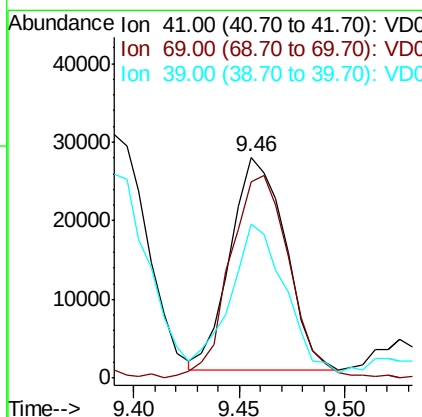
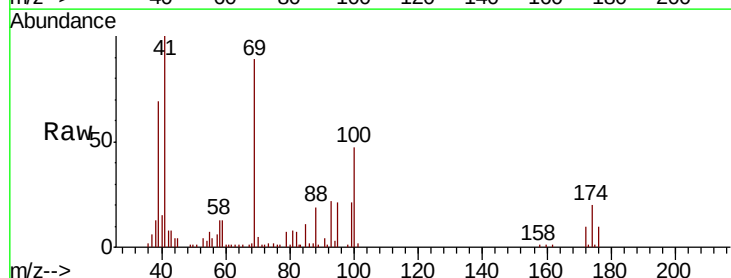
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

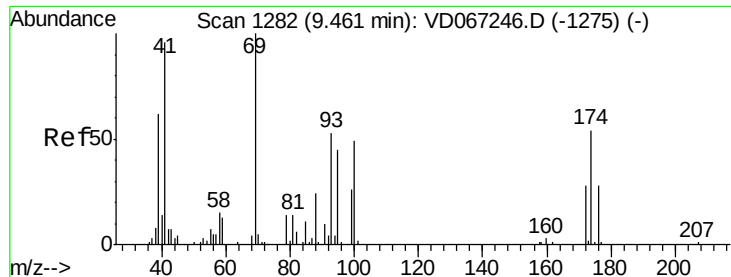
Tot Ion: 83 Resp: 198436
Ion Ratio Lower Upper
83 100
85 65.3 53.1 79.7
127 11.0 8.6 13.0



#48
Methyl methacrylate
Concen: 47.228 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 41 Resp: 48723
Ion Ratio Lower Upper
41 100
69 104.0 89.0 133.6
39 69.9 60.2 90.2

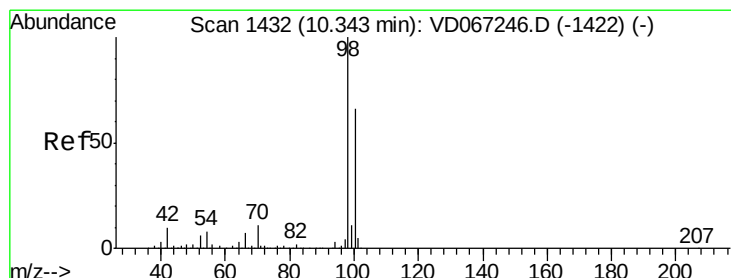
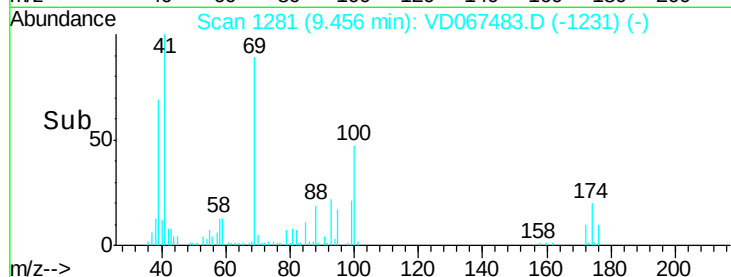
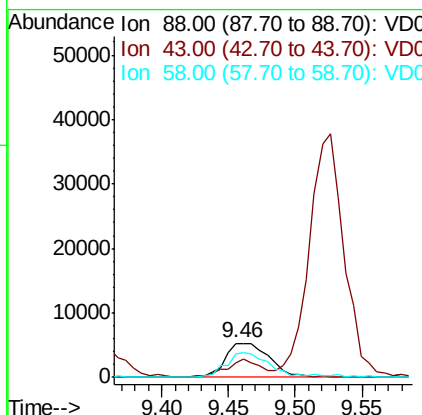
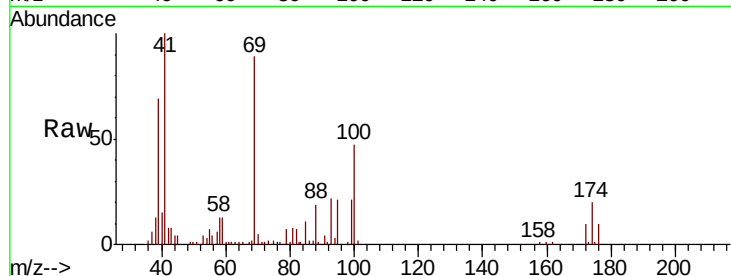




#49
1,4-Dioxane
Concen: 865.134 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

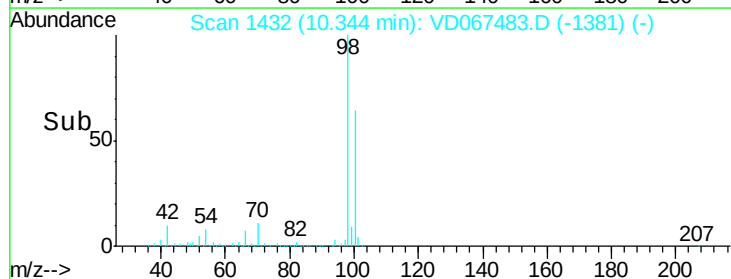
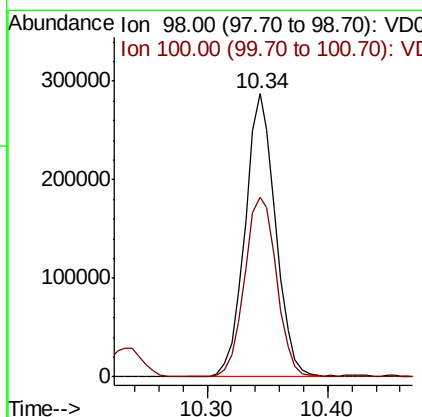
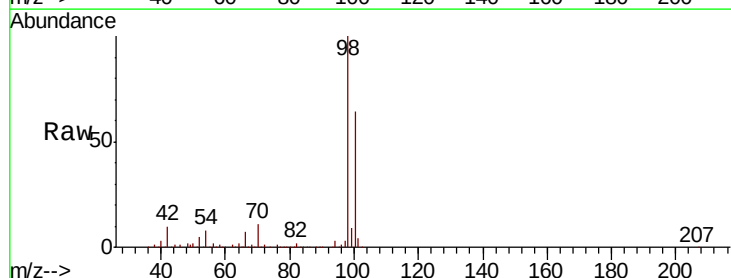
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

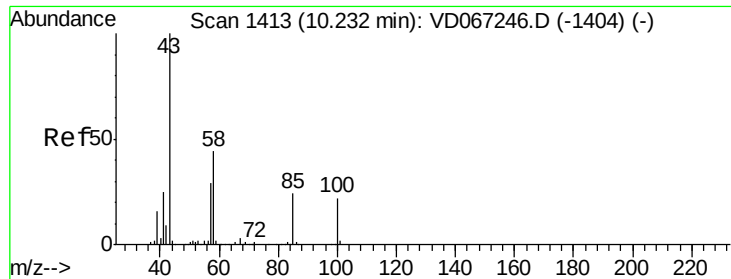
Tot Ion: 88 Resp: 12117
Ion Ratio Lower Upper
88 100
43 43.8 23.9 35.9#
58 73.1 51.0 76.6



#50
Toluene-d8
Concen: 48.996 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 98 Resp: 506257
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 232.692 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

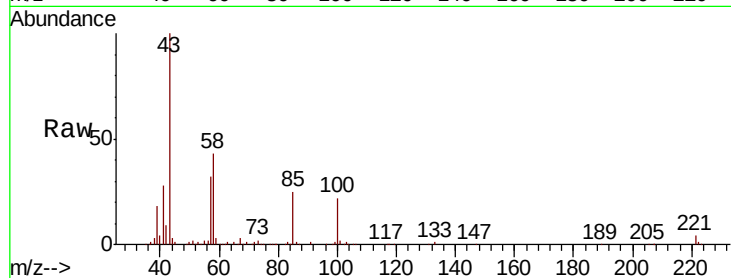
VSTD05006

Tot Ion: 43 Resp: 246382

Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

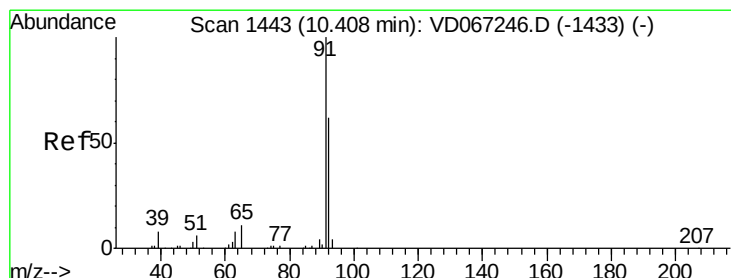
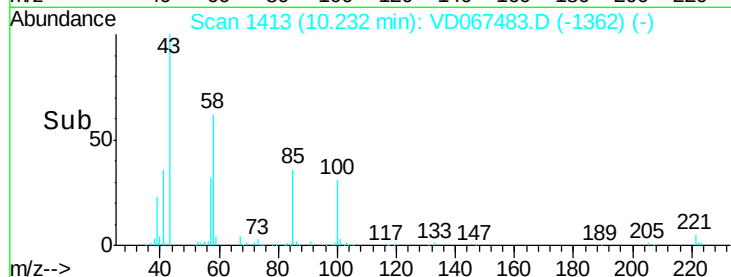
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 64.500 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067483.D

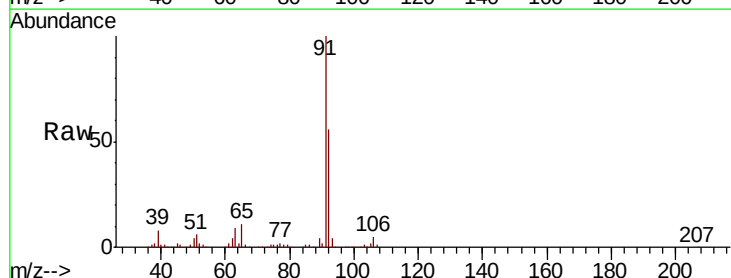
Acq: 02 Nov 2020 11:16

Tgt Ion: 92 Resp: 438247

Ion Ratio Lower Upper

92 100

91 164.0 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

400000

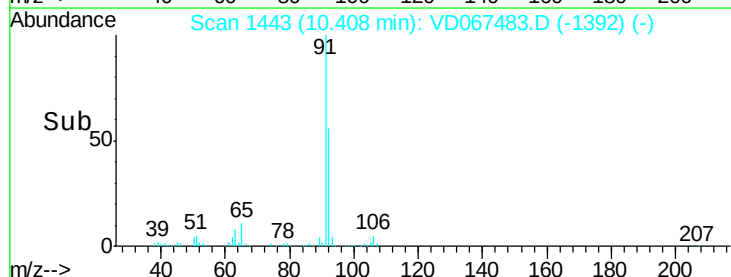
300000

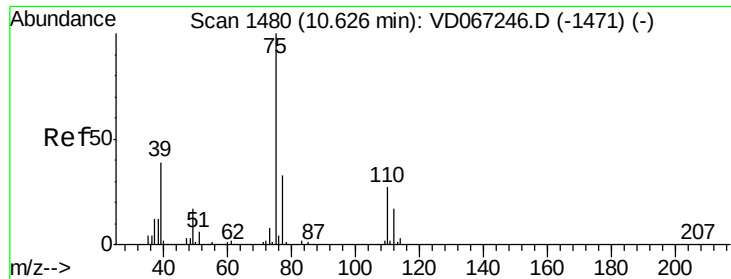
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.896 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

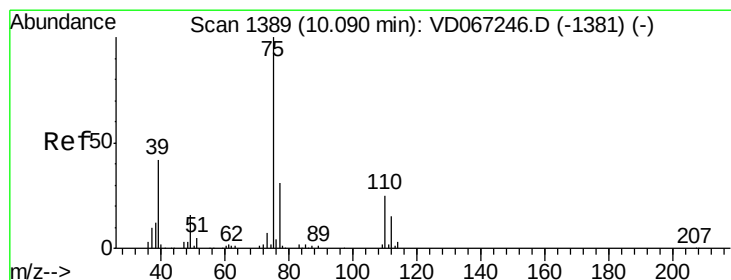
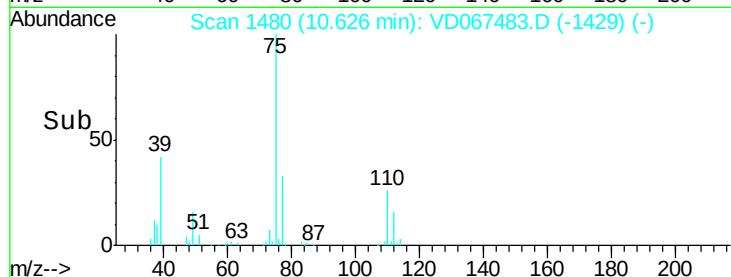
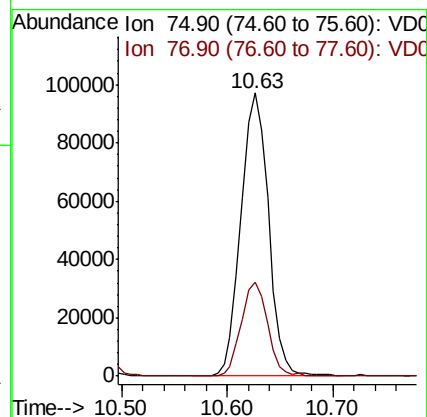
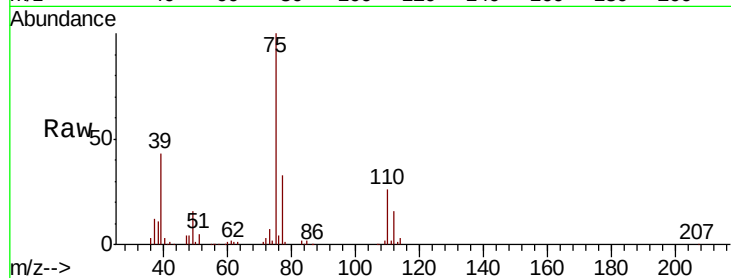
VSTD05006

Tot Ion: 75 Resp: 175942

Ion Ratio Lower Upper

75 100

77 33.2 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 50.053 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

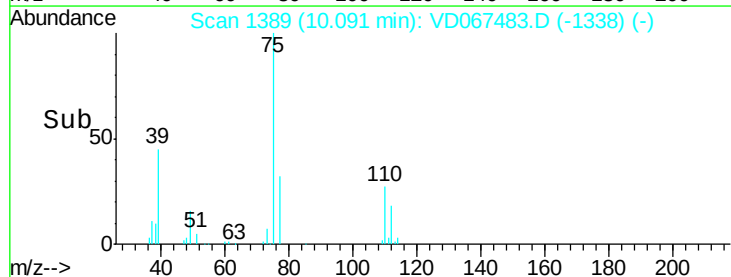
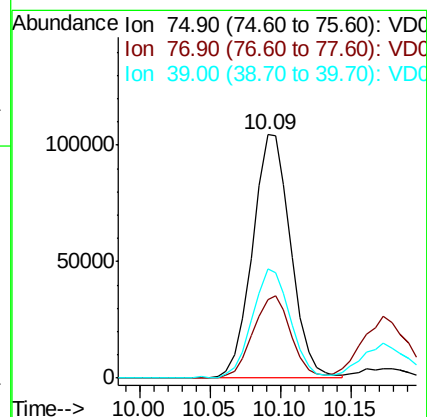
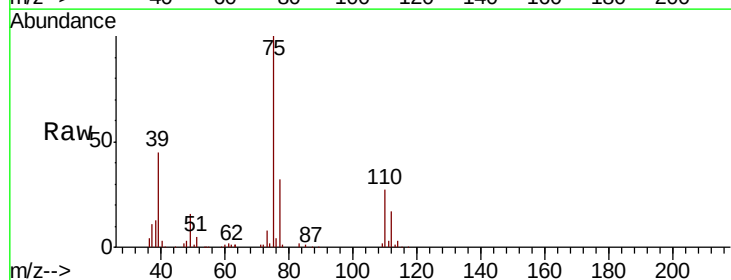
Tgt Ion: 75 Resp: 198595

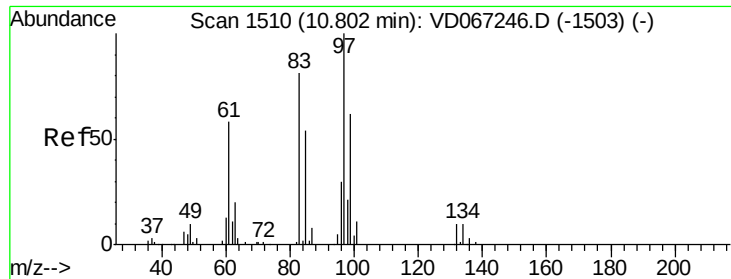
Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

39 44.9 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 49.278 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 97 Resp: 96796

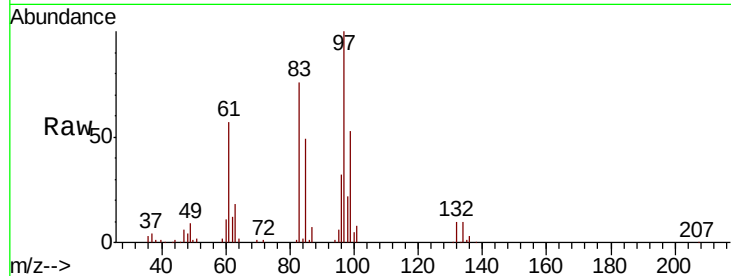
Ion Ratio Lower Upper

97 100

83 76.4 64.9 97.3

85 49.1 43.3 64.9

99 53.3 49.1 73.7

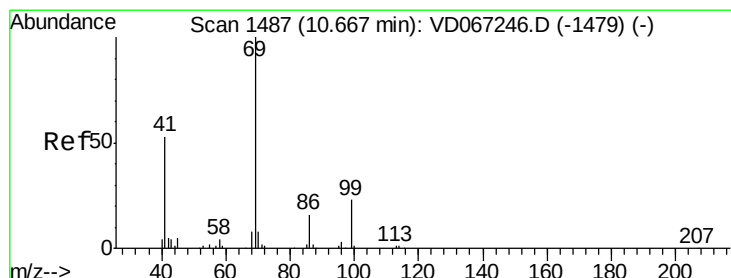
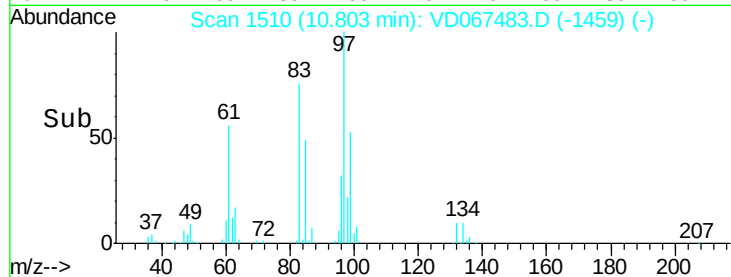
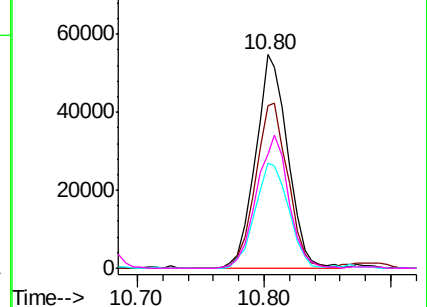


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 49.766 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

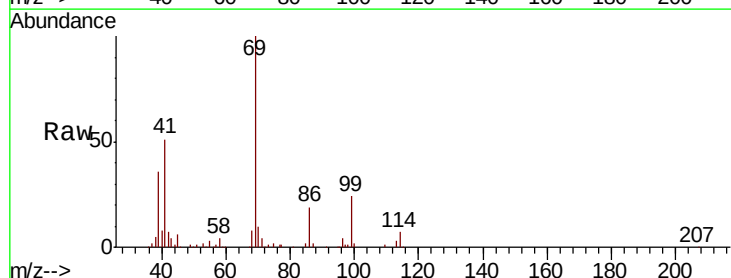
Tgt Ion: 69 Resp: 101383

Ion Ratio Lower Upper

69 100

41 54.2 44.7 67.1

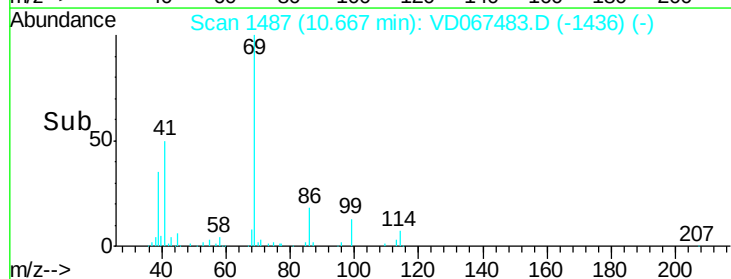
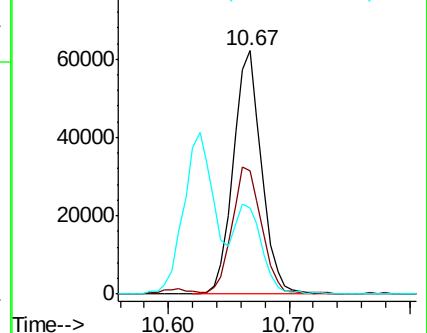
39 34.5 26.2 39.2

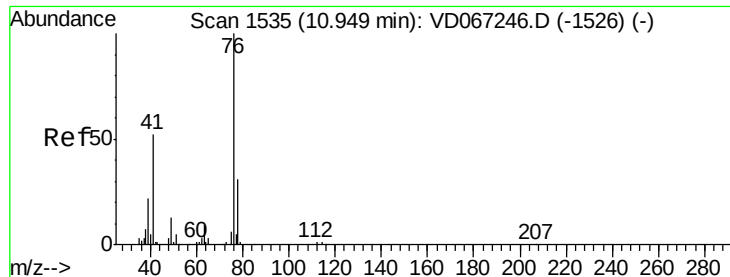


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.548 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

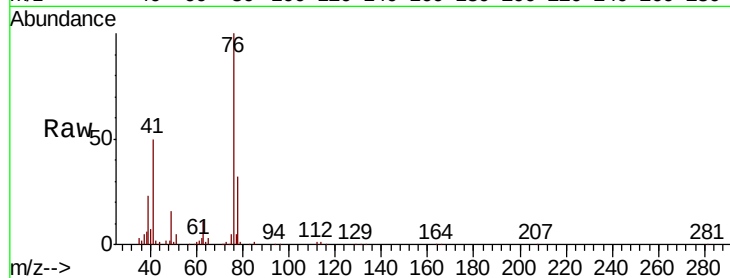
VSTD05006

Tot Ion: 76 Resp: 154887

Ion Ratio Lower Upper

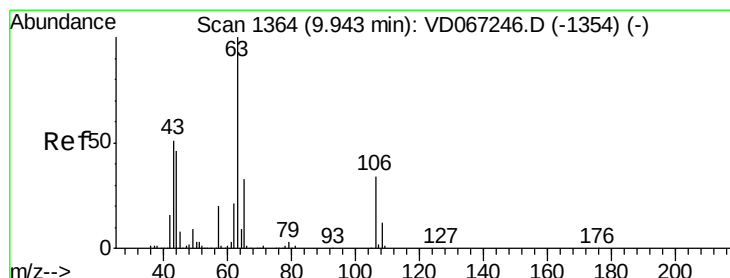
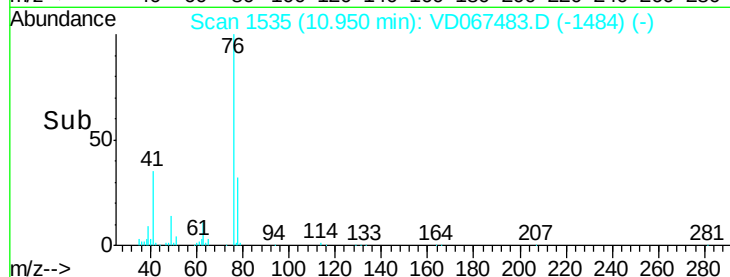
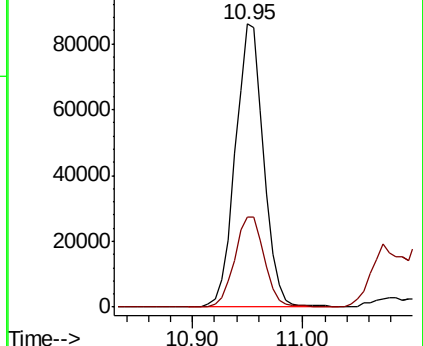
76 100

78 33.4 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 252.426 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067483.D

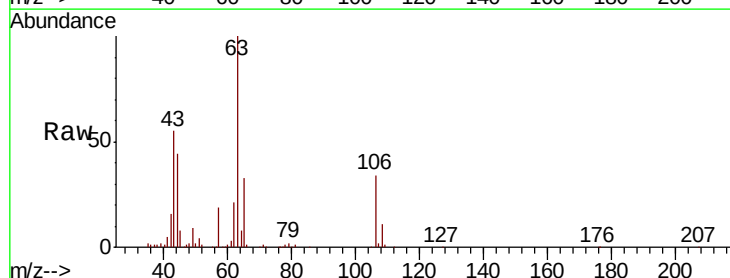
Acq: 02 Nov 2020 11:16

Tgt Ion: 63 Resp: 263803

Ion Ratio Lower Upper

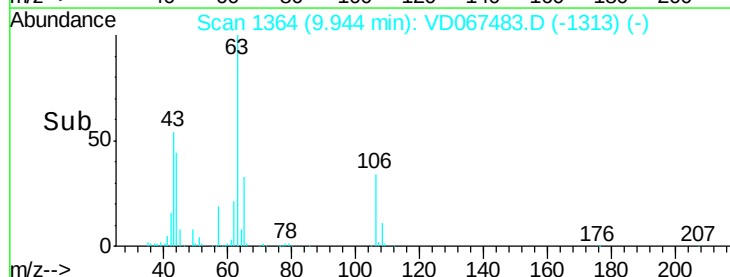
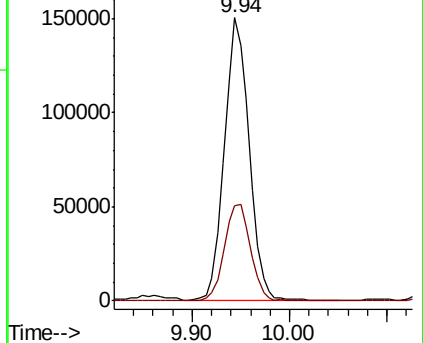
63 100

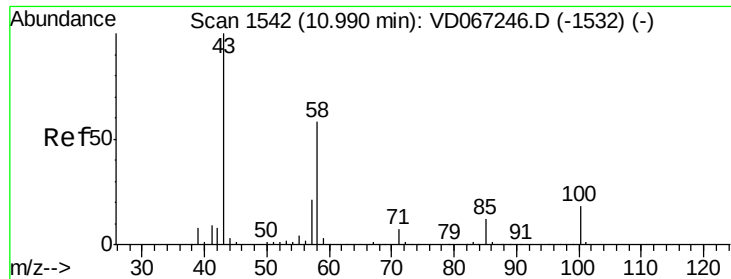
106 36.1 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

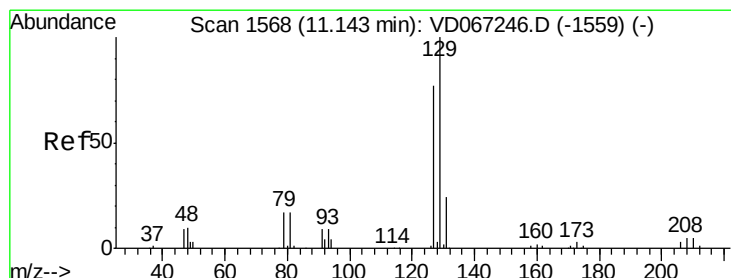
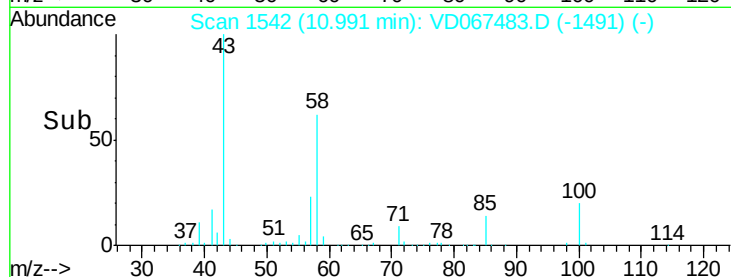
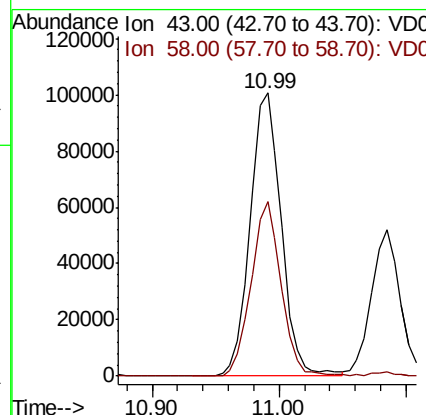
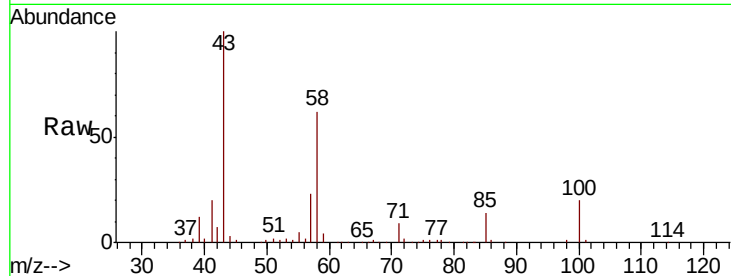




#59
2-Hexanone
Concen: 238.712 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

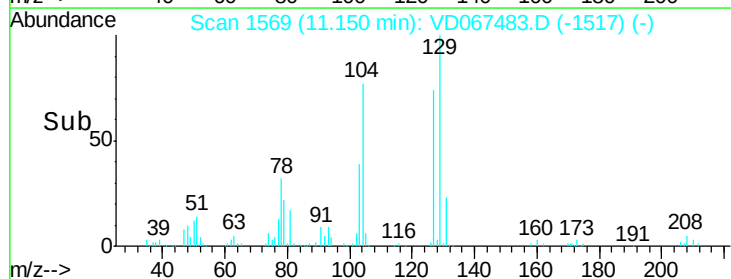
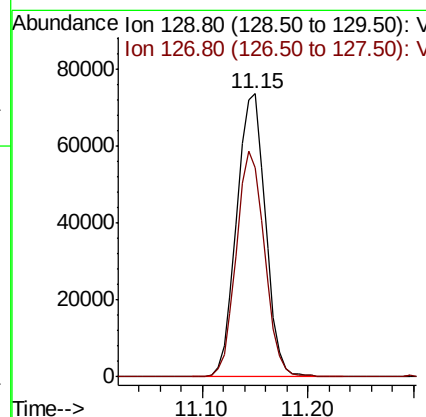
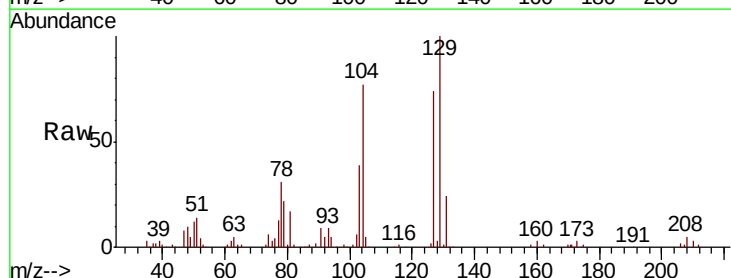
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

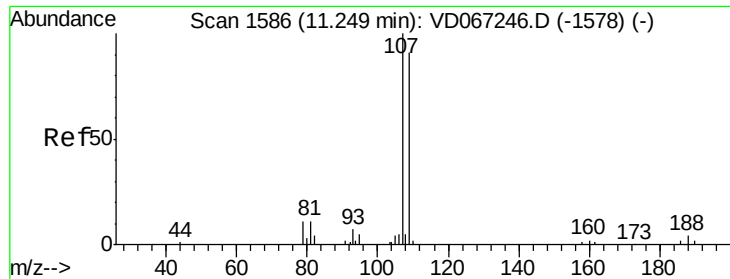
Tot Ion: 43 Resp: 172716
Ion Ratio Lower Upper
43 100
58 59.3 29.3 87.9



#60
Dibromochloromethane
Concen: 48.415 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 129 Resp: 138690
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8

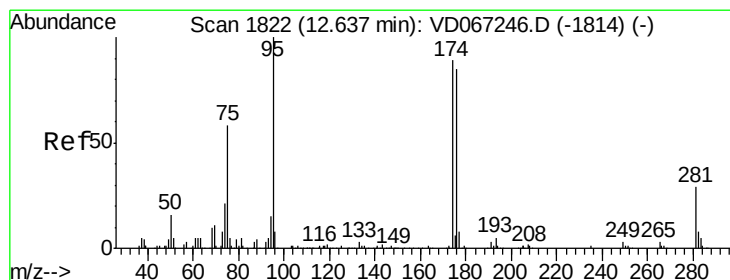
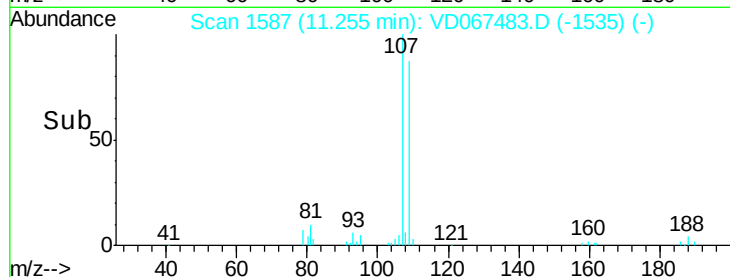
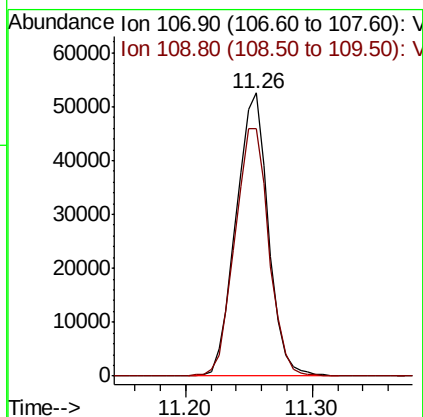
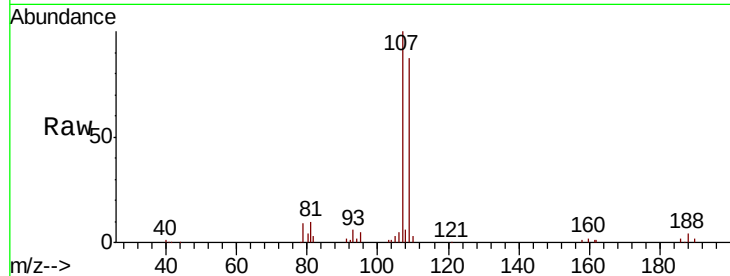




#61
 1,2-Dibromoethane
 Concen: 47.947 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

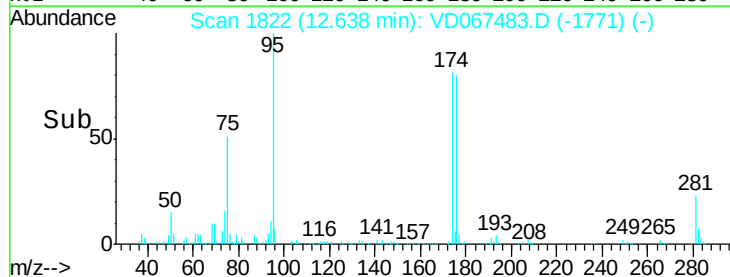
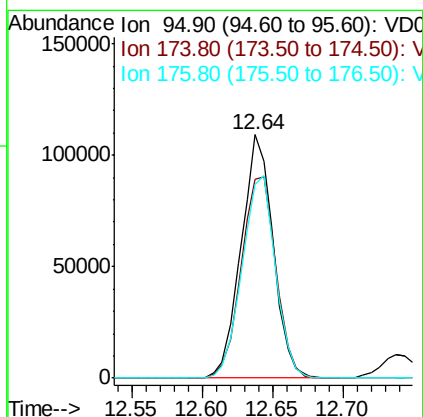
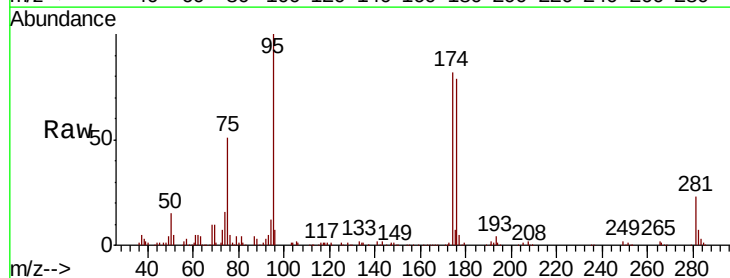
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

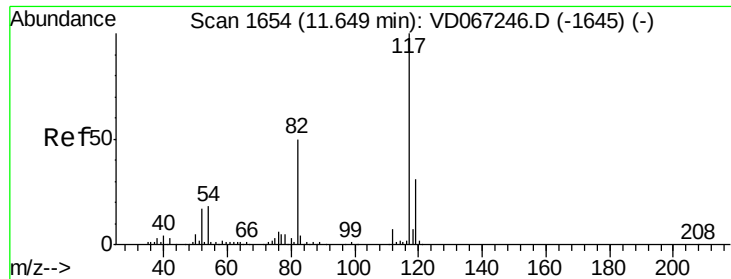
Tot Ion: 107 Resp: 92850
 Ion Ratio Lower Upper
 107 100
 109 91.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 48.307 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion: 95 Resp: 173561
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 175.2
 176 87.0 0.0 168.6

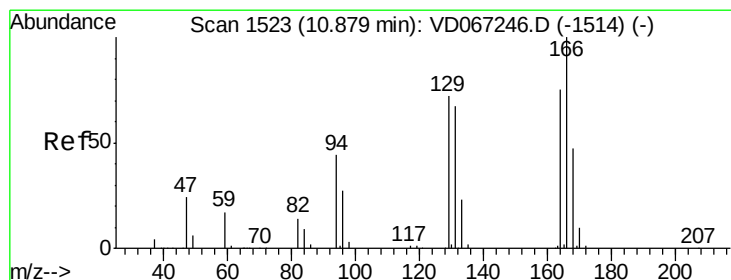
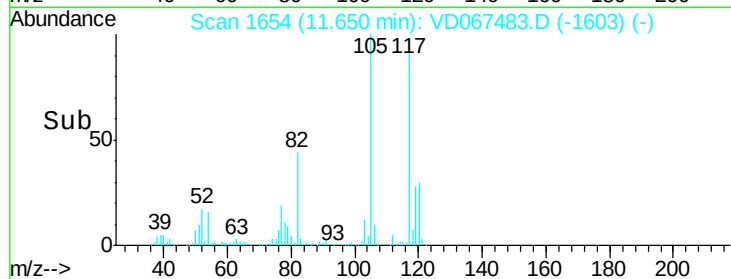
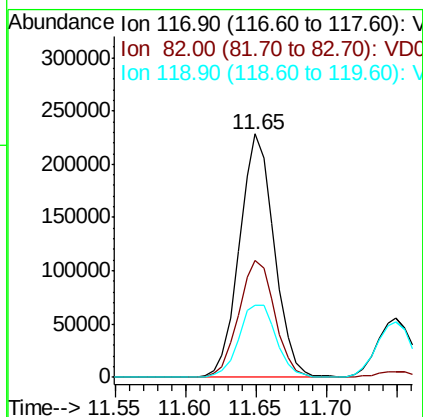
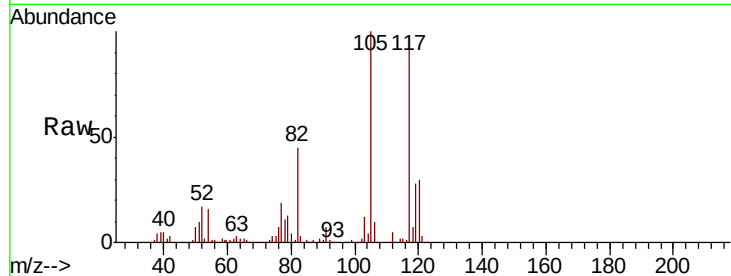




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

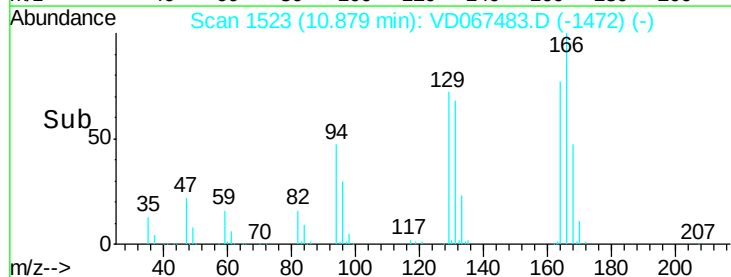
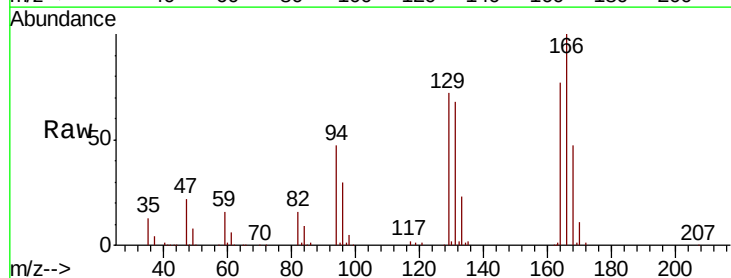
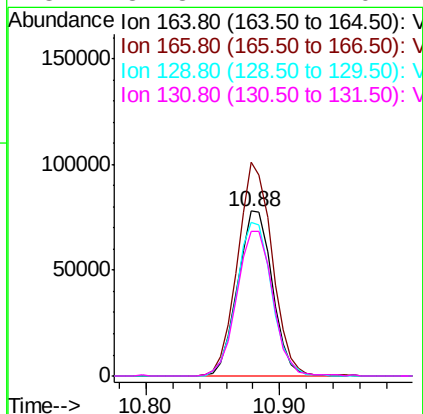
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

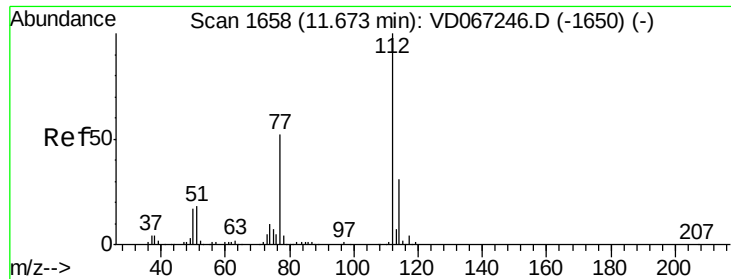
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.9	59.9
119	29.9	24.9	37.3



#64
Tetrachloroethene
Concen: 49.280 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	107.3	160.9
129	93.0	77.3	115.9
131	87.8	71.4	107.2

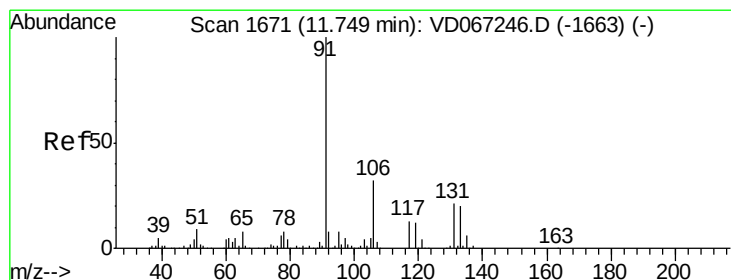
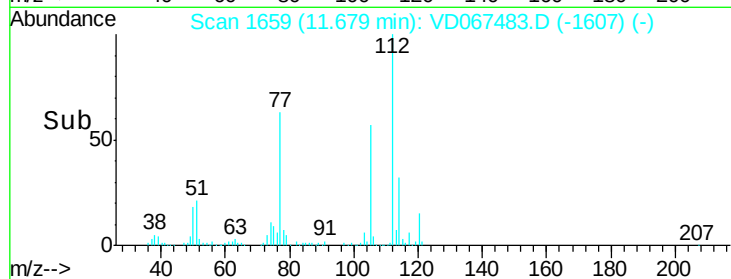
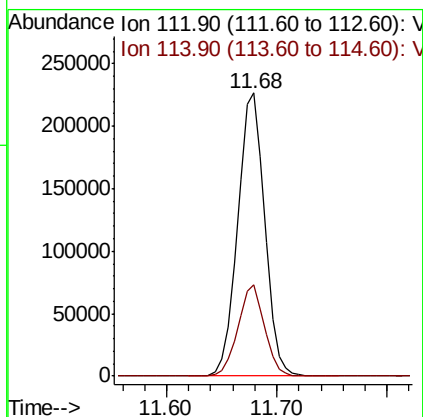
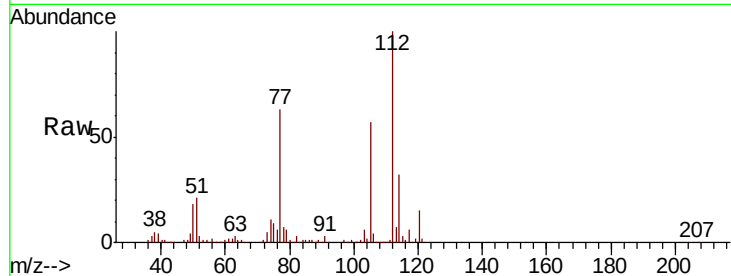




#65
Chlorobenzene
Concen: 51.631 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

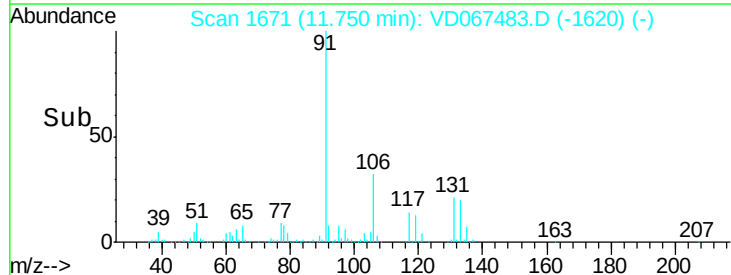
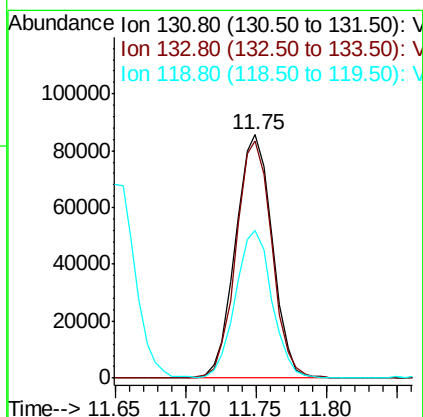
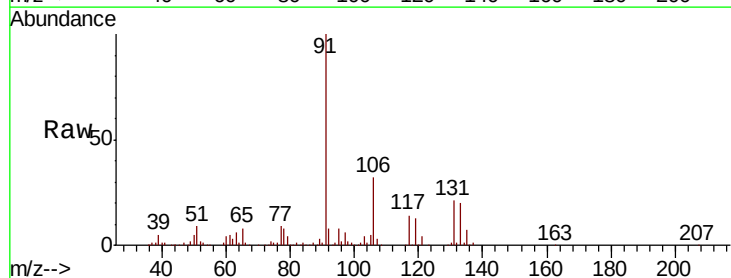
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

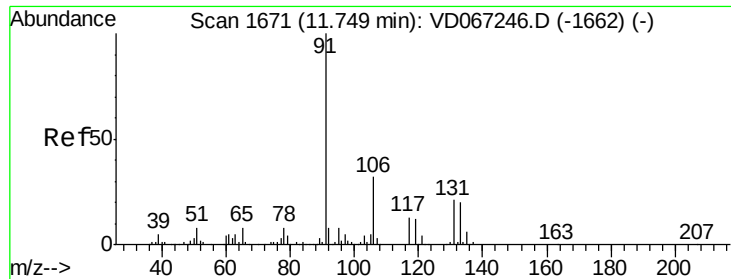
Tot Ion:112 Resp: 389647
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.746 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion:131 Resp: 155207
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 60.5 30.0 90.0





#67

Ethyl Benzene

Concen: 54.734 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

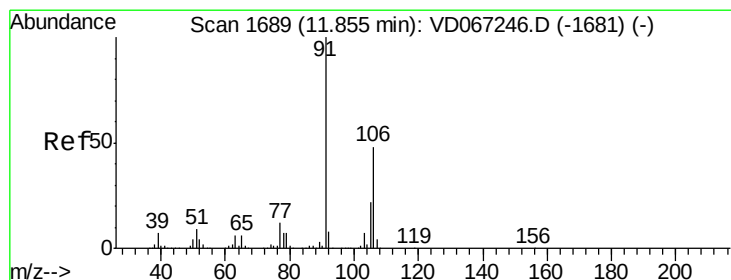
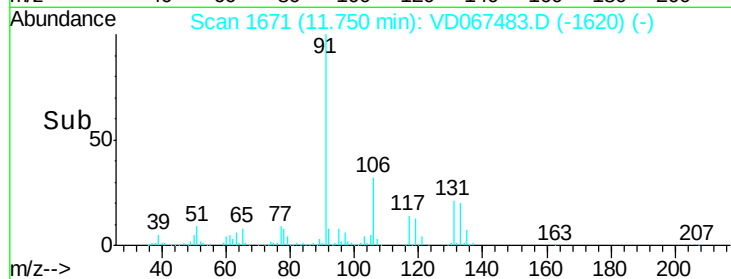
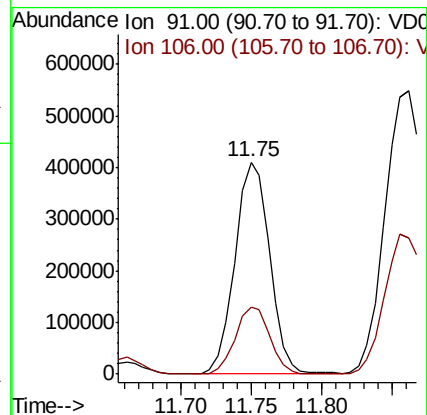
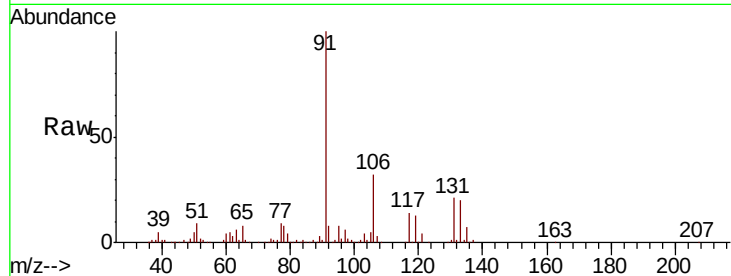
VSTD05006

Tot Ion: 91 Resp: 708069

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0



#68

m/p-Xylenes

Concen: 107.538 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067483.D

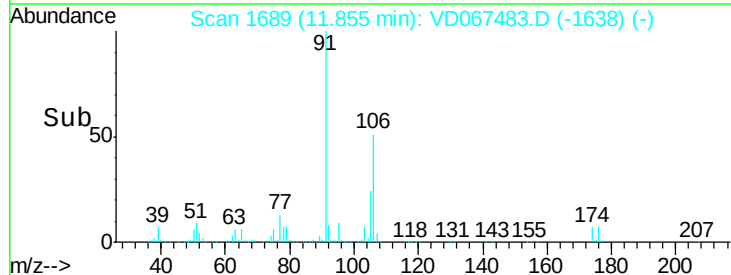
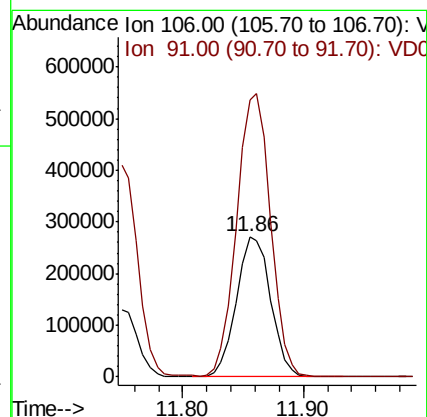
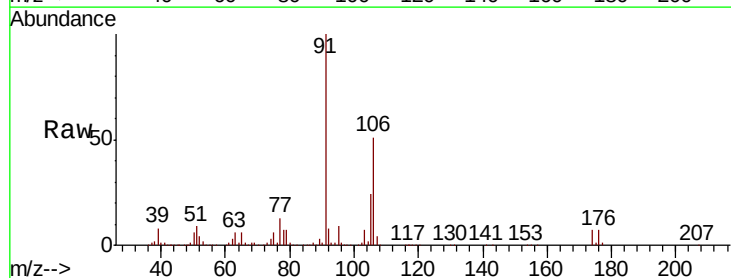
Acq: 02 Nov 2020 11:16

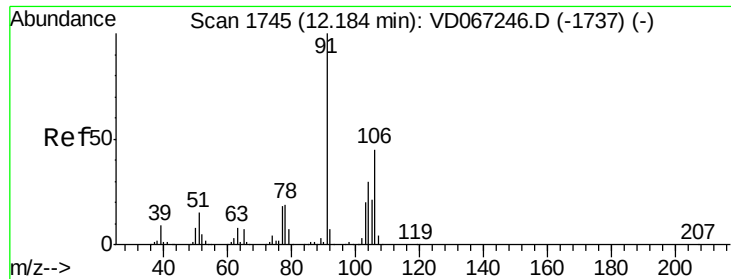
Tgt Ion: 106 Resp: 535715

Ion Ratio Lower Upper

106 100

91 200.6 163.8 245.8

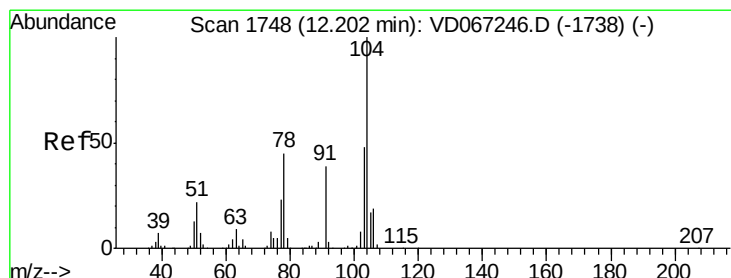
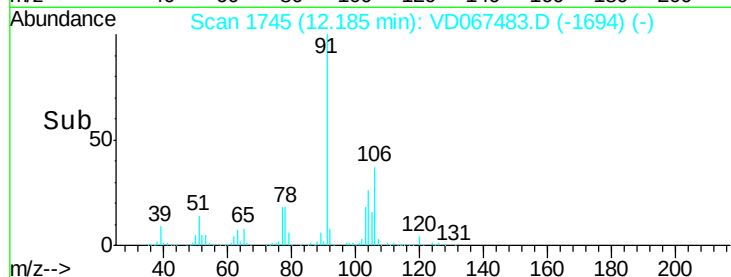
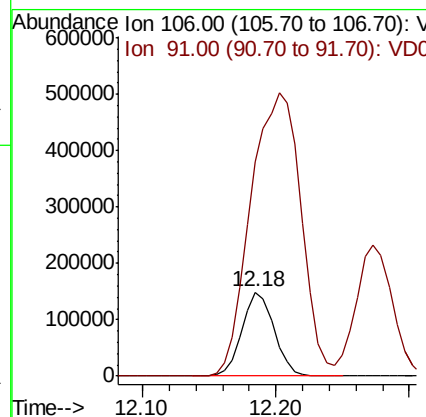
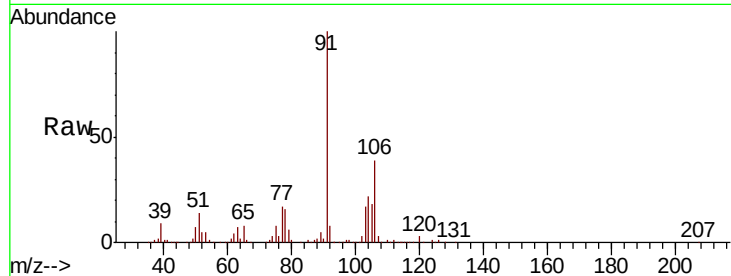




#69
o-Xylene
Concen: 53.639 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

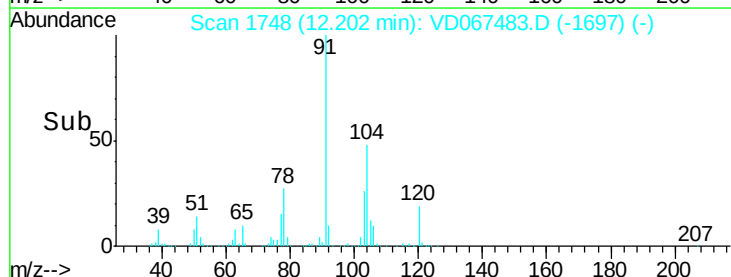
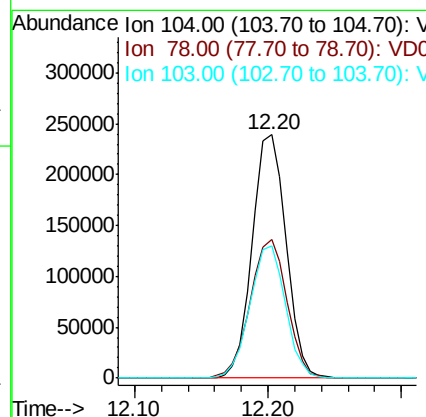
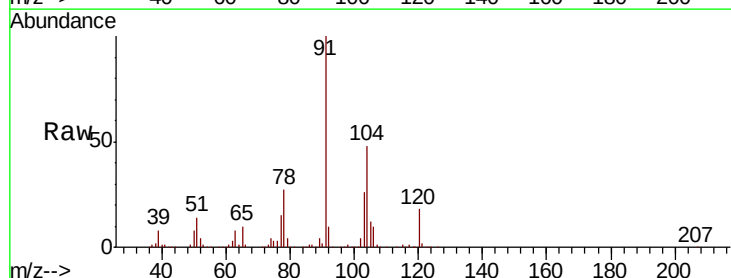
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

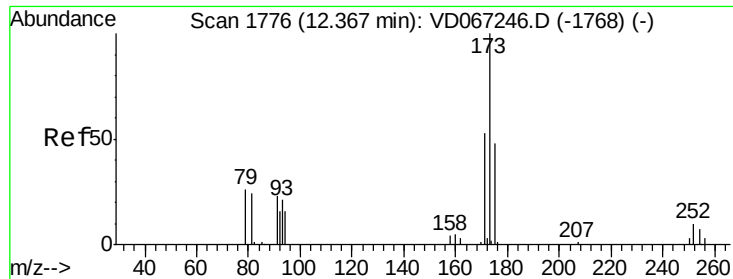
Tot Ion:106 Resp: 247441
Ion Ratio Lower Upper
106 100
91 532.3 109.1 327.3#



#70
Styrene
Concen: 52.665 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion:104 Resp: 418215
Ion Ratio Lower Upper
104 100
78 62.5 39.8 59.6#
103 57.4 42.6 64.0





#71

Bromoform

Concen: 49.375 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

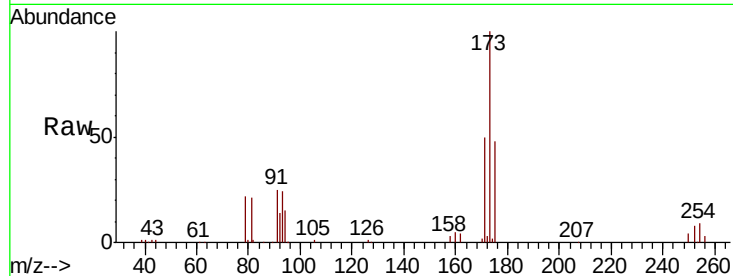
Tot Ion:173 Resp: 79561

Ion Ratio Lower Upper

173 100

175 48.2 24.2 72.6

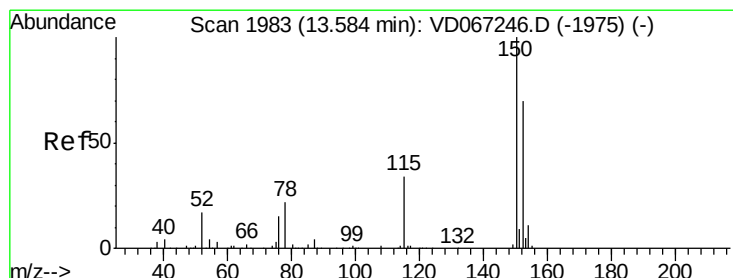
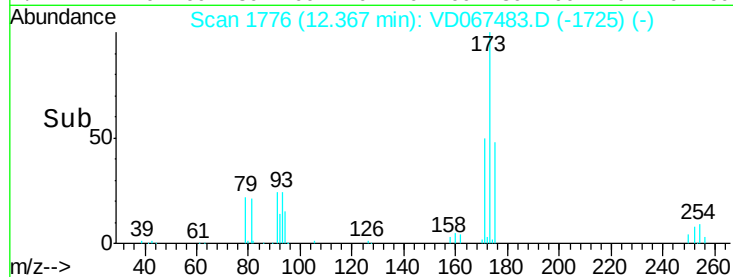
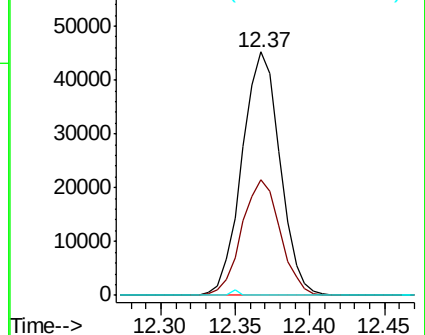
254 0.5 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

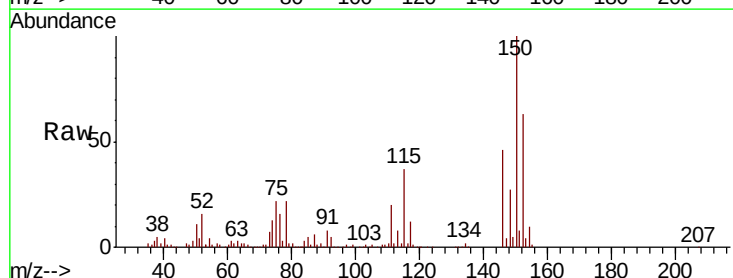
Tgt Ion:152 Resp: 187429

Ion Ratio Lower Upper

152 100

115 67.6 29.3 87.9

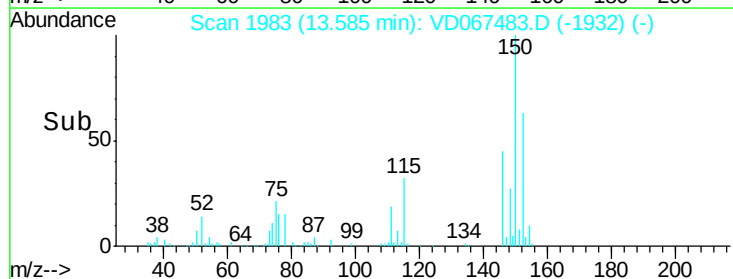
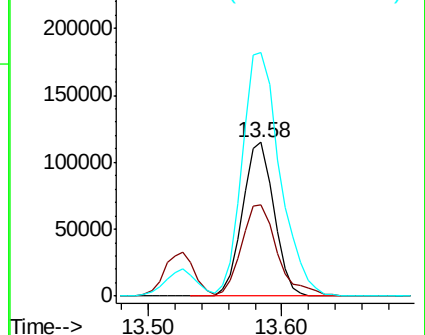
150 190.2 0.0 339.0

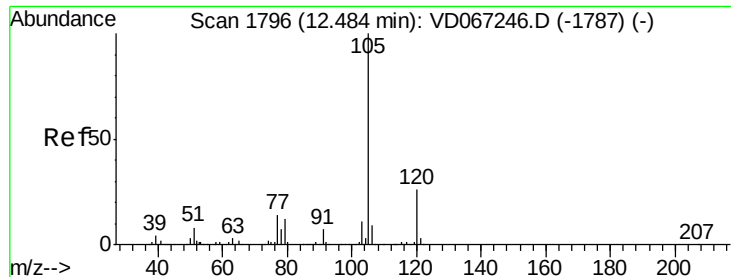


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 61.451 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

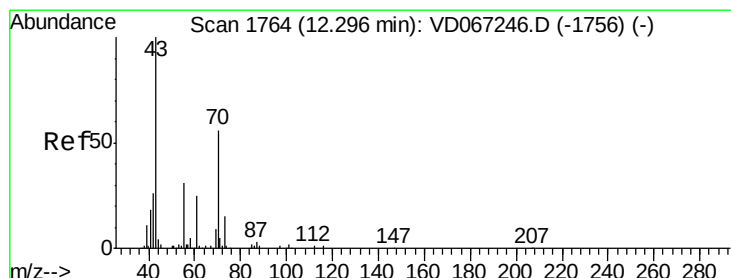
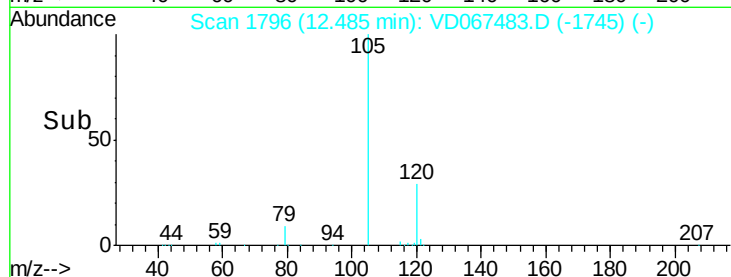
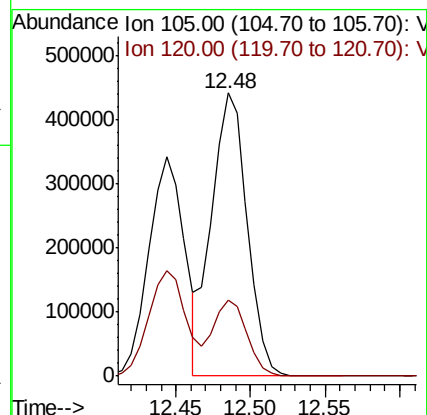
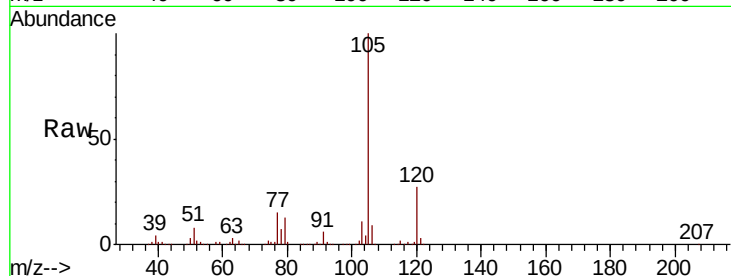
VSTD05006

Tot Ion:105 Resp: 730994

Ion Ratio Lower Upper

105 100

120 25.2 13.3 39.8



#74

N-ethyl acetate

Concen: 52.805 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Tgt Ion: 43 Resp: 94870

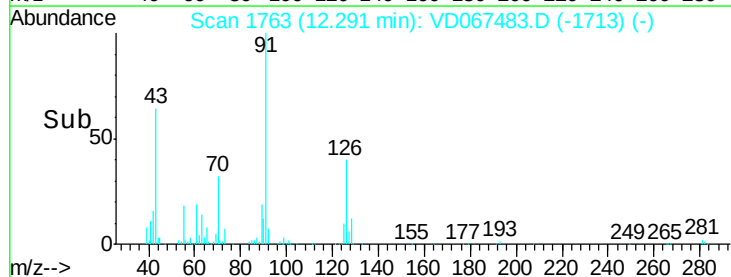
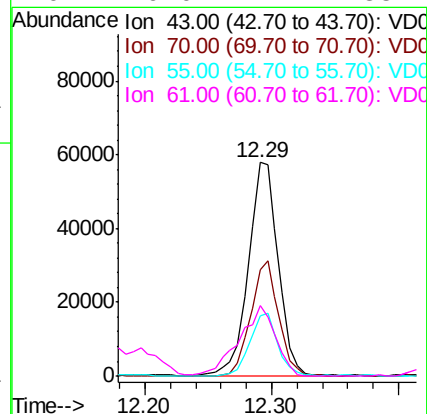
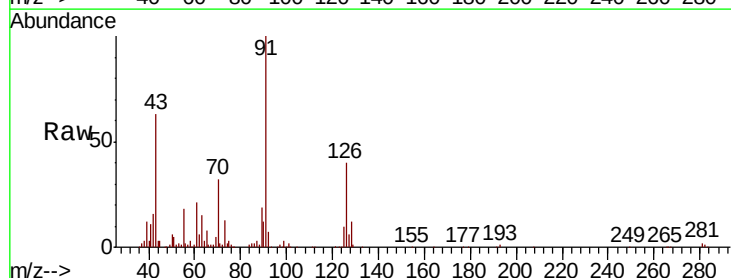
Ion Ratio Lower Upper

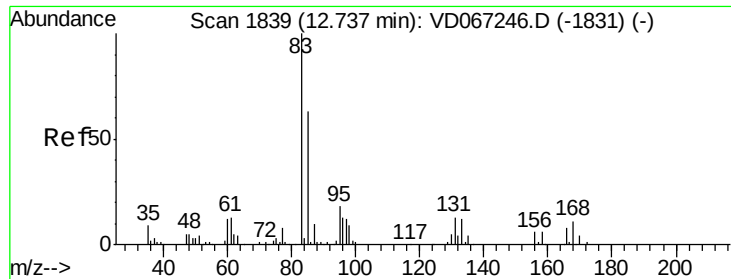
43 100

70 50.0 42.7 64.1

55 27.5 24.0 36.0

61 40.0 22.2 33.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.469 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

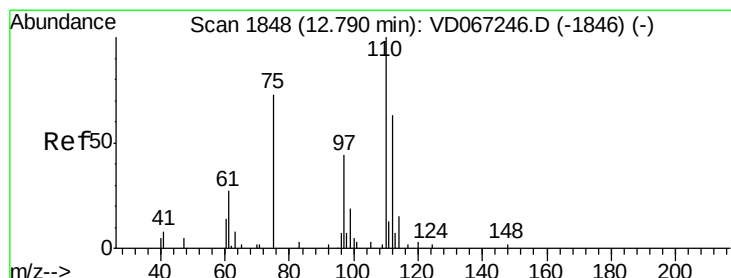
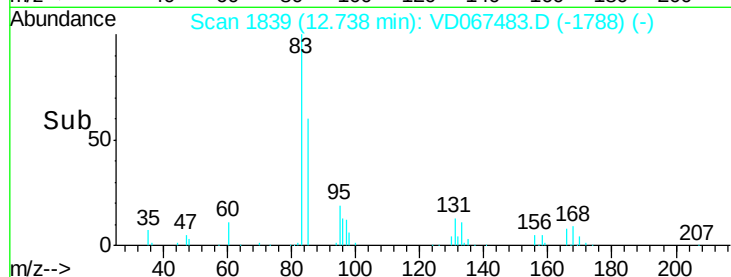
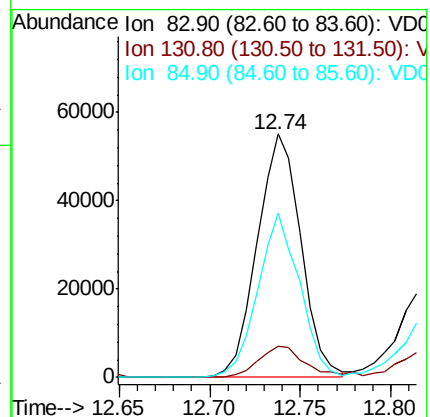
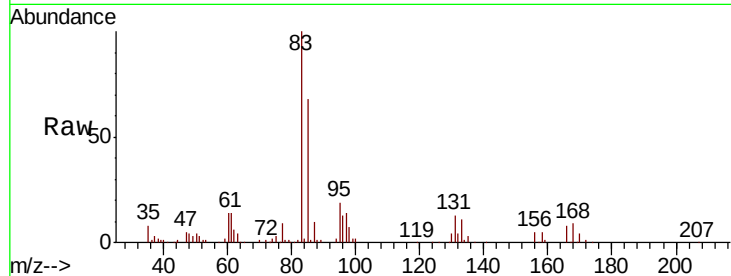
Tot Ion: 83 Resp: 91988

Ion Ratio Lower Upper

83 100

131 14.2 6.5 19.5

85 64.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 101.949 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067483.D

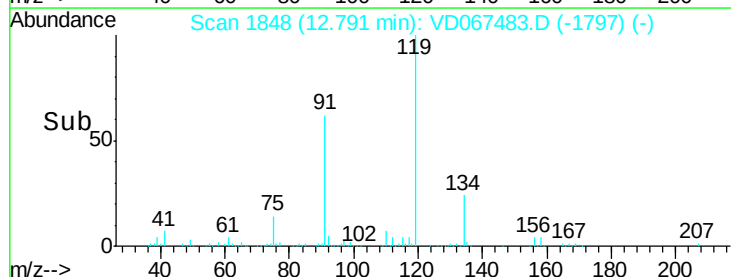
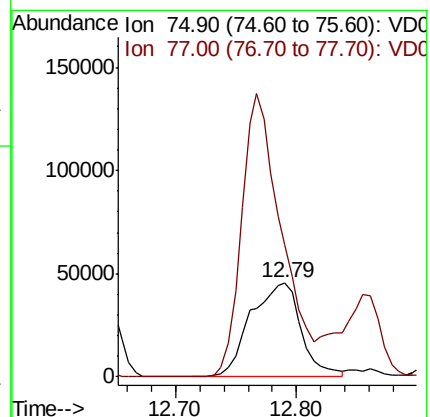
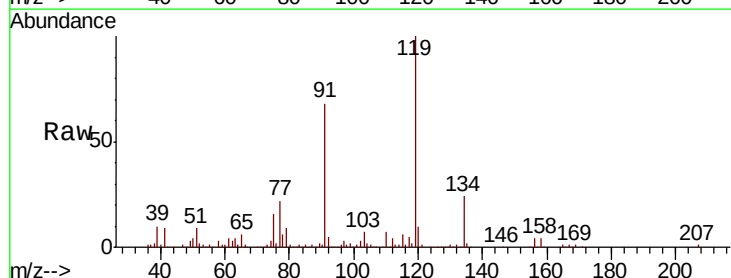
Acq: 02 Nov 2020 11:16

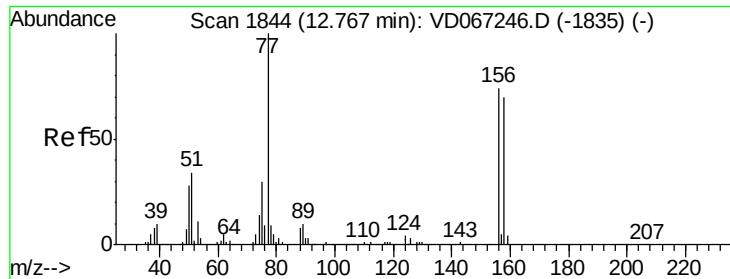
Tgt Ion: 75 Resp: 132438

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.907 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

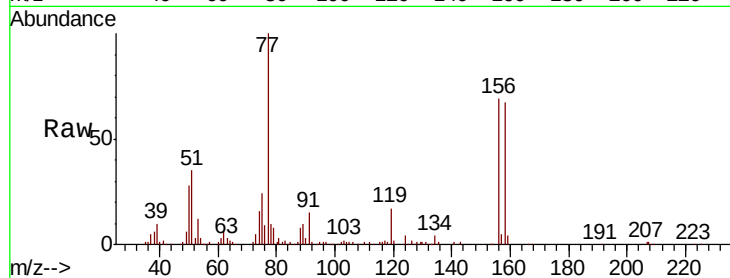
Tot Ion:156 Resp: 162835

Ion Ratio Lower Upper

156 100

77 193.7 78.0 233.8

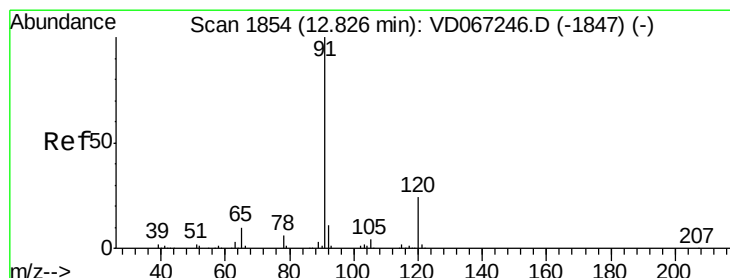
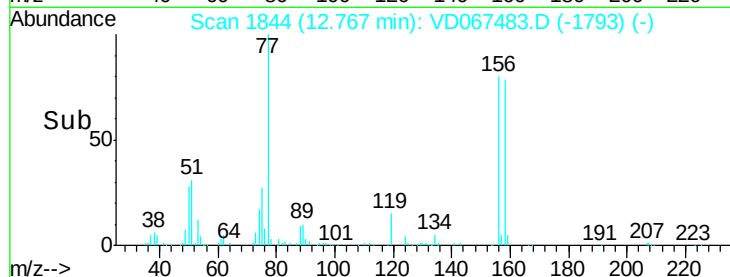
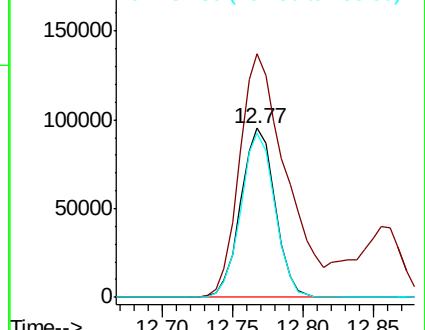
158 96.1 49.1 147.3



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: 64.865 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067483.D

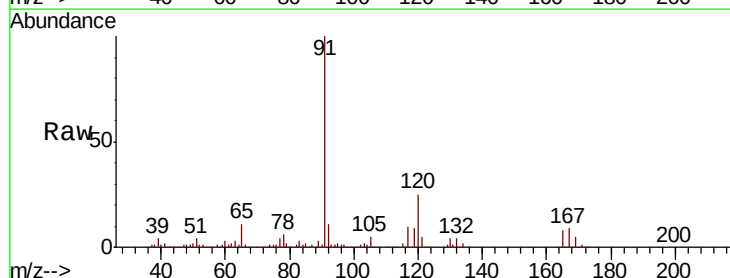
Acq: 02 Nov 2020 11:16

Tgt Ion: 91 Resp: 893997

Ion Ratio Lower Upper

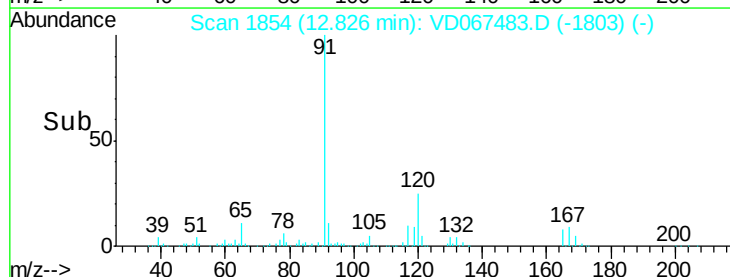
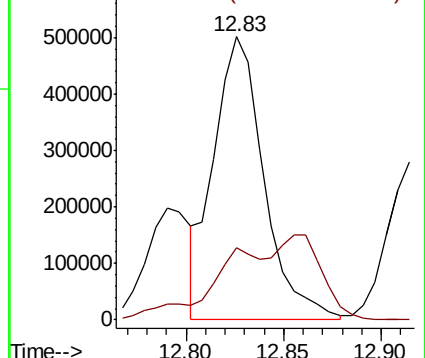
91 100

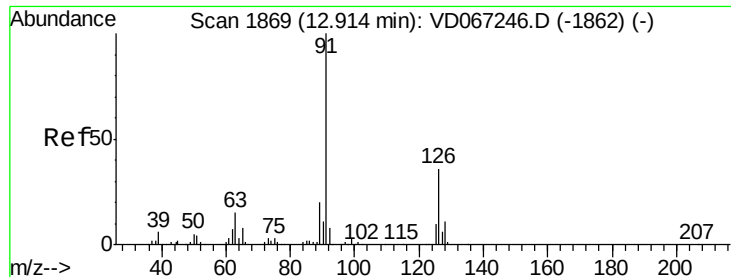
120 27.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.928 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

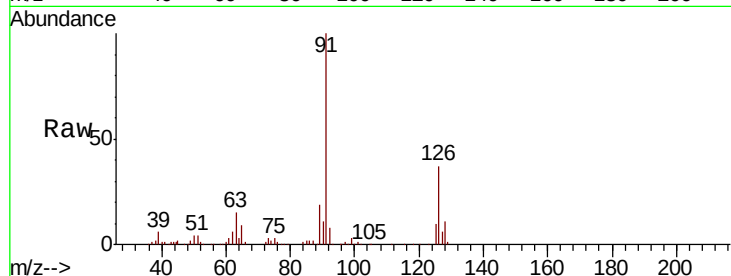
VSTD05006

Tot Ion: 91 Resp: 455010

Ion Ratio Lower Upper

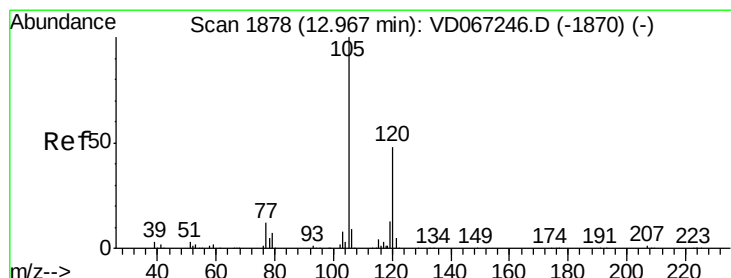
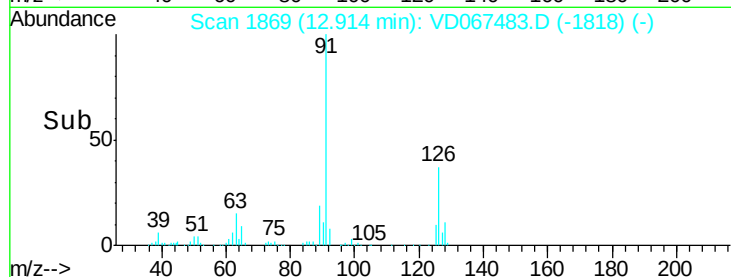
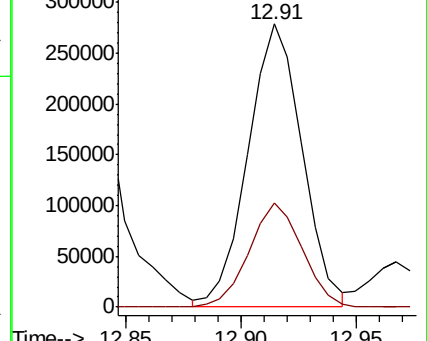
91 100

126 36.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.142 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067483.D

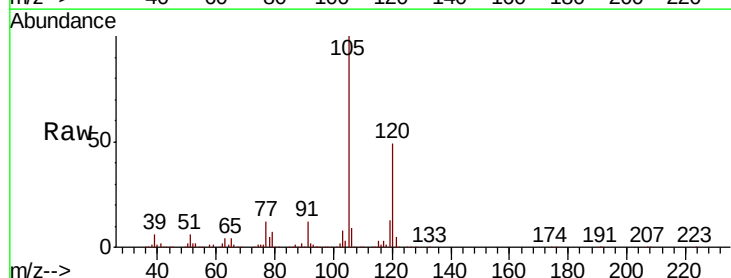
Acq: 02 Nov 2020 11:16

Tgt Ion: 105 Resp: 601016

Ion Ratio Lower Upper

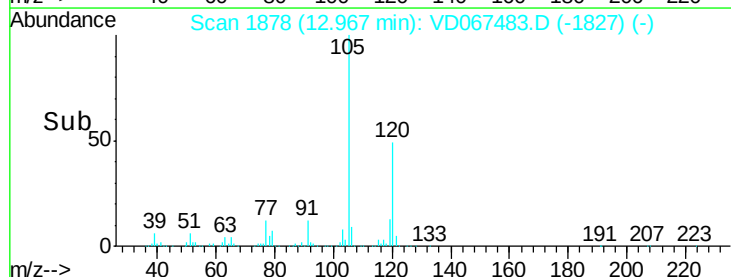
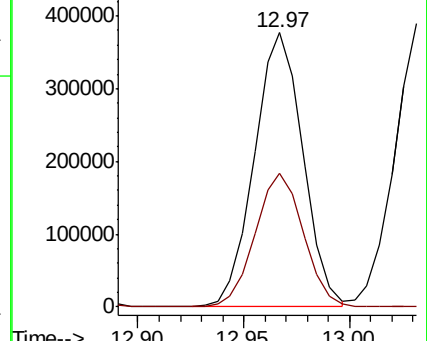
105 100

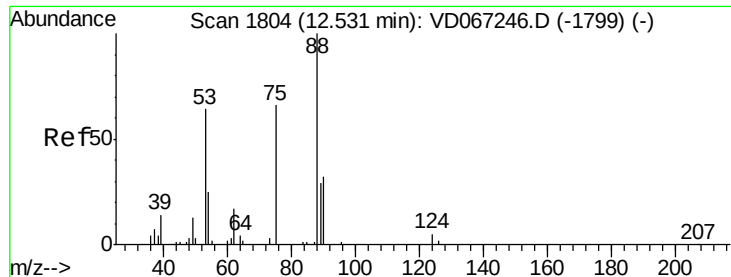
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.716 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

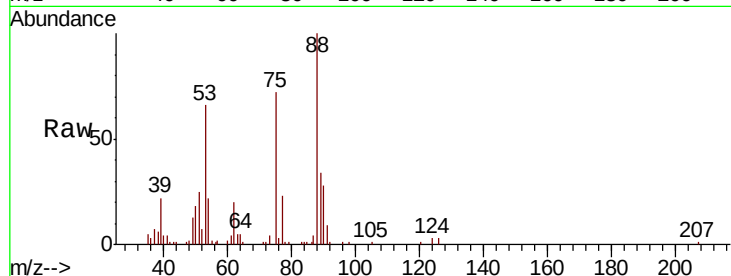
Tot Ion: 75 Resp: 31344

Ion Ratio Lower Upper

75 100

53 90.7 78.5 117.7

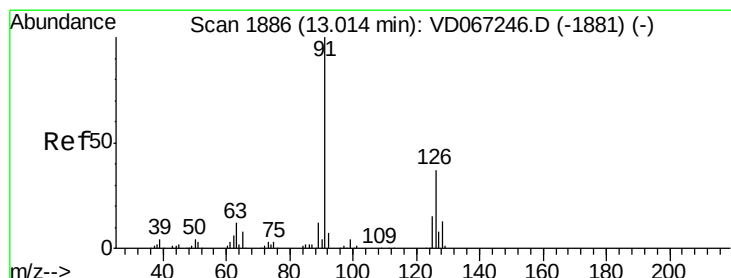
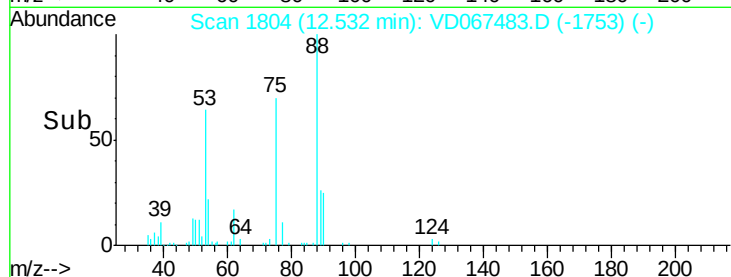
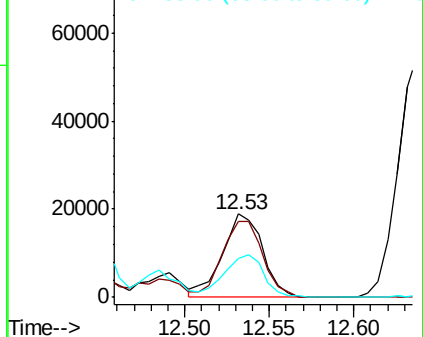
89 49.6 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 68.164 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067483.D

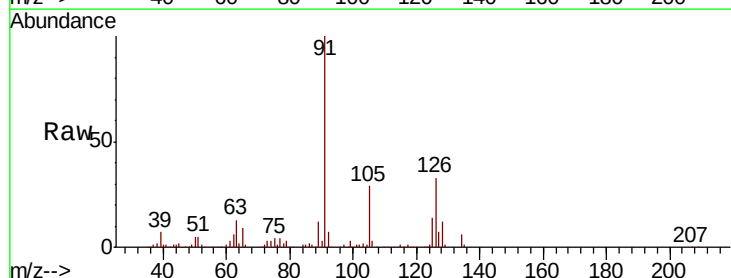
Acq: 02 Nov 2020 11:16

Tgt Ion: 91 Resp: 578243

Ion Ratio Lower Upper

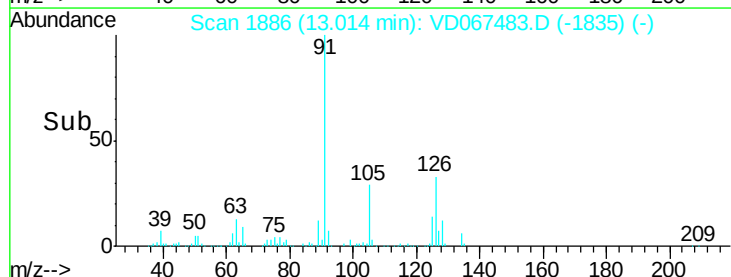
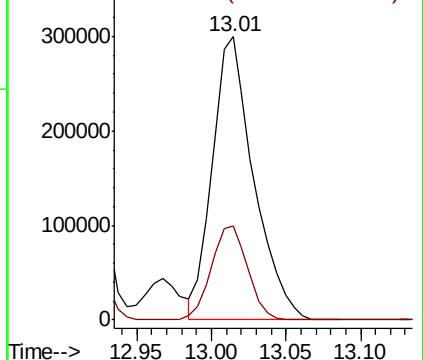
91 100

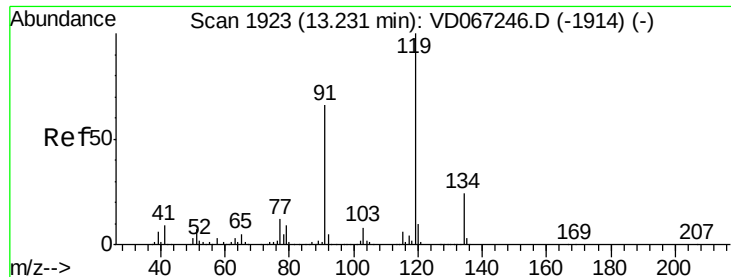
126 29.3 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

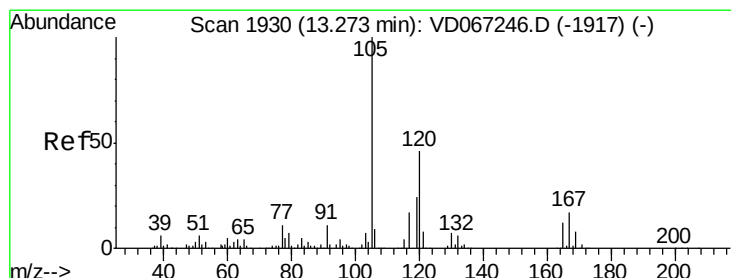
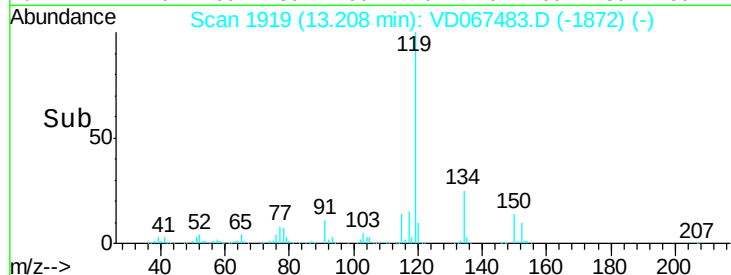
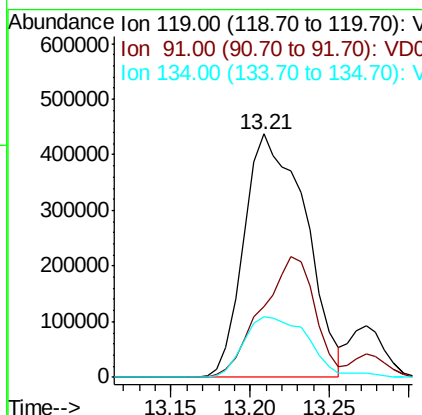
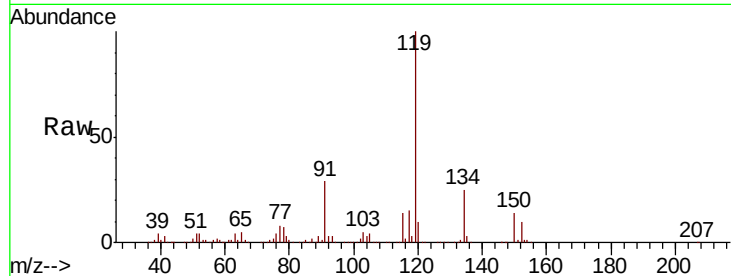




#83
 tert-Butylbenzene
 Concen: 134.688 ug/l
 RT: 13.21 min Scan# 1919
 Delta R.T. -0.02 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

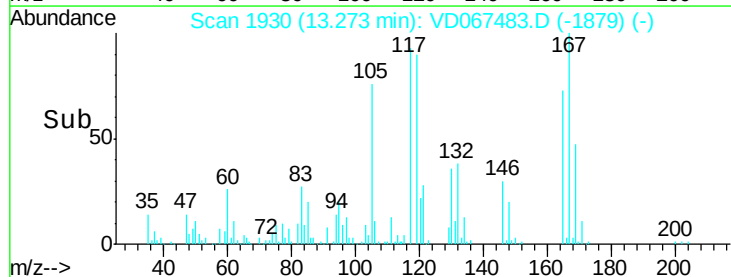
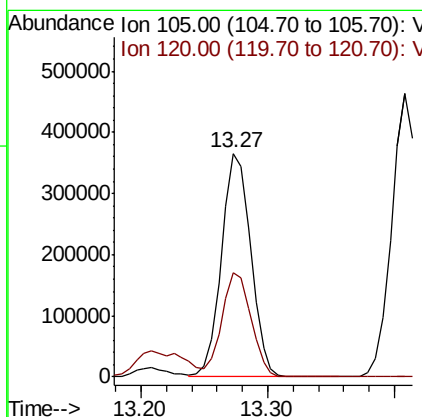
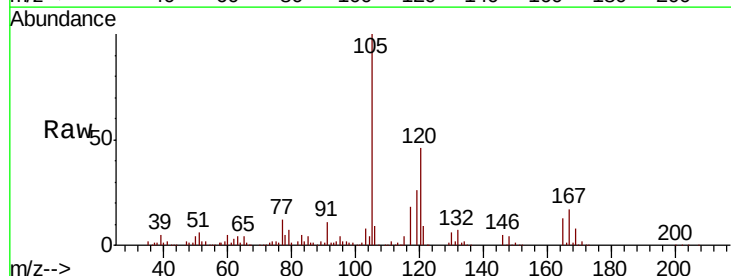
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

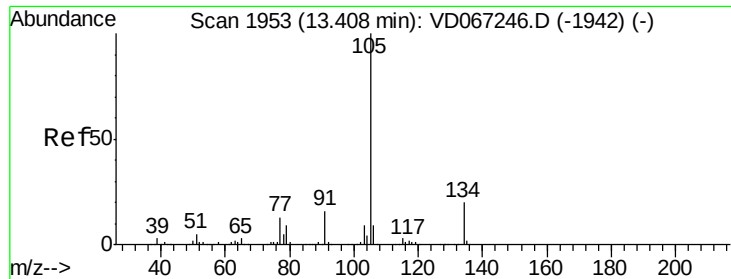
Tot Ion:119 Resp: 1176082
 Ion Ratio Lower Upper
 119 100
 91 43.1 33.1 99.2
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 57.386 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion:105 Resp: 586303
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 59.178 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

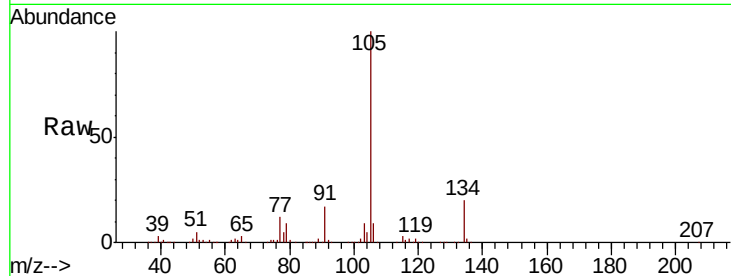
VSTD05006

Tot Ion:105 Resp: 709038

Ion Ratio Lower Upper

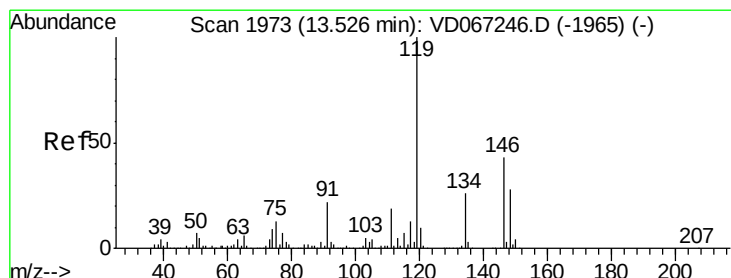
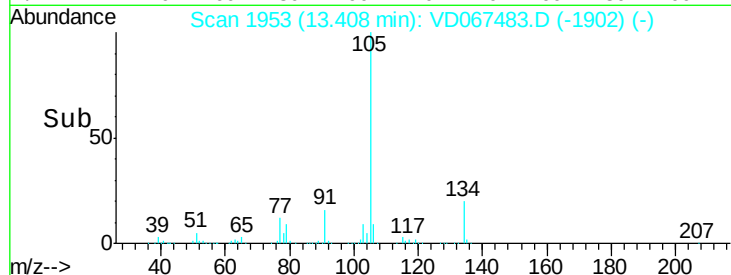
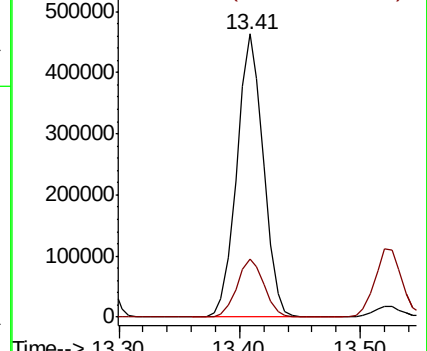
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.130 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

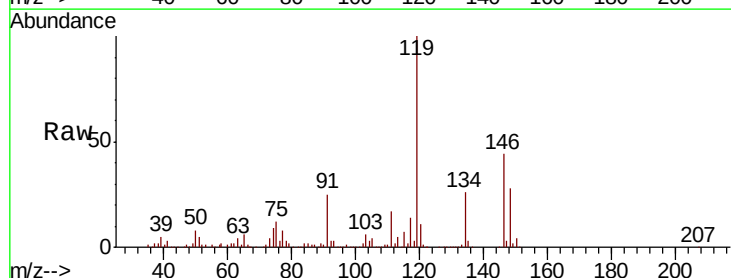
Tgt Ion:119 Resp: 668696

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

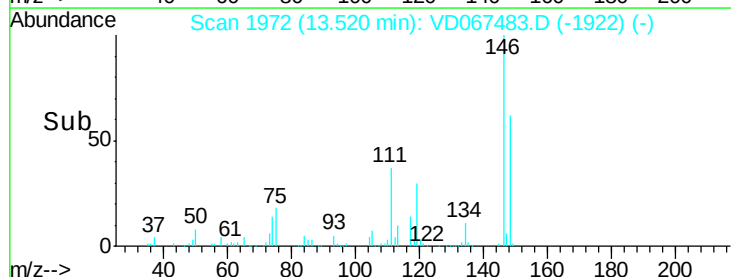
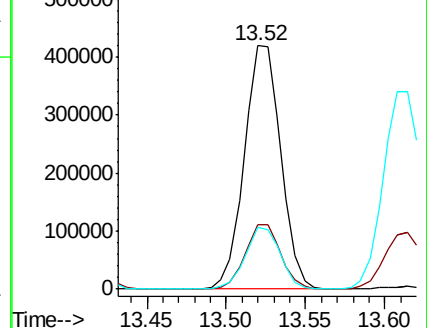
91 24.6 11.9 35.9

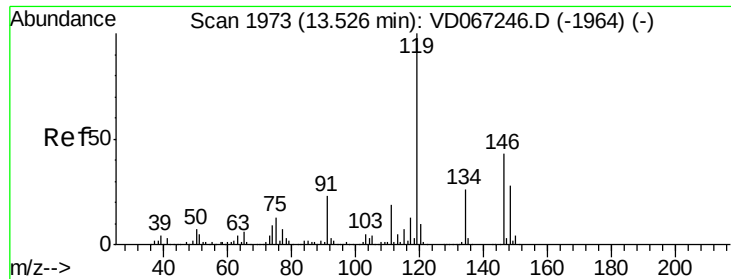


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

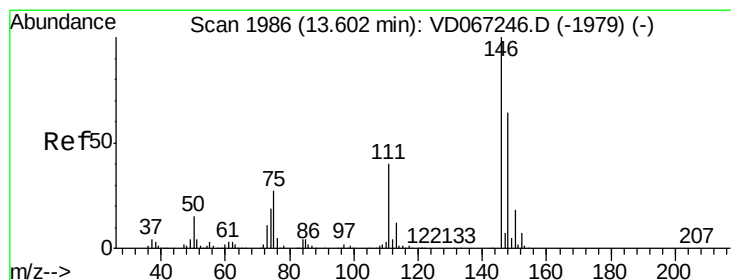
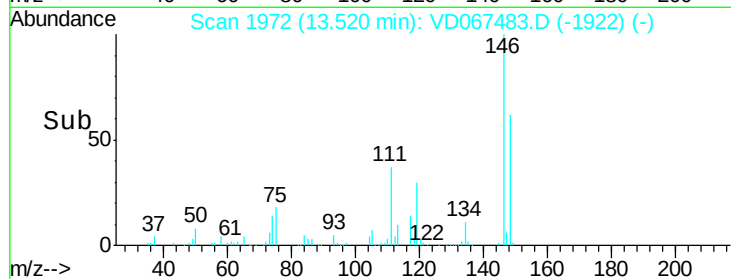
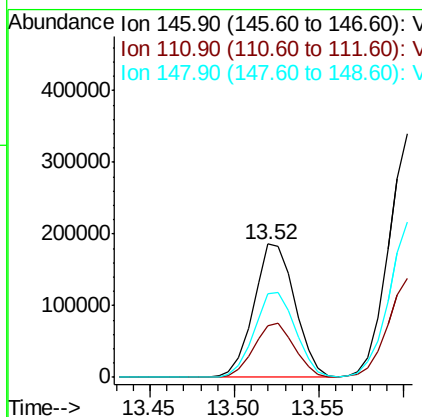
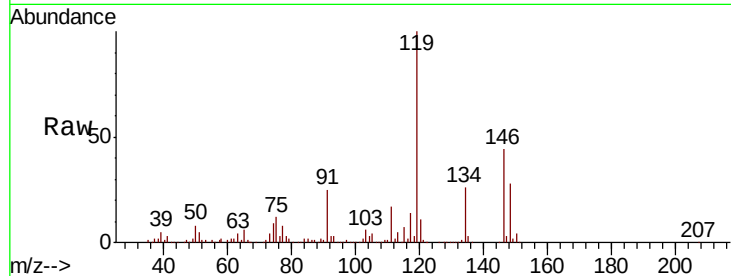




#87
 1,3-Dichlorobenzene
 Concen: 55.297 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

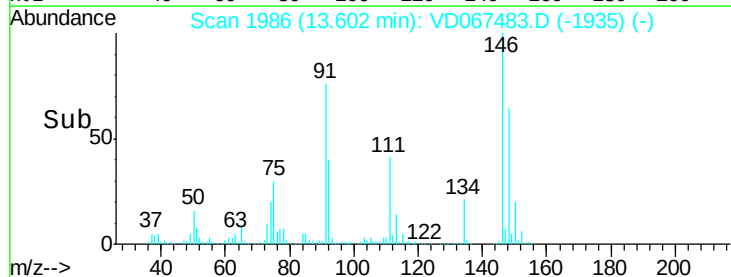
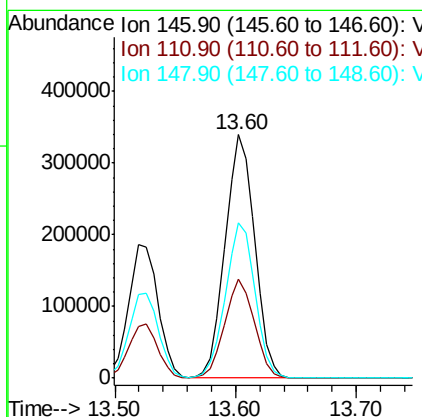
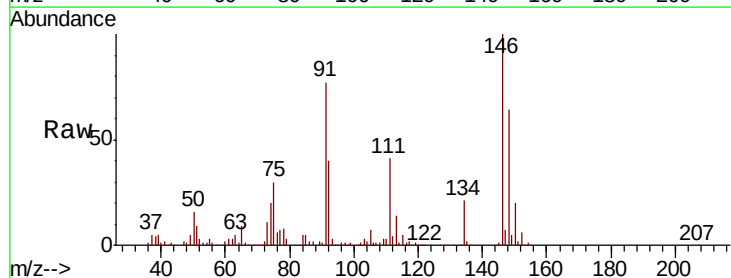
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

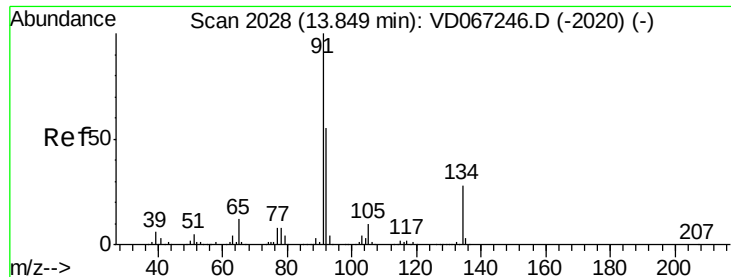
Tot Ion:146 Resp: 315646
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.3
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 102.186 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion:146 Resp: 577906
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.9 59.7
 148 63.8 31.9 95.9

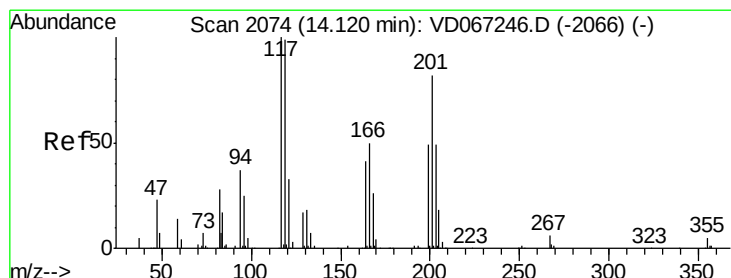
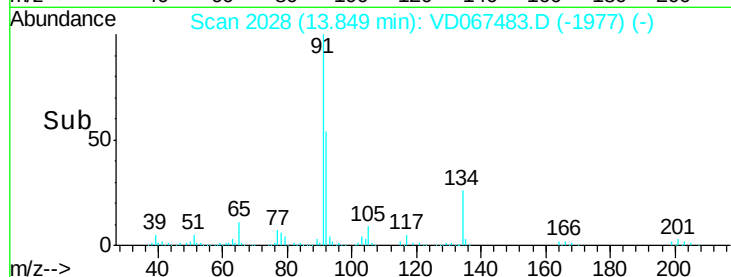
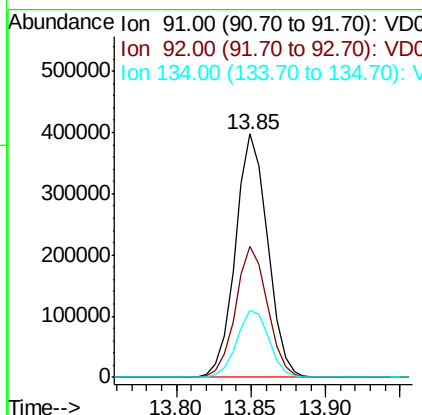
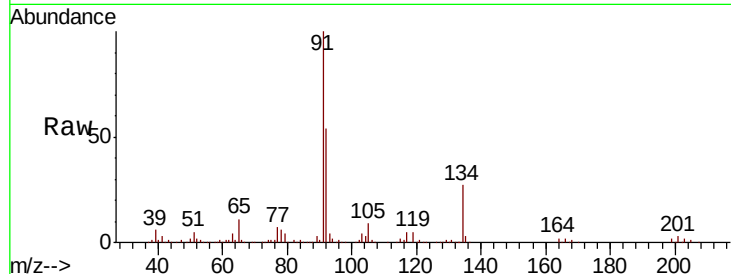




#89
n-Butylbenzene
Concen: 59.875 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

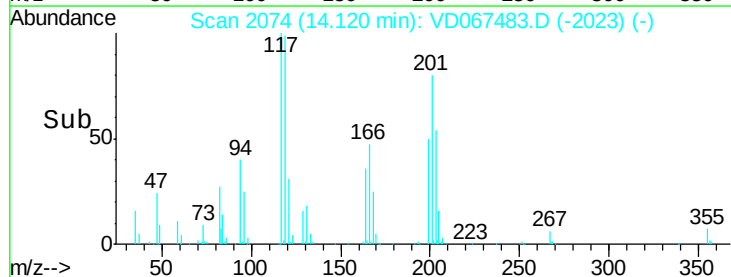
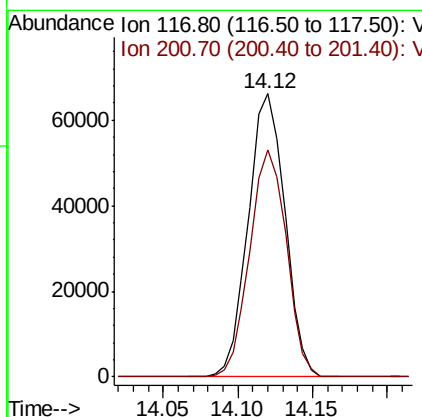
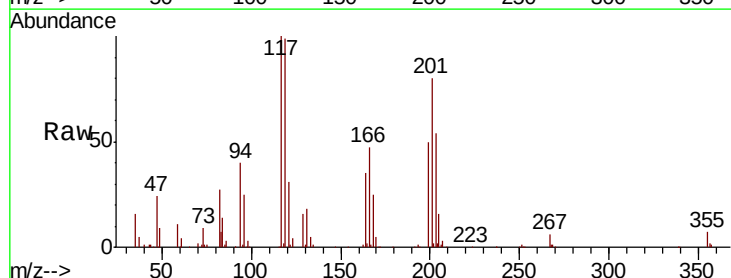
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

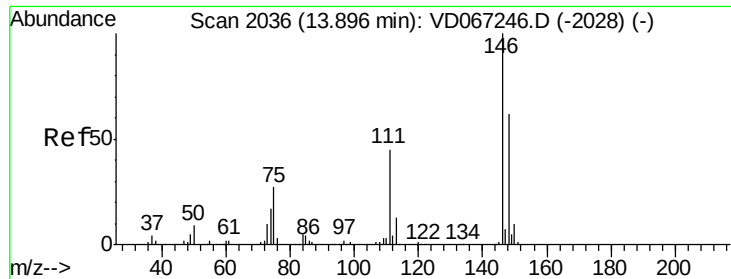
Tot Ion: 91 Resp: 595690
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 27.6 14.2 42.6



#90
Hexachloroethane
Concen: 57.212 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067483.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 117 Resp: 112906
Ion Ratio Lower Upper
117 100
201 79.8 40.8 122.2

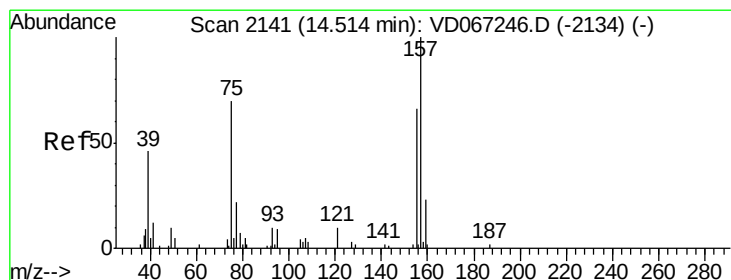
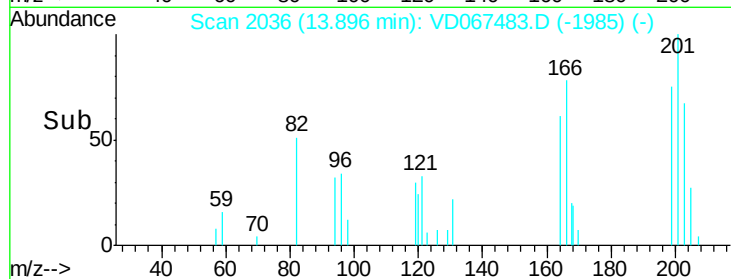
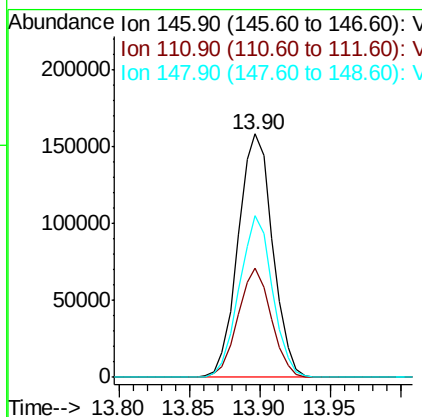
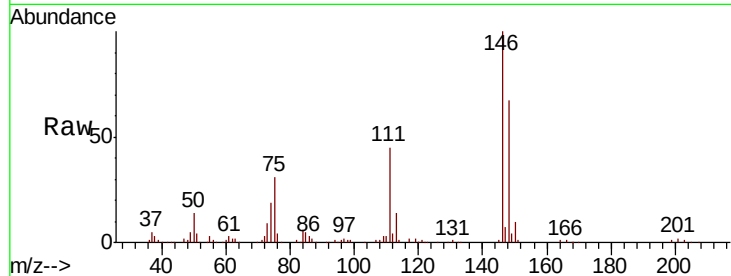




#91
 1,2-Dichlorobenzene
 Concen: 54.187 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

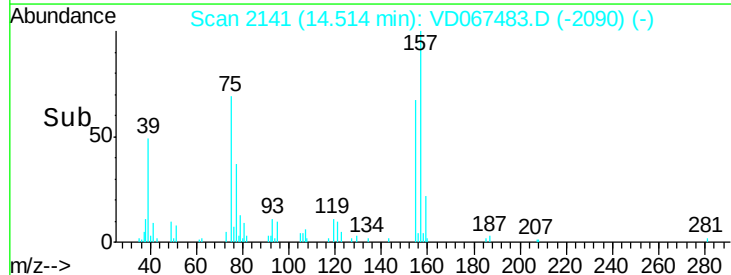
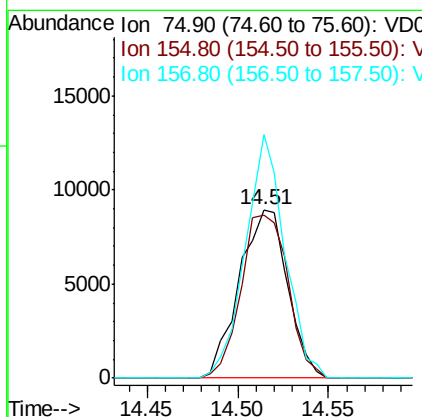
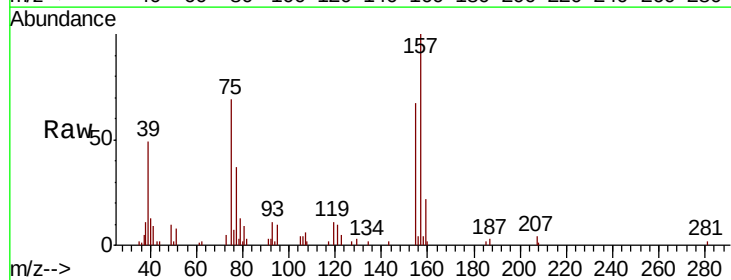
Instrument :
 MSVOA_D
 ClientSampled :
 VSTD05006

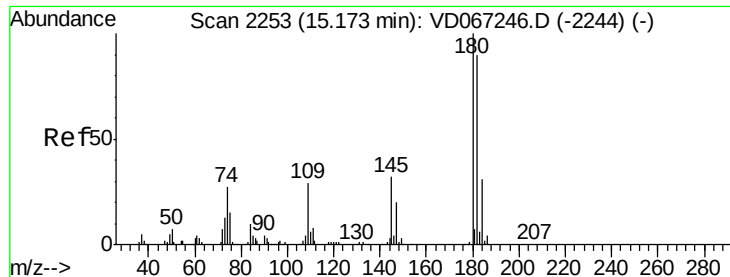
Tot Ion:146 Resp: 270211
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.0 66.0
 148 64.2 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.126 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion: 75 Resp: 16598
 Ion Ratio Lower Upper
 75 100
 155 94.6 44.8 134.4
 157 118.2 62.5 187.4

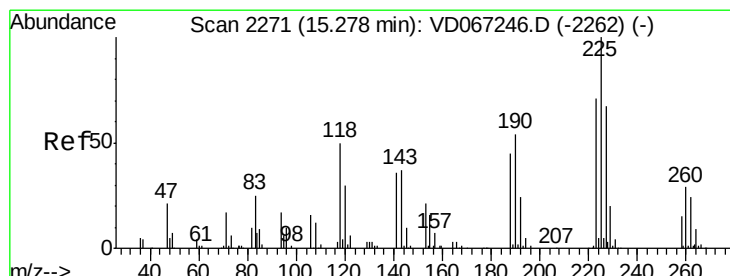
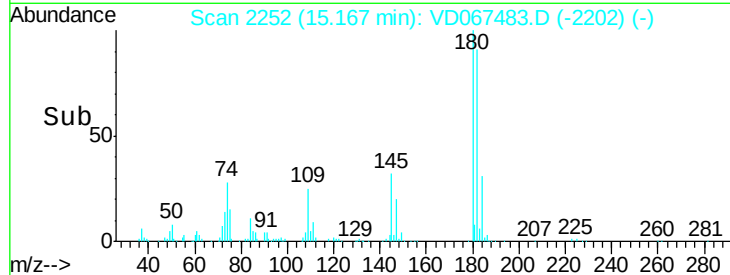
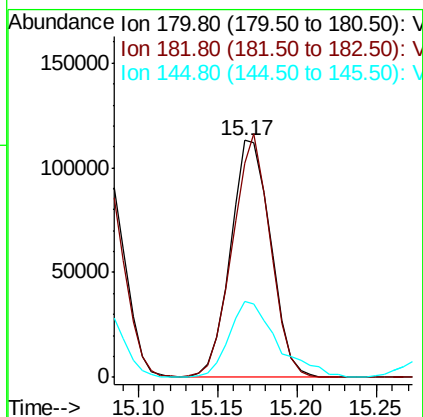
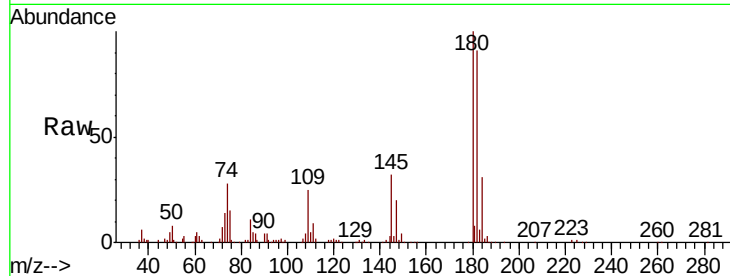




#93
 1,2,4-Trichlorobenzene
 Concen: 59.368 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

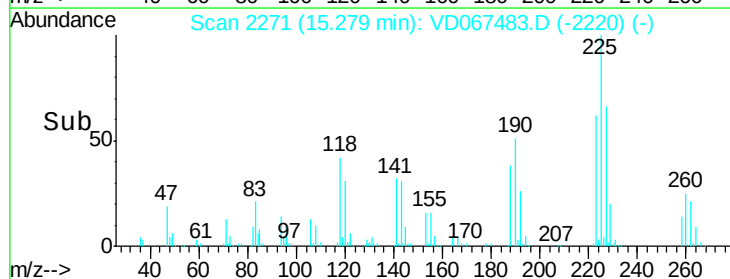
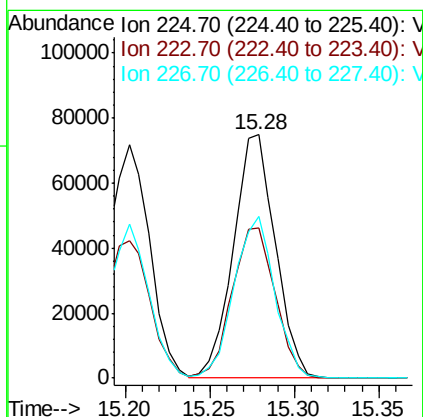
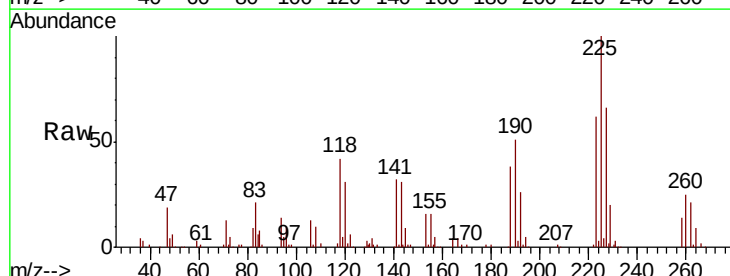
Instrument :
 MSVOA_D
 ClientSampled :
 VSTD05006

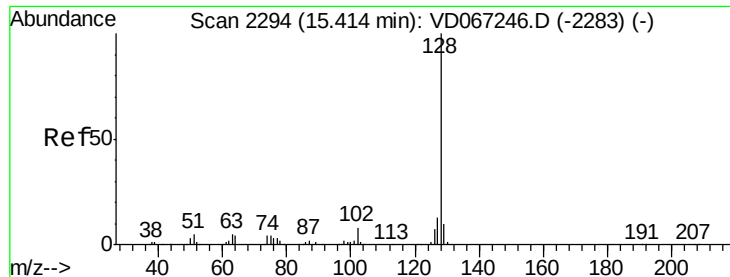
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.1	144.4
145	38.3	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 62.227 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067483.D
 Acq: 02 Nov 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	64.0	31.2	93.6





#95

Naphthalene

Concen: 58.090 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

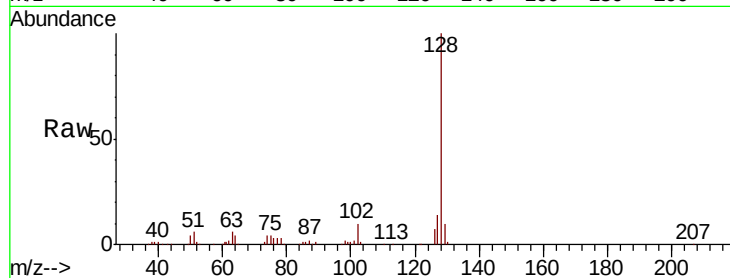
Tot Ion:128 Resp: 320659

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

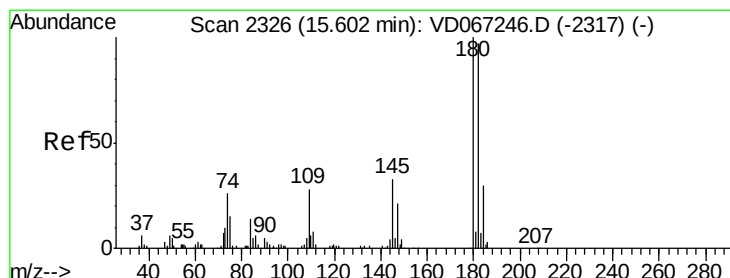
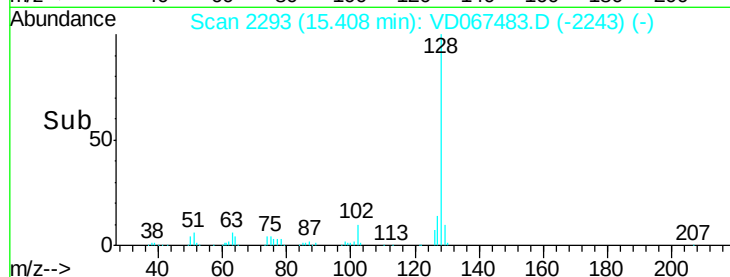
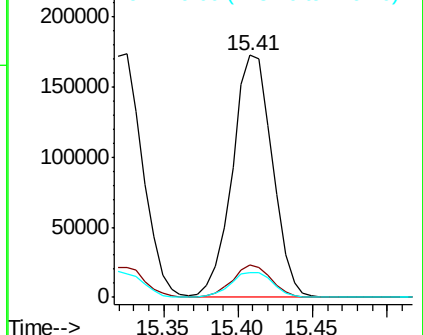
129 11.0 8.6 12.8



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: 56.727 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067483.D

Acq: 02 Nov 2020 11:16

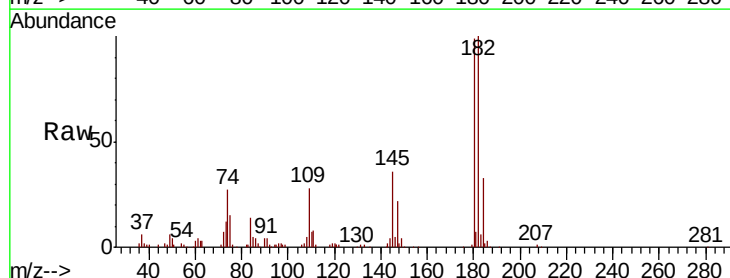
Tgt Ion:180 Resp: 164767

Ion Ratio Lower Upper

180 100

182 97.5 48.1 144.3

145 34.9 17.3 51.9



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

