

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066226.D
 Acq On : 13 Aug 2020 22:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 03:06:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	424049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	409373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	139149	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	7.91	113	142028	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.34	98	518793	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.63	95	194878	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	105261	42.547	ug/l	98
3) Chloromethane	2.20	50	87531	45.482	ug/l	97
4) Vinyl Chloride	2.35	62	86558	50.802	ug/l	95
5) Bromomethane	2.76	94	63892	56.521	ug/l	99
6) Chloroethane	2.92	64	54619	52.223	ug/l	96
7) Trichlorofluoromethane	3.27	101	219680	49.455	ug/l	98
8) Diethyl Ether	3.71	74	66899	53.376	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	129823	49.247	ug/l	99
10) Methyl Iodide	4.30	142	135337	55.532	ug/l	98
11) Tert butyl alcohol	5.22	59	47299	253.353	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	122250	49.159	ug/l	99
13) Acrolein	3.92	56	37602	188.566	ug/l	98
14) Allyl chloride	4.71	41	191656	50.871	ug/l	96
15) Acrylonitrile	5.42	53	148881	281.887	ug/l	99
16) Acetone	4.15	43	116315	244.695	ug/l	97
17) Carbon Disulfide	4.40	76	356985	45.148	ug/l	98
18) Methyl Acetate	4.71	43	65197	53.998	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	317195	55.648	ug/l	98
20) Methylene Chloride	4.96	84	170322	63.667	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	145290	50.857	ug/l	97
22) Diisopropyl ether	6.36	45	402621	54.041	ug/l	93
23) Vinyl Acetate	6.30	43	1211169	277.492	ug/l	100
24) 1,1-Dichloroethane	6.26	63	245449	53.234	ug/l	98
25) 2-Butanone	7.21	43	179215	256.334	ug/l	99
26) 2,2-Dichloropropane	7.21	77	202107	48.907	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	164151	54.782	ug/l	99
28) Bromochloromethane	7.54	49	88222	54.478	ug/l	98
29) Tetrahydrofuran	7.56	42	119864	276.716	ug/l	100
30) Chloroform	7.71	83	276916	57.197	ug/l	96
31) Cyclohexane	7.98	56	197678	45.039	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	246500	54.303	ug/l	99
36) 1,1-Dichloropropene	8.11	75	191903	48.159	ug/l	98
37) Ethyl Acetate	7.29	43	84120	53.280	ug/l	99
38) Carbon Tetrachloride	8.09	117	222868	50.154	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	229118	47.565	ug/l	97
40) Benzene	8.35	78	568092	51.392	ug/l	97
41) Methacrylonitrile	7.56	41	122805	132.290	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	176955	54.492	ug/l	100
43) Isopropyl Acetate	8.45	43	167695	53.908	ug/l	100
44) Trichloroethene	9.11	130	171649	51.531	ug/l	99
45) 1,2-Dichloropropane	9.38	63	144257	53.359	ug/l	93
46) Dibromomethane	9.47	93	83355	55.974	ug/l	99
47) Bromodichloromethane	9.66	83	215411	54.730	ug/l	99
48) Methyl methacrylate	9.45	41	80874	50.915	ug/l #	84
49) 1,4-Dioxane	9.46	88	19196	1003.336	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	435159	272.339	ug/l	98
52) Toluene	10.40	92	381322	52.424	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	202347	54.173	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	238286	54.450	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	111453	51.975	ug/l	89
56) Ethyl methacrylate	10.66	69	150615	58.469	ug/l	97
57) 1,3-Dichloropropane	10.94	76	192390	54.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	335140	289.236	ug/l	100
59) 2-Hexanone	10.98	43	298299	266.004	ug/l	99
60) Dibromochloromethane	11.14	129	161007	54.386	ug/l	100
61) 1,2-Dibromoethane	11.24	107	113207	54.895	ug/l	98
64) Tetrachloroethene	10.87	164	150662	47.928	ug/l	98
65) Chlorobenzene	11.67	112	424417	51.071	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	168311	51.762	ug/l	99
67) Ethyl Benzene	11.74	91	733402	50.927	ug/l	100
68) m/p-Xylenes	11.85	106	558735	100.139	ug/l	98
69) o-Xylene	12.18	106	268392	52.879	ug/l	99
70) Styrene	12.20	104	461352	51.866	ug/l	98
71) Bromoform	12.36	173	101090	52.473	ug/l #	99
73) Isopropylbenzene	12.48	105	729809	54.130	ug/l	100
74) N-amyl acetate	12.28	43	160859	54.180	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	125847	54.740	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	163614	97.137	ug/l #	100
77) Bromobenzene	12.76	156	188413	54.287	ug/l	98
78) n-propylbenzene	12.82	91	822976	52.511	ug/l	100
79) 2-Chlorotoluene	12.91	91	473915	52.871	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	611741	54.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	37778	49.580	ug/l	89
82) 4-Chlorotoluene	13.01	91	511644	54.071	ug/l	99
83) tert-Butylbenzene	13.23	119	525997	53.044	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	603585	53.489	ug/l	100
85) sec-Butylbenzene	13.40	105	705702	52.711	ug/l	99
86) p-Isopropyltoluene	13.52	119	670761	53.418	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	340749	52.238	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	341488	52.494	ug/l	99
89) n-Butylbenzene	13.84	91	608024	54.045	ug/l	100
90) Hexachloroethane	14.11	117	131266	52.415	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	306702	53.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21766	55.086	ug/l	98

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QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

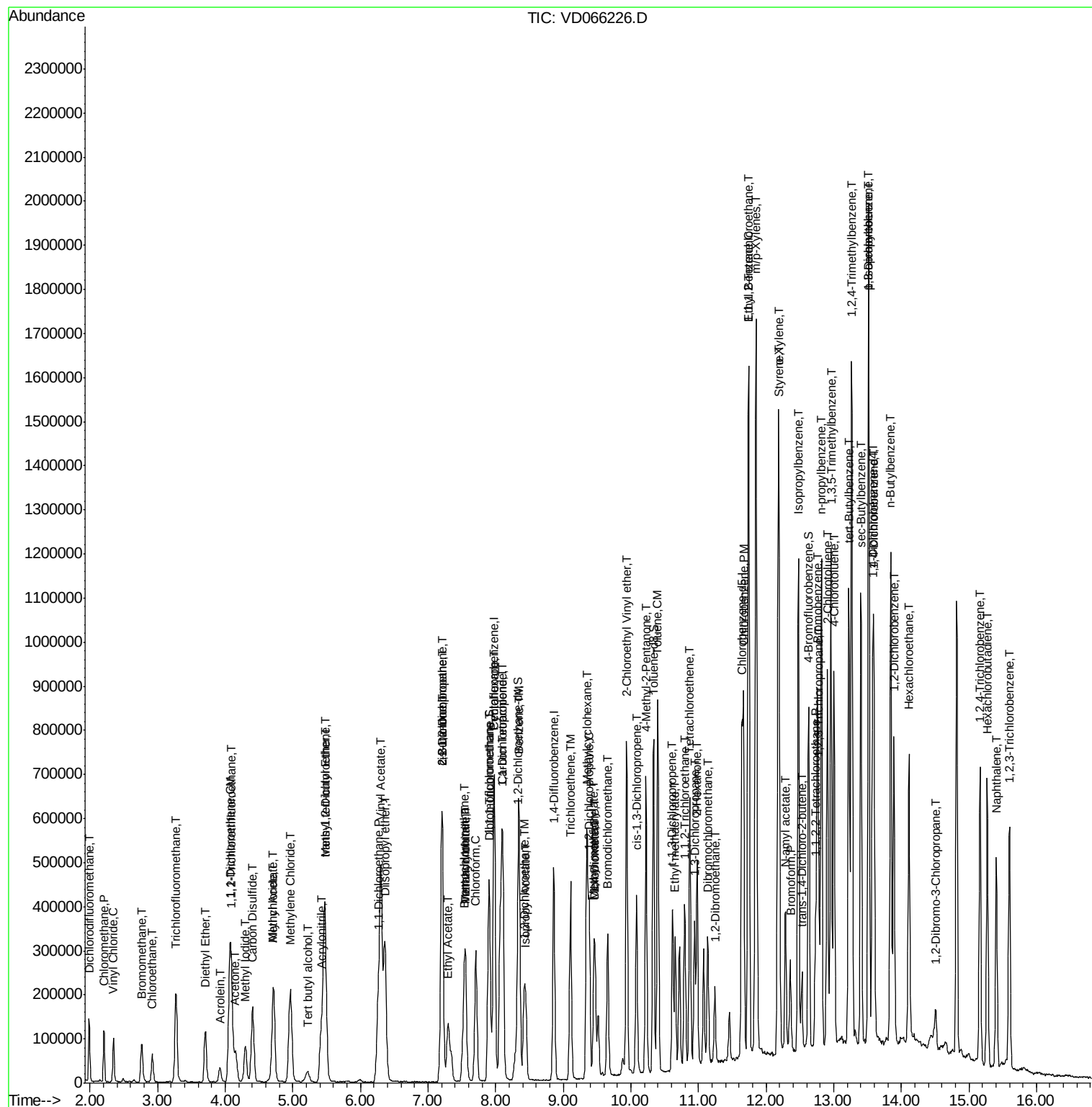
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	228299	53.702	ug/l	99
94) Hexachlorobutadiene	15.27	225	133513	53.333	ug/l	97
95) Naphthalene	15.41	128	413758	59.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	205047	54.637	ug/l	99

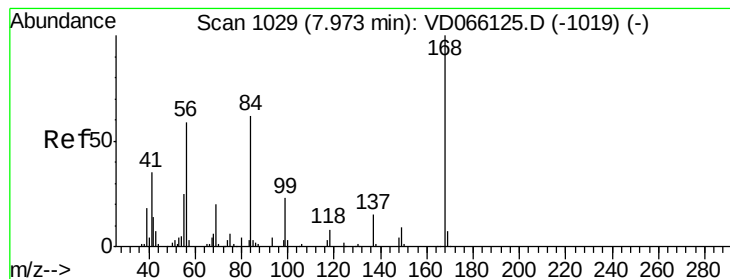
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

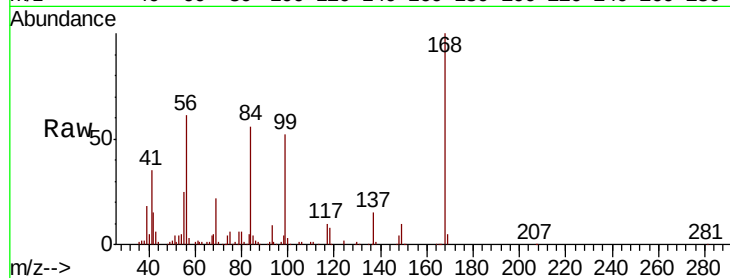
VSTDCCC050EC

Tot Ion:168 Resp: 280806

Ion Ratio Lower Upper

168 100

99 51.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

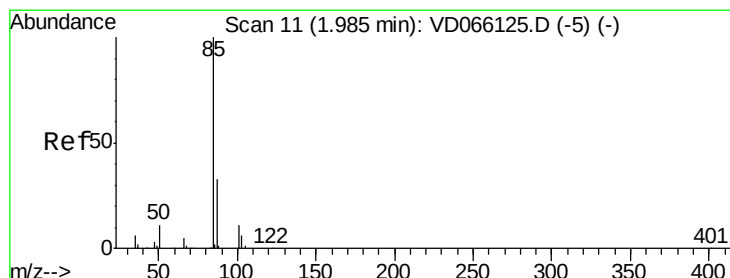
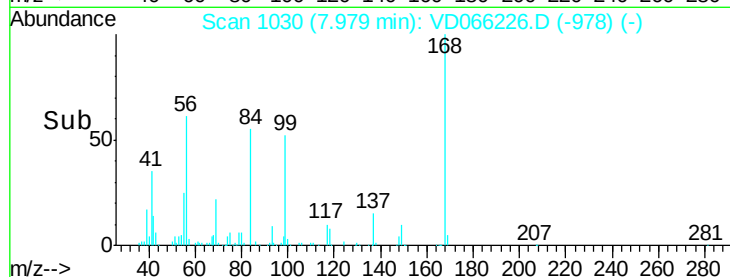
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.547 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066226.D

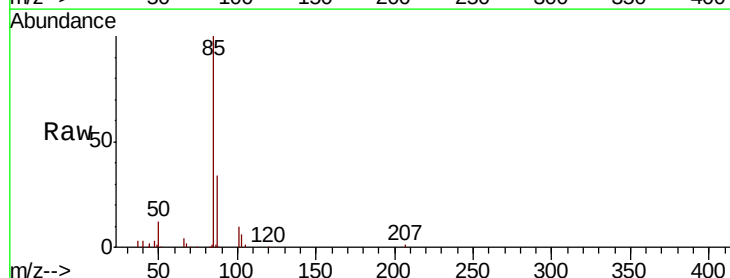
Acq: 13 Aug 2020 22:31

Tgt Ion: 85 Resp: 105261

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

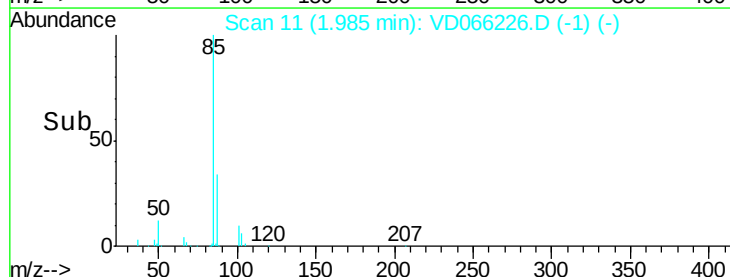
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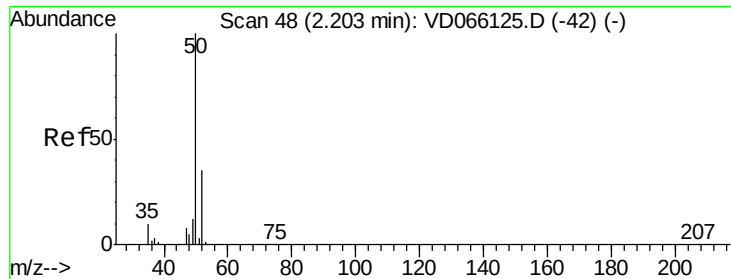
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20000

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Time-->





#3

Chloromethane

Concen: 45.482 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

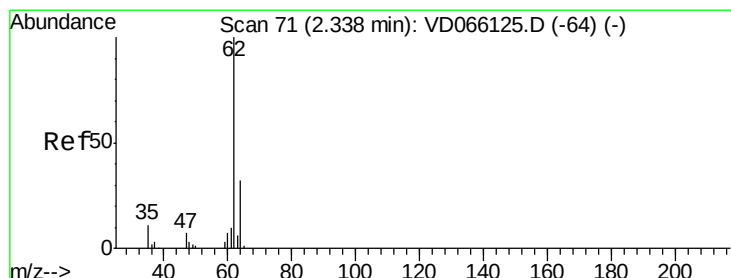
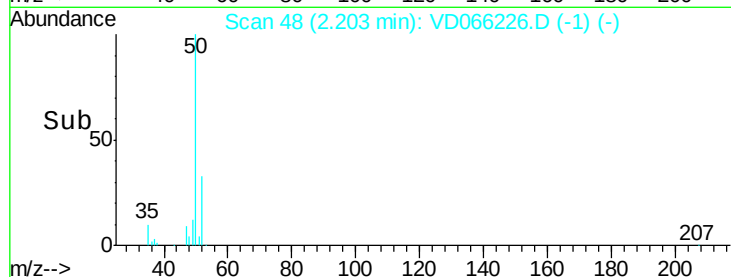
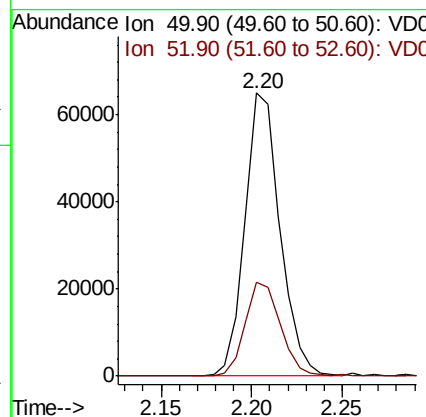
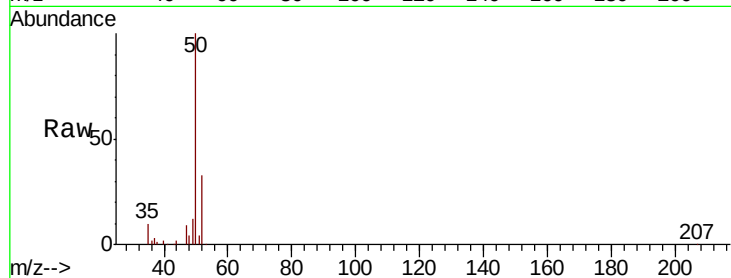
VSTDCCC050EC

Tot Ion: 50 Resp: 87531

Ion Ratio Lower Upper

50 100

52 33.2 27.9 41.9



#4

Vinyl Chloride

Concen: 50.802 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066226.D

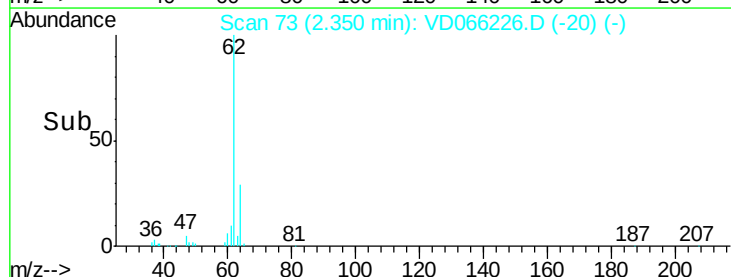
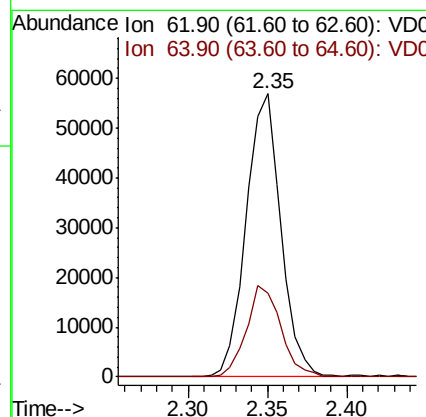
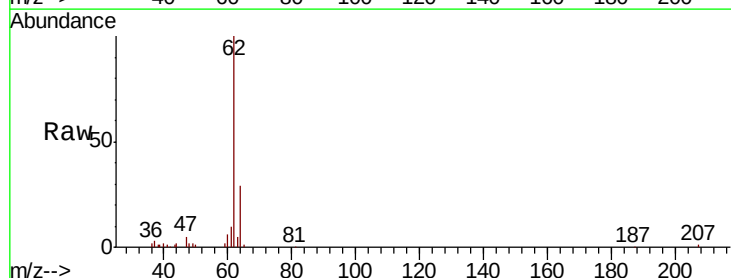
Acq: 13 Aug 2020 22:31

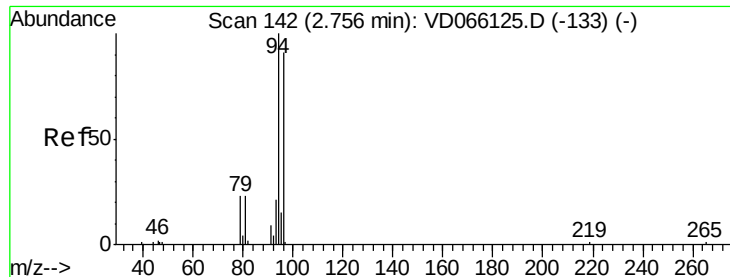
Tgt Ion: 62 Resp: 86558

Ion Ratio Lower Upper

62 100

64 29.4 25.8 38.8





#5

Bromomethane

Concen: 56.521 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

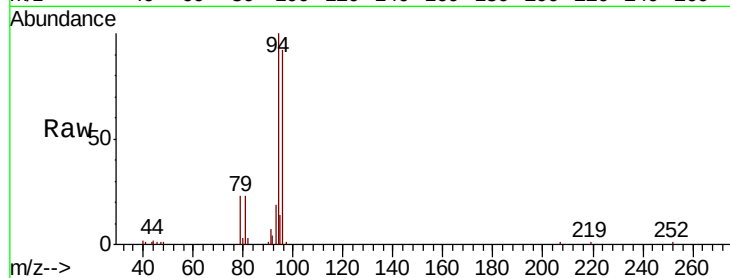
VSTDCCC050EC

Tot Ion: 94 Resp: 63892

Ion Ratio Lower Upper

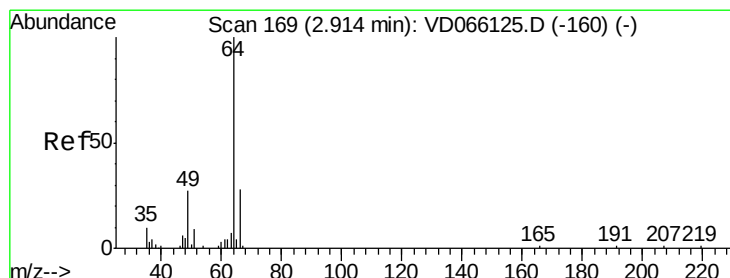
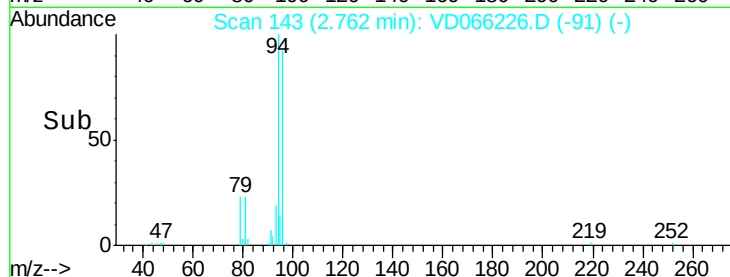
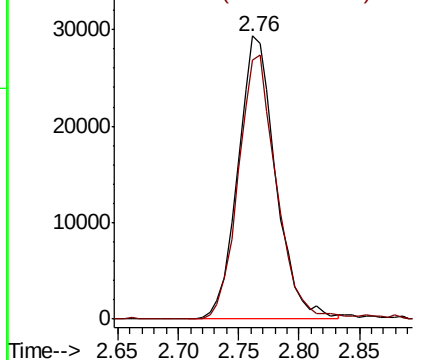
94 100

96 91.6 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.223 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066226.D

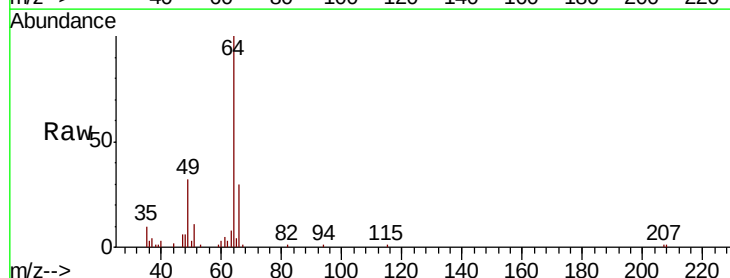
Acq: 13 Aug 2020 22:31

Tgt Ion: 64 Resp: 54619

Ion Ratio Lower Upper

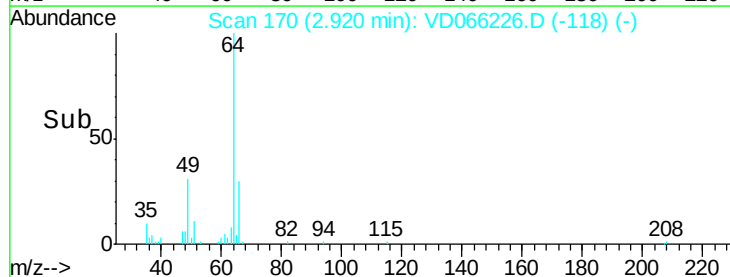
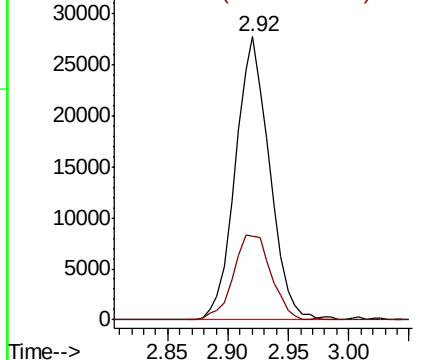
64 100

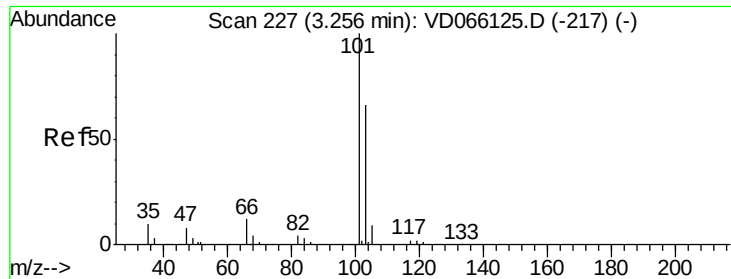
66 29.7 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



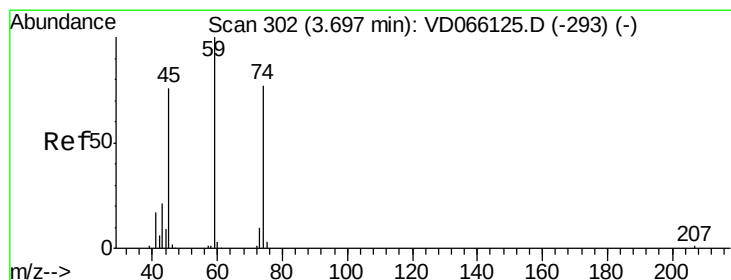
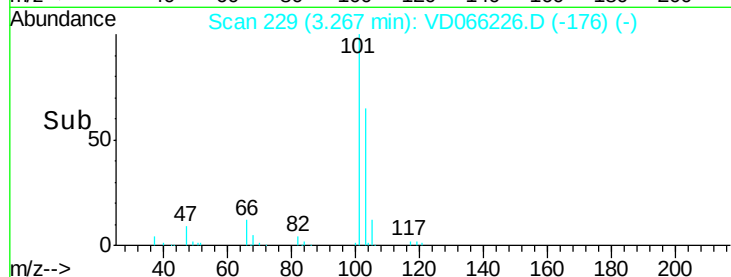
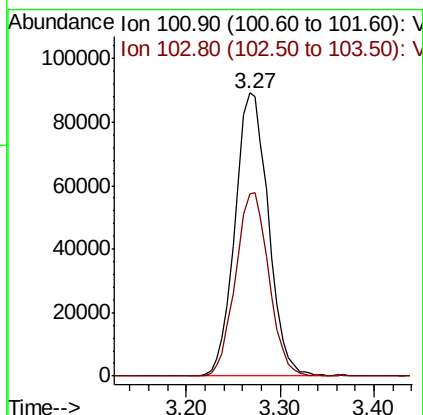
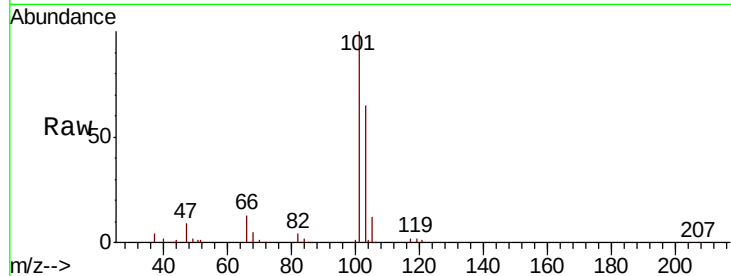


#7

Trichlorofluoromethane
 Concen: 49.455 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Instrument :
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 VSTDCCC050EC

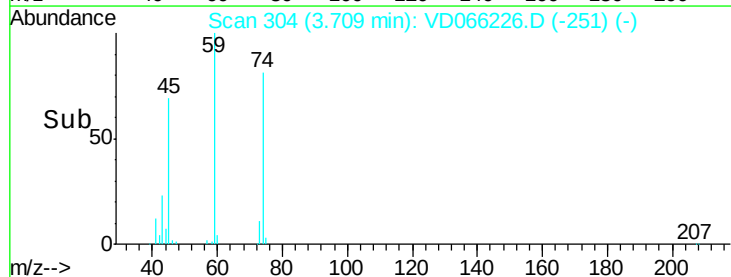
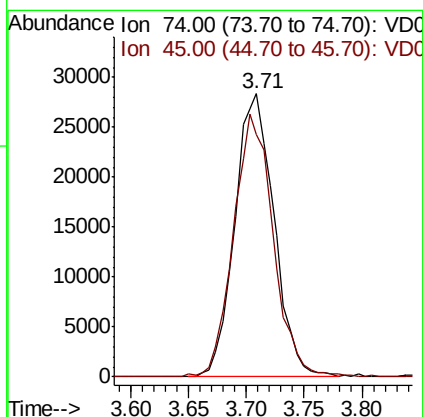
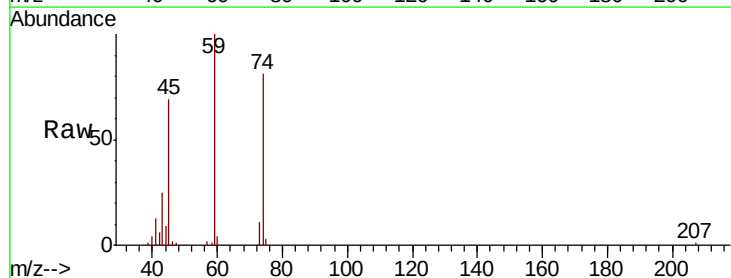
Tot Ion:101 Resp: 219680
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.0 79.6

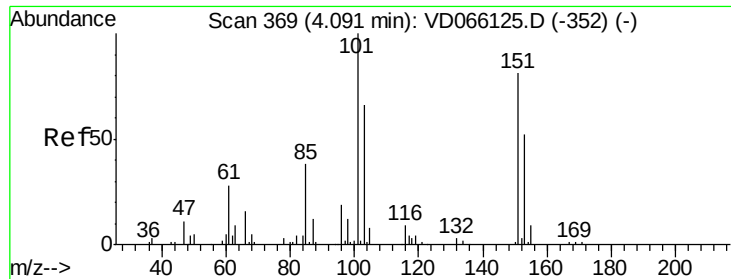


#8

Diethyl Ether
 Concen: 53.376 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 74 Resp: 66899
 Ion Ratio Lower Upper
 74 100
 45 94.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.247 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

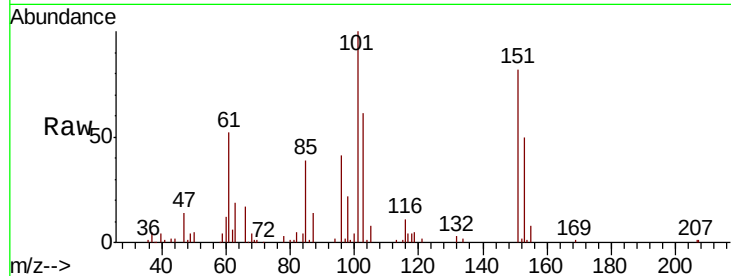
Tot Ion:101 Resp: 129823

Ion Ratio Lower Upper

101 100

85 42.6 33.5 50.3

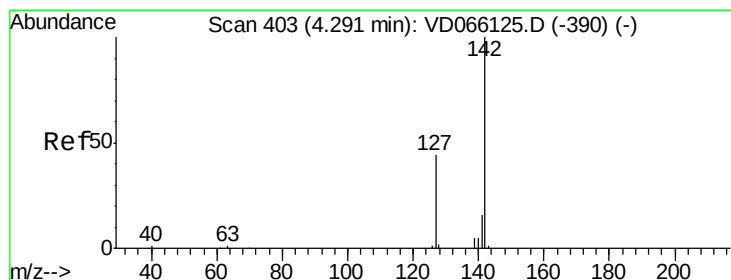
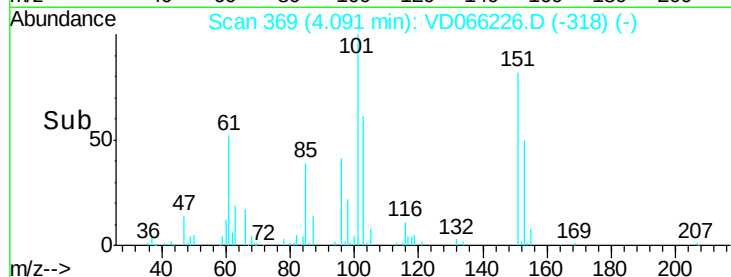
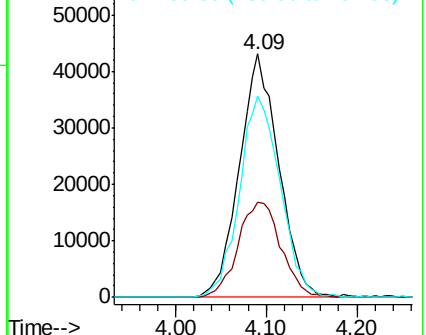
151 85.5 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.532 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

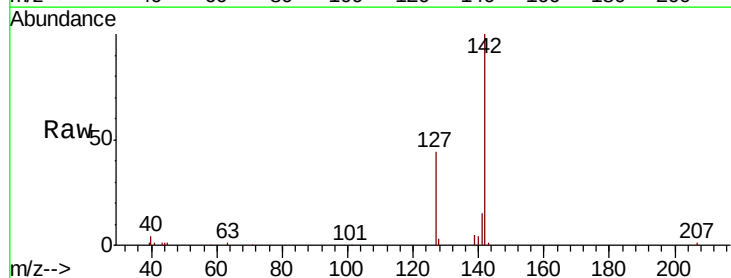
Tgt Ion:142 Resp: 135337

Ion Ratio Lower Upper

142 100

127 44.1 36.2 54.4

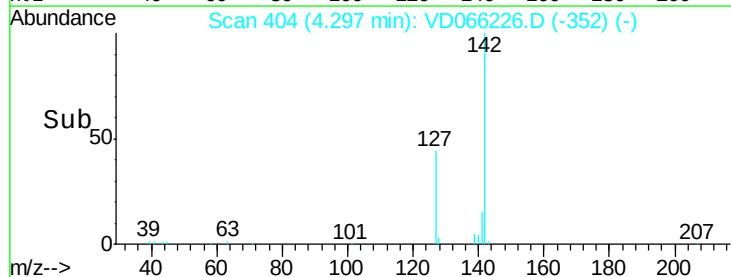
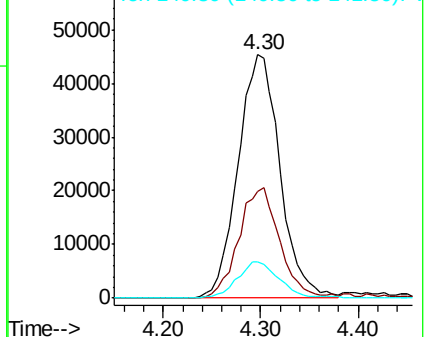
141 14.7 12.6 18.8

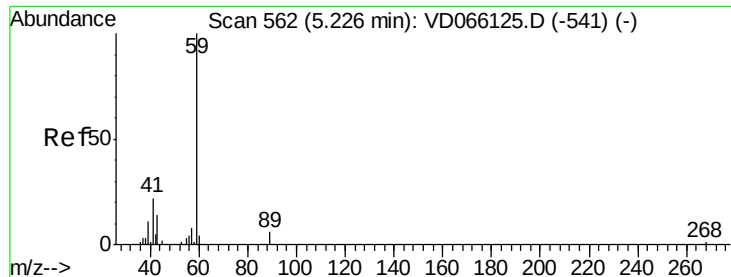


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.353 ug/l

RT: 5.22 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

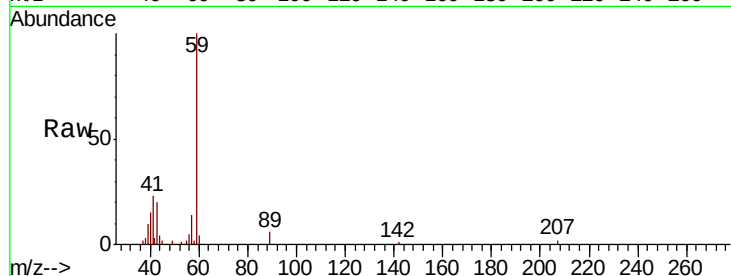
VSTDCCC050EC

Tot Ion: 59 Resp: 47299

Ion Ratio Lower Upper

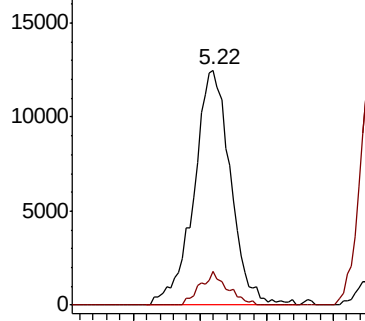
59 100

57 10.6 7.0 10.4#

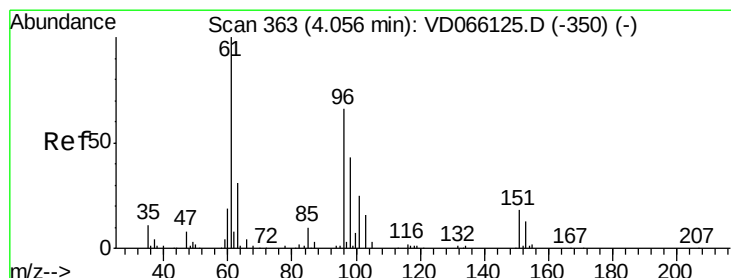
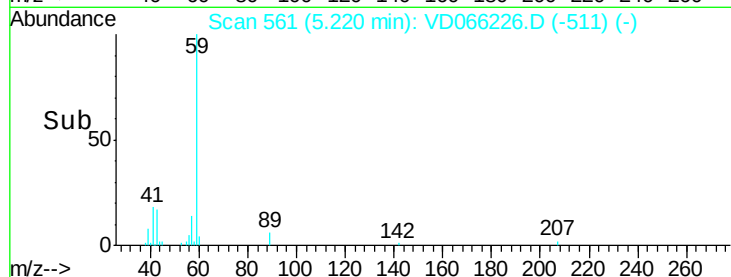


Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->



#12

1,1-Dichloroethene

Concen: 49.159 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

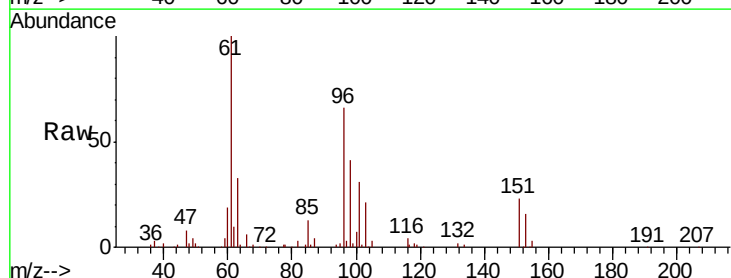
Tgt Ion: 96 Resp: 122250

Ion Ratio Lower Upper

96 100

61 152.1 121.6 182.4

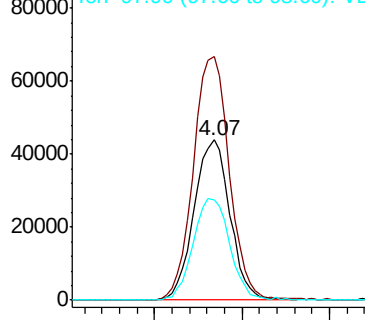
98 62.6 52.0 78.0



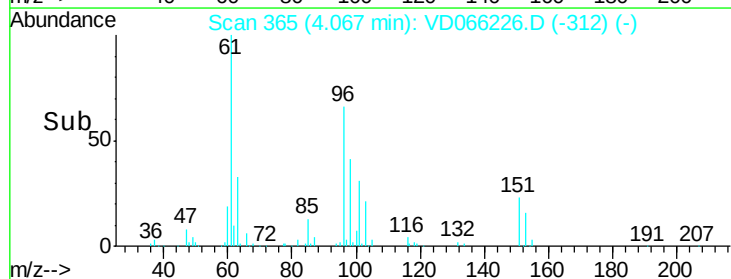
Abundance Ion 95.90 (95.60 to 96.60): VDC

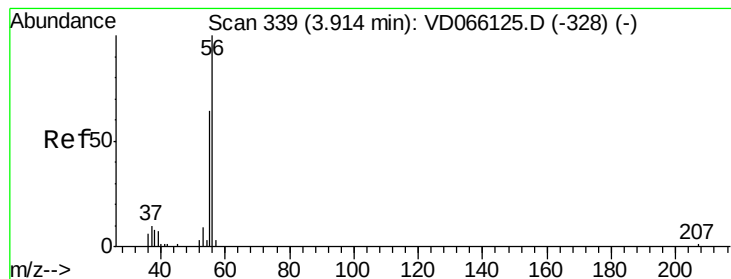
Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



Time-->





#13

Acrolein

Concen: 188.566 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

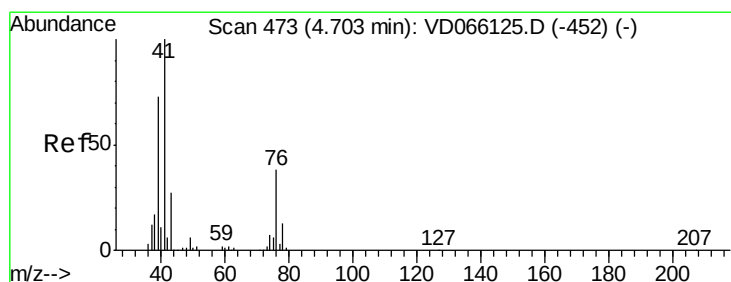
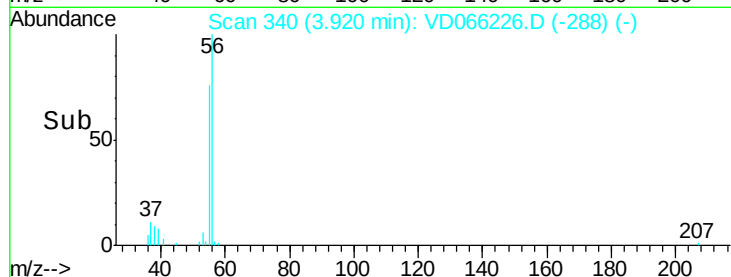
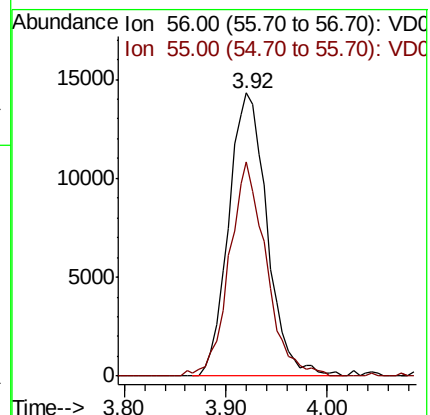
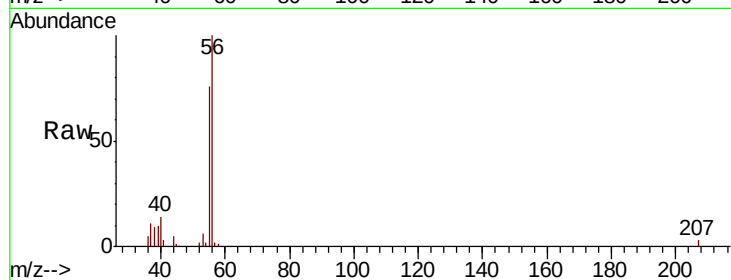
VSTDCCC050EC

Tot Ion: 56 Resp: 37602

Ion Ratio Lower Upper

56 100

55 72.9 56.7 85.1



#14

Allyl chloride

Concen: 50.871 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

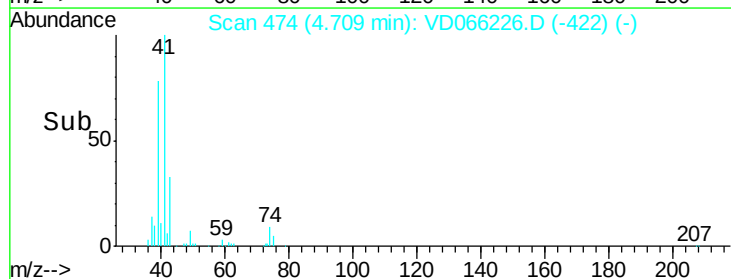
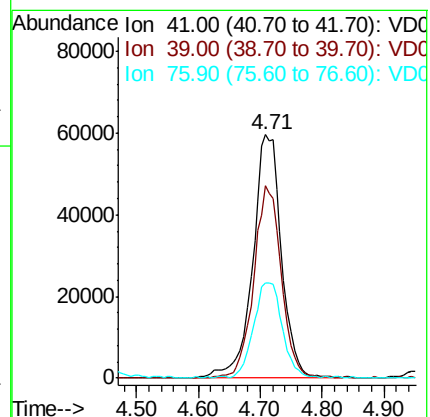
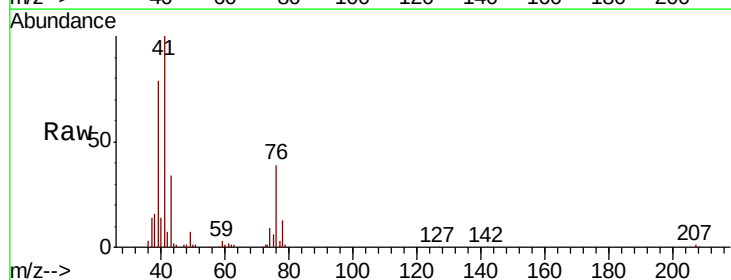
Tgt Ion: 41 Resp: 191656

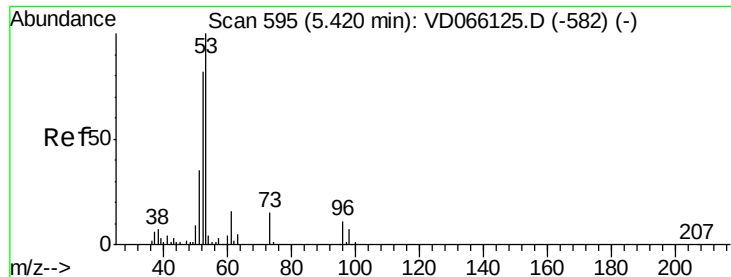
Ion Ratio Lower Upper

41 100

39 76.2 57.4 86.0

76 38.2 30.1 45.1





#15

Acrylonitrile

Concen: 281.887 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

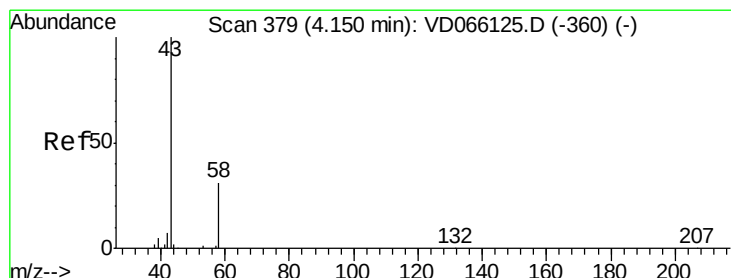
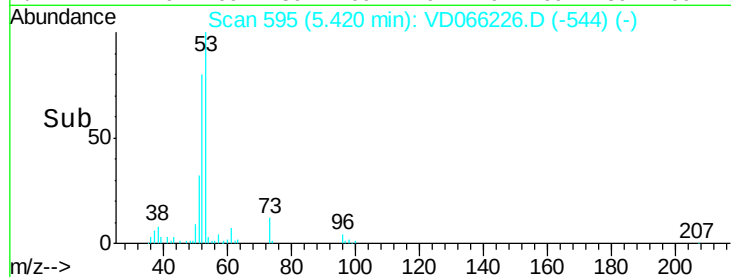
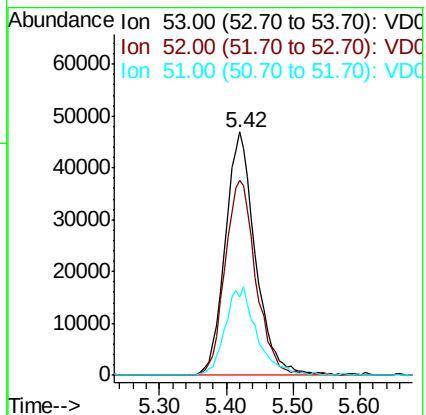
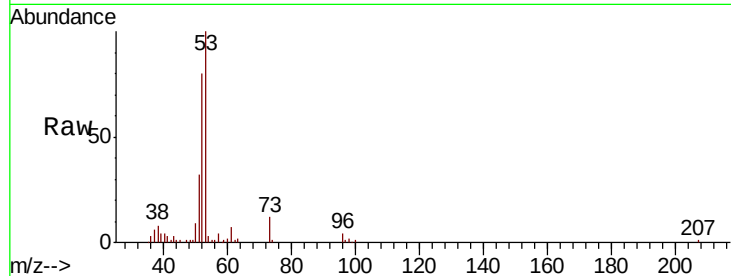
Tot Ion: 53 Resp: 148881

Ion Ratio Lower Upper

53 100

52 81.7 66.1 99.1

51 37.6 30.8 46.2



#16

Acetone

Concen: 244.695 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066226.D

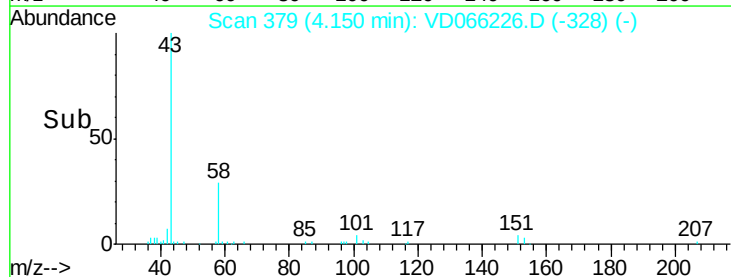
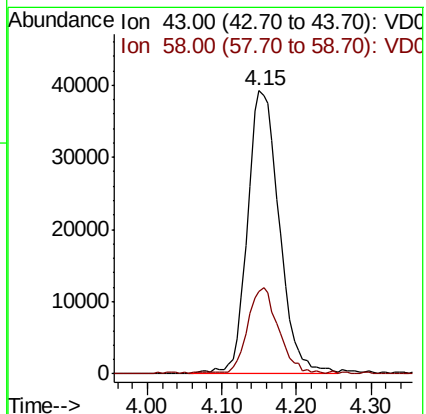
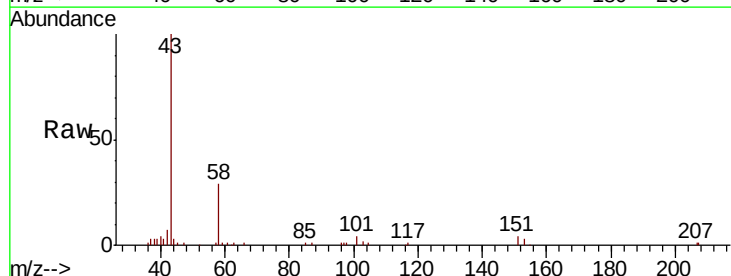
Acq: 13 Aug 2020 22:31

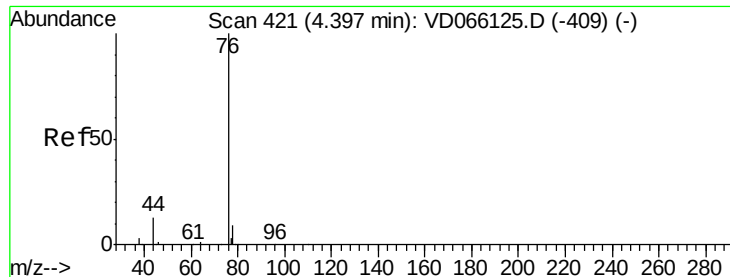
Tgt Ion: 43 Resp: 116315

Ion Ratio Lower Upper

43 100

58 29.3 24.7 37.1





#17

Carbon Disulfide

Concen: 45.148 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

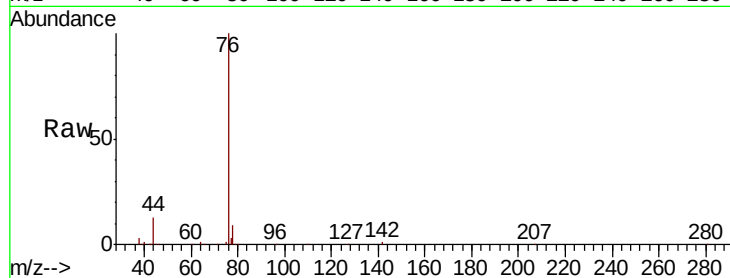
VSTDCCC050EC

Tot Ion: 76 Resp: 356985

Ion Ratio Lower Upper

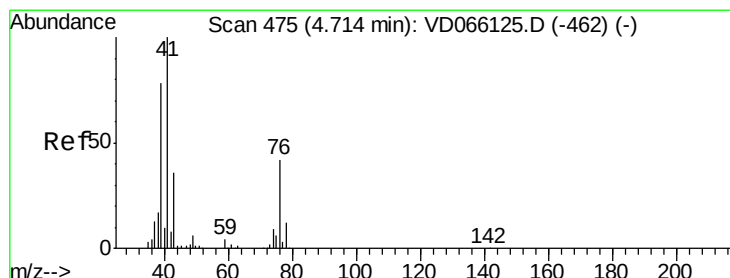
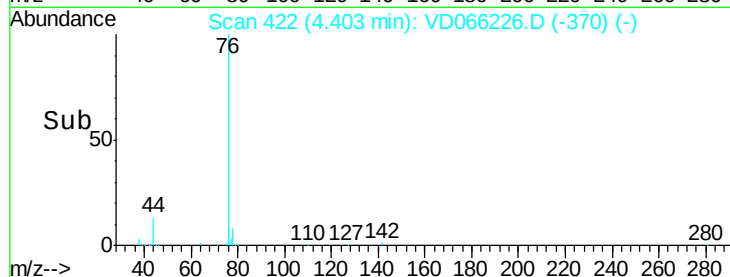
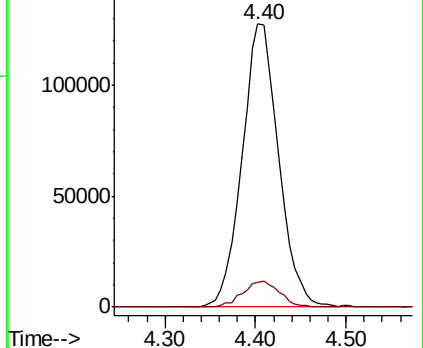
76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 53.998 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066226.D

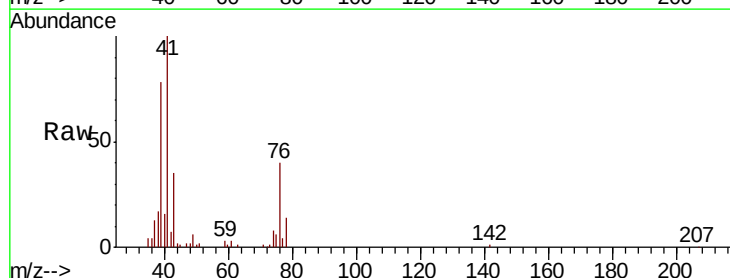
Acq: 13 Aug 2020 22:31

Tgt Ion: 43 Resp: 65197

Ion Ratio Lower Upper

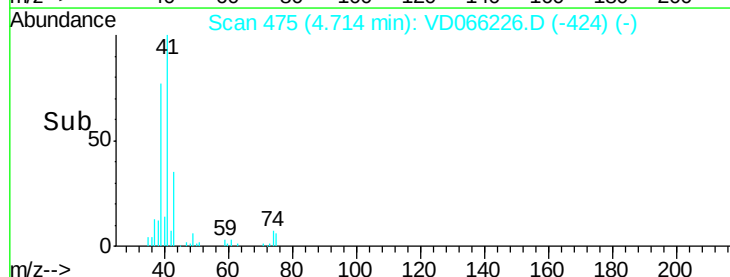
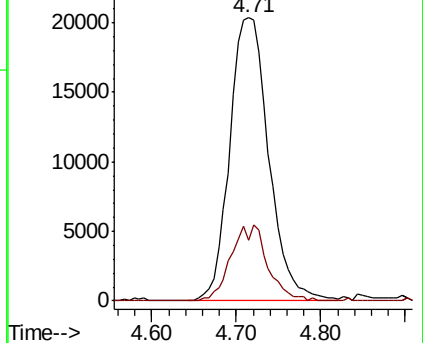
43 100

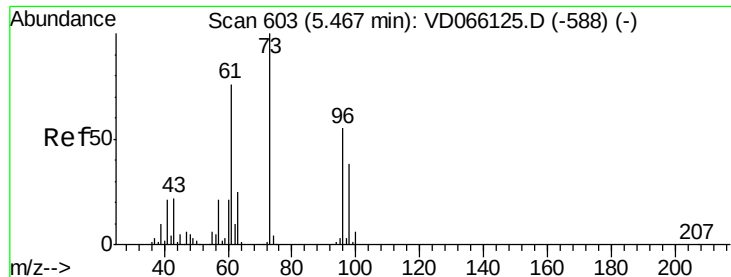
74 25.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



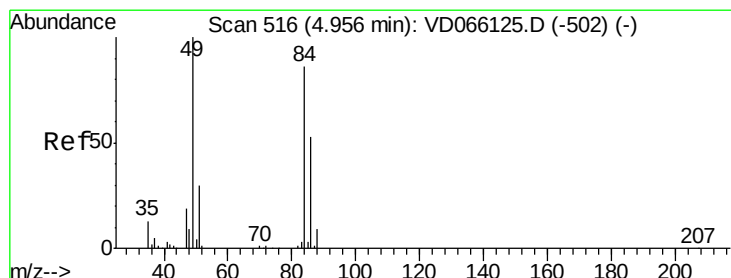
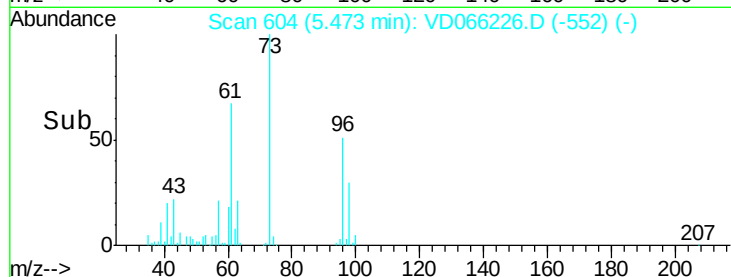
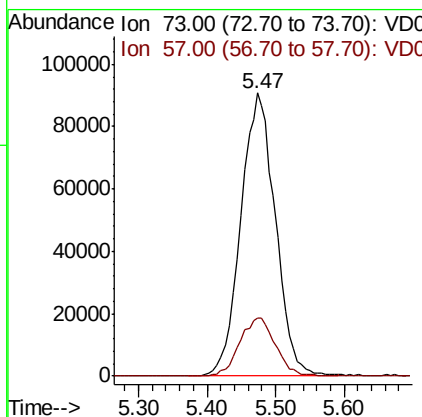
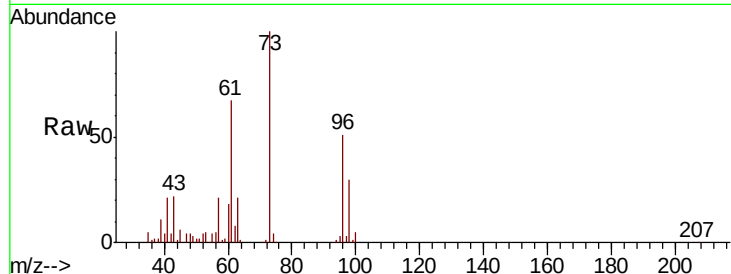


#19

Methyl tert-butyl Ether
 Concen: 55.648 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

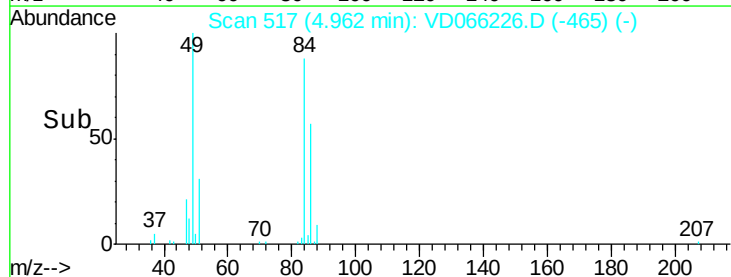
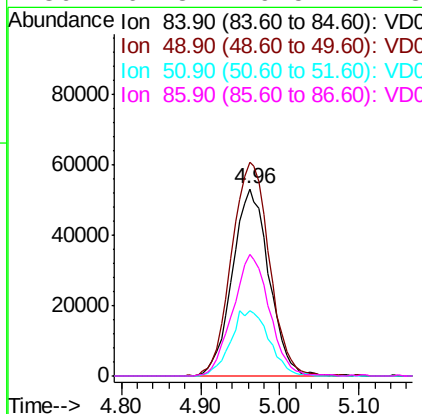
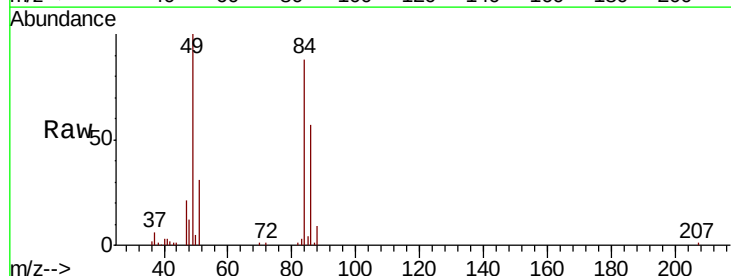
Tot Ion: 73 Resp: 317195
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.1 25.7

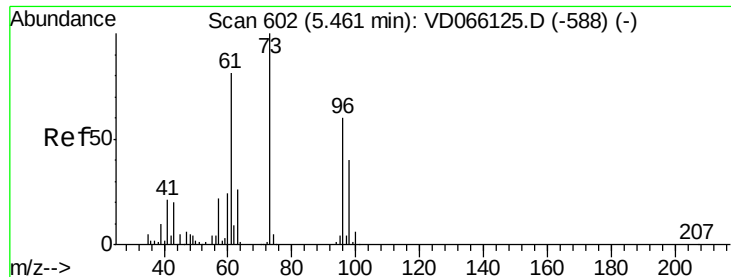


#20

Methylene Chloride
 Concen: 63.667 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 84 Resp: 170322
 Ion Ratio Lower Upper
 84 100
 49 113.7 93.5 140.3
 51 35.0 28.2 42.4
 86 64.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.857 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

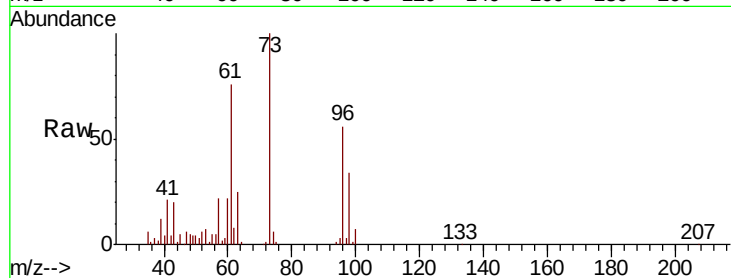
Tot Ion: 96 Resp: 145290

Ion Ratio Lower Upper

96 100

61 134.1 106.9 160.3

98 60.6 53.4 80.0

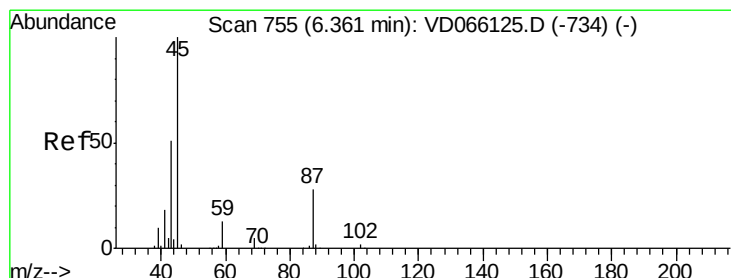
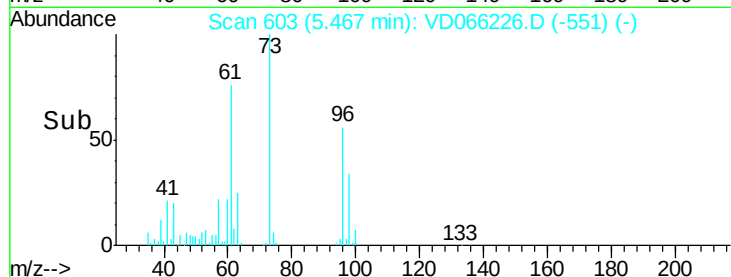
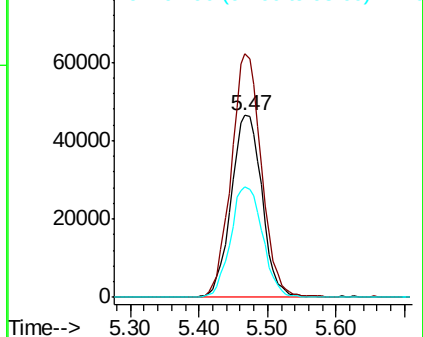


Abundance

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



#22

Diisopropyl ether

Concen: 54.041 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Tgt Ion: 45 Resp: 402621

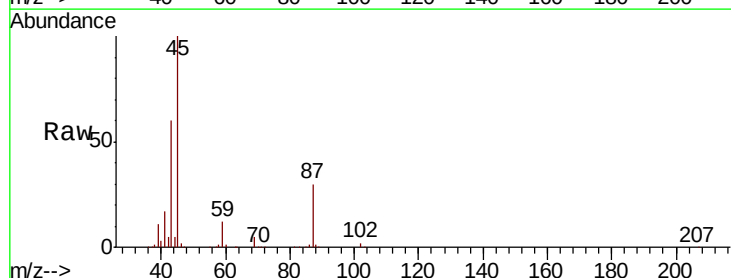
Ion Ratio Lower Upper

45 100

43 59.3 41.2 61.8

87 30.0 22.8 34.2

59 12.1 10.2 15.2



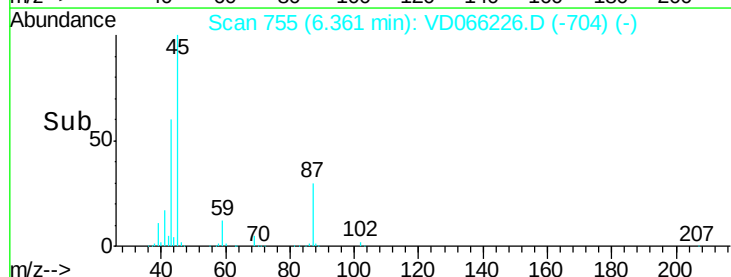
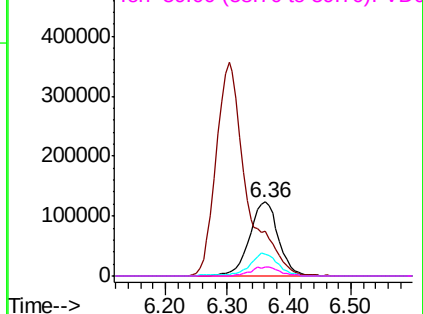
Abundance

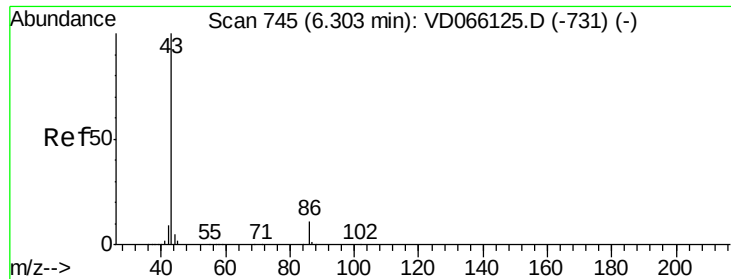
Ion 45.00 (44.70 to 45.70): VDC

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: 277.492 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

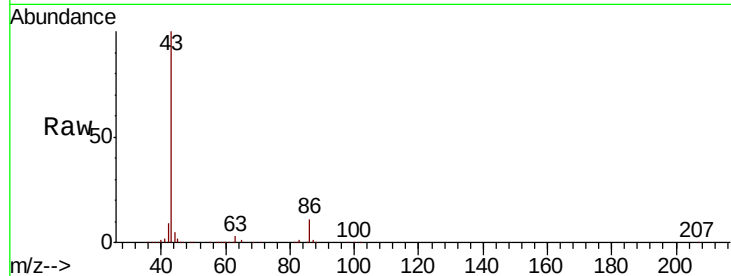
VSTDCCC050EC

Tot Ion: 43 Resp: 1211169

Ion Ratio Lower Upper

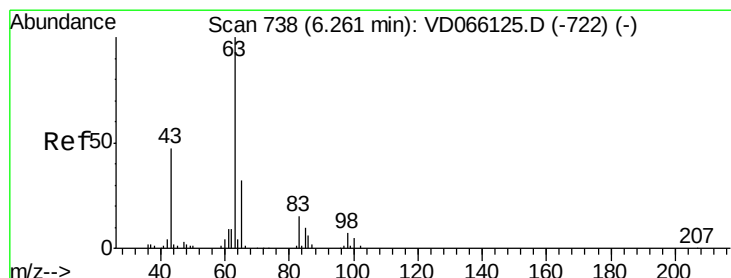
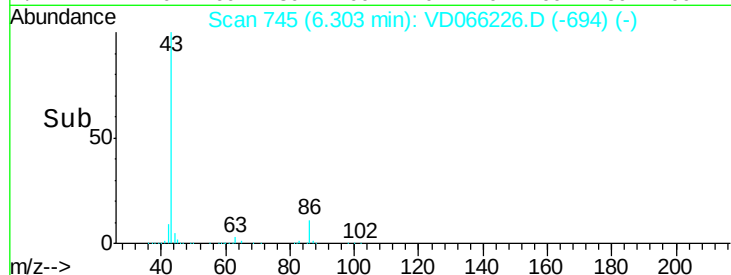
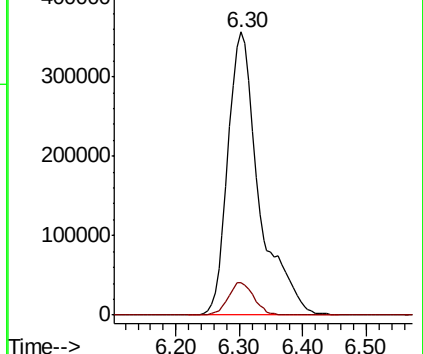
43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.234 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

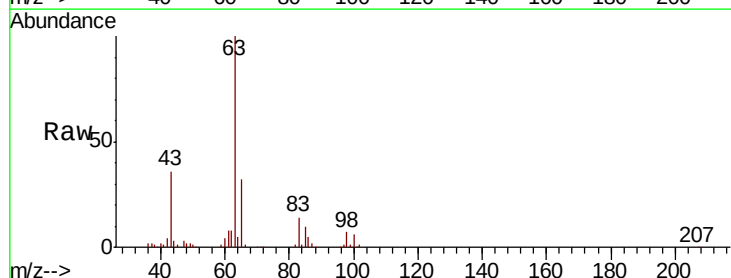
Tgt Ion: 63 Resp: 245449

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

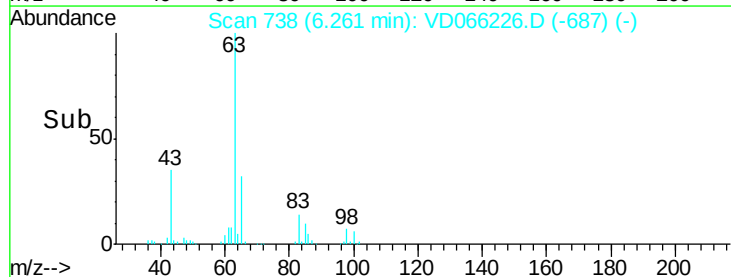
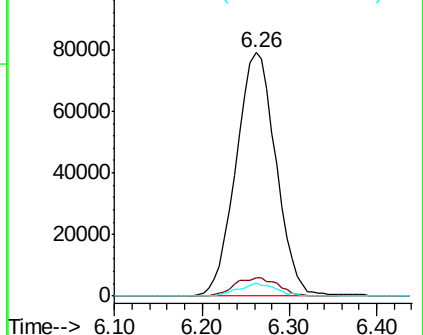
100 5.5 2.4 7.2

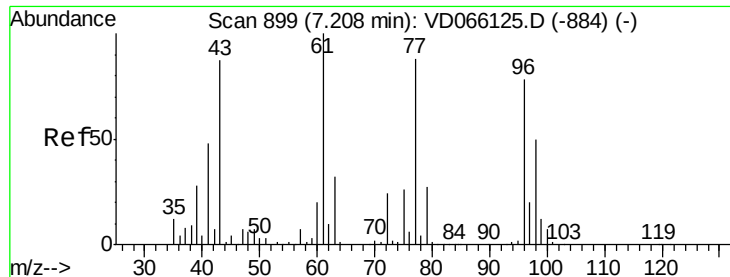


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

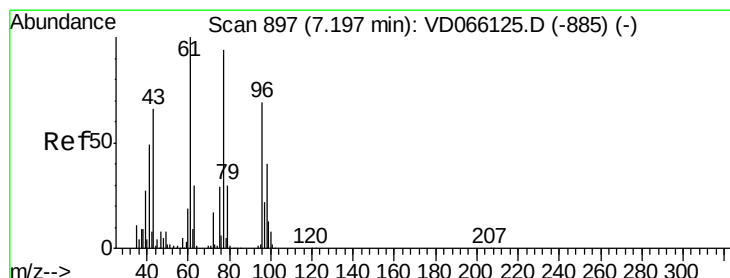
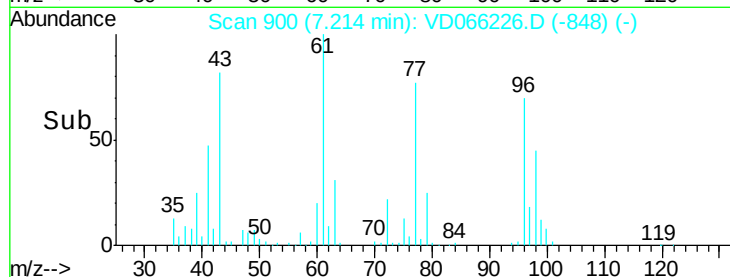
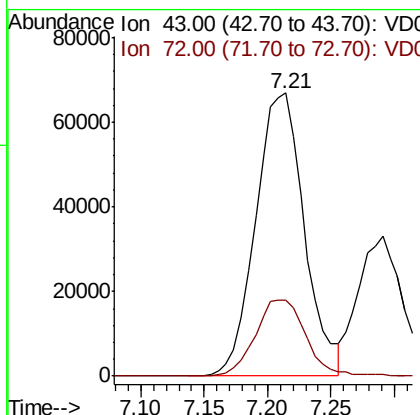
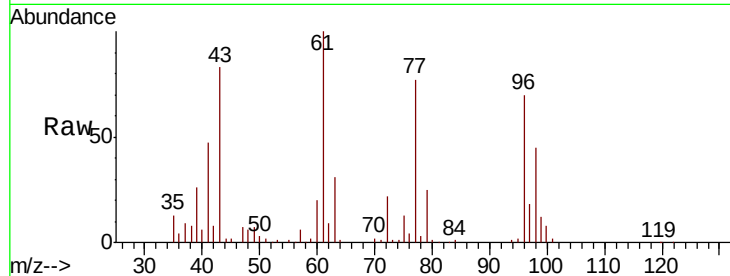




#25
2-Butanone
Concen: 256.334 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

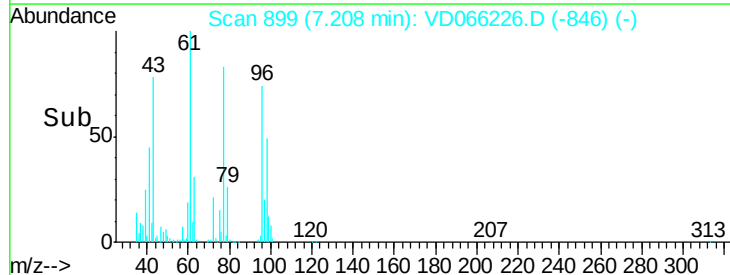
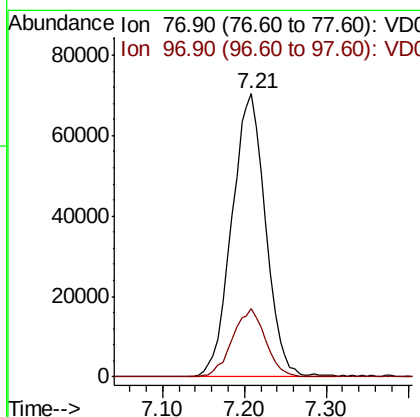
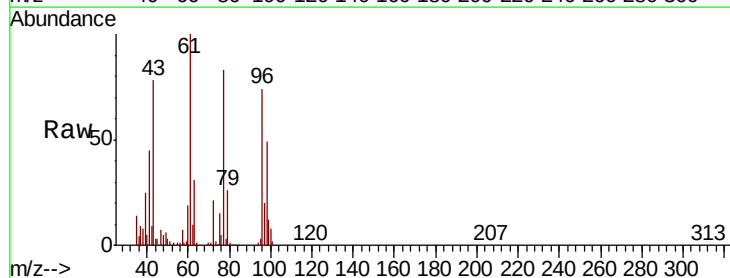
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

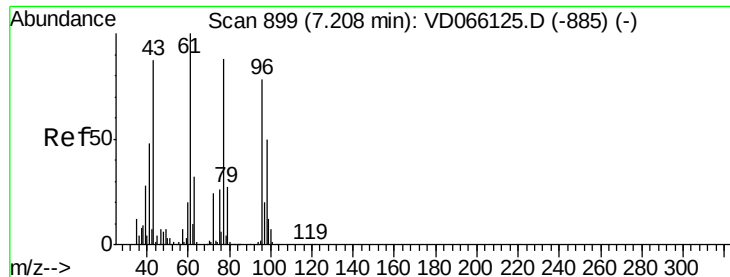
Tot Ion: 43 Resp: 179215
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2



#26
2,2-Dichloropropane
Concen: 48.907 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 77 Resp: 202107
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3



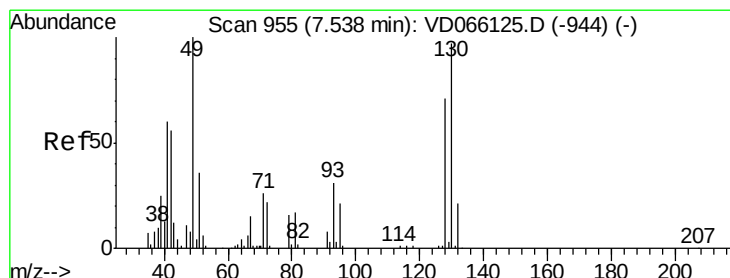
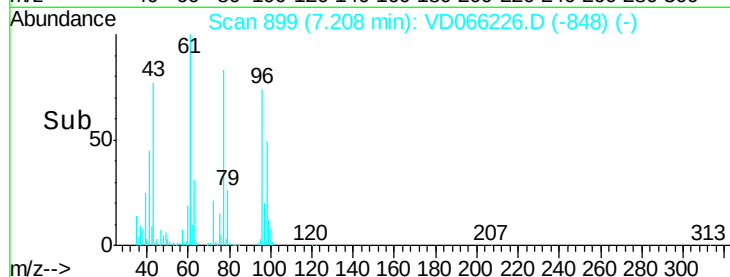
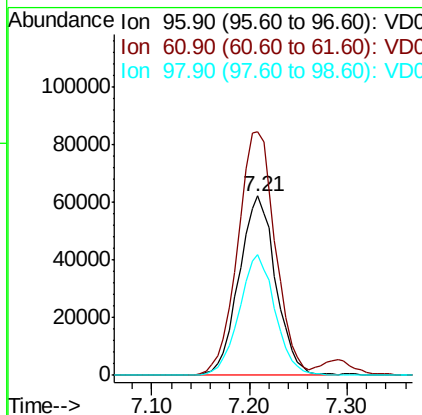
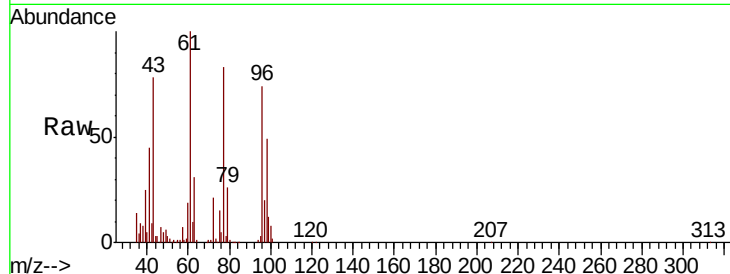


#27

cis-1,2-Dichloroethene
 Concen: 54.782 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

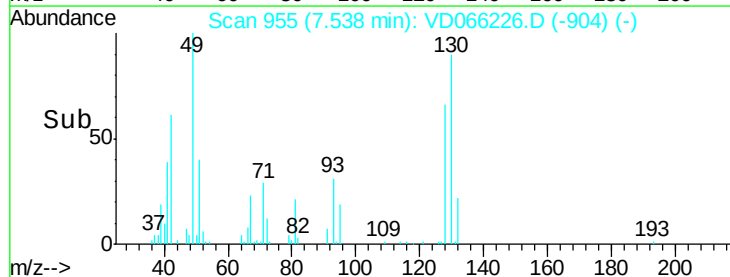
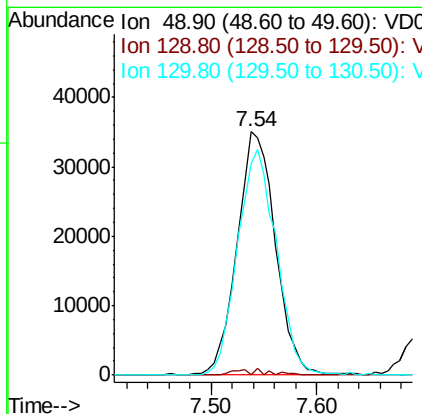
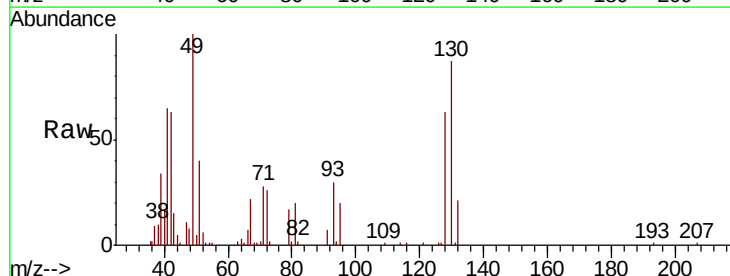
Tot Ion: 96 Resp: 164151
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 281.6
 98 65.7 0.0 130.8

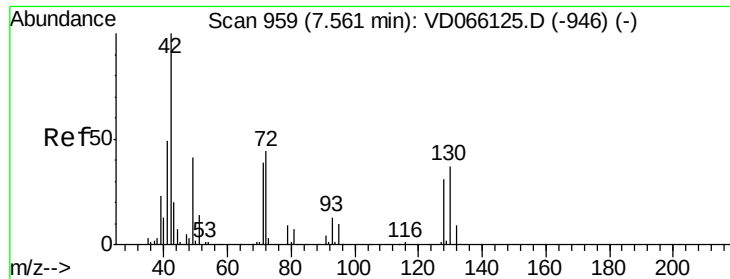


#28

Bromochloromethane
 Concen: 54.478 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 49 Resp: 88222
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 93.8 73.8 110.6

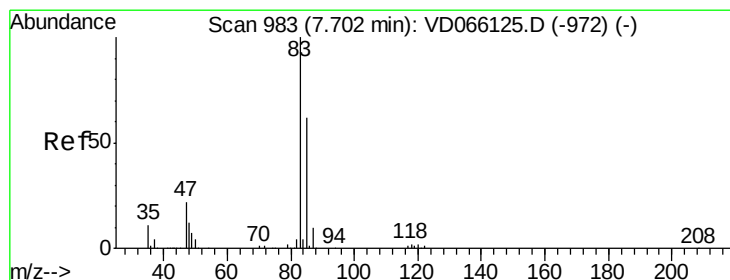
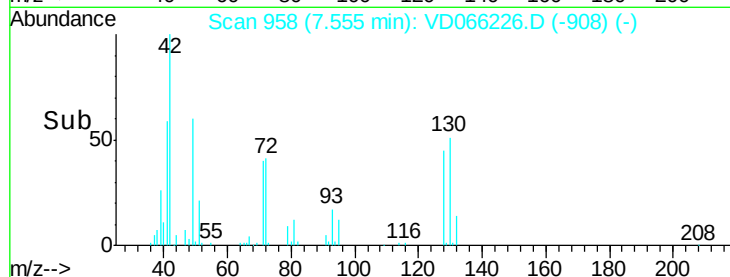
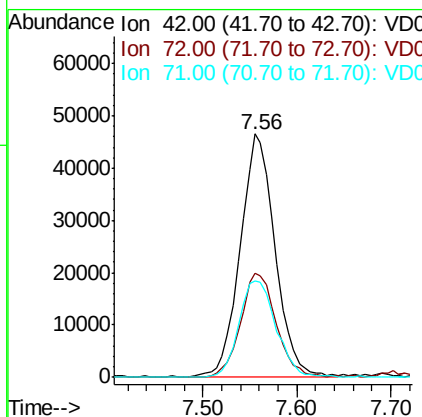
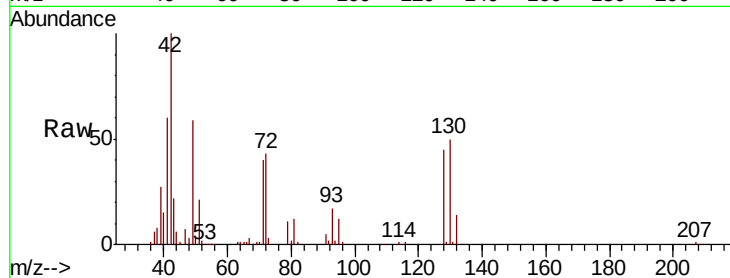




#29
Tetrahydrofuran
Concen: 276.716 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

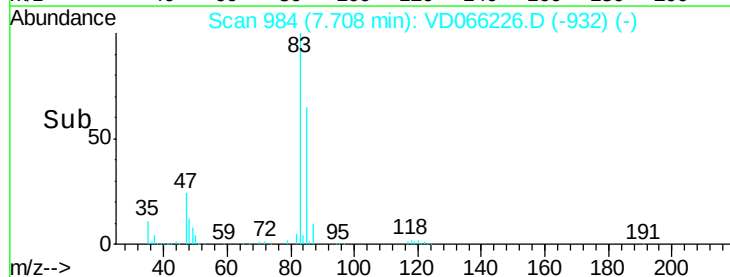
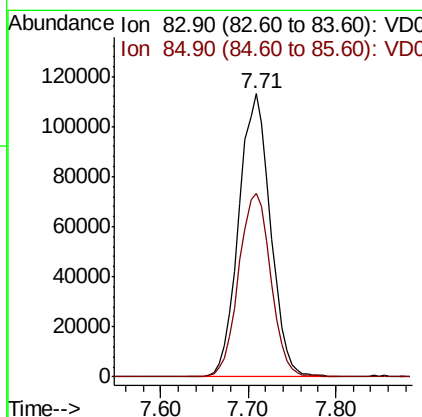
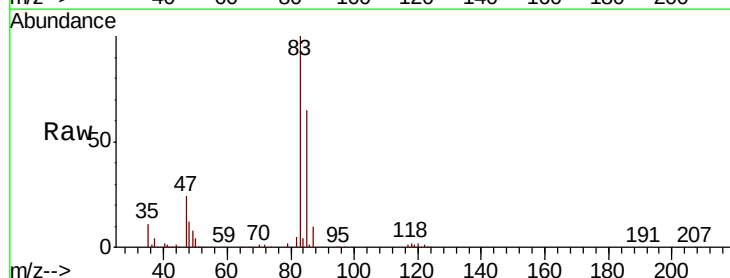
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

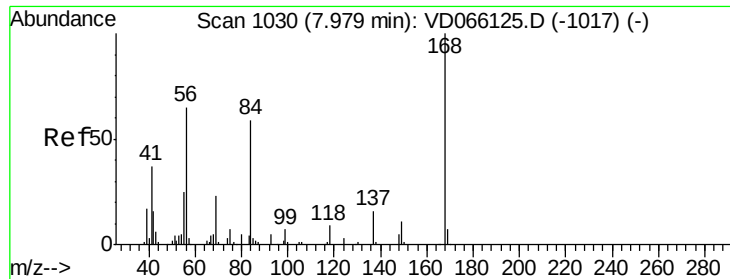
Tot Ion: 42 Resp: 119864
Ion Ratio Lower Upper
42 100
72 43.5 34.8 52.2
71 42.0 33.5 50.3



#30
Chloroform
Concen: 57.197 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 83 Resp: 276916
Ion Ratio Lower Upper
83 100
85 64.8 49.5 74.3

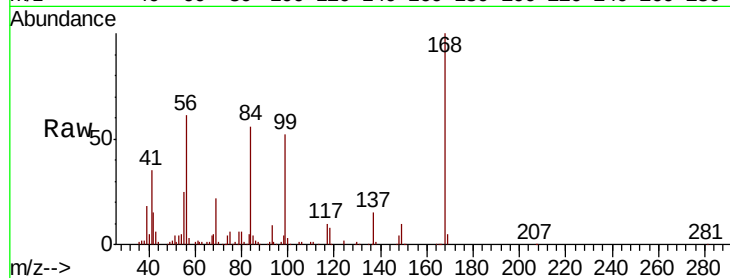




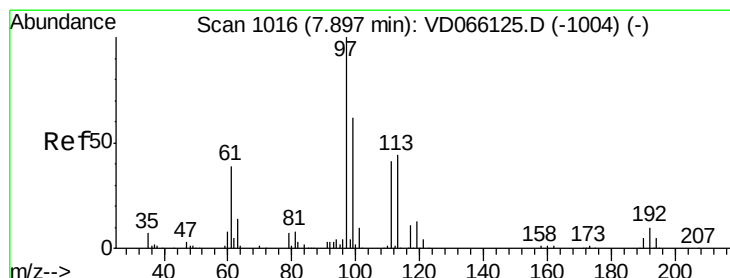
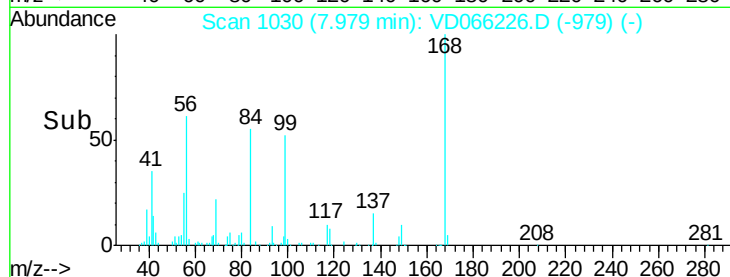
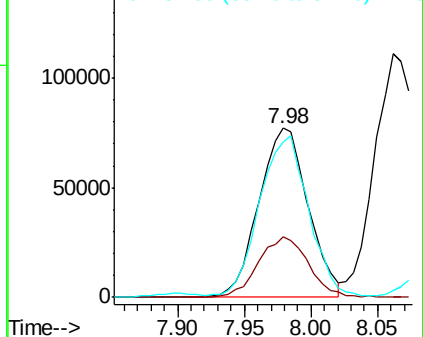
#31
Cyclohexane
Concen: 45.039 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 197678
Ion Ratio Lower Upper
56 100
69 35.5 28.8 43.2
84 89.8 73.0 109.6

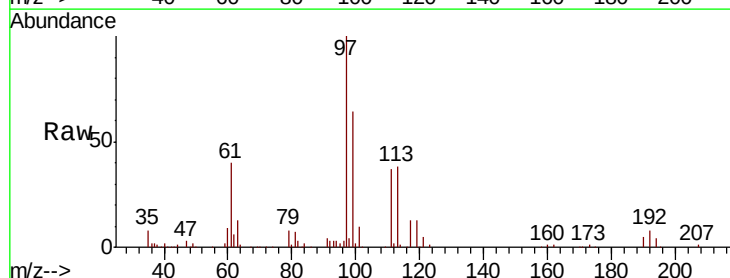


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

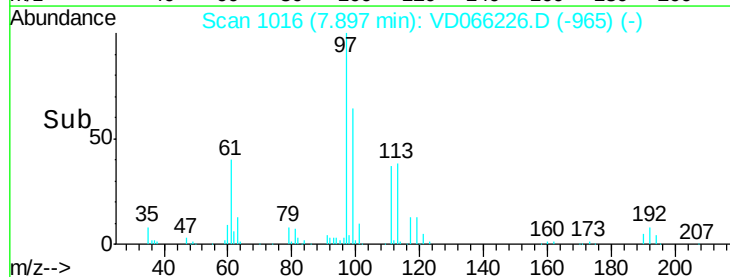
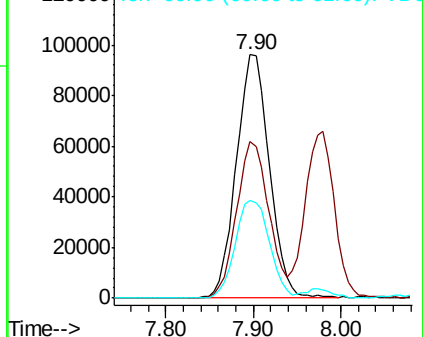


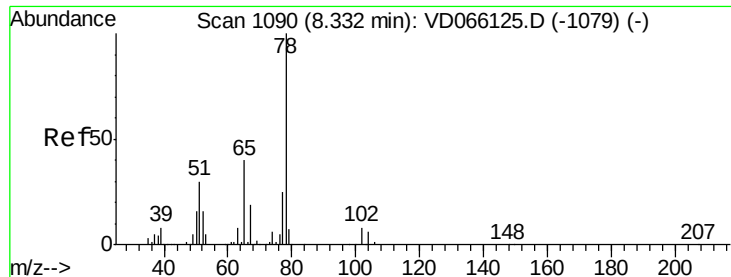
#32
1,1,1-Trichloroethane
Concen: 54.303 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 97 Resp: 246500
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 41.6 32.7 49.1



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

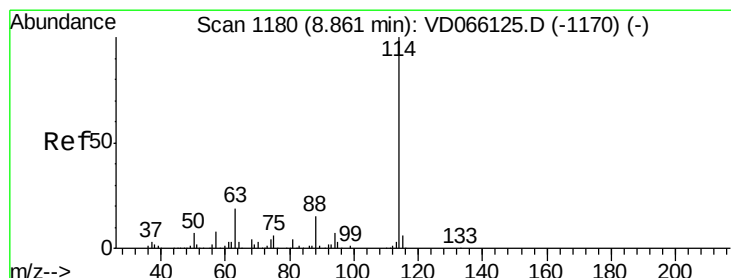
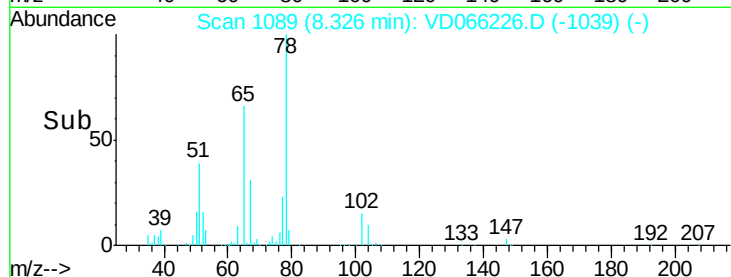
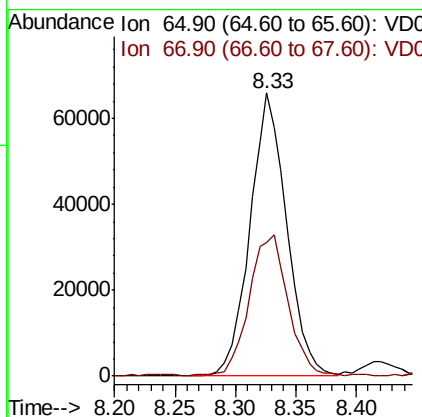
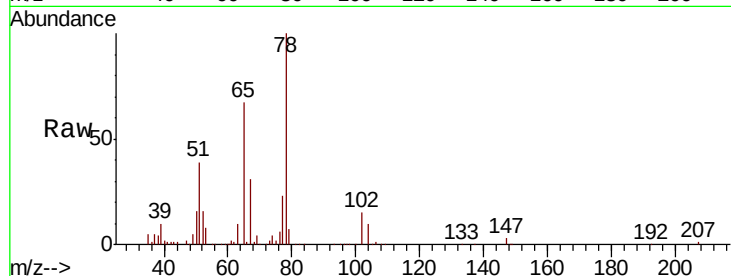




#33
 1,2-Dichloroethane-d4
 Concen: 55.544 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

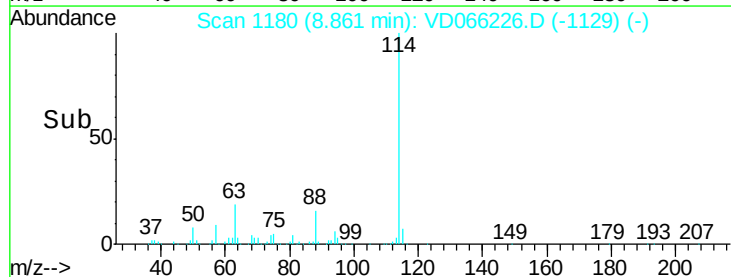
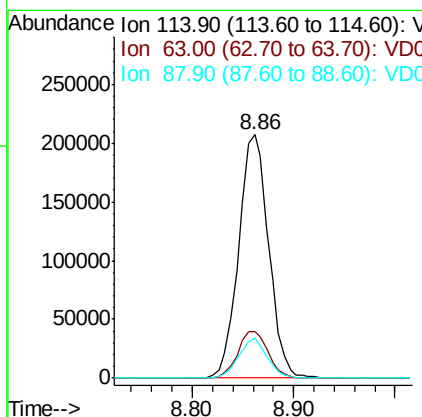
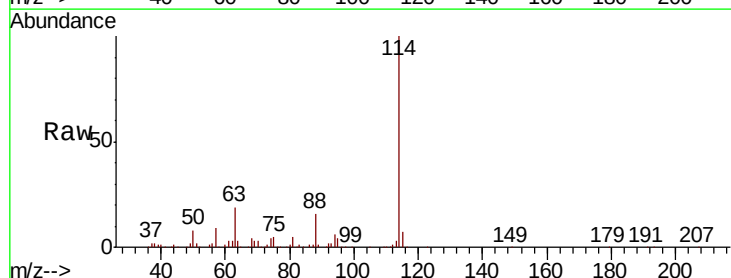
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

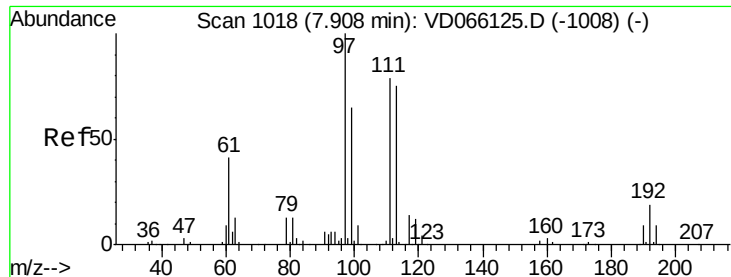
Tot Ion: 65 Resp: 139149
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 114 Resp: 424049
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 16.5 0.0 30.0

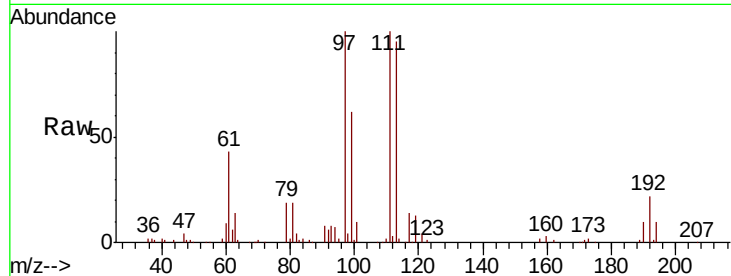




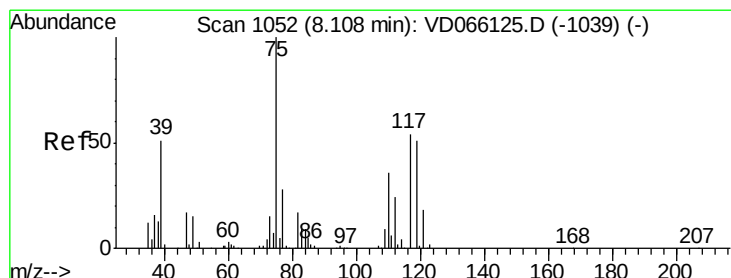
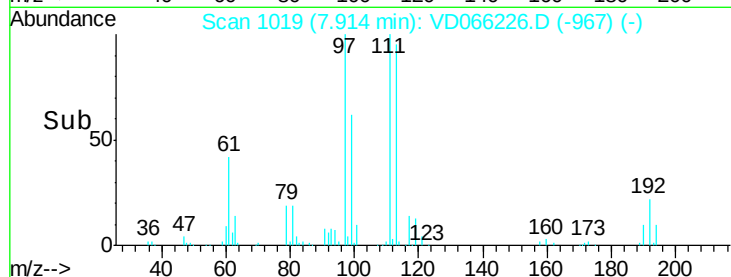
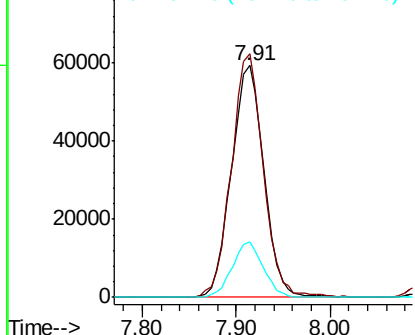
#35
 Dibromofluoromethane
 Concen: 52.871 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 142028
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 22.9 18.4 27.6

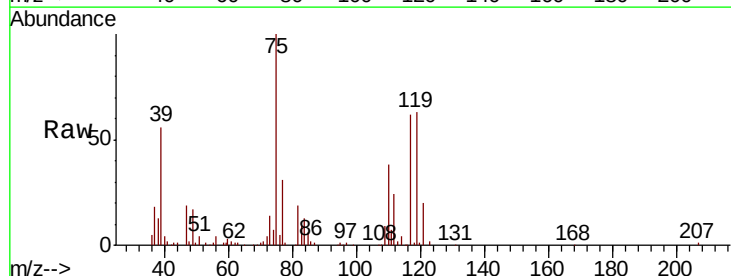


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

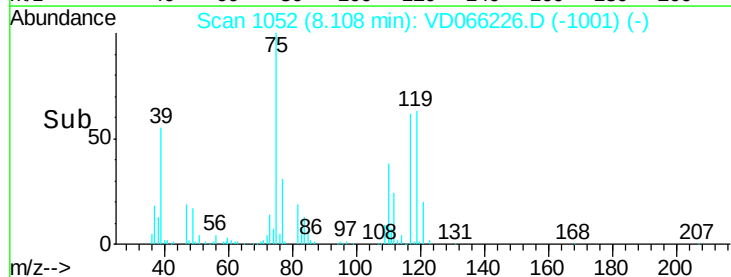
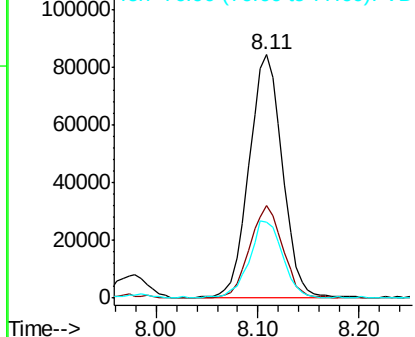


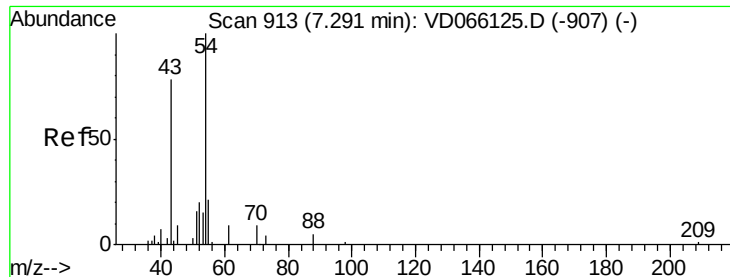
#36
 1,1-Dichloropropene
 Concen: 48.159 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 75 Resp: 191903
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.8 56.3
 77 32.4 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

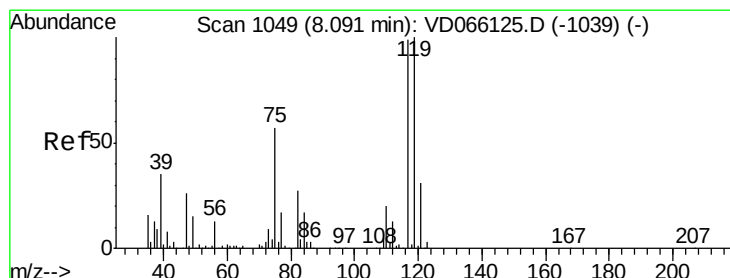
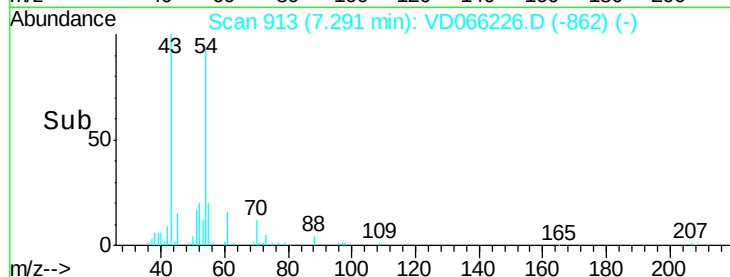
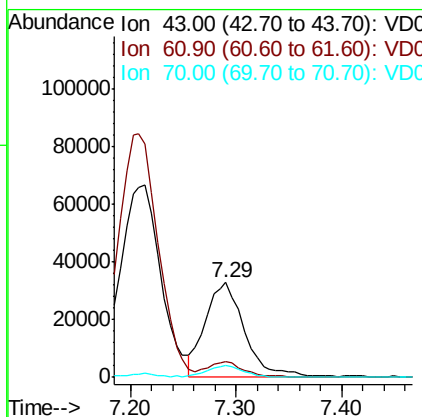
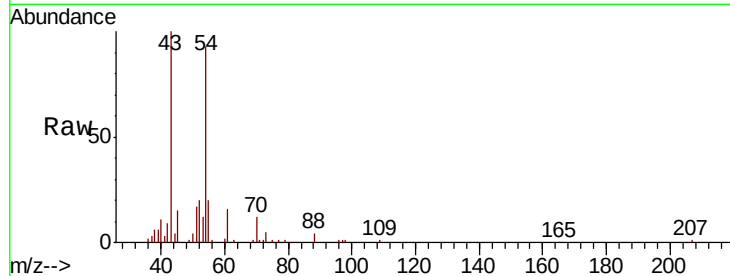




#37
Ethyl Acetate
Concen: 53.280 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

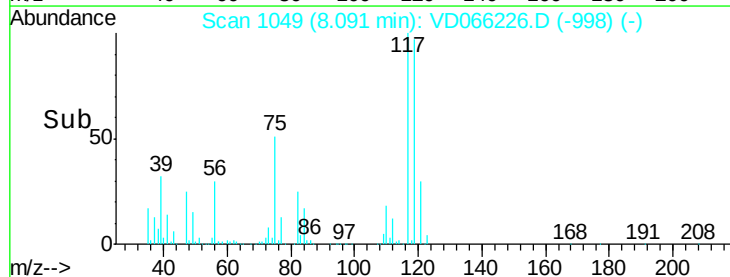
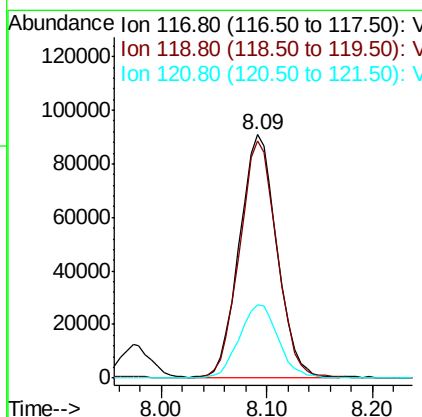
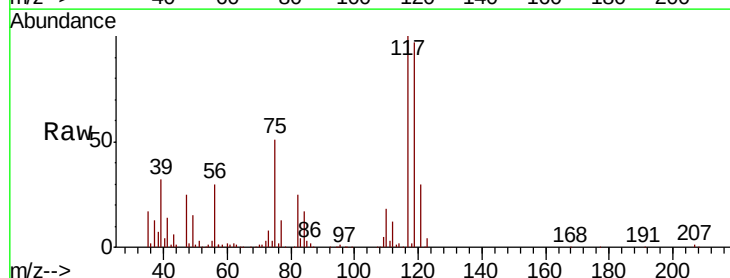
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

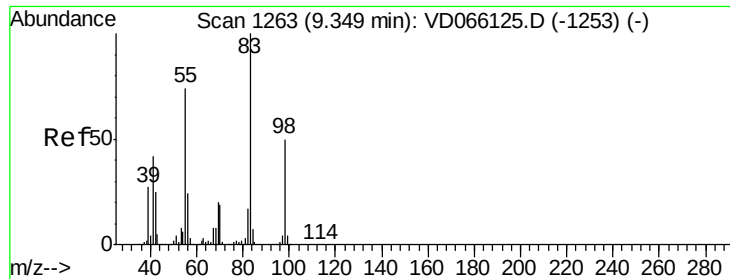
Tot Ion: 43 Resp: 84120
Ion Ratio Lower Upper
43 100
61 15.6 12.0 18.0
70 12.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.154 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 117 Resp: 222868
Ion Ratio Lower Upper
117 100
119 97.6 81.0 121.4
121 30.2 24.8 37.2

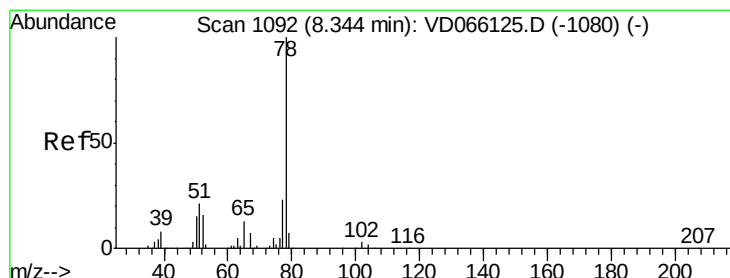
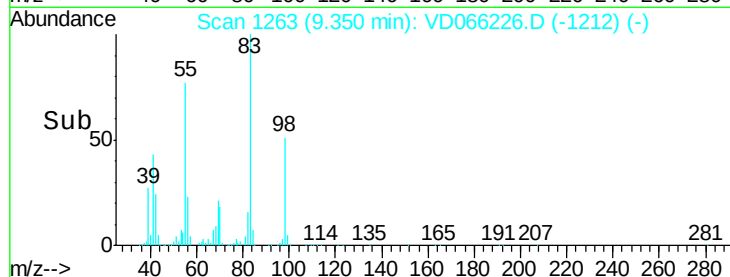
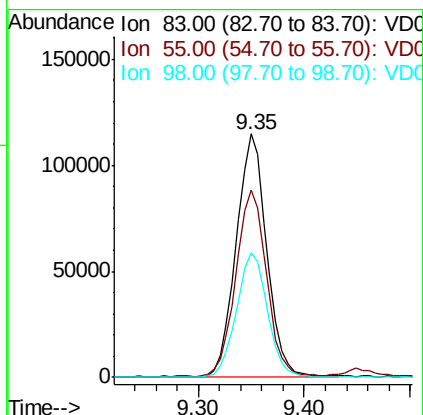
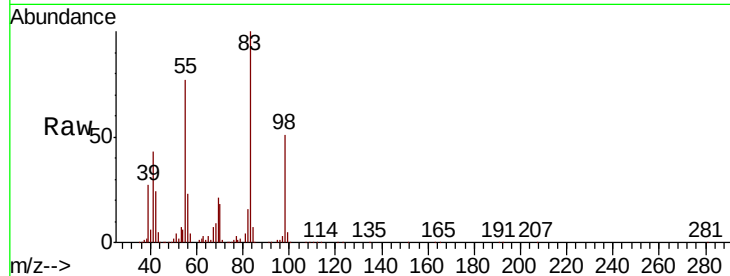




#39
Methylvlcyclohexane
Concen: 47.565 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

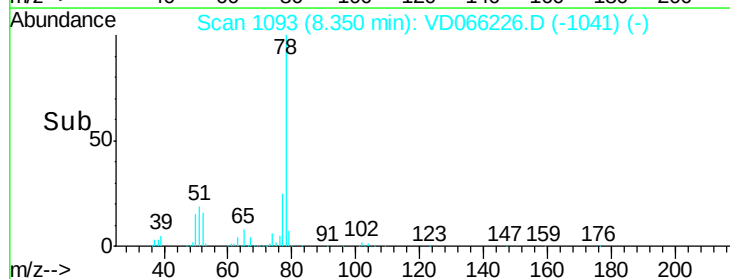
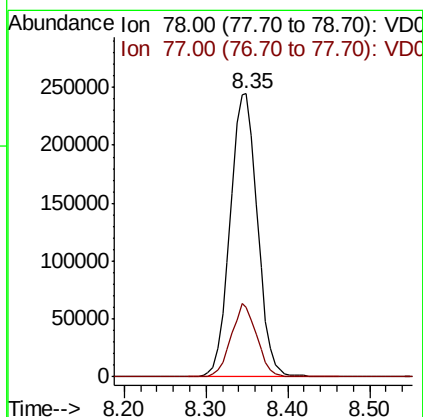
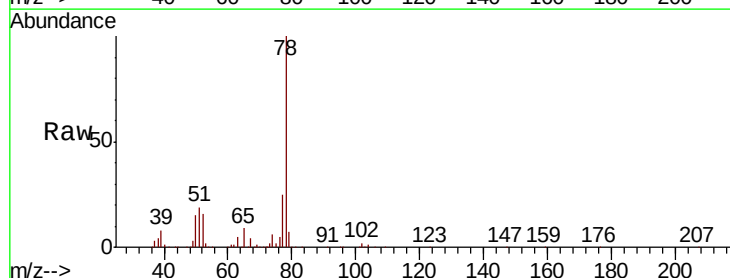
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

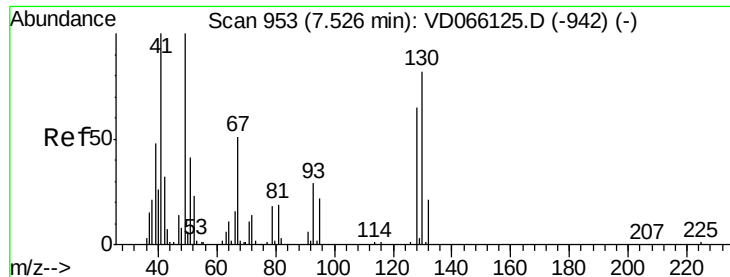
Tot Ion: 83 Resp: 229118
Ion Ratio Lower Upper
83 100
55 76.5 59.2 88.8
98 51.5 39.8 59.6



#40
Benzene
Concen: 51.392 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 78 Resp: 568092
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8

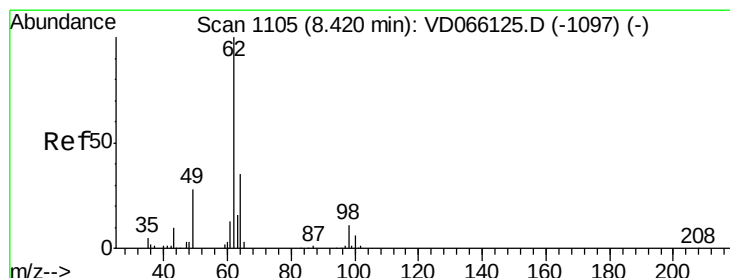
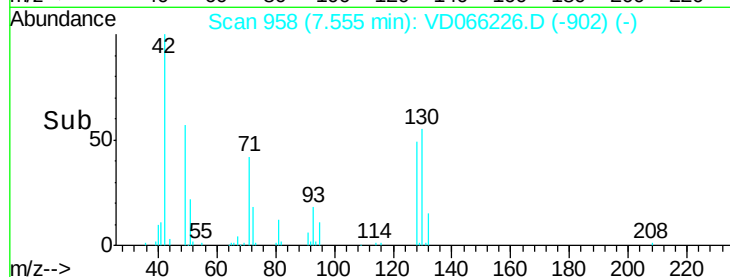
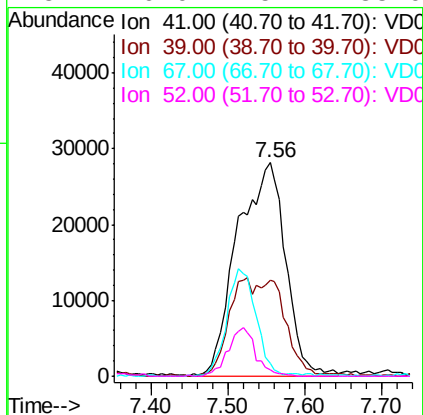
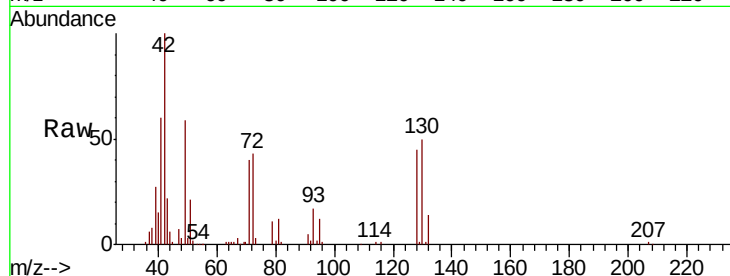




#41
Methacrylonitrile
Concen: 132.290 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

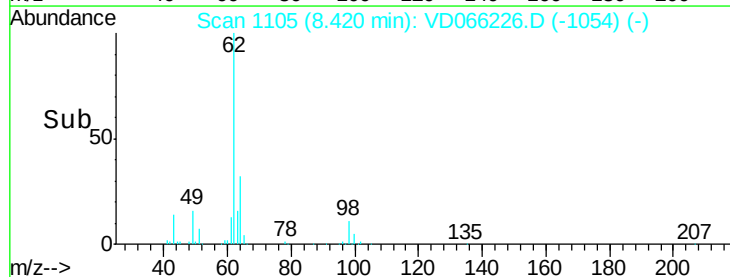
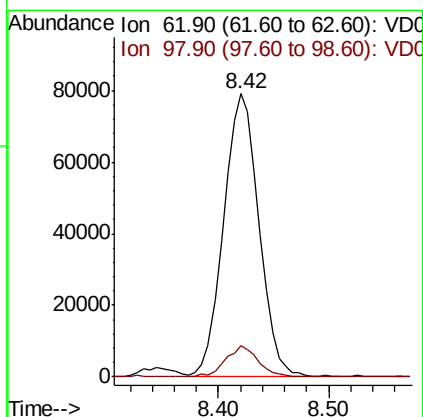
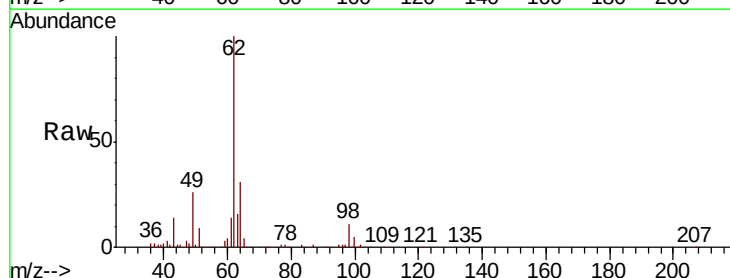
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

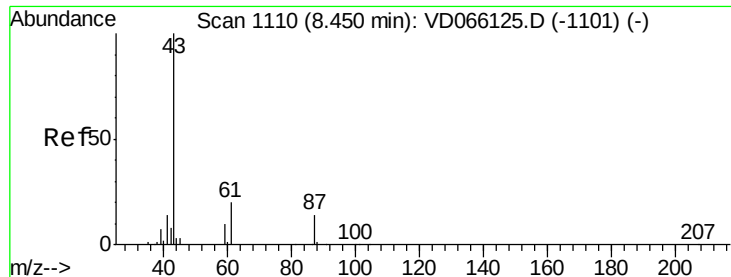
Tot Ion: 41 Resp: 122805
Ion Ratio Lower Upper
41 100
39 0.0 47.5 71.3#
67 0.0 59.1 88.7#
52 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 54.492 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 62 Resp: 176955
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 53.908 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

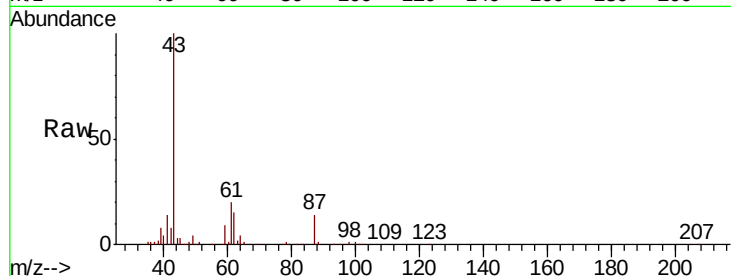
Tot Ion: 43 Resp: 167695

Ion Ratio Lower Upper

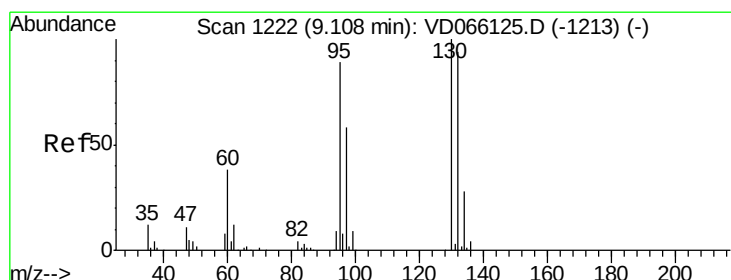
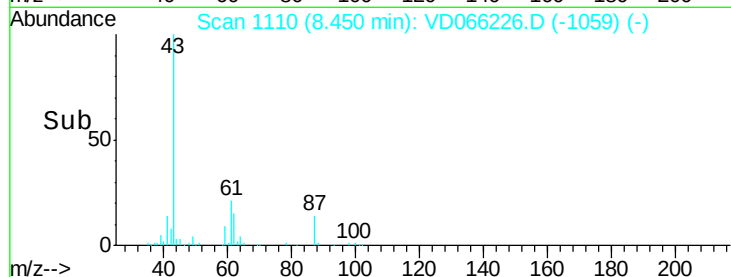
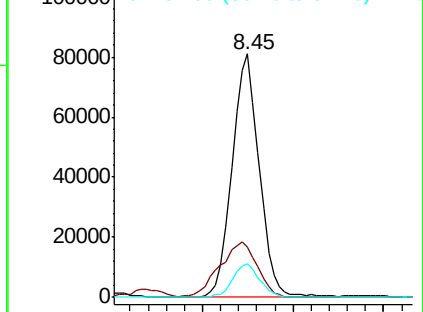
43 100

61 31.7 25.5 38.3

87 13.8 11.2 16.8



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



#44

Trichloroethene

Concen: 51.531 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066226.D

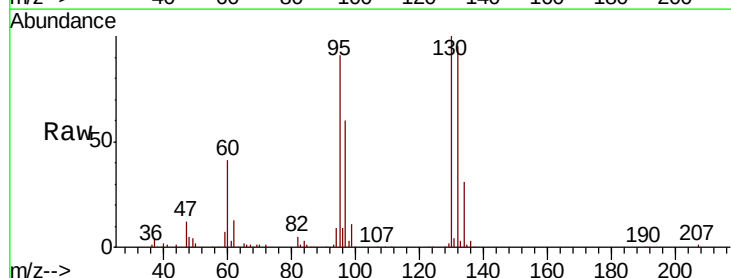
Acq: 13 Aug 2020 22:31

Tgt Ion: 130 Resp: 171649

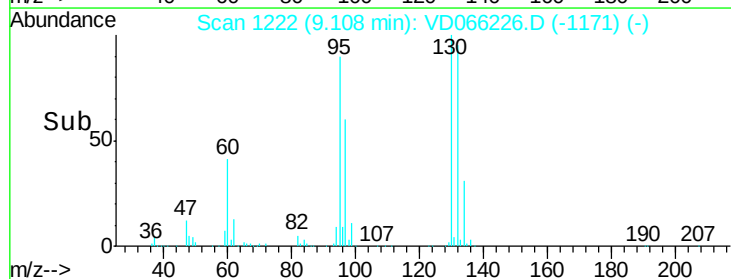
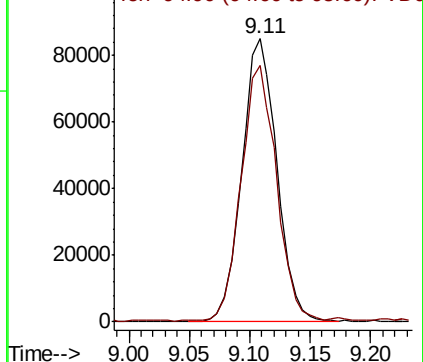
Ion Ratio Lower Upper

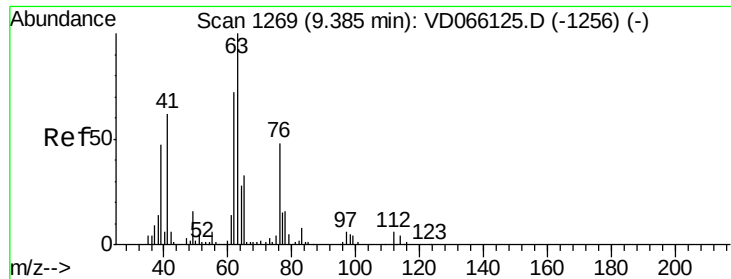
130 100

95 89.8 0.0 178.4



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

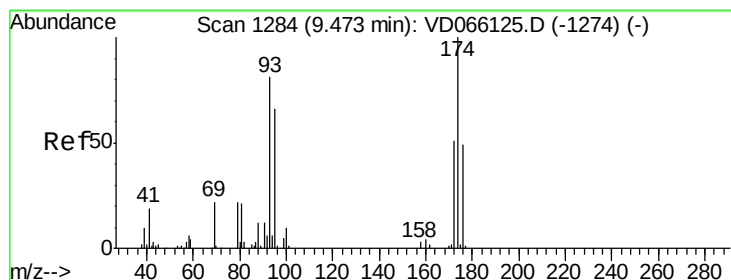
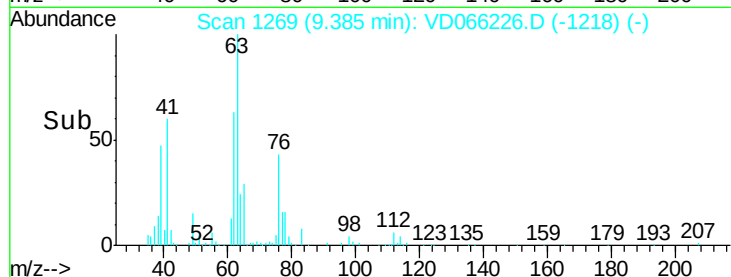
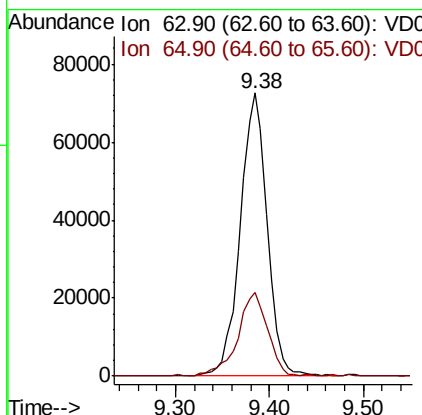
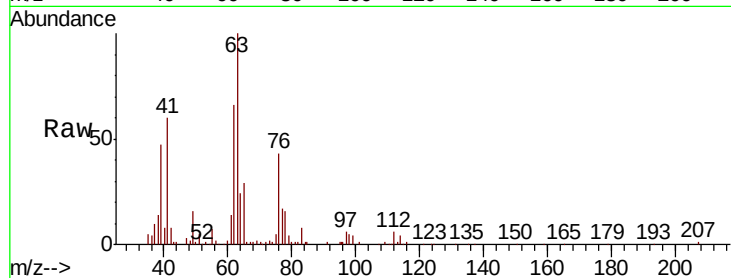




#45
 1,2-Dichloropropane
 Concen: 53.359 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

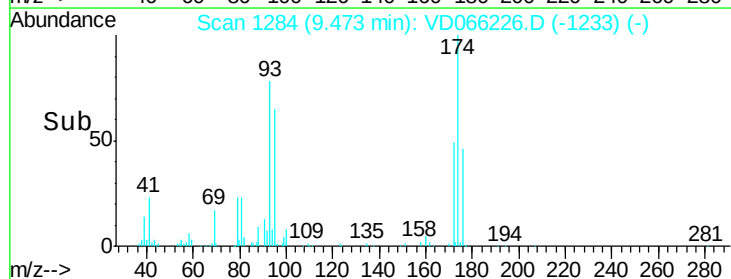
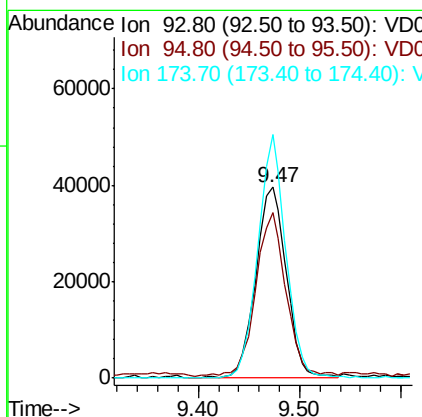
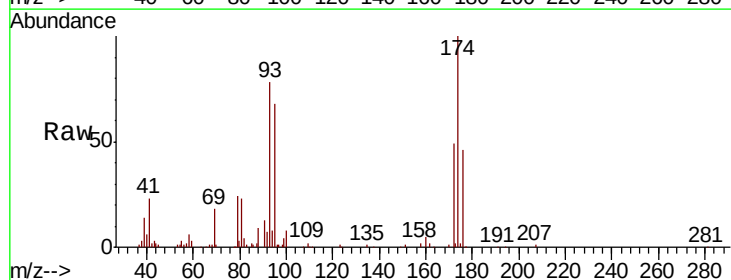
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

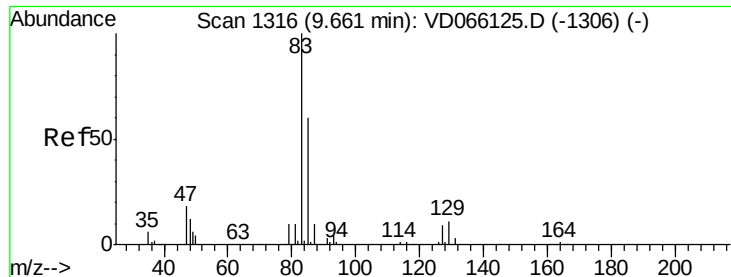
Tot Ion: 63 Resp: 144257
 Ion Ratio Lower Upper
 63 100
 65 29.2 26.5 39.7



#46
 Dibromomethane
 Concen: 55.974 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 93 Resp: 83355
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.8 98.6
 174 115.6 92.8 139.2





#47

Bromodichloromethane

Concen: 54.730 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

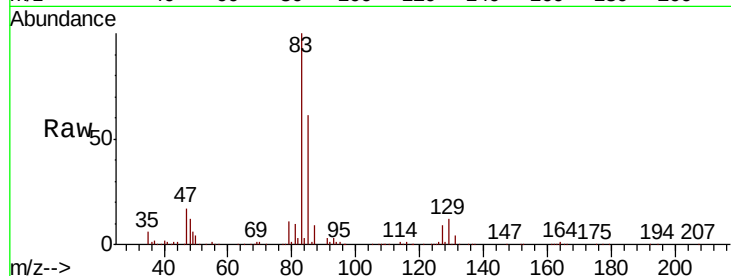
Tot Ion: 83 Resp: 215411

Ion Ratio Lower Upper

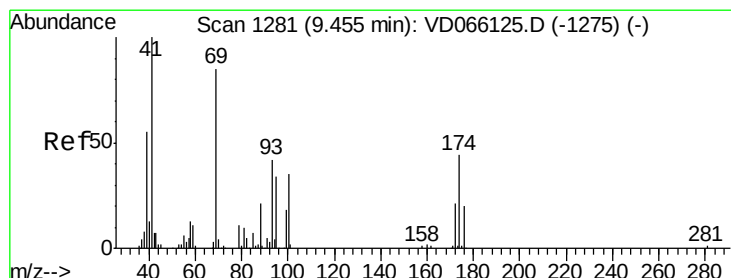
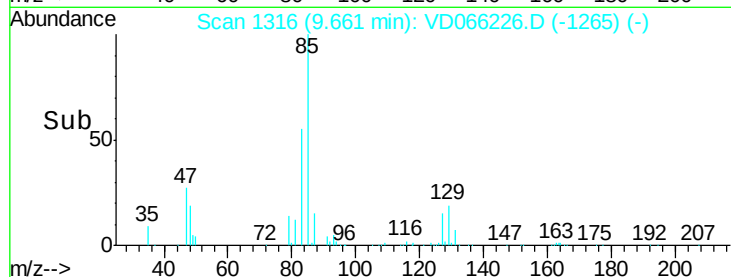
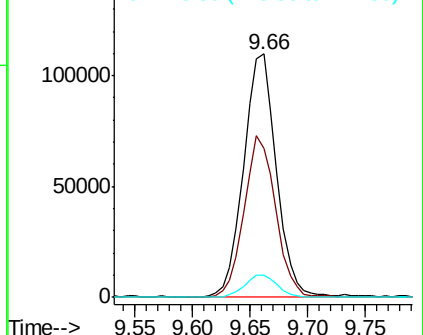
83 100

85 61.3 48.2 72.4

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 50.915 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

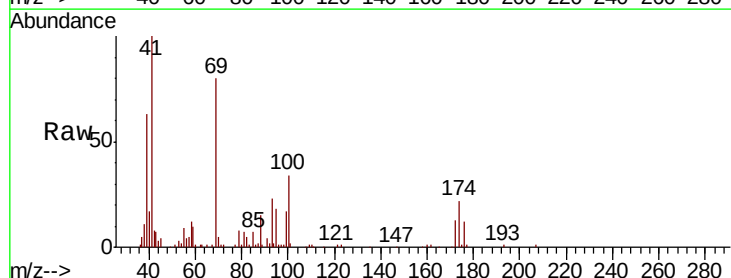
Tgt Ion: 41 Resp: 80874

Ion Ratio Lower Upper

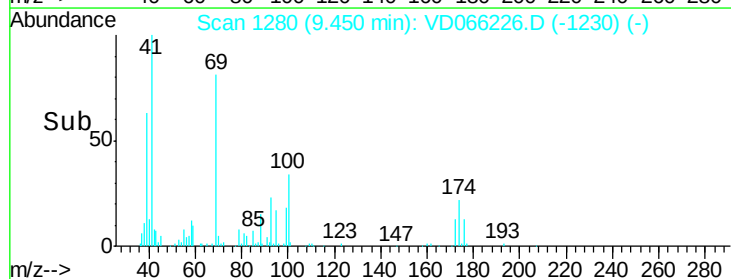
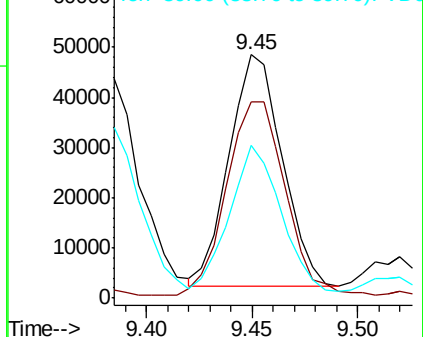
41 100

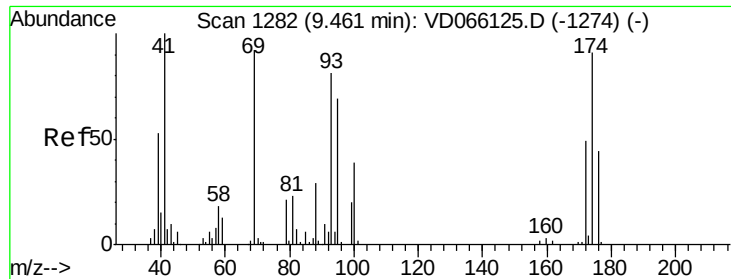
69 92.2 63.9 95.9

39 66.0 42.6 64.0#



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

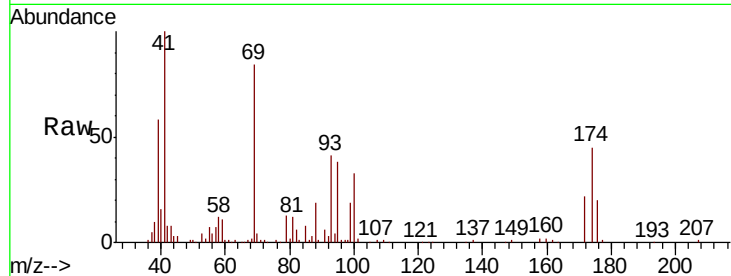




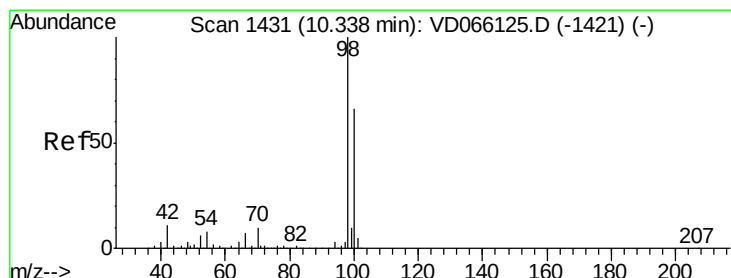
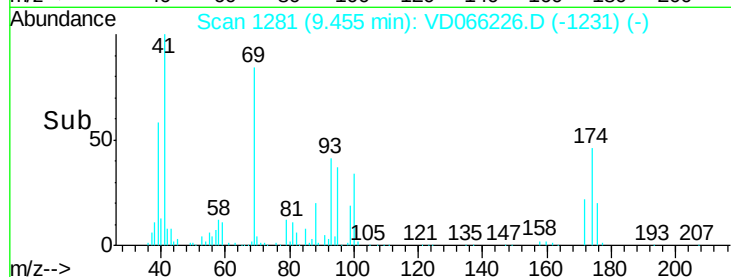
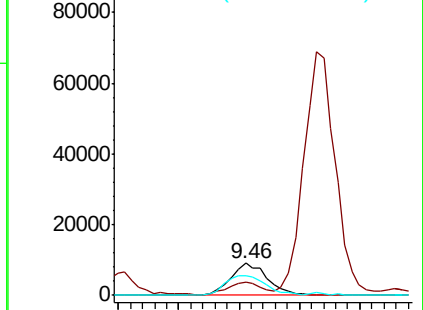
#49
 1,4-Dioxane
 Concen: 1003.336 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 19196
 Ion Ratio Lower Upper
 88 100
 43 37.1 27.5 41.3
 58 69.6 50.2 75.4

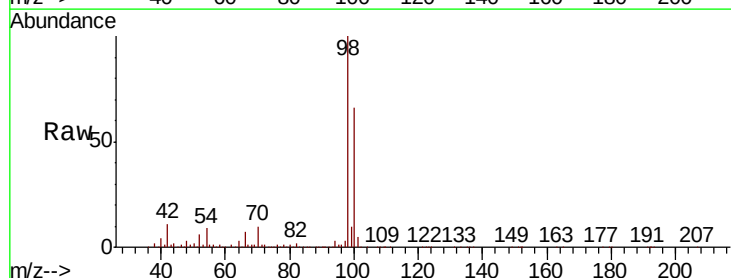


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

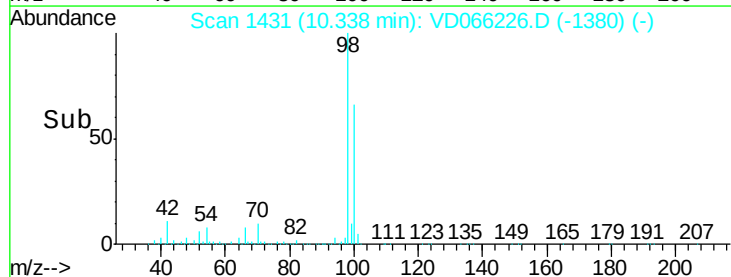
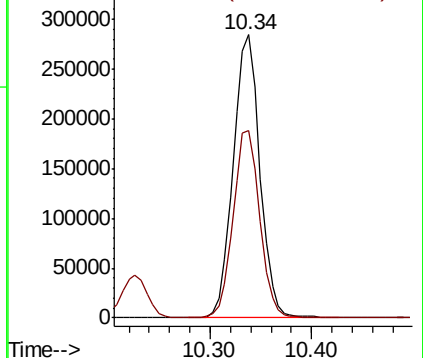


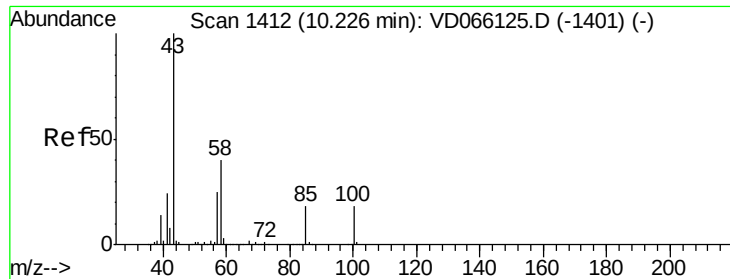
#50
 Toluene-d8
 Concen: 52.334 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 98 Resp: 518793
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

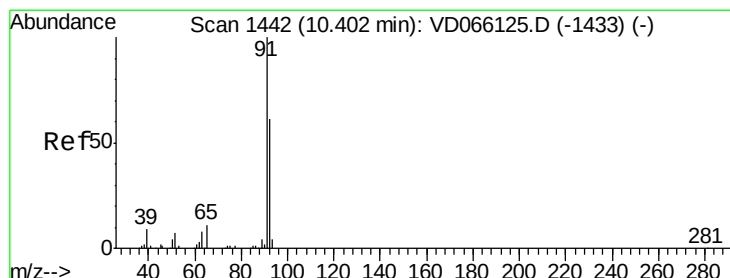
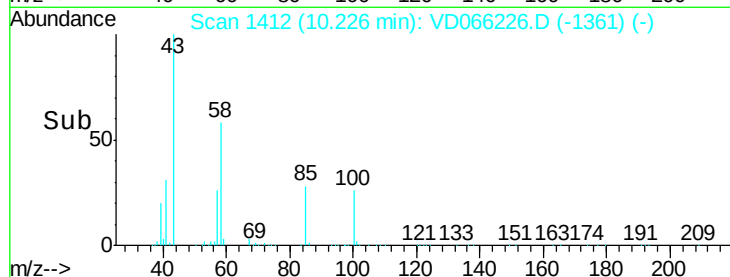
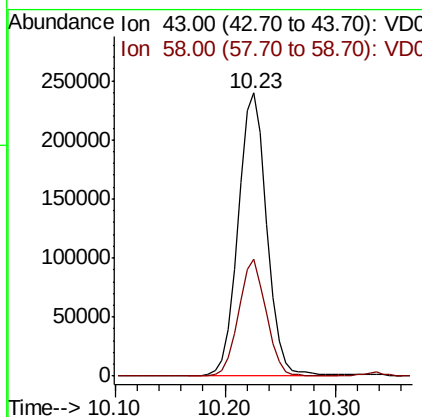
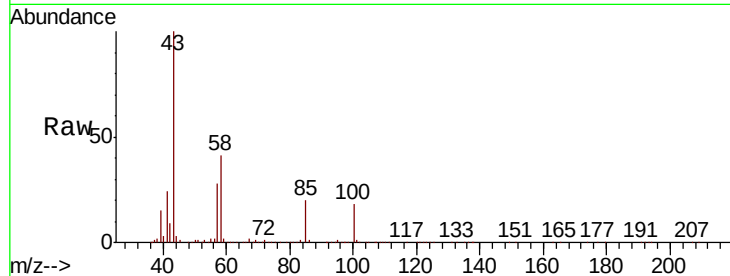




#51
 4-Methyl-2-Pentanone
 Concen: 272.339 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

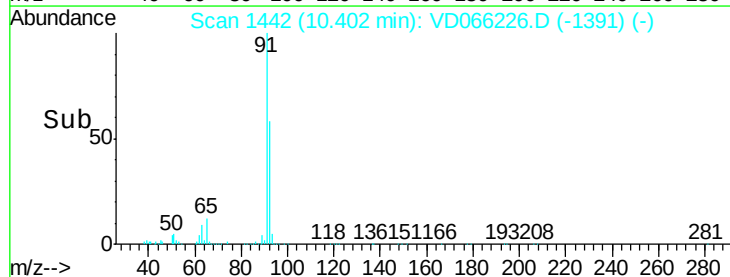
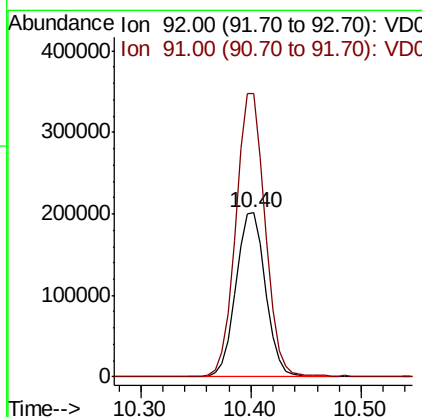
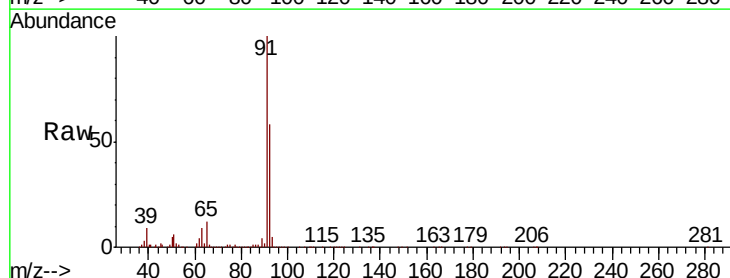
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

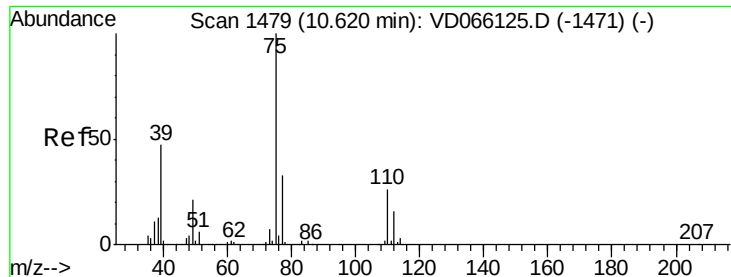
Tot Ion: 43 Resp: 435159
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.1 46.7



#52
 Toluene
 Concen: 52.424 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 92 Resp: 381322
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 54.173 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

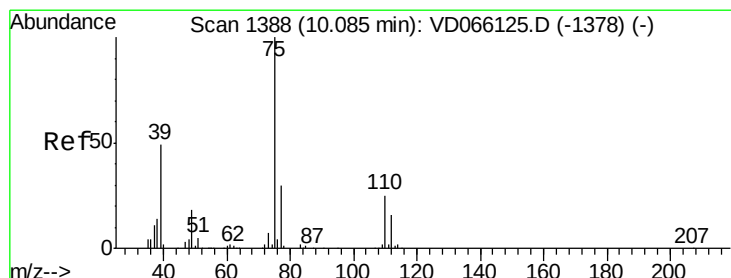
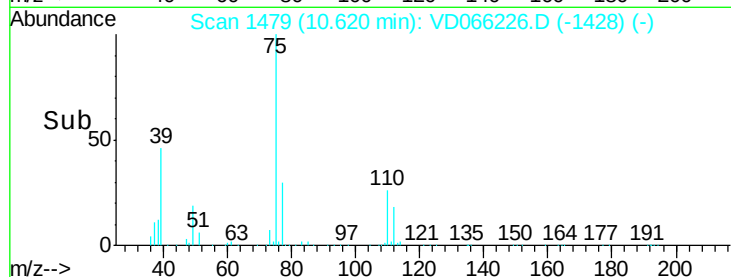
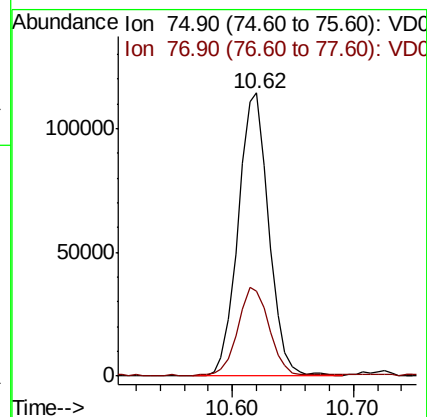
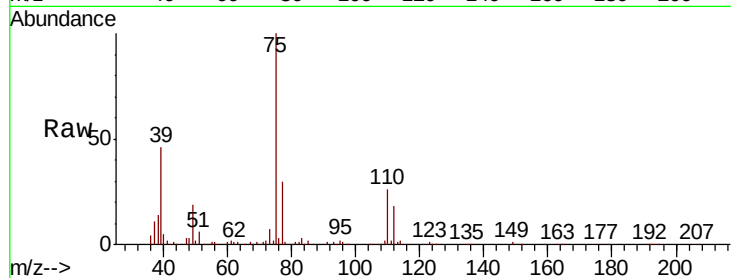
VSTDCCC050EC

Tot Ion: 75 Resp: 202347

Ion Ratio Lower Upper

75 100

77 29.8 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 54.450 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

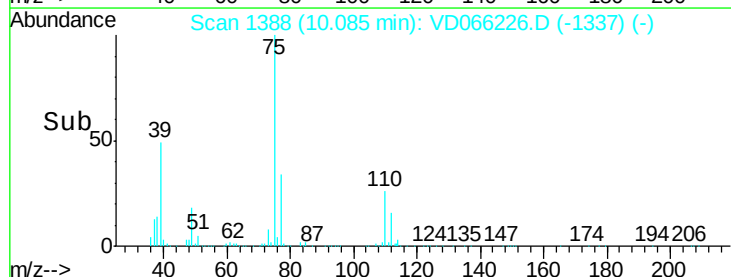
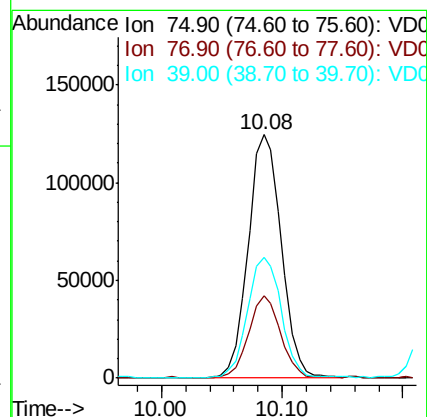
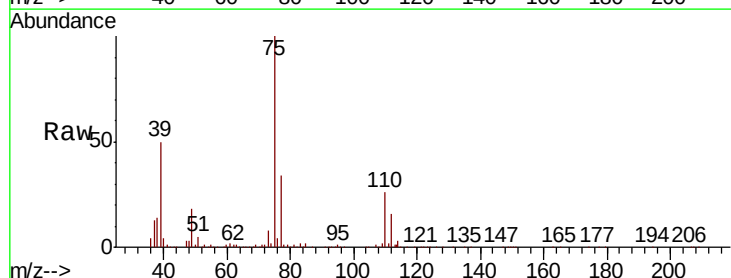
Tgt Ion: 75 Resp: 238286

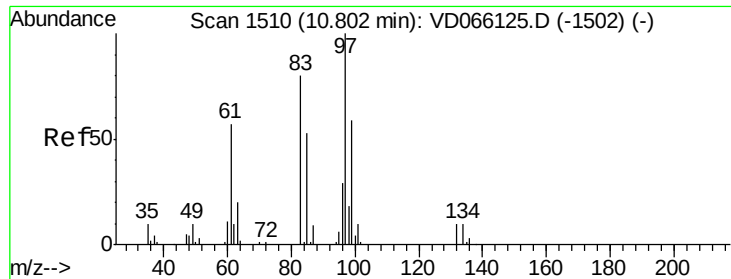
Ion Ratio Lower Upper

75 100

77 33.6 24.3 36.5

39 49.5 39.3 58.9

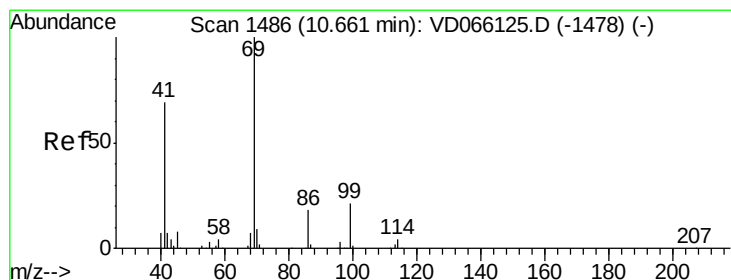
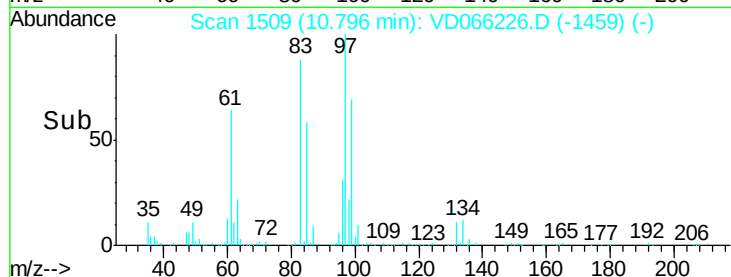
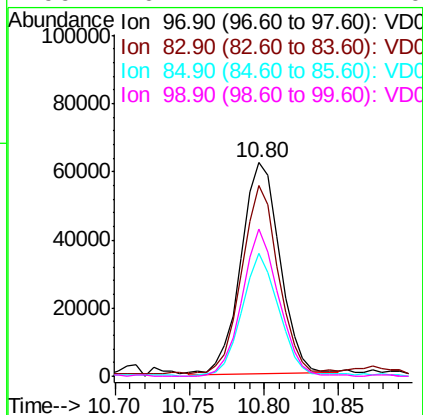
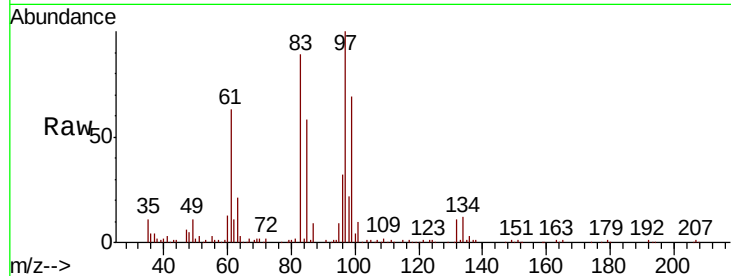




#55
 1,1,2-Trichloroethane
 Concen: 51.975 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

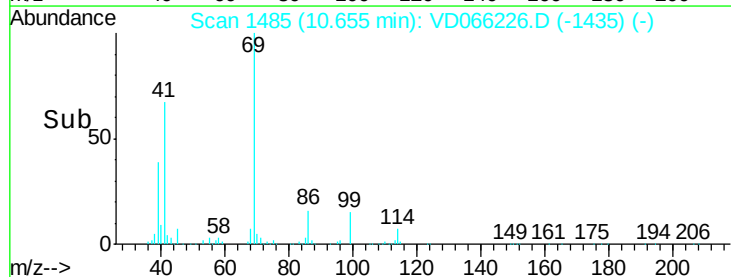
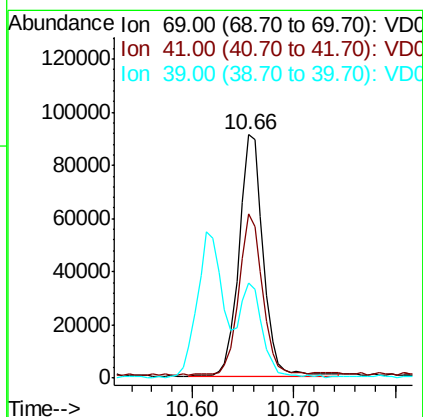
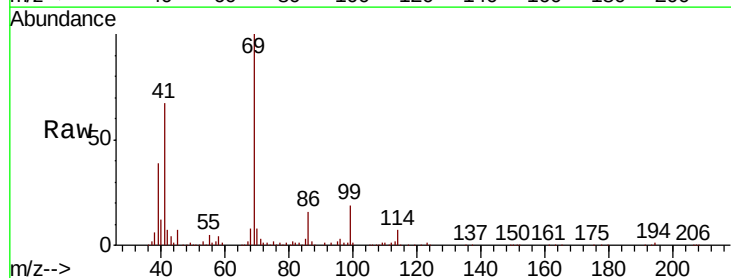
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

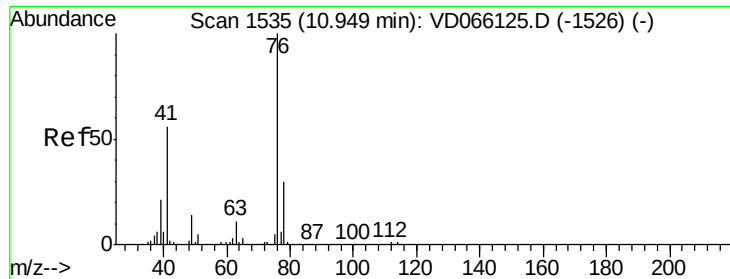
Tot Ion:	97	Resp:	111453
Ion	Ratio	Lower	Upper
97	100		
83	89.6	63.9	95.9
85	58.6	42.5	63.7
99	70.2	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 58.469 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion:	69	Resp:	150615
Ion	Ratio	Lower	Upper
69	100		
41	64.1	54.1	81.1
39	36.4	28.6	43.0

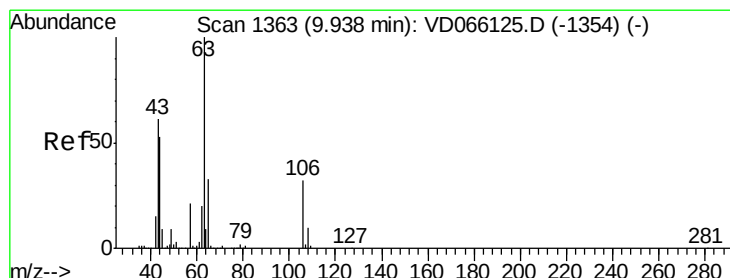
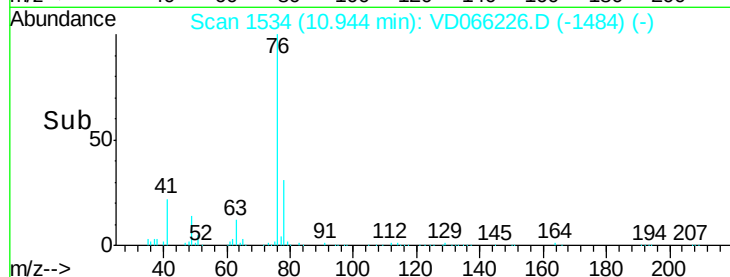
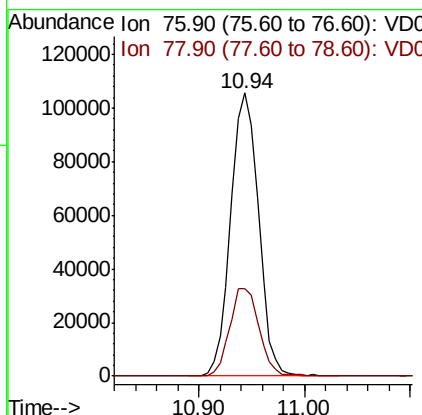
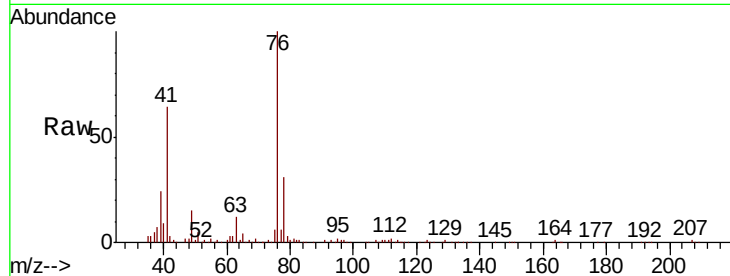




#57
 1,3-Dichloropropane
 Concen: 54.043 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

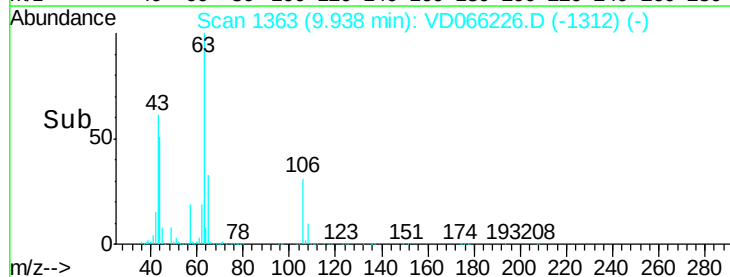
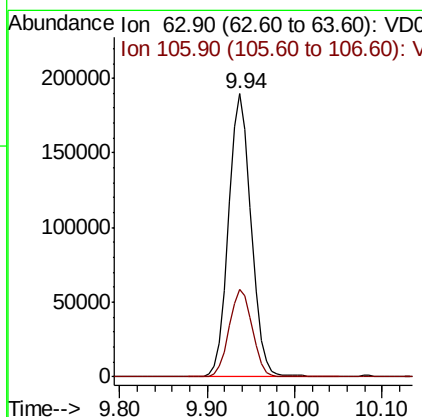
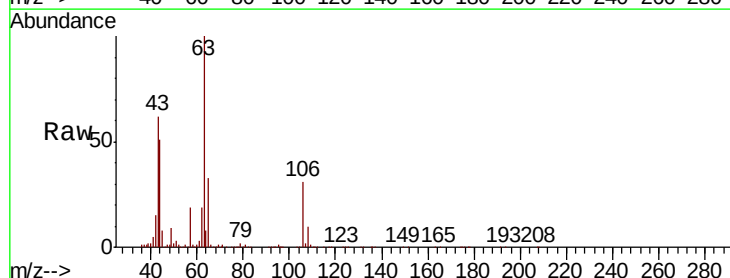
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

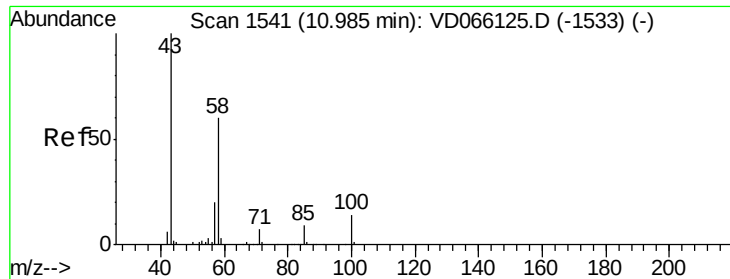
Tot Ion: 76 Resp: 192390
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.236 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 63 Resp: 335140
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.3 37.9

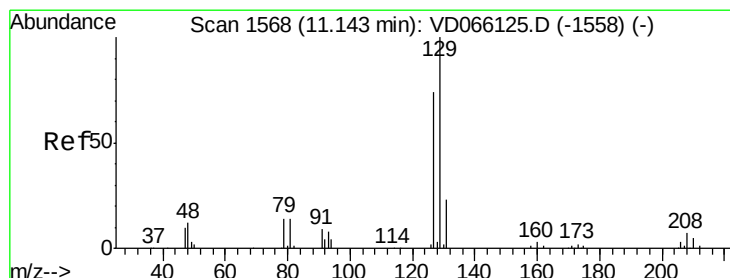
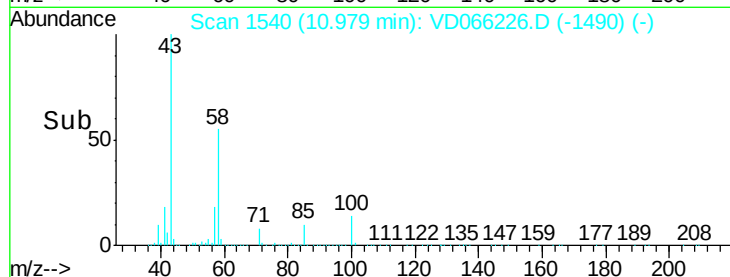
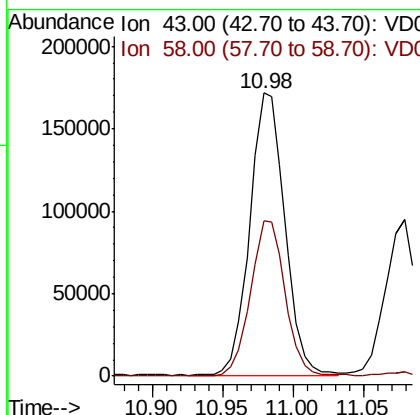
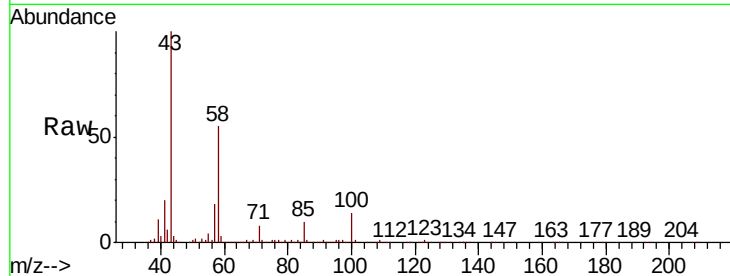




#59
2-Hexanone
Concen: 266.004 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

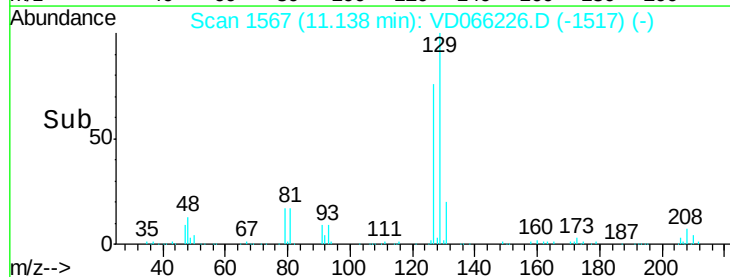
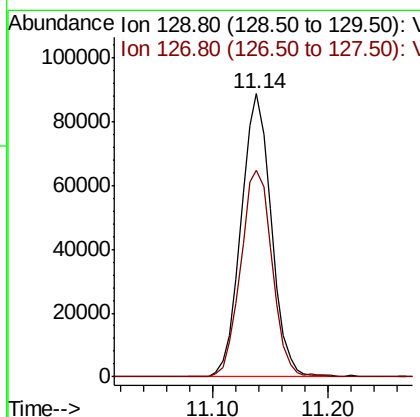
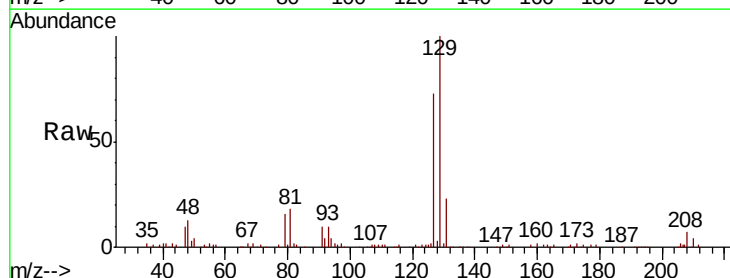
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

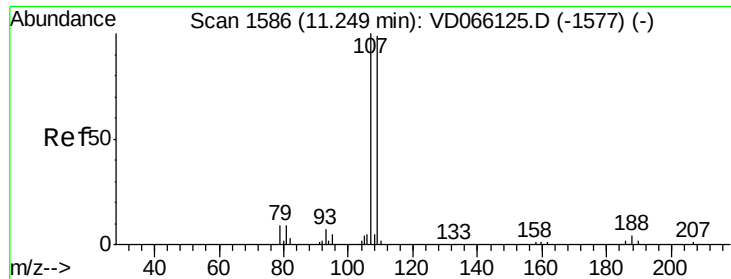
Tot Ion: 43 Resp: 298299
Ion Ratio Lower Upper
43 100
58 54.6 27.8 83.4



#60
Dibromochloromethane
Concen: 54.386 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 129 Resp: 161007
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1

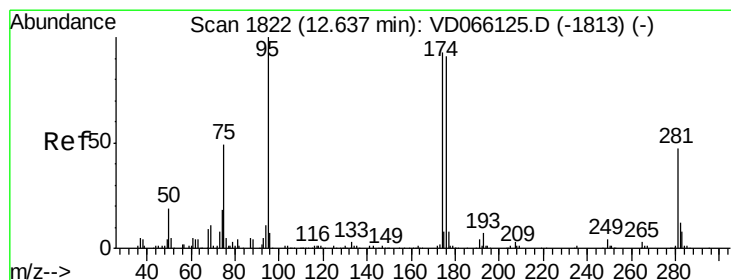
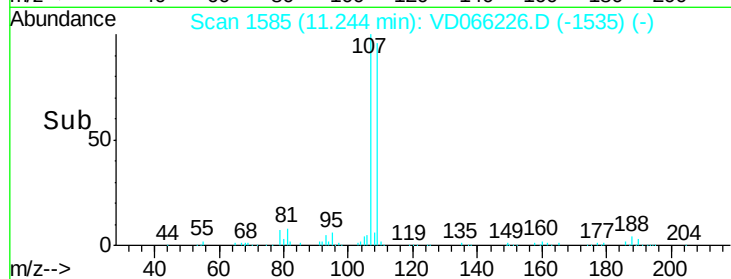
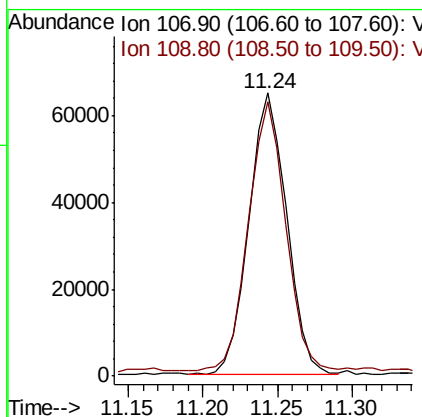
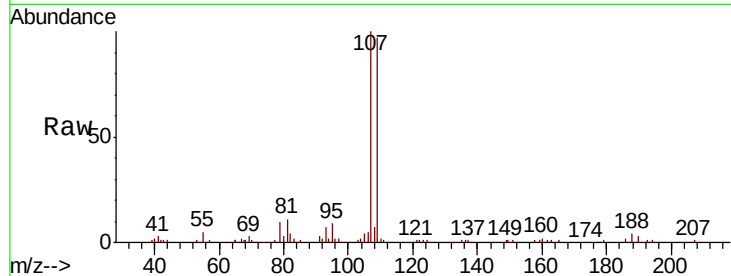




#61
 1,2-Dibromoethane
 Concen: 54.895 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

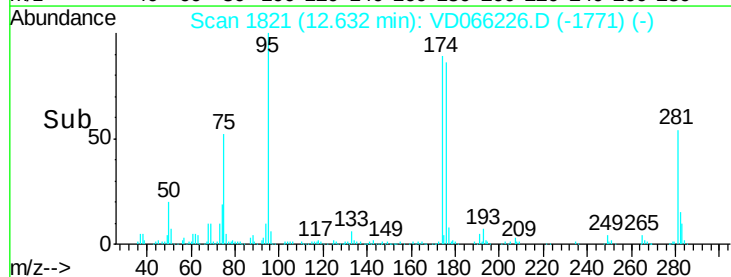
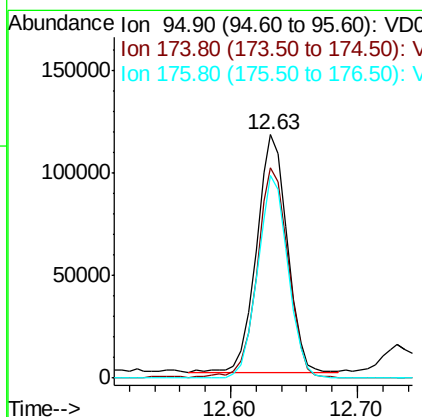
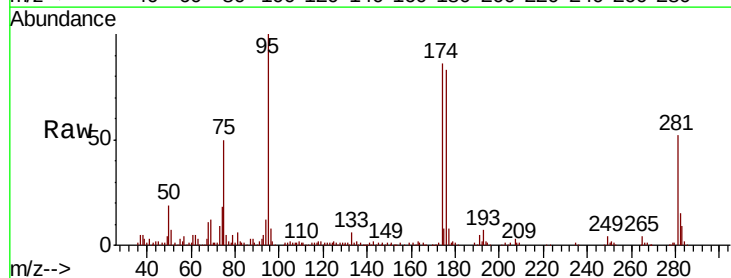
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

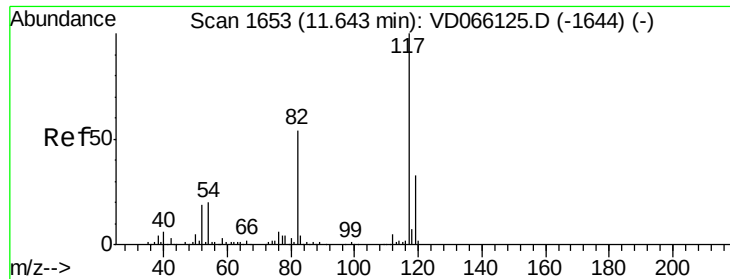
Tot Ion:107 Resp: 113207
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 54.537 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion: 95 Resp: 194878
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 180.8
 176 84.2 0.0 181.2

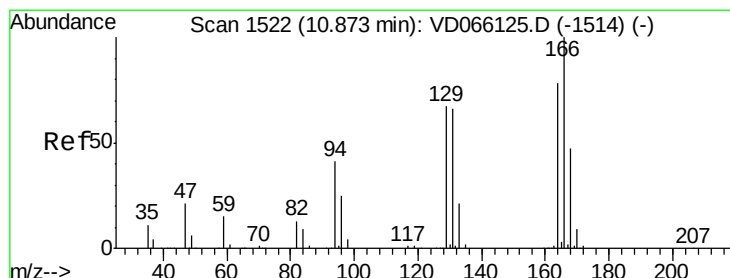
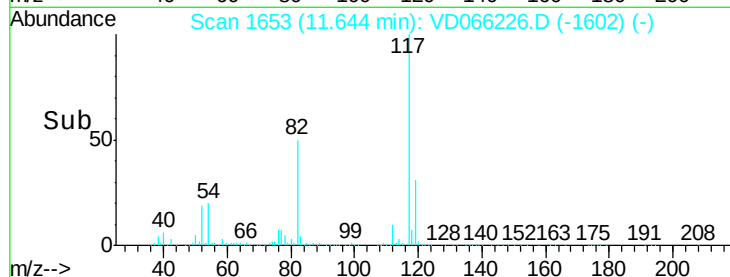
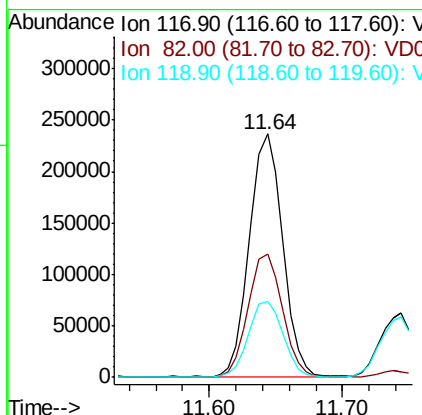
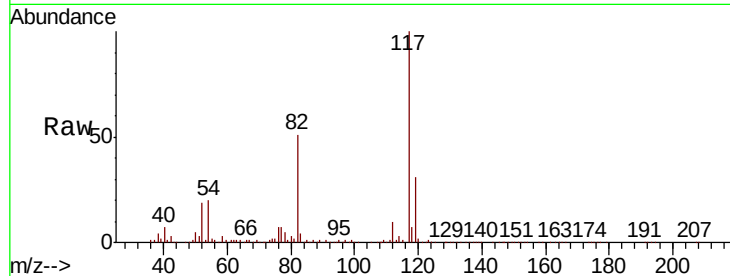




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

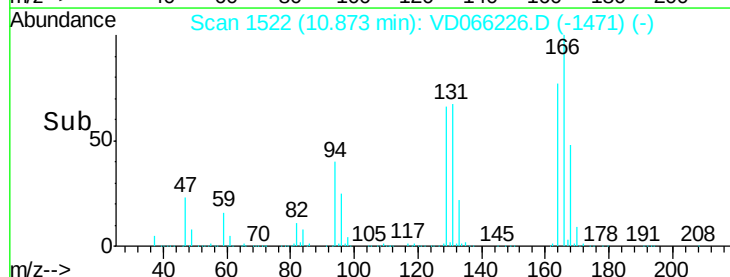
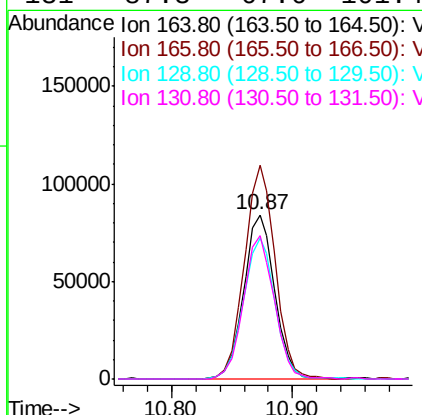
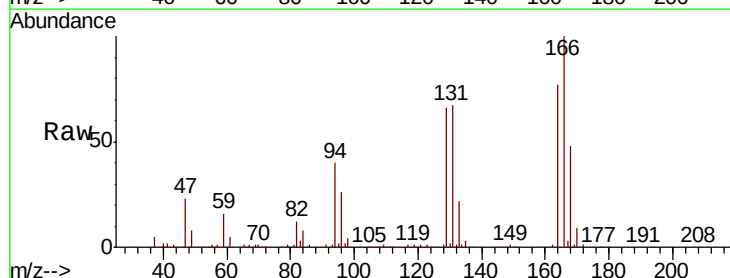
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

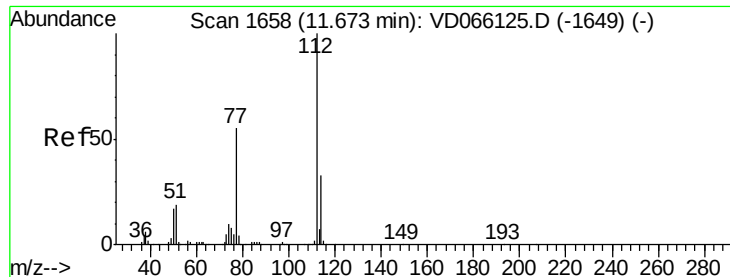
Tot Ion:117 Resp: 409373
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 31.3 26.1 39.1



#64
Tetrachloroethene
Concen: 47.928 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion:164 Resp: 150662
Ion Ratio Lower Upper
164 100
166 129.8 101.9 152.9
129 85.1 68.1 102.1
131 87.3 67.6 101.4

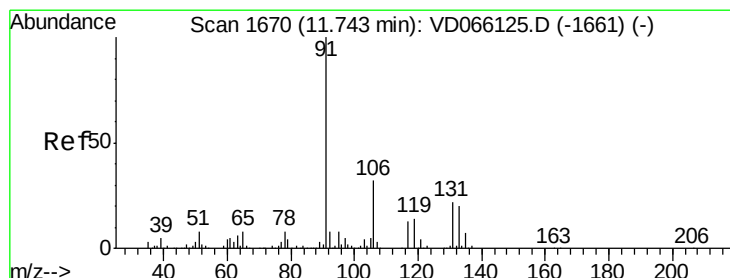
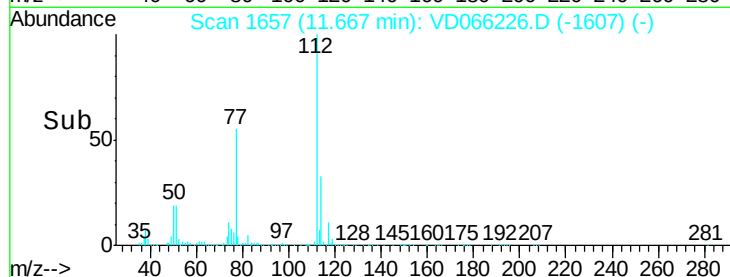
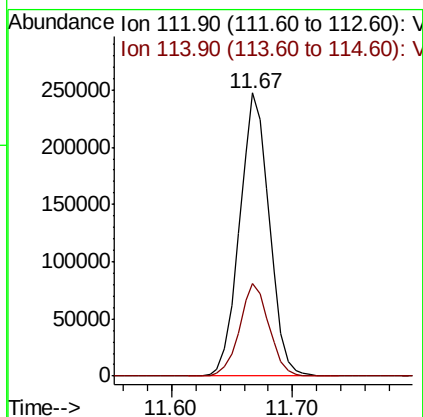
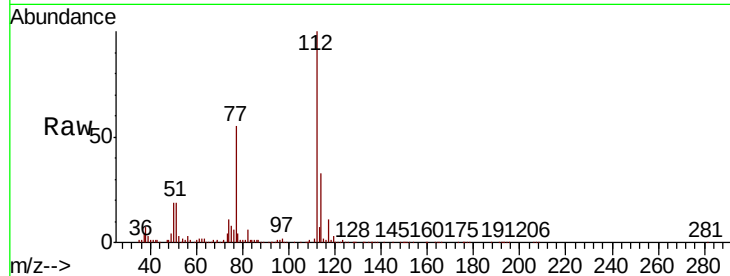




#65
Chlorobenzene
Concen: 51.071 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

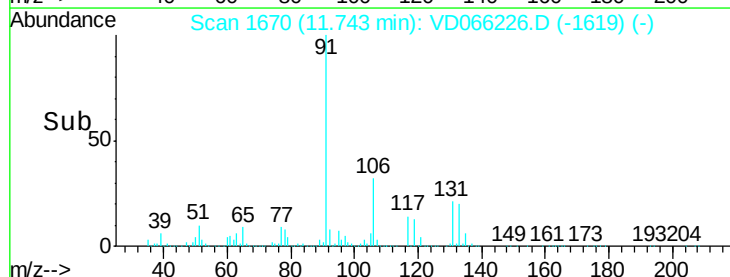
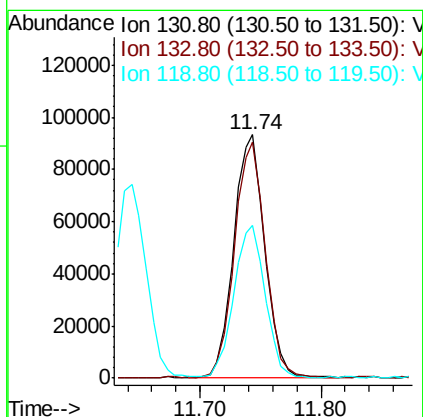
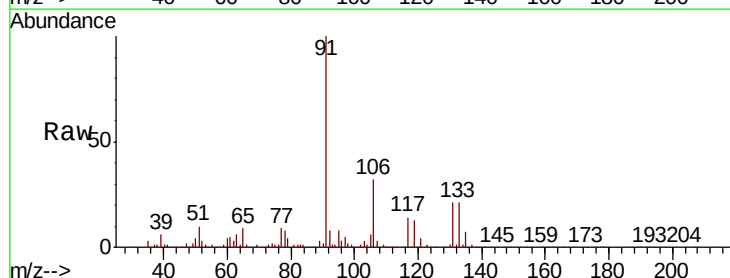
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

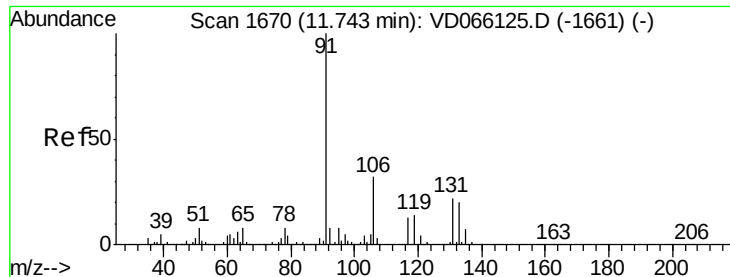
Tot Ion:112 Resp: 424417
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.762 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion:131 Resp: 168311
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 62.6 31.6 94.7





#67

Ethyl Benzene

Concen: 50.927 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

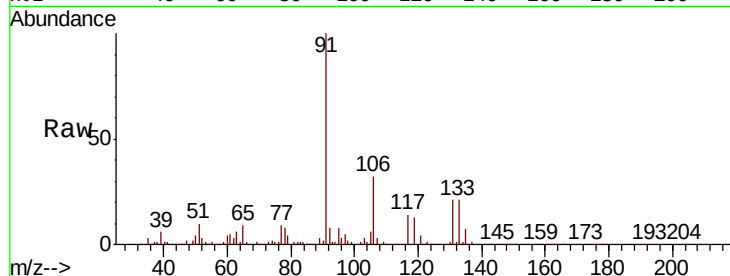
VSTDCCC050EC

Tot Ion: 91 Resp: 733402

Ion Ratio Lower Upper

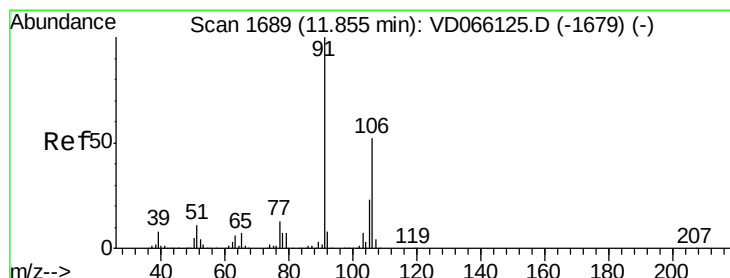
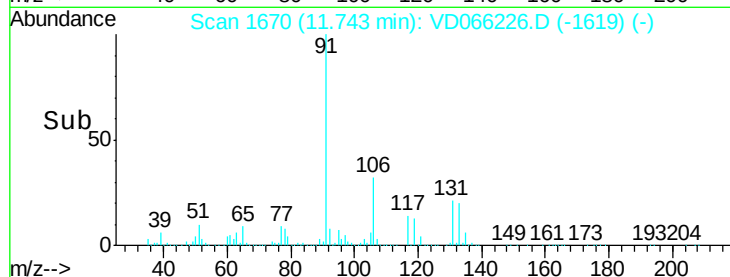
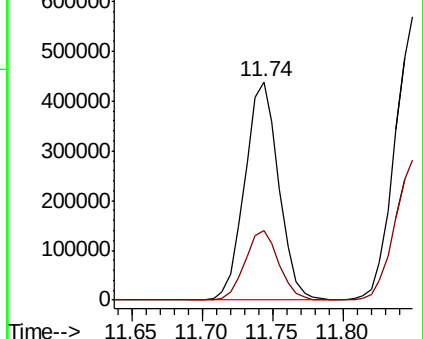
91 100

106 32.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.139 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066226.D

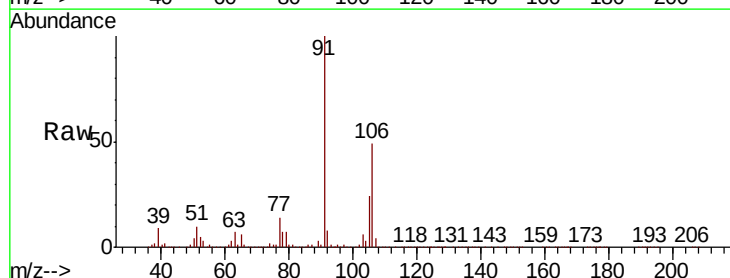
Acq: 13 Aug 2020 22:31

Tgt Ion: 106 Resp: 558735

Ion Ratio Lower Upper

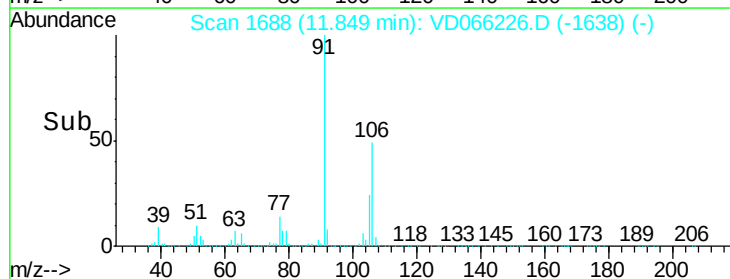
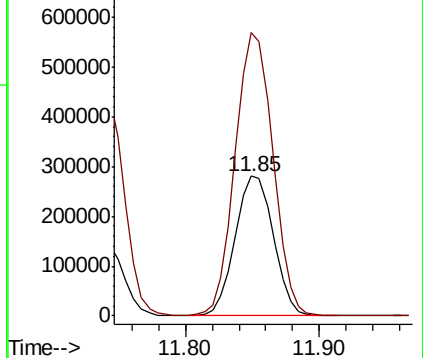
106 100

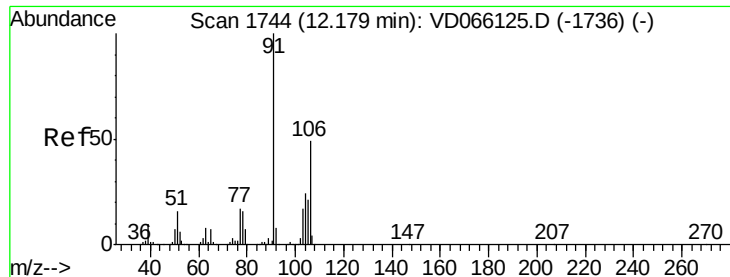
91 199.4 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

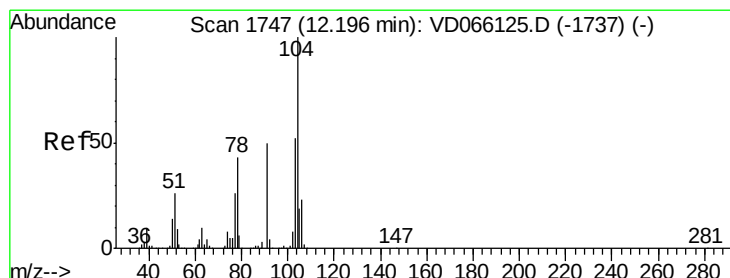
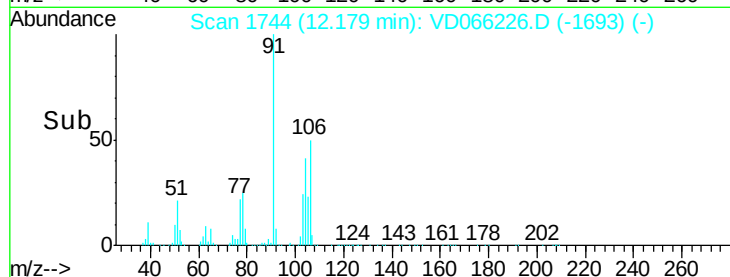
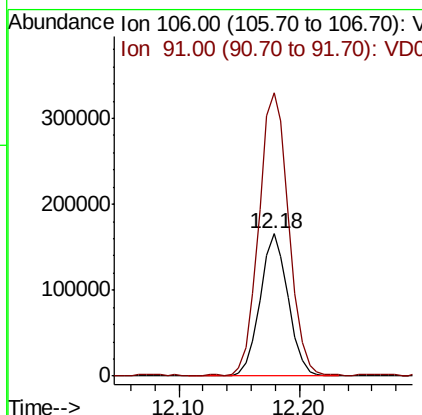
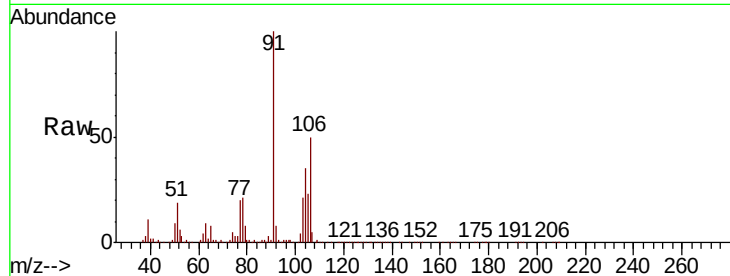




#69
o-Xylene
Concen: 52.879 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

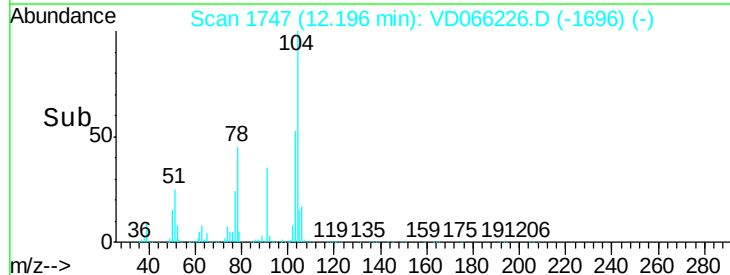
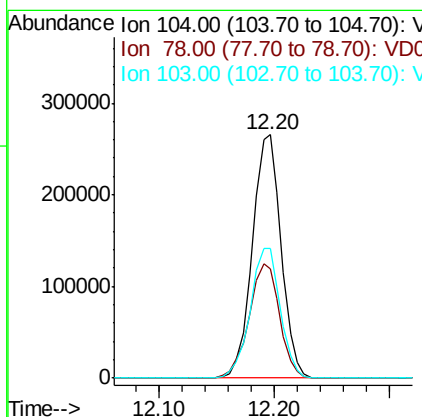
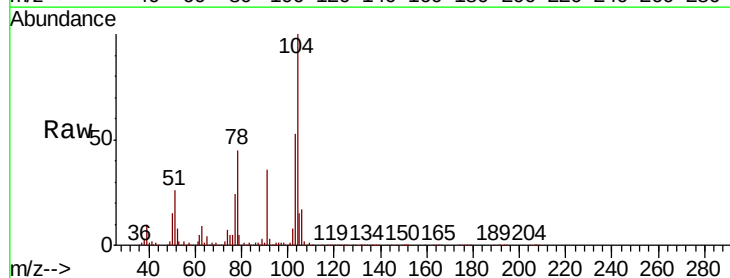
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

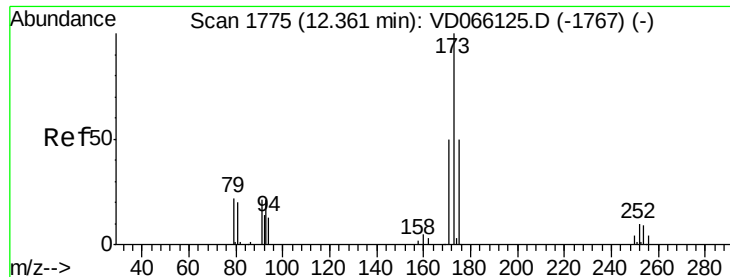
Tot Ion:106 Resp: 268392
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.1



#70
Styrene
Concen: 51.866 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion:104 Resp: 461352
Ion Ratio Lower Upper
104 100
78 50.0 38.6 58.0
103 55.9 44.1 66.1





#71

Bromoform

Concen: 52.473 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

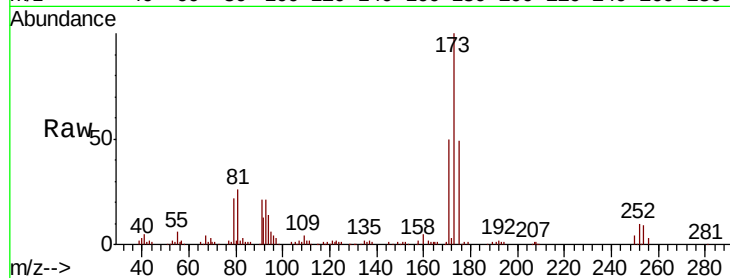
Tot Ion:173 Resp: 101090

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

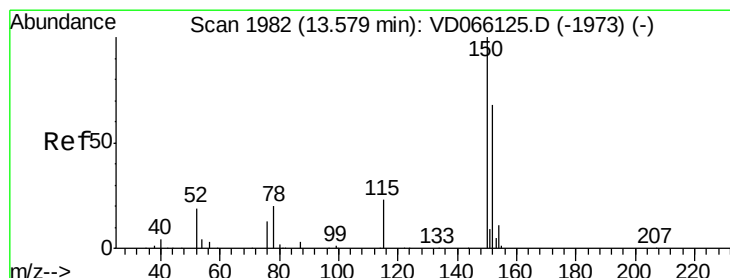
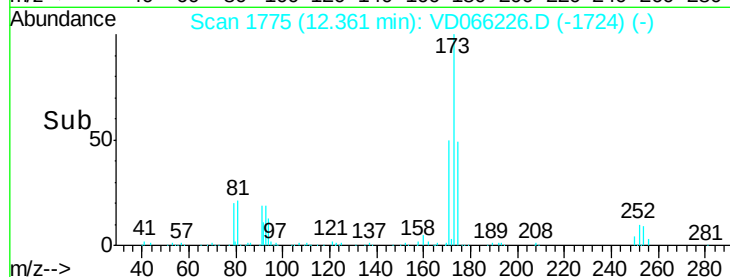
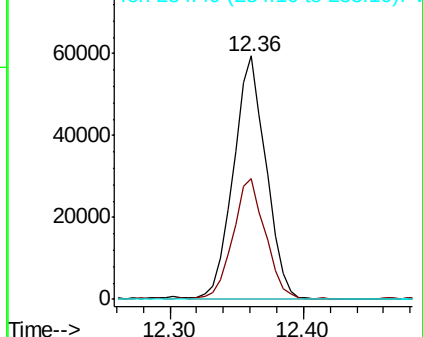
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

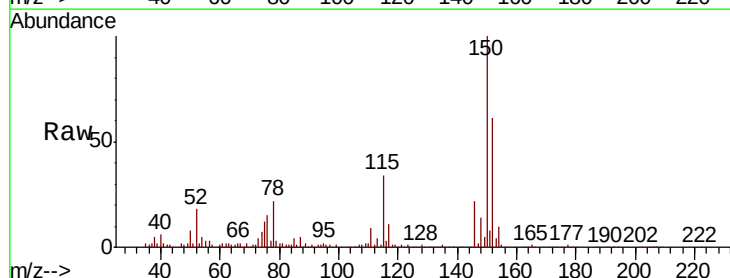
Tgt Ion:152 Resp: 201979

Ion Ratio Lower Upper

152 100

115 55.5 28.0 83.9

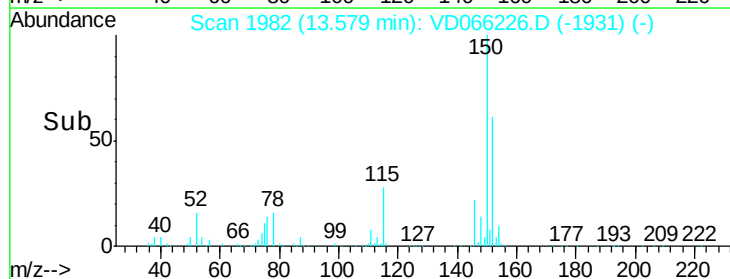
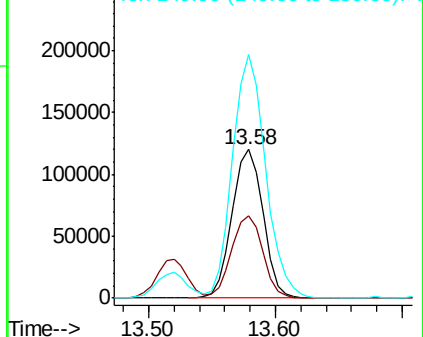
150 175.1 0.0 346.4

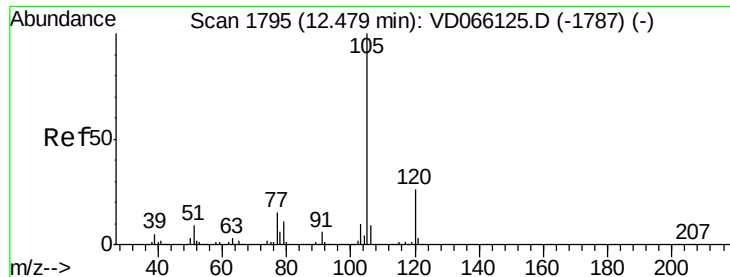


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.130 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

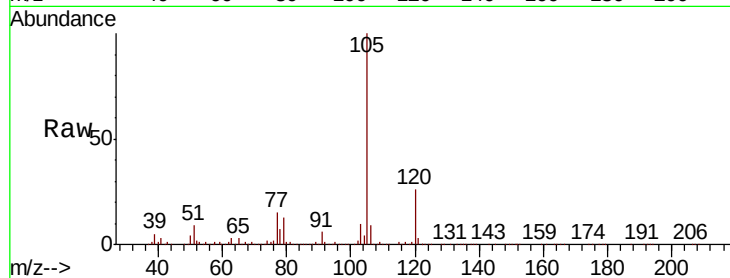
VSTDCCC050EC

Tot Ion:105 Resp: 729809

Ion Ratio Lower Upper

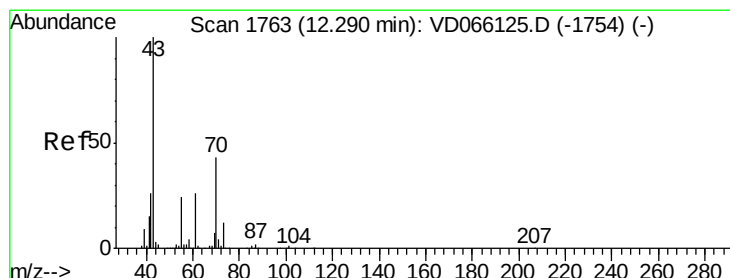
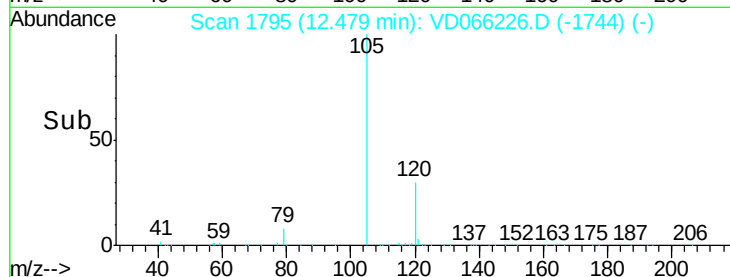
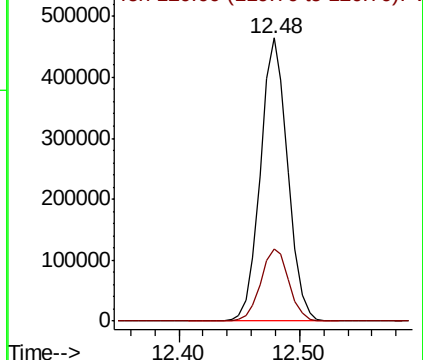
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.180 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Tgt Ion: 43 Resp: 160859

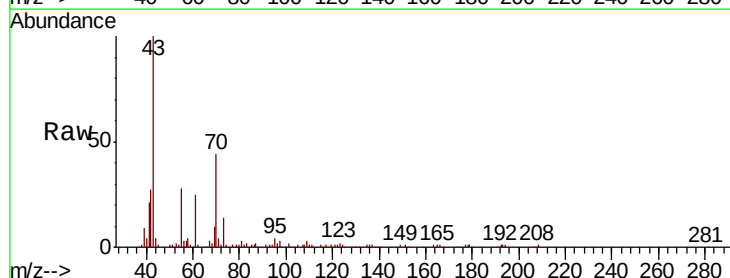
Ion Ratio Lower Upper

43 100

70 45.0 34.9 52.3

55 29.4 19.2 28.8#

61 25.7 19.7 29.5

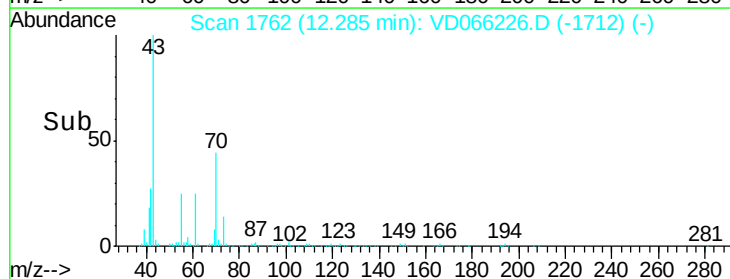
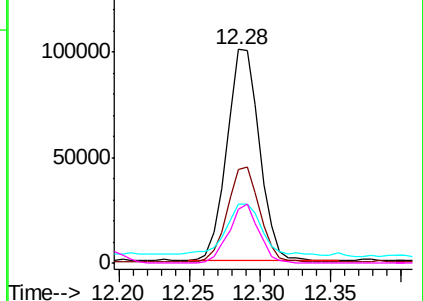


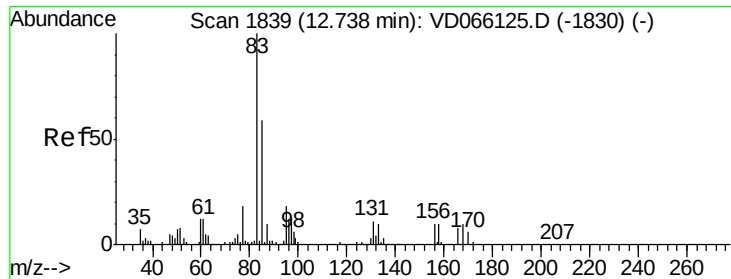
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 54.740 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

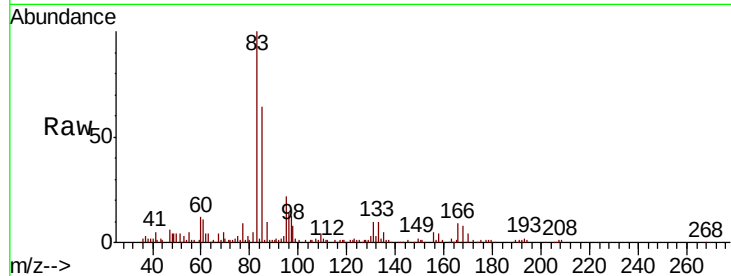
Tot Ion: 83 Resp: 125847

Ion Ratio Lower Upper

83 100

131 11.2 6.2 18.6

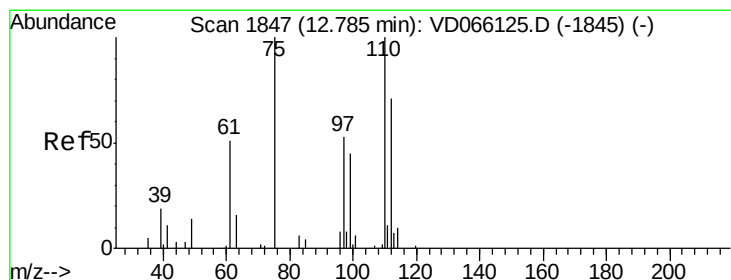
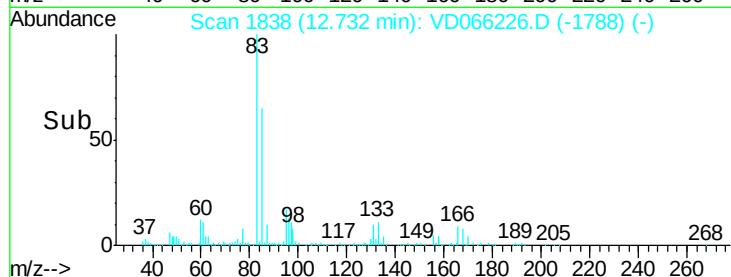
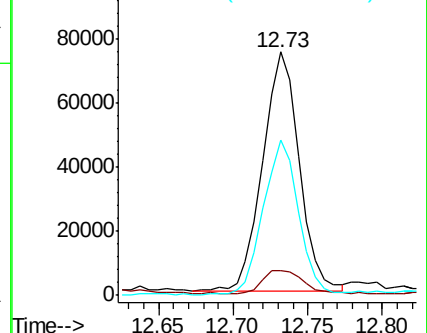
85 62.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 97.137 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066226.D

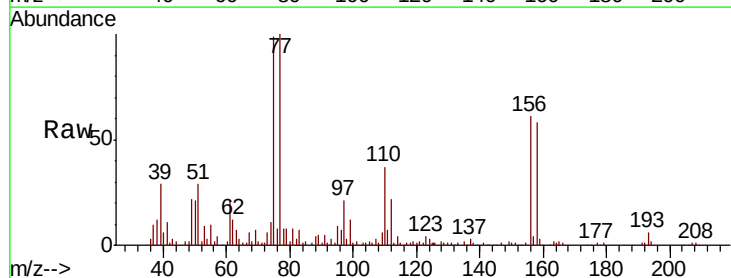
Acq: 13 Aug 2020 22:31

Tgt Ion: 75 Resp: 163614

Ion Ratio Lower Upper

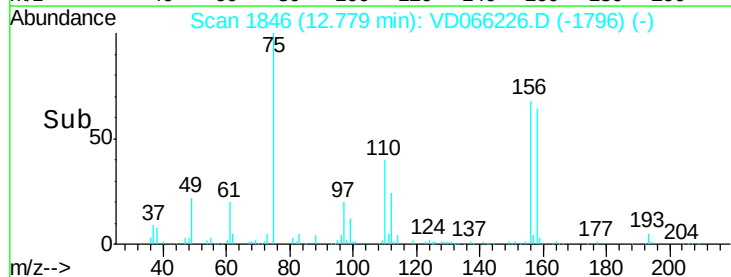
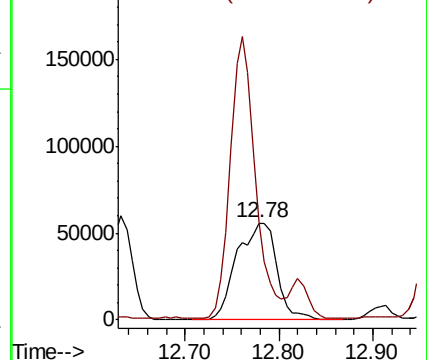
75 100

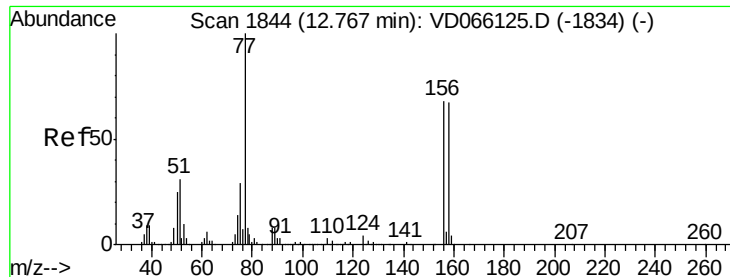
77 183.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.287 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

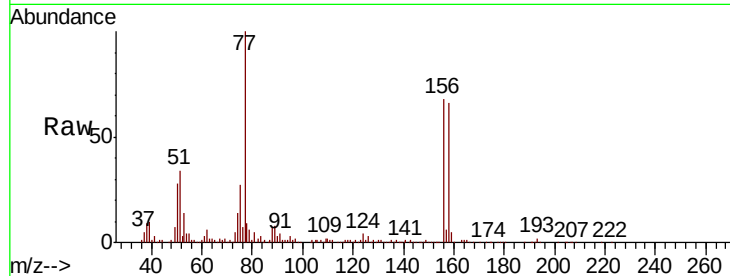
Tot Ion:156 Resp: 188413

Ion Ratio Lower Upper

156 100

77 159.6 81.0 243.1

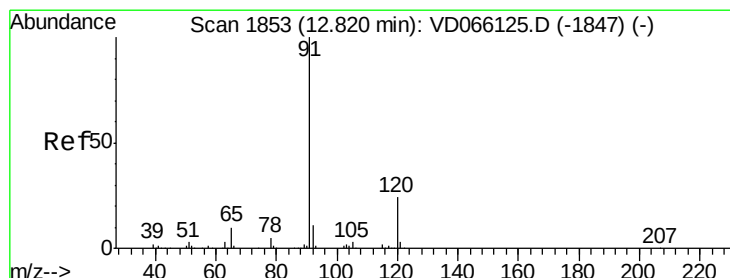
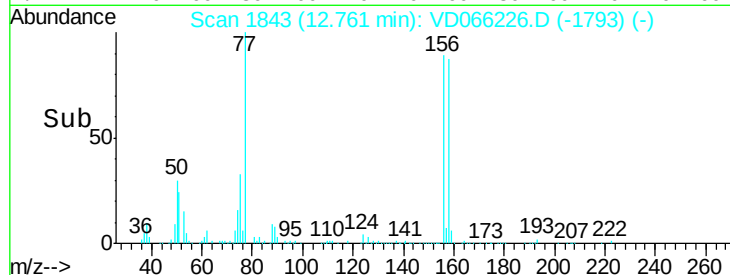
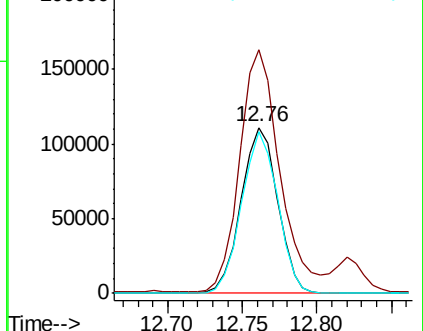
158 95.8 48.8 146.3



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: 52.511 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066226.D

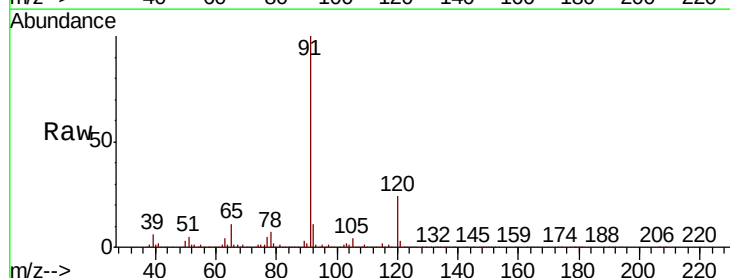
Acq: 13 Aug 2020 22:31

Tgt Ion: 91 Resp: 822976

Ion Ratio Lower Upper

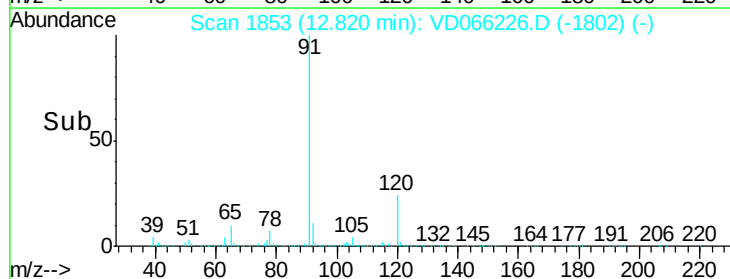
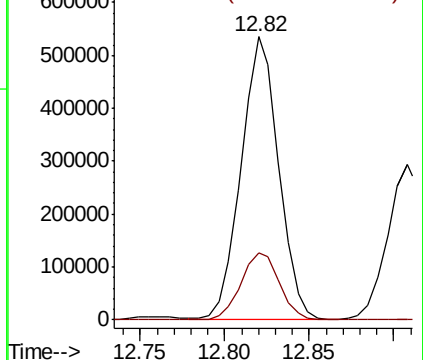
91 100

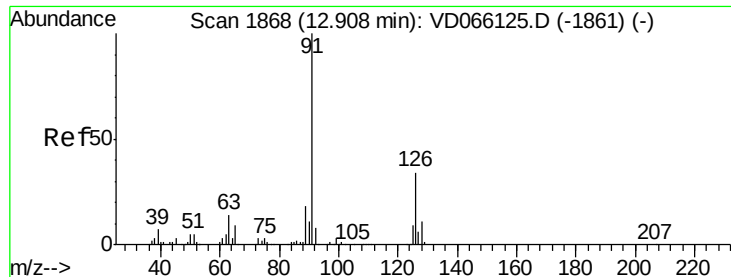
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.871 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

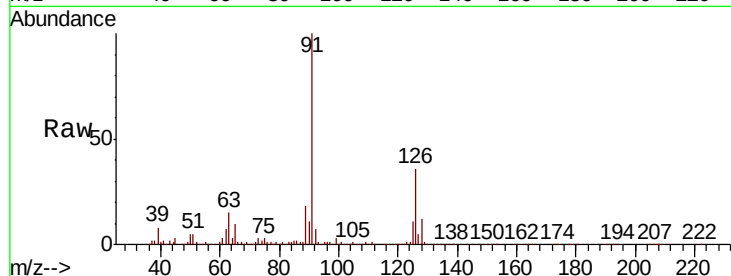
VSTDCCC050EC

Tot Ion: 91 Resp: 473915

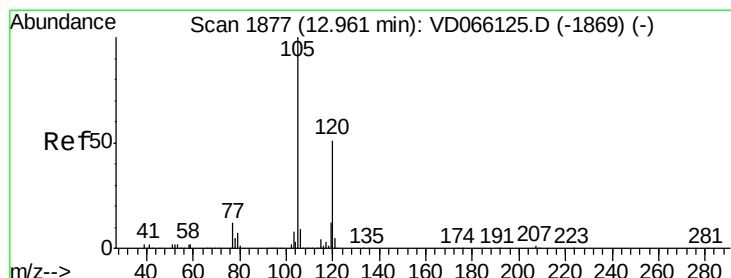
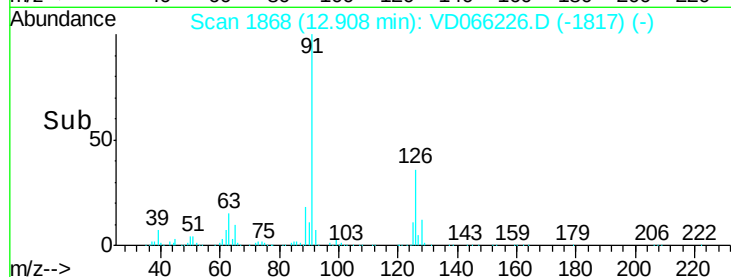
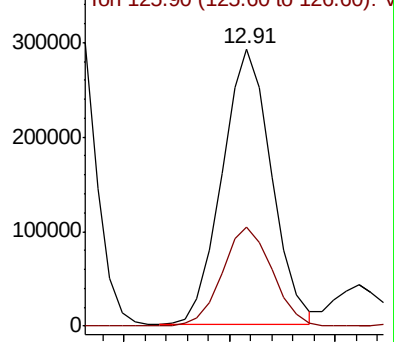
Ion Ratio Lower Upper

91 100

126 36.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066125.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.254 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066226.D

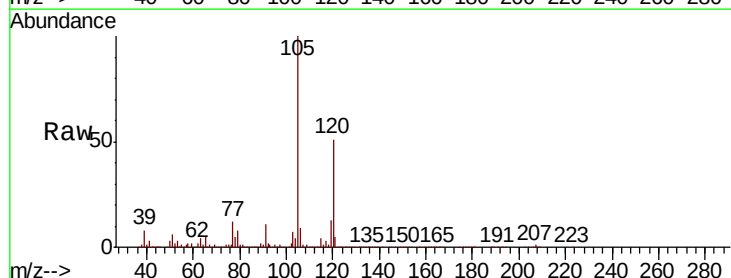
Acq: 13 Aug 2020 22:31

Tgt Ion: 105 Resp: 611741

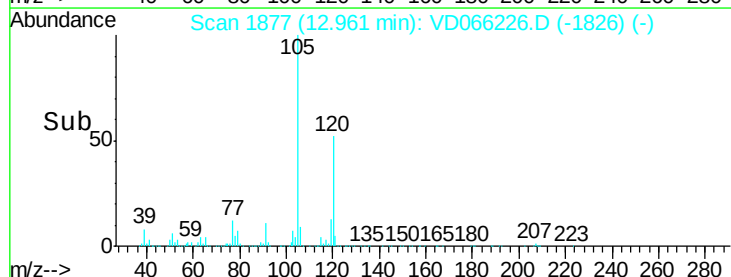
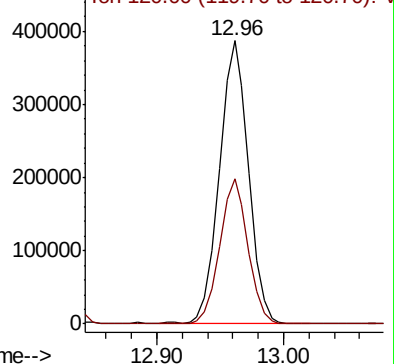
Ion Ratio Lower Upper

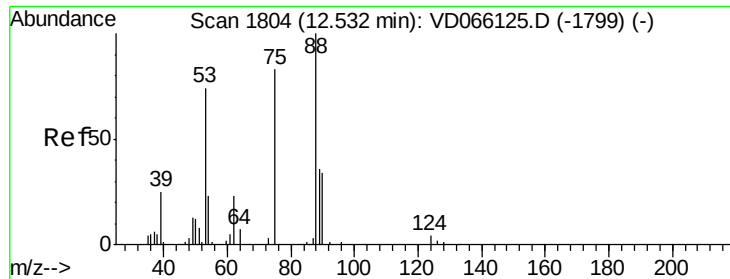
105 100

120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066125.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.580 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

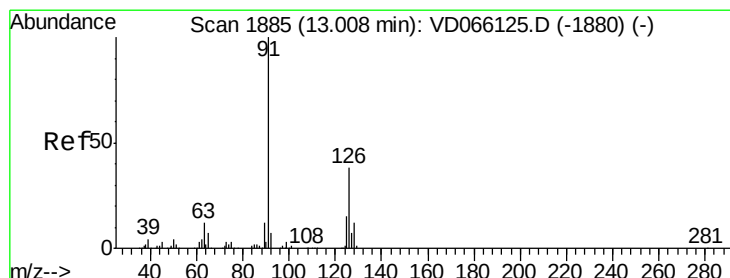
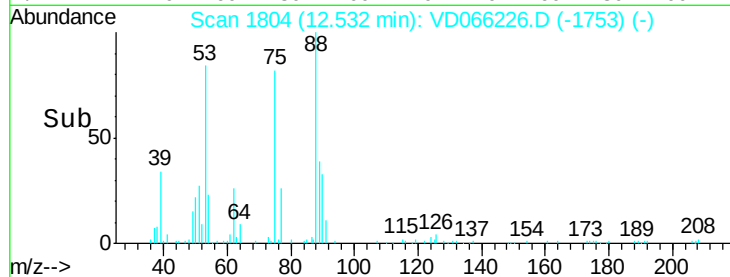
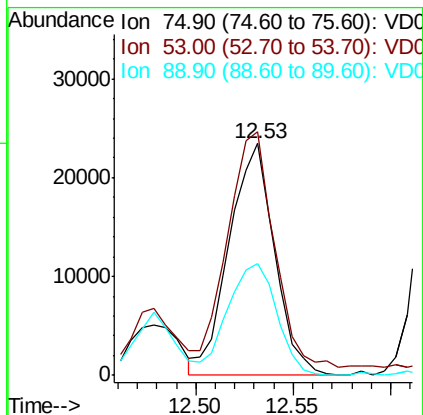
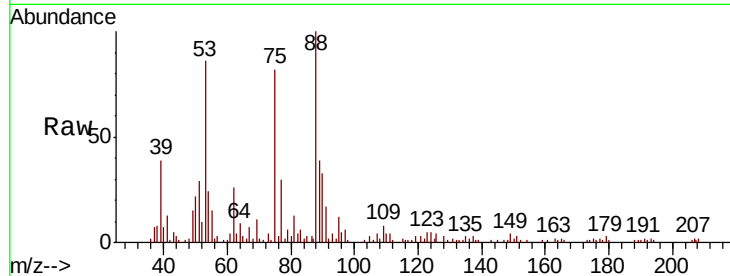
Tot Ion: 75 Resp: 37778

Ion Ratio Lower Upper

75 100

53 103.9 73.4 110.2

89 51.7 36.6 55.0



#82

4-Chlorotoluene

Concen: 54.071 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066226.D

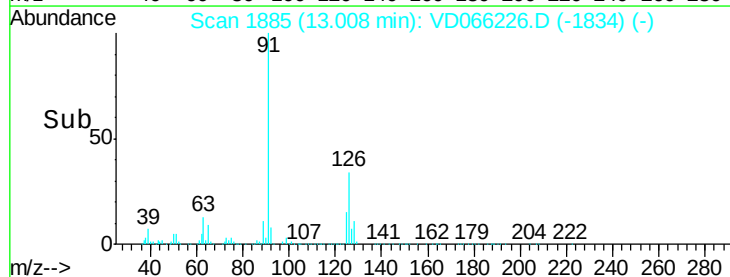
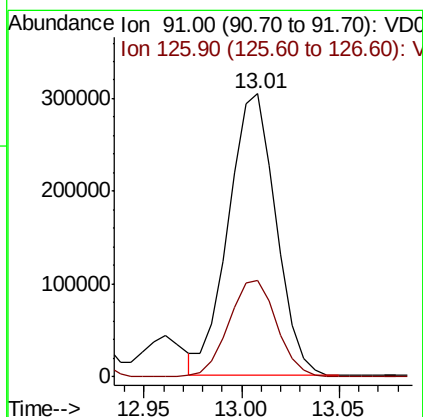
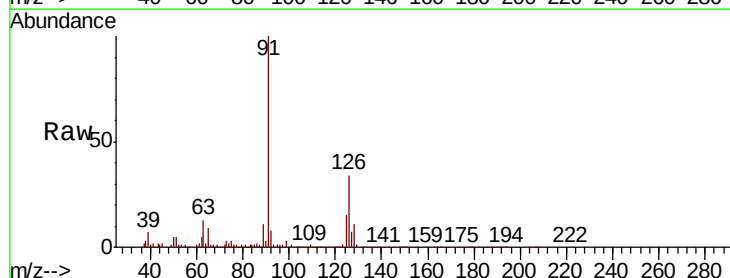
Acq: 13 Aug 2020 22:31

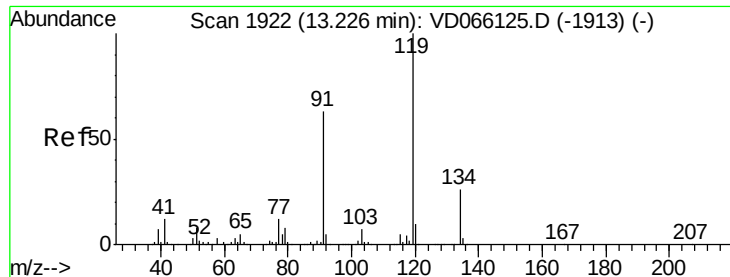
Tgt Ion: 91 Resp: 511644

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.3

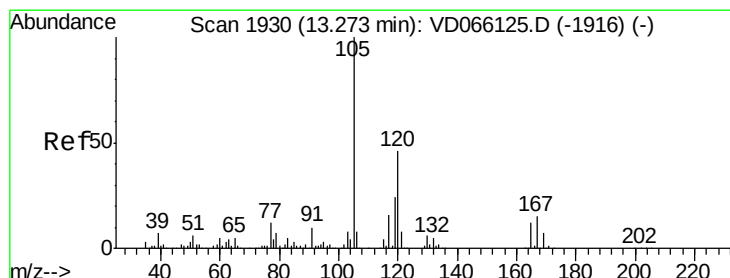
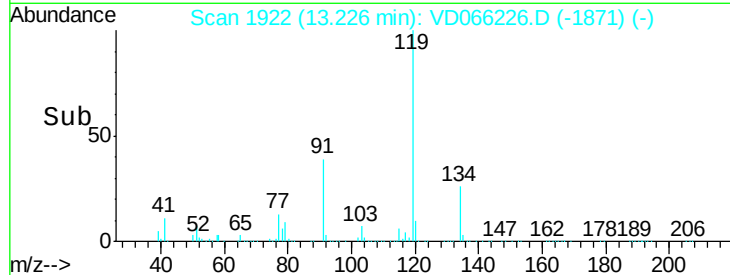
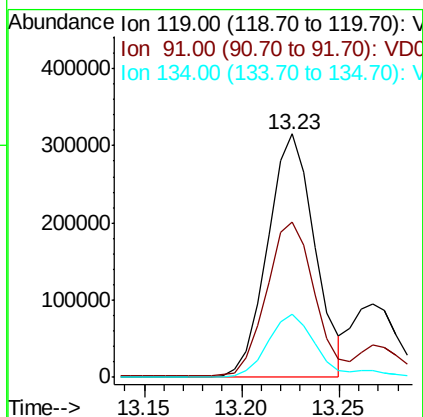
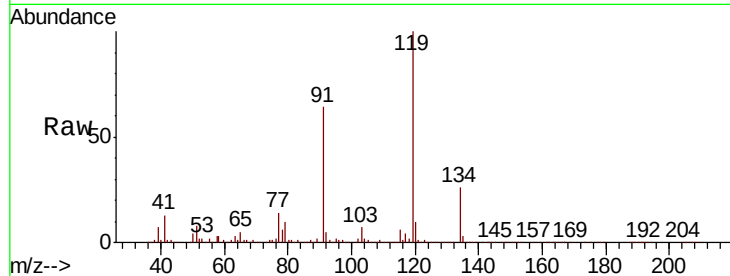




#83
 tert-Butylbenzene
 Concen: 53.044 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

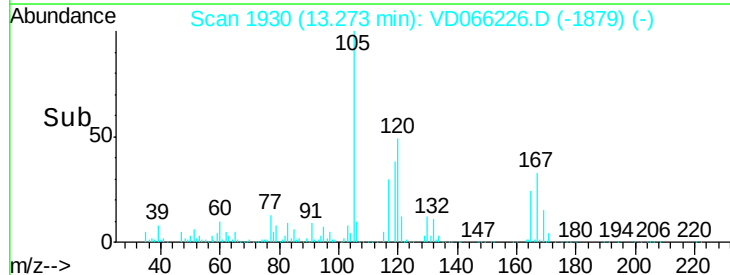
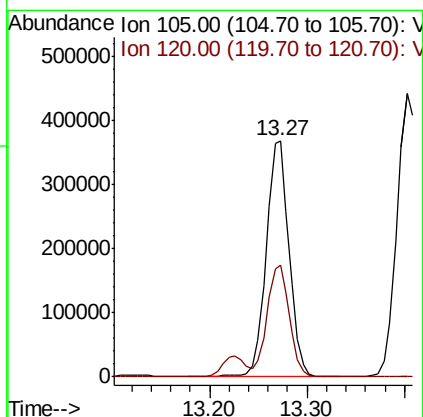
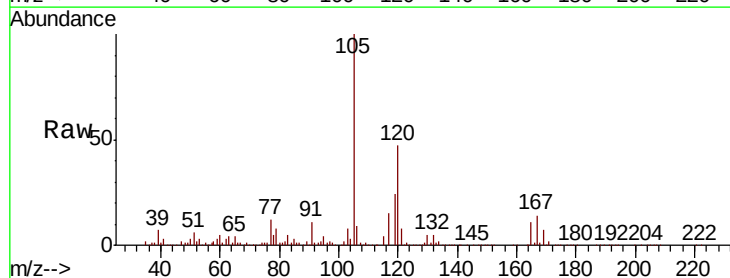
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

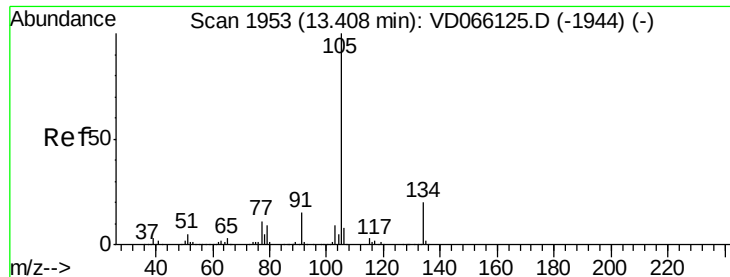
Tot Ion:119 Resp: 525997
 Ion Ratio Lower Upper
 119 100
 91 65.1 30.8 92.4
 134 27.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.489 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion:105 Resp: 603585
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.711 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

Instrument :

MSVOA_D

ClientSampleId :

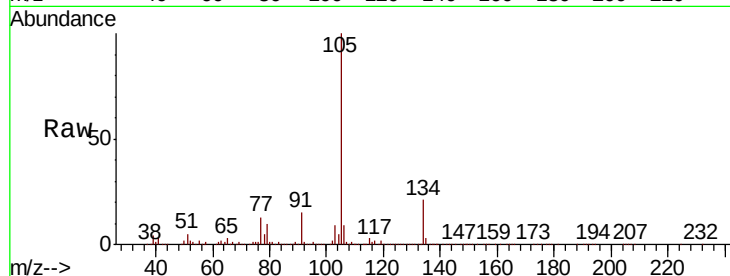
VSTDCCC050EC

Tot Ion:105 Resp: 705702

Ion Ratio Lower Upper

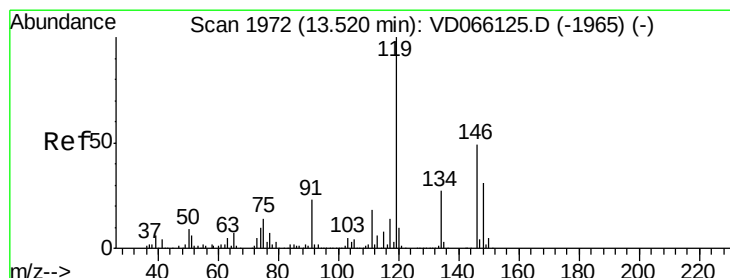
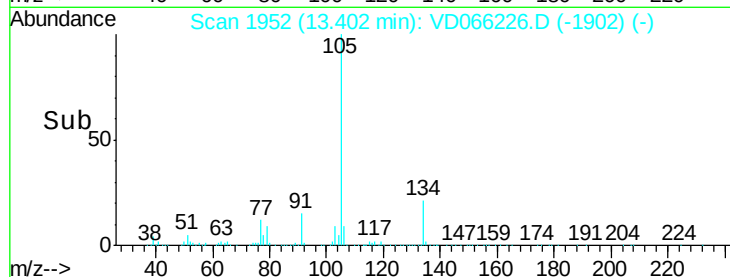
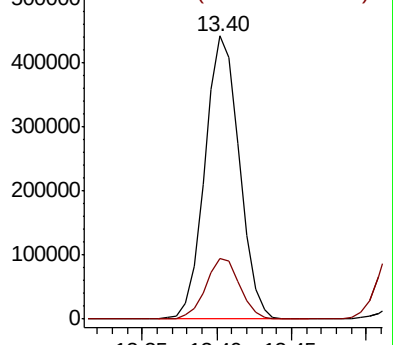
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.418 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066226.D

Acq: 13 Aug 2020 22:31

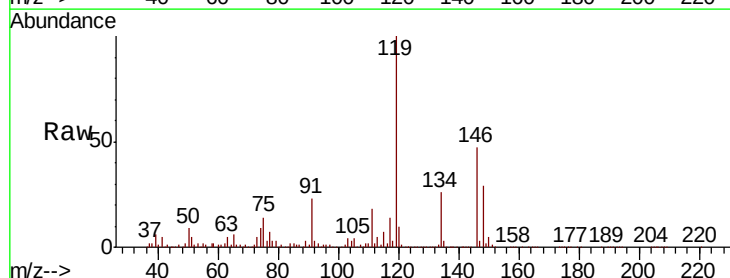
Tgt Ion:119 Resp: 670761

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

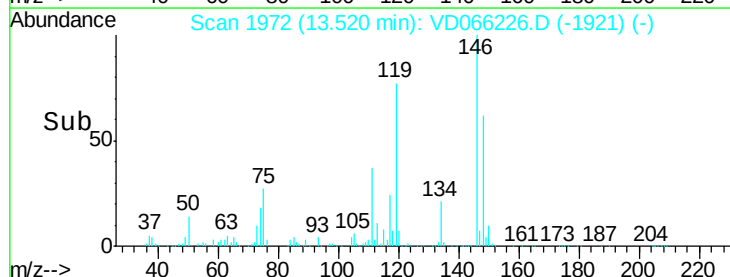
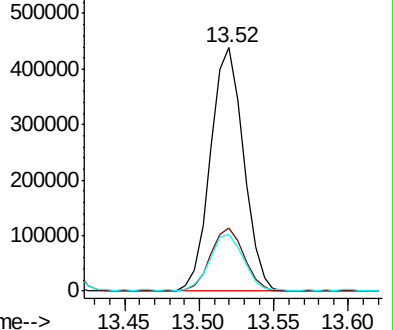
91 23.2 11.2 33.5

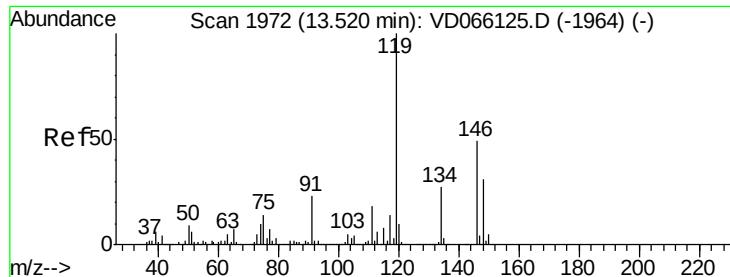


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

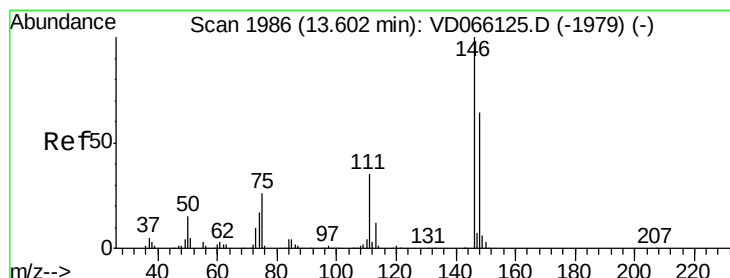
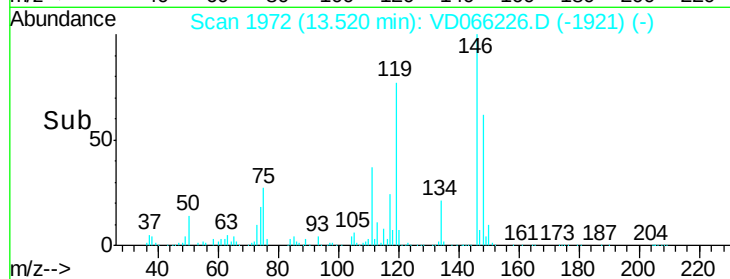
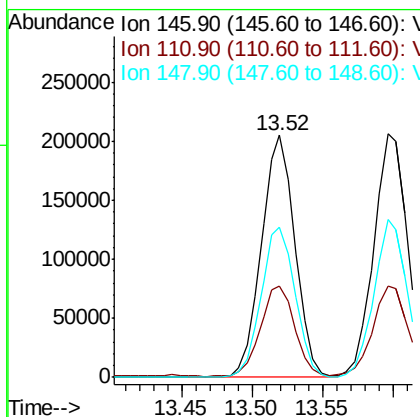
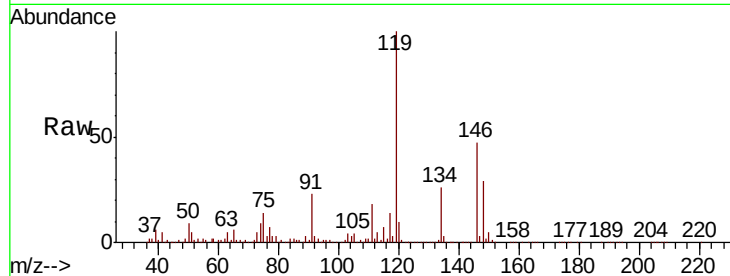




#87
 1,3-Dichlorobenzene
 Concen: 52.238 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

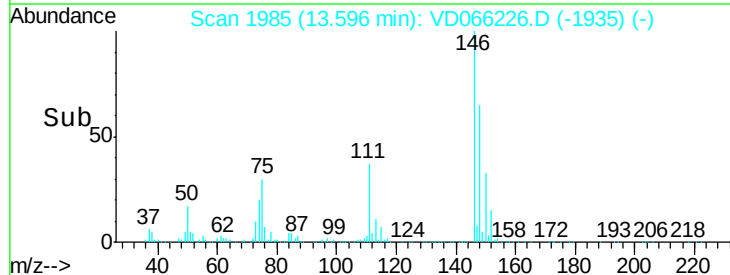
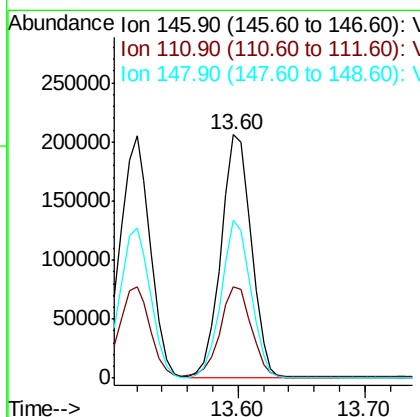
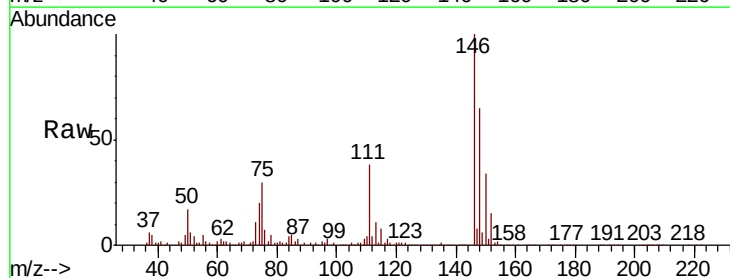
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

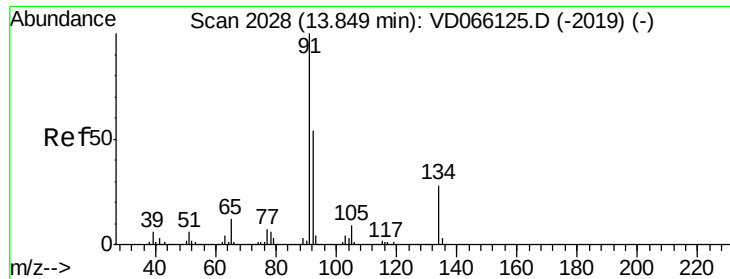
Tot Ion:146 Resp: 340749
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.494 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion:146 Resp: 341488
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 63.4 32.4 97.0

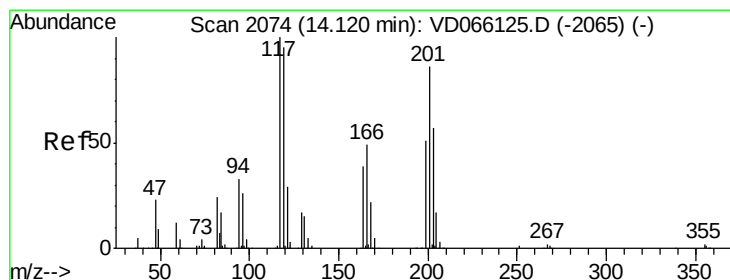
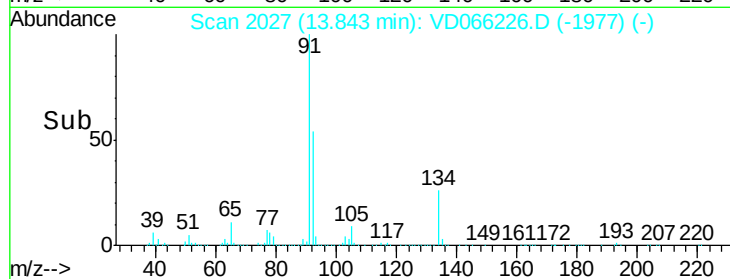
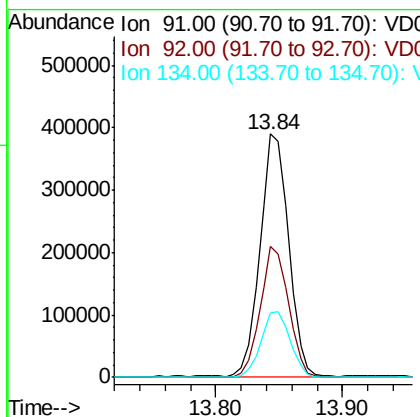
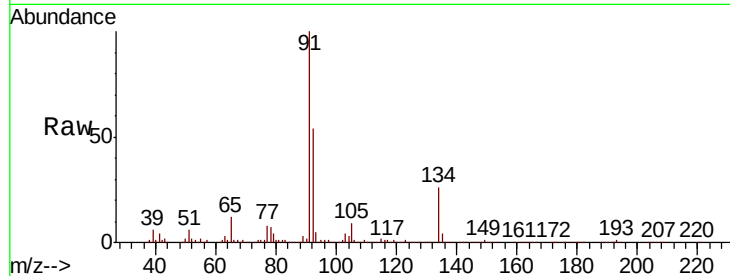




#89
n-Butylbenzene
Concen: 54.045 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

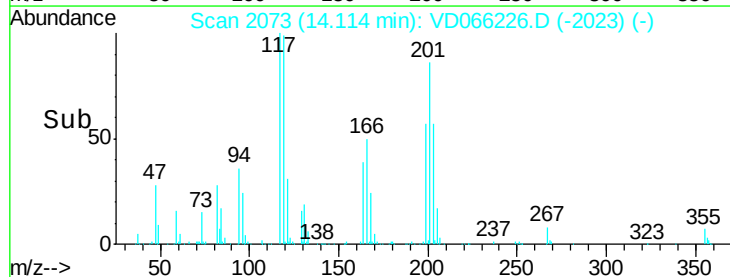
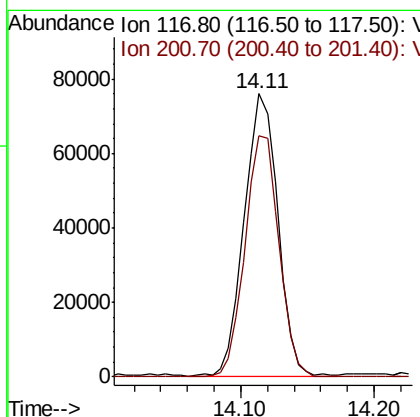
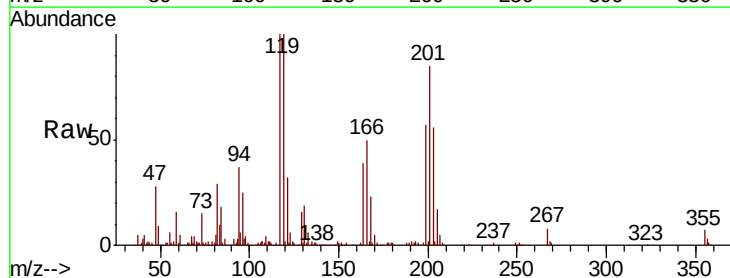
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

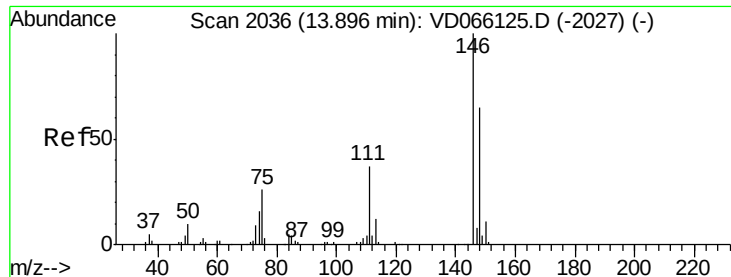
Tot Ion: 91 Resp: 608024
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 27.8 14.0 41.9



#90
Hexachloroethane
Concen: 52.415 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion: 117 Resp: 131266
Ion Ratio Lower Upper
117 100
201 86.3 42.7 128.1

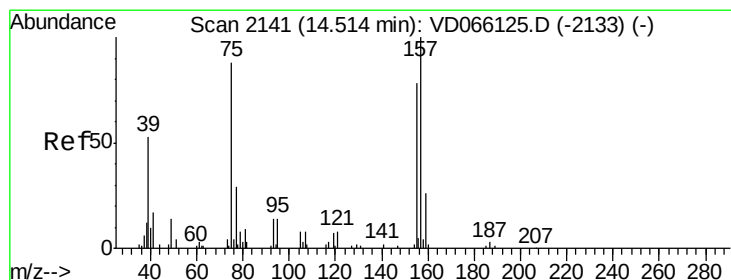
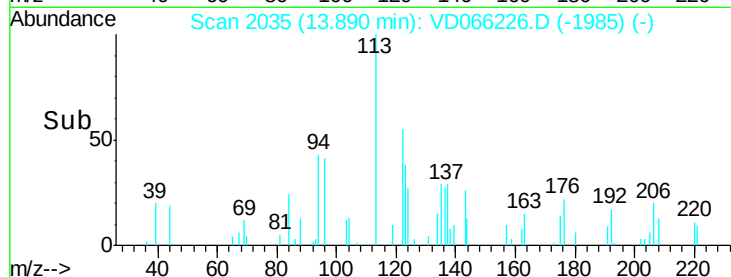
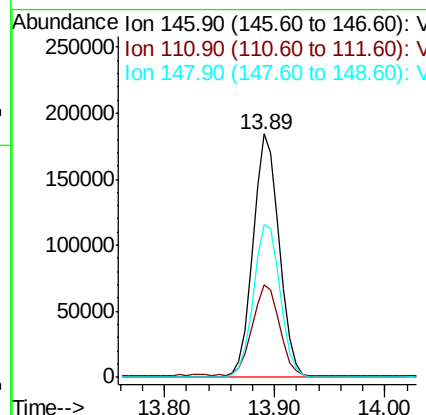
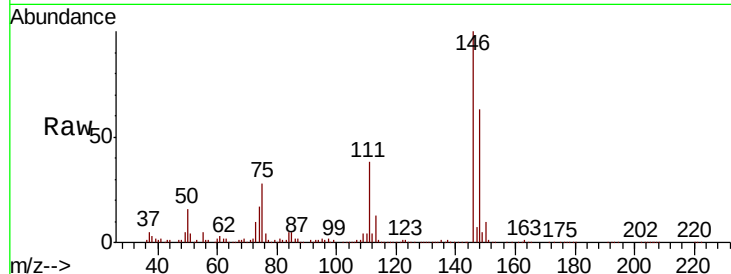




#91
 1,2-Dichlorobenzene
 Concen: 53.166 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

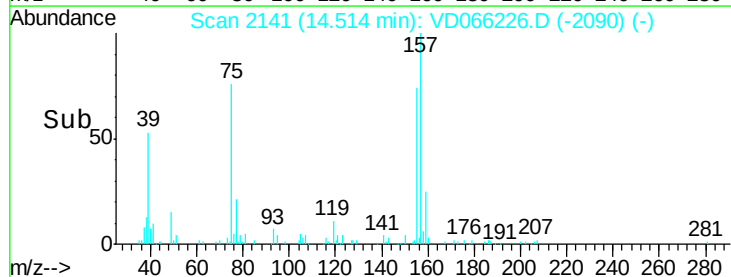
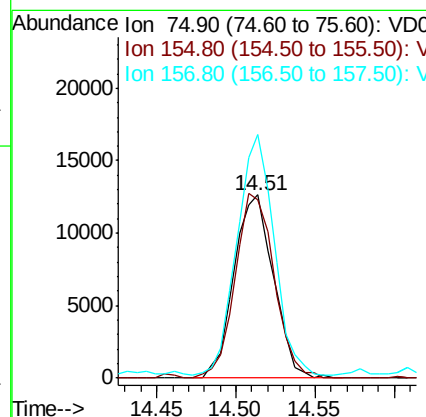
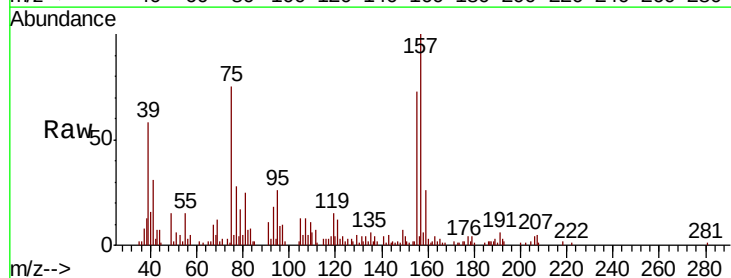
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

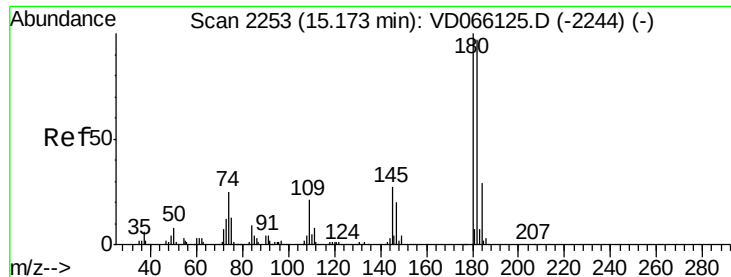
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.8	56.3
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.086 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.0	47.7	143.1
157	123.9	62.1	186.2

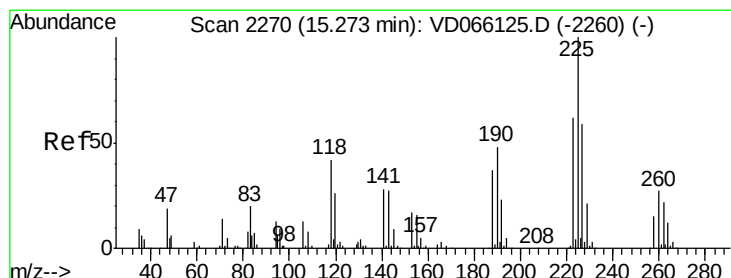
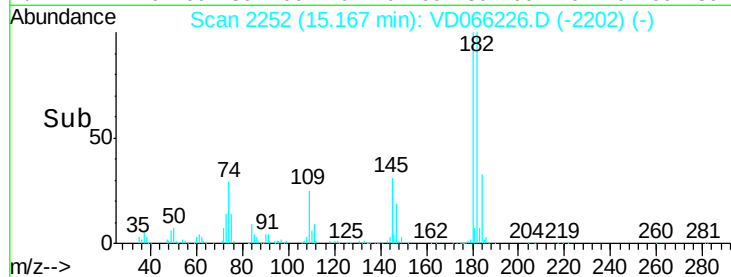
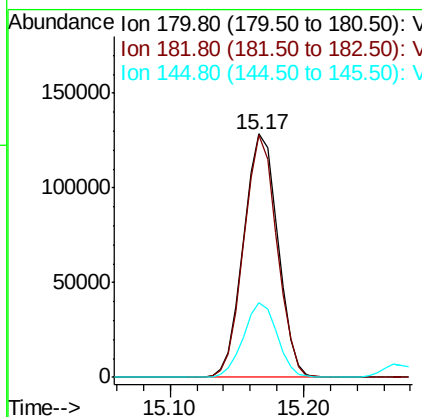
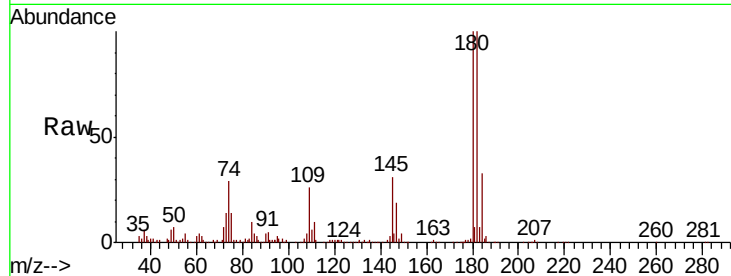




#93
 1,2,4-Trichlorobenzene
 Concen: 53.702 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

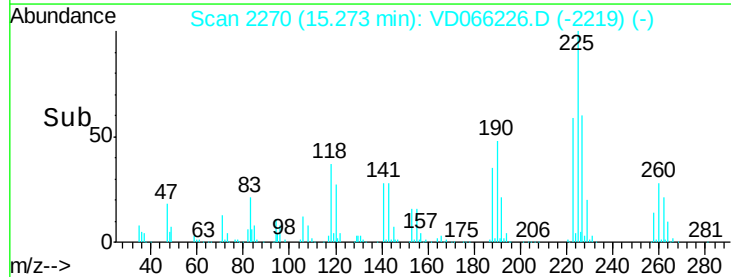
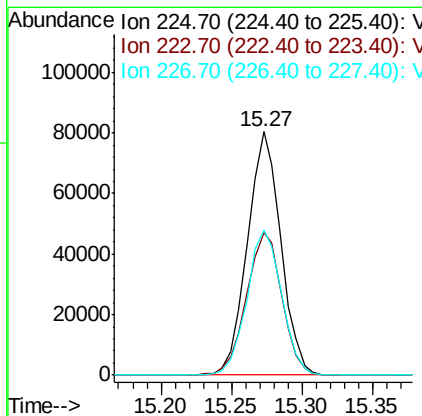
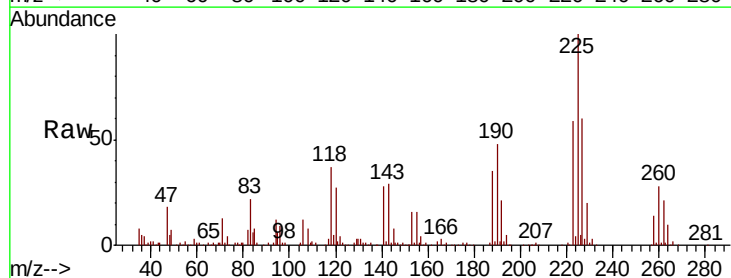
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

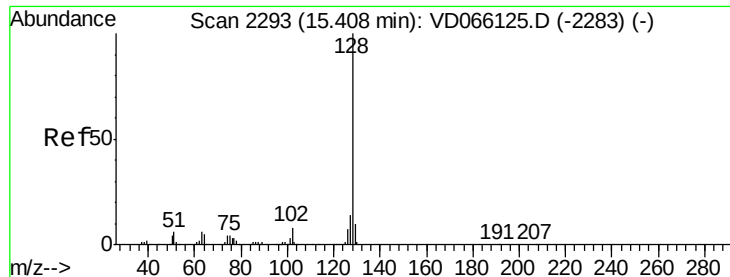
Tot Ion:180 Resp: 228299
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 30.4 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 53.333 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066226.D
 Acq: 13 Aug 2020 22:31

Tgt Ion:225 Resp: 133513
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.3 96.9
 227 61.8 32.1 96.5

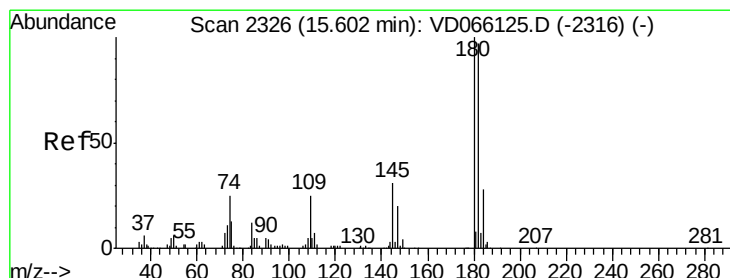
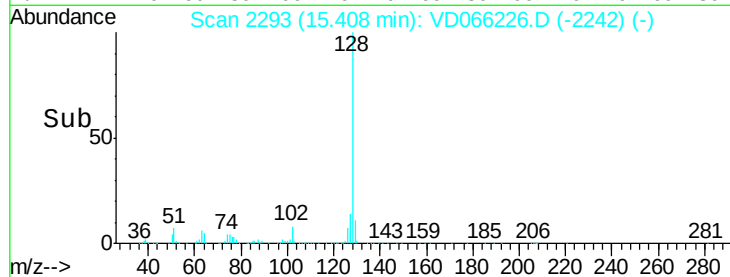
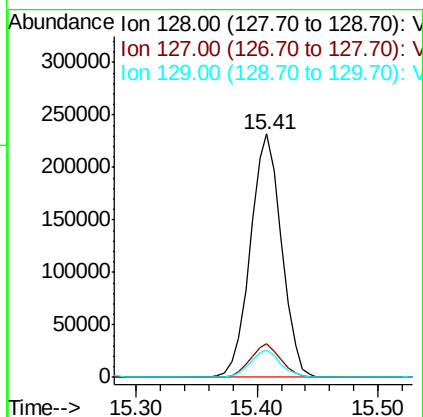
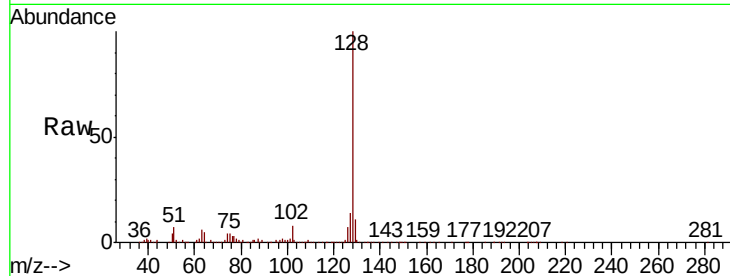




#95
Naphthalene
Concen: 59.731 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 413758
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.637 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066226.D
Acq: 13 Aug 2020 22:31

Tgt Ion:180 Resp: 205047
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.4
145 32.3 14.9 44.9

