

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066160.D
 Acq On : 07 Aug 2020 16:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 00:39:48 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	297804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	447396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	416262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213011	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	140285	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	7.91	113	145287	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.34	98	549081	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.64	95	192545	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	111436	42.472	ug/l	99
3) Chloromethane	2.20	50	91928	45.041	ug/l	96
4) Vinyl Chloride	2.34	62	86812	48.043	ug/l	96
5) Bromomethane	2.77	94	59801	49.883	ug/l	99
6) Chloroethane	2.92	64	54195	48.860	ug/l	93
7) Trichlorofluoromethane	3.27	101	219271	46.546	ug/l	99
8) Diethyl Ether	3.70	74	66584	50.092	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	132634	47.441	ug/l	98
10) Methyl Iodide	4.30	142	141280	54.767	ug/l	97
11) Tert butyl alcohol	5.22	59	42450	207.515	ug/l	96
12) 1,1-Dichloroethene	4.06	96	121996	46.256	ug/l	93
13) Acrolein	3.92	56	44567	210.738	ug/l	99
14) Allyl chloride	4.71	41	203056	50.820	ug/l	98
15) Acrylonitrile	5.42	53	141511	252.640	ug/l	99
16) Acetone	4.15	43	121305	240.627	ug/l	98
17) Carbon Disulfide	4.40	76	384044	45.798	ug/l	98
18) Methyl Acetate	4.71	43	61059	47.684	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	306534	50.708	ug/l	100
20) Methylene Chloride	4.96	84	166996	58.472	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	147177	48.577	ug/l	96
22) Diisopropyl ether	6.36	45	421993	53.408	ug/l	98
23) Vinyl Acetate	6.30	43	1222616	264.127	ug/l	98
24) 1,1-Dichloroethane	6.26	63	250991	51.329	ug/l	99
25) 2-Butanone	7.21	43	175638	236.879	ug/l	96
26) 2,2-Dichloropropane	7.20	77	211112	48.170	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	163782	51.539	ug/l	98
28) Bromochloromethane	7.54	49	93422	54.396	ug/l #	98
29) Tetrahydrofuran	7.56	42	116151	252.839	ug/l	97
30) Chloroform	7.71	83	260534	50.742	ug/l	96
31) Cyclohexane	7.98	56	216210	46.450	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	234003	48.607	ug/l	99
36) 1,1-Dichloropropene	8.11	75	198648	47.250	ug/l	99
37) Ethyl Acetate	7.29	43	80615	48.396	ug/l	97
38) Carbon Tetrachloride	8.10	117	218082	46.516	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066160.D
 Acq On : 07 Aug 2020 16:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 08 00:39:48 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)
39) Methylcyclohexane	9.35	83	241097	47.440	ug/l	96
40) Benzene	8.35	78	570651	48.930	ug/l	98
41) Methacrylonitrile	7.56	41	115282	117.706	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	165222	48.223	ug/l	100
43) Isopropyl Acetate	8.45	43	160120	48.787	ug/l	99
44) Trichloroethene	9.11	130	167924	47.782	ug/l	100
45) 1,2-Dichloropropane	9.38	63	142969	50.123	ug/l	94
46) Dibromomethane	9.47	93	78430	49.918	ug/l	98
47) Bromodichloromethane	9.66	83	204454	49.236	ug/l	93
48) Methyl methacrylate	9.45	41	76007	45.354	ug/l	88
49) 1,4-Dioxane	9.46	88	19426	962.372	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	413141	245.066	ug/l	100
52) Toluene	10.40	92	377942	49.248	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	196548	49.875	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	233359	50.541	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	105188	46.494	ug/l	97
56) Ethyl methacrylate	10.66	69	138194	50.848	ug/l	97
57) 1,3-Dichloropropane	10.94	76	187330	49.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	350805	286.956	ug/l	99
59) 2-Hexanone	10.98	43	286552	242.195	ug/l	97
60) Dibromochloromethane	11.14	129	150506	48.186	ug/l	98
61) 1,2-Dibromoethane	11.24	107	107109	49.228	ug/l	98
64) Tetrachloroethene	10.88	164	144831	45.310	ug/l	98
65) Chlorobenzene	11.67	112	407979	48.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	155810	47.125	ug/l	98
67) Ethyl Benzene	11.74	91	716056	48.899	ug/l	97
68) m/p-Xylenes	11.86	106	547359	96.476	ug/l	97
69) o-Xylene	12.18	106	253528	49.124	ug/l	100
70) Styrene	12.20	104	455734	50.386	ug/l	99
71) Bromoform	12.36	173	91317	46.616	ug/l #	100
73) Isopropylbenzene	12.48	105	703307	49.463	ug/l	100
74) N-amyl acetate	12.29	43	152404	48.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	115850	47.782	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	153315	86.308	ug/l #	100
77) Bromobenzene	12.76	156	175535	47.957	ug/l	97
78) n-propylbenzene	12.83	91	811609	49.103	ug/l	100
79) 2-Chlorotoluene	12.91	91	466529	49.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	590016	49.617	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39426	49.063	ug/l	99
82) 4-Chlorotoluene	13.01	91	489494	49.051	ug/l	100
83) tert-Butylbenzene	13.23	119	517886	49.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	591777	49.727	ug/l	99
85) sec-Butylbenzene	13.41	105	693446	49.113	ug/l	100
86) p-Isopropyltoluene	13.52	119	649543	49.049	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	332002	48.261	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	330208	48.131	ug/l	100
89) n-Butylbenzene	13.85	91	592095	49.903	ug/l	99
90) Hexachloroethane	14.12	117	126162	47.768	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	293910	48.310	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19955	47.887	ug/l	95

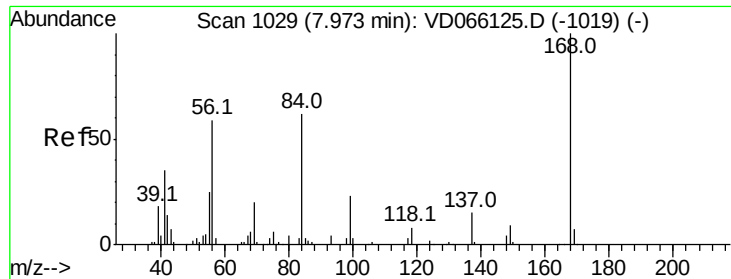
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080720\
Data File : VD066160.D
Acq On : 07 Aug 2020 16:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 08 00:39:48 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	218879	48.819	ug/l	99
94) Hexachlorobutadiene	15.28	225	124757	47.254	ug/l	98
95) Naphthalene	15.41	128	360020	49.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	188487	47.623	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

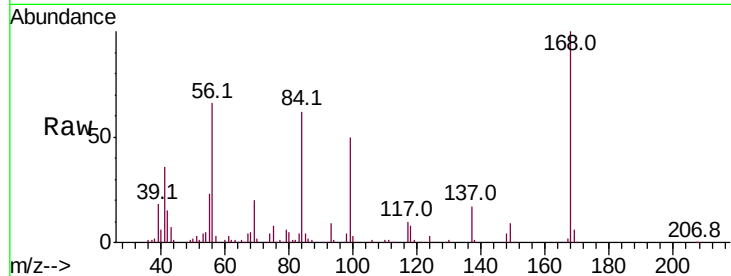
VSTDCCC050EC

Tot Ion:168 Resp: 297804

Ion Ratio Lower Upper

168 100

99 49.2 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

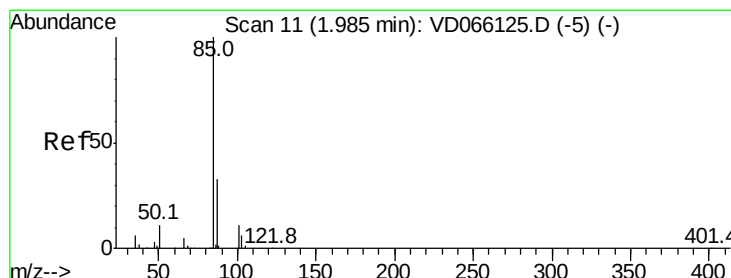
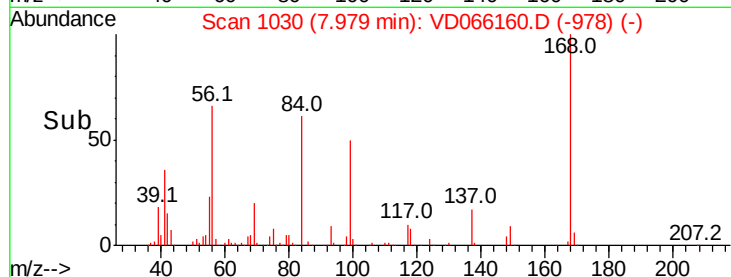
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 42.472 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066160.D

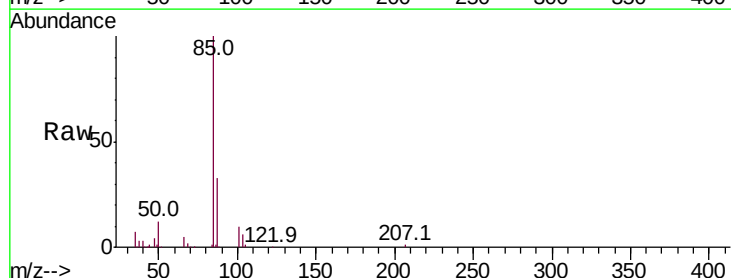
Acq: 07 Aug 2020 16:20

Tgt Ion: 85 Resp: 111436

Ion Ratio Lower Upper

85 100

87 33.3 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

60000

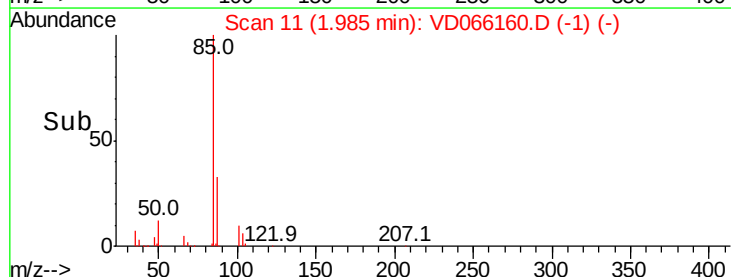
40000

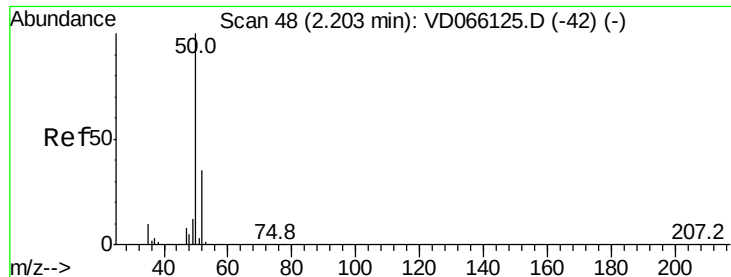
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.041 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

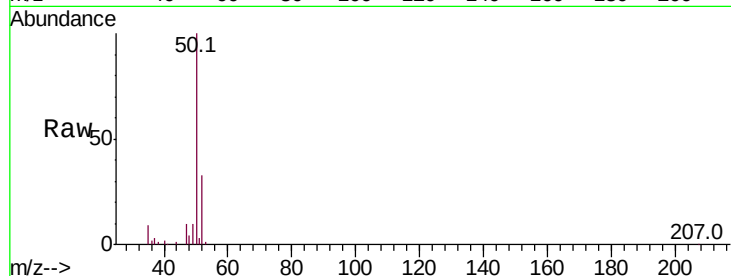
VSTDCCC050EC

Tot Ion: 50 Resp: 91928

Ion Ratio Lower Upper

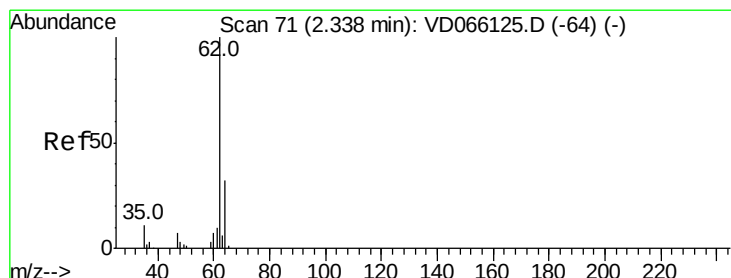
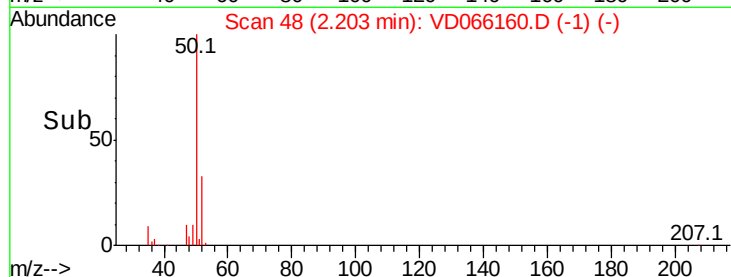
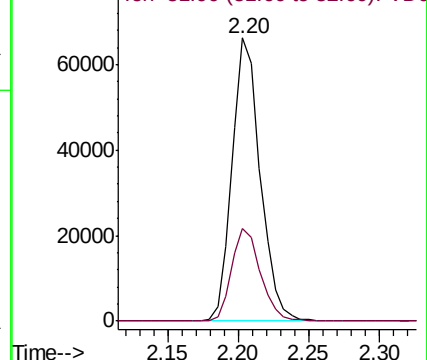
50 100

52 32.7 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.043 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066160.D

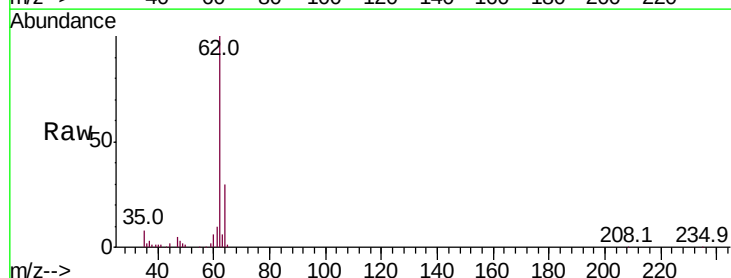
Acq: 07 Aug 2020 16:20

Tgt Ion: 62 Resp: 86812

Ion Ratio Lower Upper

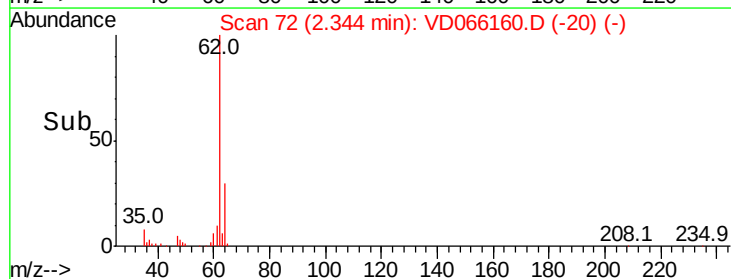
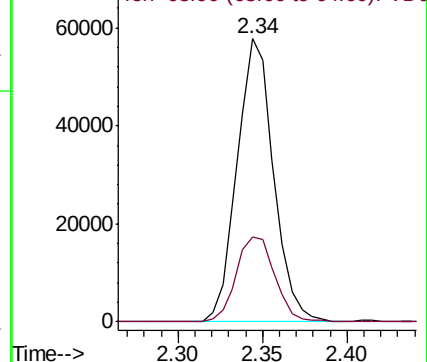
62 100

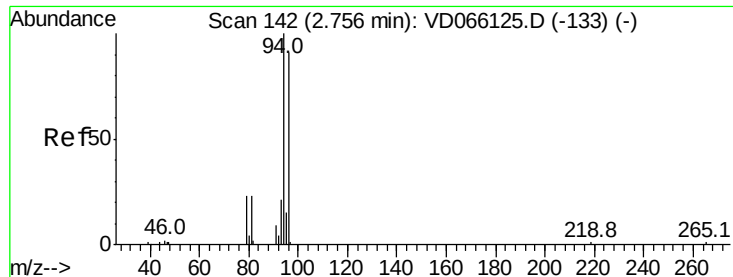
64 30.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.883 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

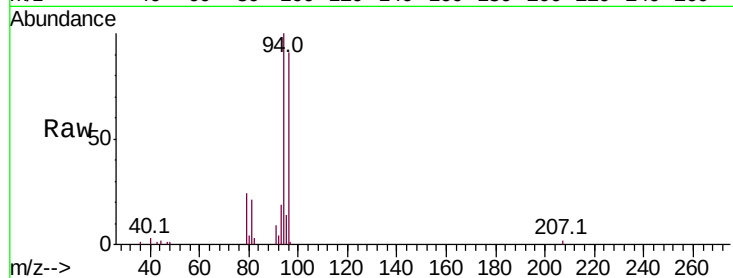
VSTDCCC050EC

Tot Ion: 94 Resp: 59801

Ion Ratio Lower Upper

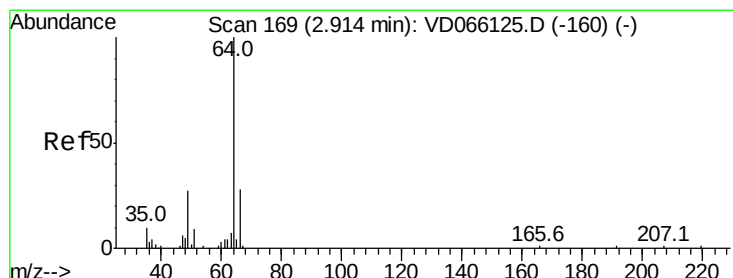
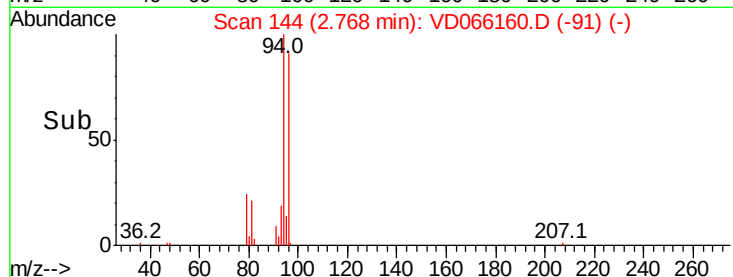
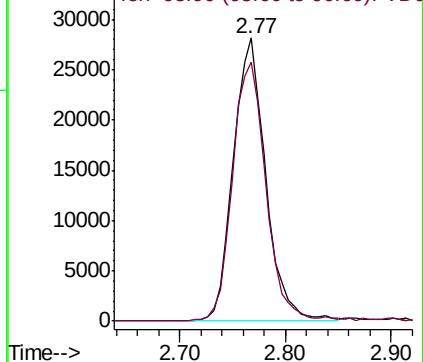
94 100

96 91.3 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: 48.860 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066160.D

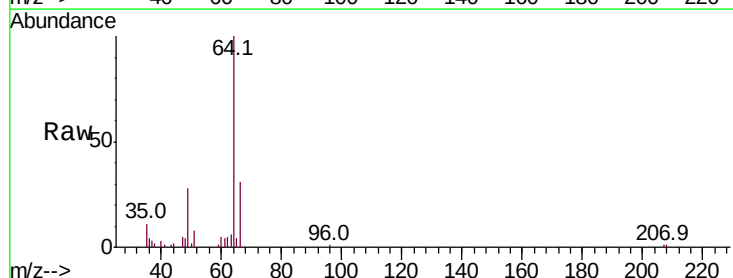
Acq: 07 Aug 2020 16:20

Tgt Ion: 64 Resp: 54195

Ion Ratio Lower Upper

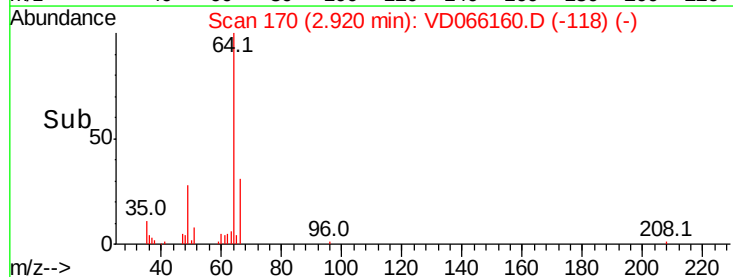
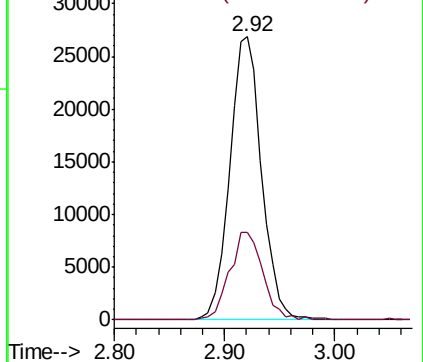
64 100

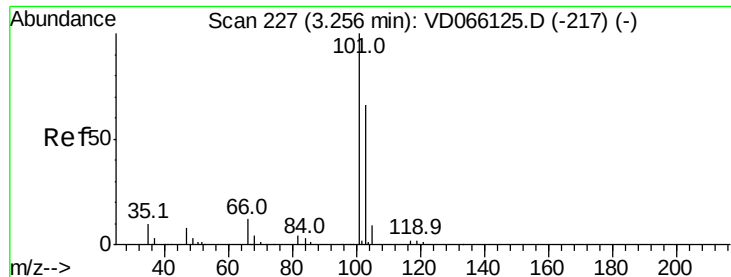
66 31.0 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



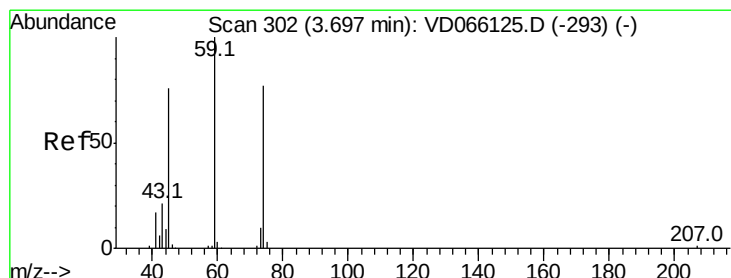
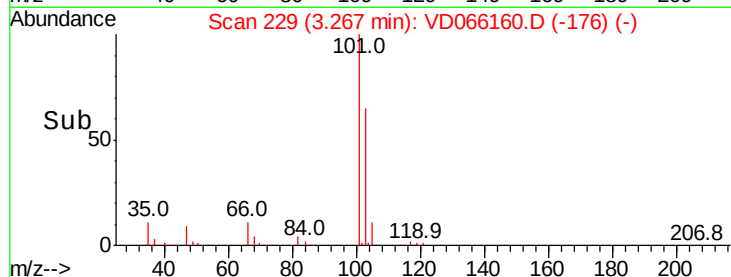
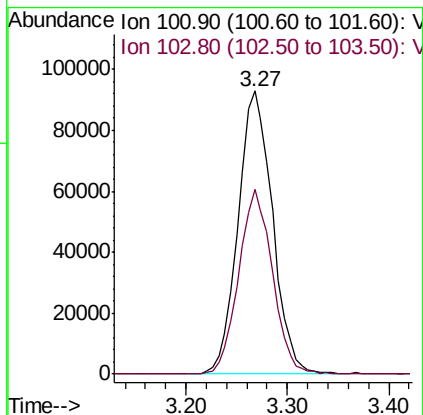
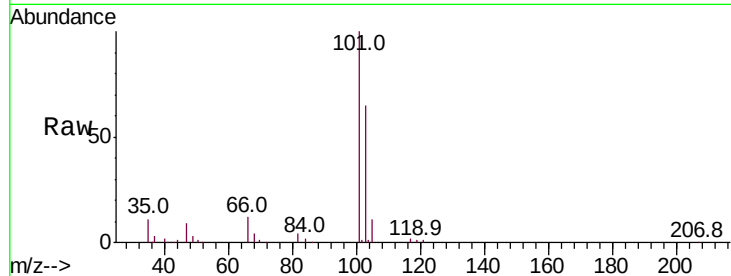


#7

Trichlorofluoromethane
 Concen: 46.546 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

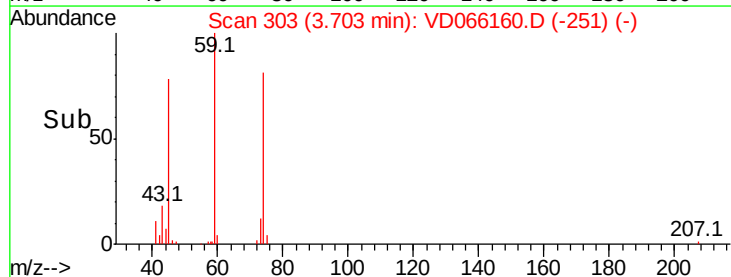
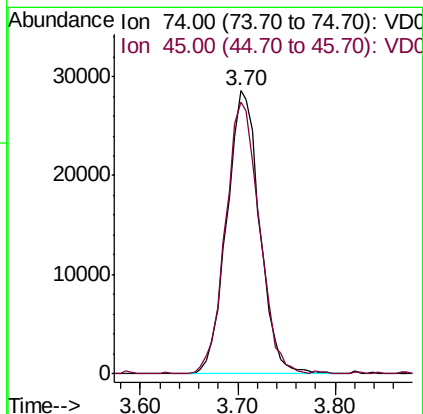
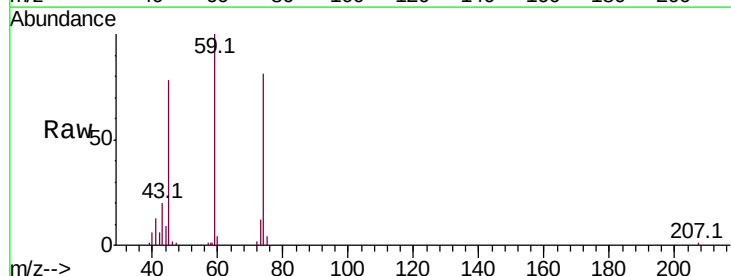
Tot Ion:101 Resp: 219271
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.0 79.6

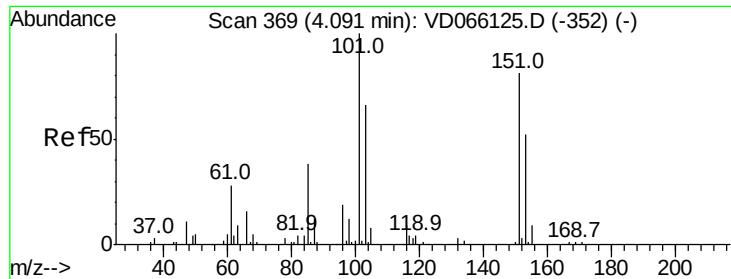


#8

Diethyl Ether
 Concen: 50.092 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 74 Resp: 66584
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.441 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

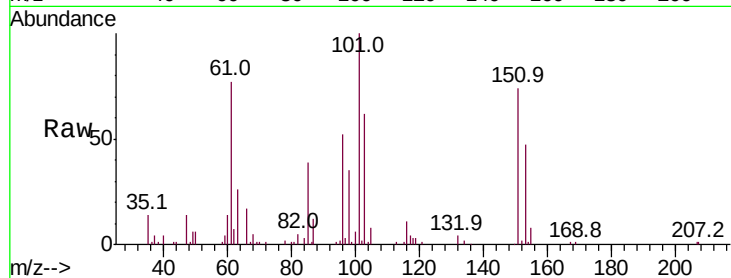
Tot Ion:101 Resp: 132634

Ion Ratio Lower Upper

101 100

85 41.4 33.5 50.3

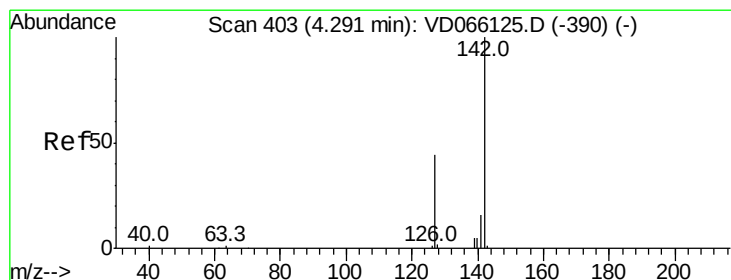
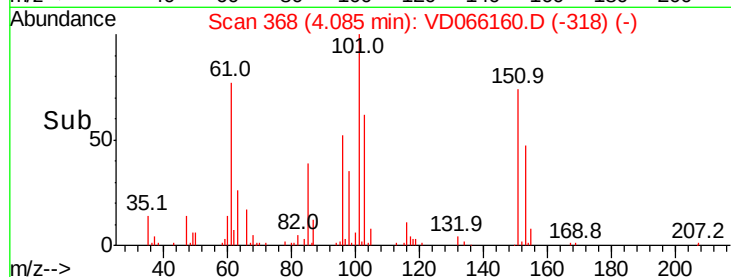
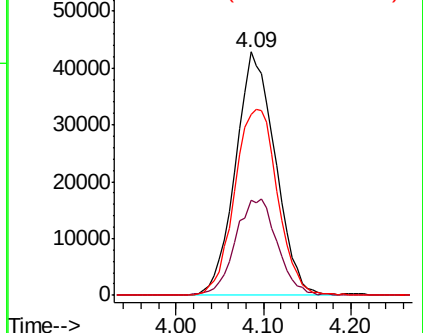
151 82.6 67.8 101.8



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: 54.767 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

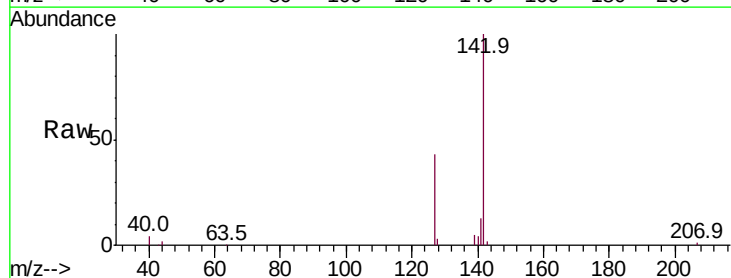
Tgt Ion:142 Resp: 141280

Ion Ratio Lower Upper

142 100

127 43.0 36.2 54.4

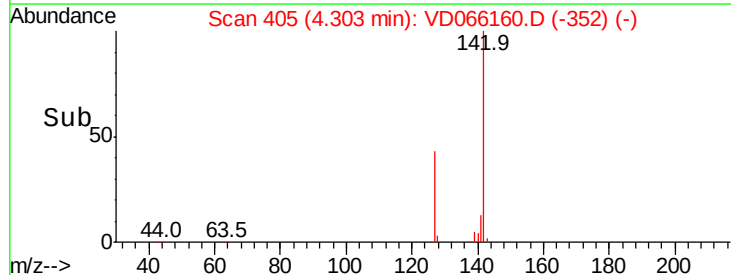
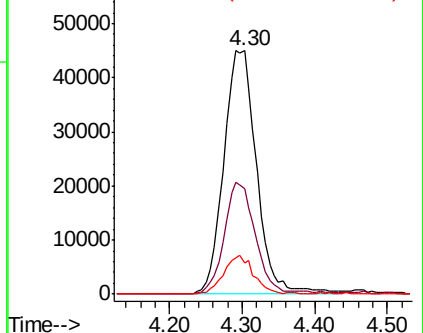
141 14.5 12.6 18.8

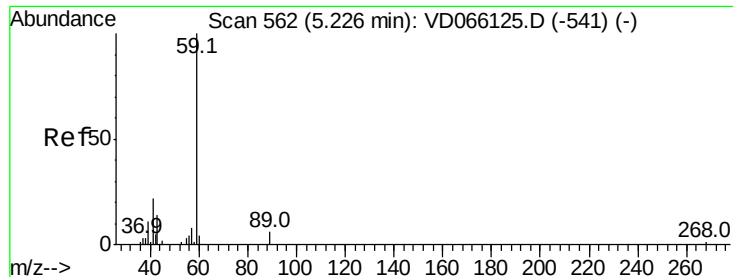


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



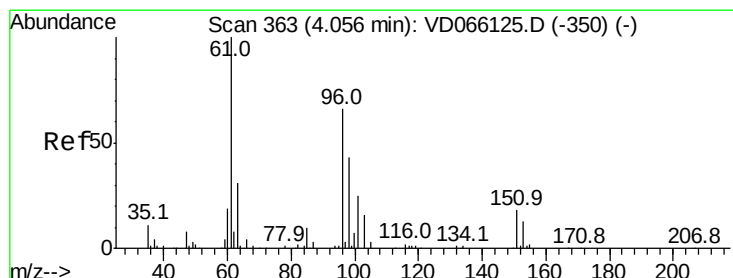
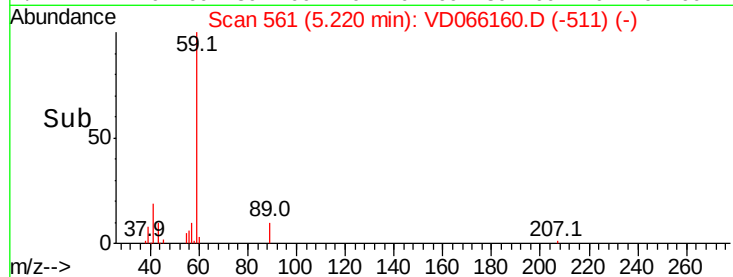
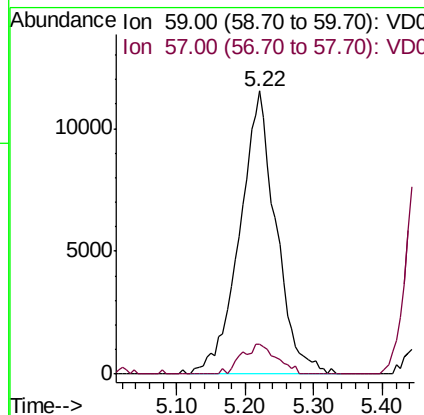
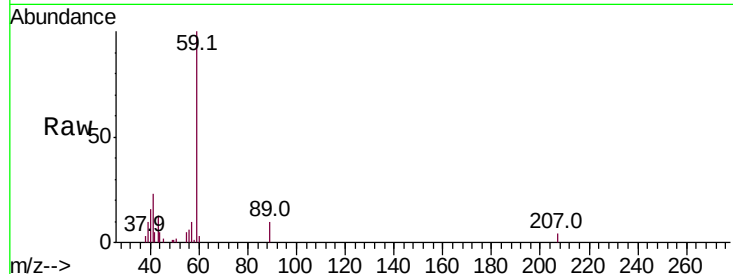


#11

Tert butyl alcohol
Concen: 207.515 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

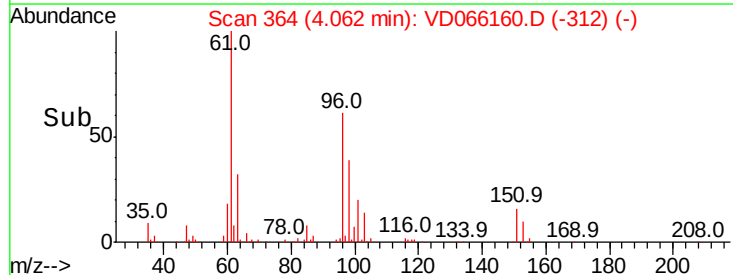
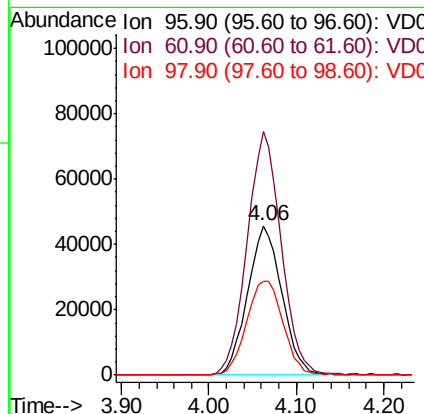
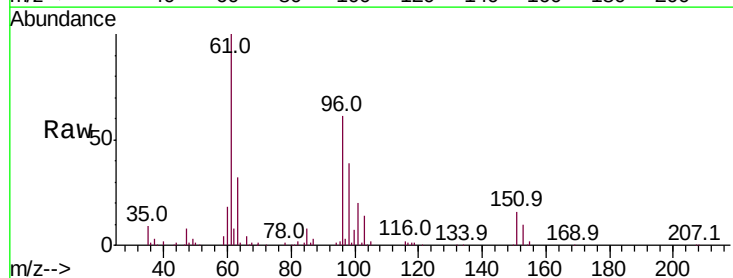
Tot Ion: 59 Resp: 42450
Ion Ratio Lower Upper
59 100
57 10.2 7.0 10.4

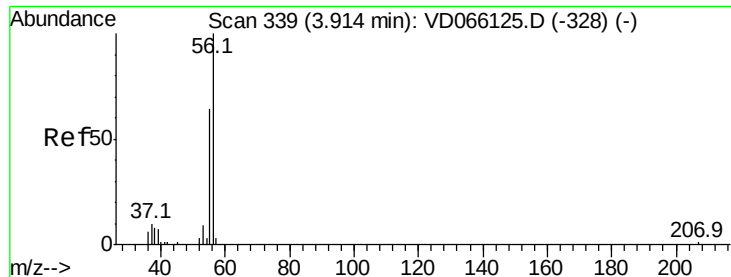


#12

1,1-Dichloroethene
Concen: 46.256 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 96 Resp: 121996
Ion Ratio Lower Upper
96 100
61 163.0 121.6 182.4
98 63.2 52.0 78.0

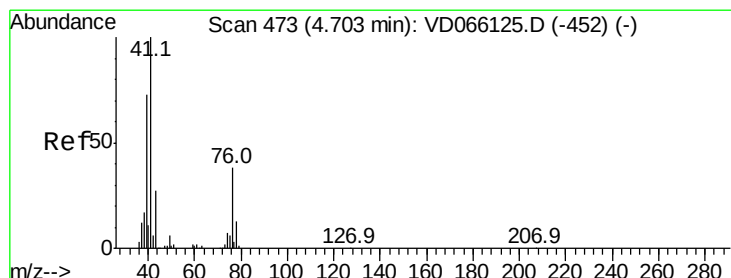
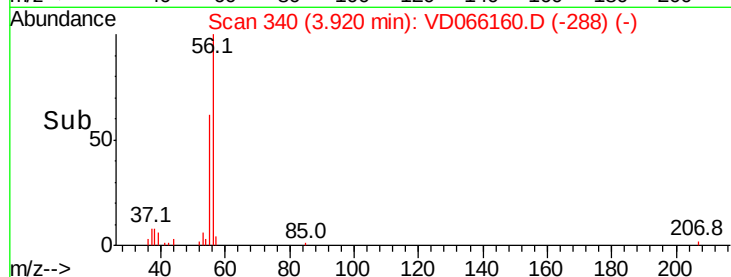
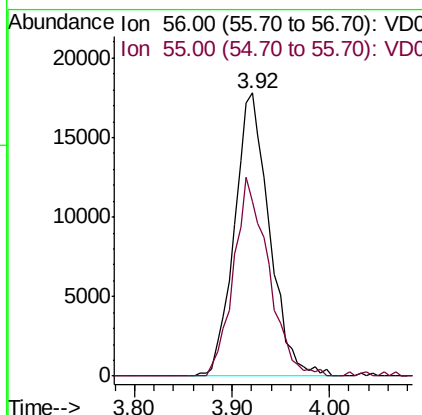
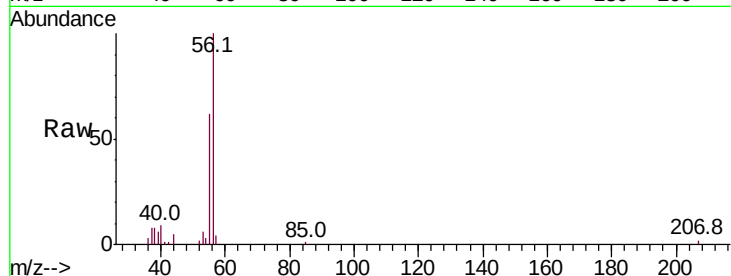




#13
Acrolein
Concen: 210.738 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

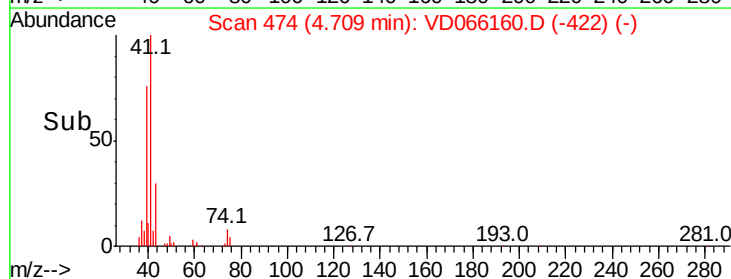
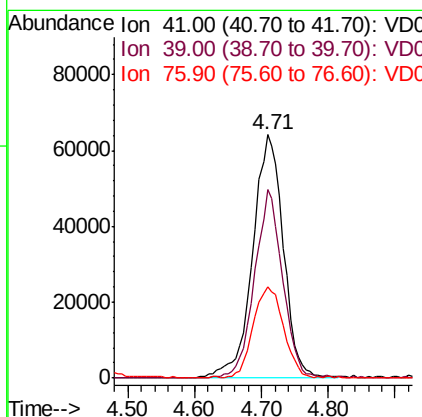
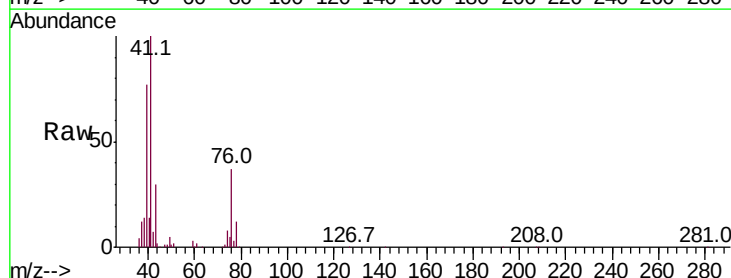
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

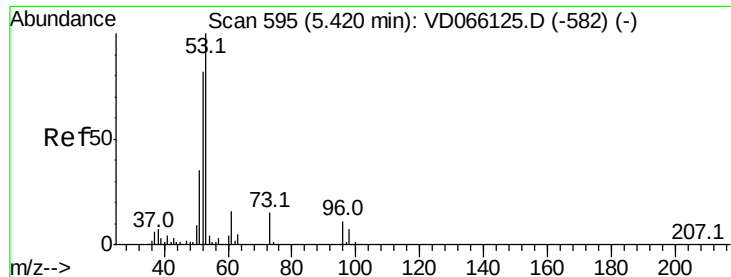
Tot Ion: 56 Resp: 44567
Ion Ratio Lower Upper
56 100
55 69.9 56.7 85.1



#14
Allyl chloride
Concen: 50.820 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 41 Resp: 203056
Ion Ratio Lower Upper
41 100
39 70.5 57.4 86.0
76 36.4 30.1 45.1





#15

Acrylonitrile

Concen: 252.640 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

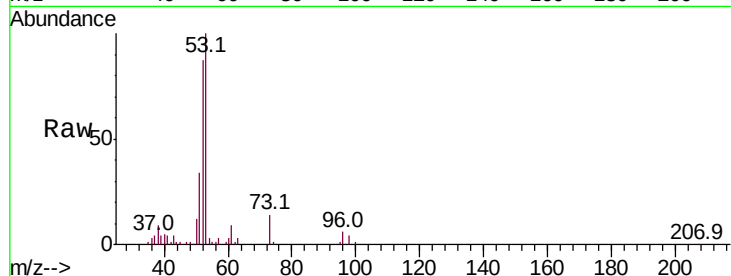
Tot Ion: 53 Resp: 141511

Ion Ratio Lower Upper

53 100

52 81.5 66.1 99.1

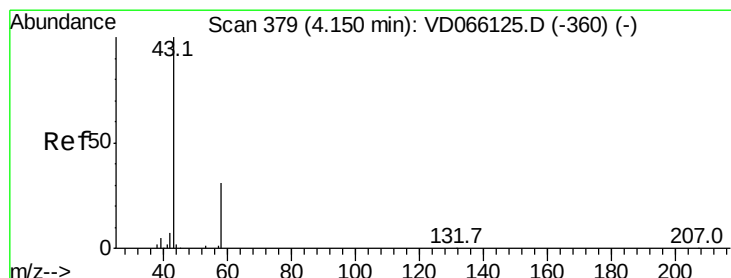
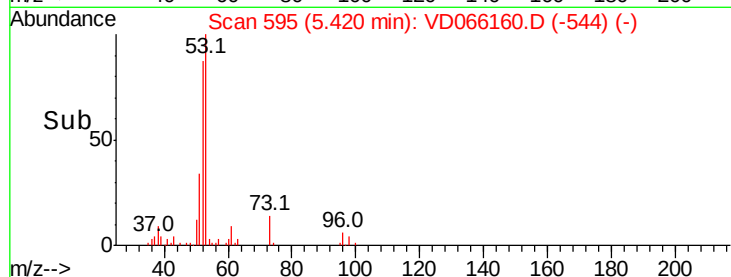
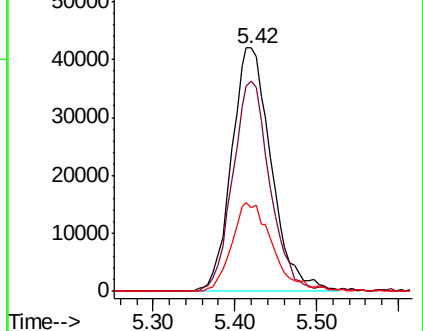
51 37.4 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 240.627 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066160.D

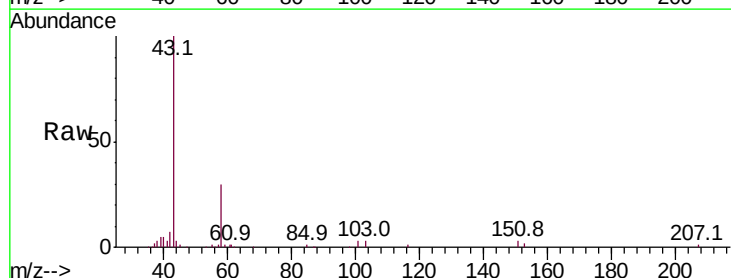
Acq: 07 Aug 2020 16:20

Tgt Ion: 43 Resp: 121305

Ion Ratio Lower Upper

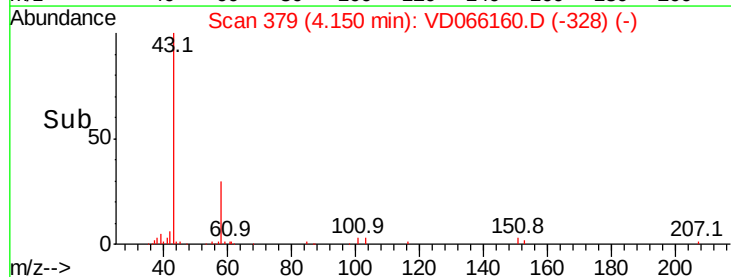
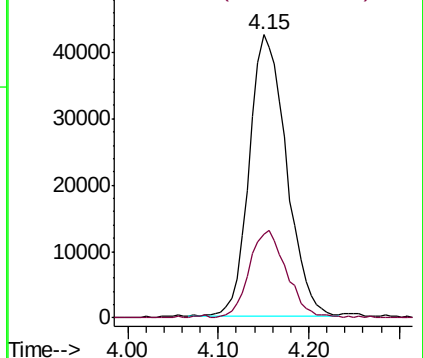
43 100

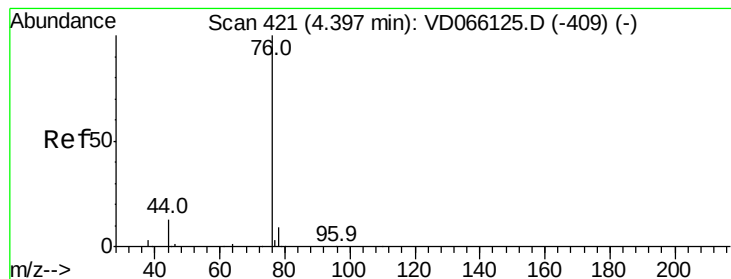
58 29.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 45.798 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

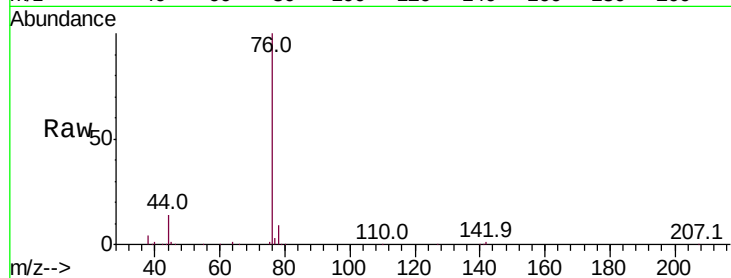
VSTDCCC050EC

Tot Ion: 76 Resp: 384044

Ion Ratio Lower Upper

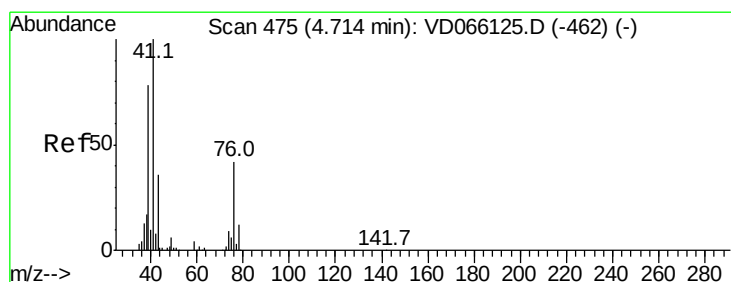
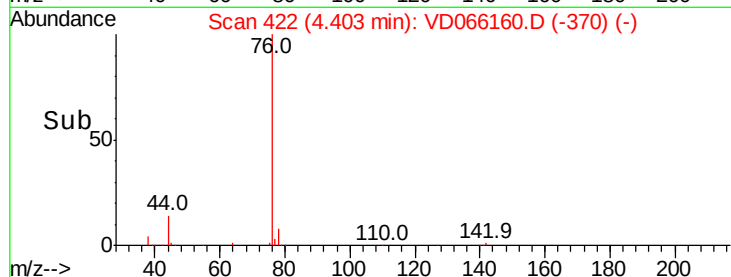
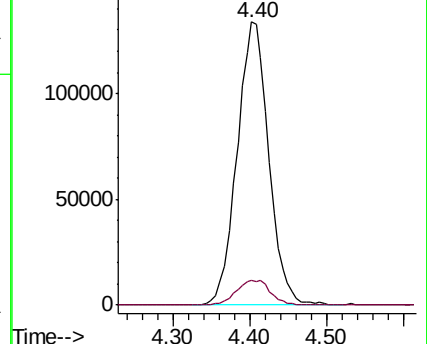
76 100

78 8.7 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: 47.684 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066160.D

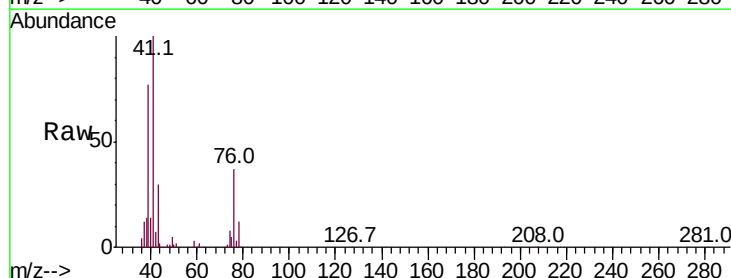
Acq: 07 Aug 2020 16:20

Tgt Ion: 43 Resp: 61059

Ion Ratio Lower Upper

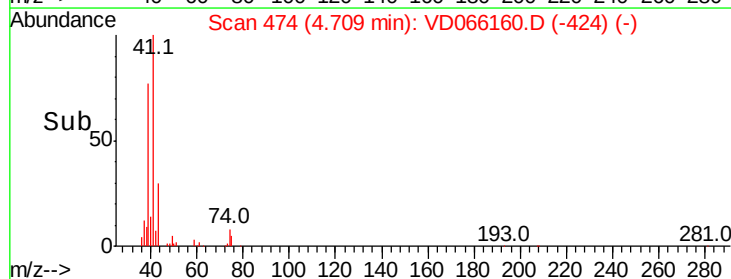
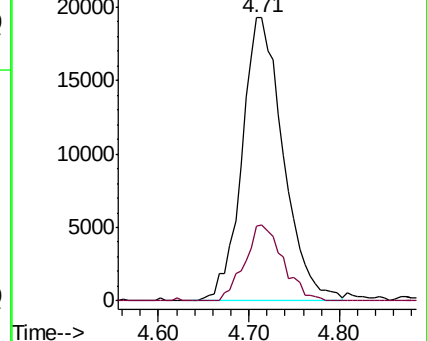
43 100

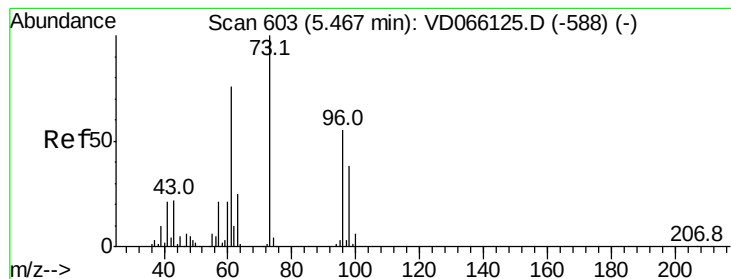
74 24.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



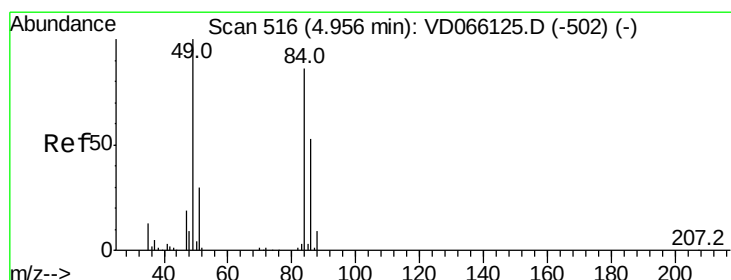
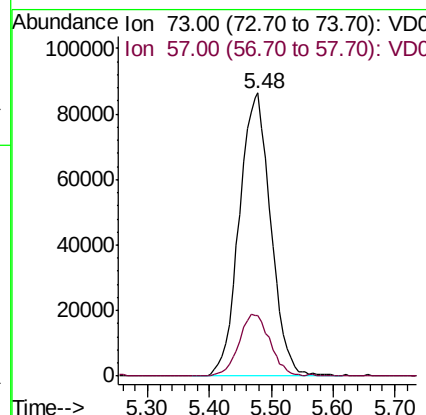
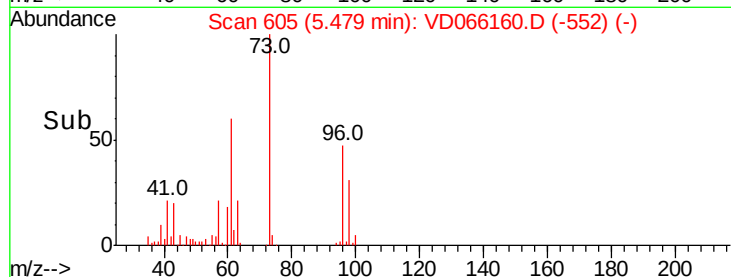
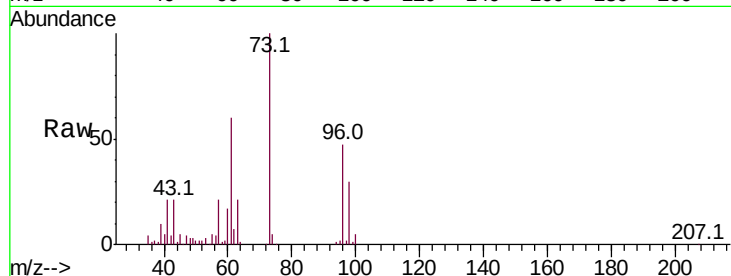


#19

Methyl tert-butyl Ether
 Concen: 50.708 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

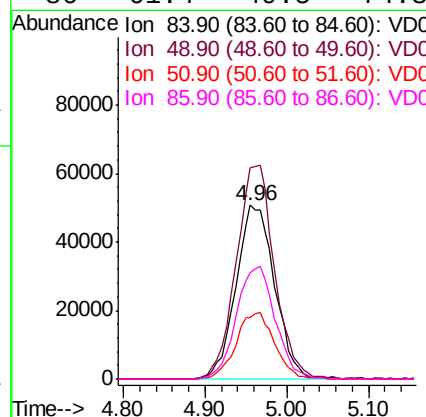
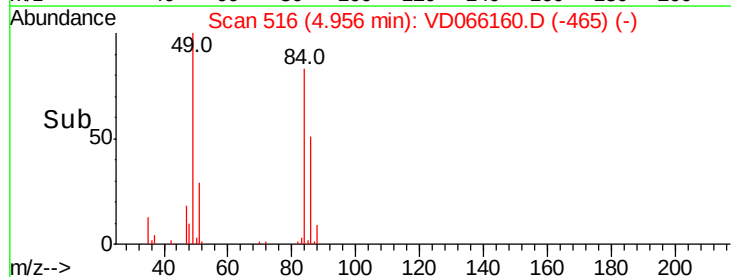
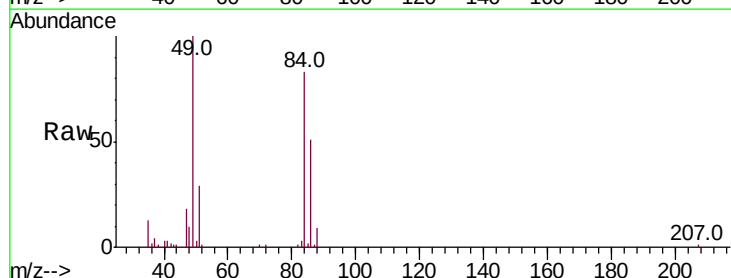
Tot Ion: 73 Resp: 306534
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.1 25.7

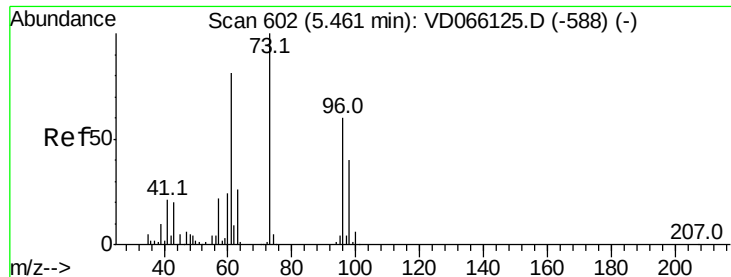


#20

Methylene Chloride
 Concen: 58.472 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 84 Resp: 166996
 Ion Ratio Lower Upper
 84 100
 49 121.2 93.5 140.3
 51 35.5 28.2 42.4
 86 61.4 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 48.577 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

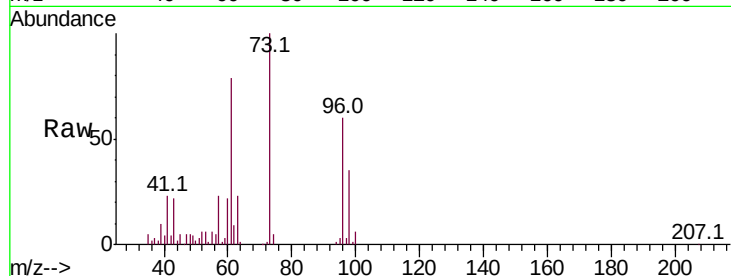
Tot Ion: 96 Resp: 147177

Ion Ratio Lower Upper

96 100

61 131.3 106.9 160.3

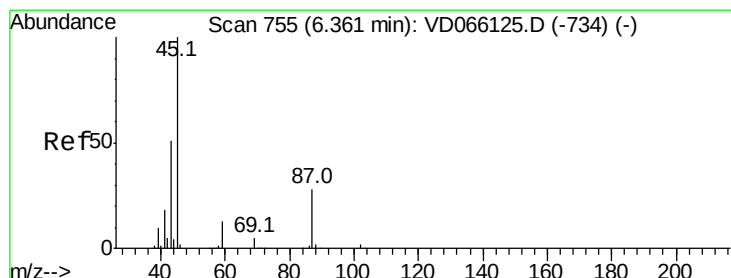
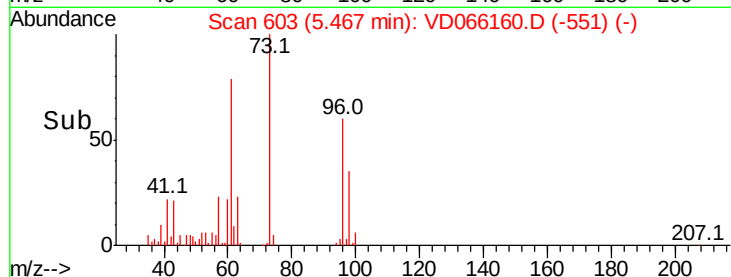
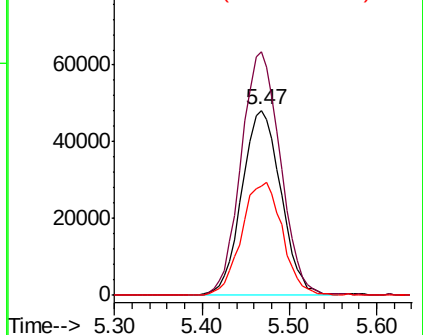
98 59.1 53.4 80.0



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: 53.408 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion: 45 Resp: 421993

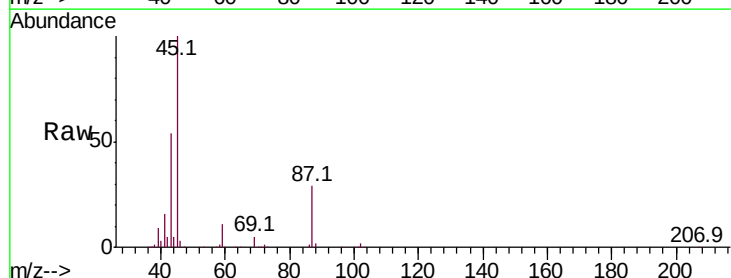
Ion Ratio Lower Upper

45 100

43 52.6 41.2 61.8

87 29.0 22.8 34.2

59 10.7 10.2 15.2

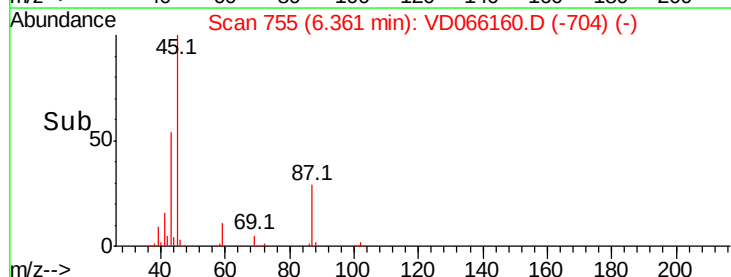
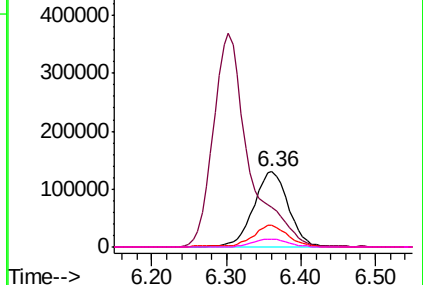


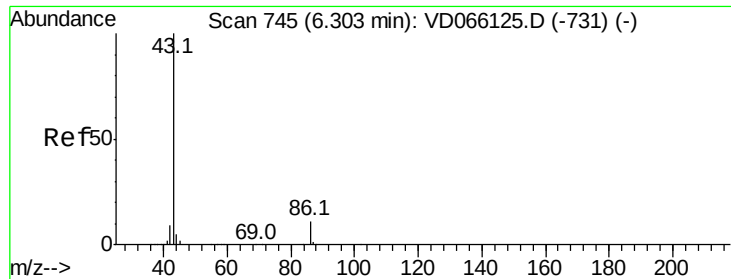
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 264.127 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

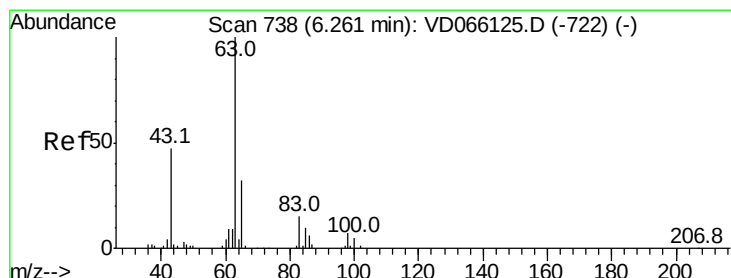
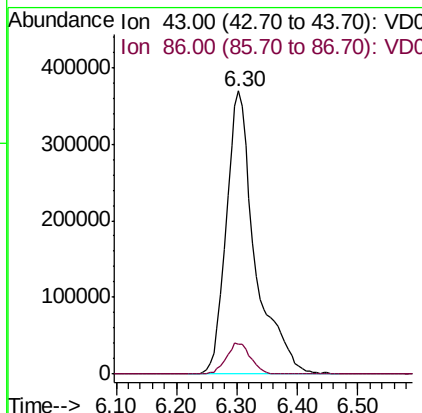
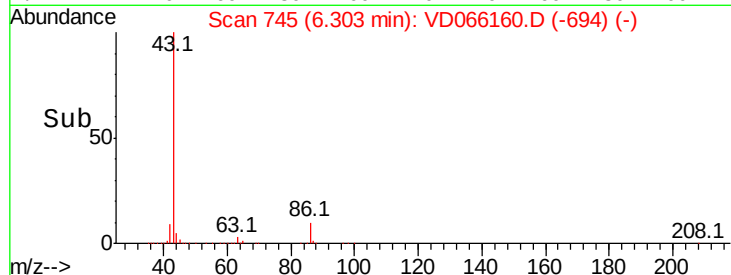
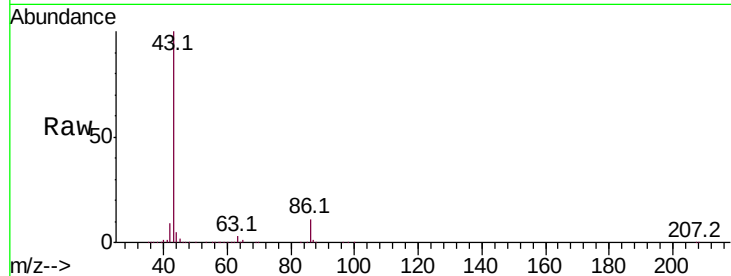
VSTDCCC050EC

Tot Ion: 43 Resp: 1222616

Ion Ratio Lower Upper

43 100

86 10.5 9.1 13.7



#24

1,1-Dichloroethane

Concen: 51.329 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

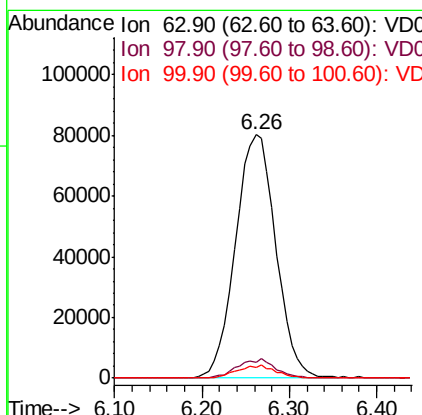
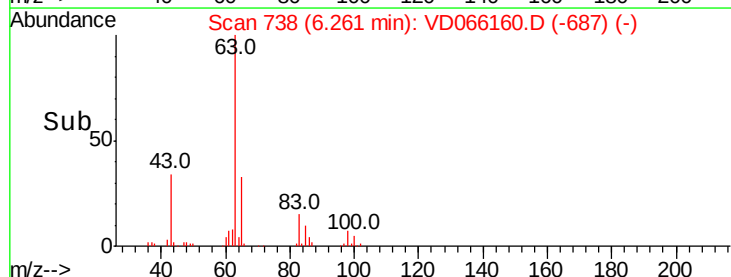
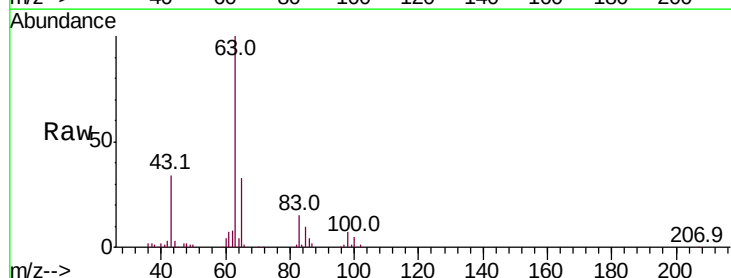
Tgt Ion: 63 Resp: 250991

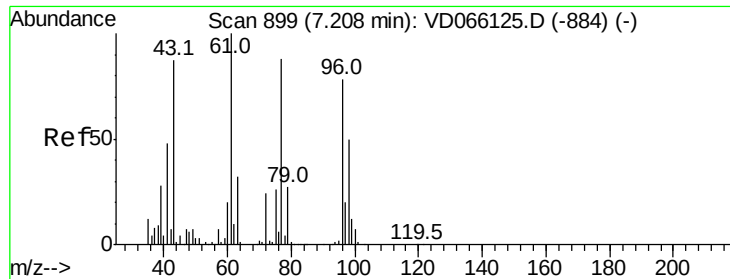
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 236.879 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

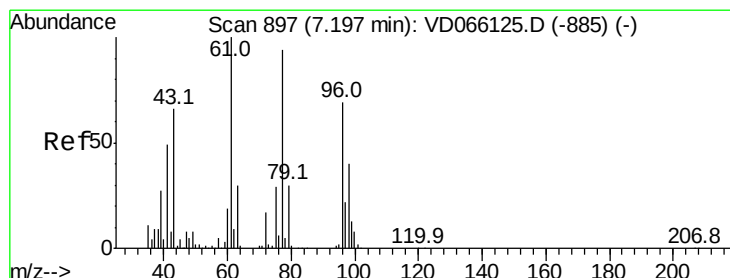
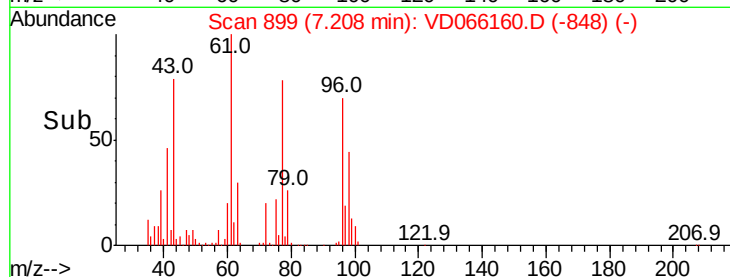
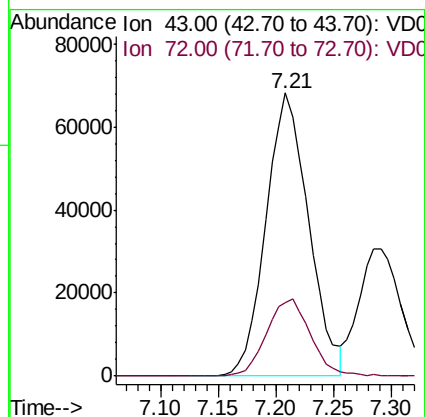
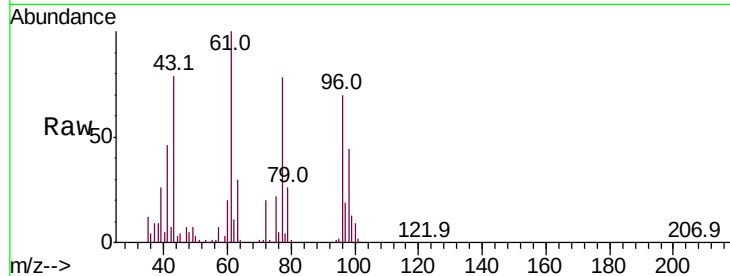
VSTDCCC050EC

Tot Ion: 43 Resp: 175638

Ion Ratio Lower Upper

43 100

72 25.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 48.170 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066160.D

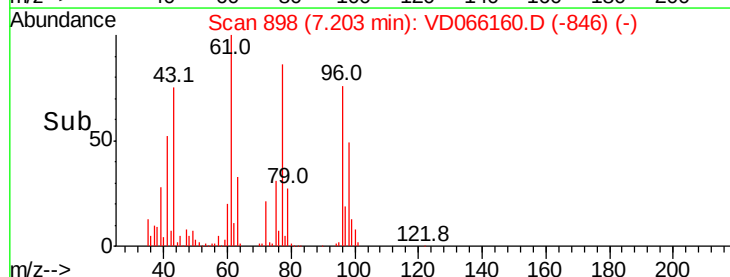
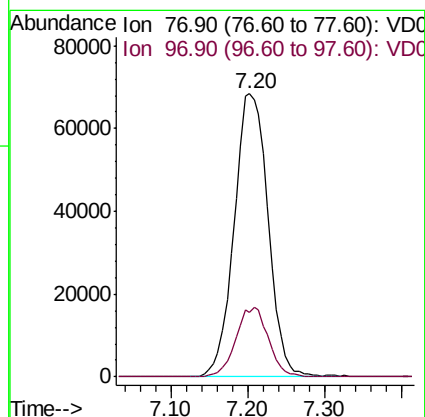
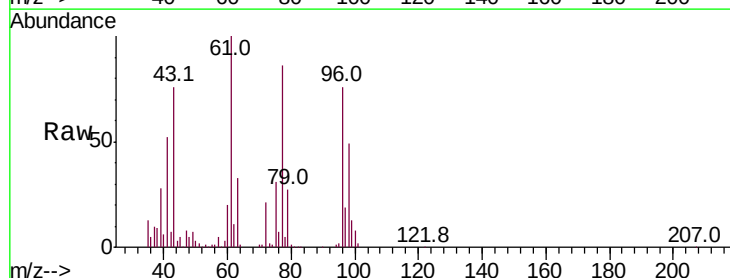
Acq: 07 Aug 2020 16:20

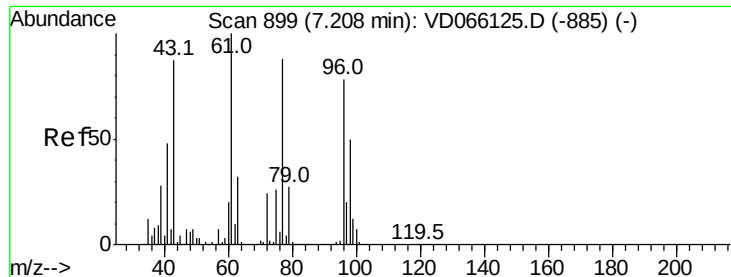
Tgt Ion: 77 Resp: 211112

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3



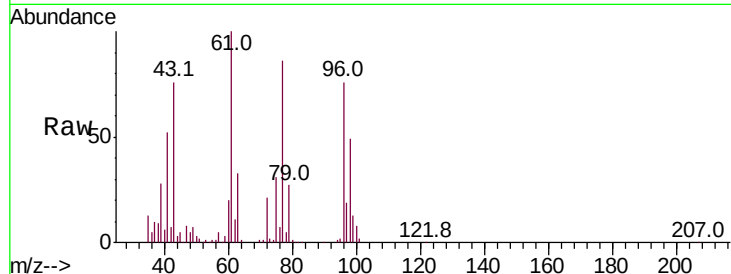


#27

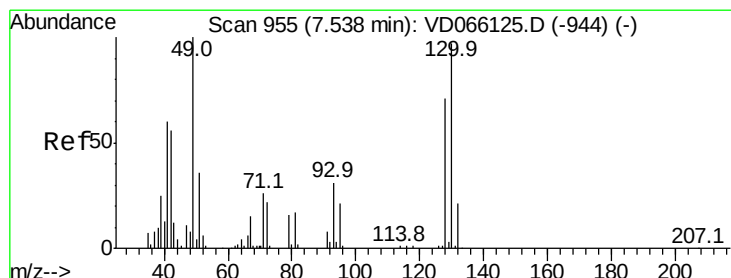
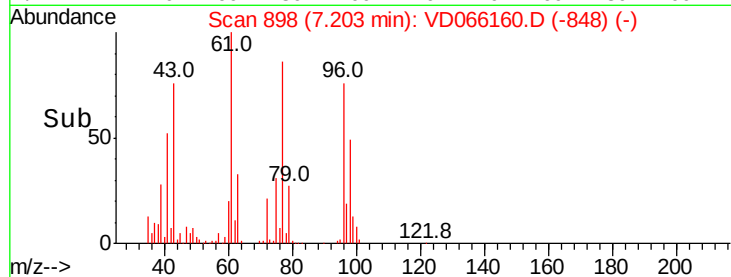
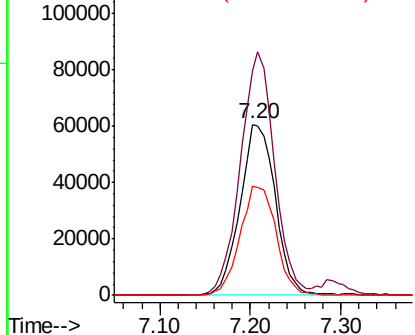
cis-1,2-Dichloroethene
 Concen: 51.539 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 163782
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 281.6
 98 65.2 0.0 130.8



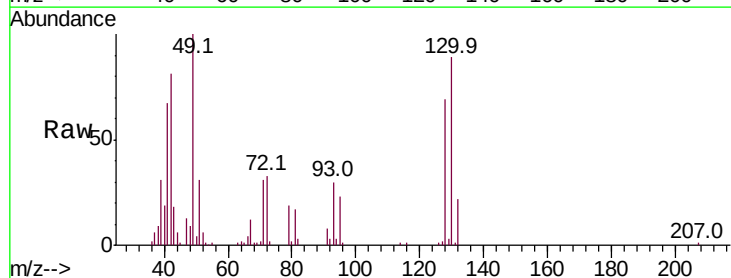
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



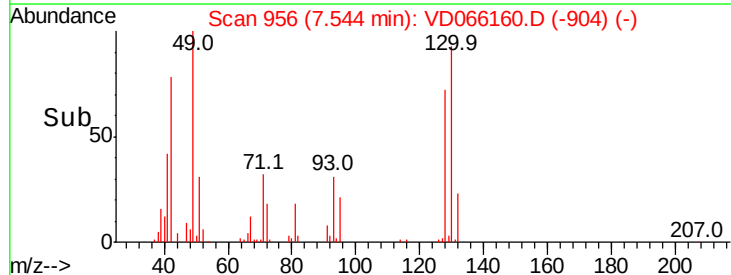
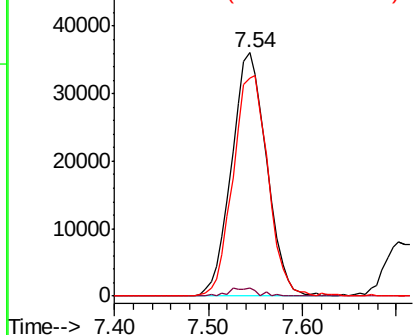
#28

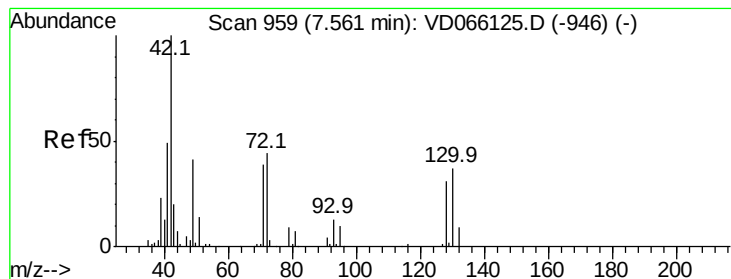
Bromochloromethane
 Concen: 54.396 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 49 Resp: 93422
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 90.1 73.8 110.6



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





#29

Tetrahydrofuran

Concen: 252.839 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

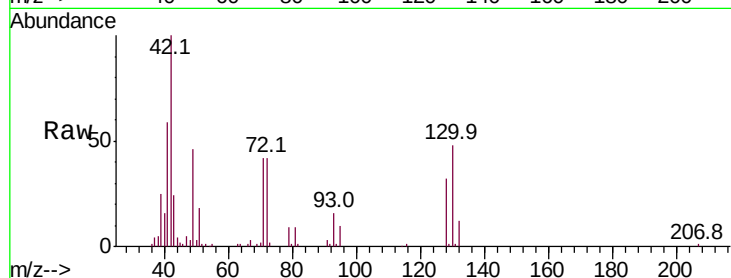
Tot Ion: 42 Resp: 116151

Ion Ratio Lower Upper

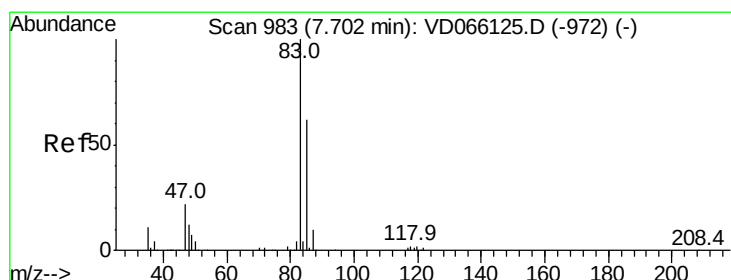
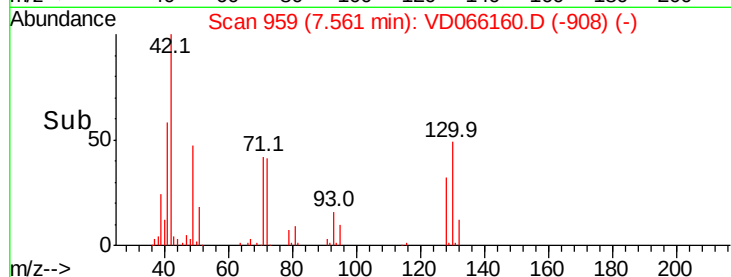
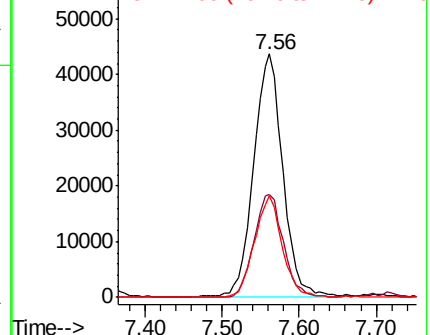
42 100

72 42.2 34.8 52.2

71 39.6 33.5 50.3



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



#30

Chloroform

Concen: 50.742 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066160.D

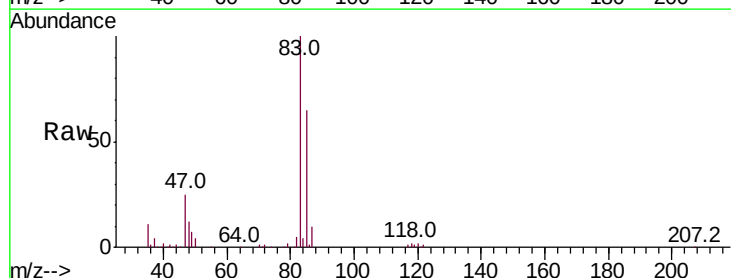
Acq: 07 Aug 2020 16:20

Tgt Ion: 83 Resp: 260534

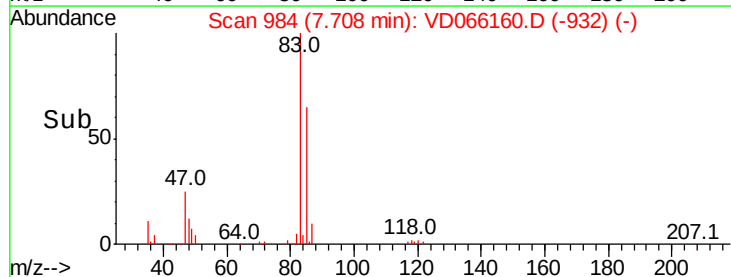
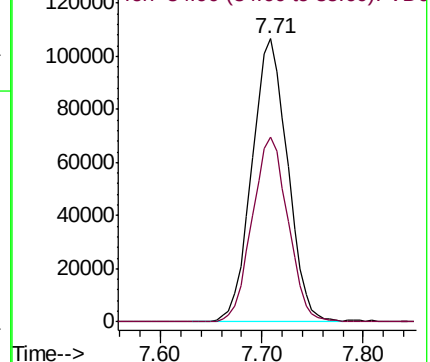
Ion Ratio Lower Upper

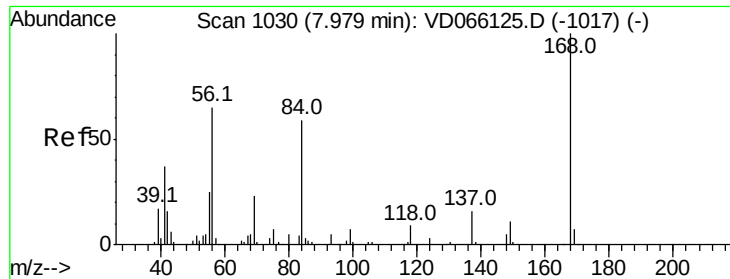
83 100

85 65.3 49.5 74.3



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

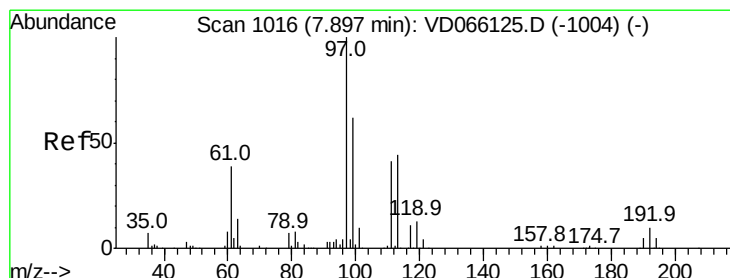
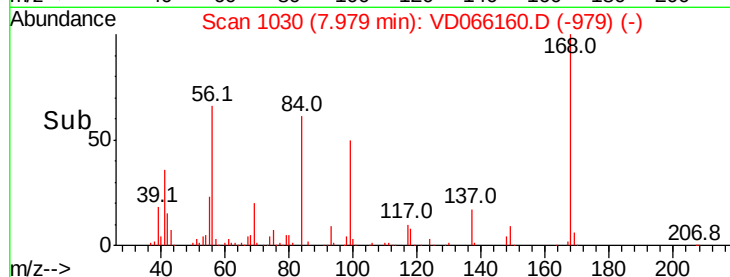
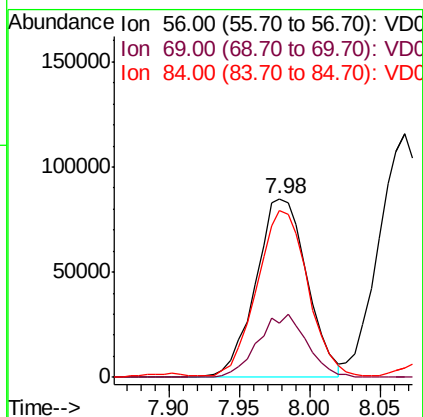
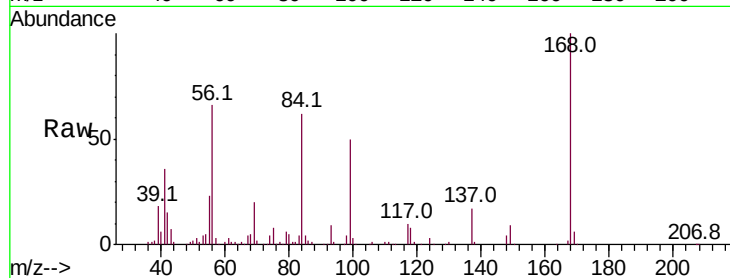




#31
Cyclohexane
Concen: 46.450 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

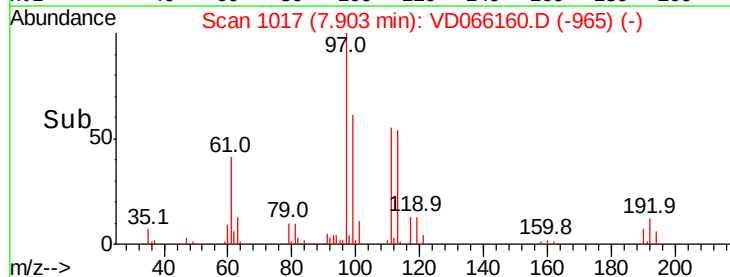
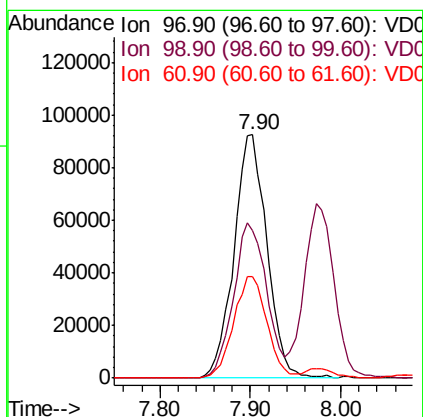
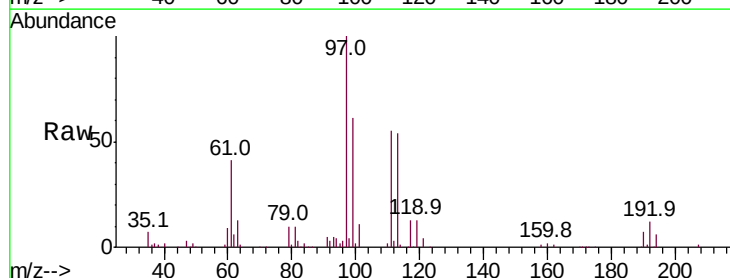
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

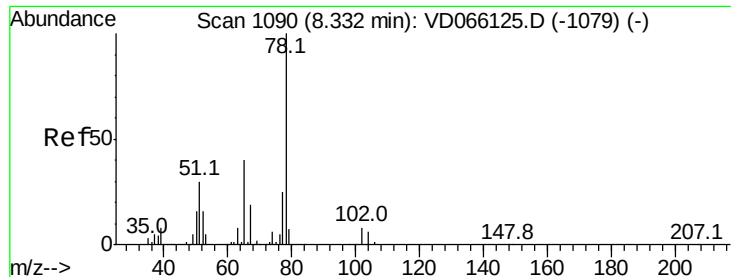
Tot Ion: 56 Resp: 216210
Ion Ratio Lower Upper
56 100
69 30.2 28.8 43.2
84 92.7 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 48.607 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 97 Resp: 234003
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.2 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 52.801 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

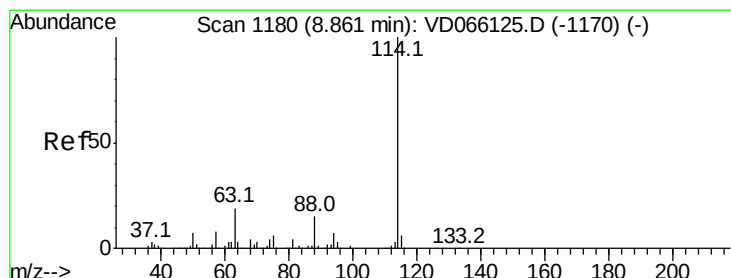
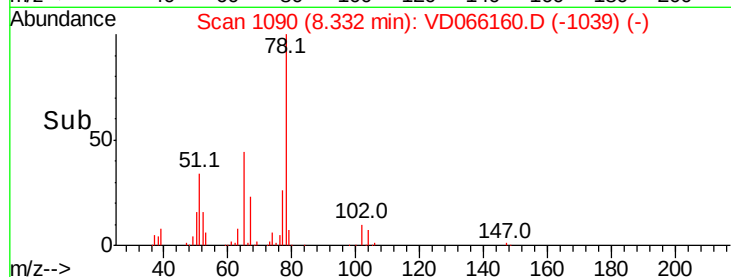
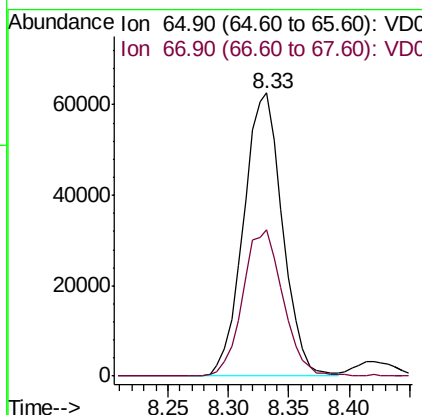
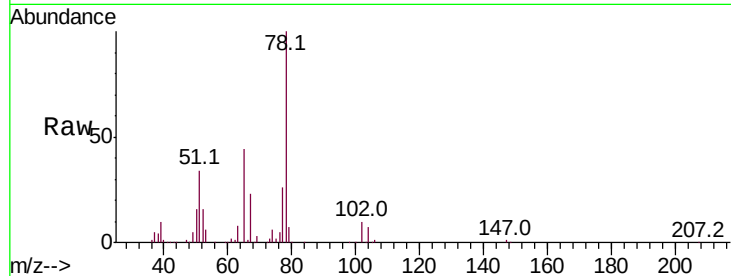
Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 140285

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

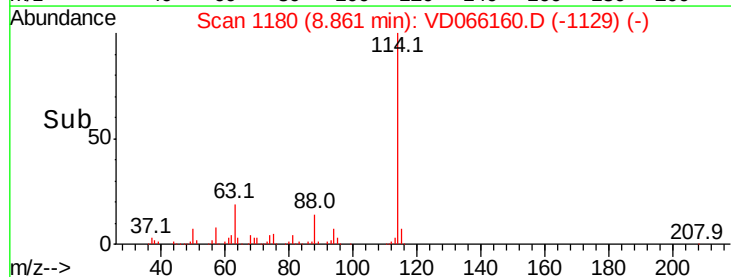
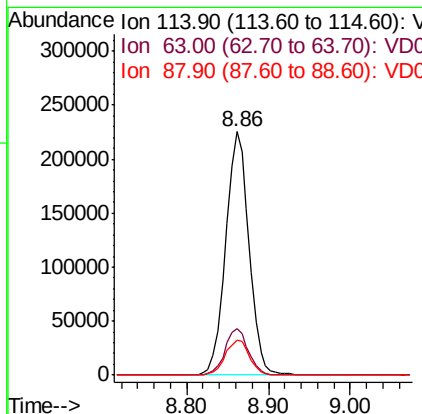
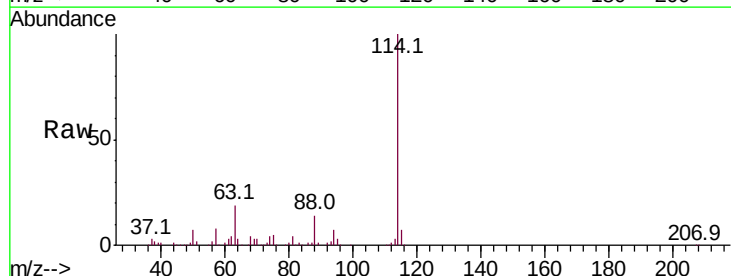
Delta R.T. 0.00 min

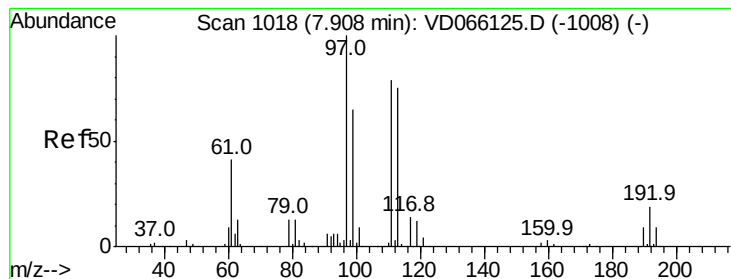
Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion: 114 Resp: 447396

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	14.4	0.0	30.0





#35

Dibromofluoromethane

Concen: 51.262 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

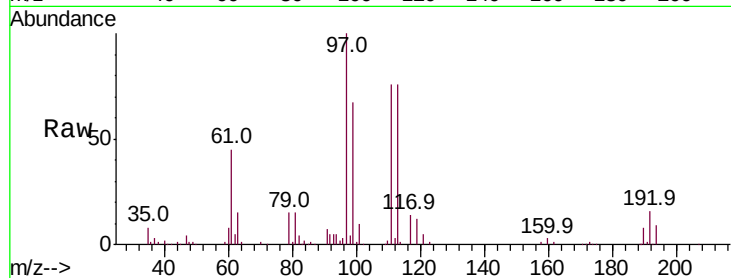
Tot Ion:113 Resp: 145287

Ion Ratio Lower Upper

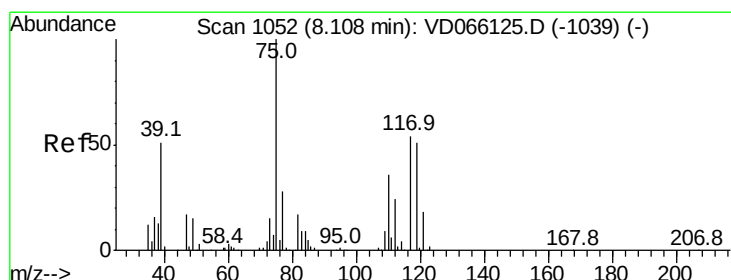
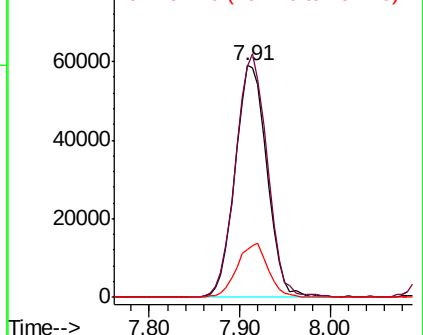
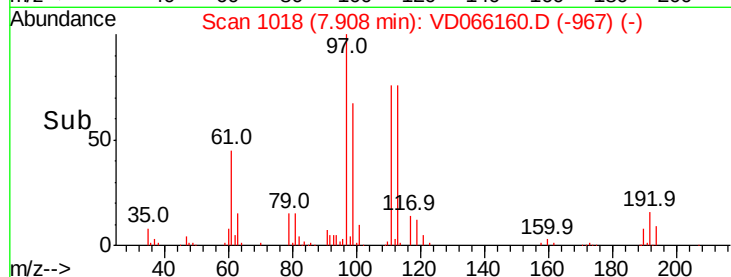
113 100

111 103.8 80.7 121.1

192 22.4 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: 47.250 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

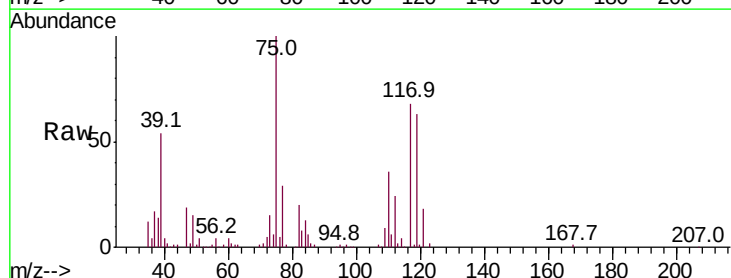
Tgt Ion: 75 Resp: 198648

Ion Ratio Lower Upper

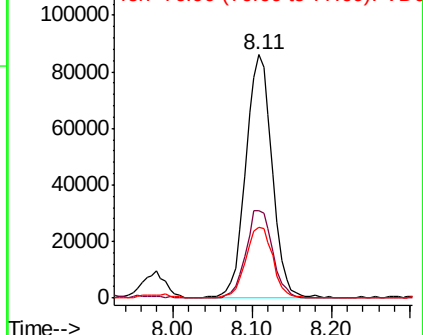
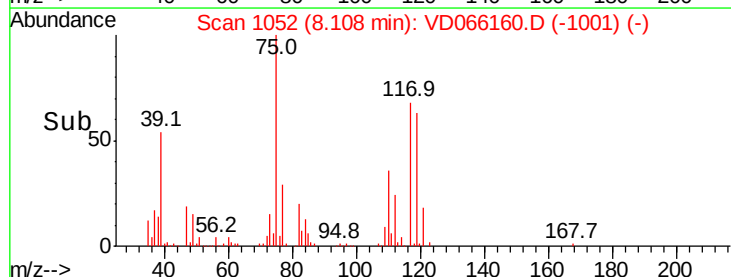
75 100

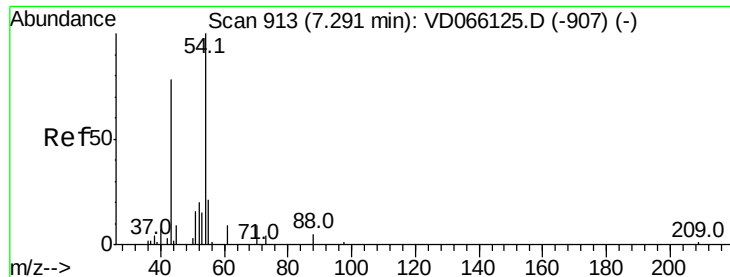
110 36.8 18.8 56.3

77 30.2 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

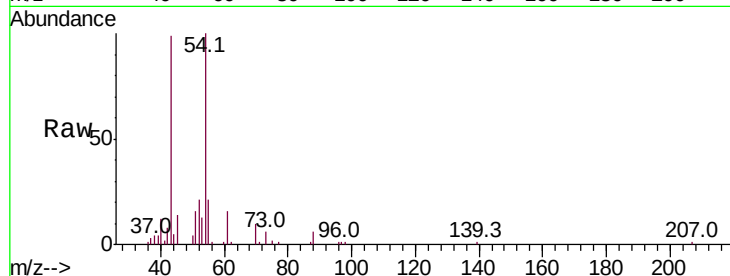




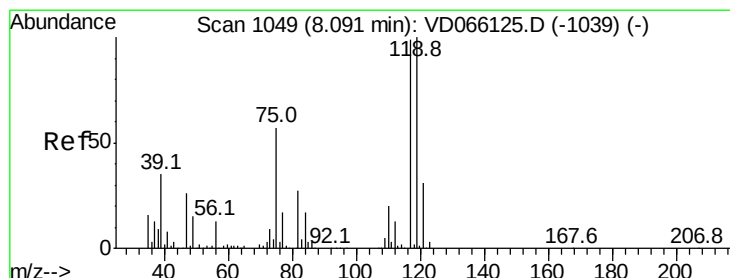
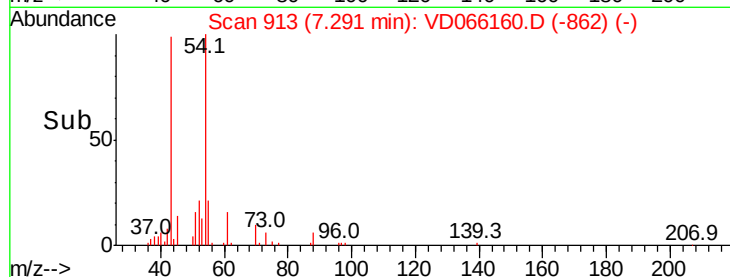
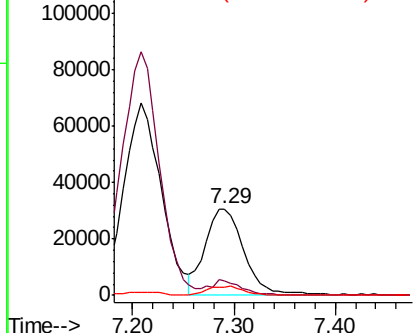
#37
Ethyl Acetate
Concen: 48.396 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 80615
Ion Ratio Lower Upper
43 100
61 14.1 12.0 18.0
70 10.5 9.7 14.5

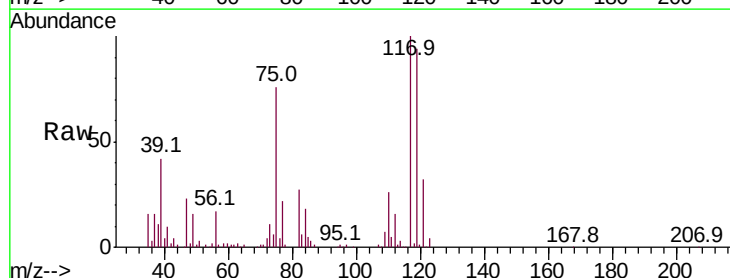


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

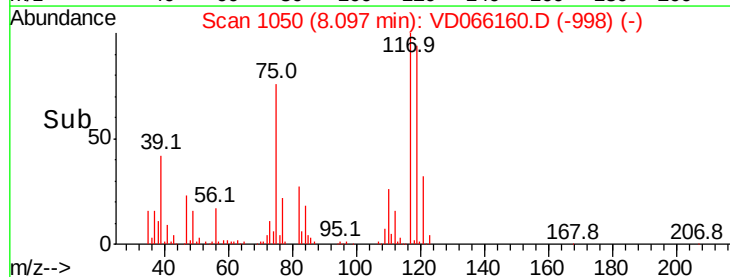
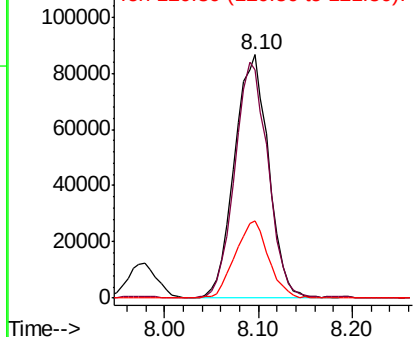


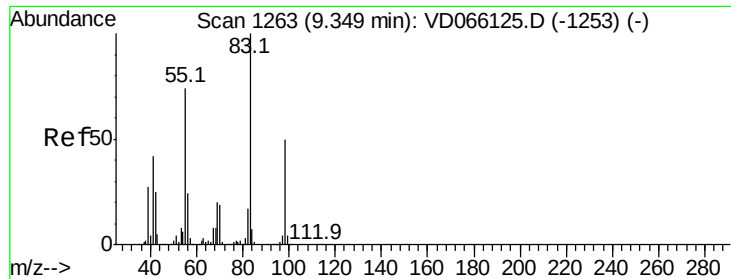
#38
Carbon Tetrachloride
Concen: 46.516 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 117 Resp: 218082
Ion Ratio Lower Upper
117 100
119 93.6 81.0 121.4
121 32.0 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

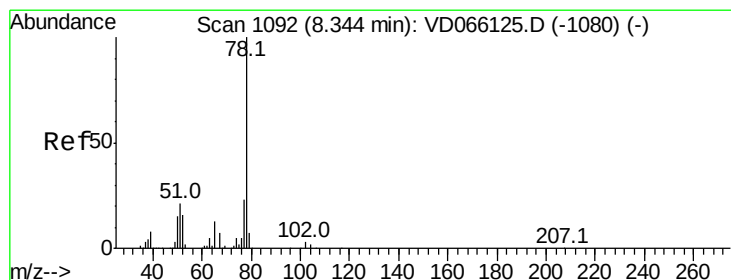
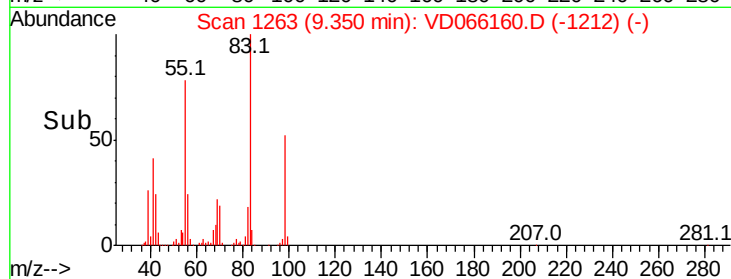
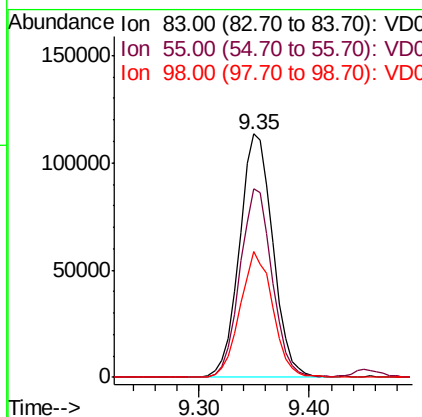
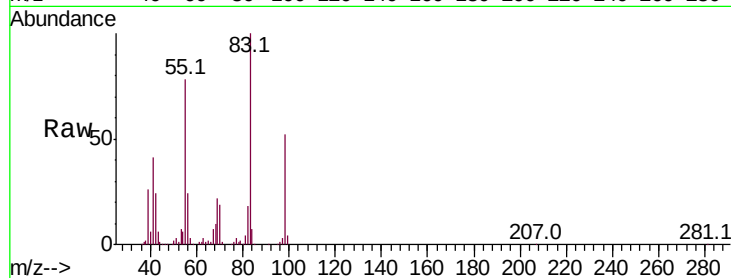




#39
Methylvlcyclohexane
Concen: 47.440 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

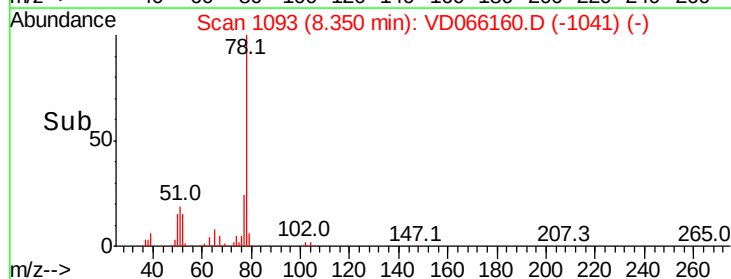
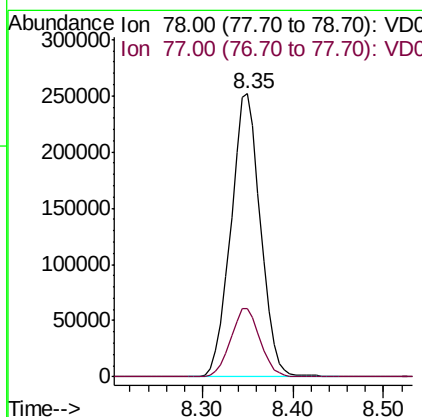
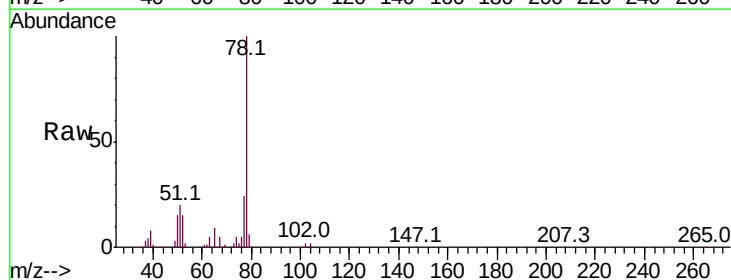
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

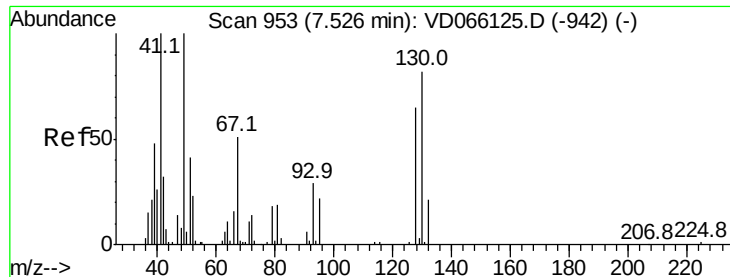
Tot Ion: 83 Resp: 241097
Ion Ratio Lower Upper
83 100
55 77.7 59.2 88.8
98 51.5 39.8 59.6



#40
Benzene
Concen: 48.930 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 78 Resp: 570651
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8

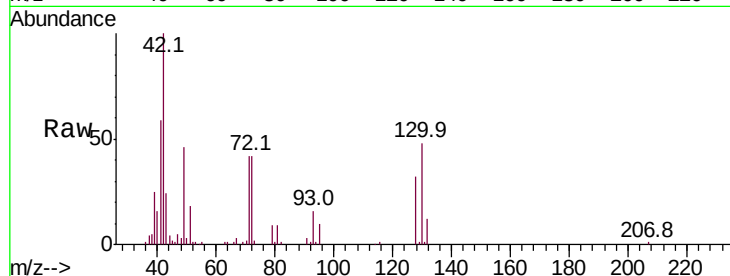




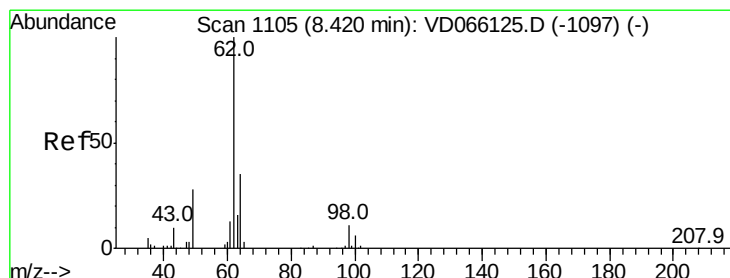
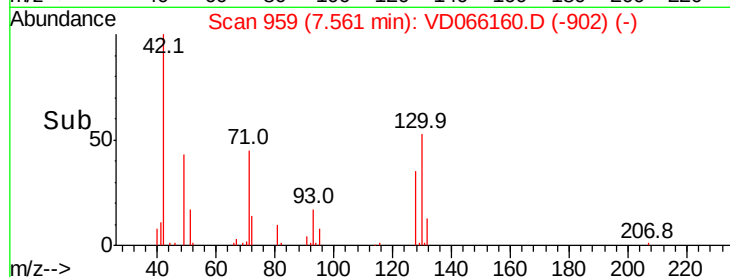
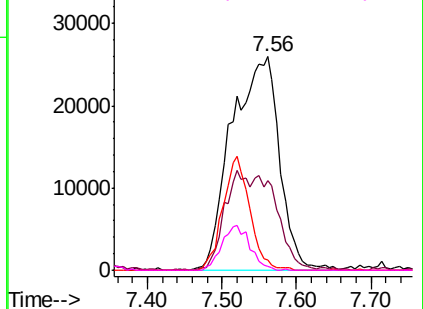
#41
Methacrylonitrile
Concen: 117.706 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 115282
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#

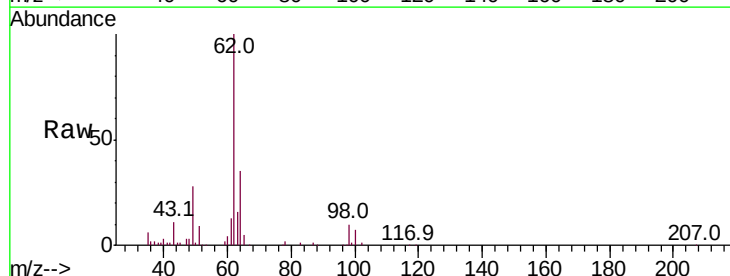


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

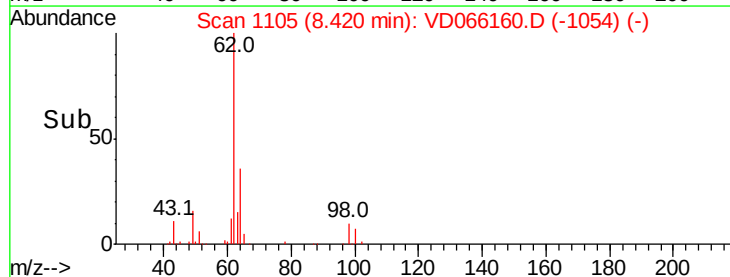
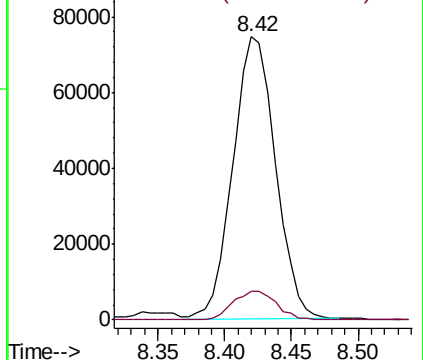


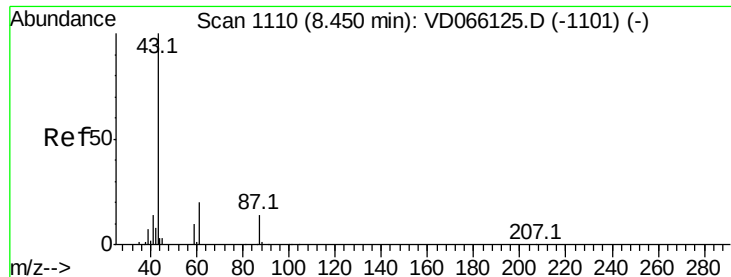
#42
1,2-Dichloroethane
Concen: 48.223 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 62 Resp: 165222
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 48.787 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

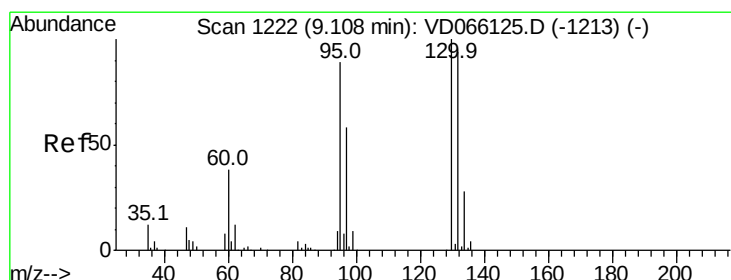
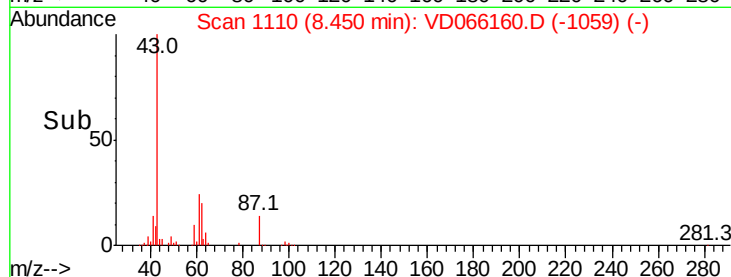
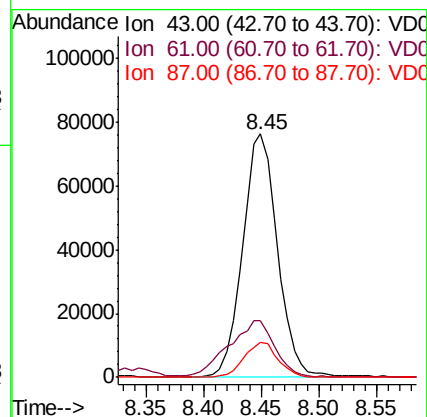
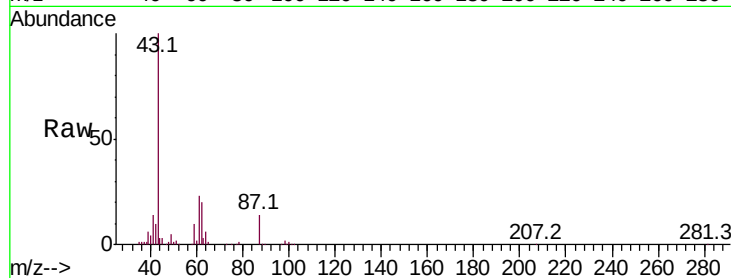
Tot Ion: 43 Resp: 160120

Ion Ratio Lower Upper

43 100

61 30.8 25.5 38.3

87 14.1 11.2 16.8



#44

Trichloroethene

Concen: 47.782 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066160.D

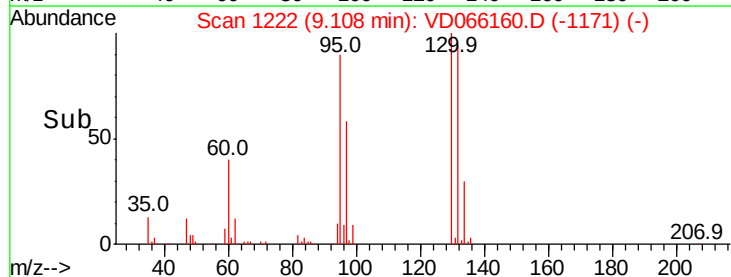
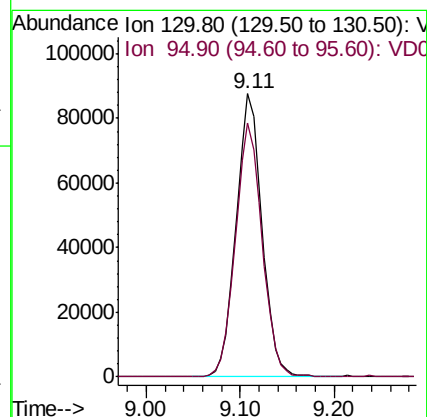
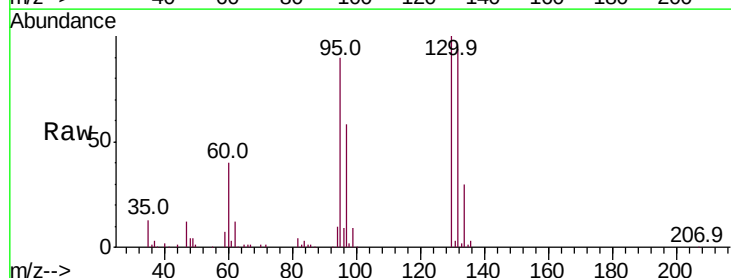
Acq: 07 Aug 2020 16:20

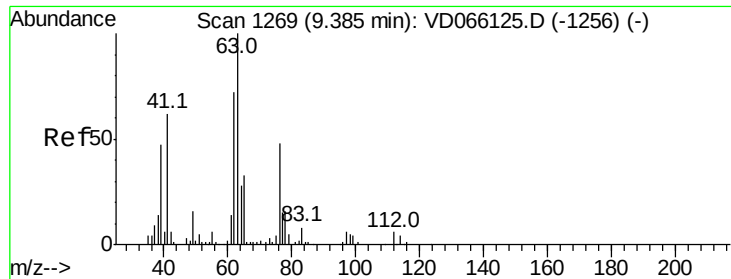
Tgt Ion:130 Resp: 167924

Ion Ratio Lower Upper

130 100

95 89.7 0.0 178.4

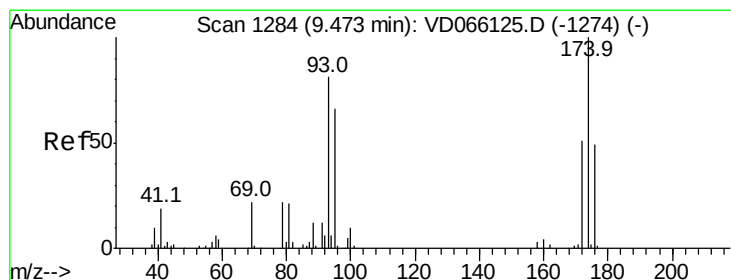
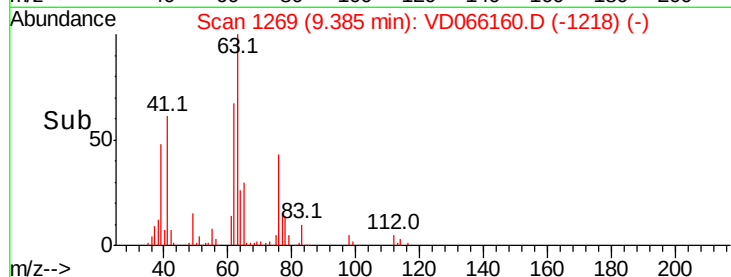
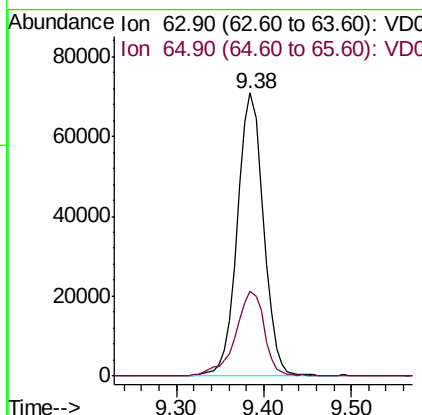
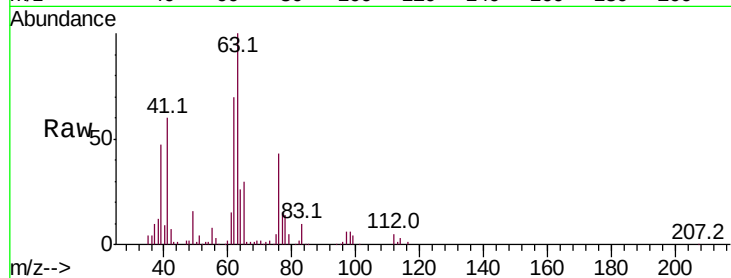




#45
 1,2-Dichloropropane
 Concen: 50.123 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

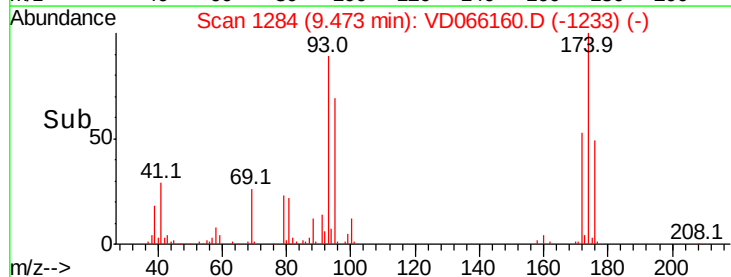
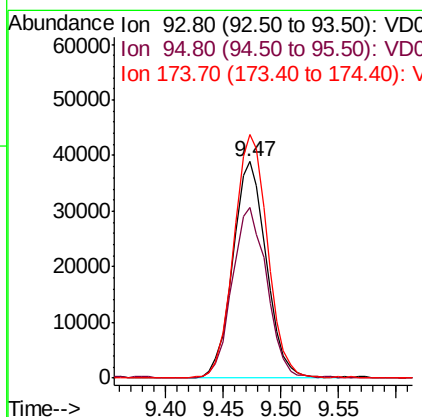
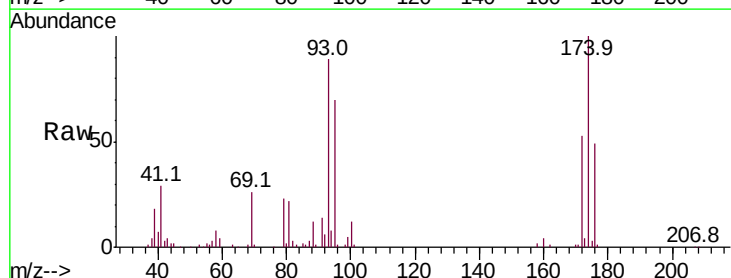
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

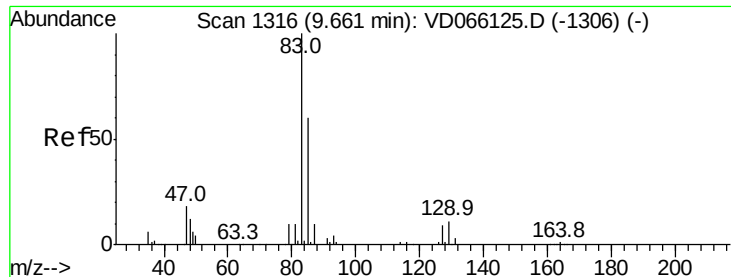
Tot Ion: 63 Resp: 142969
 Ion Ratio Lower Upper
 63 100
 65 29.9 26.5 39.7



#46
 Dibromomethane
 Concen: 49.918 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 93 Resp: 78430
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.8 98.6
 174 113.1 92.8 139.2





#47

Bromodichloromethane

Concen: 49.236 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

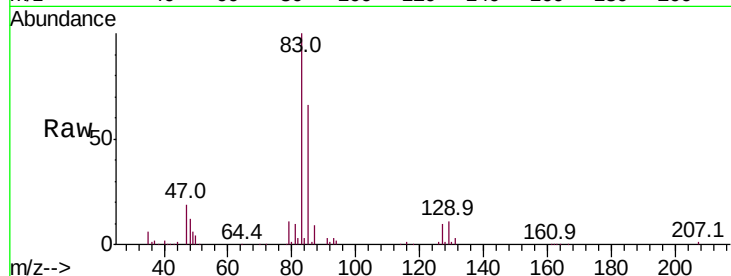
Tot Ion: 83 Resp: 204454

Ion Ratio Lower Upper

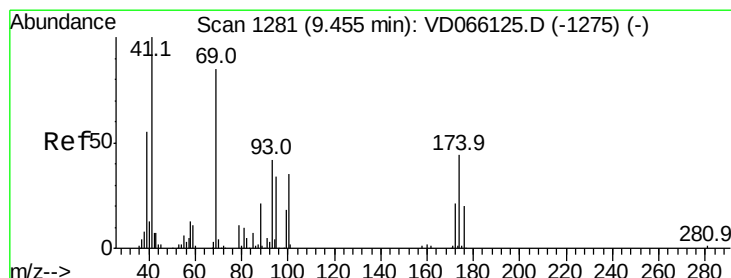
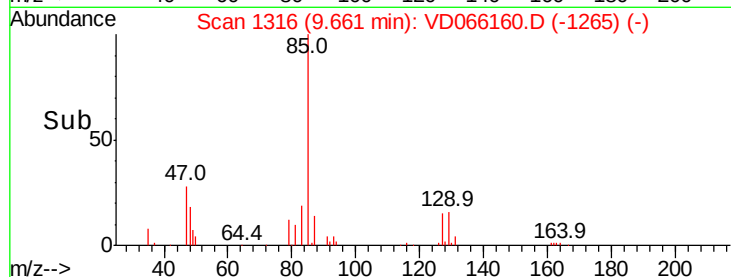
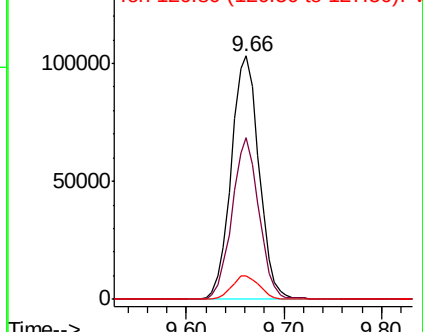
83 100

85 66.2 48.2 72.4

127 9.6 7.3 10.9



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



#48

Methyl methacrylate

Concen: 45.354 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

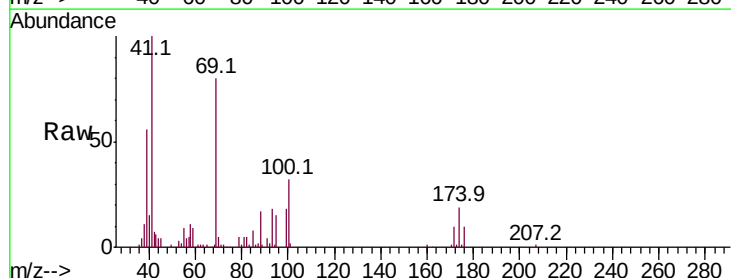
Tgt Ion: 41 Resp: 76007

Ion Ratio Lower Upper

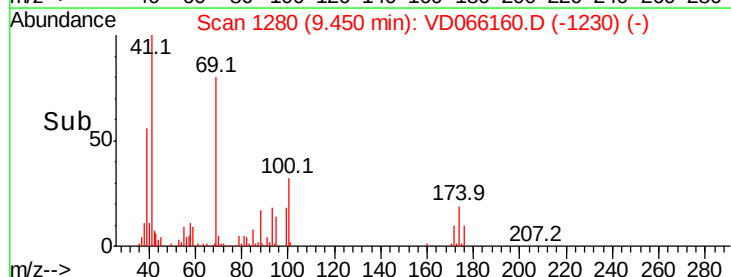
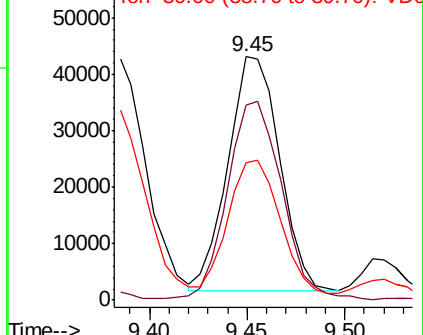
41 100

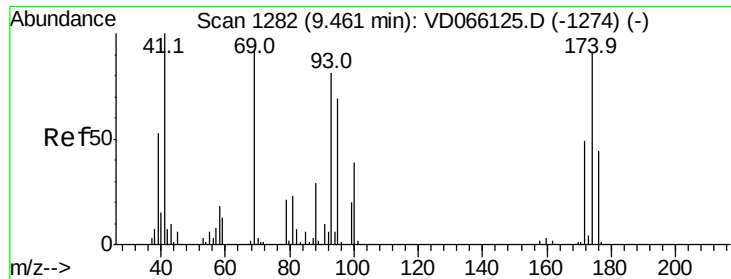
69 89.0 63.9 95.9

39 63.6 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

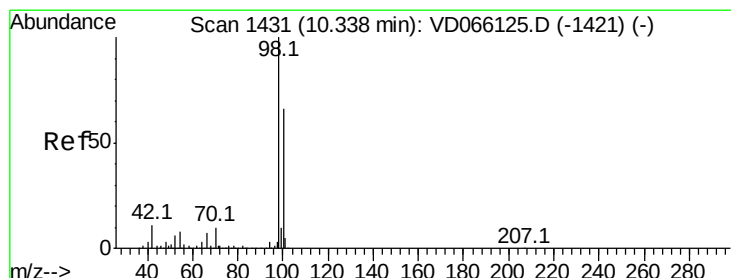
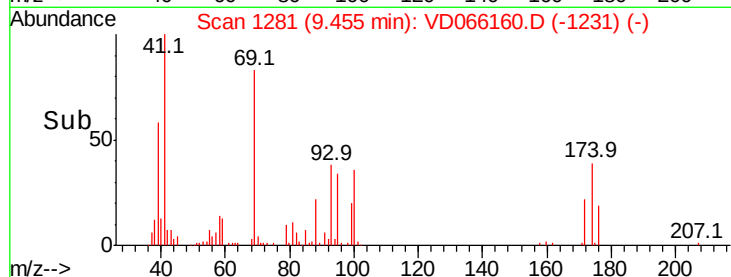
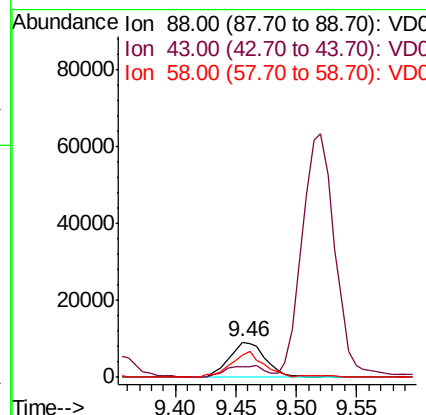
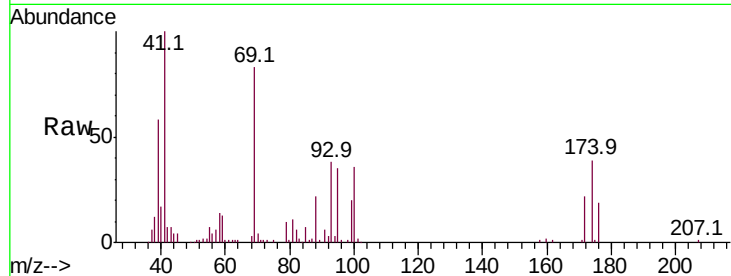




#49
 1,4-Dioxane
 Concen: 962.372 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

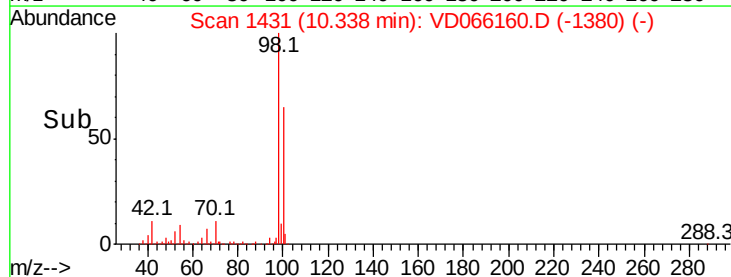
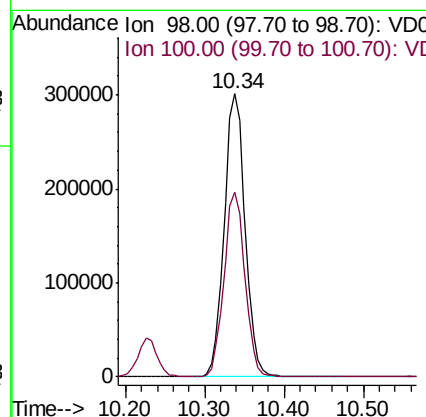
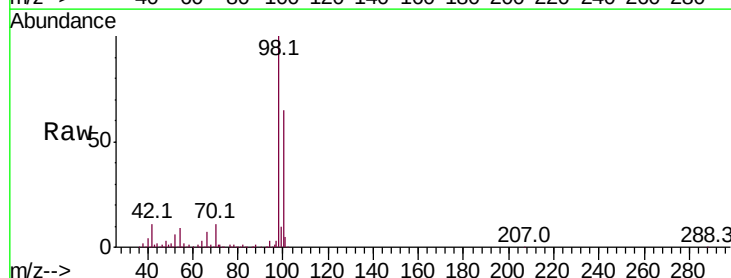
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

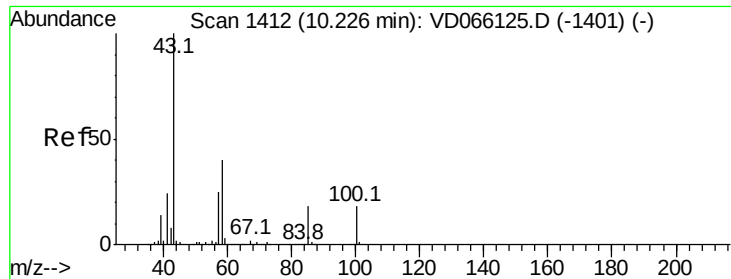
Tot Ion: 88 Resp: 19426
 Ion Ratio Lower Upper
 88 100
 43 36.8 27.5 41.3
 58 66.3 50.2 75.4



#50
 Toluene-d8
 Concen: 52.499 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 98 Resp: 549081
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8

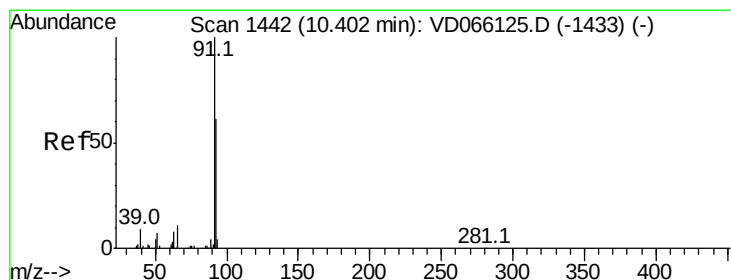
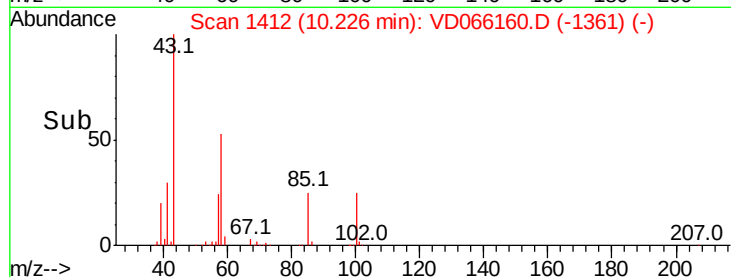
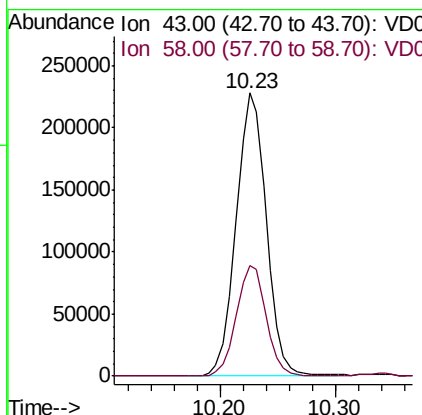
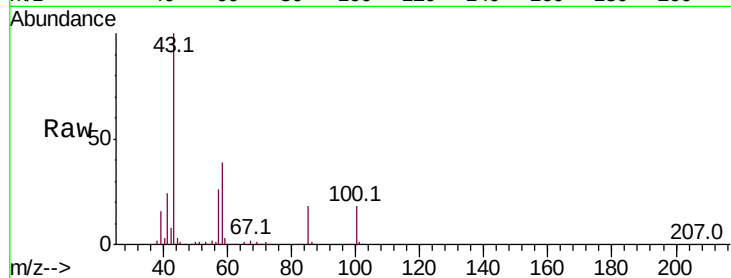




#51
 4-Methyl-2-Pentanone
 Concen: 245.066 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

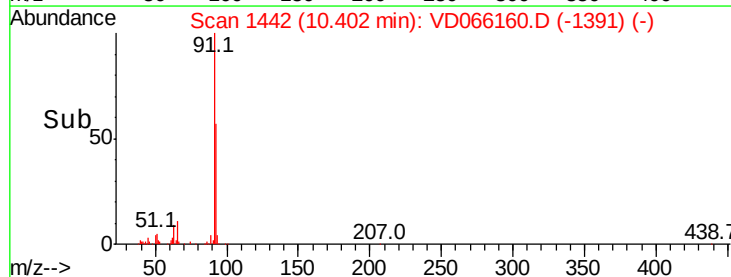
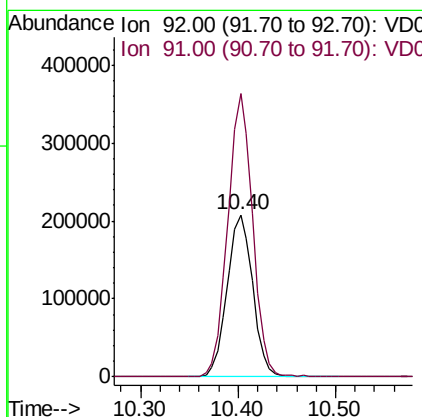
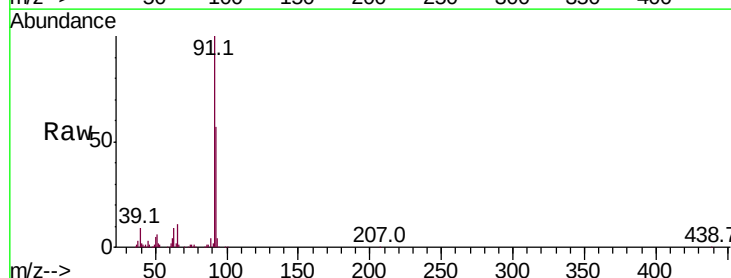
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

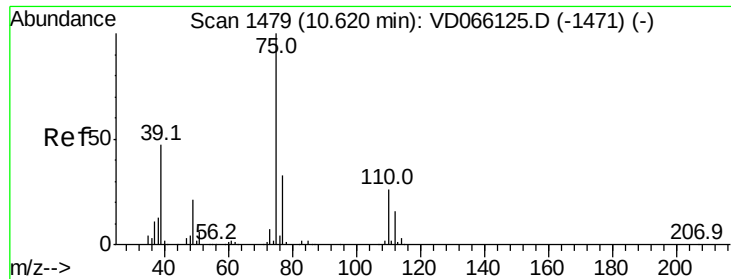
Tot Ion: 43 Resp: 413141
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.1 46.7



#52
 Toluene
 Concen: 49.248 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 92 Resp: 377942
 Ion Ratio Lower Upper
 92 100
 91 169.8 135.2 202.8

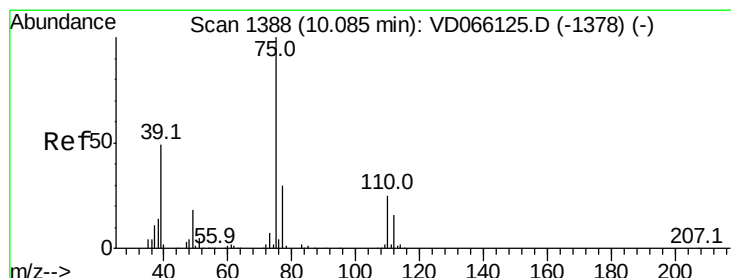
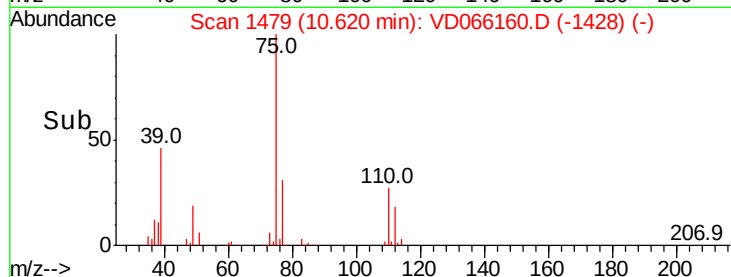
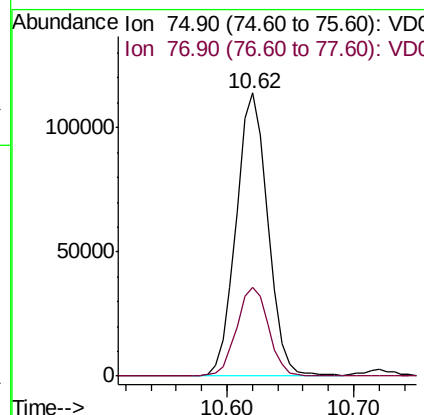
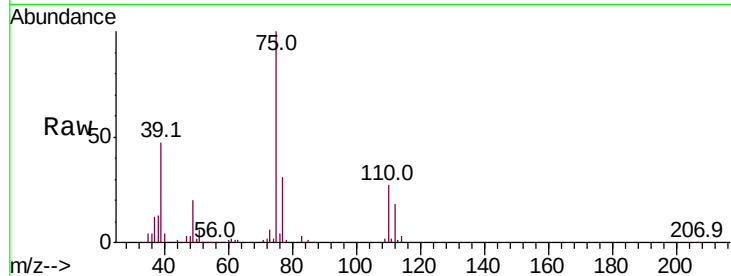




#53
t-1,3-Dichloropropene
Concen: 49.875 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

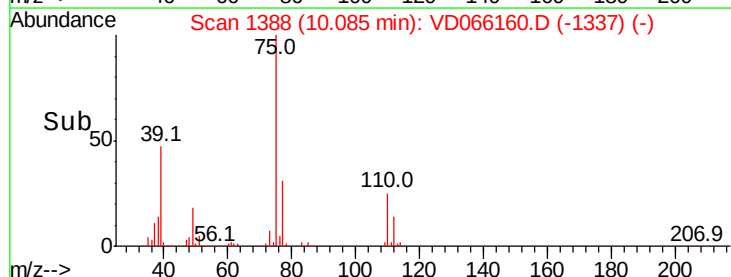
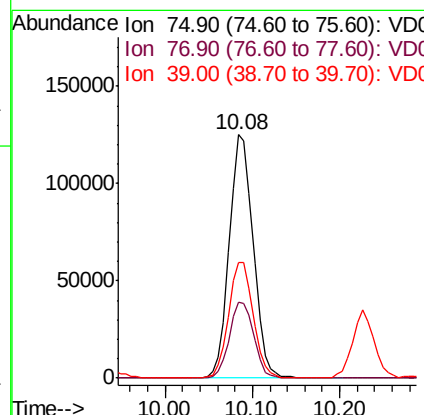
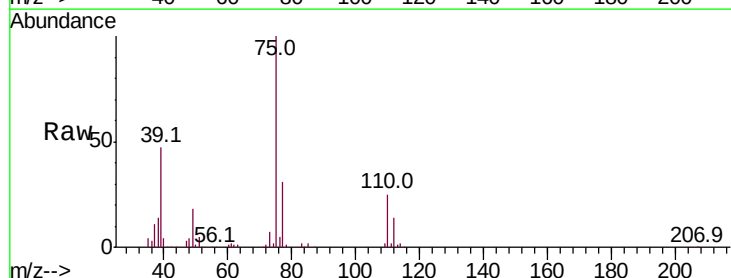
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

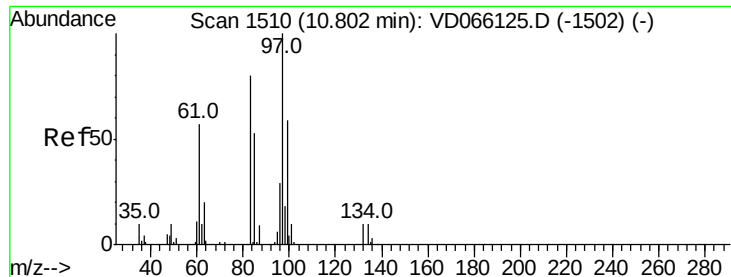
Tot Ion: 75 Resp: 196548
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 50.541 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 75 Resp: 233359
Ion Ratio Lower Upper
75 100
77 31.2 24.3 36.5
39 47.5 39.3 58.9

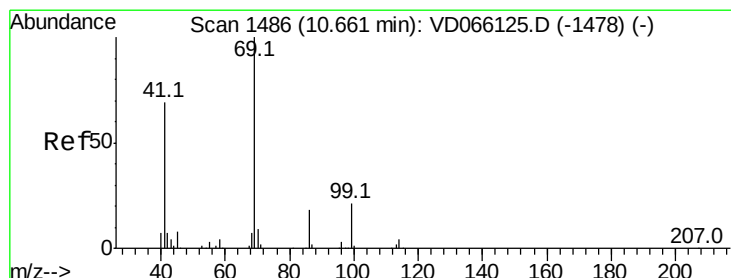
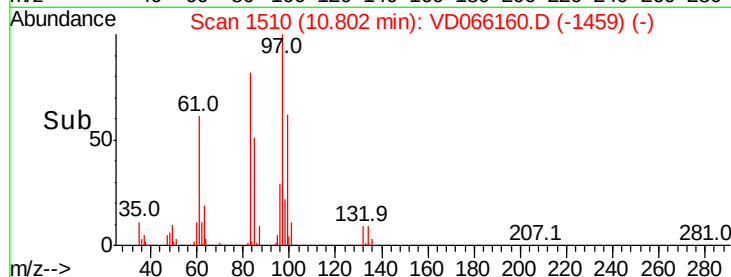
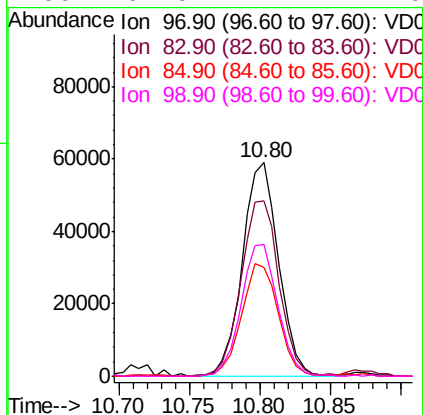
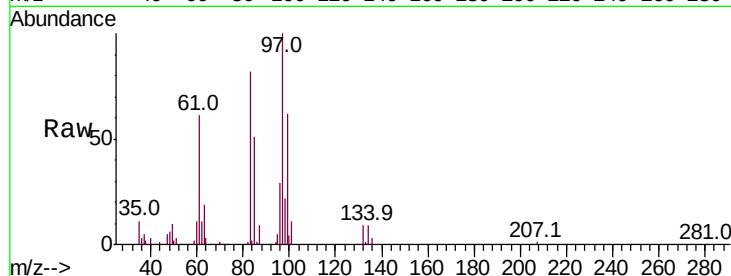




#55
 1,1,2-Trichloroethane
 Concen: 46.494 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

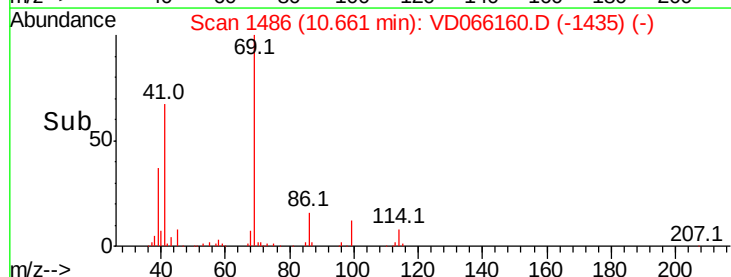
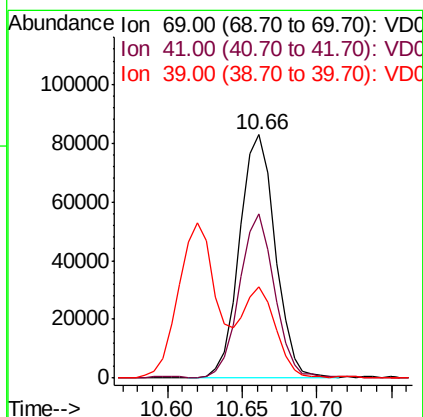
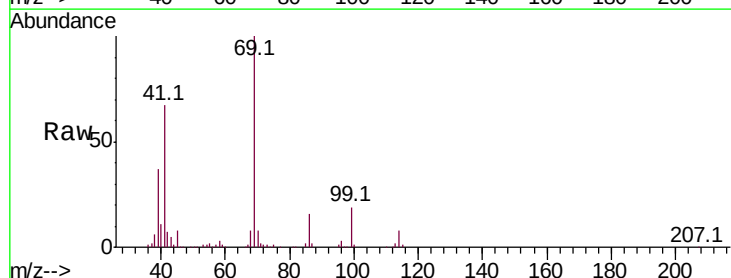
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

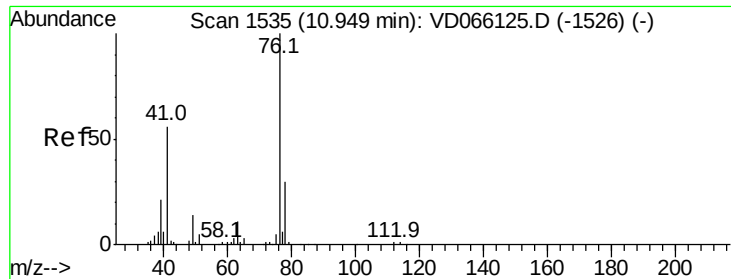
Tot Ion:	97	Resp:	105188
Ion	Ratio	Lower	Upper
97	100		
83	82.3	63.9	95.9
85	51.2	42.5	63.7
99	62.0	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 50.848 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion:	69	Resp:	138194
Ion	Ratio	Lower	Upper
69	100		
41	65.6	54.1	81.1
39	33.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 49.876 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

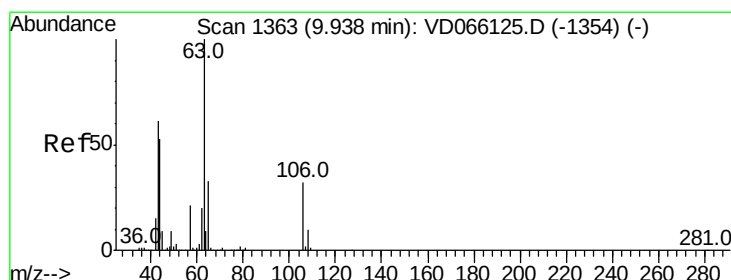
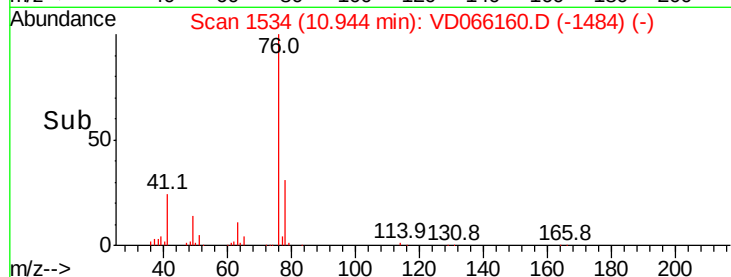
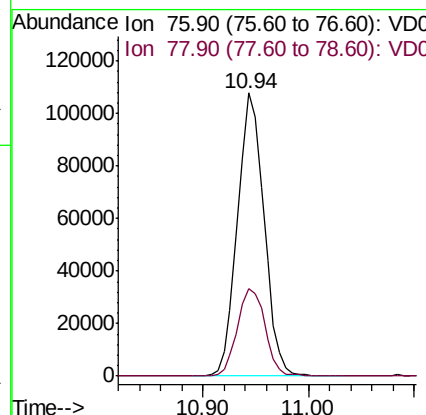
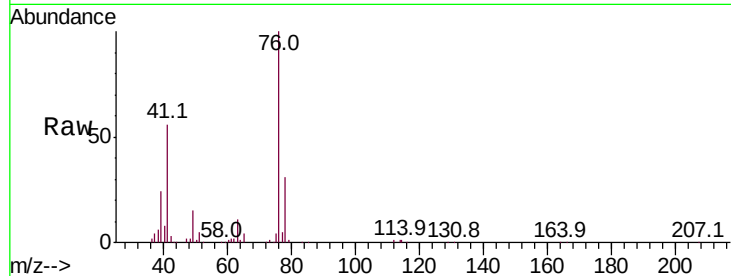
Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 187330

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3



#58

2-Chloroethyl Vinyl ether

Concen: 286.956 ug/l

RT: 9.94 min Scan# 1363

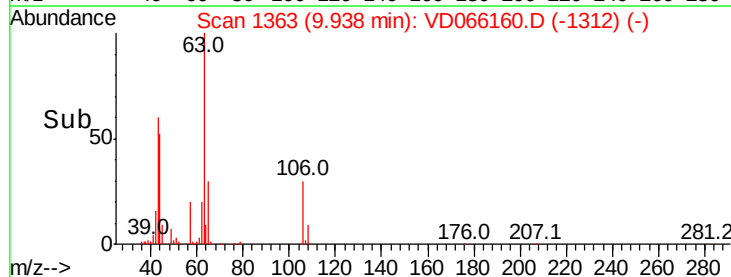
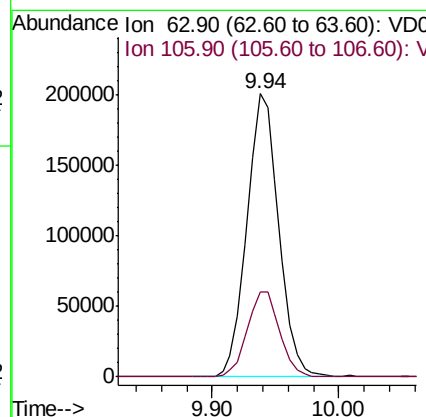
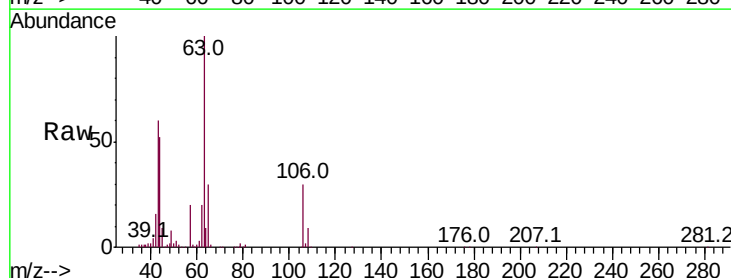
Delta R.T. 0.00 min

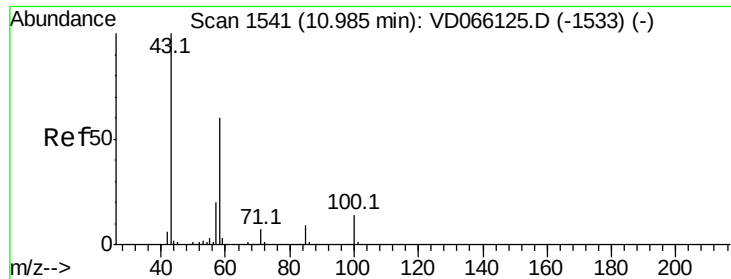
Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion: 63 Resp: 350805

Ion	Ratio	Lower	Upper
63	100		
106	30.9	25.3	37.9

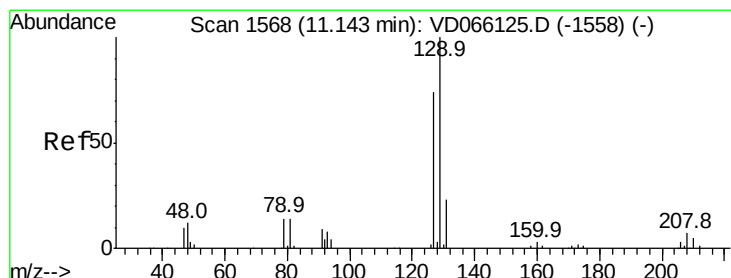
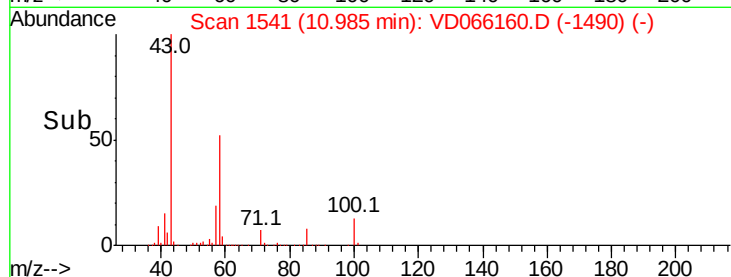
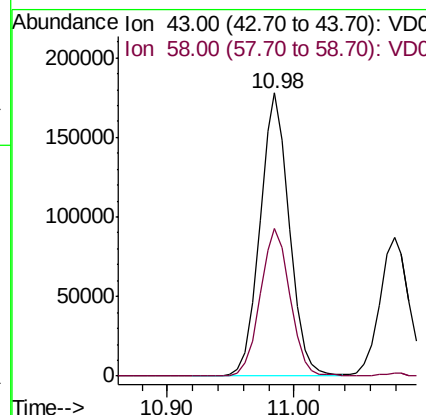
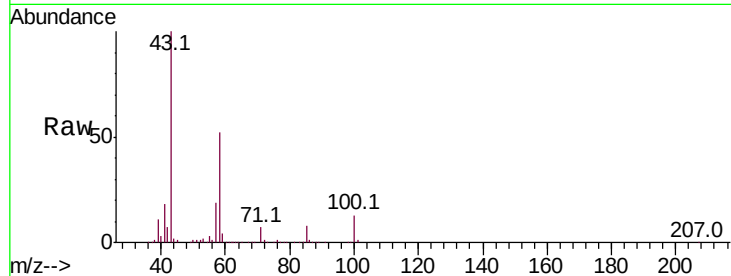




#59
2-Hexanone
Concen: 242.195 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

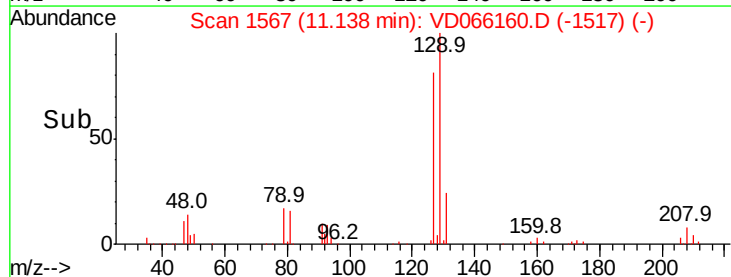
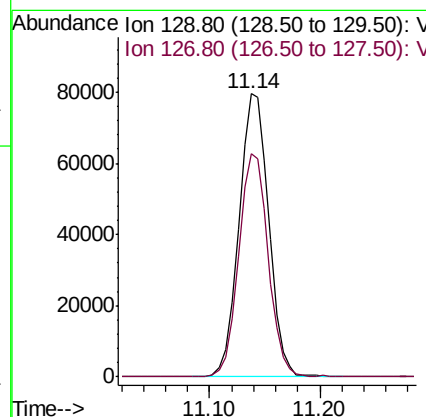
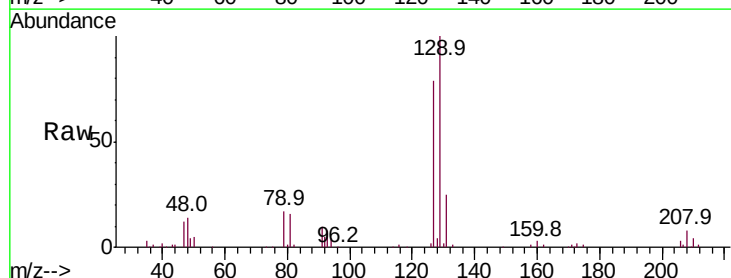
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

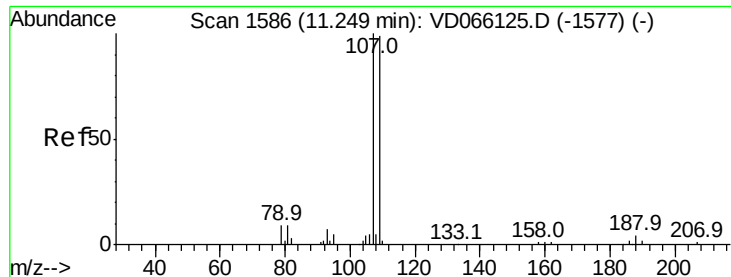
Tot Ion: 43 Resp: 286552
Ion Ratio Lower Upper
43 100
58 53.2 27.8 83.4



#60
Dibromochloromethane
Concen: 48.186 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 129 Resp: 150506
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 49.228 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

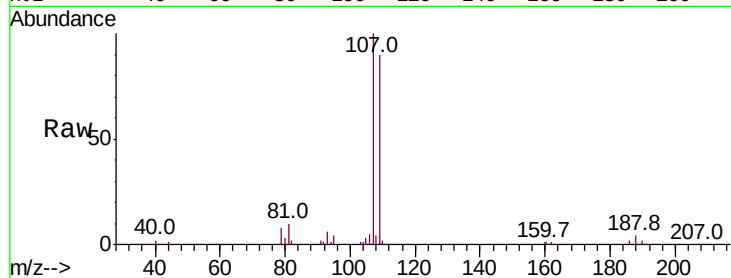
VSTDCCC050EC

Tot Ion:107 Resp: 107109

Ion Ratio Lower Upper

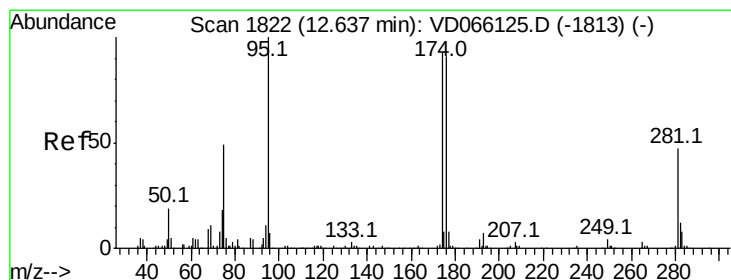
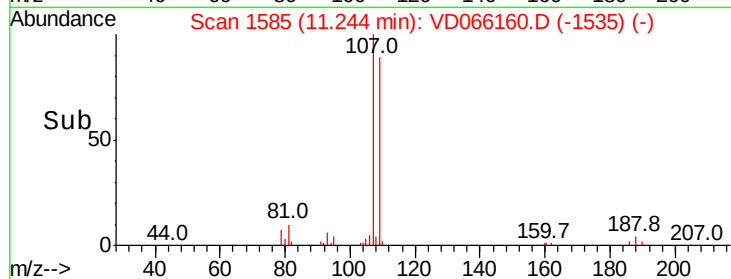
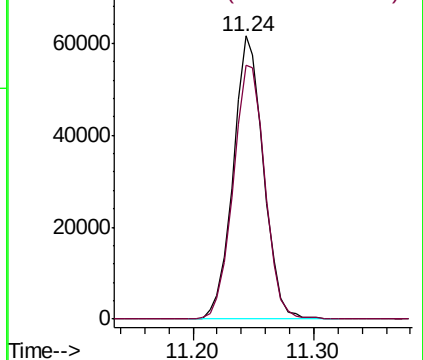
107 100

109 94.1 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.073 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

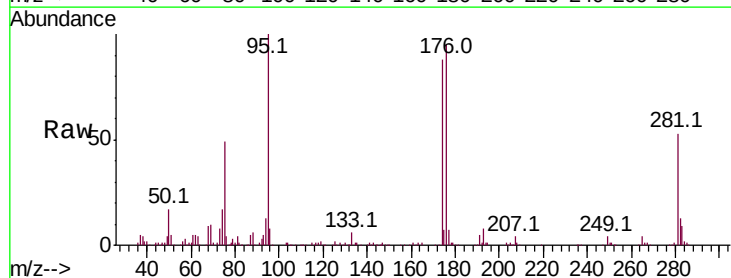
Tgt Ion: 95 Resp: 192545

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.8

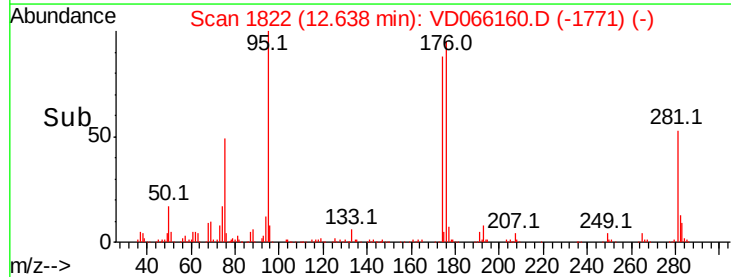
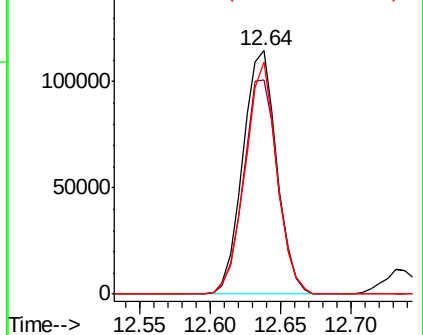
176 89.5 0.0 181.2

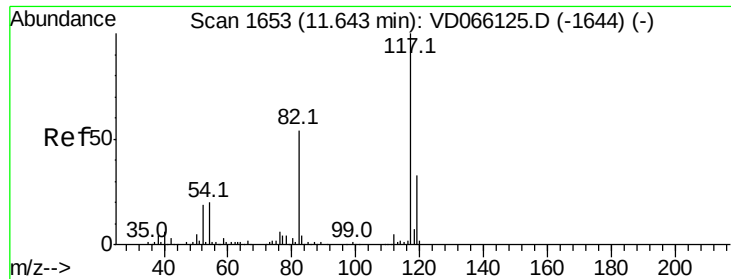


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

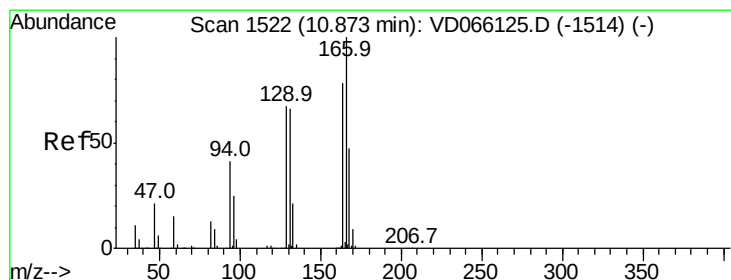
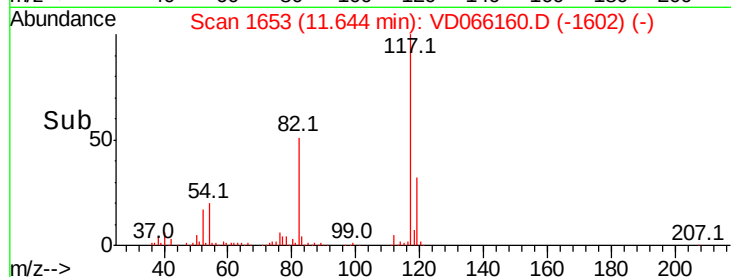
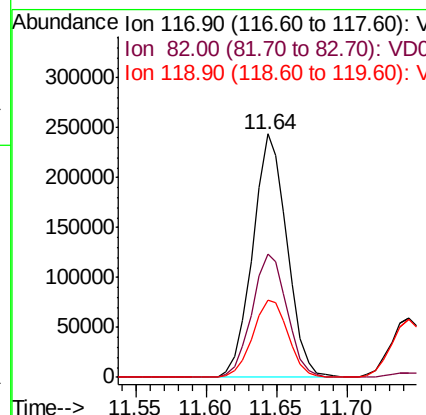
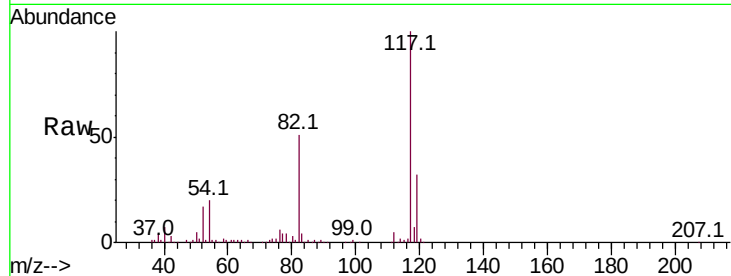




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

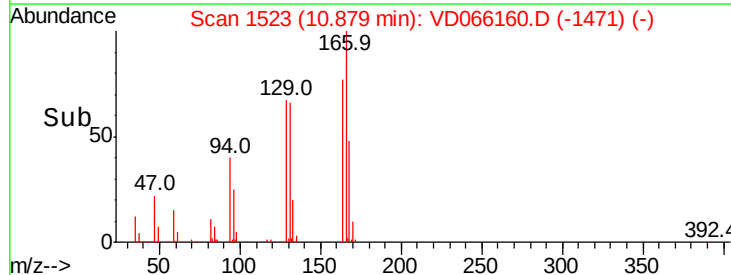
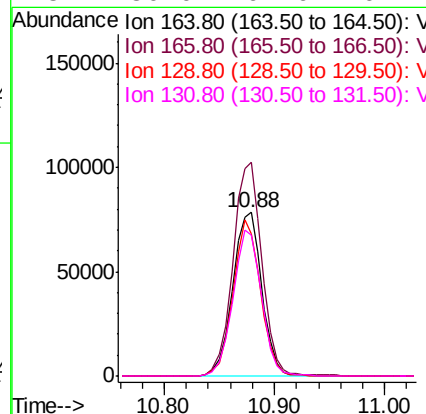
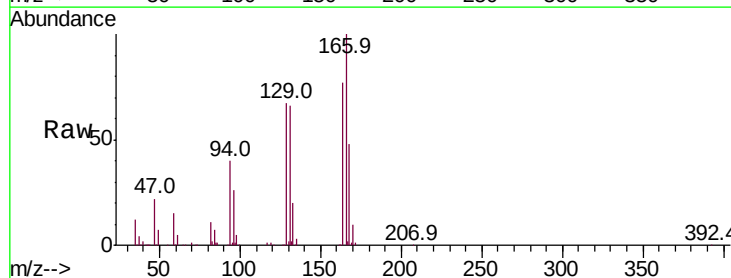
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

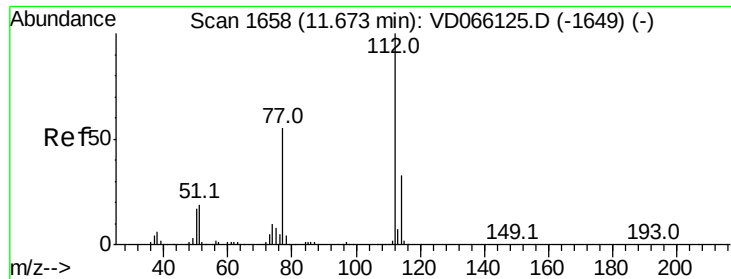
Tot Ion:117 Resp: 416262
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 45.310 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion:164 Resp: 144831
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 87.2 68.1 102.1
131 86.0 67.6 101.4





#65

Chlorobenzene

Concen: 48.280 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

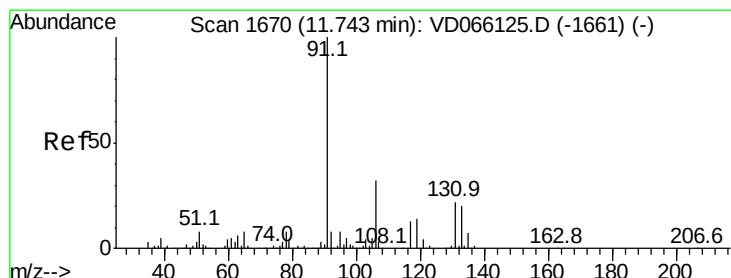
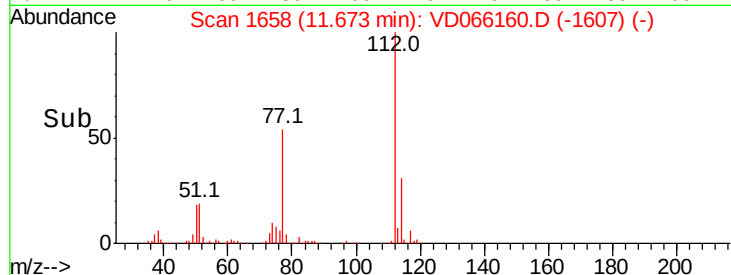
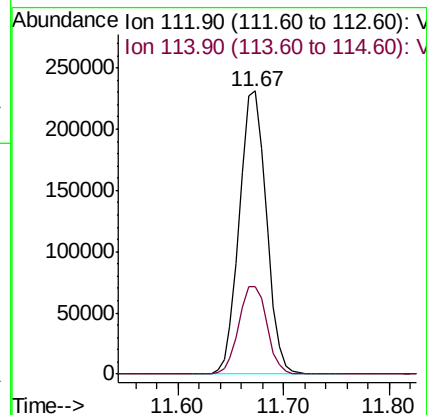
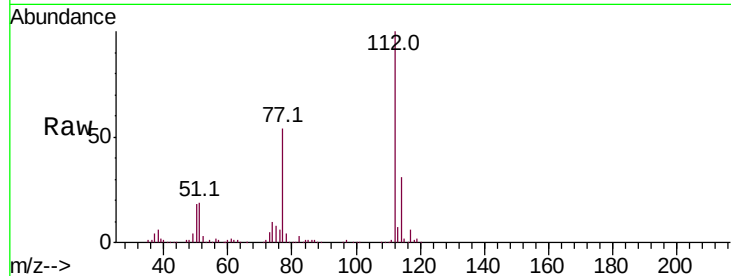
VSTDCCC050EC

Tot Ion:112 Resp: 407979

Ion Ratio Lower Upper

112 100

114 31.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.125 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

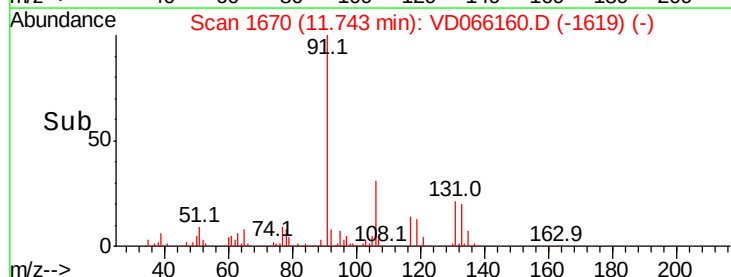
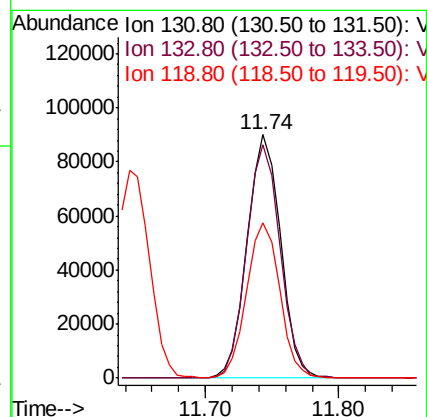
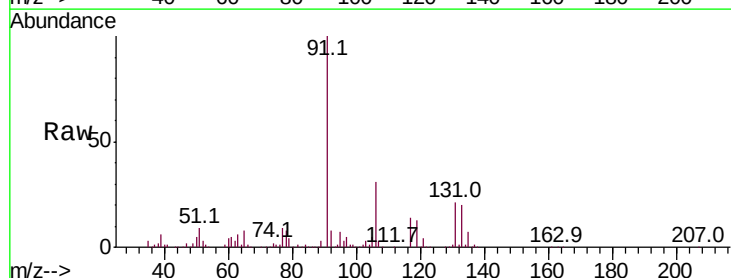
Tgt Ion:131 Resp: 155810

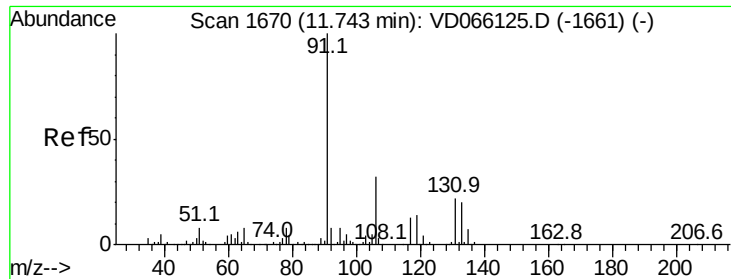
Ion Ratio Lower Upper

131 100

133 96.6 47.1 141.4

119 63.8 31.6 94.7

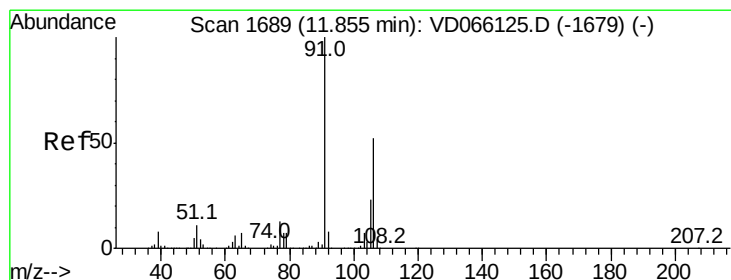
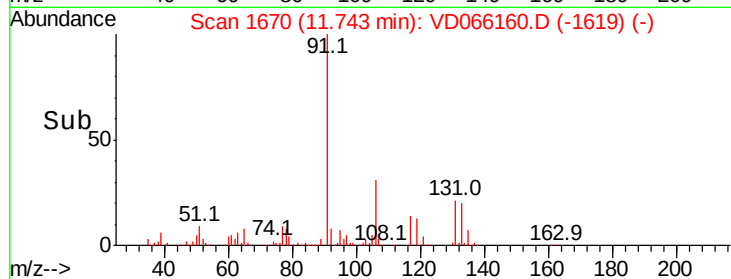
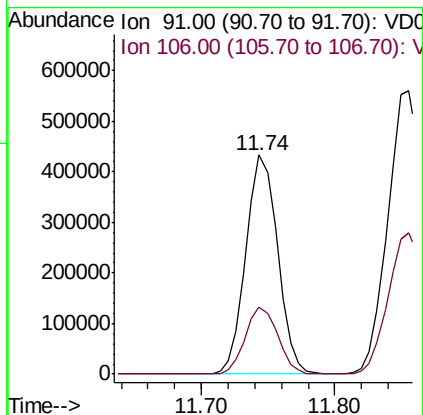
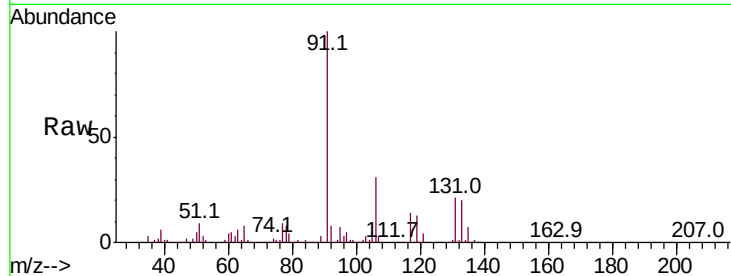




#67
Ethyl Benzene
Concen: 48.899 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

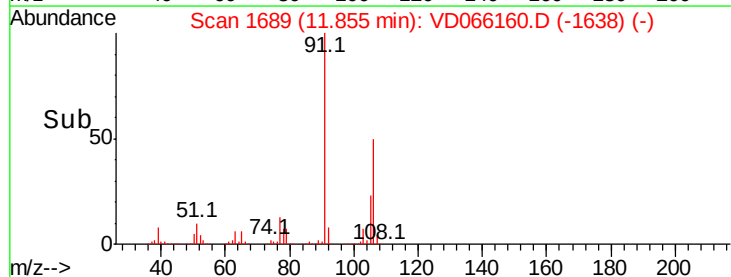
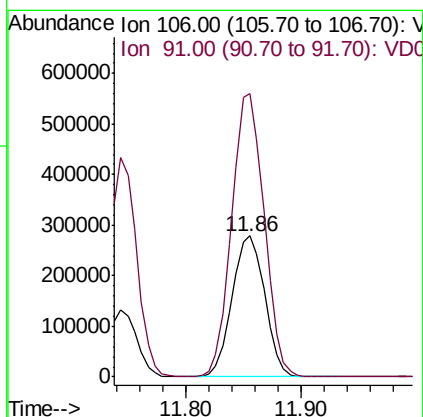
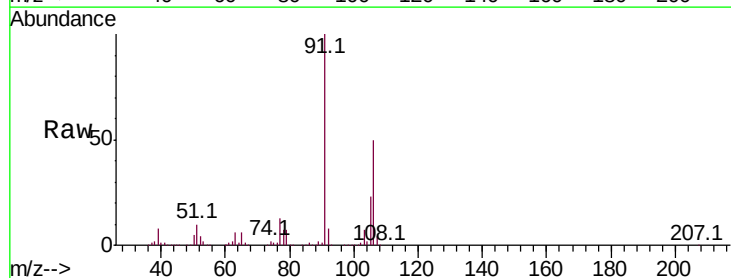
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

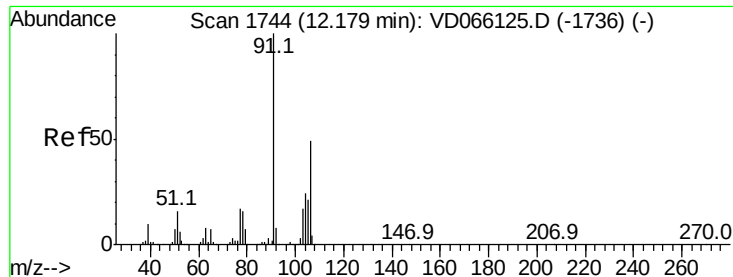
Tot Ion: 91 Resp: 716056
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5



#68
m/p-Xylenes
Concen: 96.476 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 106 Resp: 547359
Ion Ratio Lower Upper
106 100
91 199.8 156.6 235.0

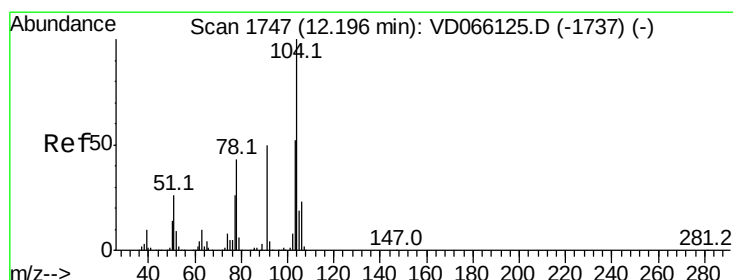
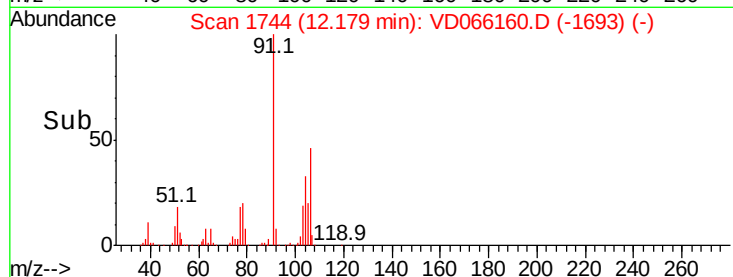
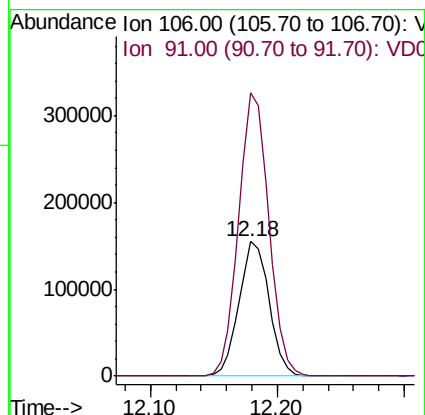
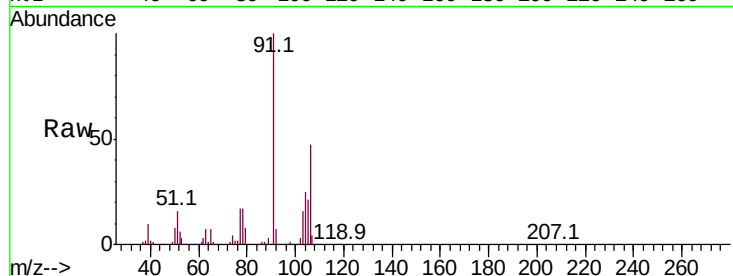




#69
o-Xylene
Concen: 49.124 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

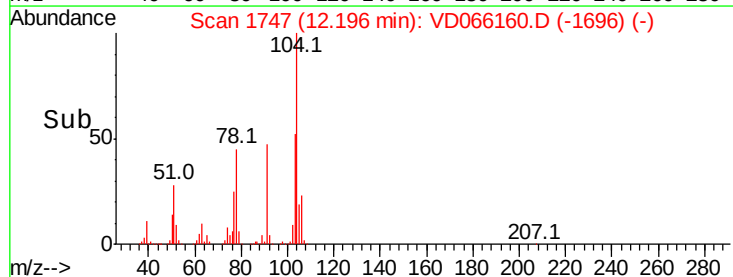
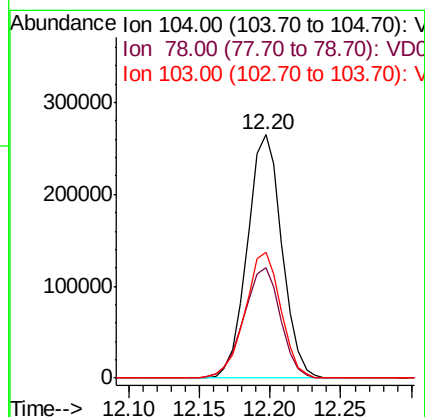
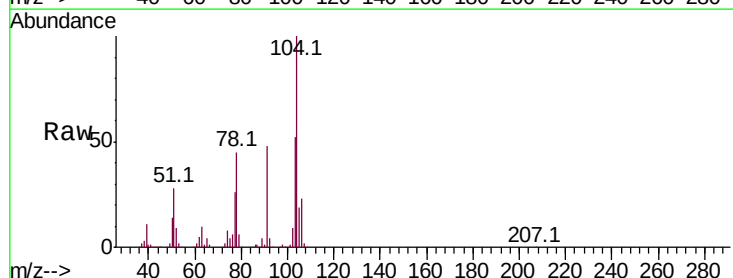
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

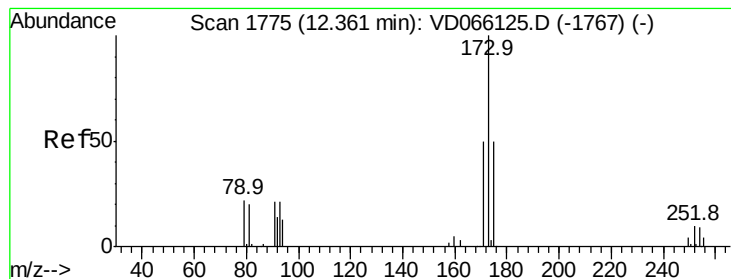
Tot Ion:106 Resp: 253528
Ion Ratio Lower Upper
106 100
91 212.0 105.7 317.1



#70
Styrene
Concen: 50.386 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion:104 Resp: 455734
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 53.6 44.1 66.1





#71

Bromoform

Concen: 46.616 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

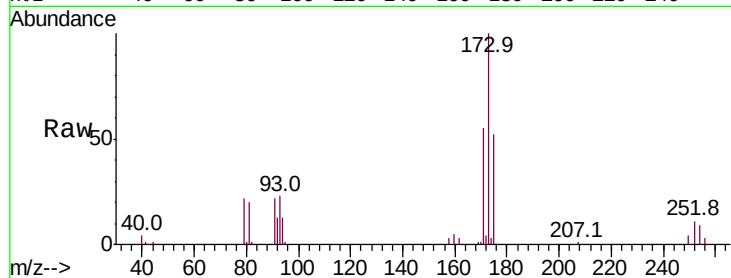
Tot Ion:173 Resp: 91317

Ion Ratio Lower Upper

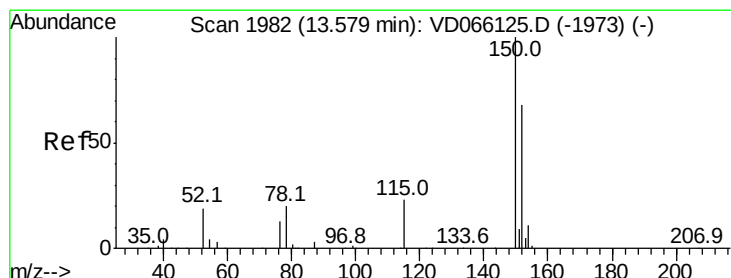
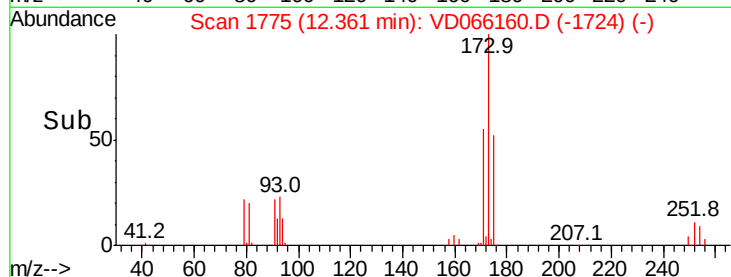
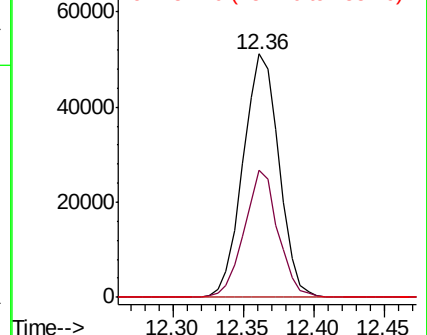
173 100

175 48.9 24.6 73.6

254 0.0 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: VD066160.D

Acq: 07 Aug 2020 16:20

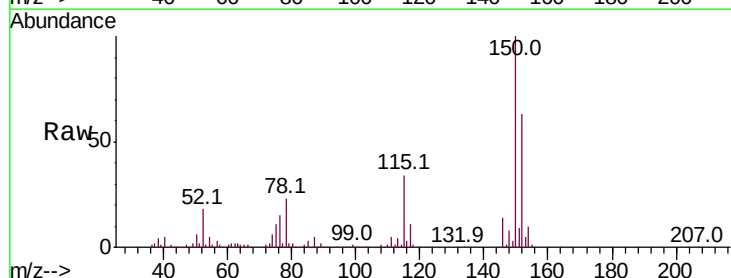
Tgt Ion:152 Resp: 213011

Ion Ratio Lower Upper

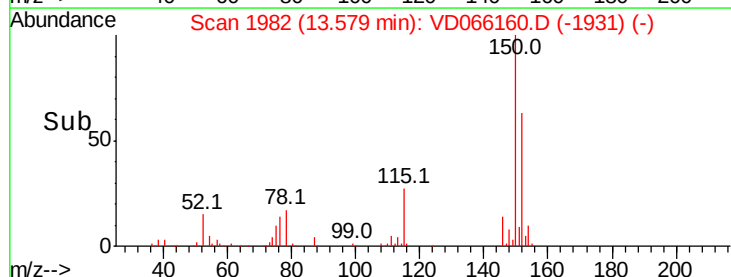
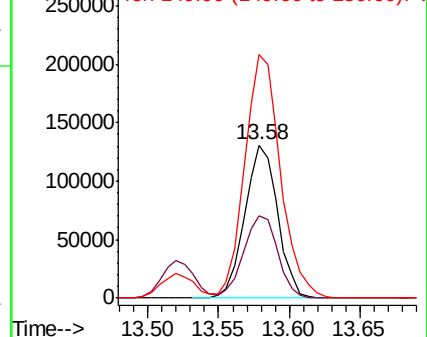
152 100

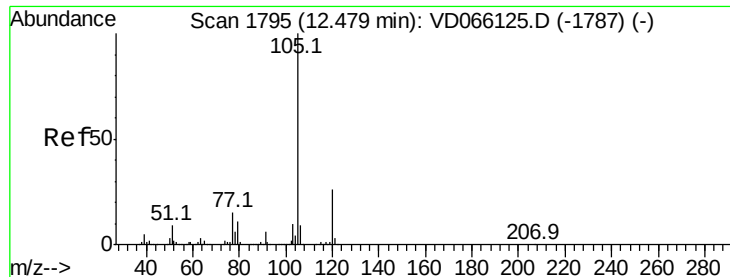
115 56.0 28.0 83.9

150 173.1 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: 49.463 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

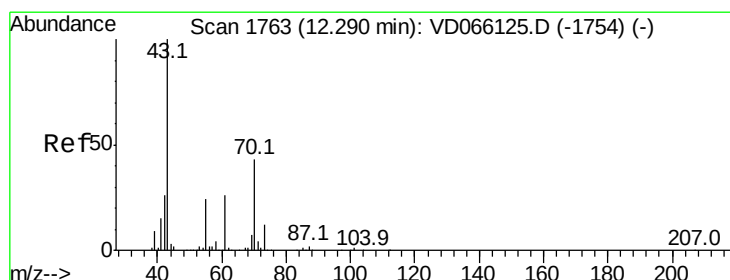
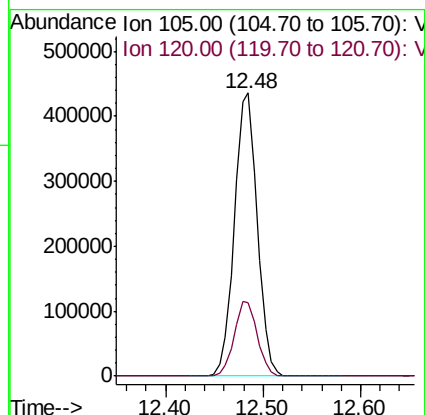
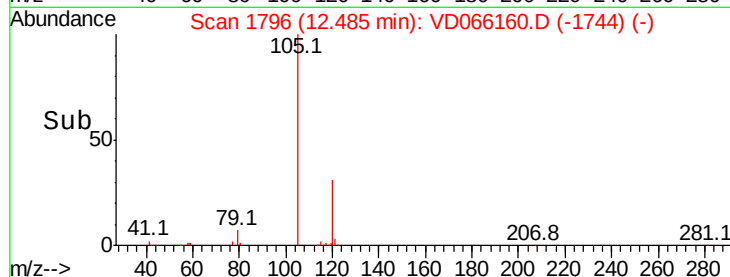
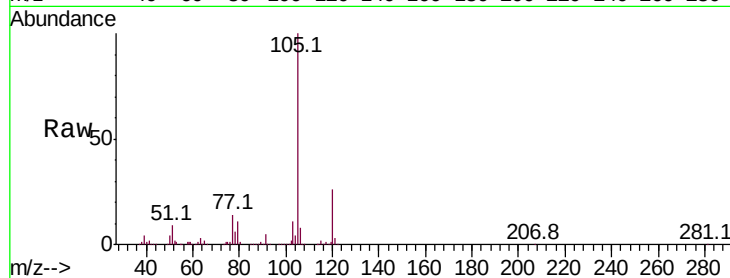
VSTDCCC050EC

Tot Ion:105 Resp: 703307

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 48.674 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion: 43 Resp: 152404

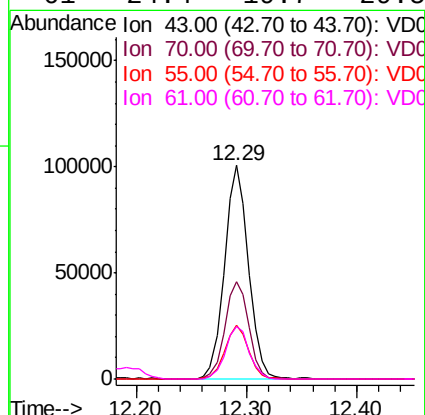
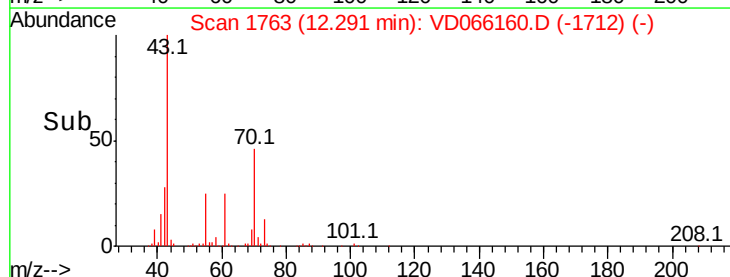
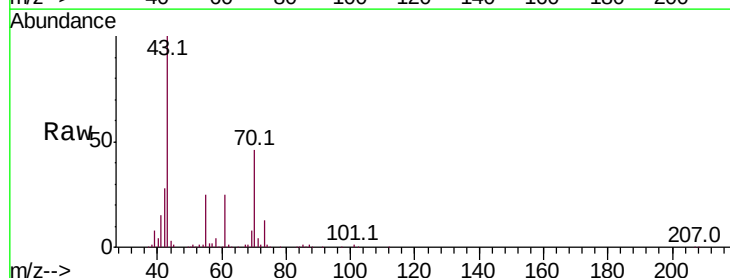
Ion Ratio Lower Upper

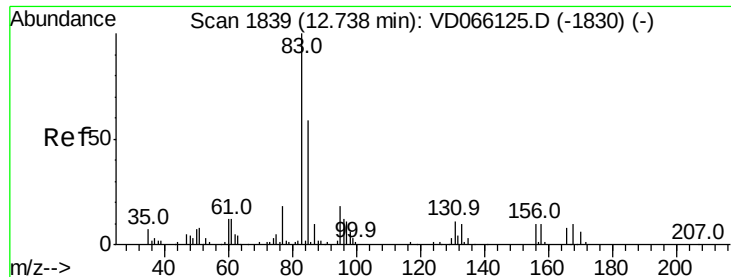
43 100

70 45.3 34.9 52.3

55 25.0 19.2 28.8

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.782 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

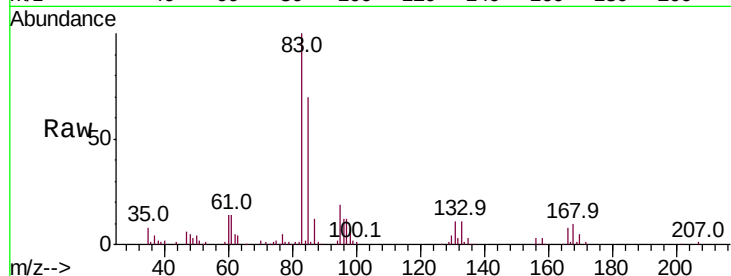
Tot Ion: 83 Resp: 115850

Ion Ratio Lower Upper

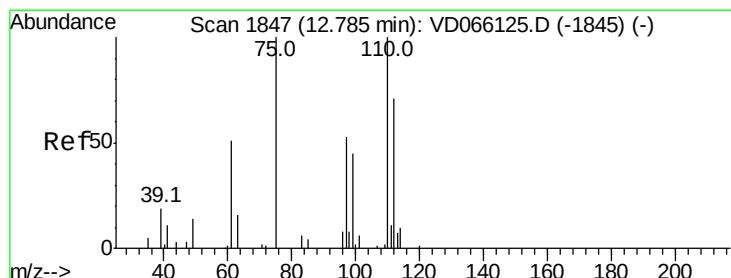
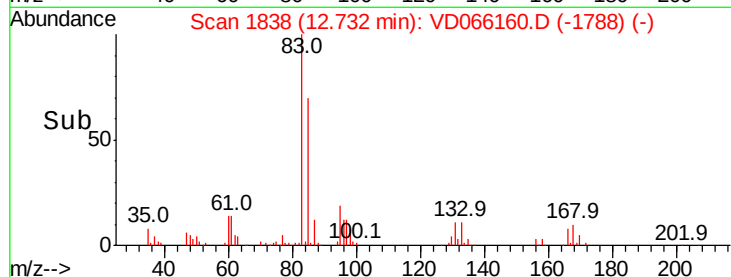
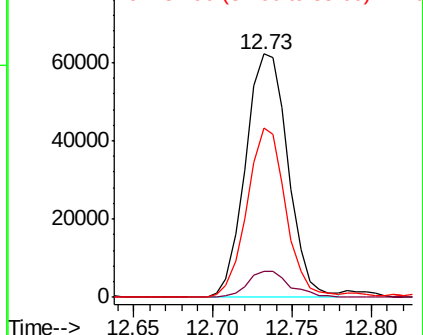
83 100

131 10.9 6.2 18.6

85 63.4 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: 86.308 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066160.D

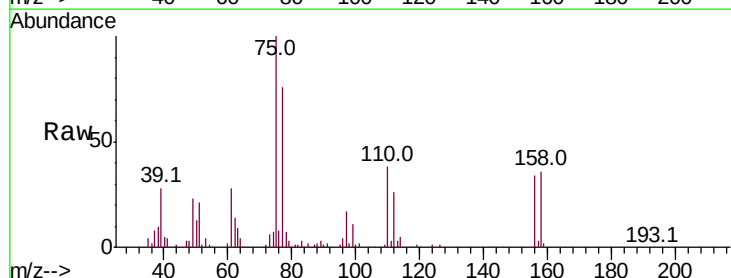
Acq: 07 Aug 2020 16:20

Tgt Ion: 75 Resp: 153315

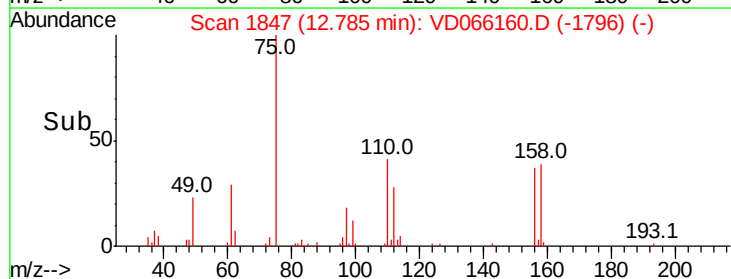
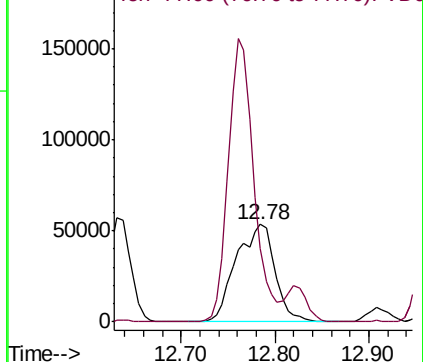
Ion Ratio Lower Upper

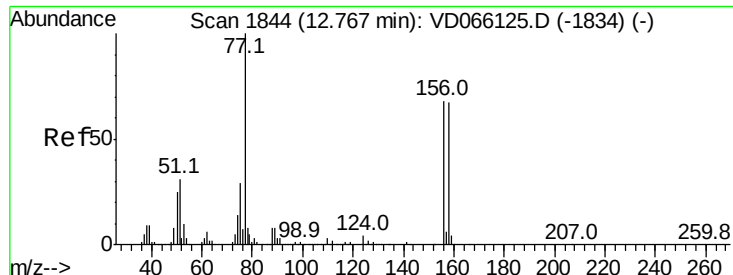
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 47.957 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

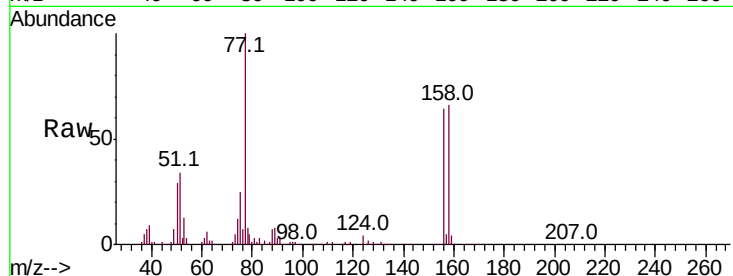
Tot Ion:156 Resp: 175535

Ion Ratio Lower Upper

156 100

77 166.5 81.0 243.1

158 100.0 48.8 146.3

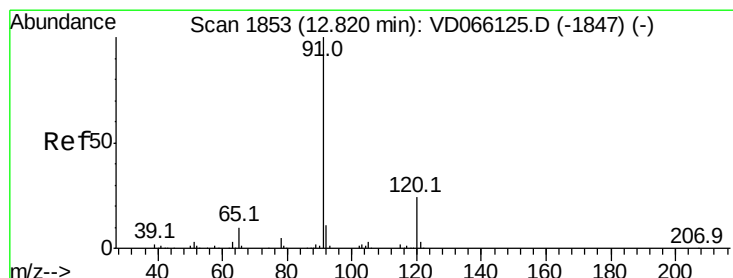
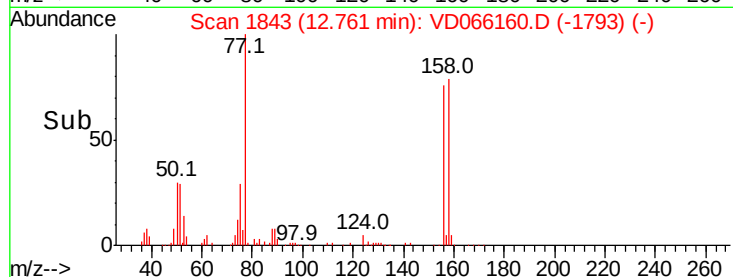
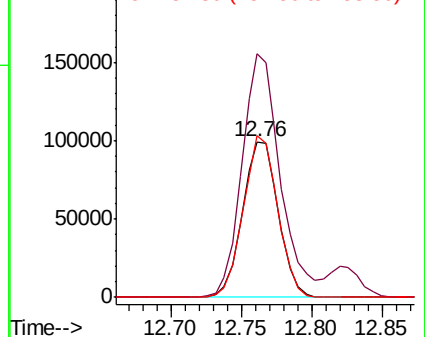


Abundance

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: 49.103 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066160.D

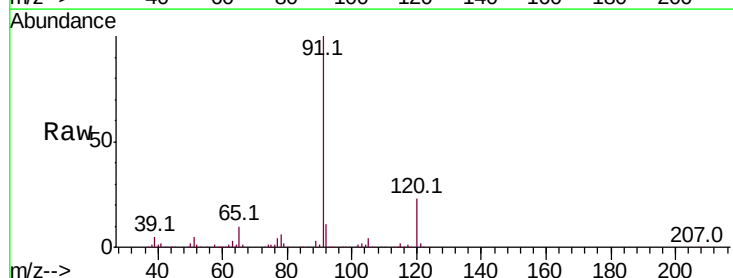
Acq: 07 Aug 2020 16:20

Tgt Ion: 91 Resp: 811609

Ion Ratio Lower Upper

91 100

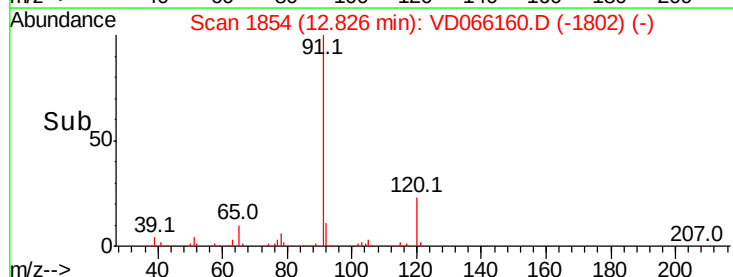
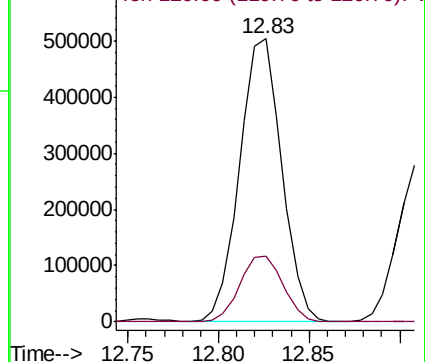
120 24.0 12.0 36.0

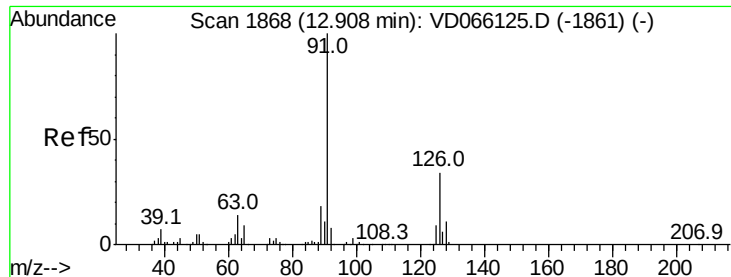


Abundance

Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

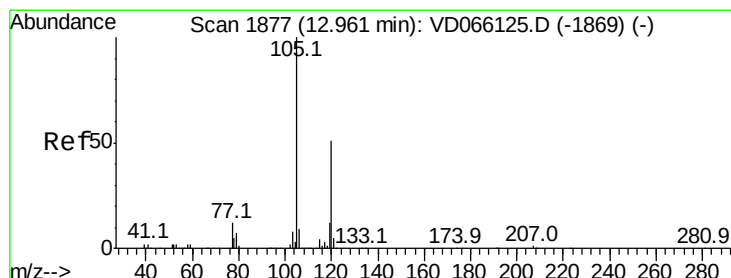
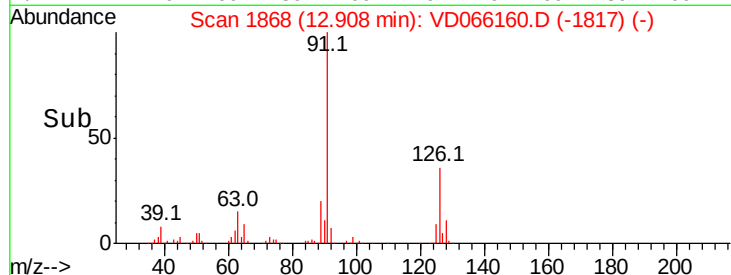
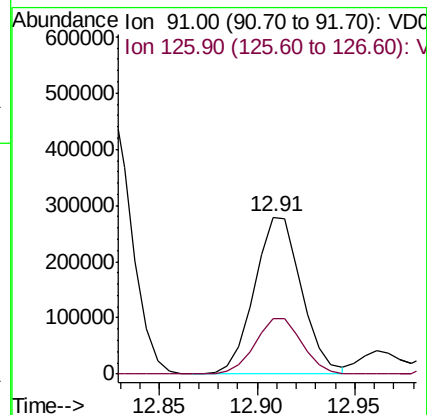
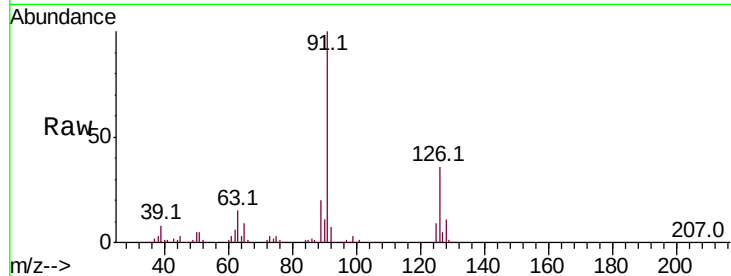
VSTDCCC050EC

Tot Ion: 91 Resp: 466529

Ion Ratio Lower Upper

91 100

126 35.8 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 49.617 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066160.D

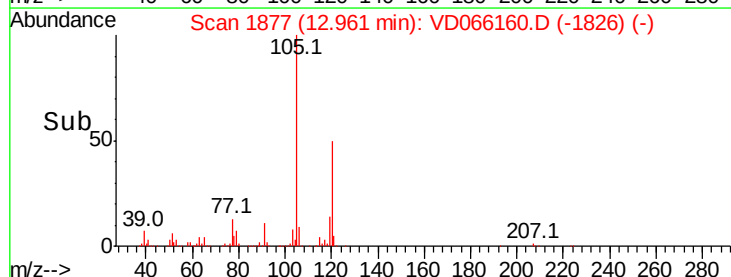
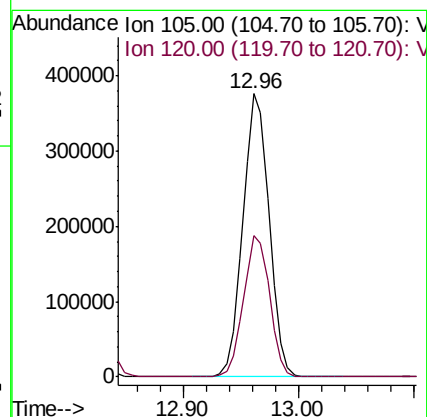
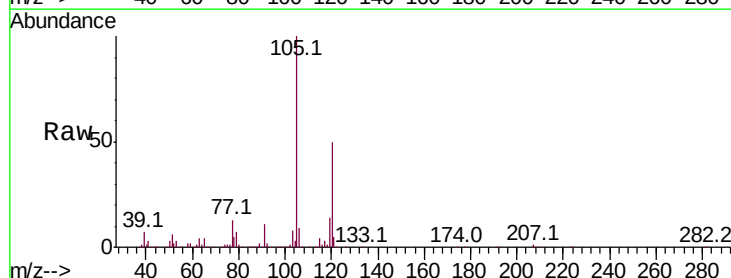
Acq: 07 Aug 2020 16:20

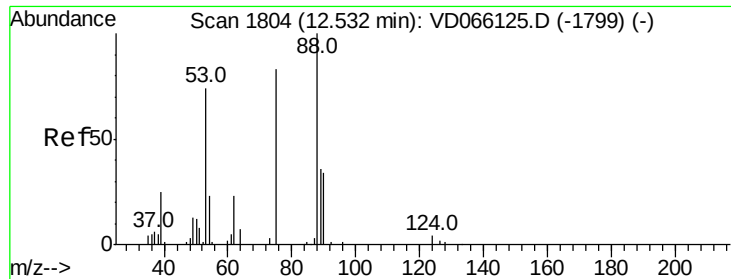
Tgt Ion: 105 Resp: 590016

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8

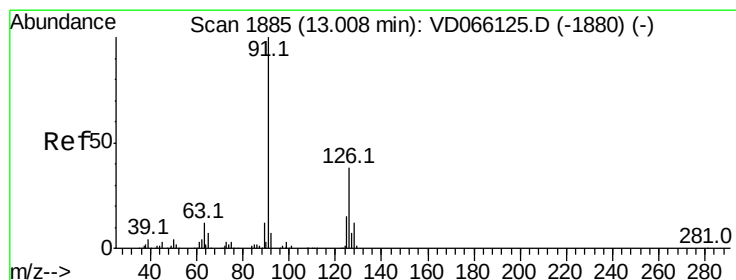
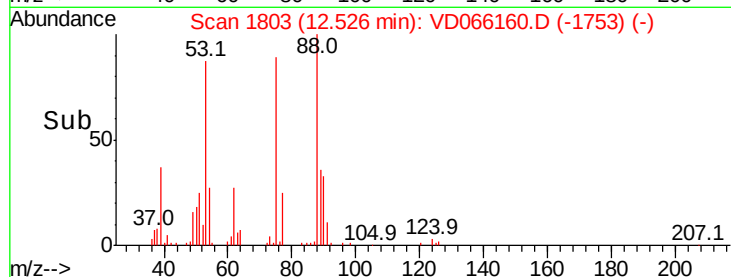
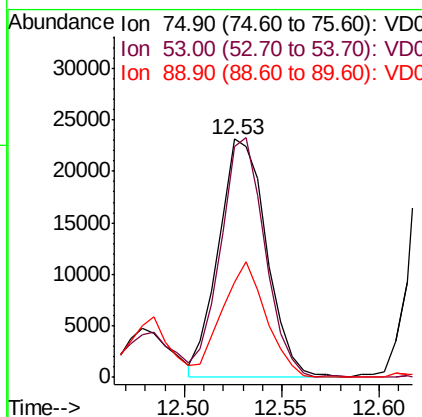
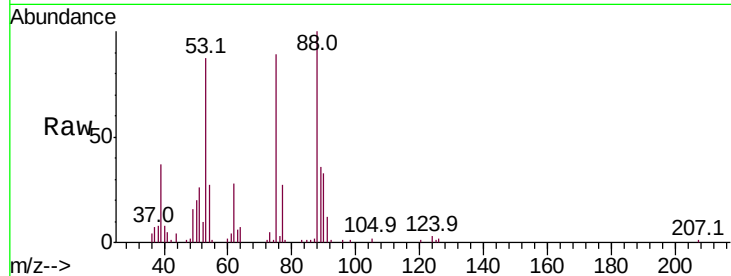




#81
trans-1,4-Dichloro-2-butene
Concen: 49.063 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

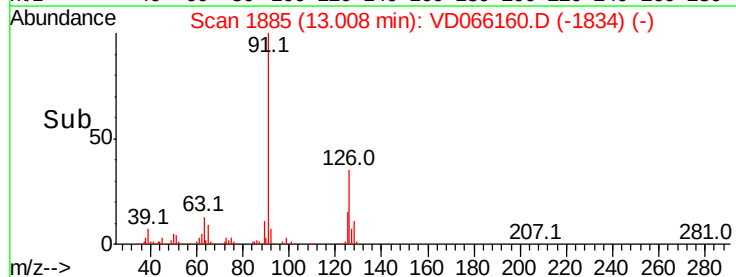
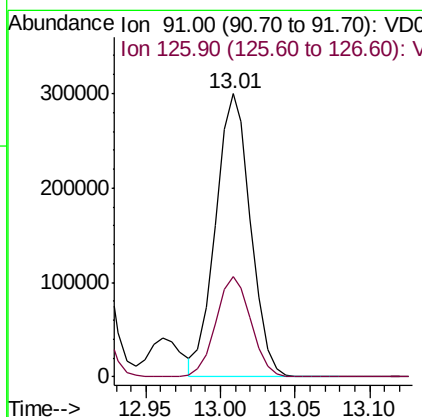
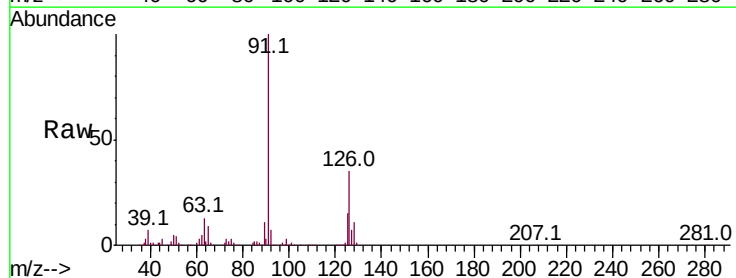
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

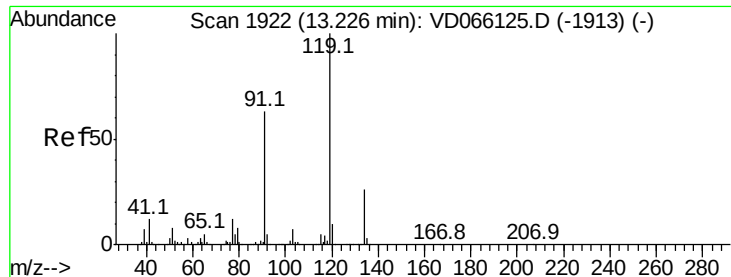
Tot Ion: 75 Resp: 39426
Ion Ratio Lower Upper
75 100
53 93.2 73.4 110.2
89 44.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 49.051 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion: 91 Resp: 489494
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.3

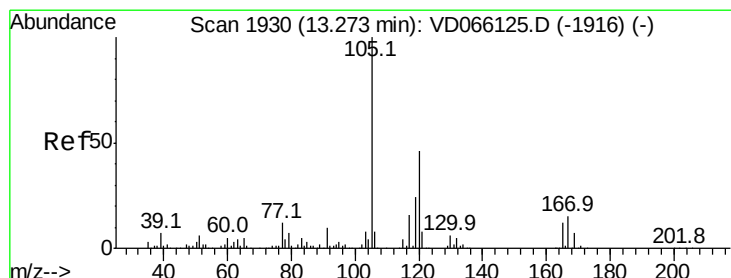
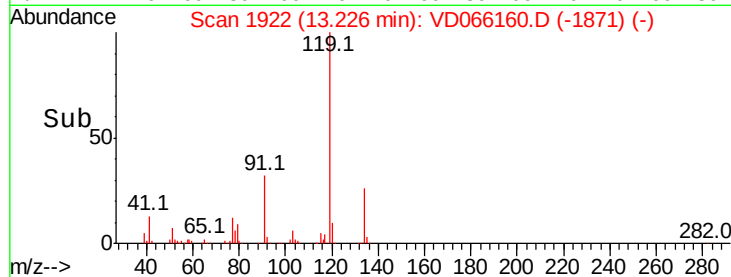
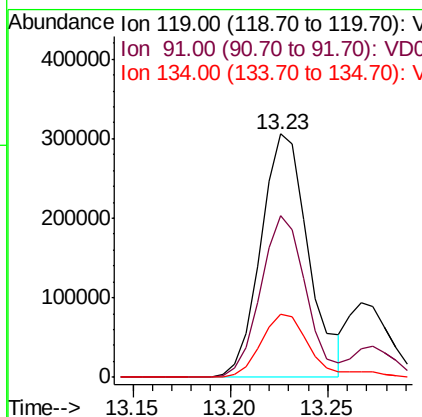
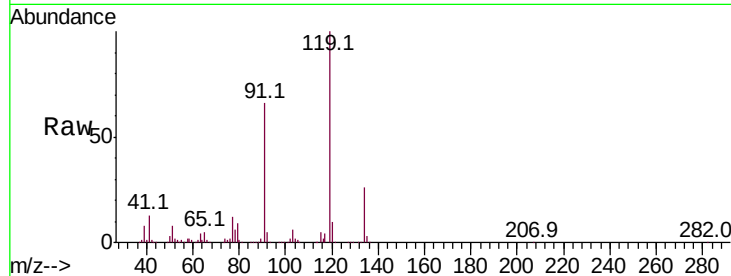




#83
 tert-Butylbenzene
 Concen: 49.521 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

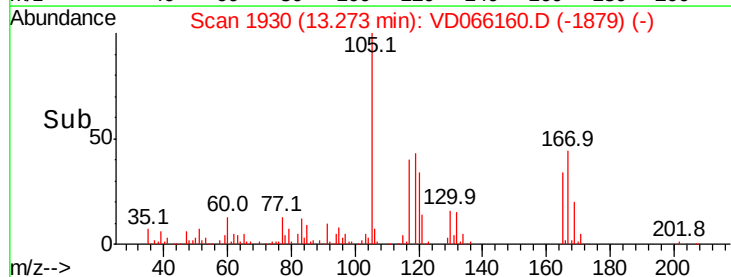
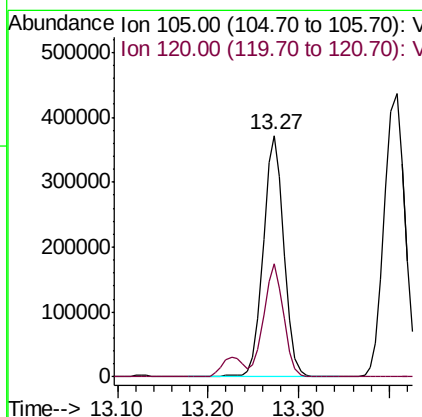
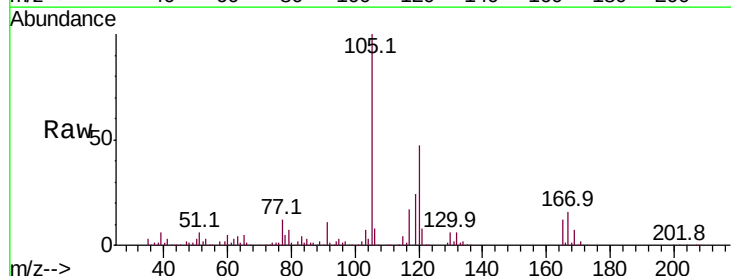
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

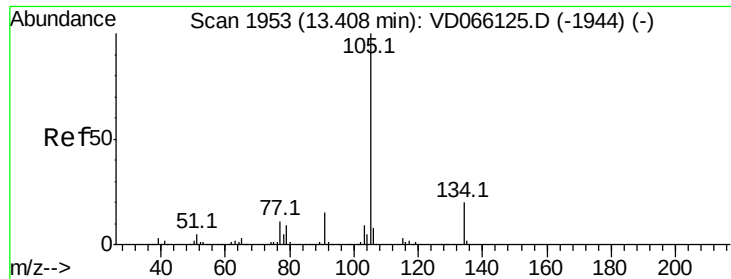
Tot Ion:119 Resp: 517886
 Ion Ratio Lower Upper
 119 100
 91 62.9 30.8 92.4
 134 27.3 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.727 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion:105 Resp: 591777
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.113 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

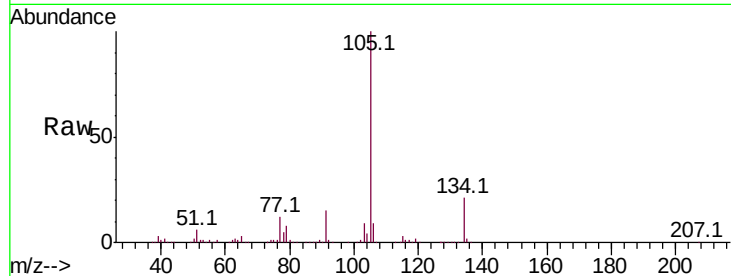
VSTDCCC050EC

Tot Ion:105 Resp: 693446

Ion Ratio Lower Upper

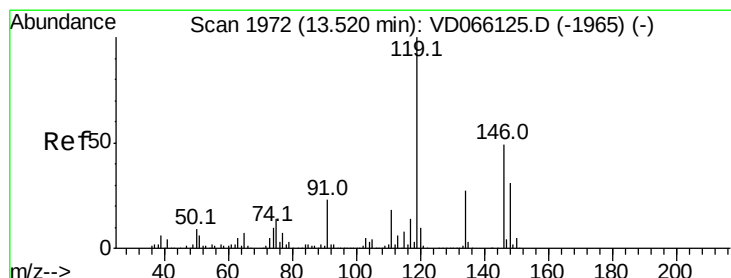
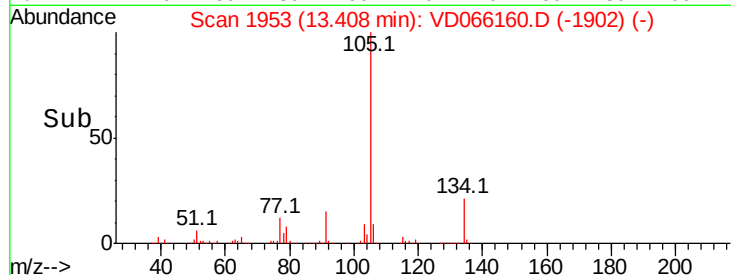
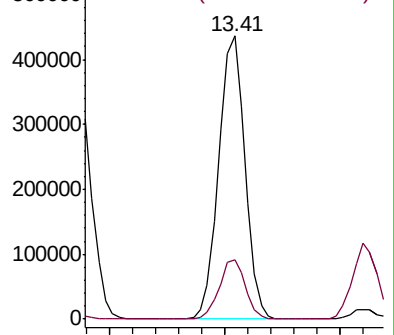
105 100

134 20.9 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: 49.049 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

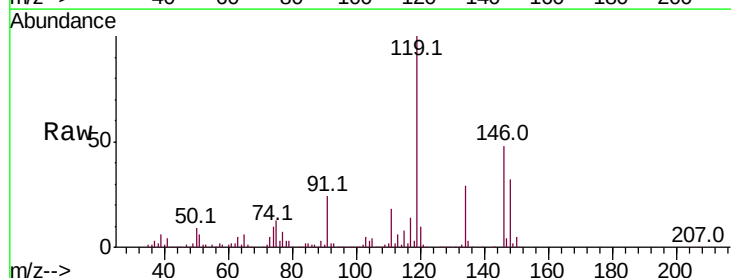
Tgt Ion:119 Resp: 649543

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

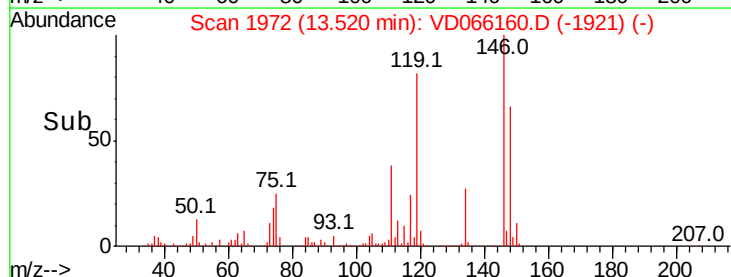
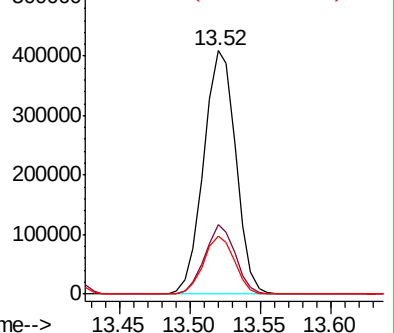
91 22.8 11.2 33.5

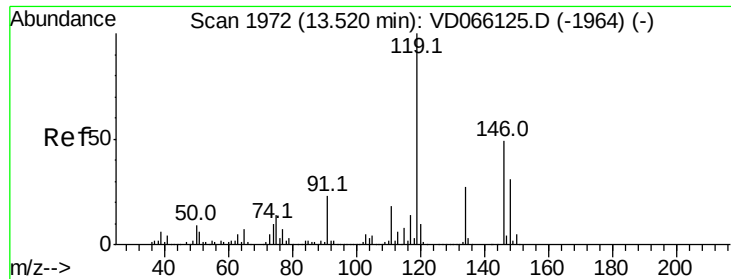


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

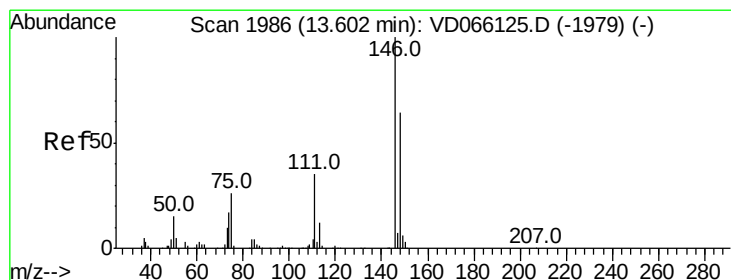
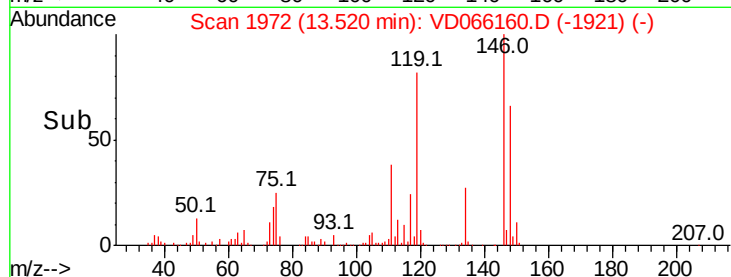
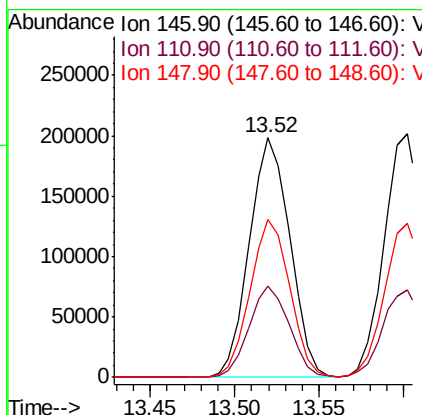
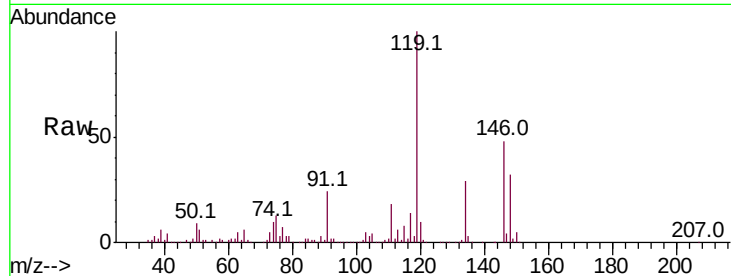




#87
 1,3-Dichlorobenzene
 Concen: 48.261 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

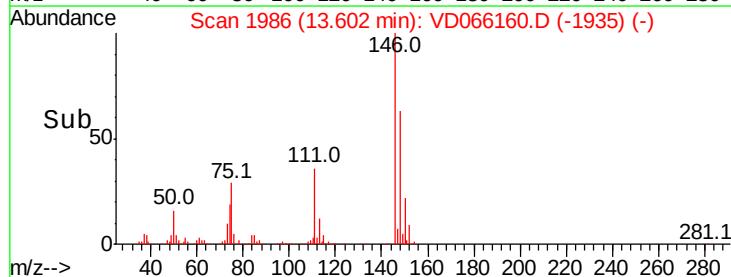
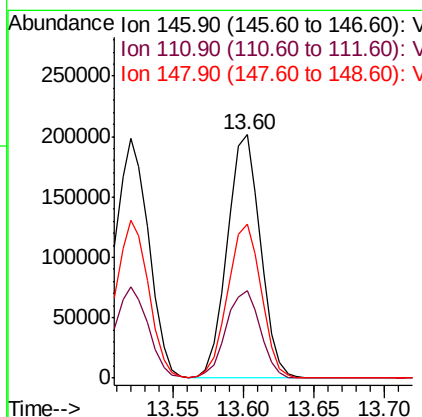
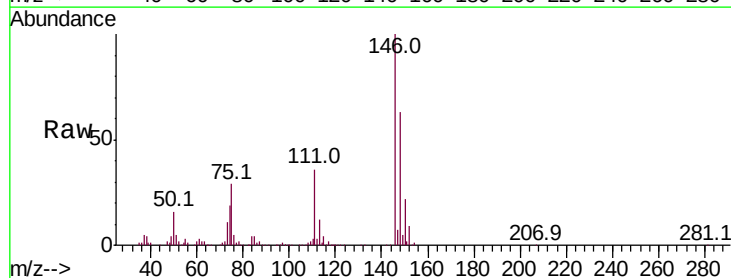
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

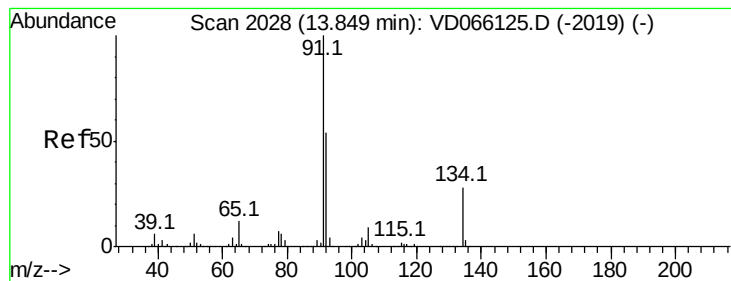
Tot Ion:146 Resp: 332002
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.131 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion:146 Resp: 330208
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 49.903 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

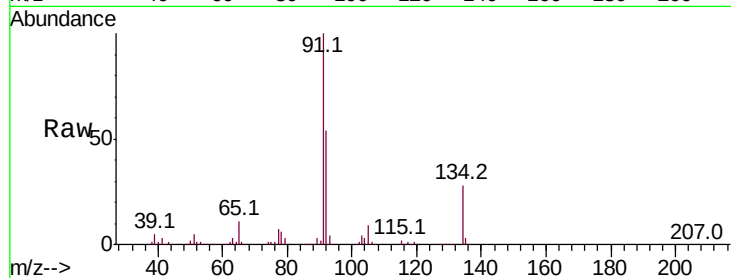
Tot Ion: 91 Resp: 592095

Ion Ratio Lower Upper

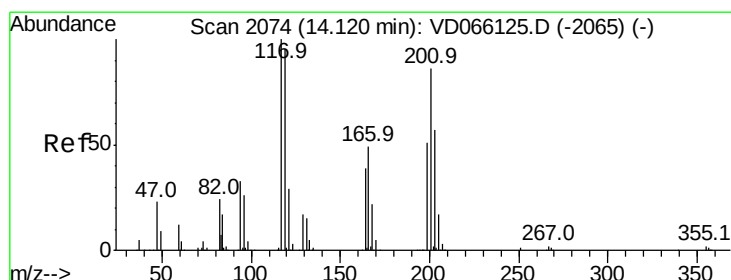
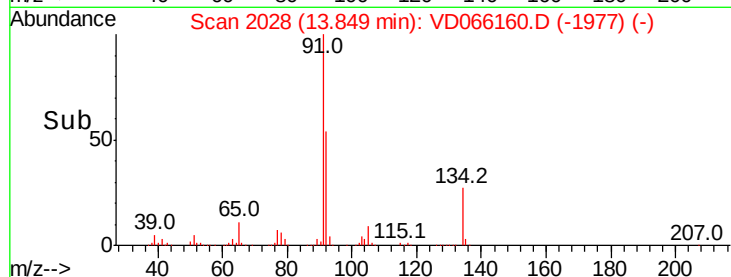
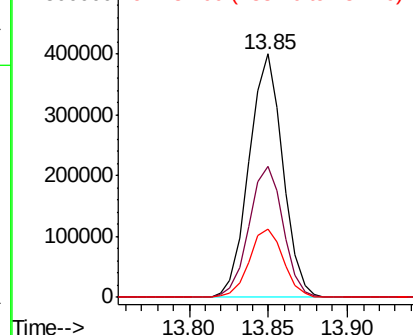
91 100

92 54.2 26.8 80.3

134 28.3 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.768 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD066160.D

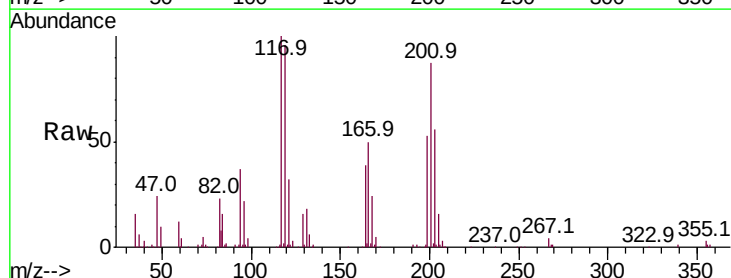
Acq: 07 Aug 2020 16:20

Tgt Ion: 117 Resp: 126162

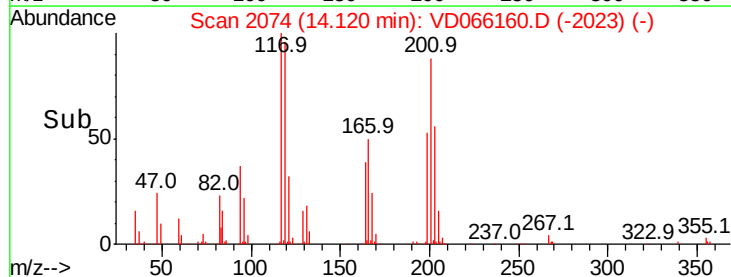
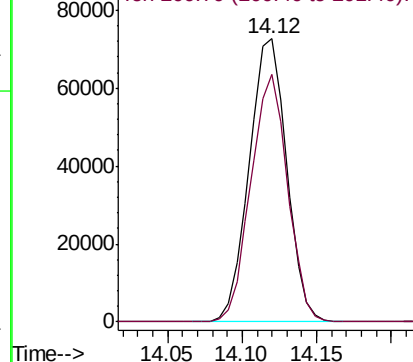
Ion Ratio Lower Upper

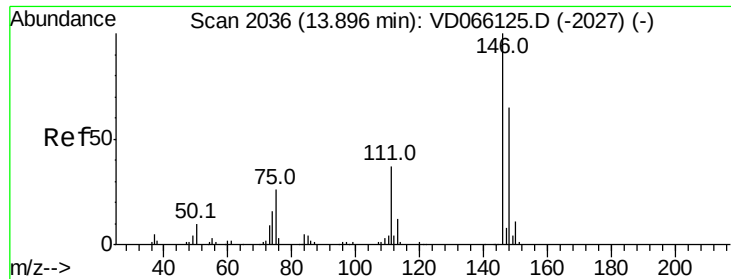
117 100

201 85.6 42.7 128.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

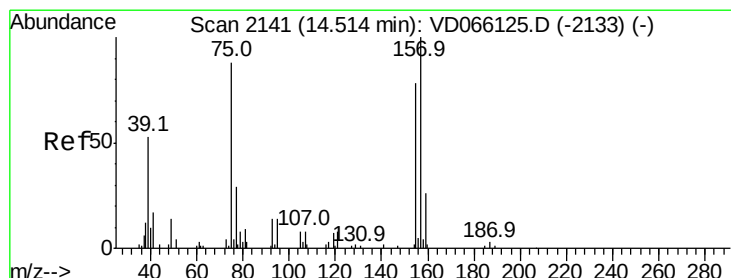
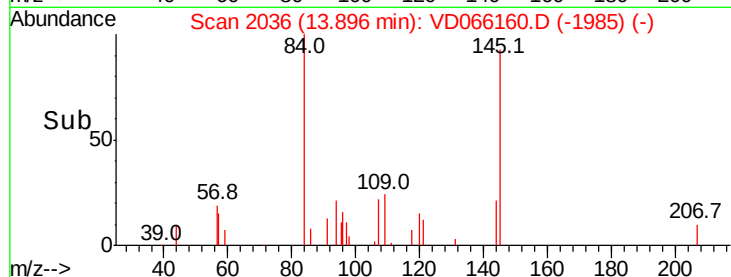
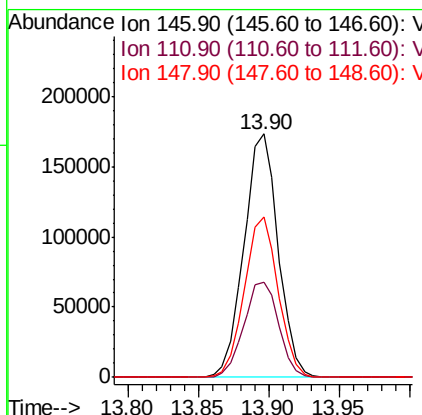
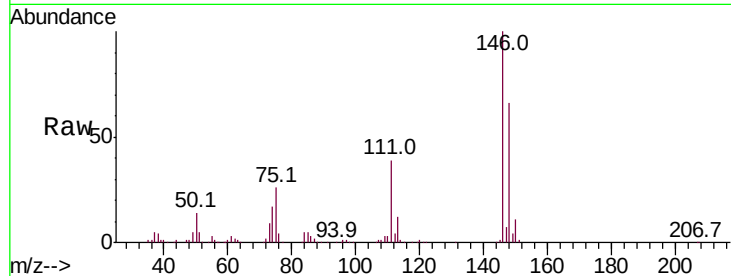




#91
 1,2-Dichlorobenzene
 Concen: 48.310 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

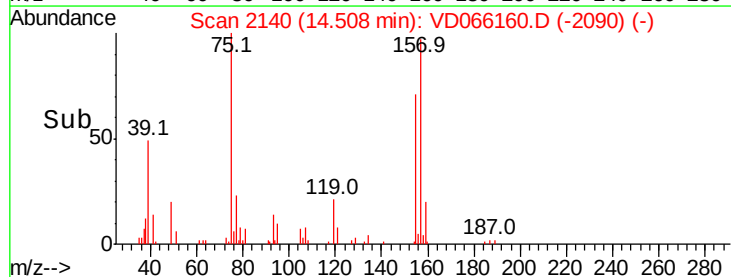
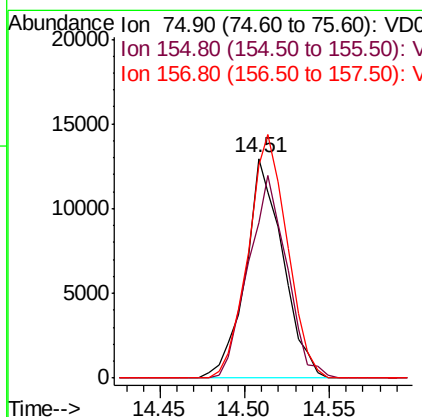
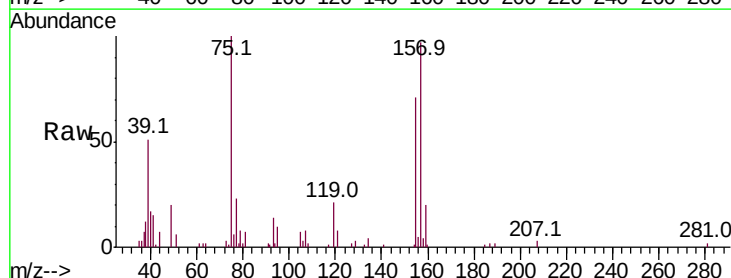
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

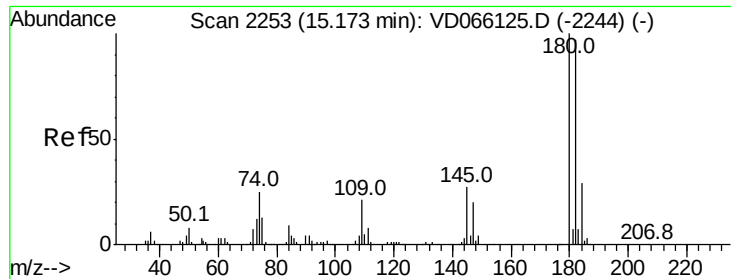
Tot Ion:146 Resp: 293910
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.8 56.3
 148 65.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.887 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 75 Resp: 19955
 Ion Ratio Lower Upper
 75 100
 155 94.3 47.7 143.1
 157 115.5 62.1 186.2

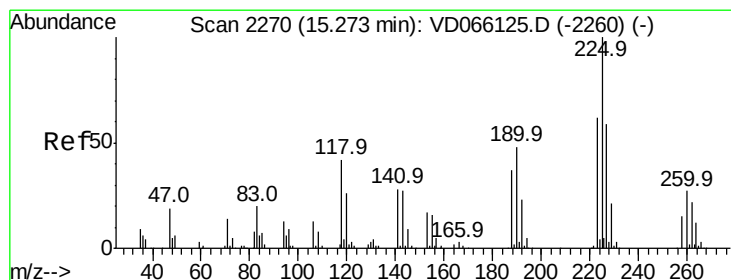
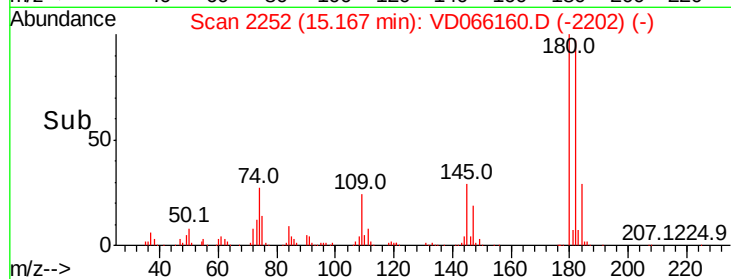
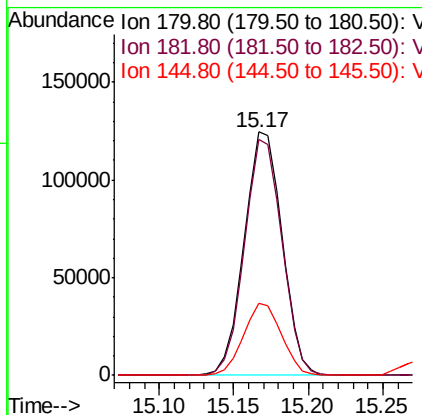
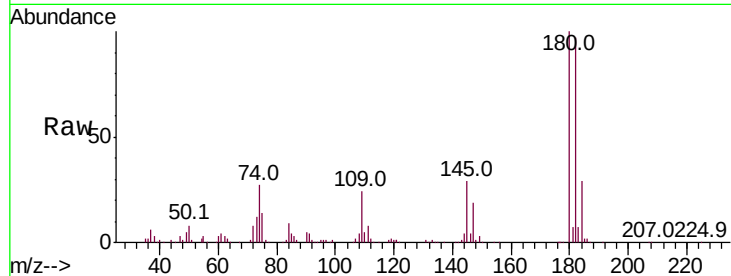




#93
 1,2,4-Trichlorobenzene
 Concen: 48.819 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

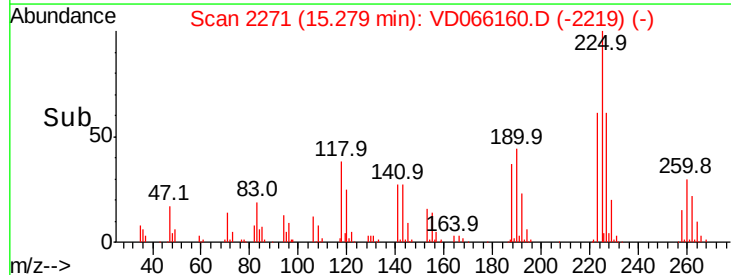
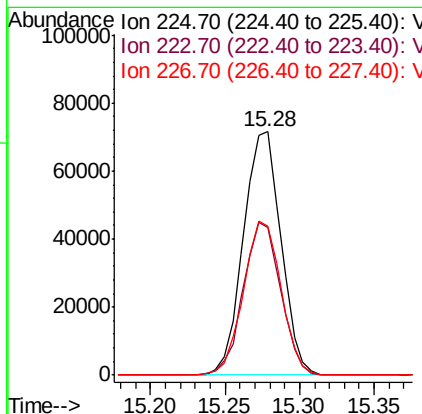
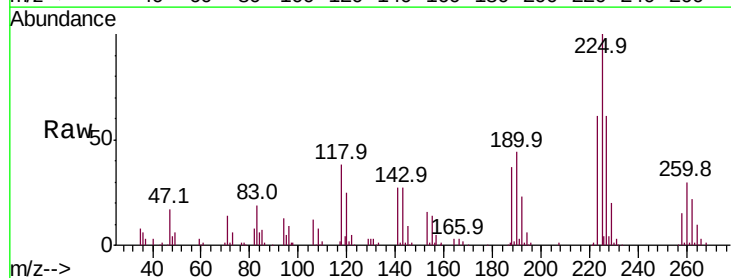
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

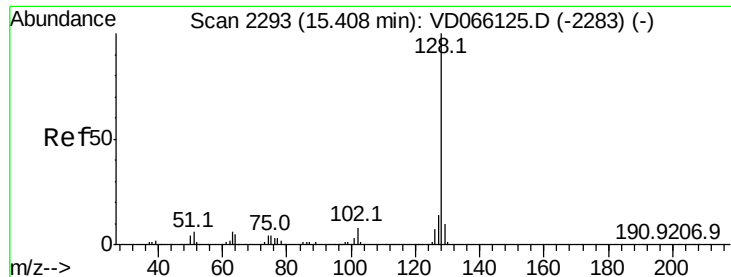
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.2
145	29.7	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 47.254 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.3	96.9
227	63.4	32.1	96.5

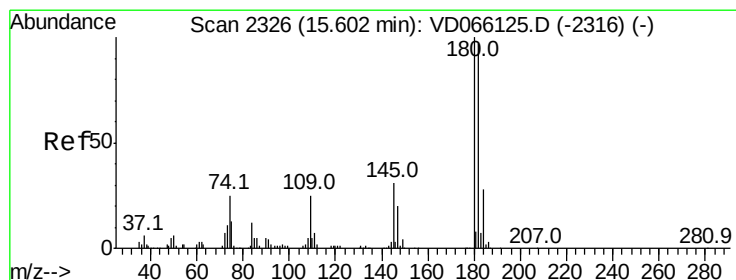
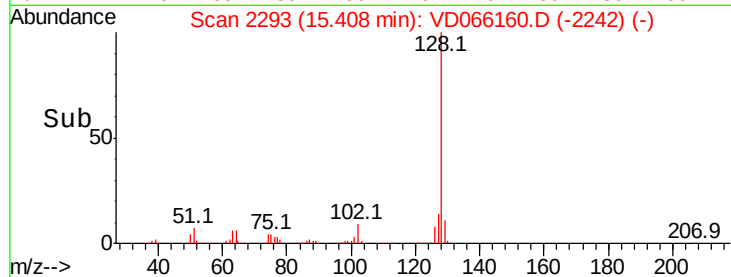
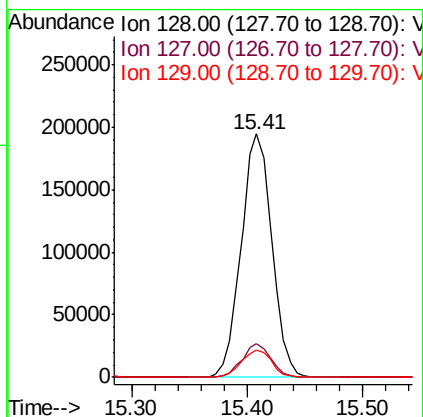
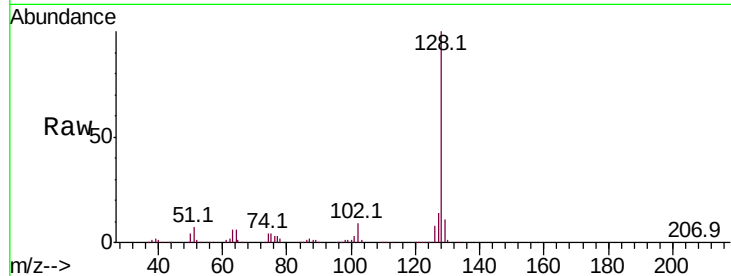




#95
Naphthalene
Concen: 49.281 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 360020
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.623 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion:180 Resp: 188487
Ion Ratio Lower Upper
180 100
182 96.5 47.1 141.4
145 31.0 14.9 44.9

