

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066133.D
 Acq On : 06 Aug 2020 14:35
 Operator : VA/SY
 Sample : VD0806SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Quant Time: Aug 07 01:25:25 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	7.97	168	334892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	486385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	149560	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.91	113	152591	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.34	98	587770	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.63	95	206641	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61775	20.937	ug/l	99
3) Chloromethane	2.20	50	41138	17.924	ug/l	98
4) Vinyl Chloride	2.34	62	39700	19.538	ug/l	98
5) Bromomethane	2.74	94	24383	18.086	ug/l	96
6) Chloroethane	2.91	64	24456	19.607	ug/l	99
7) Trichlorofluoromethane	3.26	101	98340	18.563	ug/l	95
8) Diethyl Ether	3.70	74	28963	19.376	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	61662	19.613	ug/l	98
10) Methyl Iodide	4.29	142	50118	21.871	ug/l	97
11) Tert butyl alcohol	5.17	59	10229	9.271	ug/l #	76
12) 1,1-Dichloroethene	4.05	96	56294	18.981	ug/l	97
13) Acrolein	3.91	56	23485	98.752	ug/l	98
14) Allyl chloride	4.70	41	85926	19.124	ug/l	98
15) Acrylonitrile	5.41	53	61493	97.625	ug/l	99
16) Acetone	4.16	43	55453	97.818	ug/l	99
17) Carbon Disulfide	4.40	76	177017	18.772	ug/l	97
18) Methyl Acetate	4.71	43	28991	20.133	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	126936	18.673	ug/l	99
20) Methylene Chloride	4.96	84	78091	21.309	ug/l	94
21) trans-1,2-Dichloroethene	5.46	96	62819	18.438	ug/l	92
22) Diisopropyl ether	6.36	45	174279	19.614	ug/l	97
23) Vinyl Acetate	6.30	43	508560	97.699	ug/l	99
24) 1,1-Dichloroethane	6.26	63	102860	18.706	ug/l	95
25) 2-Butanone	7.21	43	78758	94.456	ug/l	98
26) 2,2-Dichloropropane	7.20	77	97193	19.721	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	70638	19.767	ug/l	97
28) Bromochloromethane	7.54	49	43439	22.492	ug/l	93
29) Tetrahydrofuran	7.56	42	51895	100.455	ug/l	98
30) Chloroform	7.70	83	108113	18.724	ug/l	94
31) Cyclohexane	7.98	56	100431	19.187	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	102331	18.902	ug/l	100
36) 1,1-Dichloropropene	8.10	75	86661	18.961	ug/l	99
37) Ethyl Acetate	7.28	43	36135	19.954	ug/l	98
38) Carbon Tetrachloride	8.09	117	95967	18.829	ug/l	95

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 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	106879	19.344	ug/l	97
40) Benzene	8.34	78	241617	19.056	ug/l	97
41) Methacrylonitrile	7.55	41	53093	49.864	ug/l #	21
42) 1,2-Dichloroethane	8.43	62	71684	19.245	ug/l	97
43) Isopropyl Acetate	8.45	43	67795	19.001	ug/l	97
44) Trichloroethene	9.11	130	73643	19.275	ug/l	97
45) 1,2-Dichloropropane	9.38	63	59251	19.107	ug/l	93
46) Dibromomethane	9.47	93	32813	19.210	ug/l	98
47) Bromodichloromethane	9.66	83	82805	18.342	ug/l	96
48) Methyl methacrylate	9.45	41	36466	20.015	ug/l	98
49) 1,4-Dioxane	9.46	88	8786	400.371	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	176736	96.432	ug/l	100
52) Toluene	10.40	92	161116	19.311	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	80638	18.822	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	95296	18.985	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	45196	18.376	ug/l	95
56) Ethyl methacrylate	10.66	69	57644	19.510	ug/l	97
57) 1,3-Dichloropropane	10.94	76	77185	18.903	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	143280	107.807	ug/l	97
59) 2-Hexanone	10.98	43	121138	94.179	ug/l	100
60) Dibromochloromethane	11.14	129	60348	17.772	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45237	19.125	ug/l	98
64) Tetrachloroethene	10.87	164	63433	18.666	ug/l	95
65) Chlorobenzene	11.67	112	169929	18.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	65462	18.623	ug/l	98
67) Ethyl Benzene	11.74	91	300007	19.271	ug/l	97
68) m/p-Xylenes	11.86	106	231595	38.396	ug/l	97
69) o-Xylene	12.18	106	105599	19.246	ug/l	99
70) Styrene	12.20	104	186563	19.402	ug/l	98
71) Bromoform	12.36	173	39718	19.071	ug/l #	98
73) Isopropylbenzene	12.48	105	295908	19.073	ug/l	100
74) N-amyl acetate	12.29	43	66054	19.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	50699	19.164	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	66207	34.159	ug/l #	100
77) Bromobenzene	12.76	156	76123	19.061	ug/l	98
78) n-propylbenzene	12.82	91	345288	19.146	ug/l	100
79) 2-Chlorotoluene	12.91	91	196475	19.048	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	248132	19.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16982	19.368	ug/l	97
82) 4-Chlorotoluene	13.01	91	207126	19.023	ug/l	100
83) tert-Butylbenzene	13.23	119	215272	18.866	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	244050	18.795	ug/l	98
85) sec-Butylbenzene	13.40	105	294993	19.148	ug/l	99
86) p-Isopropyltoluene	13.52	119	280649	19.423	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	144221	19.214	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	140652	18.790	ug/l	99
89) n-Butylbenzene	13.85	91	254879	19.688	ug/l	99
90) Hexachloroethane	14.11	117	54280	18.836	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	124771	18.796	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9068	19.944	ug/l	98

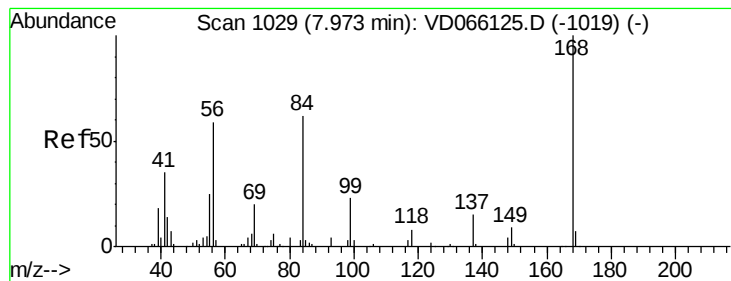
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	90551	18.510	ug/l	97
94) Hexachlorobutadiene	15.27	225	51805	17.984	ug/l	97
95) Naphthalene	15.41	128	152612	19.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81035	18.765	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

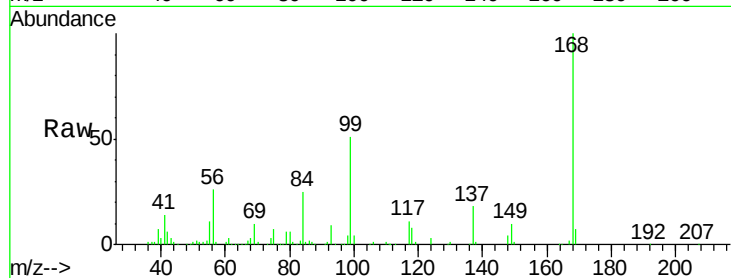
VD0806SBSD01

Tot Ion:168 Resp: 334892

Ion Ratio Lower Upper

168 100

99 51.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

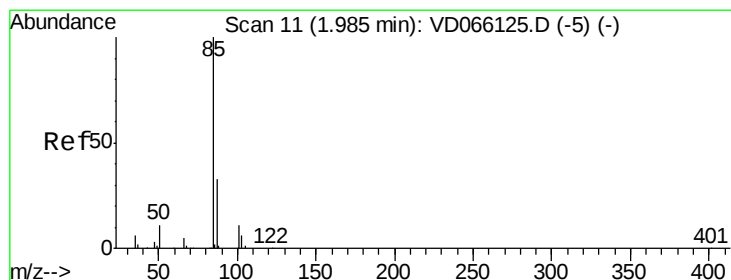
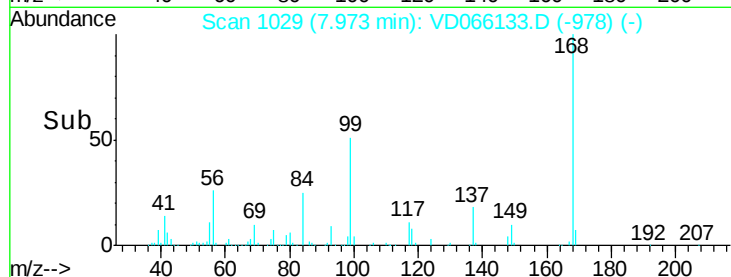
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.937 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066133.D

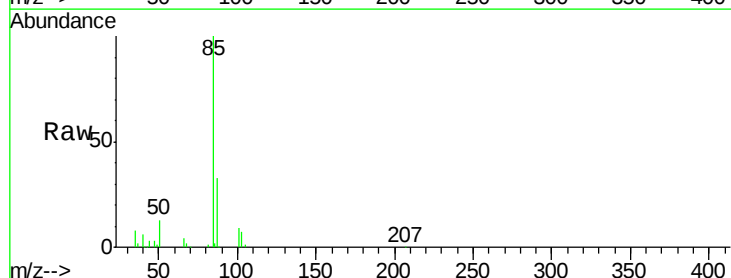
Acq: 06 Aug 2020 14:35

Tgt Ion: 85 Resp: 61775

Ion Ratio Lower Upper

85 100

87 32.8 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

50000

40000

30000

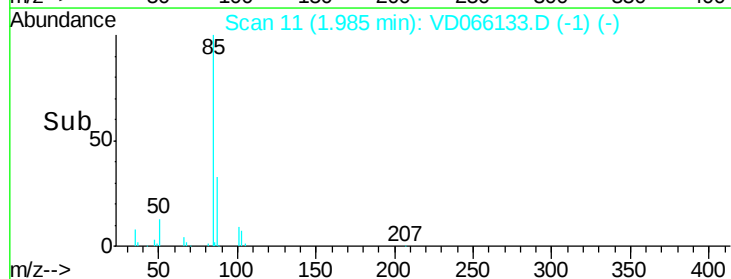
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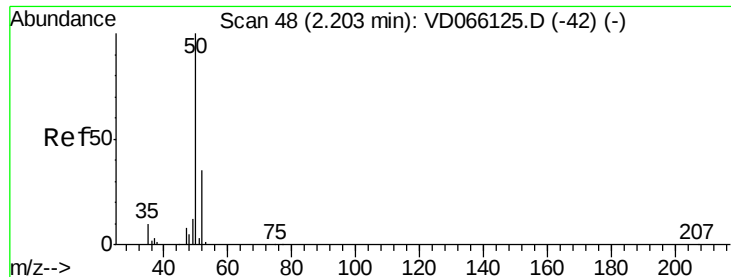
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 17.924 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

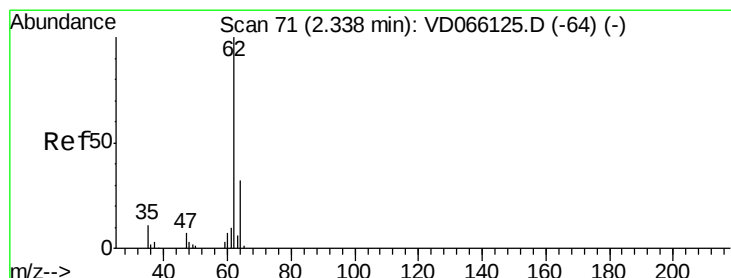
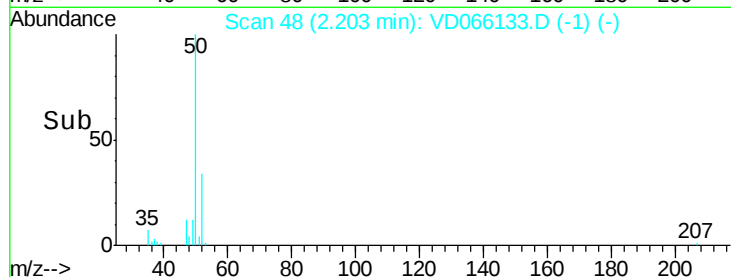
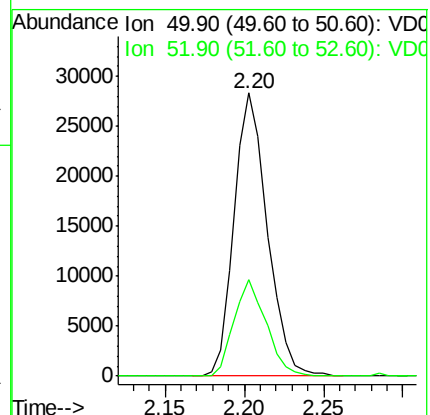
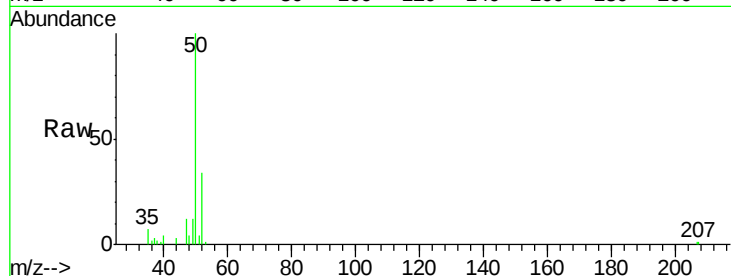
VD0806SBSD01

Tot Ion: 50 Resp: 41138

Ion Ratio Lower Upper

50 100

52 33.9 27.9 41.9



#4

Vinyl Chloride

Concen: 19.538 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.00 min

Lab File: VD066133.D

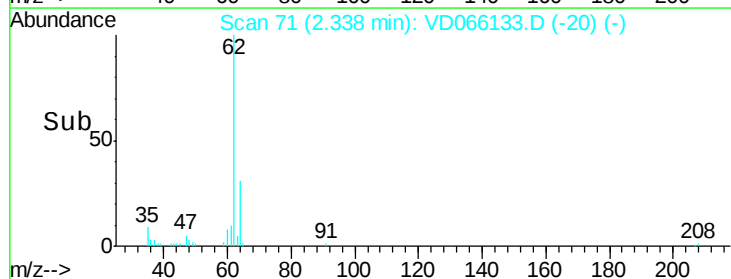
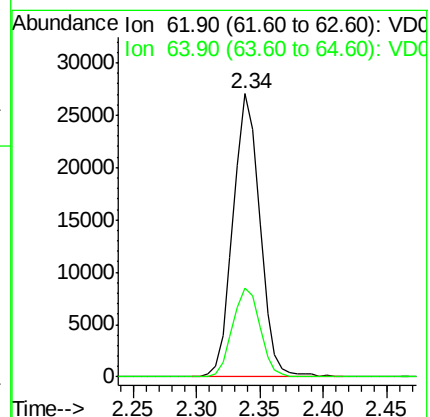
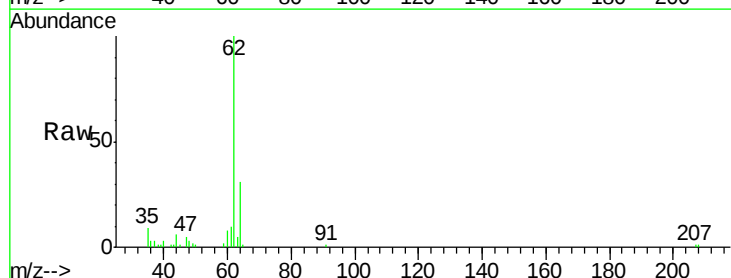
Acq: 06 Aug 2020 14:35

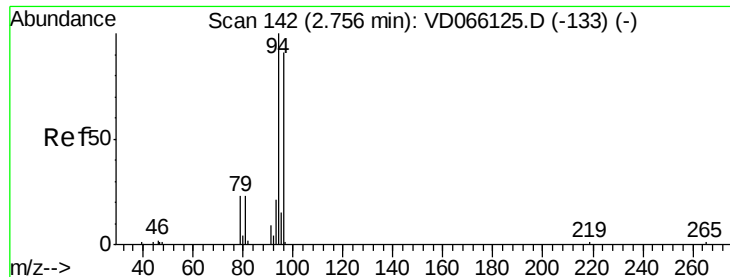
Tgt Ion: 62 Resp: 39700

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 18.086 ug/l

RT: 2.74 min Scan# 139

Delta R.T. -0.02 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

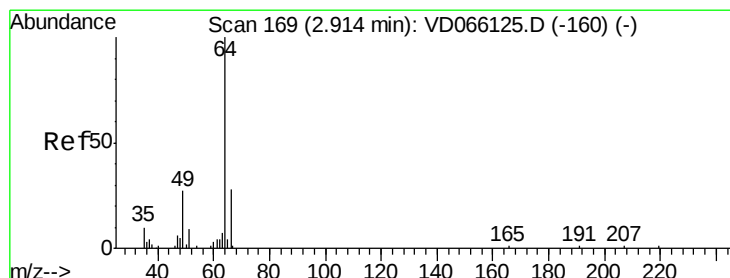
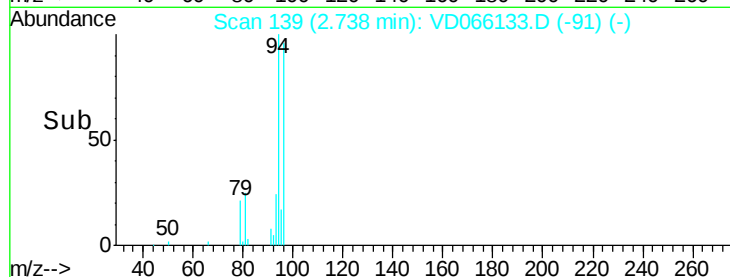
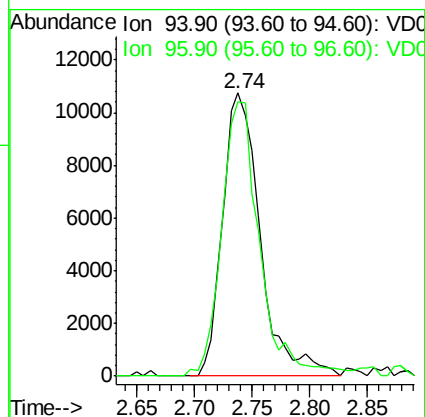
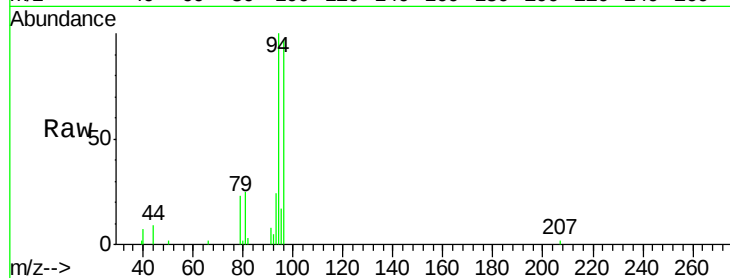
VD0806SBSD01

Tot Ion: 94 Resp: 24383

Ion Ratio Lower Upper

94 100

96 94.9 72.6 109.0



#6

Chloroethane

Concen: 19.607 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066133.D

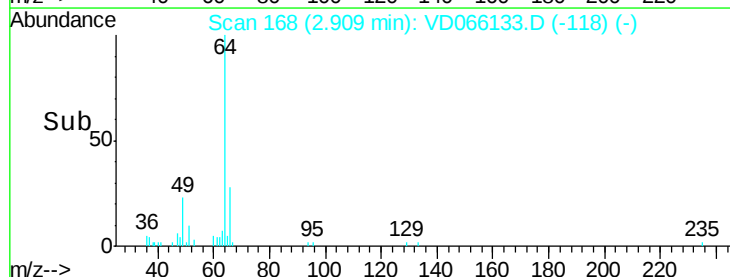
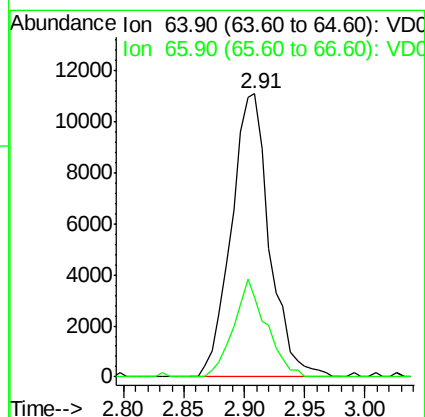
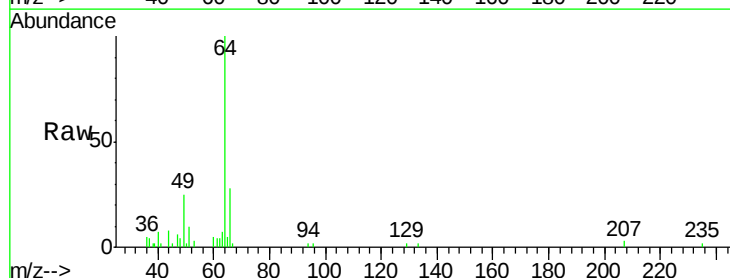
Acq: 06 Aug 2020 14:35

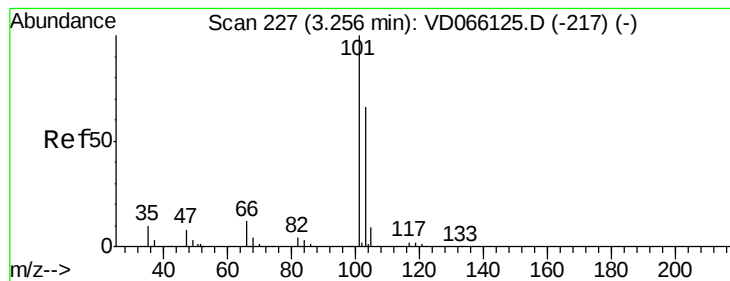
Tgt Ion: 64 Resp: 24456

Ion Ratio Lower Upper

64 100

66 28.2 22.0 33.0





#7

Trichlorofluoromethane

Concen: 18.563 ug/l

RT: 3.26 min Scan# 227

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

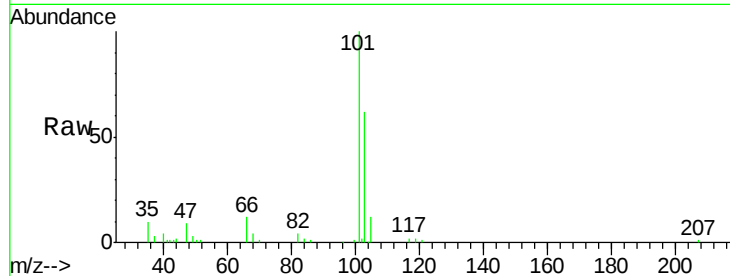
VD0806SBSD01

Tot Ion:101 Resp: 98340

Ion Ratio Lower Upper

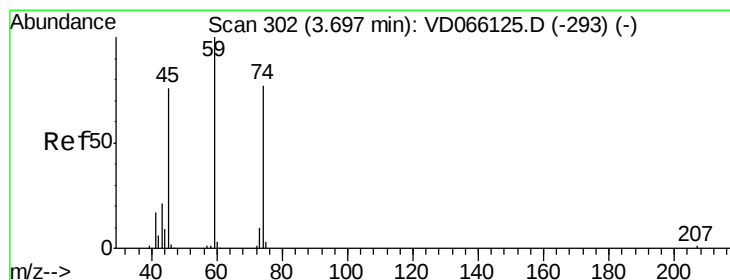
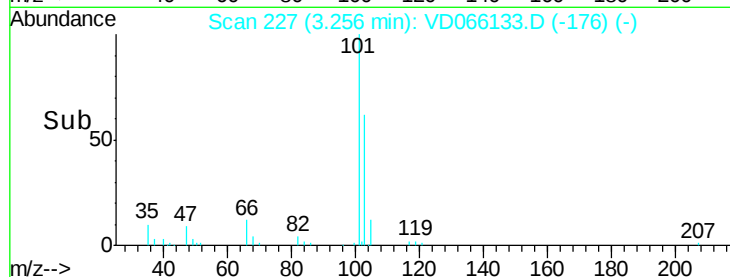
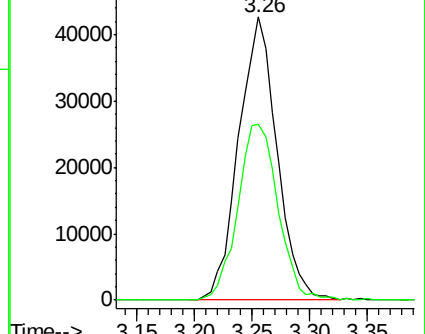
101 100

103 62.3 53.0 79.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.376 ug/l

RT: 3.70 min Scan# 302

Delta R.T. -0.00 min

Lab File: VD066133.D

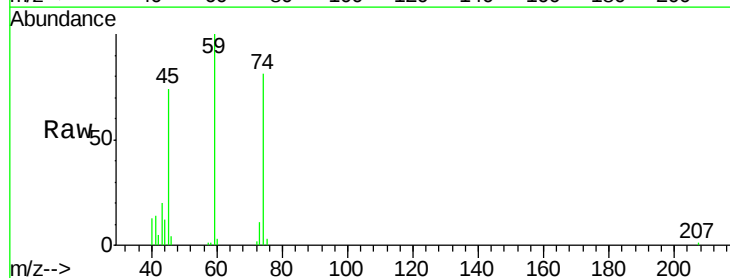
Acq: 06 Aug 2020 14:35

Tgt Ion: 74 Resp: 28963

Ion Ratio Lower Upper

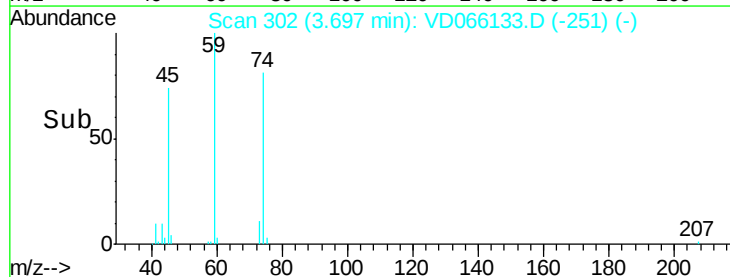
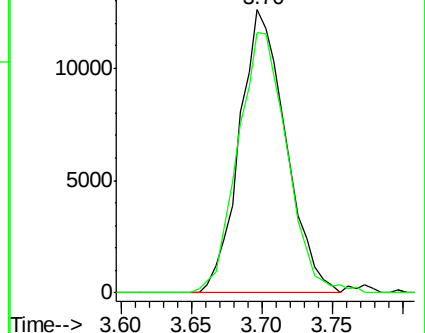
74 100

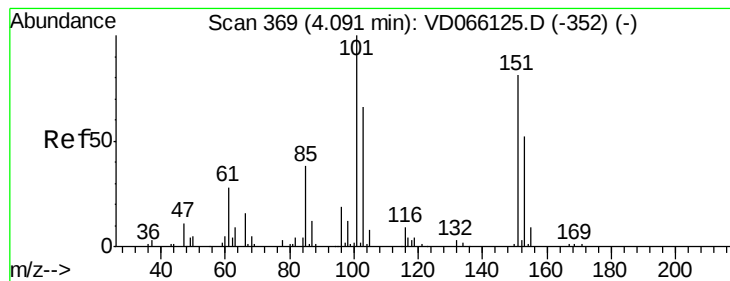
45 97.4 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.613 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

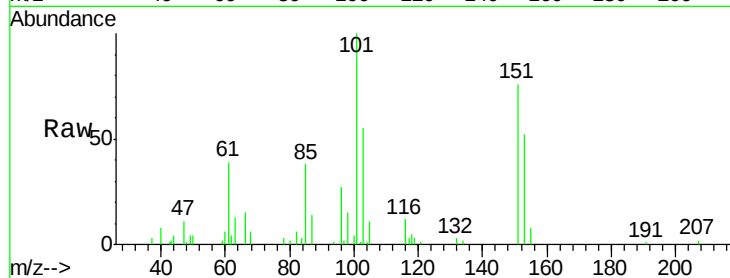
Tot Ion:101 Resp: 61662

Ion Ratio Lower Upper

101 100

85 41.9 33.5 50.3

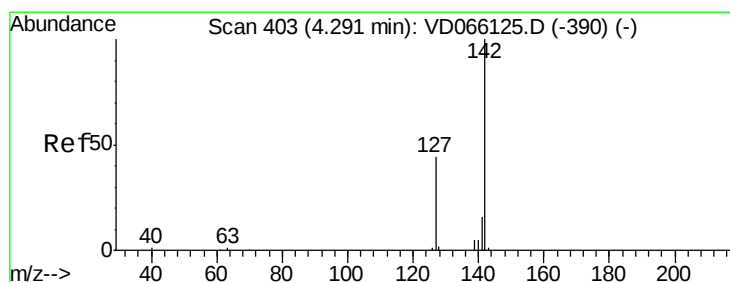
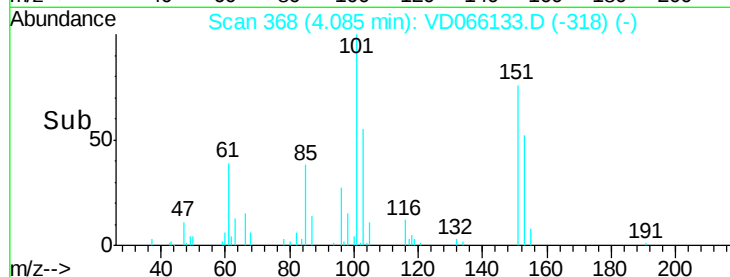
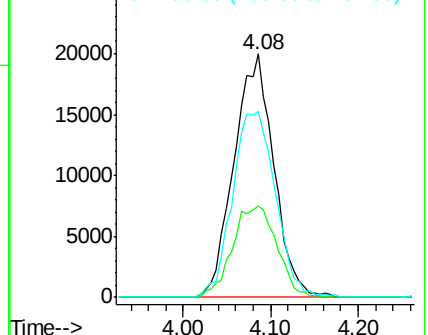
151 82.4 67.8 101.8



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: 21.871 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

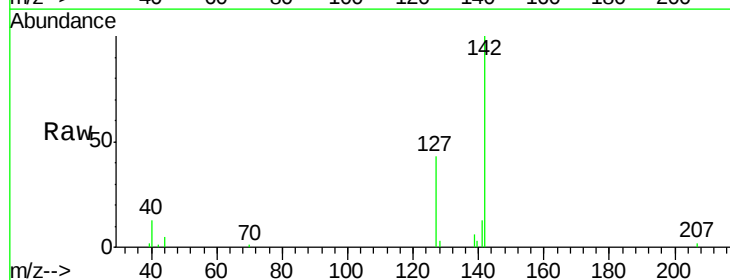
Tgt Ion:142 Resp: 50118

Ion Ratio Lower Upper

142 100

127 42.7 36.2 54.4

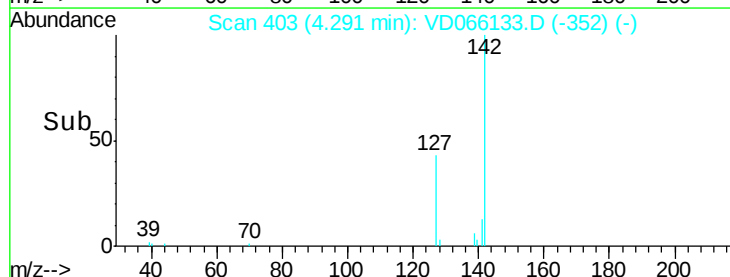
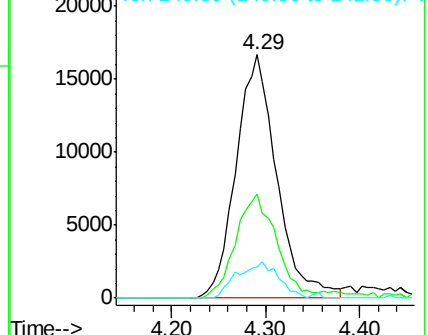
141 14.9 12.6 18.8

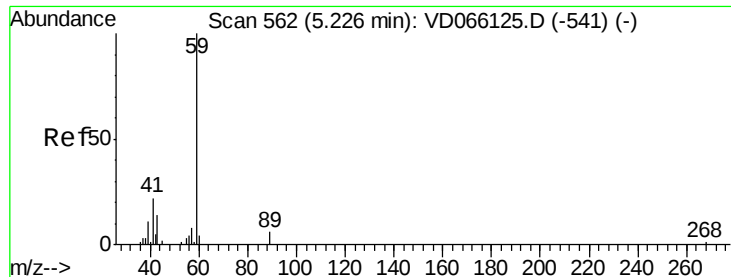


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



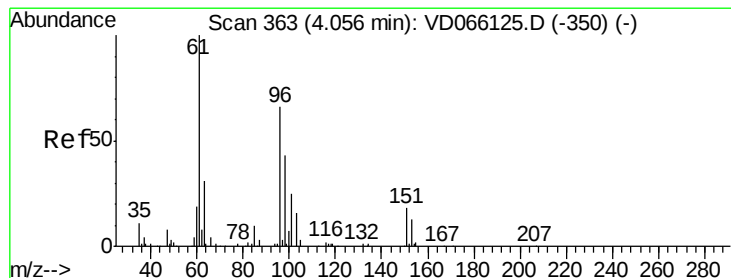
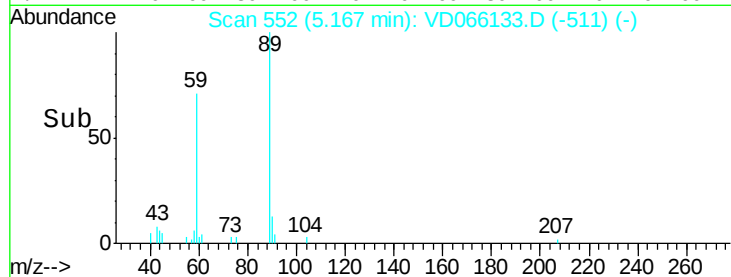
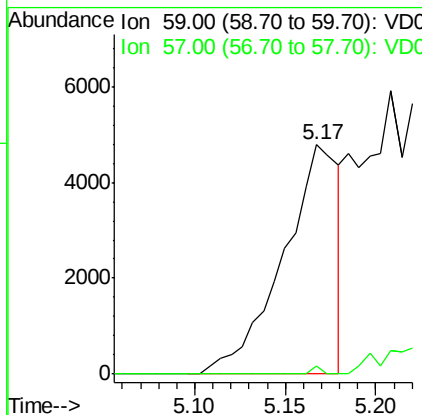
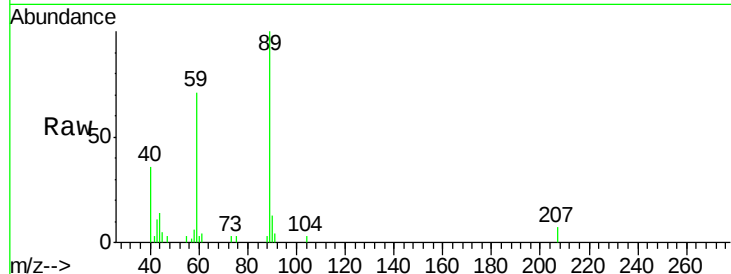


#11

Tert butyl alcohol
 Concen: 9.271 ug/l
 RT: 5.17 min Scan# 552
 Delta R.T. -0.06 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

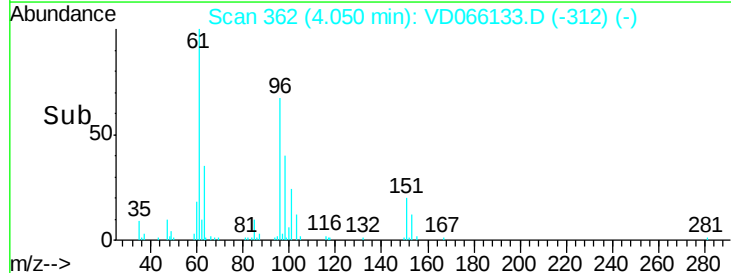
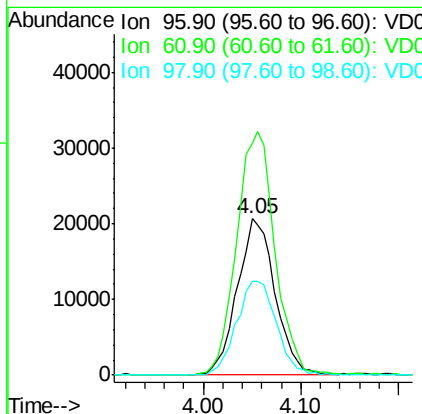
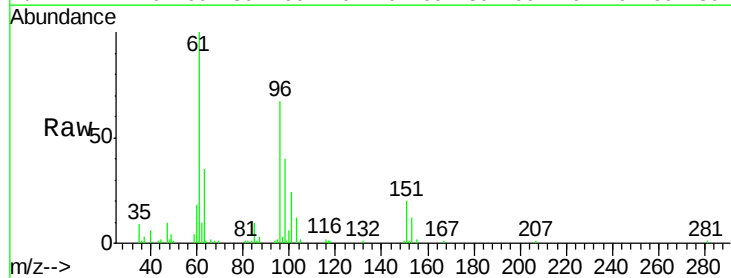
Tot Ion: 59 Resp: 10229
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

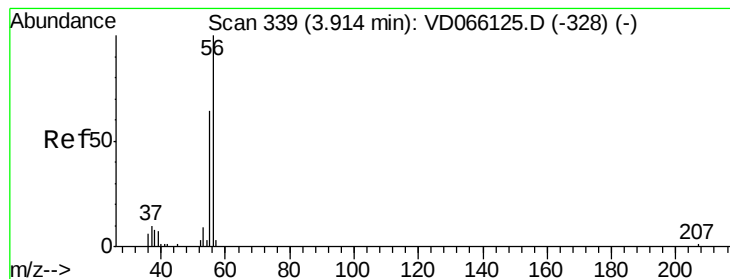


#12

1,1-Dichloroethene
 Concen: 18.981 ug/l
 RT: 4.05 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion: 96 Resp: 56294
 Ion Ratio Lower Upper
 96 100
 61 148.9 121.6 182.4
 98 60.2 52.0 78.0





#13

Acrolein

Concen: 98.752 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

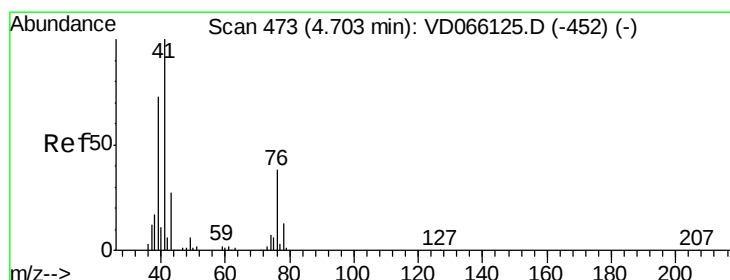
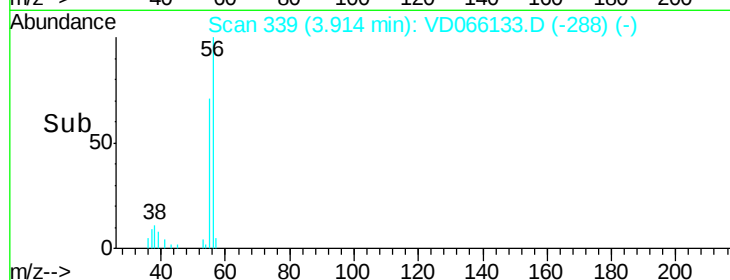
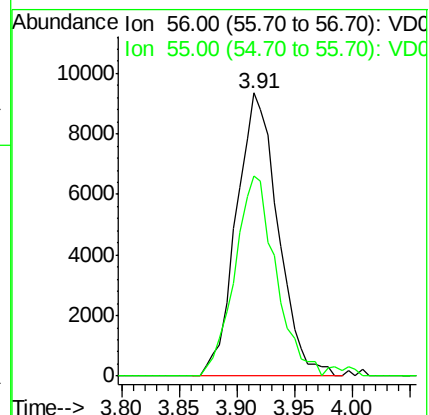
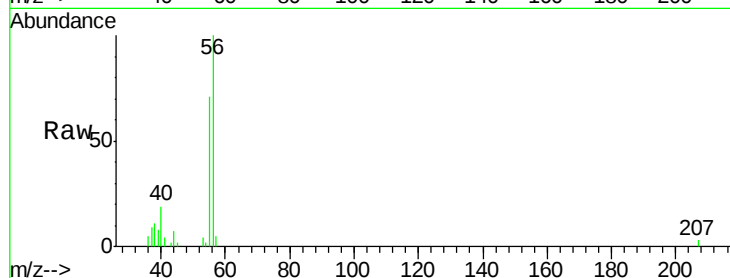
VD0806SBSD01

Tot Ion: 56 Resp: 23485

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 19.124 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

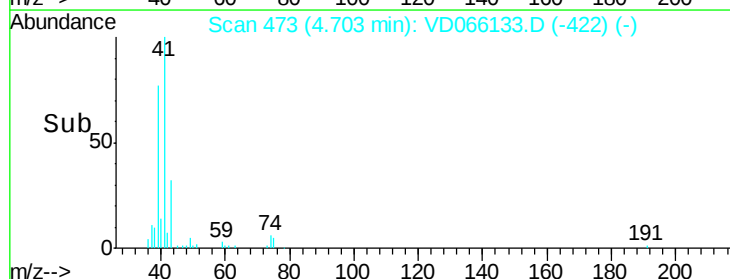
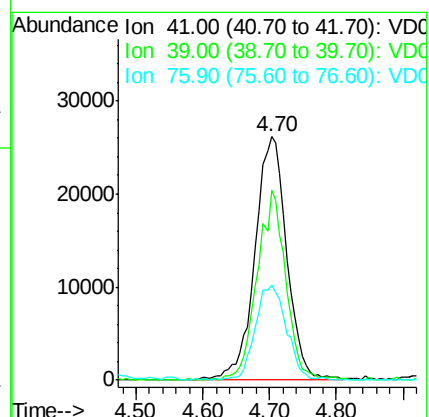
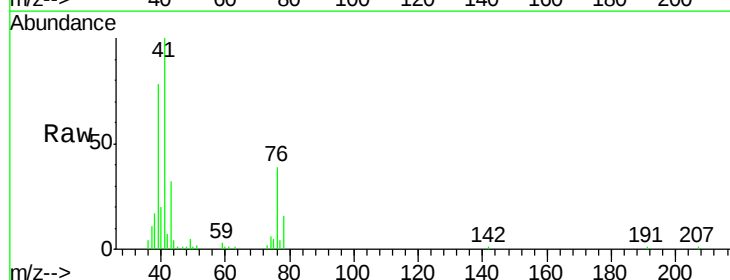
Tgt Ion: 41 Resp: 85926

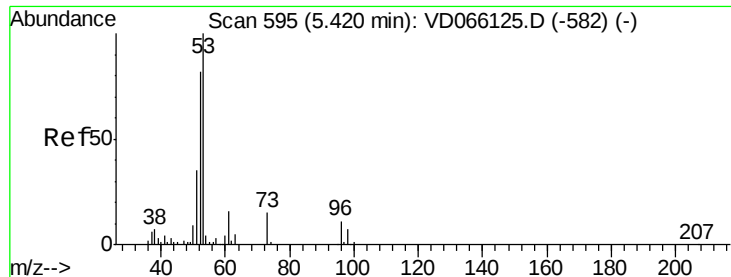
Ion Ratio Lower Upper

41 100

39 70.1 57.4 86.0

76 38.2 30.1 45.1





#15

Acrylonitrile

Concen: 97.625 ug/l

RT: 5.41 min Scan# 593

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

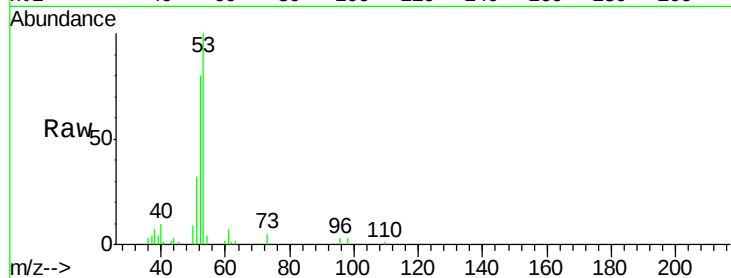
Tot Ion: 53 Resp: 61493

Ion Ratio Lower Upper

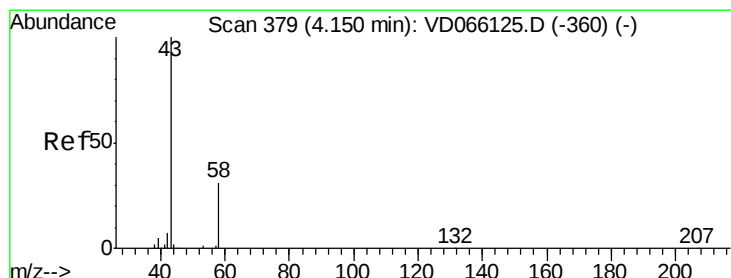
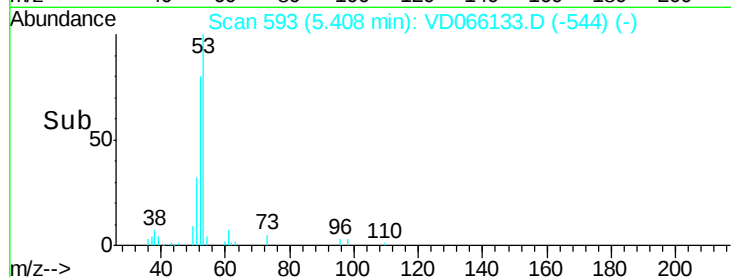
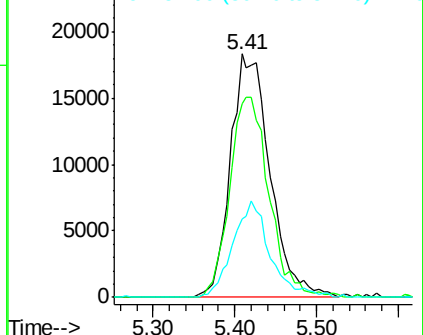
53 100

52 81.5 66.1 99.1

51 37.3 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: 97.818 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066133.D

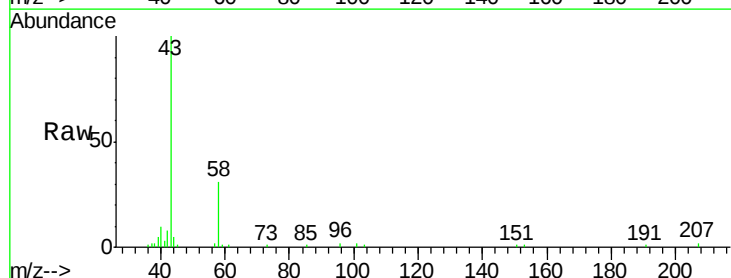
Acq: 06 Aug 2020 14:35

Tgt Ion: 43 Resp: 55453

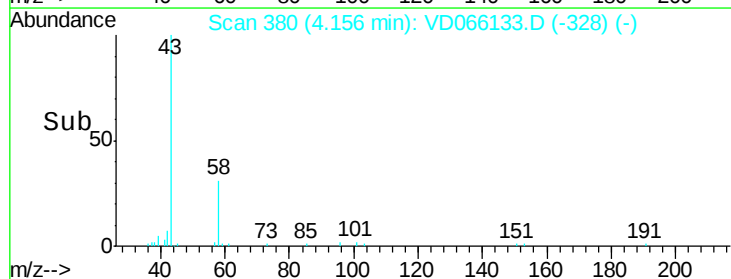
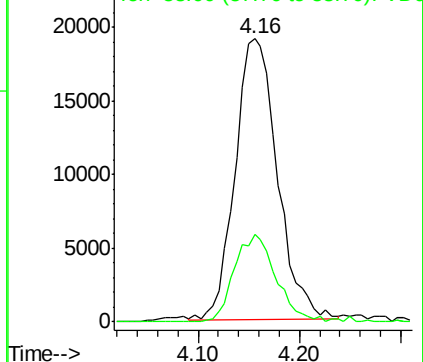
Ion Ratio Lower Upper

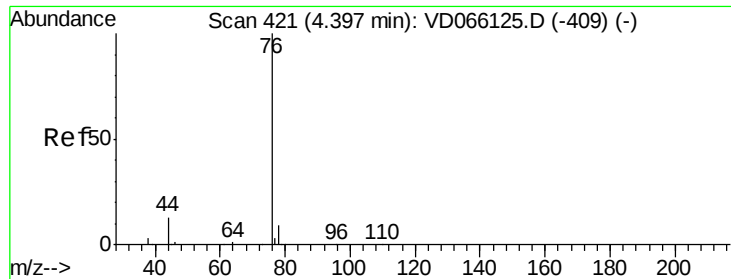
43 100

58 31.3 24.7 37.1



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

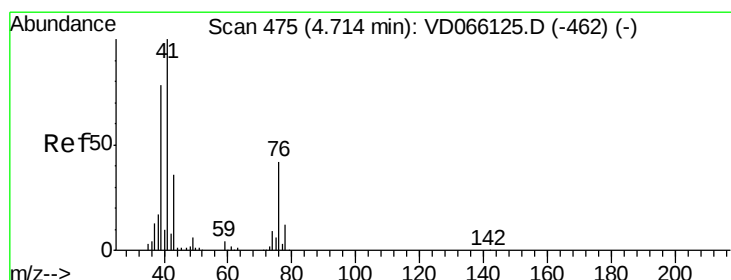
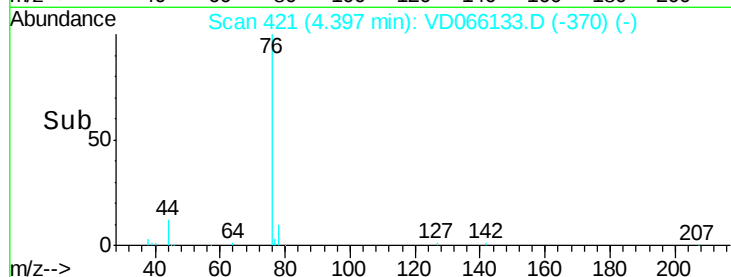
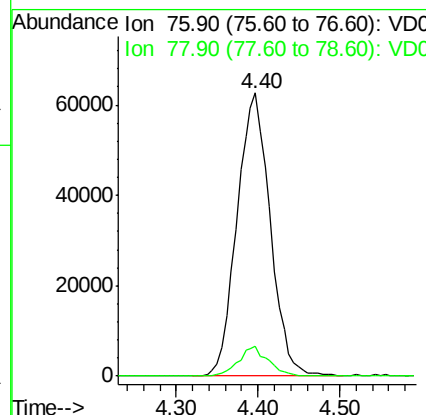
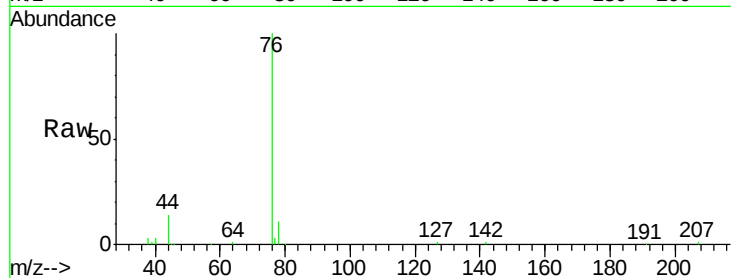




#17
Carbon Disulfide
Concen: 18.772 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

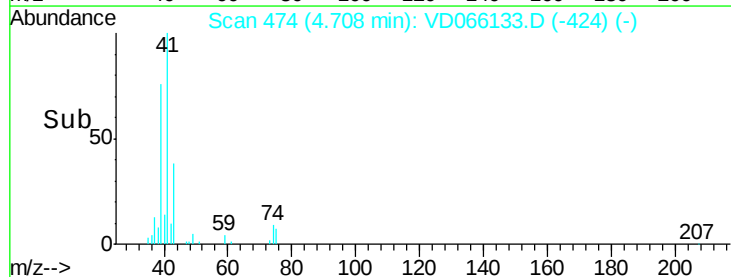
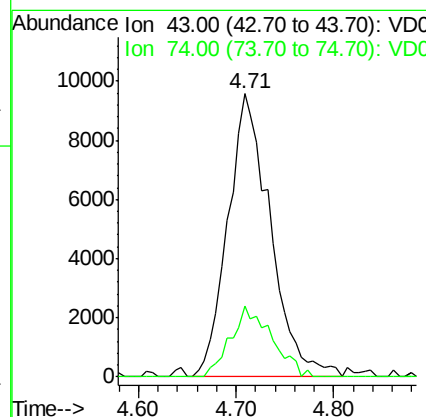
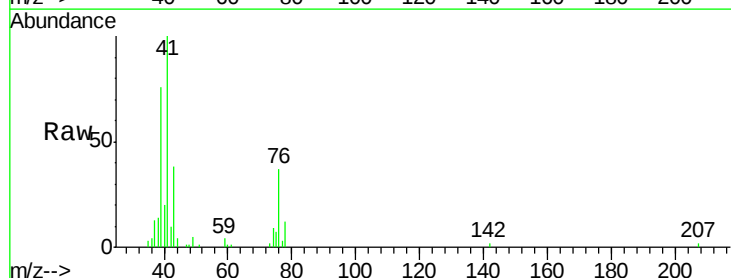
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

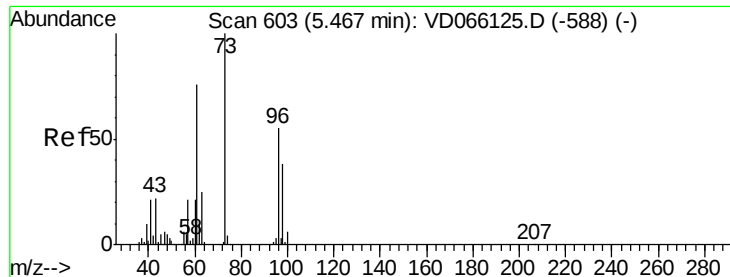
Tot Ion: 76 Resp: 177017
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#18
Methyl Acetate
Concen: 20.133 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 43 Resp: 28991
Ion Ratio Lower Upper
43 100
74 24.0 21.2 31.8

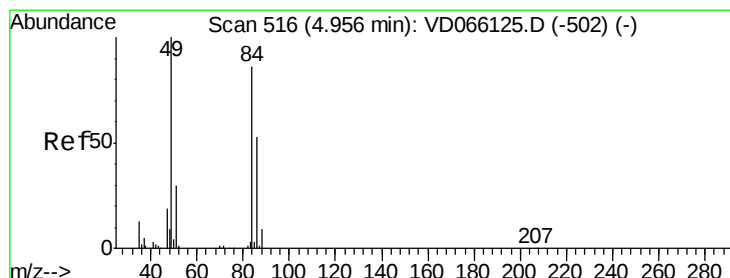
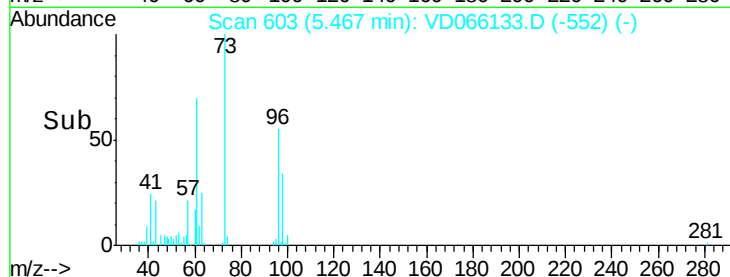
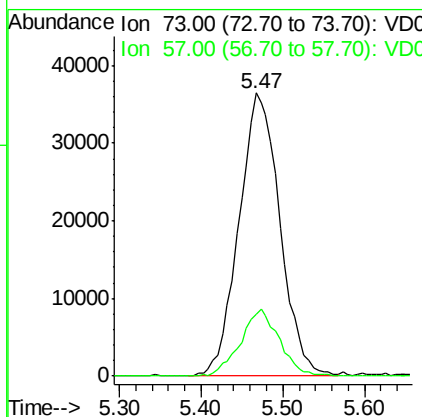
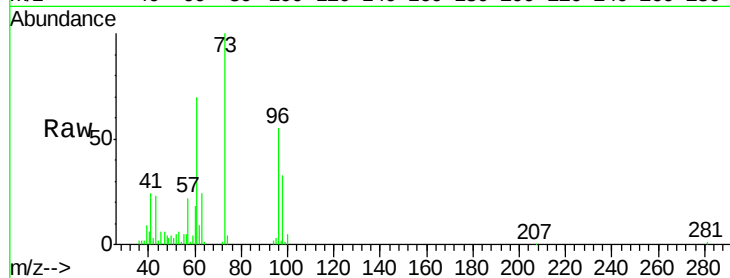




#19
Methyl tert-butyl Ether
Concen: 18.673 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

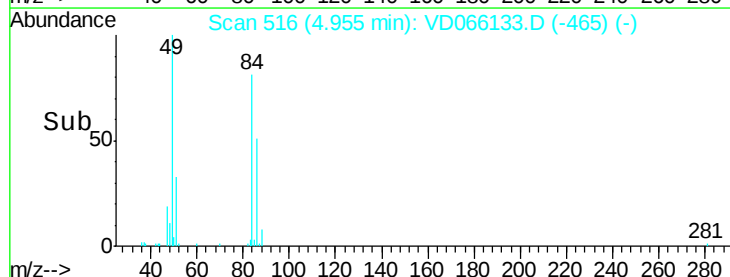
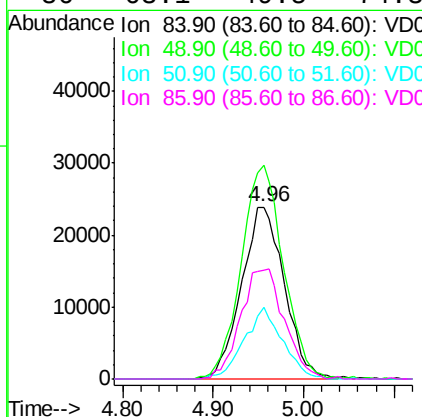
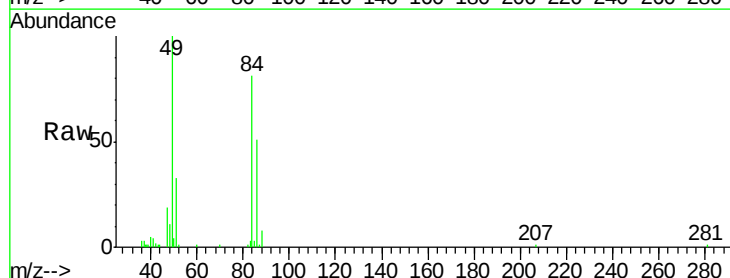
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

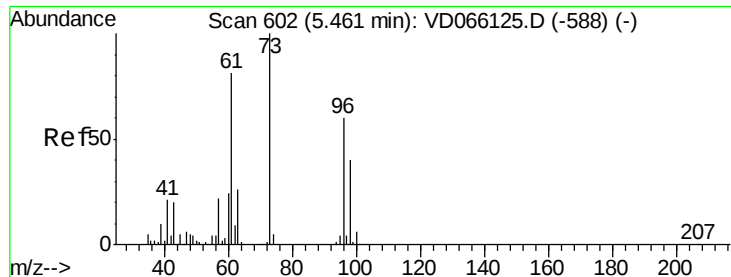
Tot Ion: 73 Resp: 126936
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 21.309 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 84 Resp: 78091
Ion Ratio Lower Upper
84 100
49 124.1 93.5 140.3
51 41.3 28.2 42.4
86 63.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.438 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

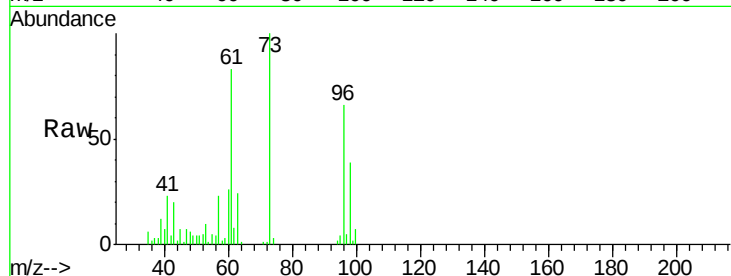
Tot Ion: 96 Resp: 62819

Ion Ratio Lower Upper

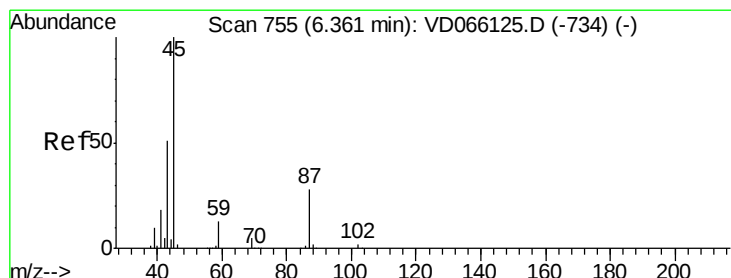
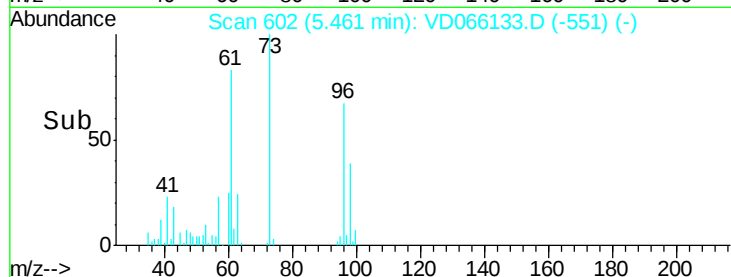
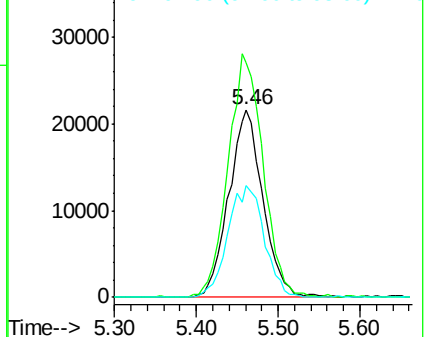
96 100

61 124.9 106.9 160.3

98 59.2 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: 19.614 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Tgt Ion: 45 Resp: 174279

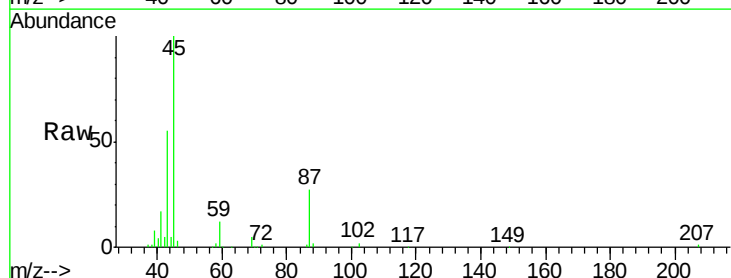
Ion Ratio Lower Upper

45 100

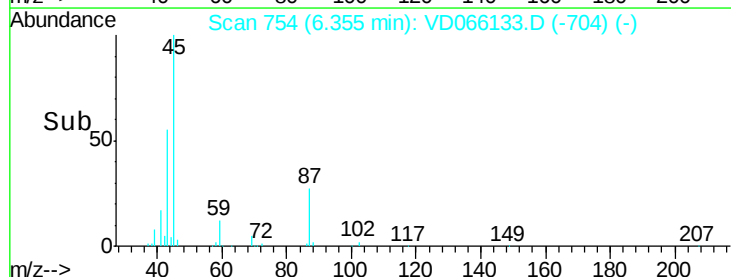
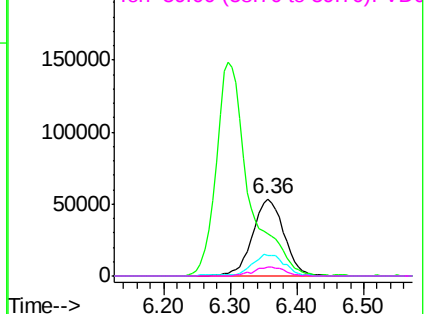
43 54.4 41.2 61.8

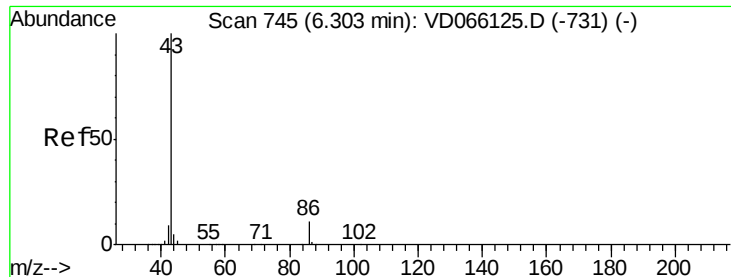
87 27.5 22.8 34.2

59 11.9 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: 97.699 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

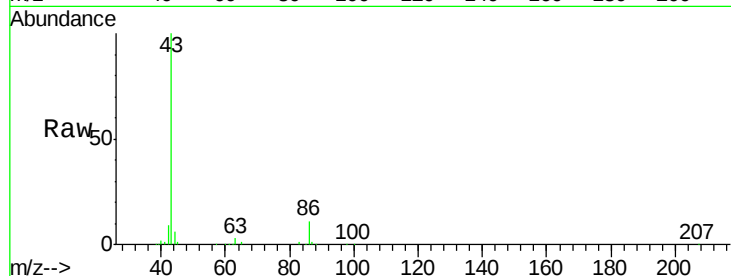
VD0806SBSD01

Tot Ion: 43 Resp: 508560

Ion Ratio Lower Upper

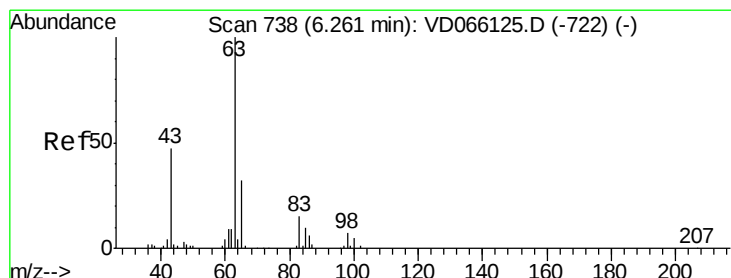
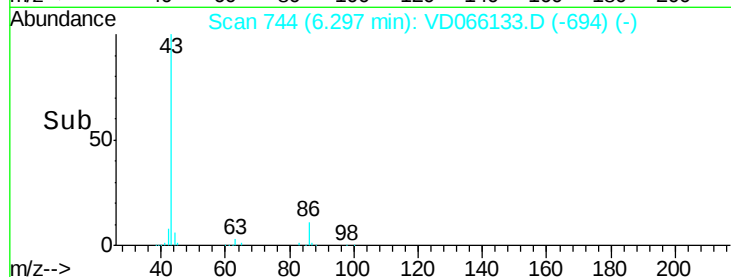
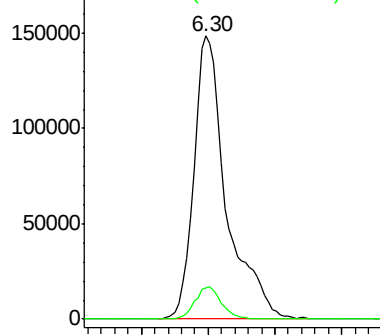
43 100

86 11.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.706 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

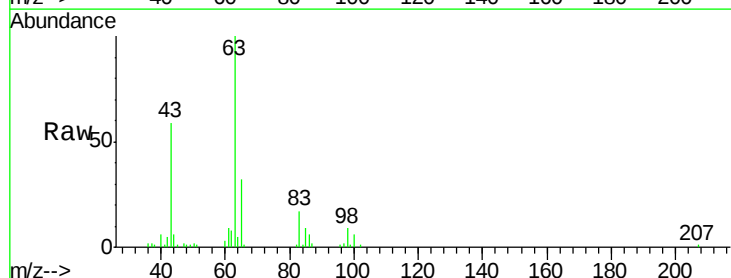
Tgt Ion: 63 Resp: 102860

Ion Ratio Lower Upper

63 100

98 9.1 3.5 10.5

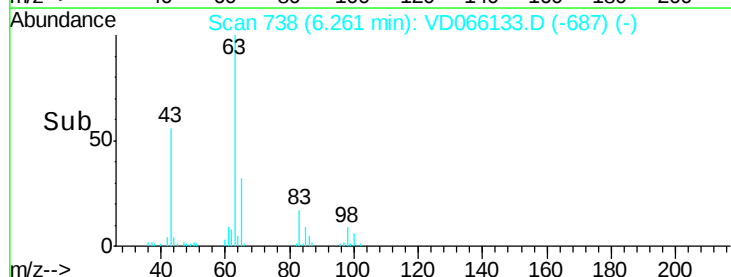
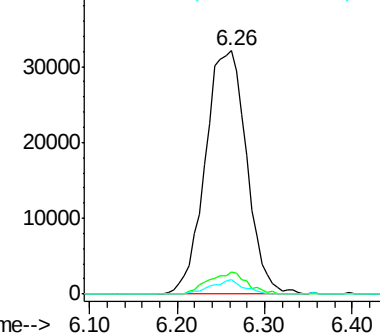
100 6.2 2.4 7.2

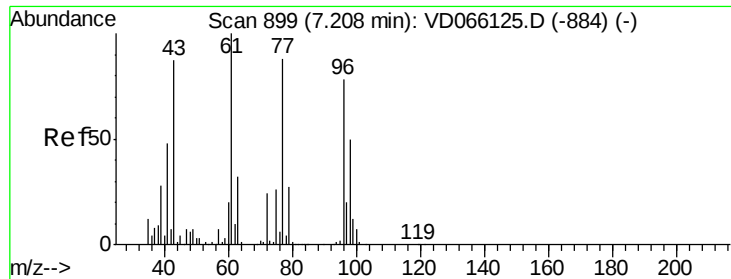


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 94.456 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

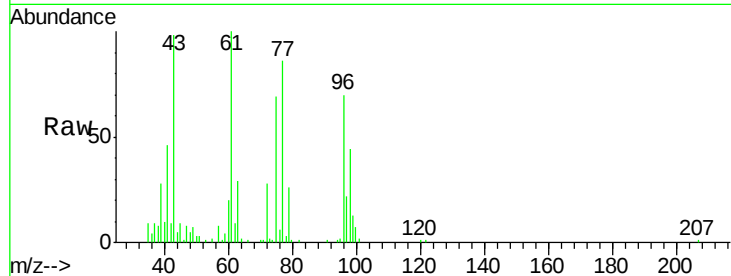
VD0806SBSD01

Tot Ion: 43 Resp: 78758

Ion Ratio Lower Upper

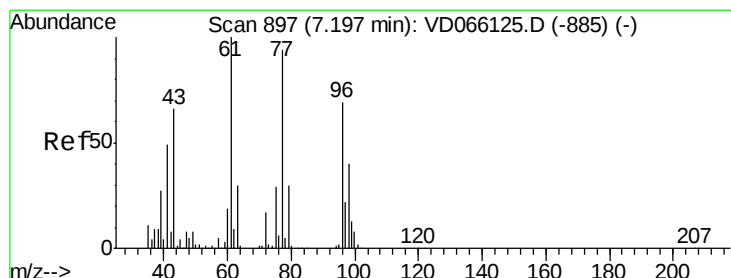
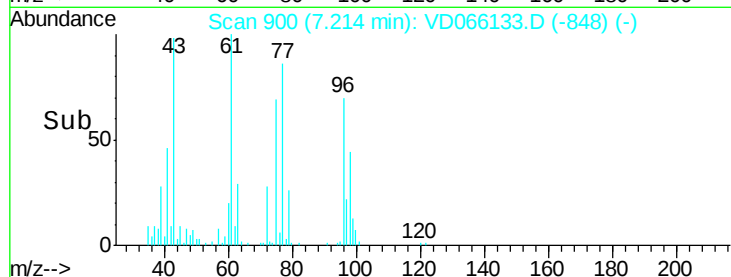
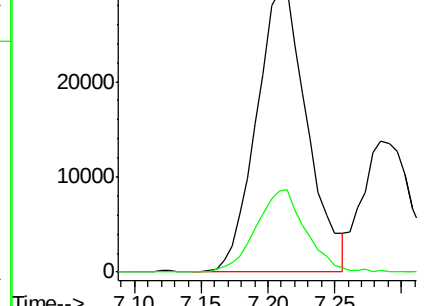
43 100

72 29.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.721 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066133.D

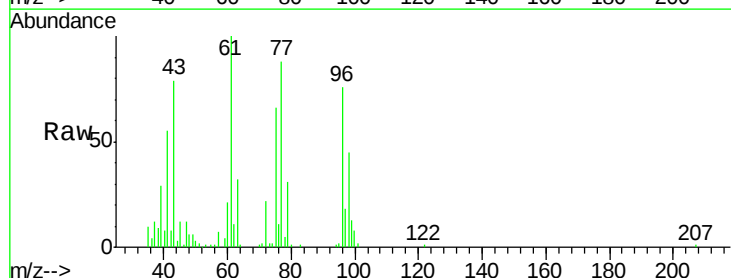
Acq: 06 Aug 2020 14:35

Tgt Ion: 77 Resp: 97193

Ion Ratio Lower Upper

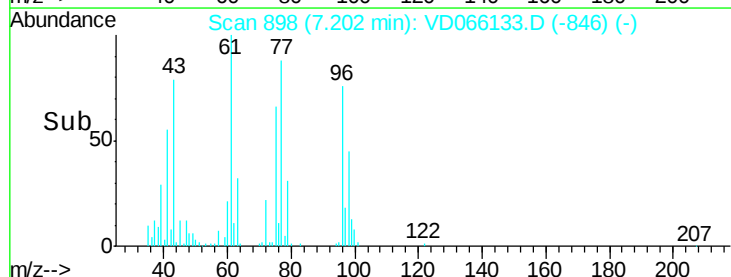
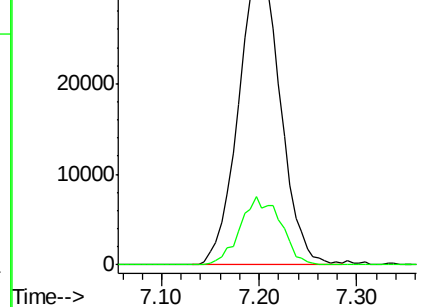
77 100

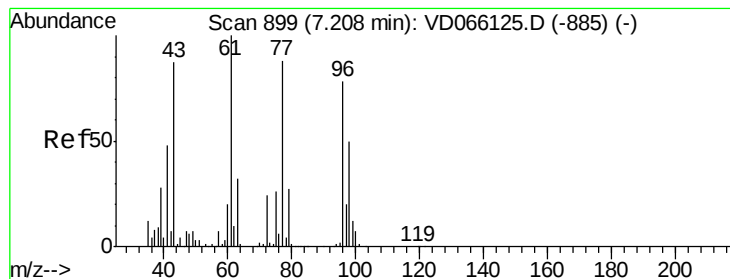
97 22.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



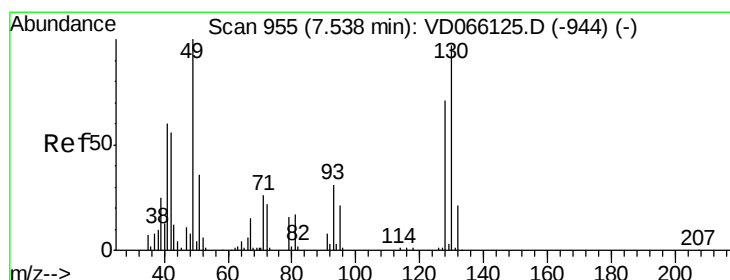
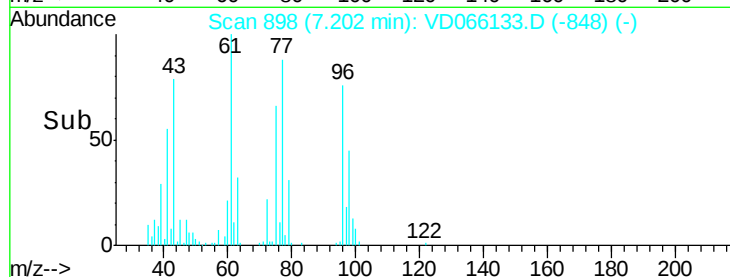
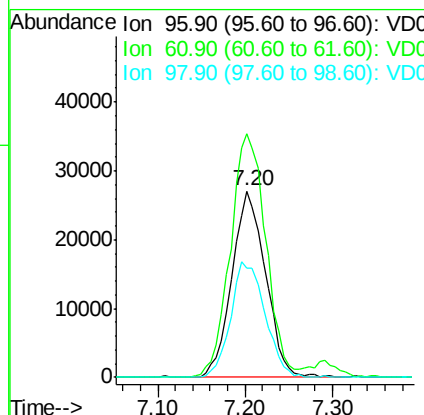
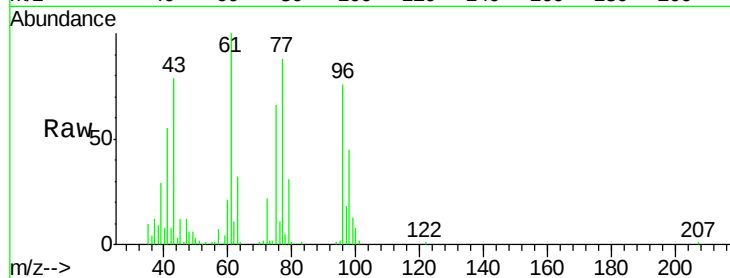


#27

cis-1,2-Dichloroethene
 Concen: 19.767 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

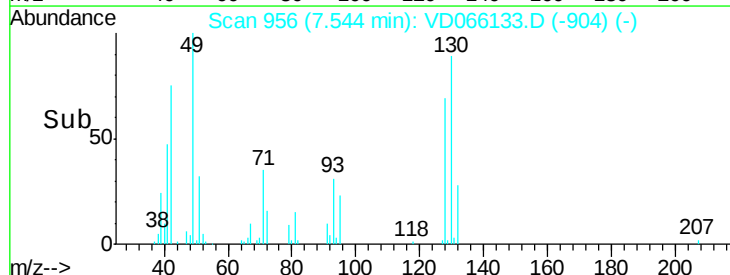
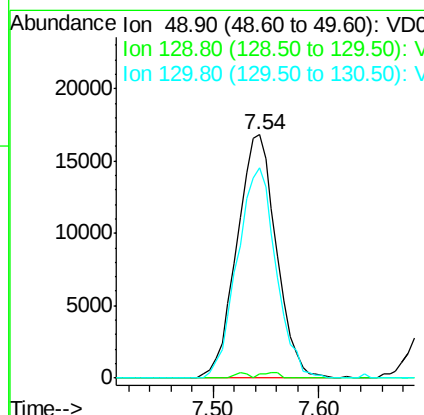
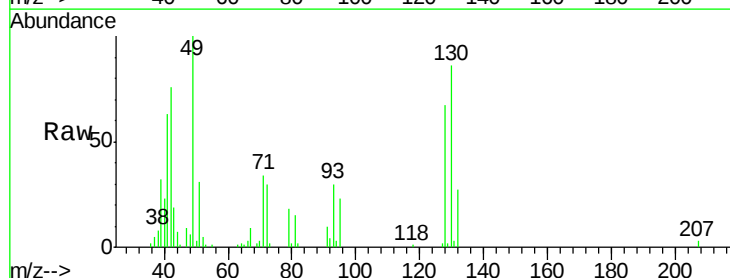
Tot Ion: 96 Resp: 70638
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 281.6
 98 62.8 0.0 130.8

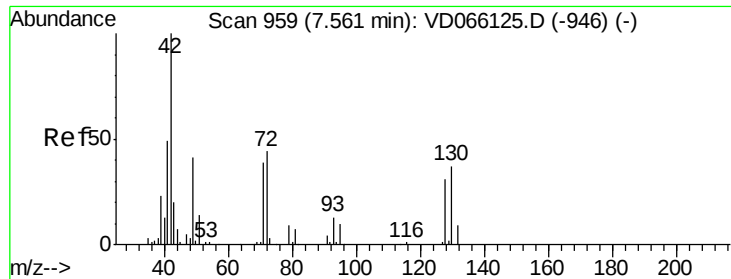


#28

Bromochloromethane
 Concen: 22.492 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion: 49 Resp: 43439
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 85.2 73.8 110.6

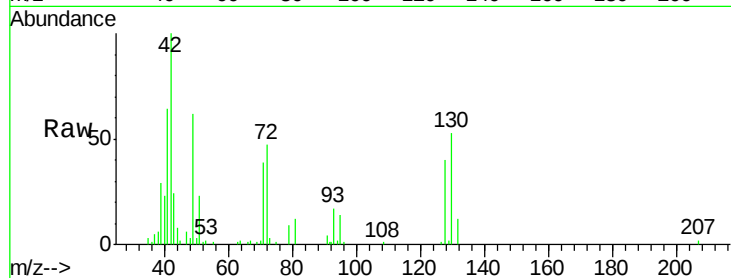




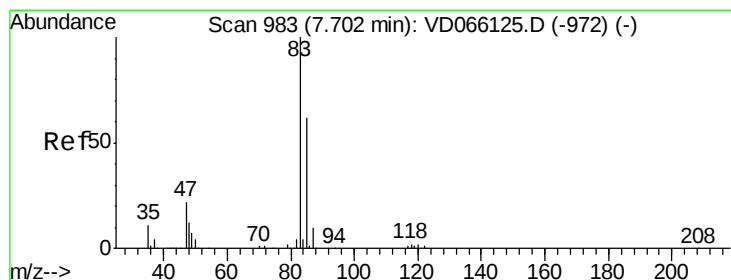
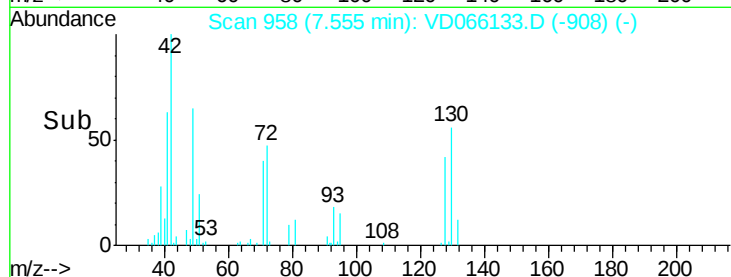
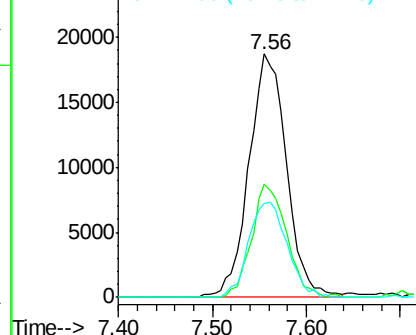
#29
Tetrahydrofuran
Concen: 100.455 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tot Ion: 42 Resp: 51895
Ion Ratio Lower Upper
42 100
72 43.1 34.8 52.2
71 39.9 33.5 50.3

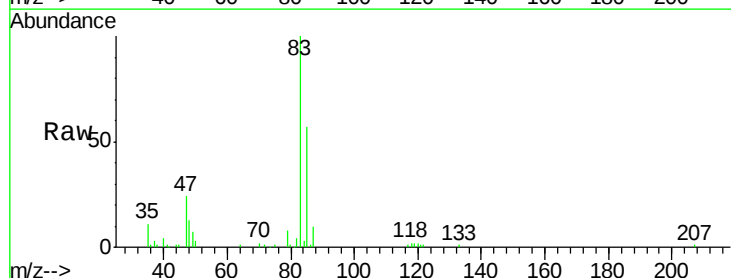


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

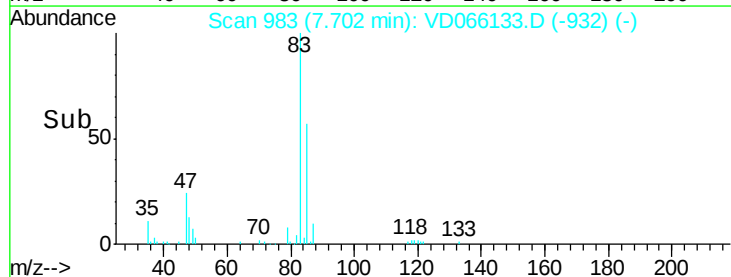
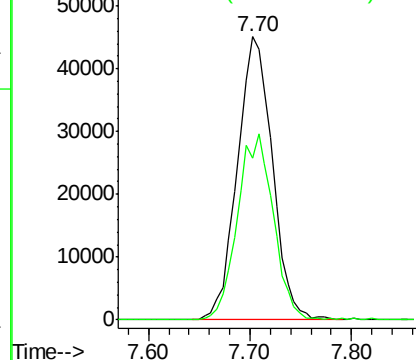


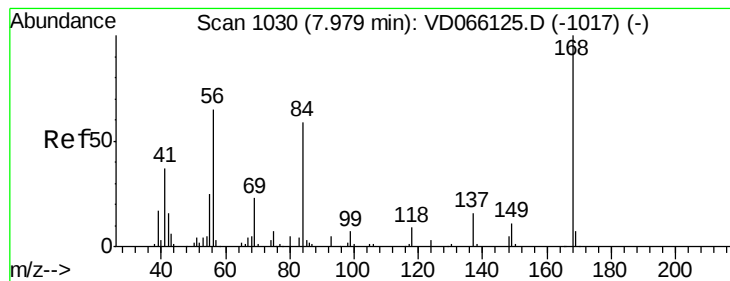
#30
Chloroform
Concen: 18.724 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 83 Resp: 108113
Ion Ratio Lower Upper
83 100
85 57.2 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: 19.187 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

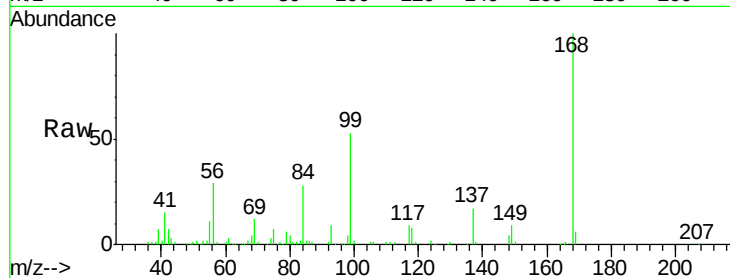
Tot Ion: 56 Resp: 100431

Ion Ratio Lower Upper

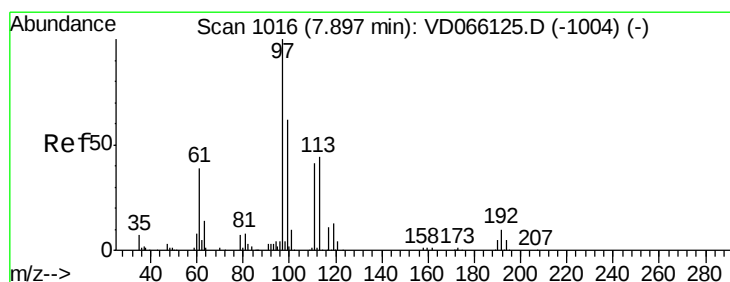
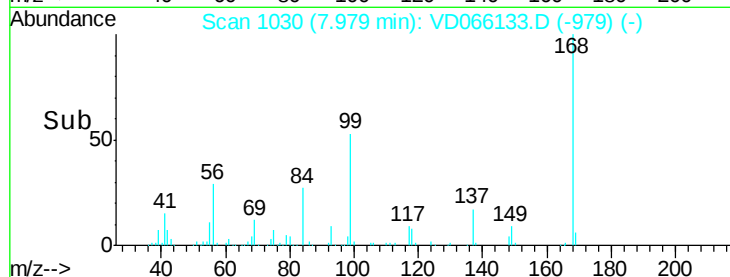
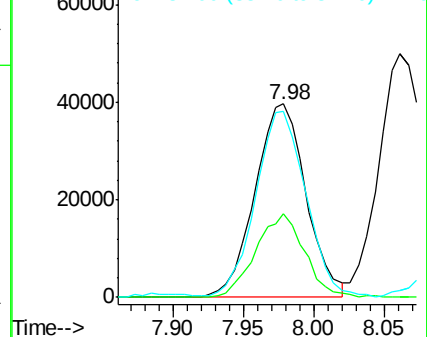
56 100

69 43.1 28.8 43.2

84 95.5 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 18.902 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

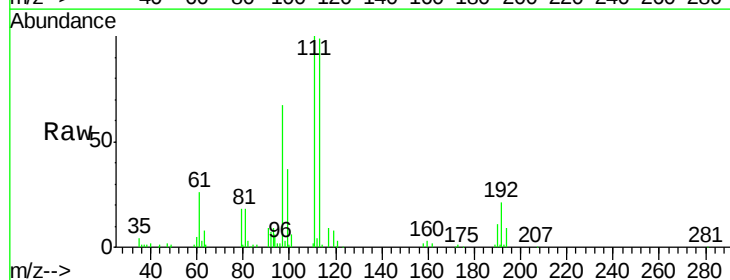
Tgt Ion: 97 Resp: 102331

Ion Ratio Lower Upper

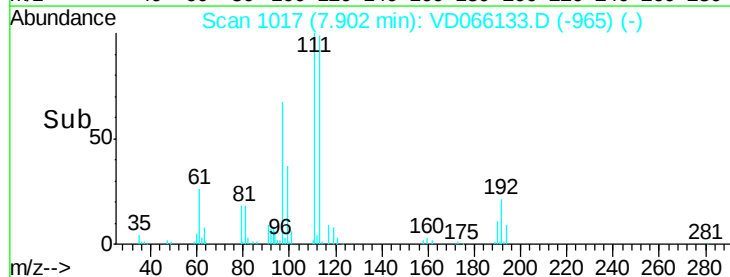
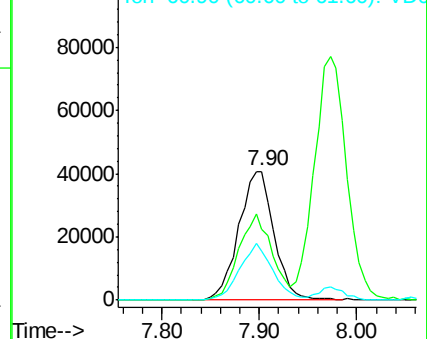
97 100

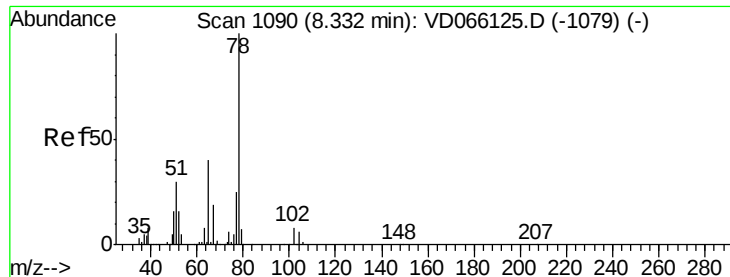
99 63.7 51.1 76.7

61 41.4 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 50.058 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

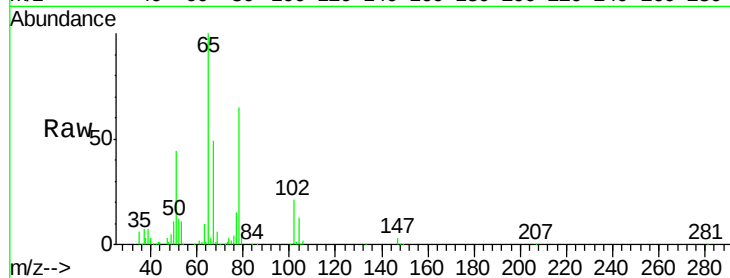
VD0806SBSD01

Tot Ion: 65 Resp: 149560

Ion Ratio Lower Upper

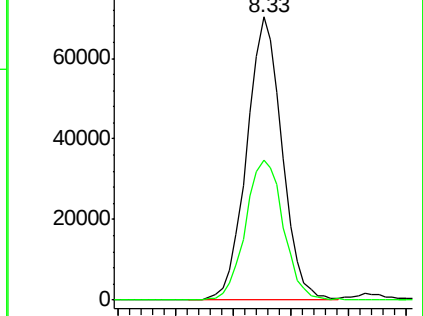
65 100

67 53.2 0.0 104.6

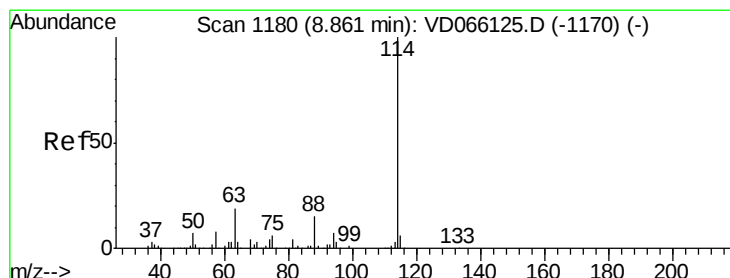
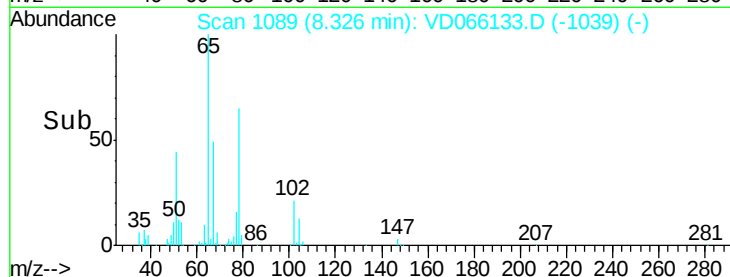


Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

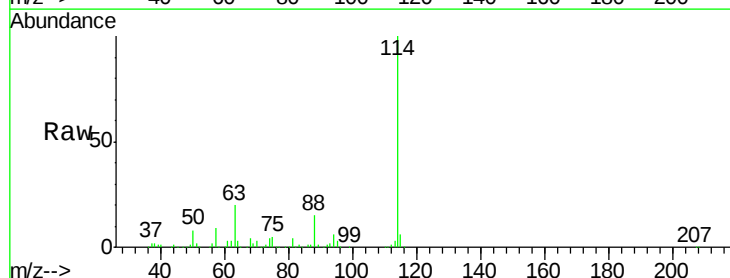
Tgt Ion: 114 Resp: 486385

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

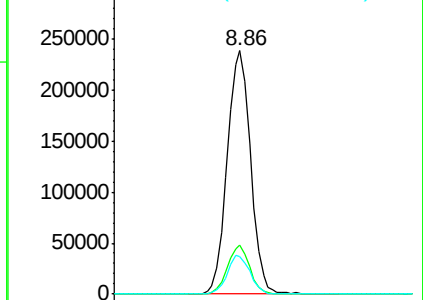
88 15.3 0.0 30.0



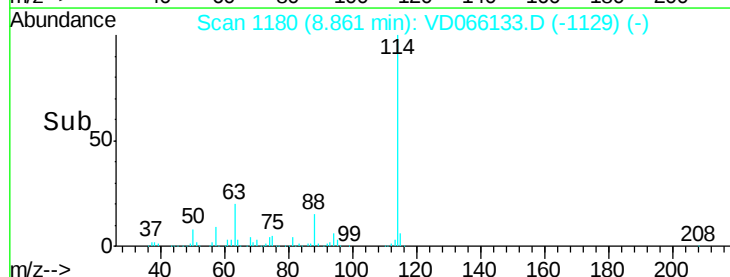
Abundance Ion 113.90 (113.60 to 114.60): V

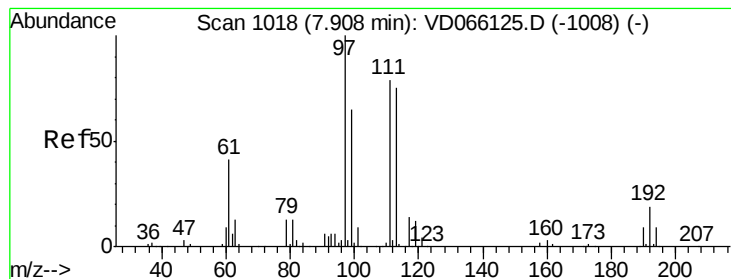
Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time--> 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 49.523 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

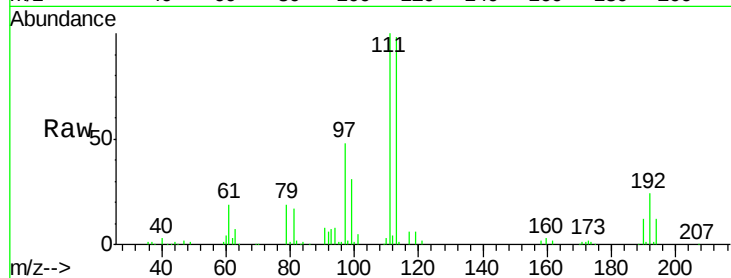
Tot Ion:113 Resp: 152591

Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

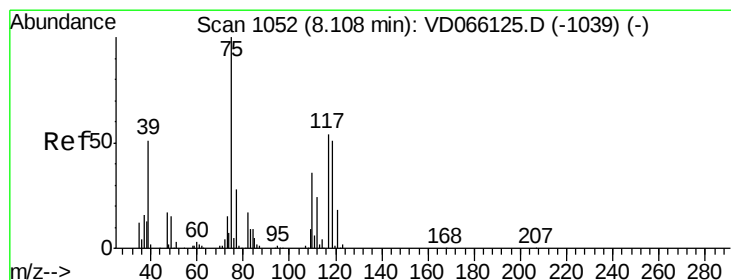
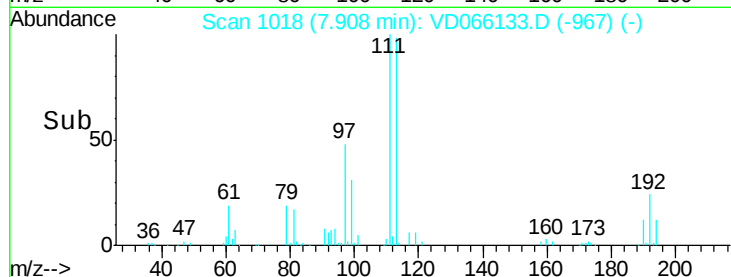
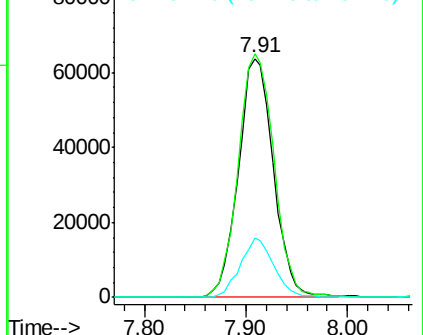
192 23.8 18.4 27.6



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: 18.961 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

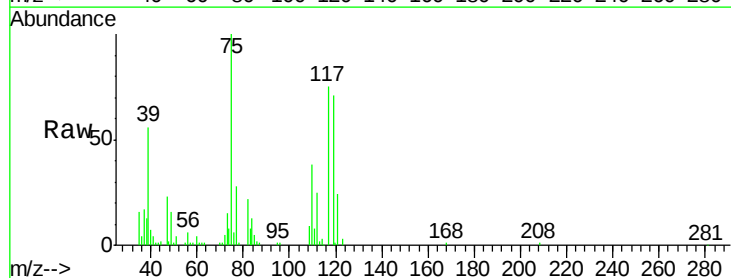
Tgt Ion: 75 Resp: 86661

Ion Ratio Lower Upper

75 100

110 37.8 18.8 56.3

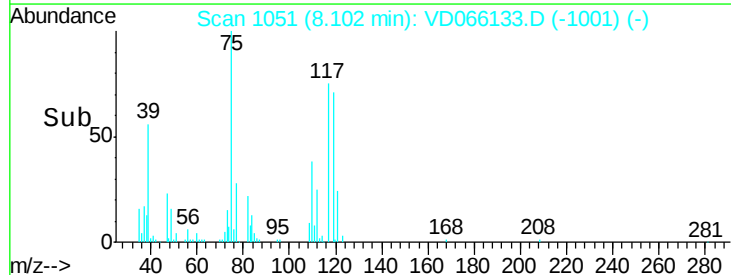
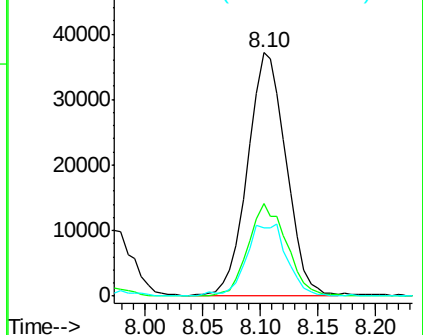
77 31.1 24.2 36.2

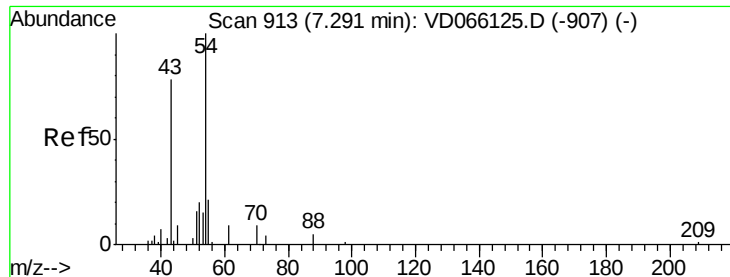


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

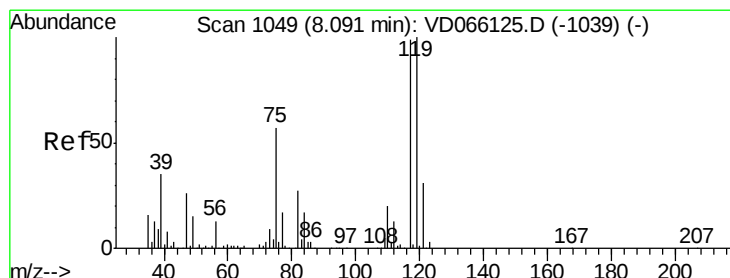
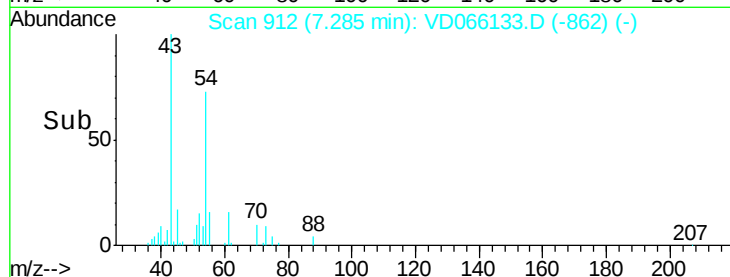
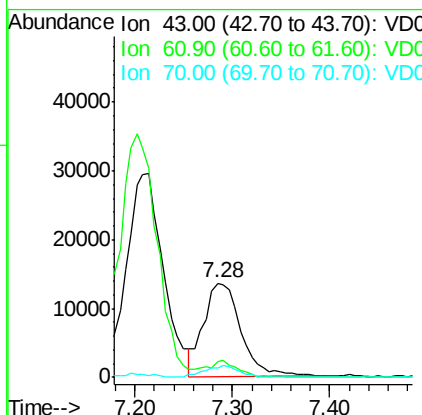
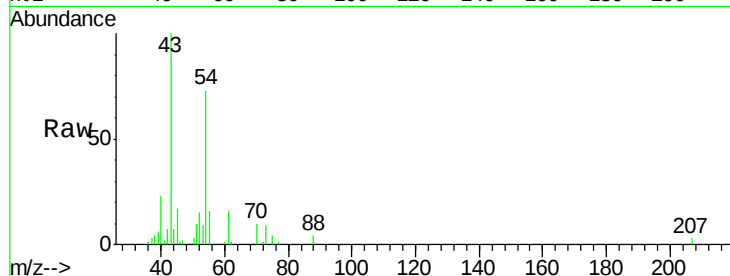




#37
Ethyl Acetate
Concen: 19.954 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

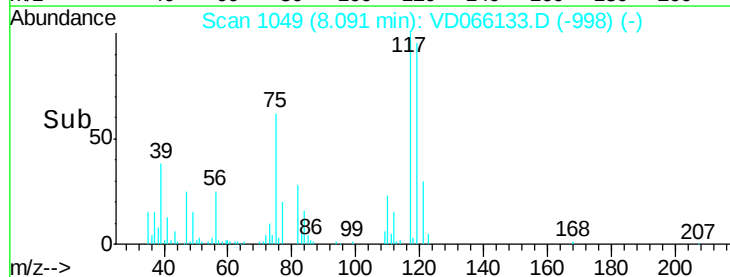
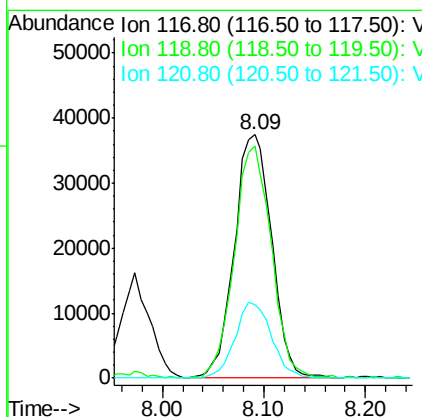
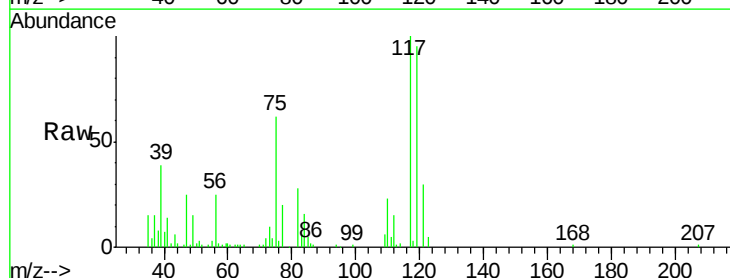
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

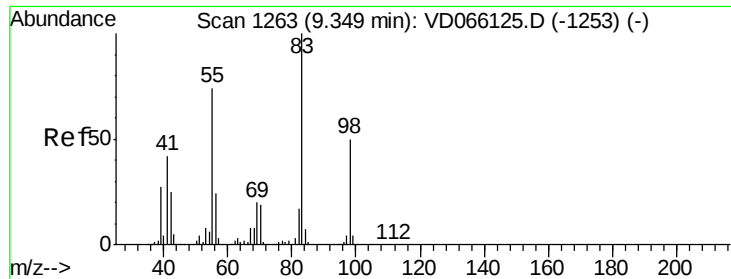
Tot Ion: 43 Resp: 36135
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 11.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.829 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 117 Resp: 95967
Ion Ratio Lower Upper
117 100
119 95.1 81.0 121.4
121 30.0 24.8 37.2

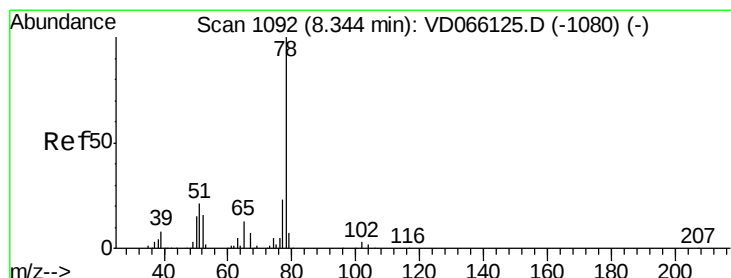
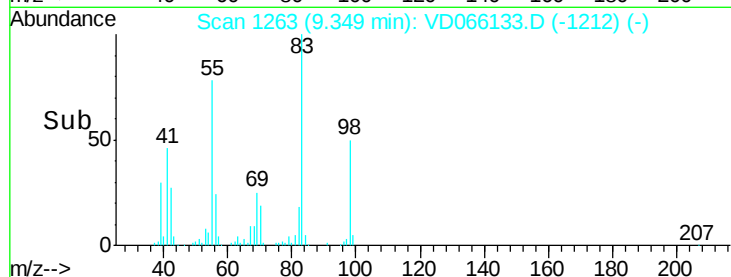
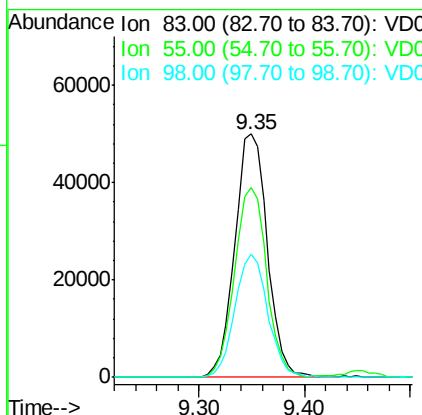
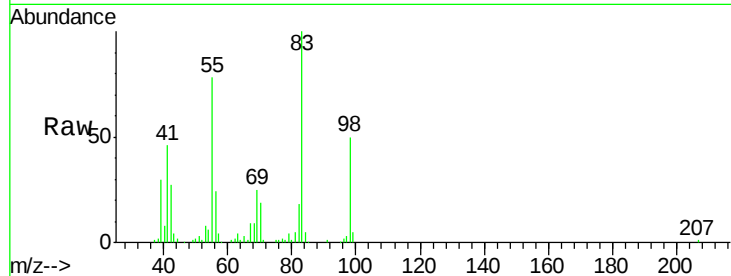




#39
Methvlcvclohexane
Concen: 19.344 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

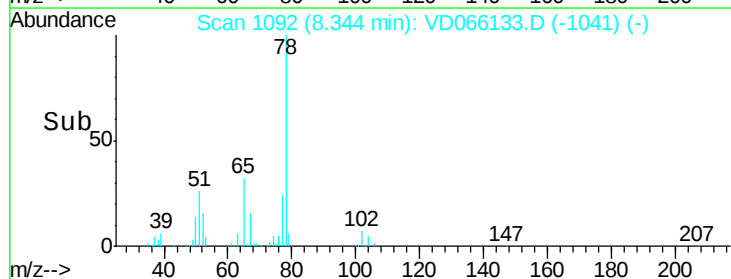
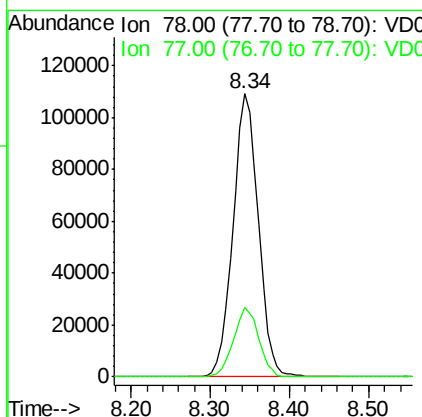
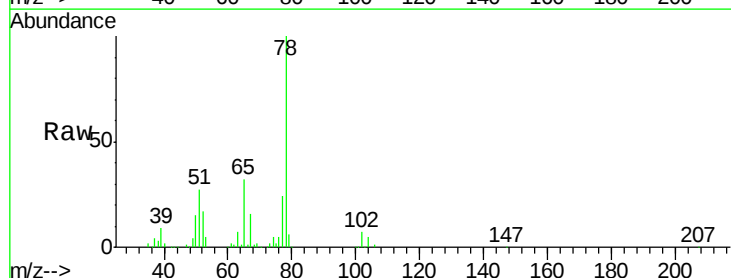
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

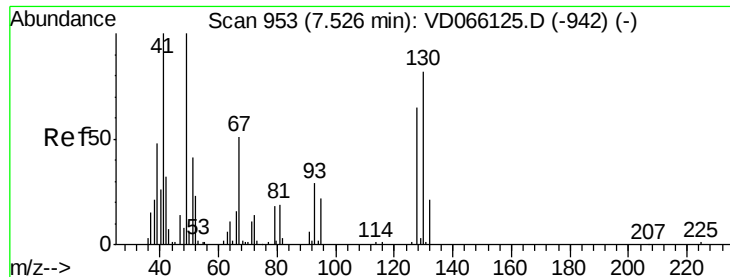
Tot Ion: 83 Resp: 106879
Ion Ratio Lower Upper
83 100
55 78.0 59.2 88.8
98 50.5 39.8 59.6



#40
Benzene
Concen: 19.056 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 78 Resp: 241617
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41

Methacrylonitrile

Concen: 49.864 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.02 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

Tot Ion: 41 Resp: 53093

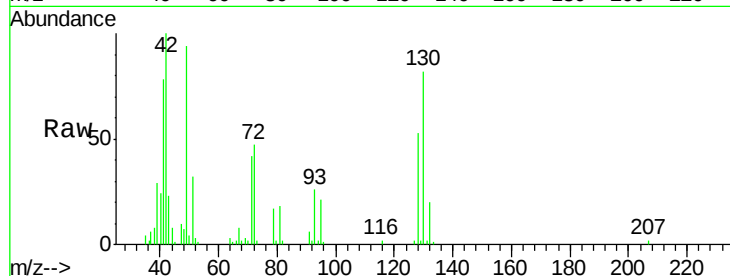
Ion Ratio Lower Upper

41 100

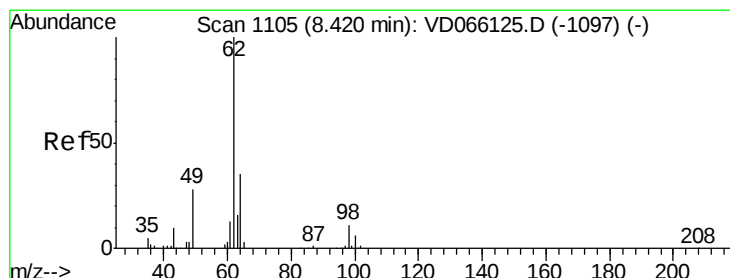
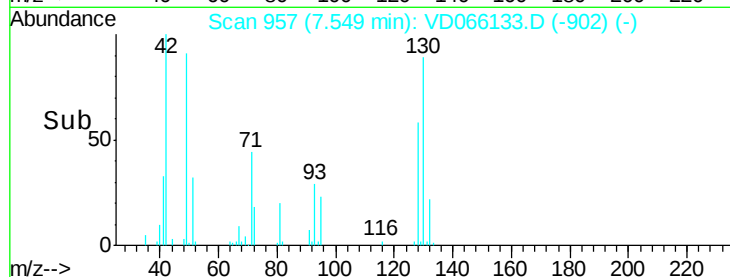
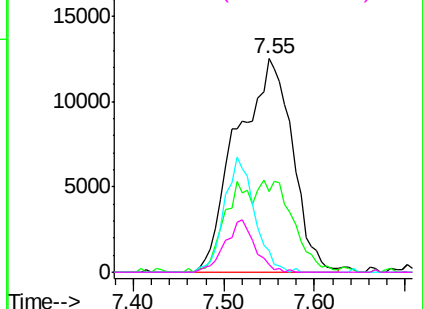
39 0.0 47.5 71.3#

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: 19.245 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066133.D

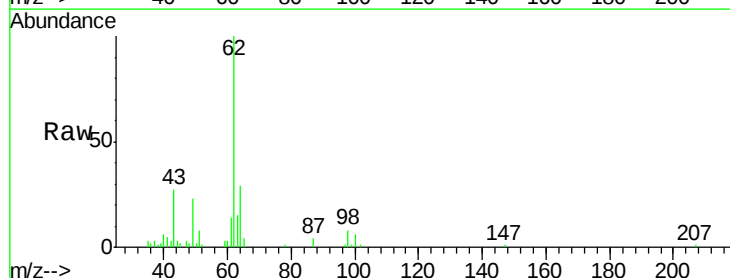
Acq: 06 Aug 2020 14:35

Tgt Ion: 62 Resp: 71684

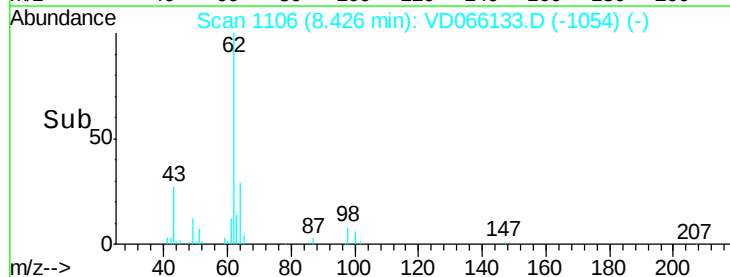
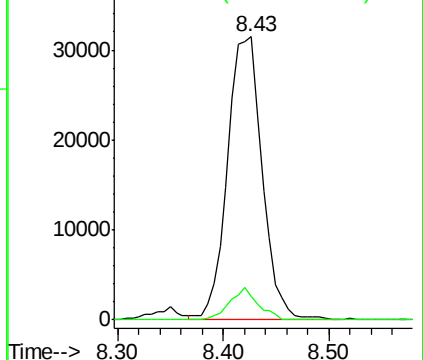
Ion Ratio Lower Upper

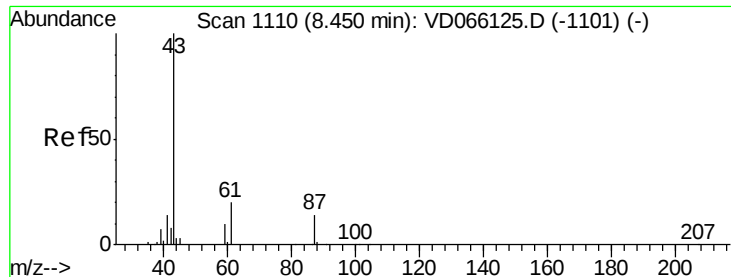
62 100

98 9.2 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: 19.001 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

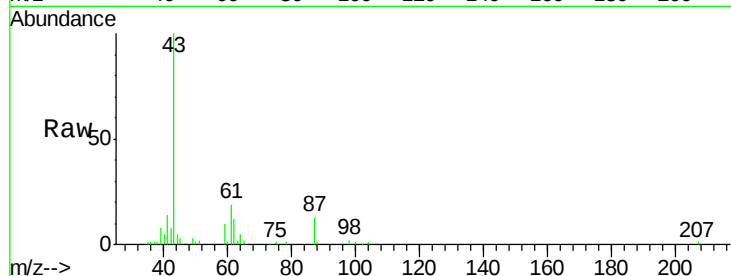
Tot Ion: 43 Resp: 67795

Ion Ratio Lower Upper

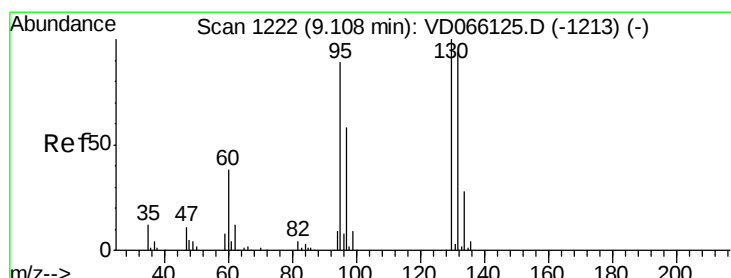
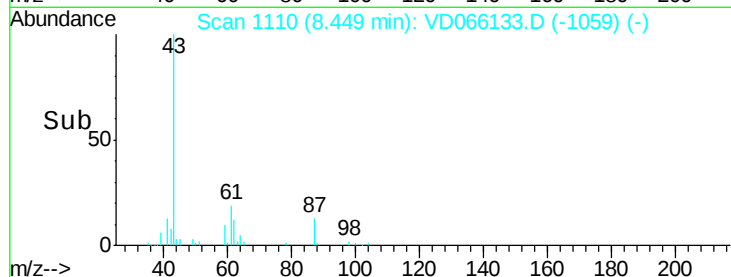
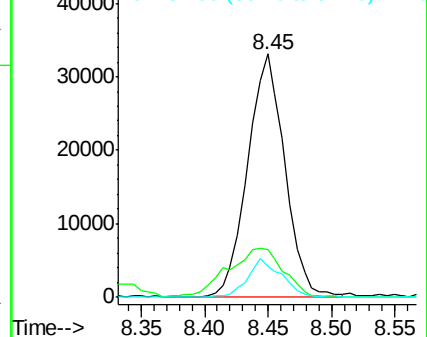
43 100

61 30.0 25.5 38.3

87 14.4 11.2 16.8



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



#44

Trichloroethene

Concen: 19.275 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066133.D

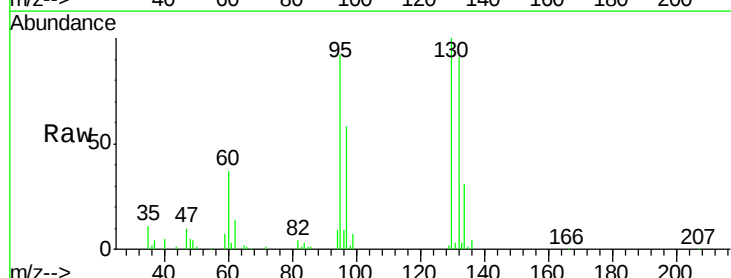
Acq: 06 Aug 2020 14:35

Tgt Ion: 130 Resp: 73643

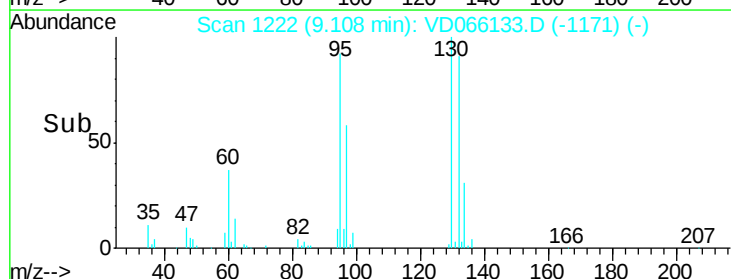
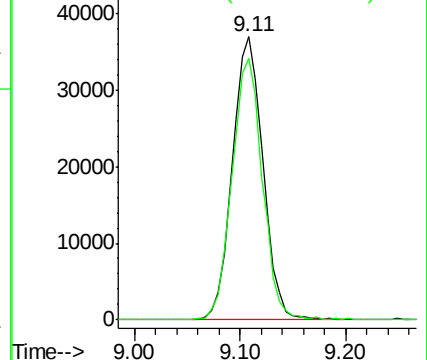
Ion Ratio Lower Upper

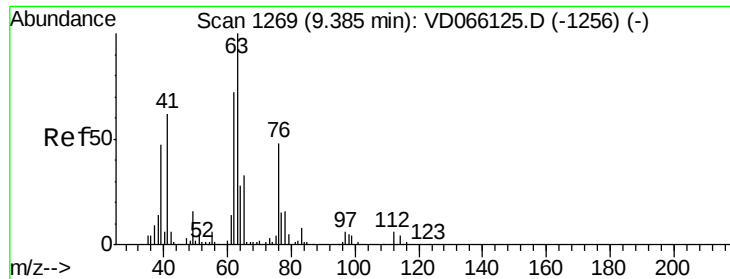
130 100

95 92.4 0.0 178.4



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

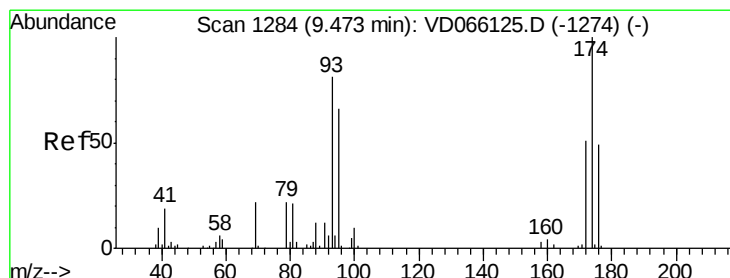
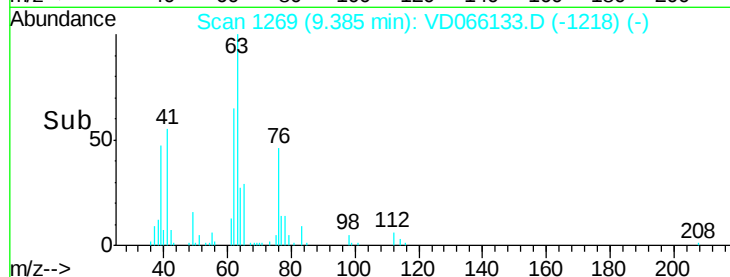
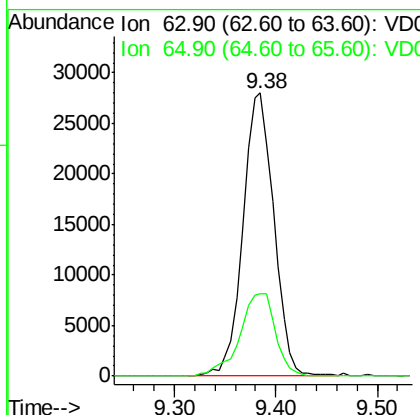
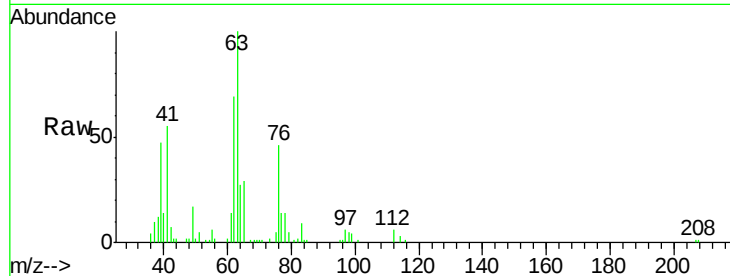




#45
 1,2-Dichloropropane
 Concen: 19.107 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

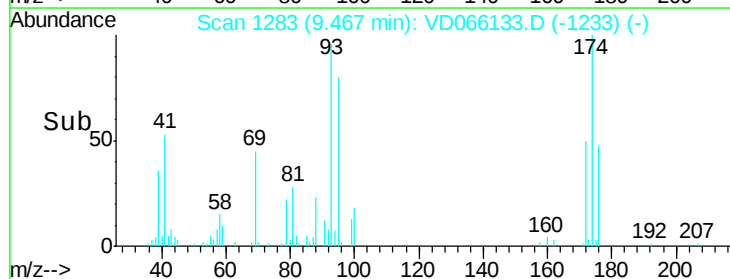
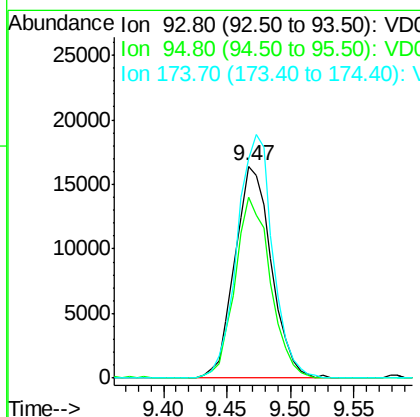
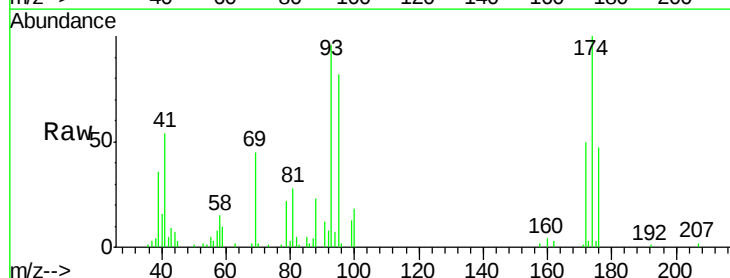
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

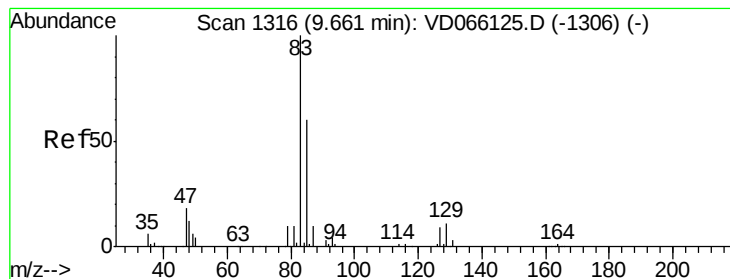
Tot Ion: 63 Resp: 59251
 Ion Ratio Lower Upper
 63 100
 65 29.0 26.5 39.7



#46
 Dibromomethane
 Concen: 19.210 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion: 93 Resp: 32813
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.8 98.6
 174 111.9 92.8 139.2





#47

Bromodichloromethane

Concen: 18.342 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

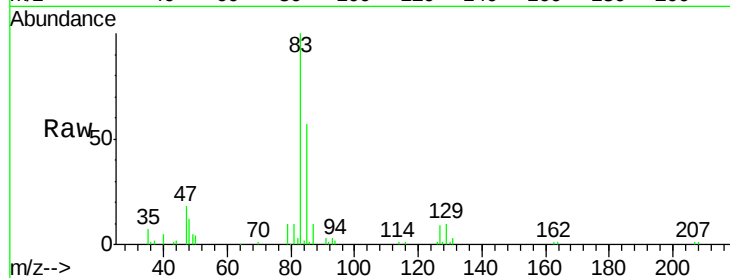
Tot Ion: 83 Resp: 82805

Ion Ratio Lower Upper

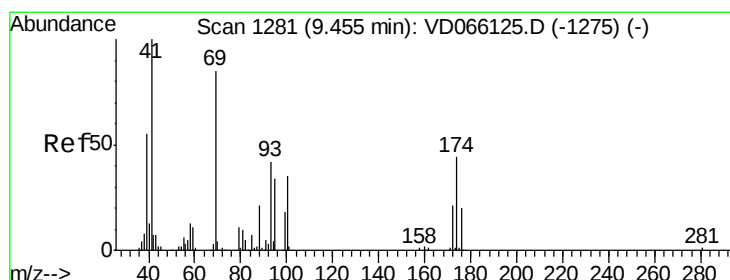
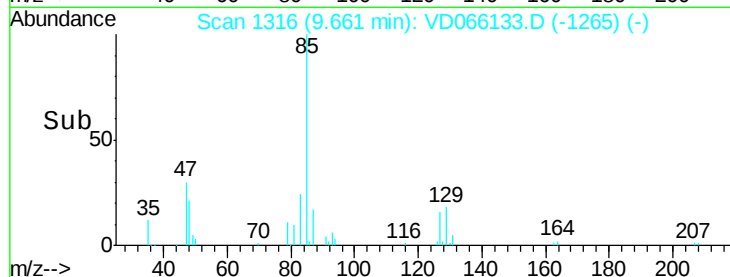
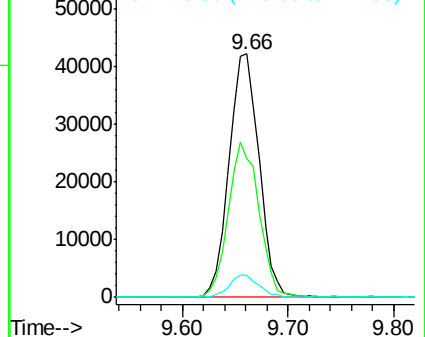
83 100

85 57.2 48.2 72.4

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 20.015 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

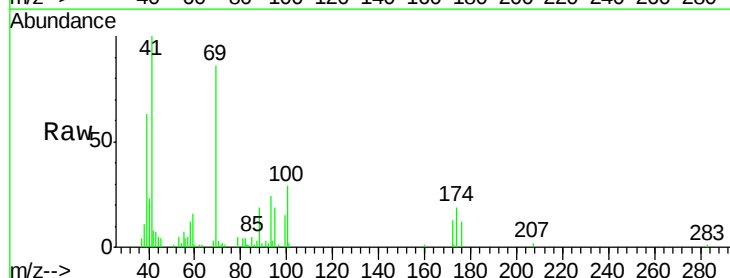
Tgt Ion: 41 Resp: 36466

Ion Ratio Lower Upper

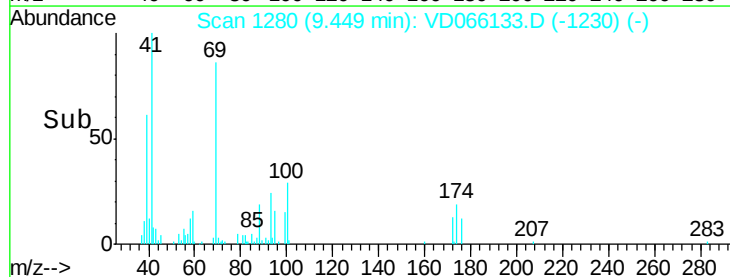
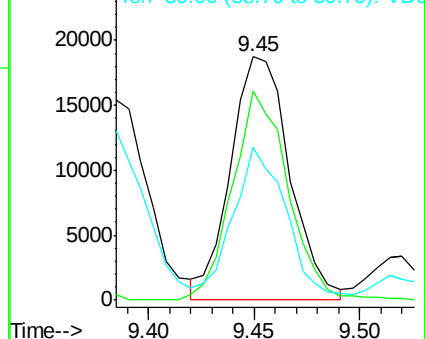
41 100

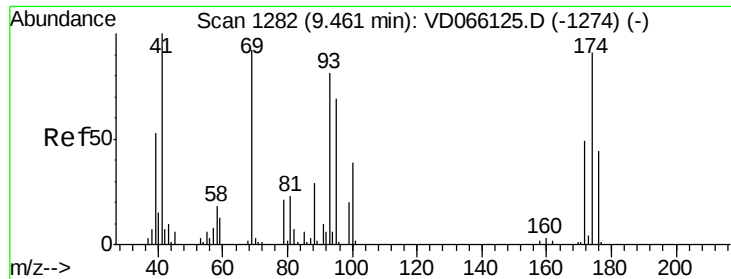
69 81.2 63.9 95.9

39 52.0 42.6 64.0



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

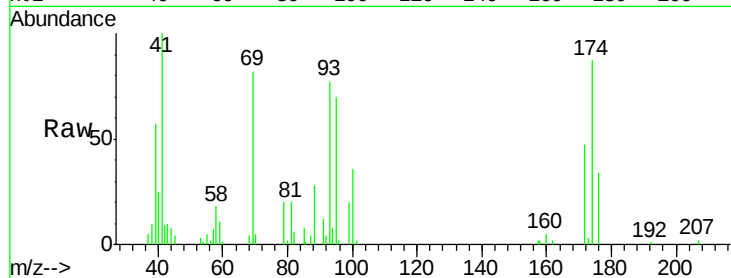




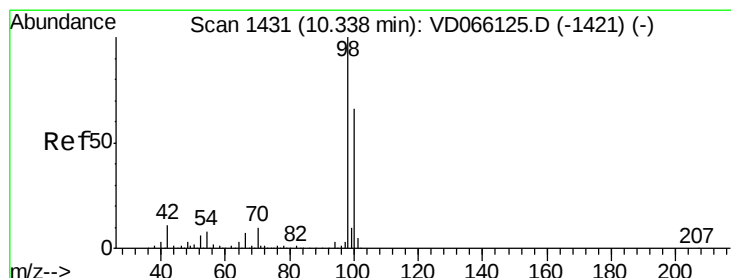
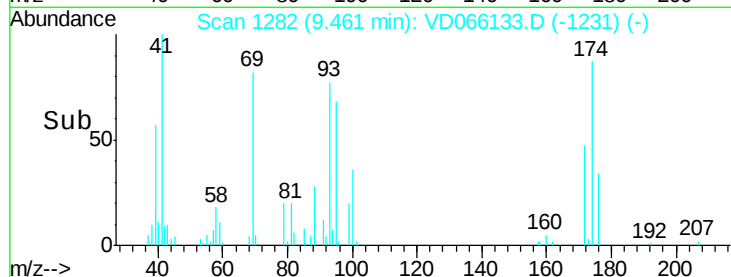
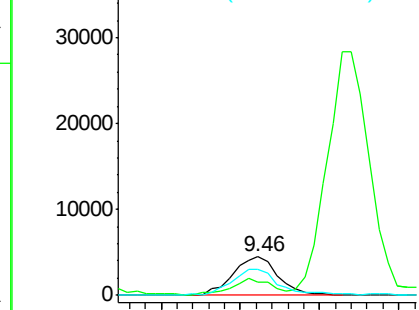
#49
1,4-Dioxane
Concen: 400.371 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tot Ion: 88 Resp: 8786
Ion Ratio Lower Upper
88 100
43 39.2 27.5 41.3
58 73.5 50.2 75.4

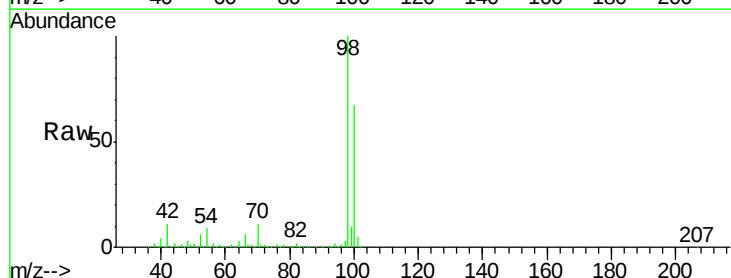


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

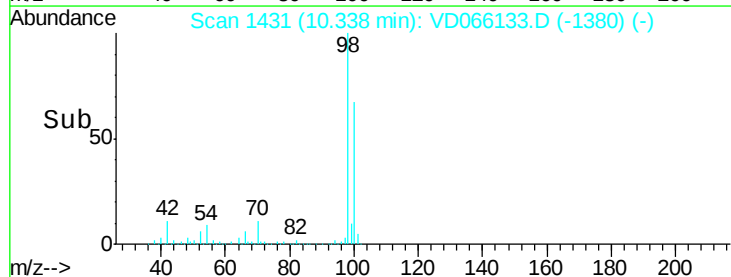
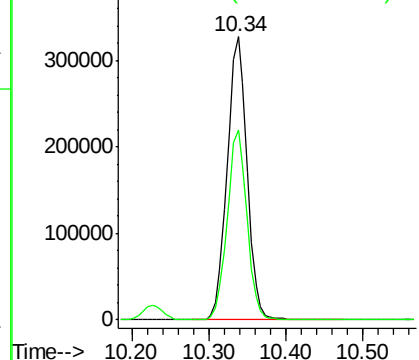


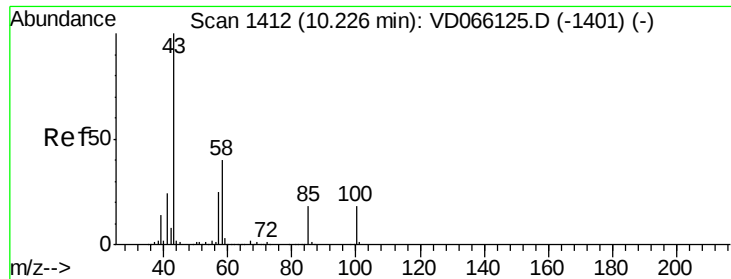
#50
Toluene-d8
Concen: 51.693 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 98 Resp: 587770
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 96.432 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleID :

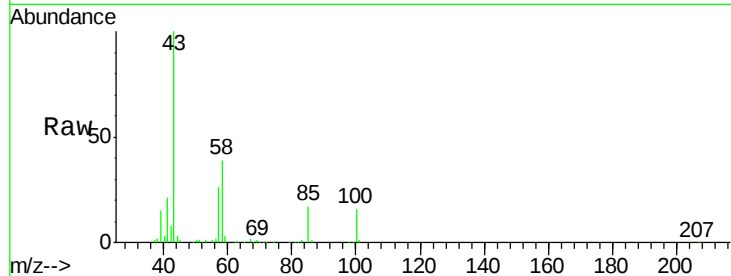
VD0806SBSD01

Tot Ion: 43 Resp: 176736

Ion Ratio Lower Upper

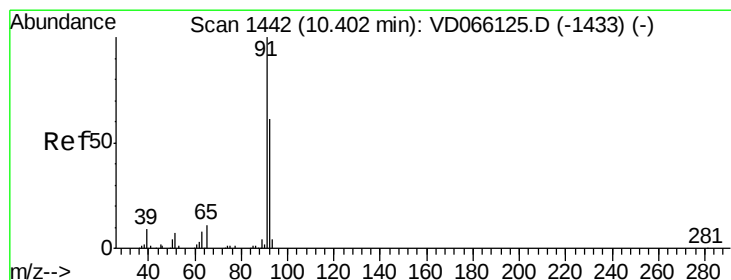
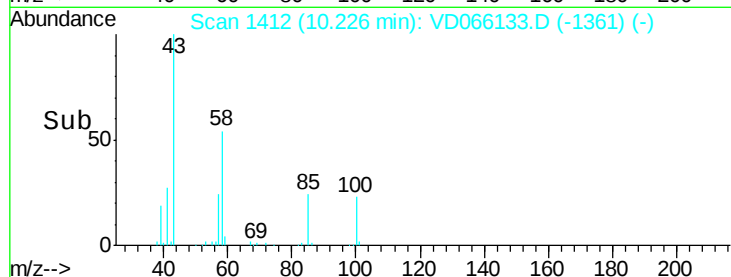
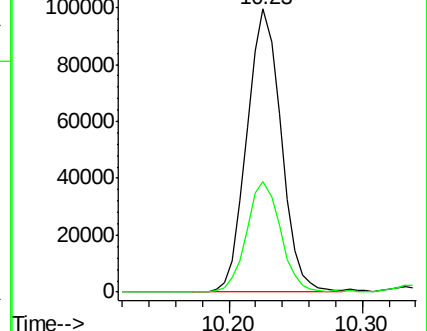
43 100

58 38.7 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 19.311 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066133.D

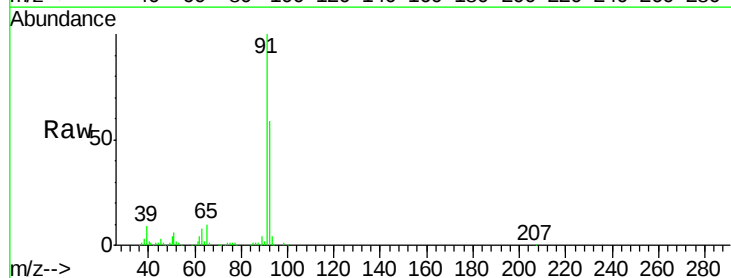
Acq: 06 Aug 2020 14:35

Tgt Ion: 92 Resp: 161116

Ion Ratio Lower Upper

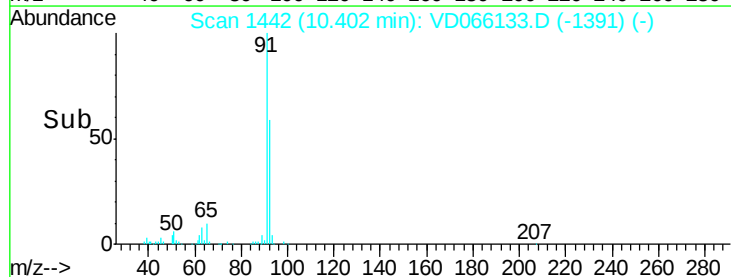
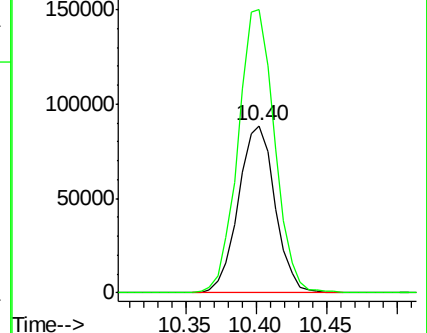
92 100

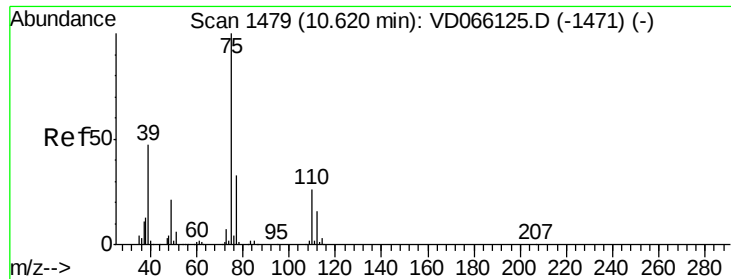
91 168.7 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 18.822 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

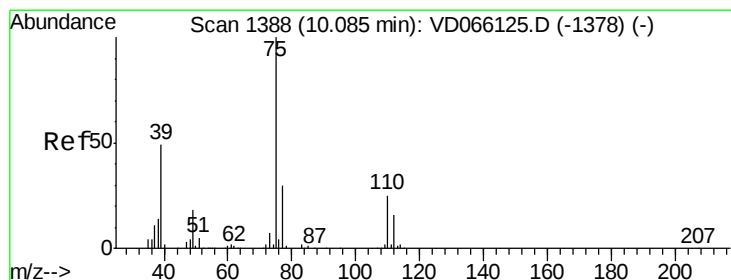
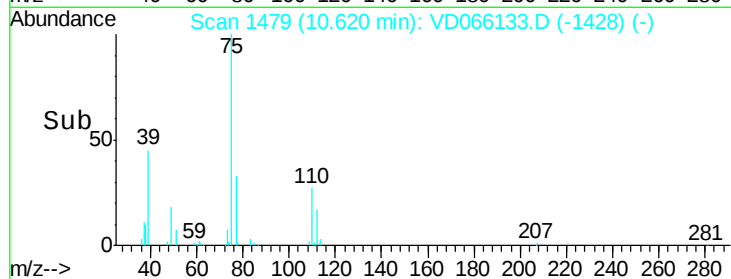
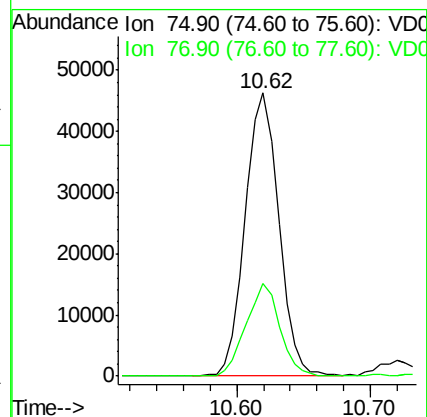
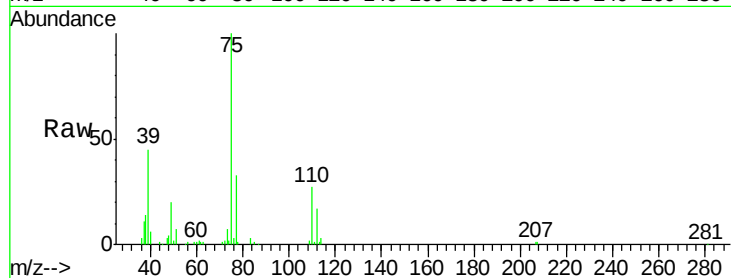
VD0806SBSD01

Tot Ion: 75 Resp: 80638

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.985 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

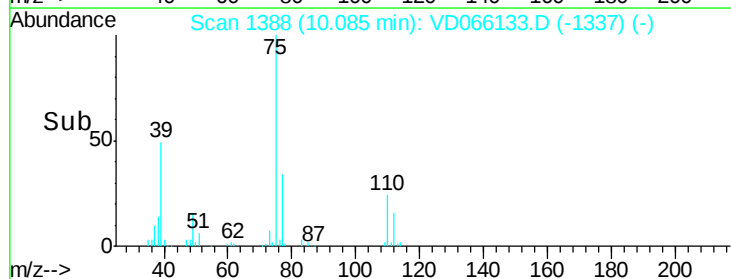
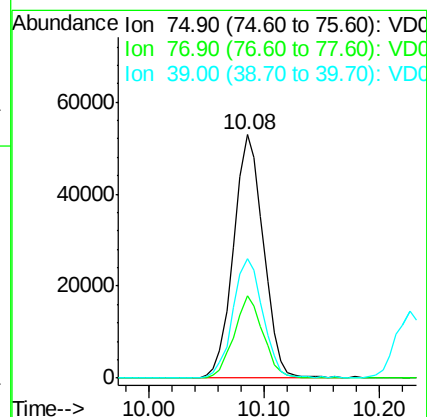
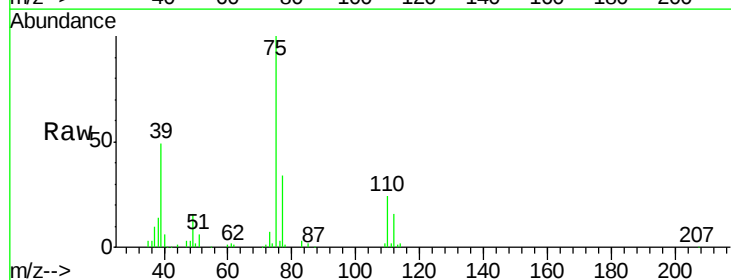
Tgt Ion: 75 Resp: 95296

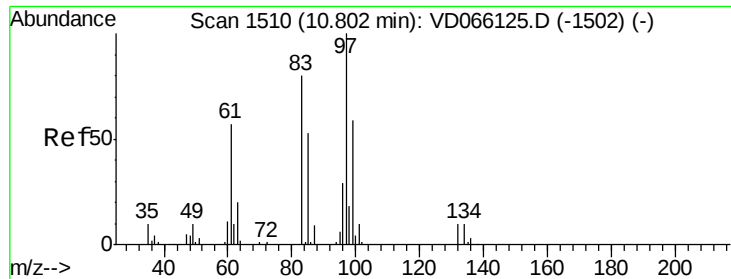
Ion Ratio Lower Upper

75 100

77 33.7 24.3 36.5

39 49.0 39.3 58.9

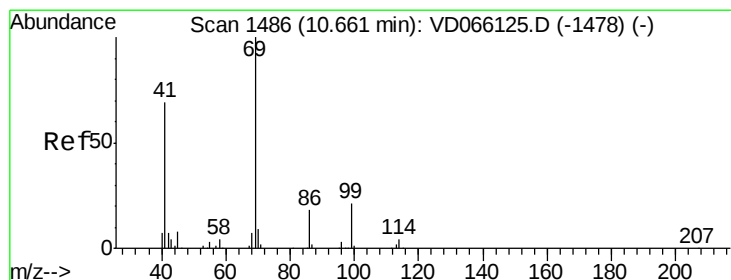
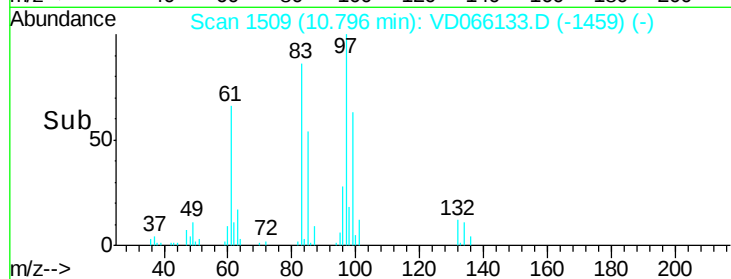
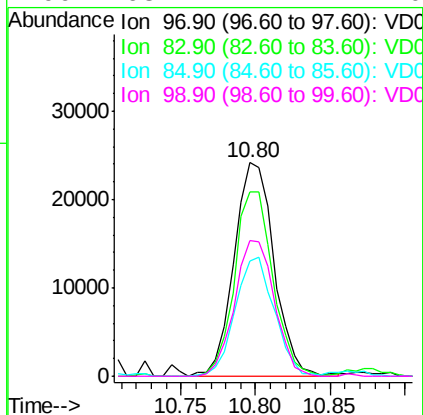
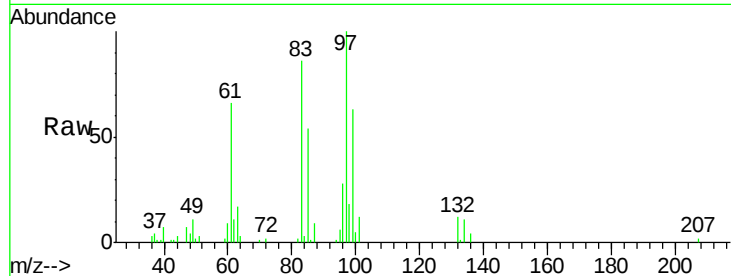




#55
 1,1,2-Trichloroethane
 Concen: 18.376 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

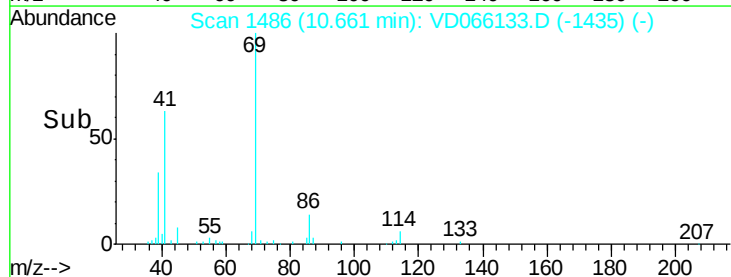
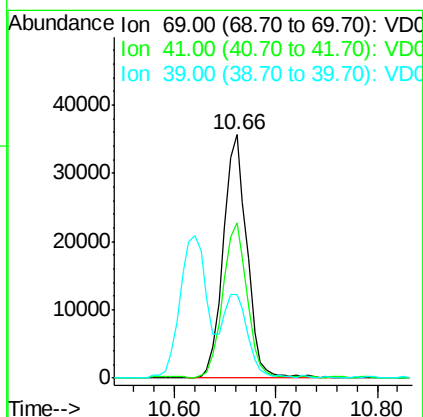
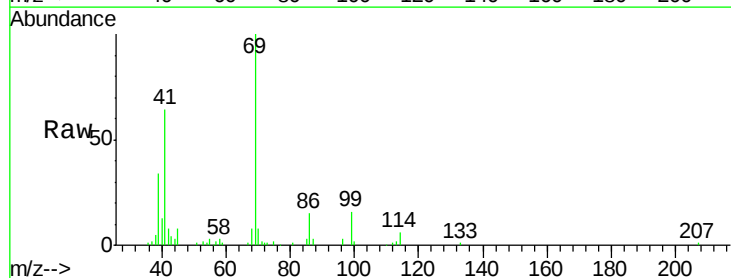
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

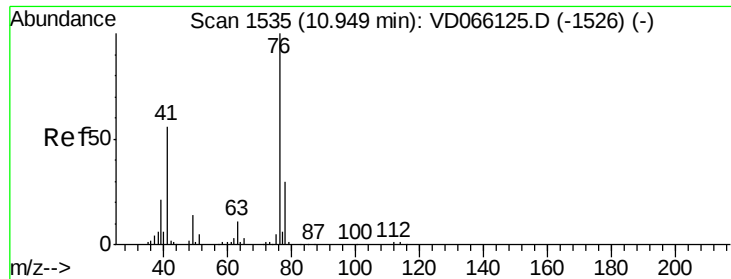
Tot Ion:	97	Resp:	45196
Ion	Ratio	Lower	Upper
97	100		
83	86.1	63.9	95.9
85	54.1	42.5	63.7
99	63.4	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 19.510 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion:	69	Resp:	57644
Ion	Ratio	Lower	Upper
69	100		
41	65.5	54.1	81.1
39	33.3	28.6	43.0

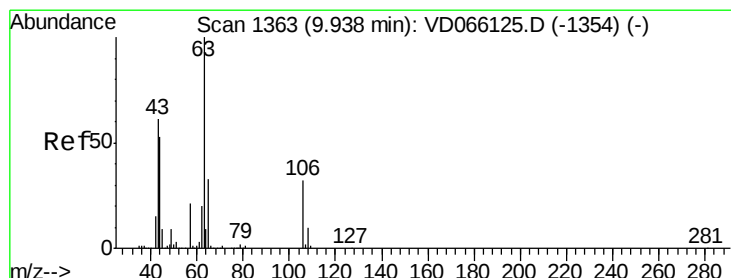
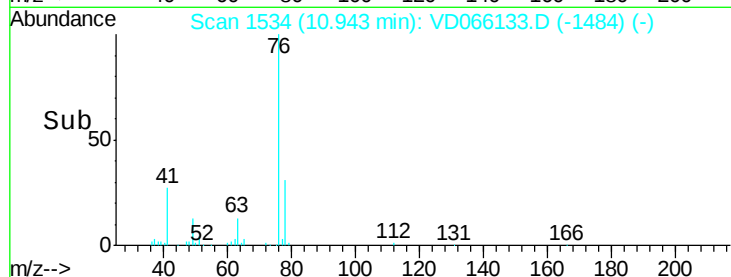
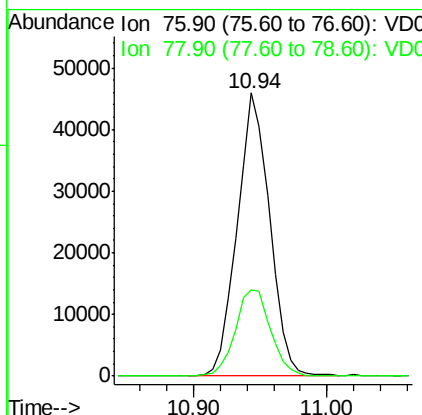
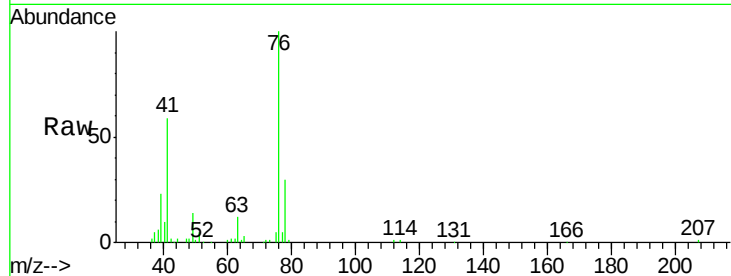




#57
 1,3-Dichloropropane
 Concen: 18.903 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

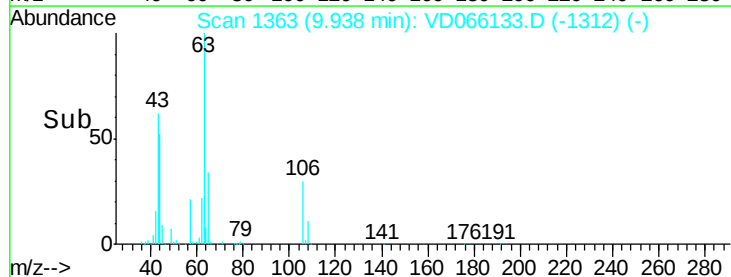
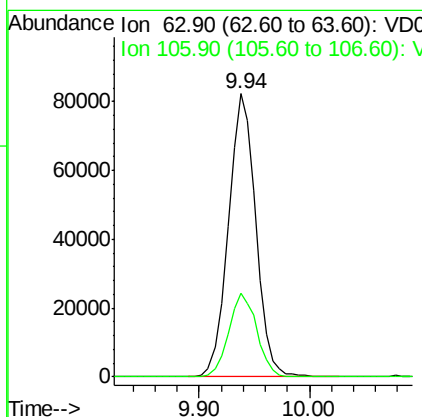
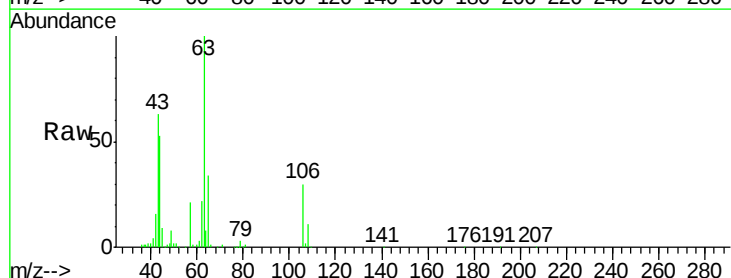
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

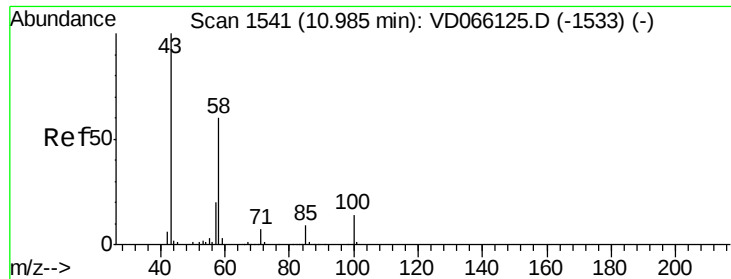
Tot Ion: 76 Resp: 77185
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.807 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion: 63 Resp: 143280
 Ion Ratio Lower Upper
 63 100
 106 30.0 25.3 37.9

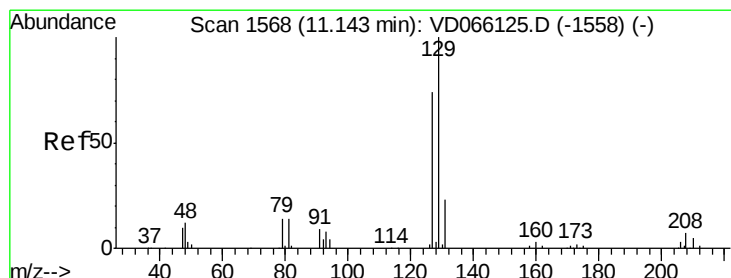
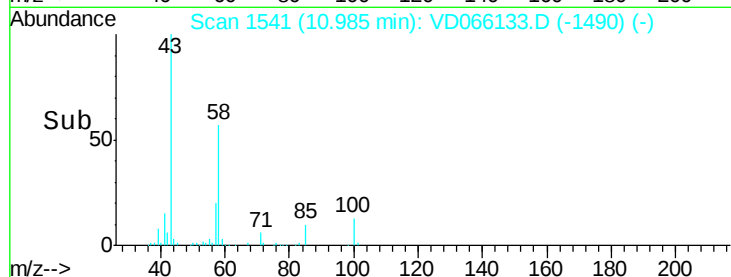
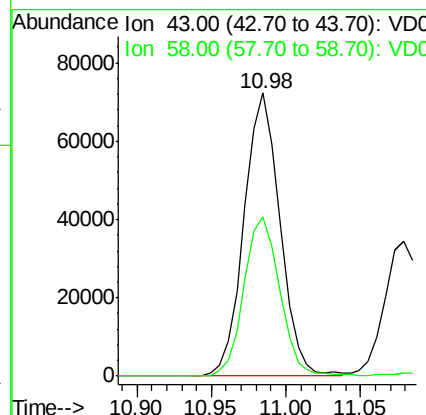
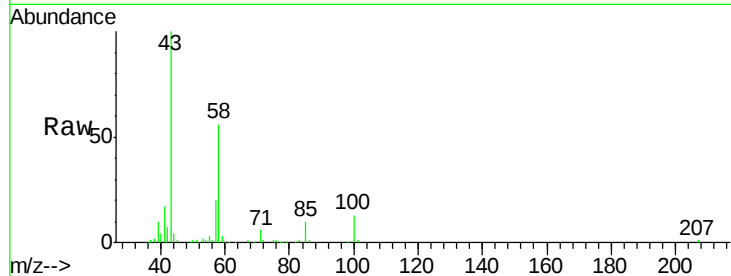




#59
2-Hexanone
Concen: 94.179 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

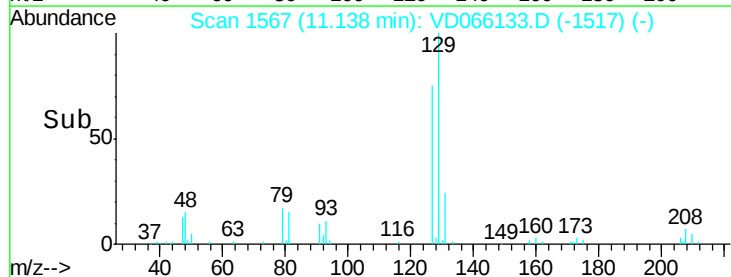
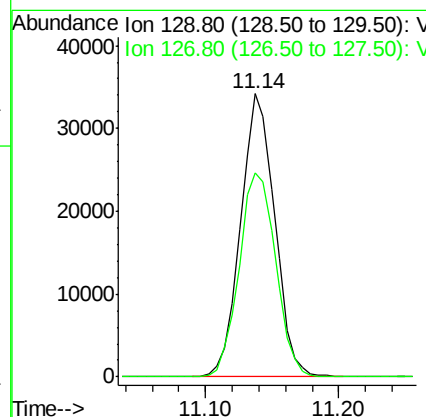
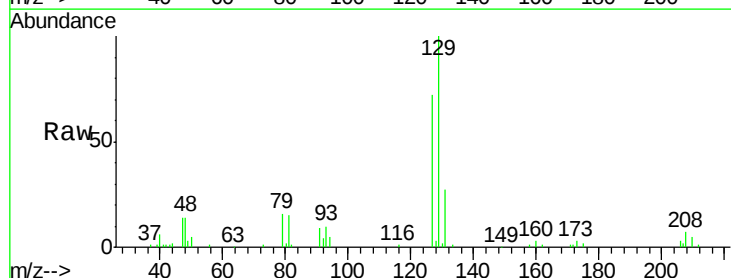
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

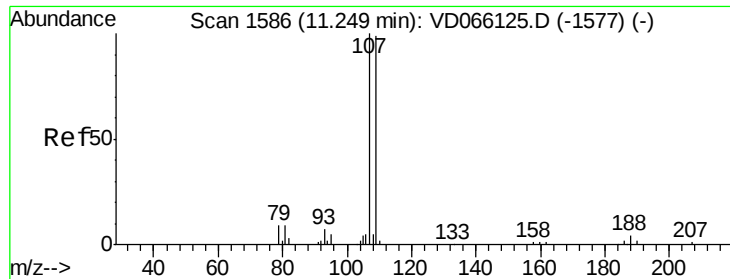
Tot Ion: 43 Resp: 121138
Ion Ratio Lower Upper
43 100
58 55.8 27.8 83.4



#60
Dibromochloromethane
Concen: 17.772 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 129 Resp: 60348
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

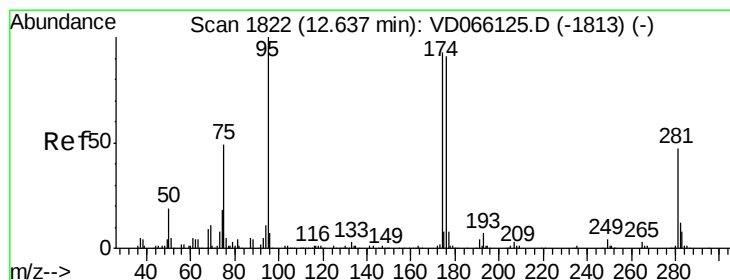
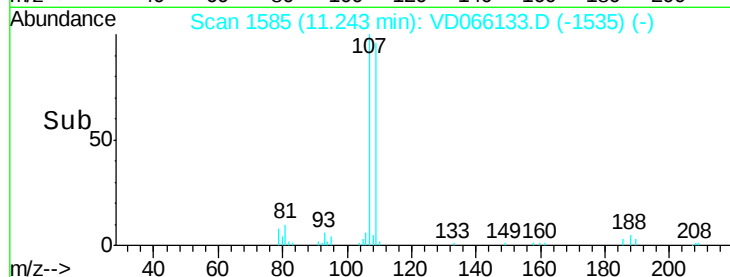
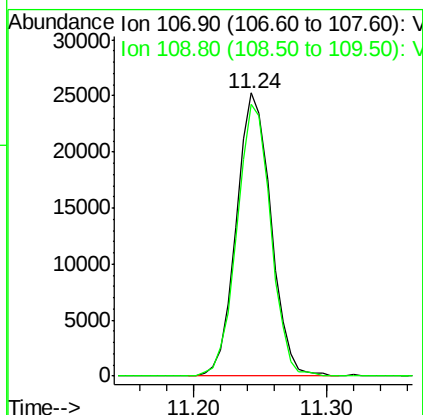
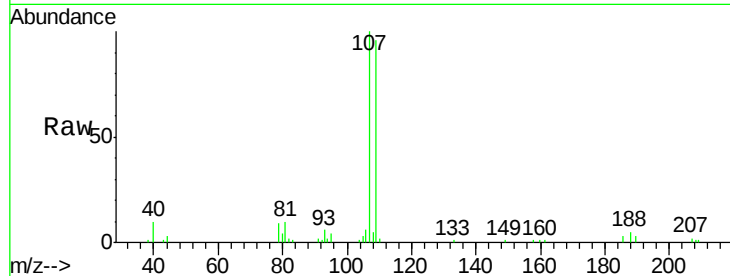




#61
 1,2-Dibromoethane
 Concen: 19.125 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

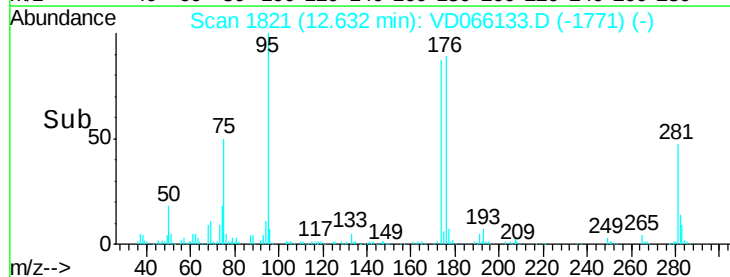
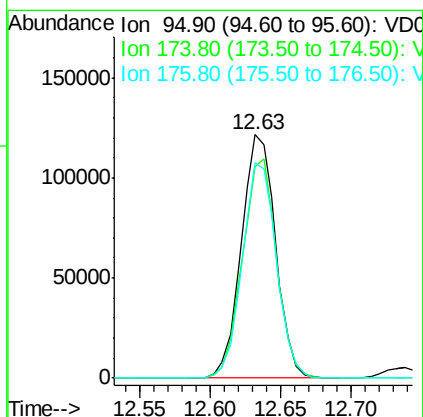
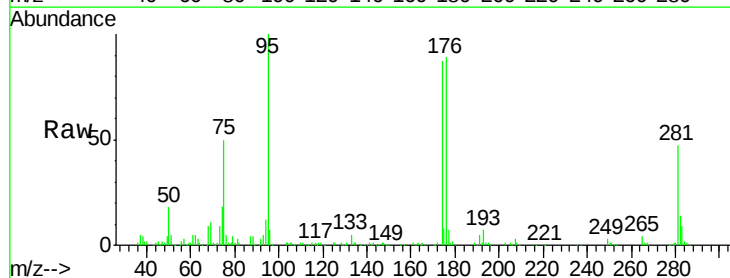
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

Tot Ion:107 Resp: 45237
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.418 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion: 95 Resp: 206641
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 180.8
 176 87.6 0.0 181.2

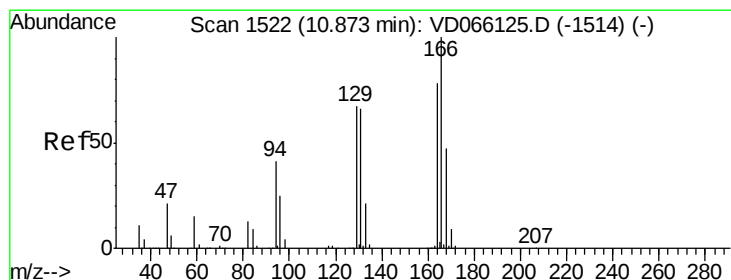
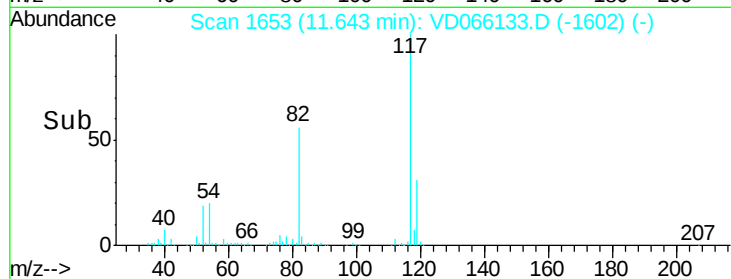
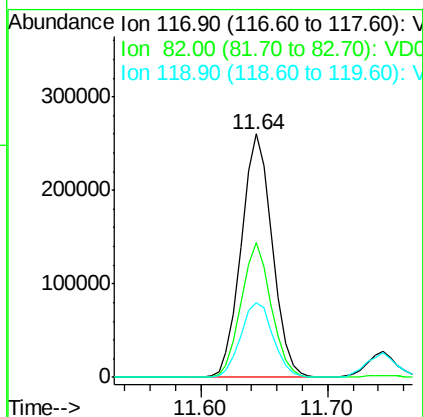
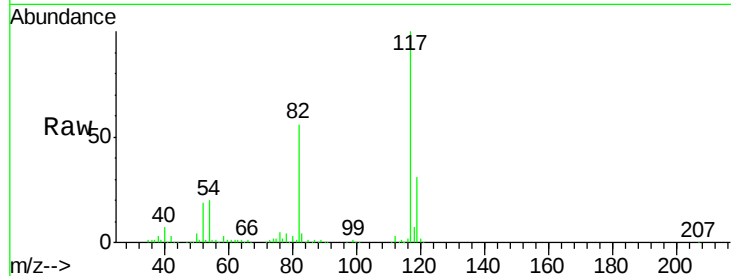




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

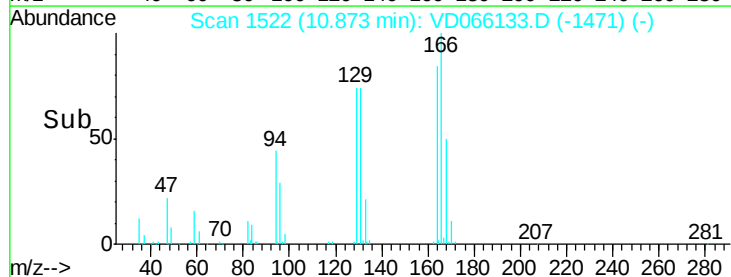
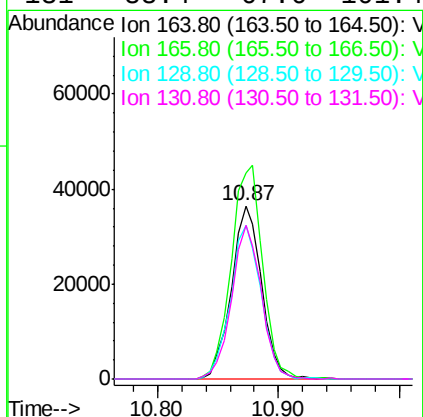
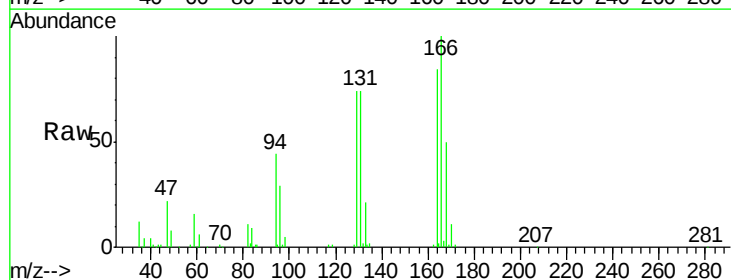
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

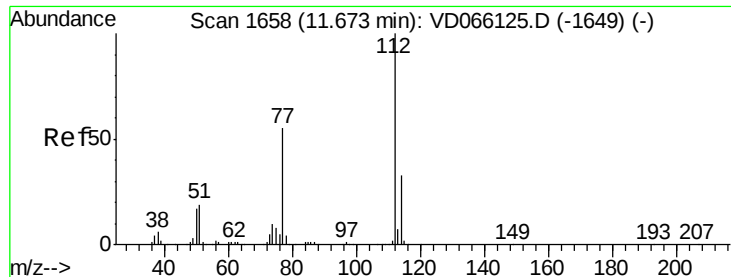
Tot Ion:117 Resp: 442543
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 30.5 26.1 39.1



#64
Tetrachloroethene
Concen: 18.666 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion:164 Resp: 63433
Ion Ratio Lower Upper
164 100
166 119.2 101.9 152.9
129 88.6 68.1 102.1
131 88.4 67.6 101.4

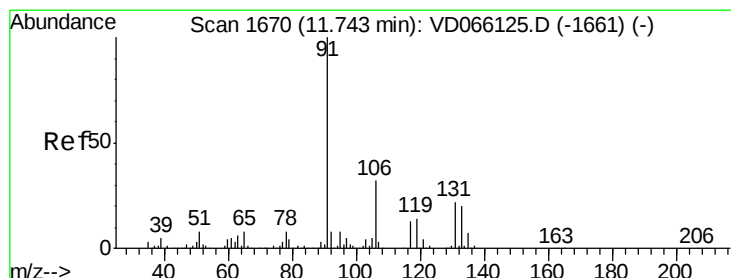
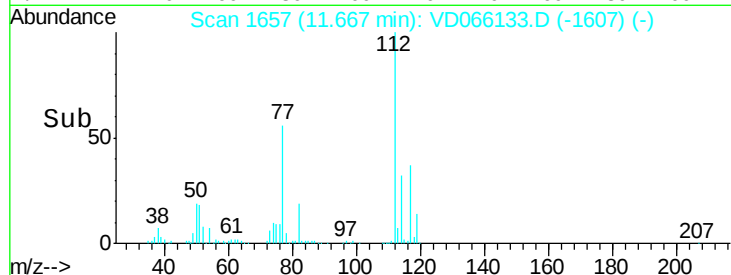
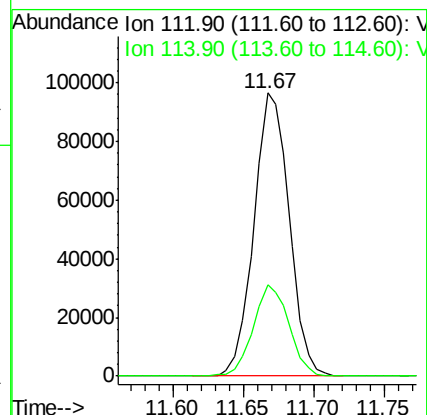
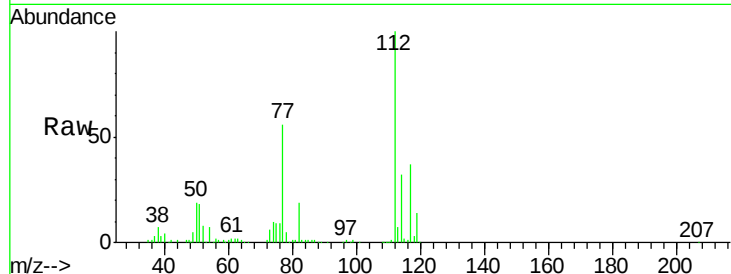




#65
Chlorobenzene
Concen: 18.915 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

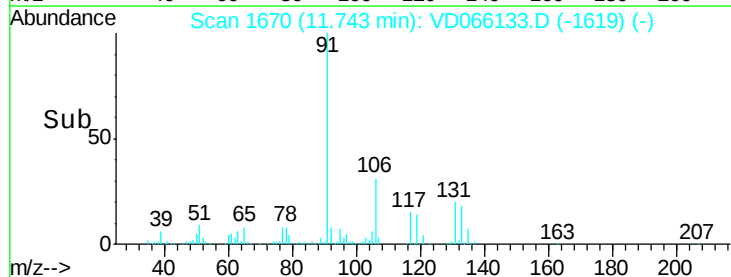
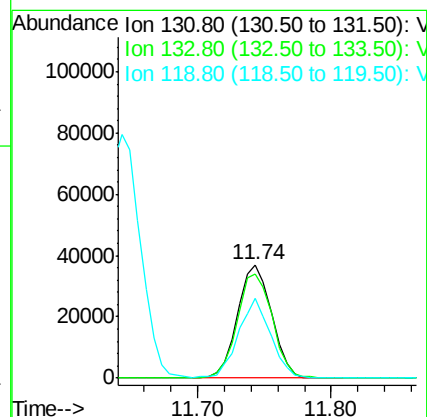
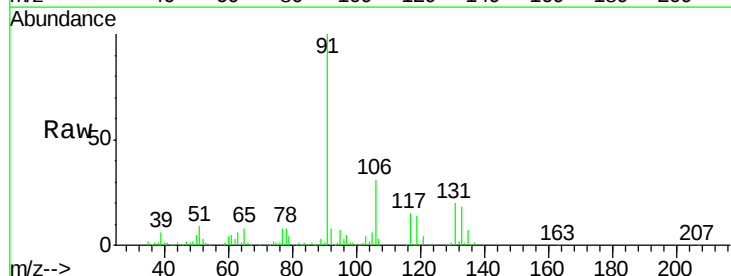
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

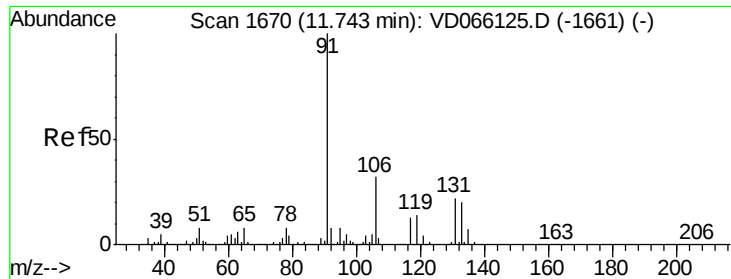
Tot Ion:112 Resp: 169929
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.623 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion:131 Resp: 65462
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 66.6 31.6 94.7

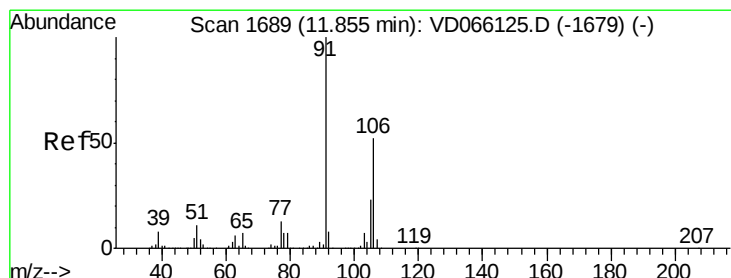
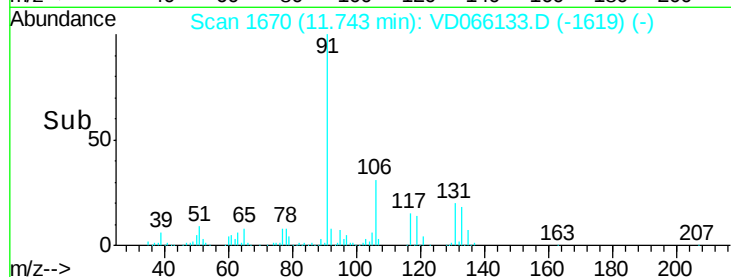
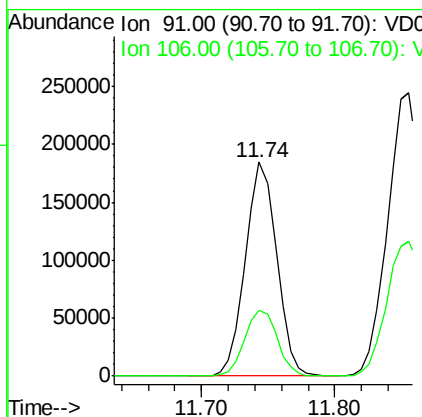
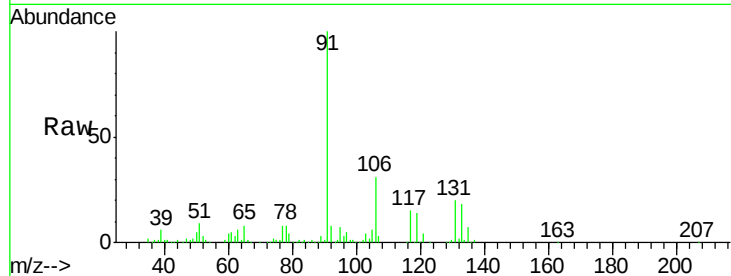




#67
Ethyl Benzene
Concen: 19.271 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

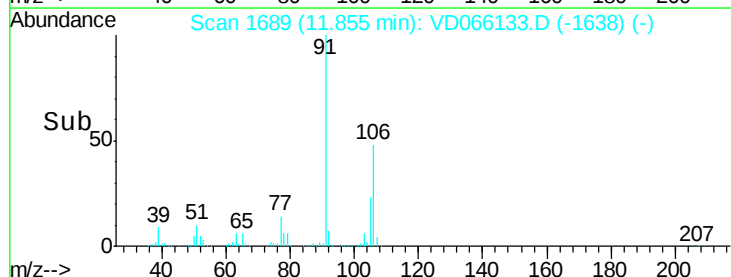
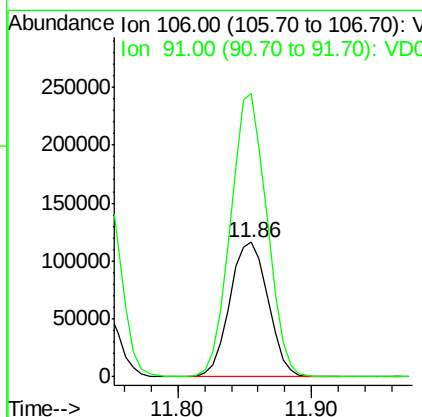
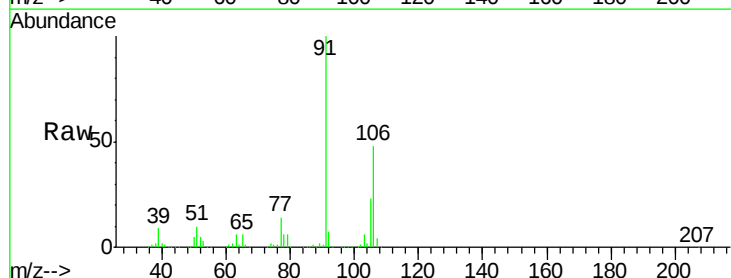
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

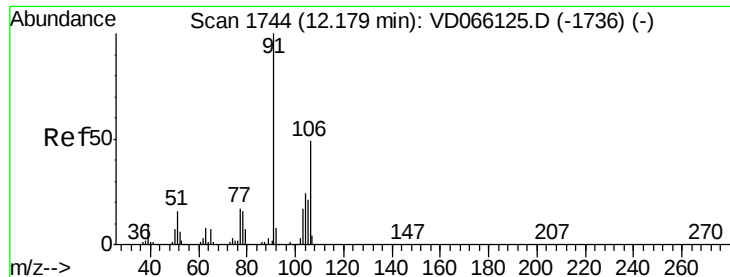
Tot Ion: 91 Resp: 300007
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5



#68
m/p-Xylenes
Concen: 38.396 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 106 Resp: 231595
Ion Ratio Lower Upper
106 100
91 200.0 156.6 235.0

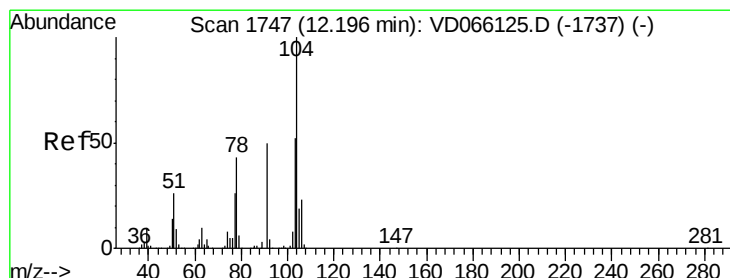
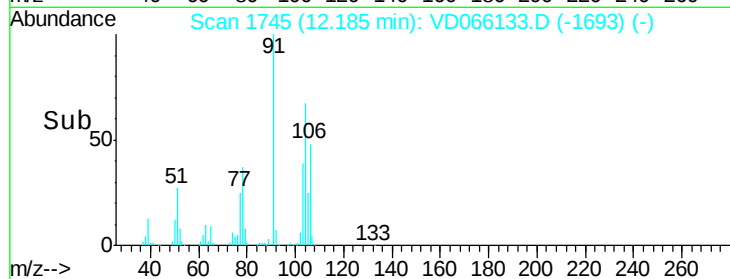
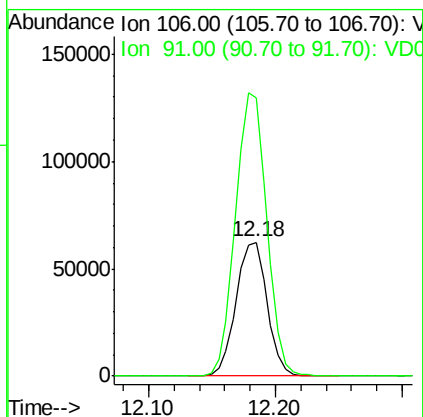
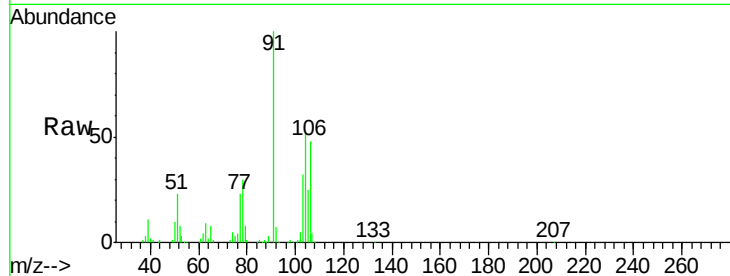




#69
o-Xylene
Concen: 19.246 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

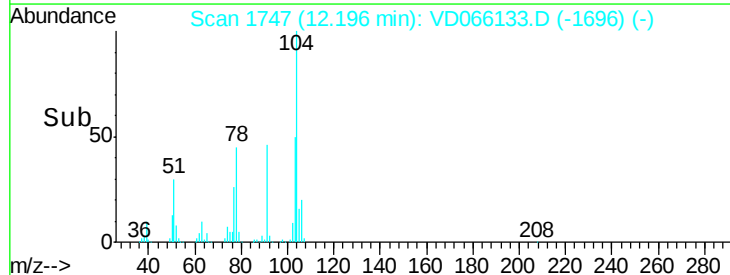
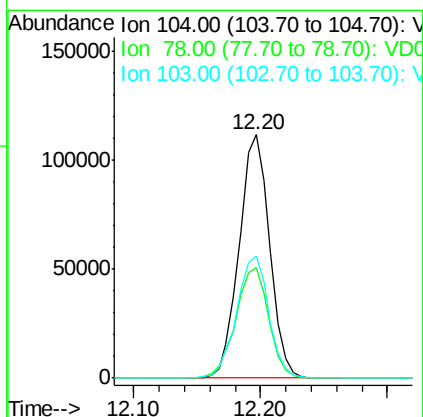
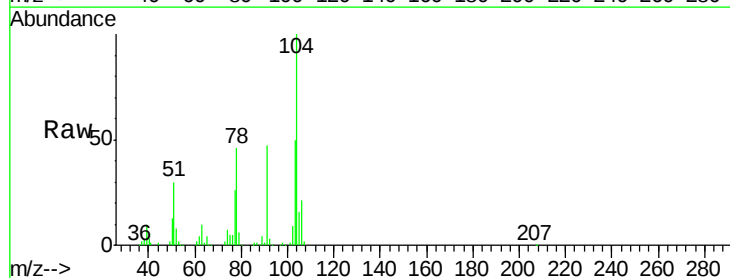
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

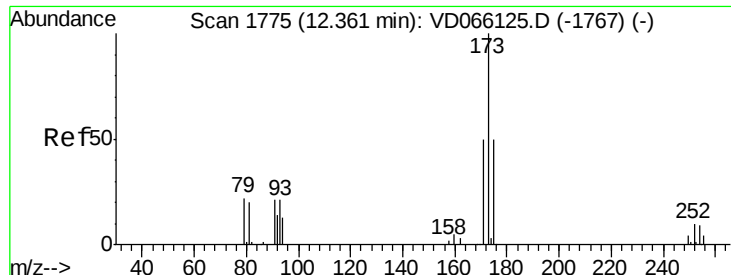
Tot Ion:106 Resp: 105599
Ion Ratio Lower Upper
106 100
91 213.4 105.7 317.1



#70
Styrene
Concen: 19.402 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion:104 Resp: 186563
Ion Ratio Lower Upper
104 100
78 49.2 38.6 58.0
103 52.8 44.1 66.1

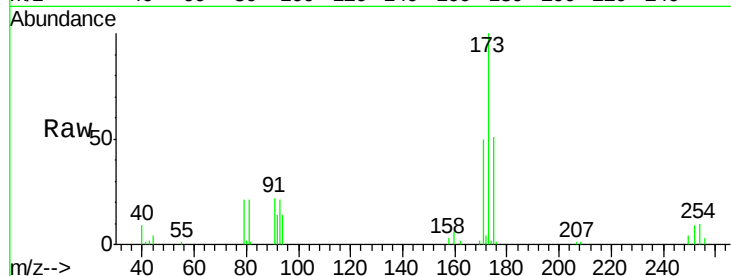




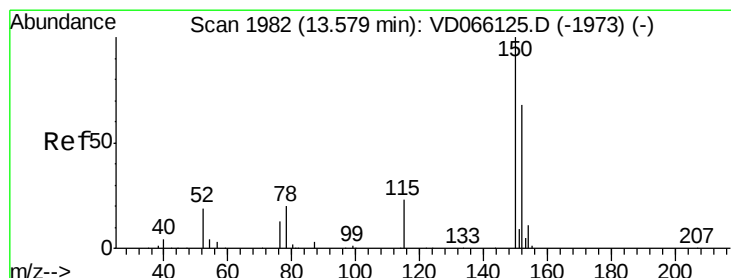
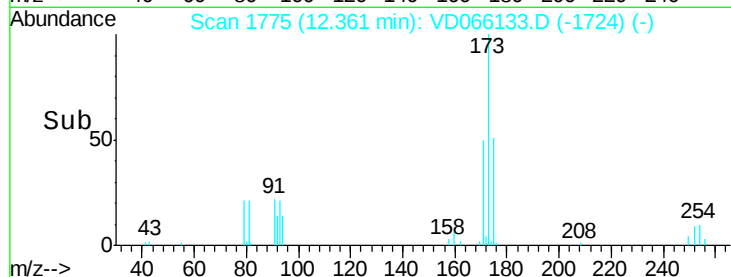
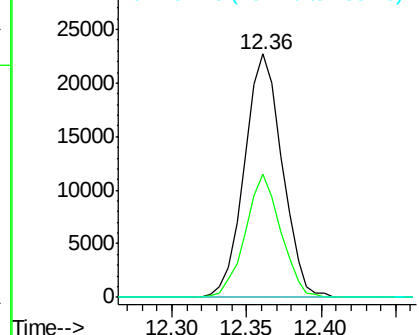
#71
Bromoform
Concen: 19.071 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tot Ion:173 Resp: 39718
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.6
254 0.0 0.2 0.2#

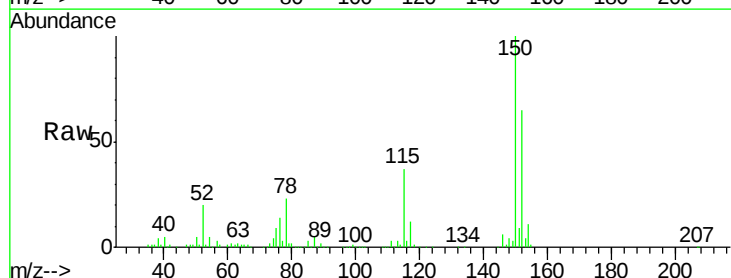


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

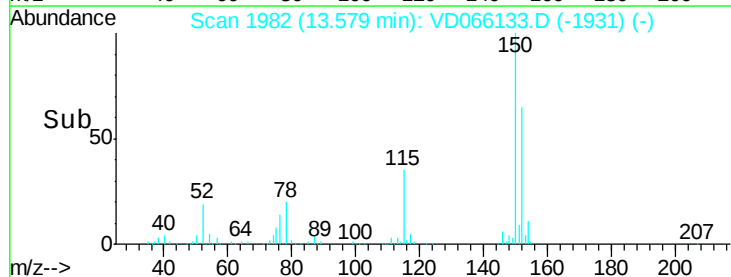
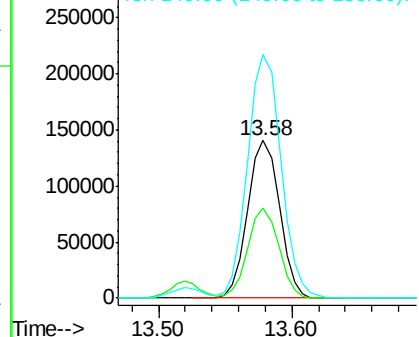


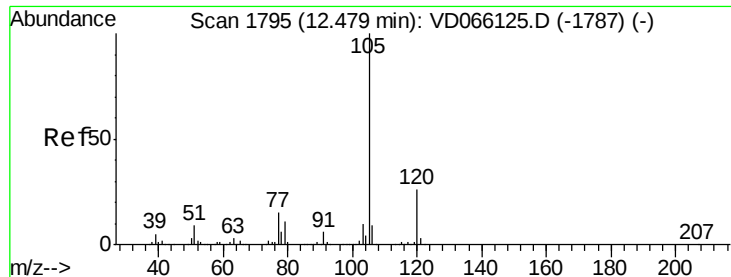
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion:152 Resp: 232418
Ion Ratio Lower Upper
152 100
115 55.6 28.0 83.9
150 162.9 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: 19.073 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

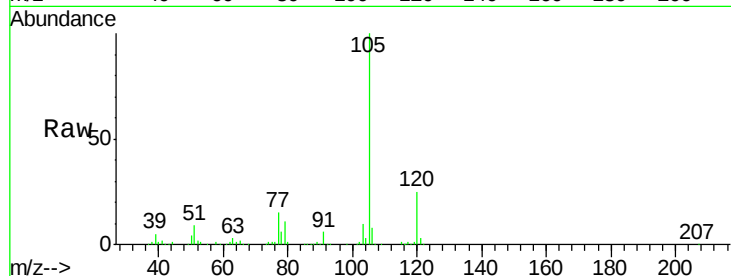
VD0806SBS01

Tot Ion:105 Resp: 295908

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

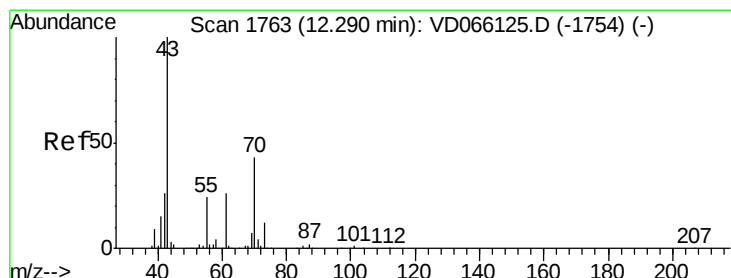
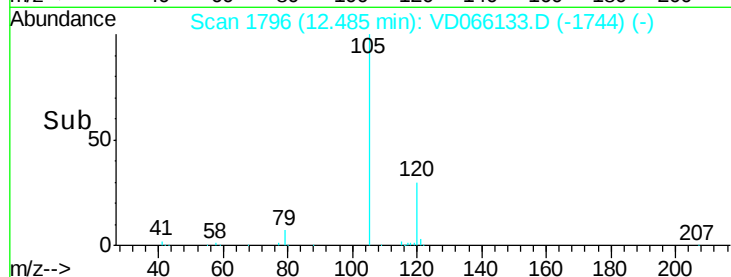
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 19.334 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Tgt Ion: 43 Resp: 66054

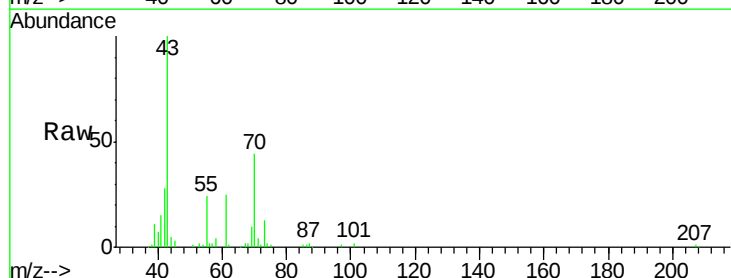
Ion Ratio Lower Upper

43 100

70 43.0 34.9 52.3

55 25.2 19.2 28.8

61 22.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

50000

40000

30000

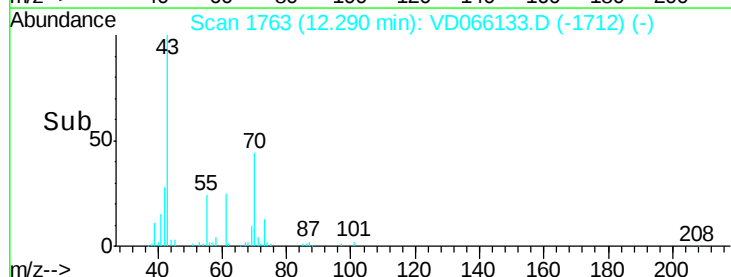
20000

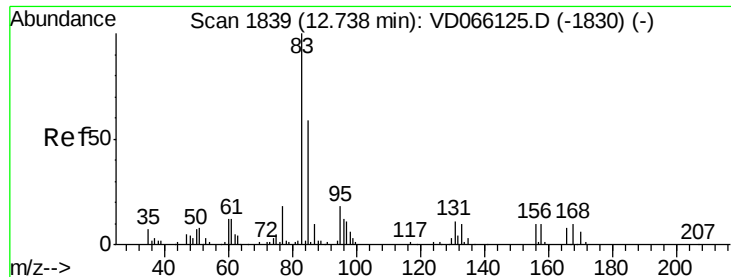
10000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.164 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

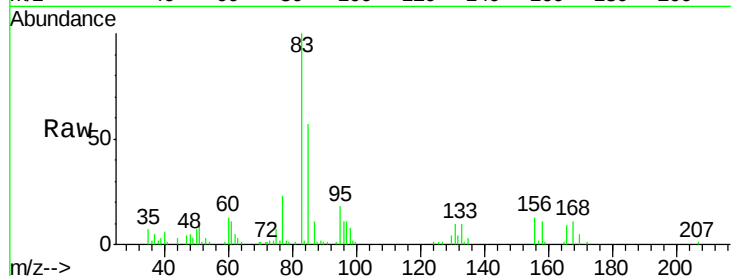
Tot Ion: 83 Resp: 50699

Ion Ratio Lower Upper

83 100

131 11.9 6.2 18.6

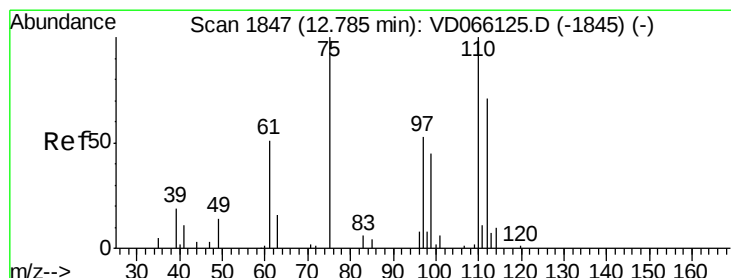
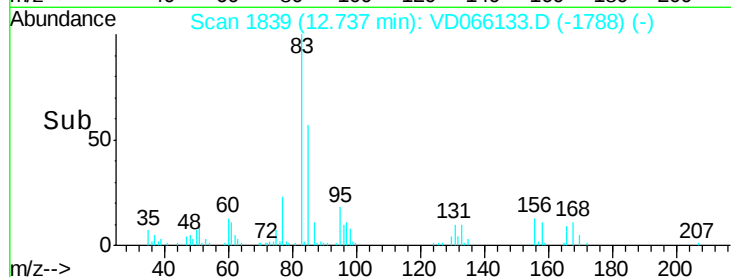
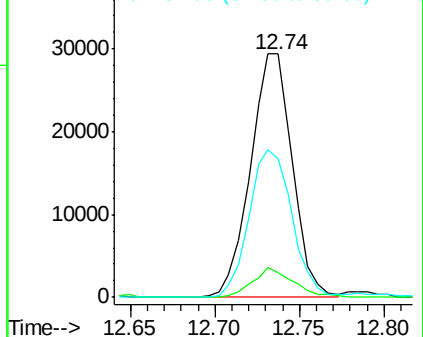
85 62.1 32.4 97.2



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: 34.159 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066133.D

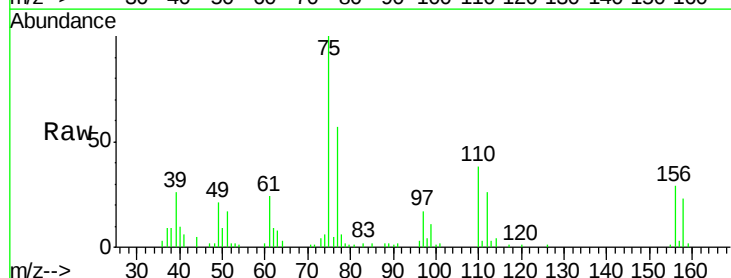
Acq: 06 Aug 2020 14:35

Tgt Ion: 75 Resp: 66207

Ion Ratio Lower Upper

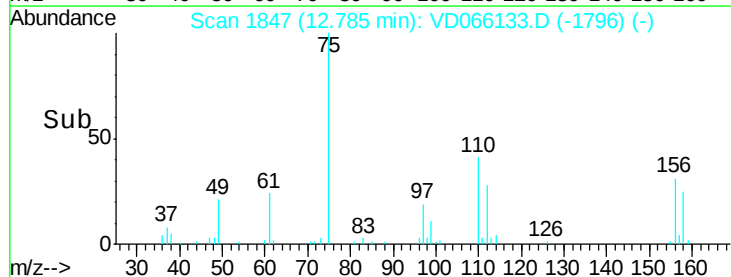
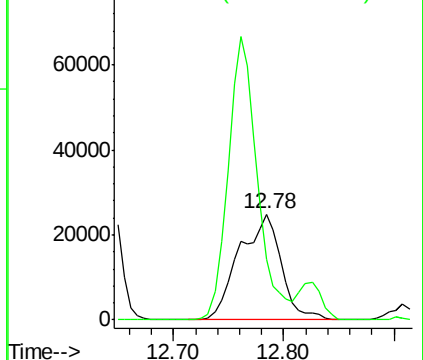
75 100

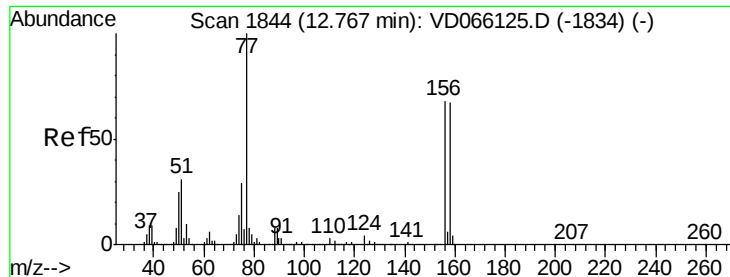
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.061 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

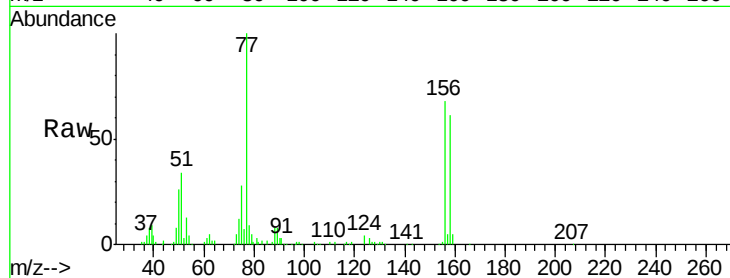
Tot Ion:156 Resp: 76123

Ion Ratio Lower Upper

156 100

77 163.1 81.0 243.1

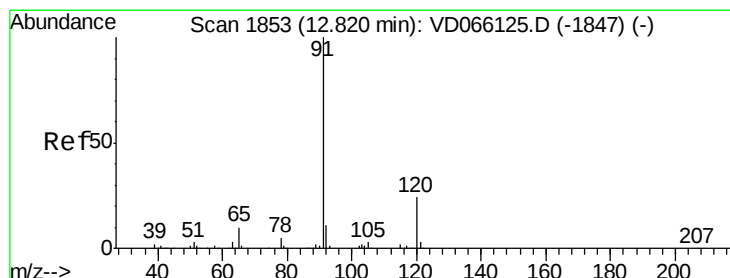
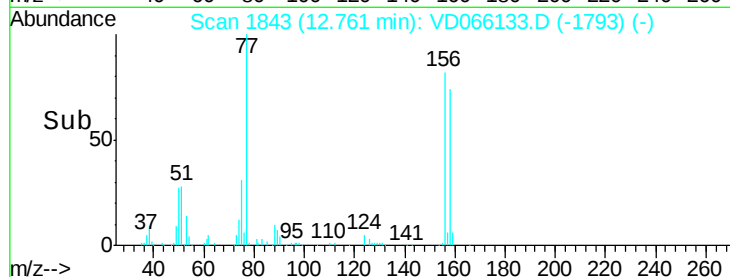
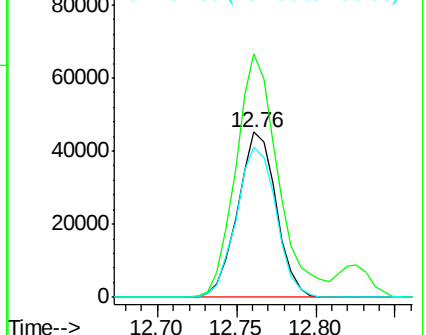
158 94.1 48.8 146.3



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: 19.146 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066133.D

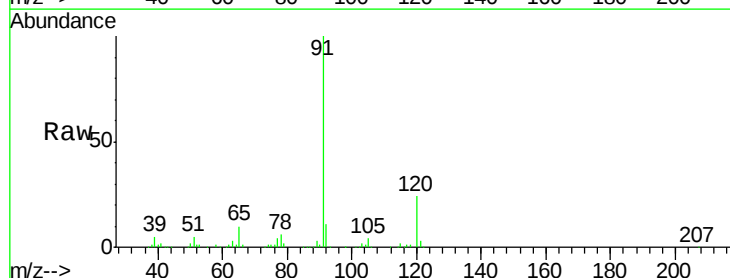
Acq: 06 Aug 2020 14:35

Tgt Ion: 91 Resp: 345288

Ion Ratio Lower Upper

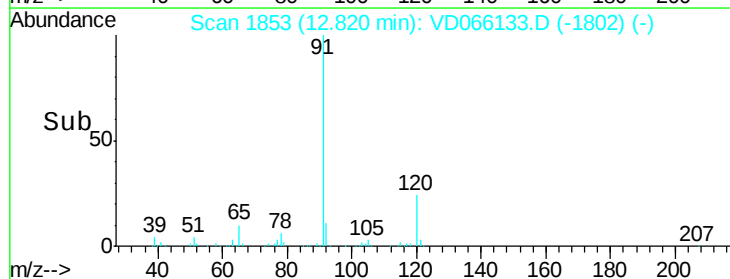
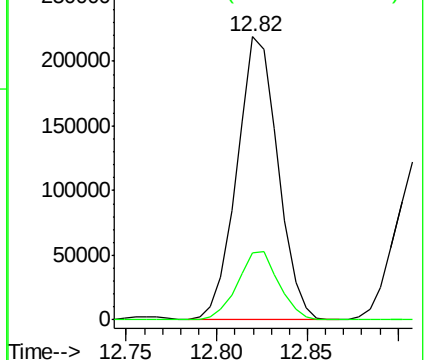
91 100

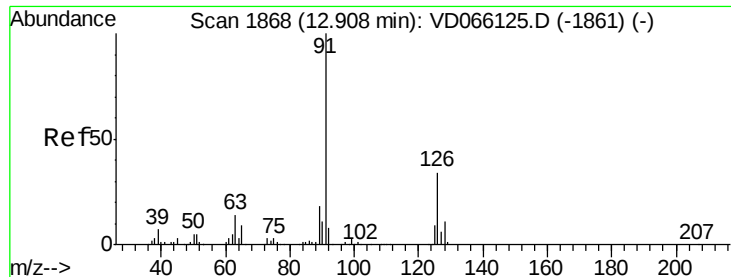
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.048 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

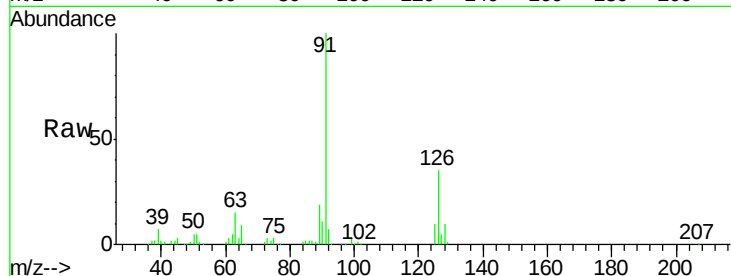
VD0806SBSD01

Tot Ion: 91 Resp: 196475

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



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

Ion 125.90 (125.60 to 126.60): VD066125.D (-1861) (-)

250000

200000

150000

100000

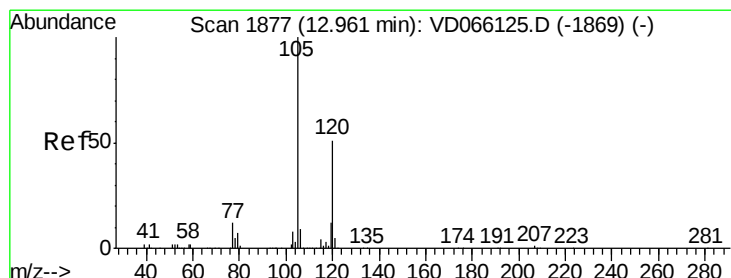
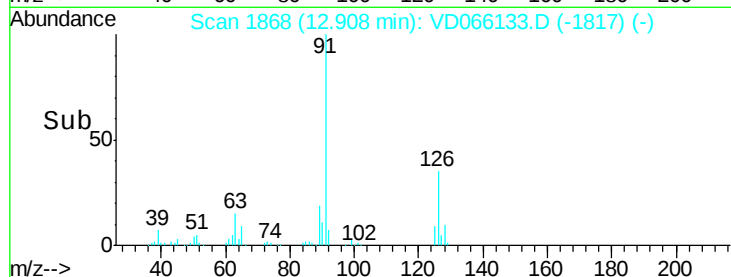
50000

0

12.85 12.90 12.95

12.91

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.124 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066133.D

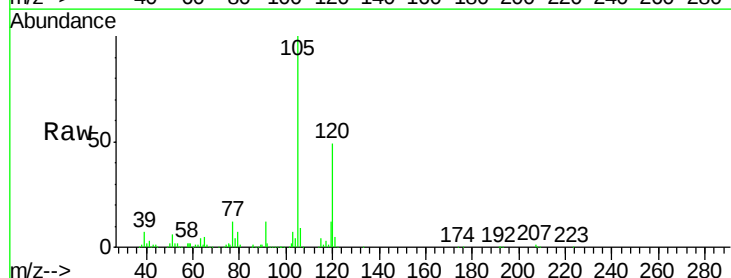
Acq: 06 Aug 2020 14:35

Tgt Ion:105 Resp: 248132

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8



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

Ion 120.00 (119.70 to 120.70): VD066125.D (-1869) (-)

150000

100000

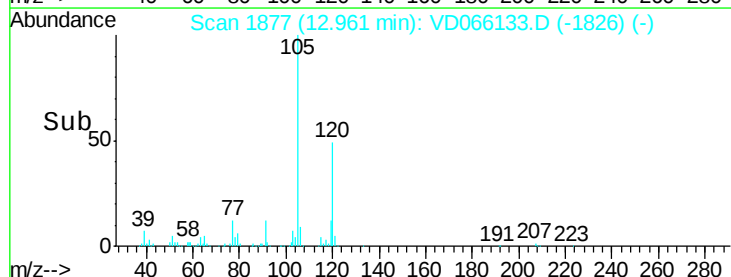
50000

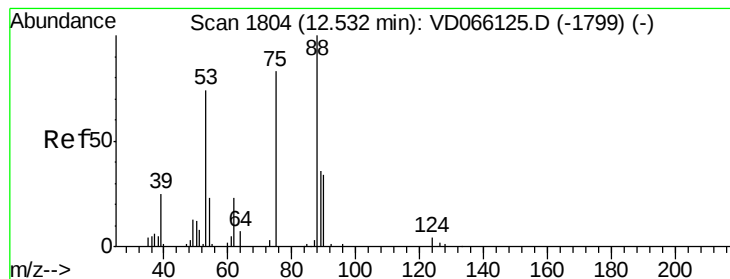
0

12.90 12.95 13.00 13.05

12.96

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.368 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

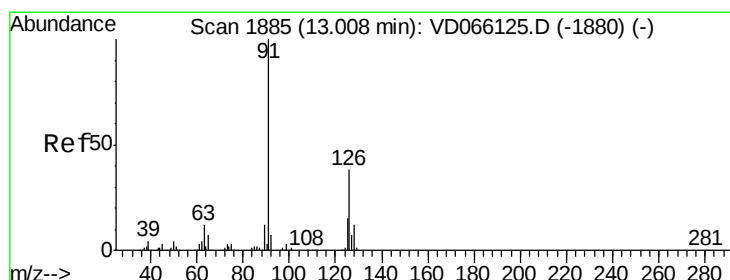
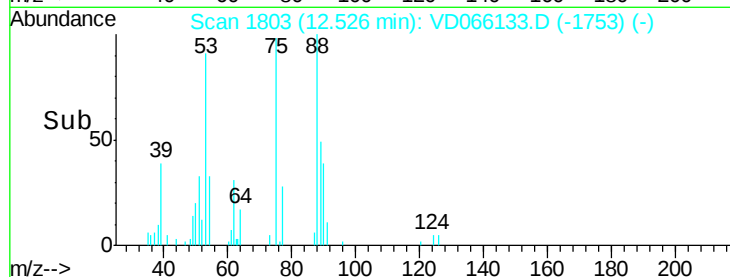
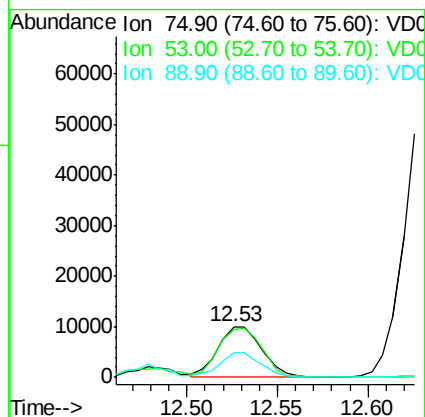
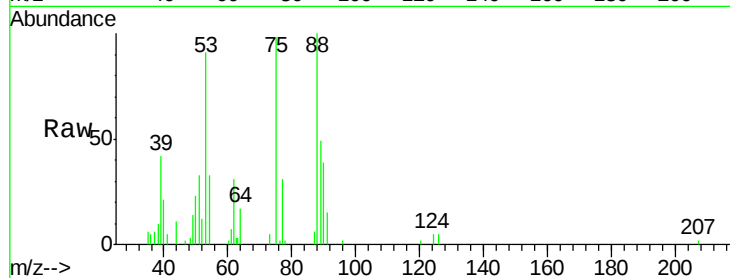
Tot Ion: 75 Resp: 16982

Ion Ratio Lower Upper

75 100

53 96.4 73.4 110.2

89 46.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.023 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066133.D

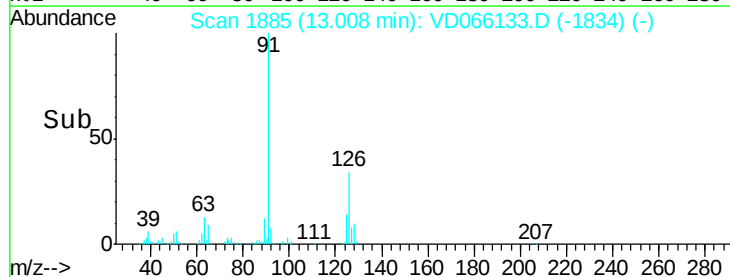
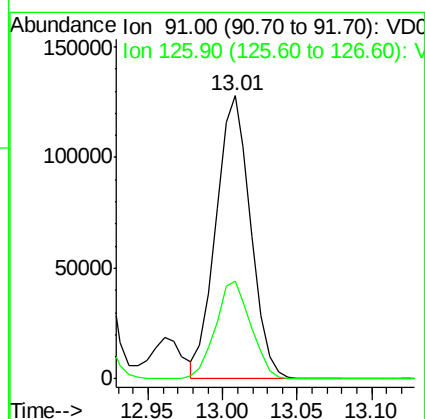
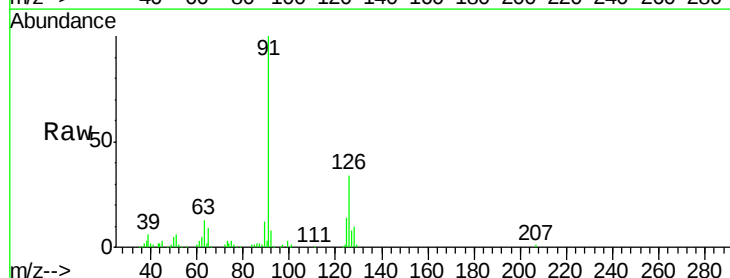
Acq: 06 Aug 2020 14:35

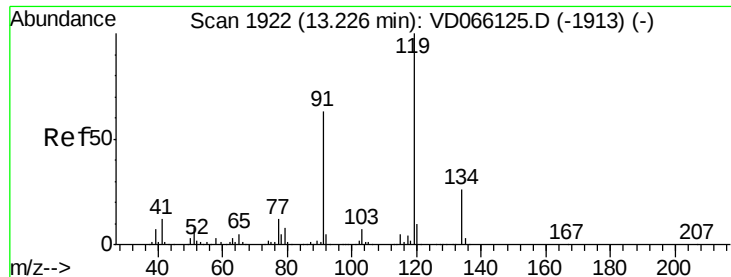
Tgt Ion: 91 Resp: 207126

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.3

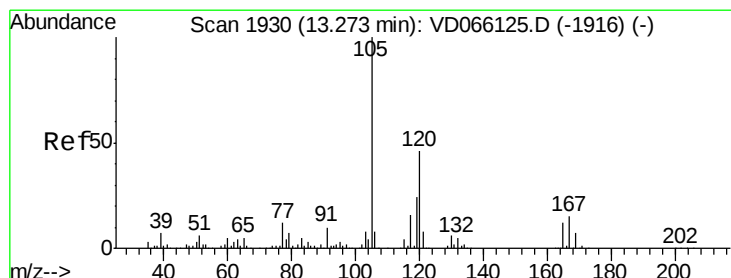
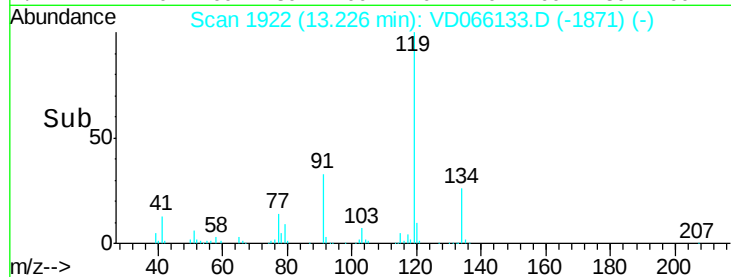
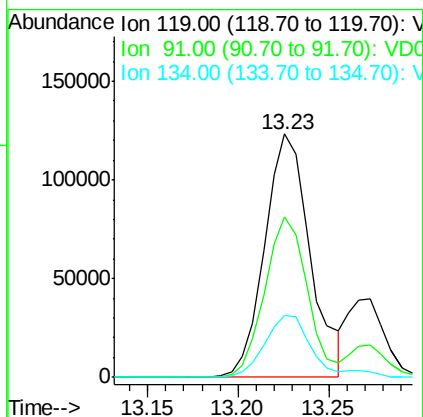
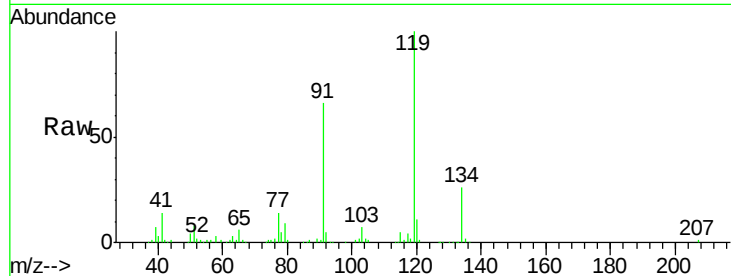




#83
tert-Butylbenzene
Concen: 18.866 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

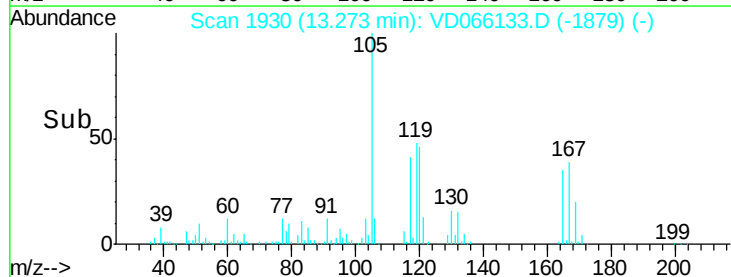
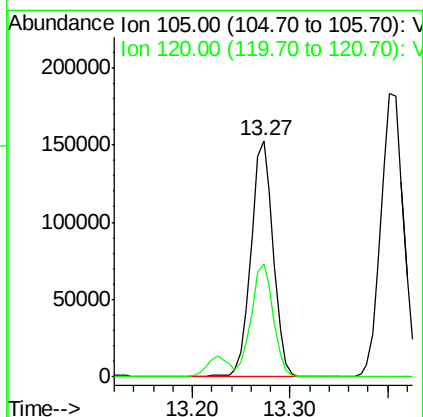
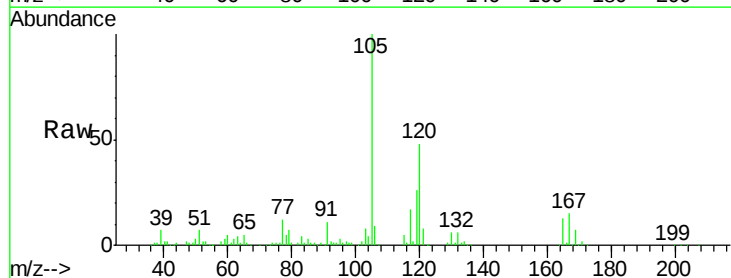
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

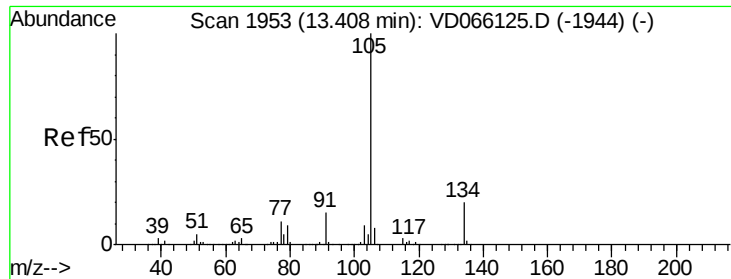
Tot Ion:119 Resp: 215272
Ion Ratio Lower Upper
119 100
91 61.8 30.8 92.4
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 18.795 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion:105 Resp: 244050
Ion Ratio Lower Upper
105 100
120 47.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.148 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

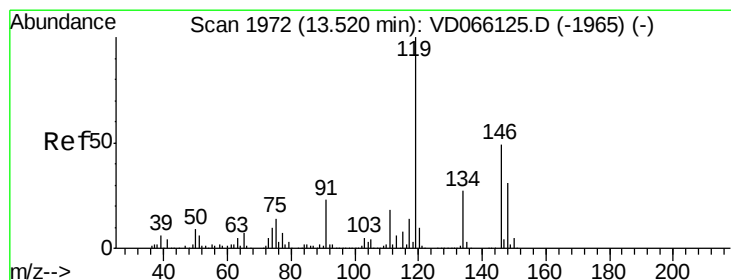
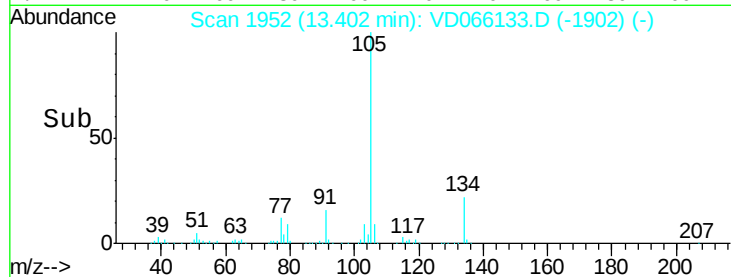
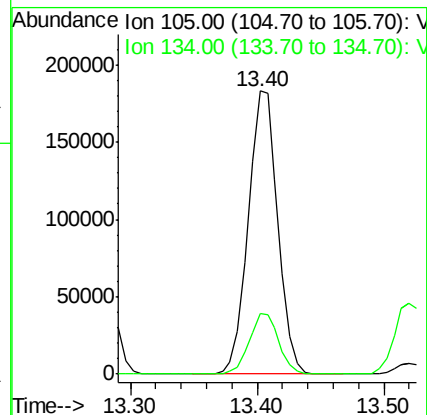
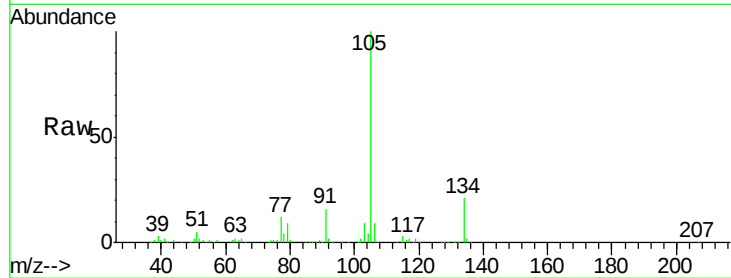
VD0806SBS01

Tot Ion:105 Resp: 294993

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.4



#86

p-Isopropyltoluene

Concen: 19.423 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

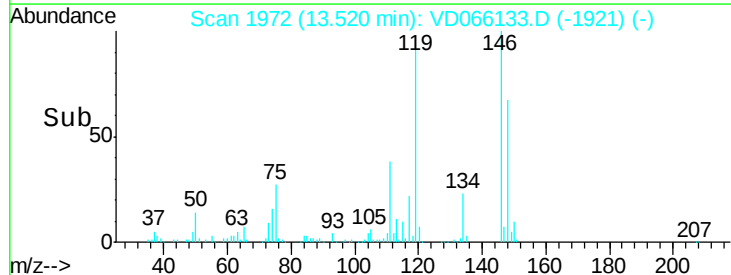
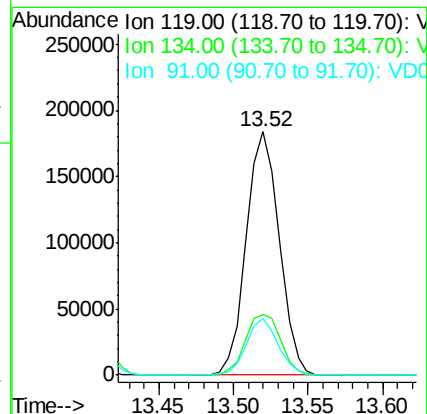
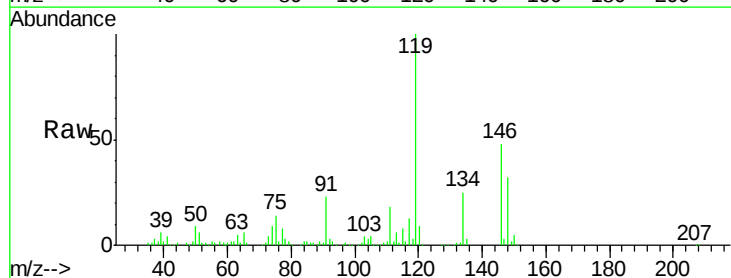
Tgt Ion:119 Resp: 280649

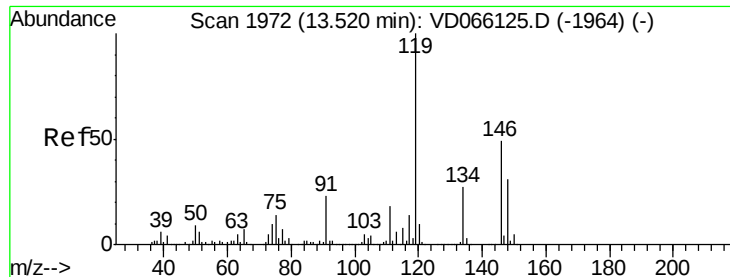
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.214 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

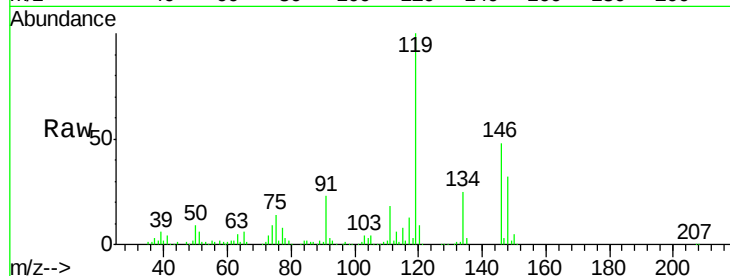
Tot Ion:146 Resp: 144221

Ion Ratio Lower Upper

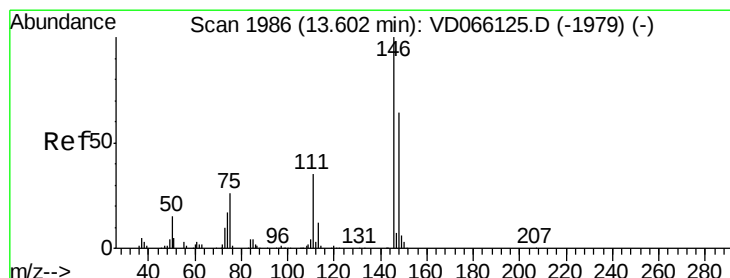
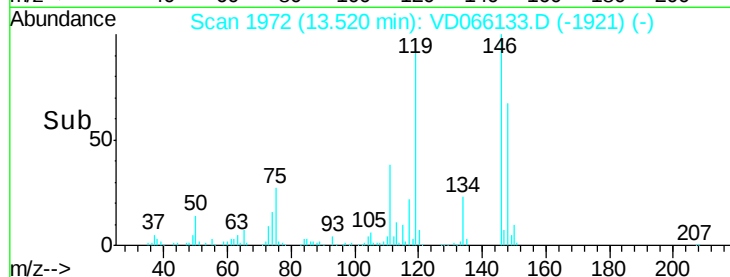
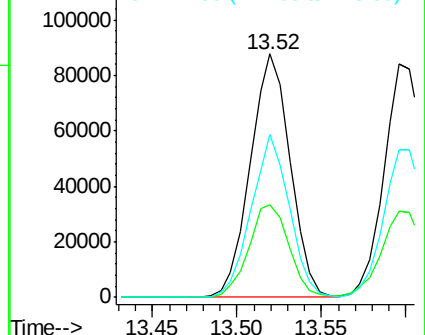
146 100

111 38.3 18.9 56.9

148 63.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.790 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

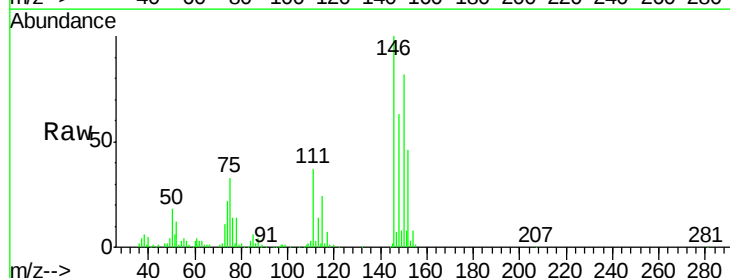
Tgt Ion:146 Resp: 140652

Ion Ratio Lower Upper

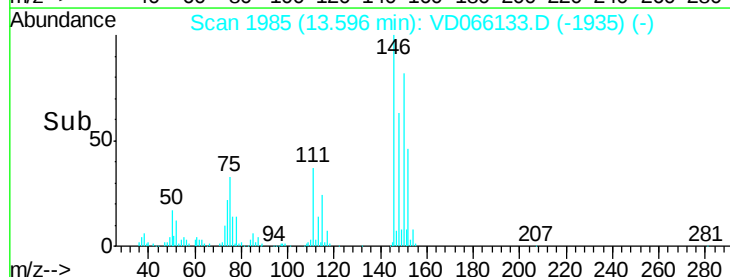
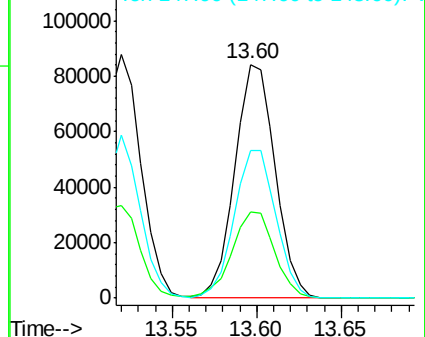
146 100

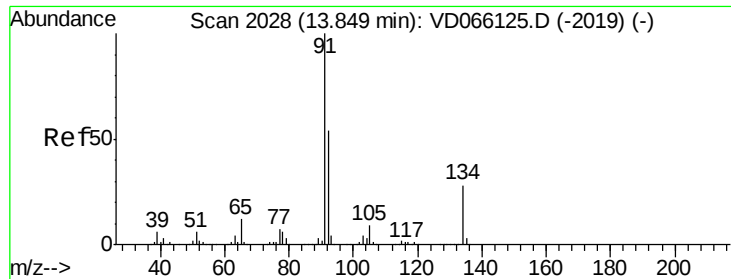
111 38.8 18.6 55.8

148 65.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

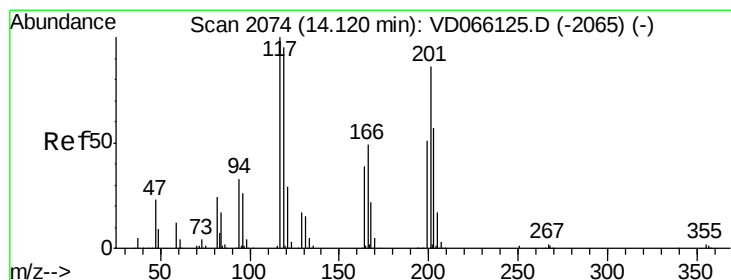
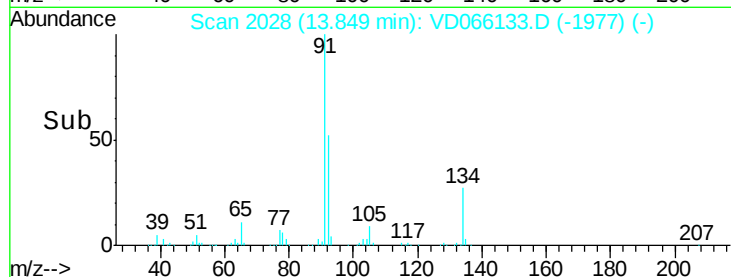
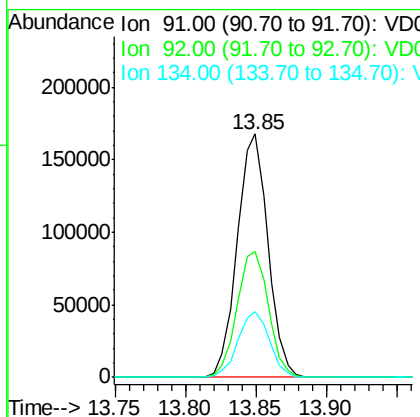
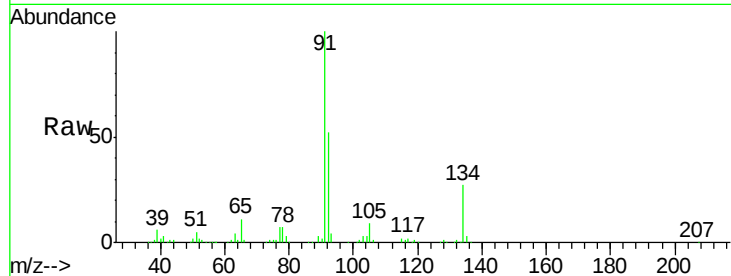




#89
n-Butylbenzene
Concen: 19.688 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

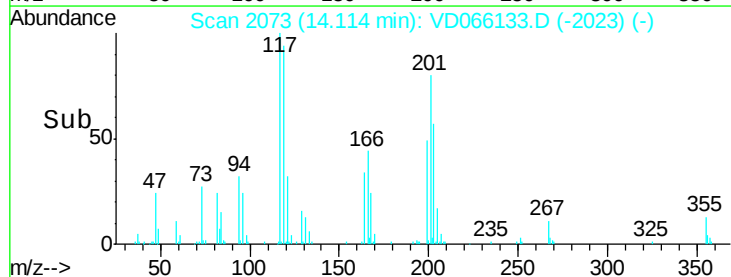
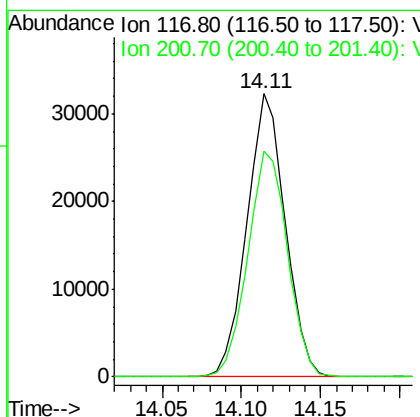
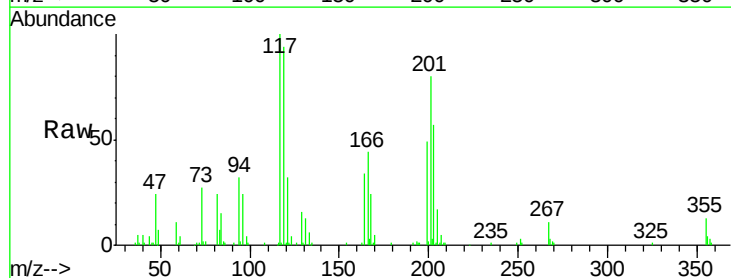
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

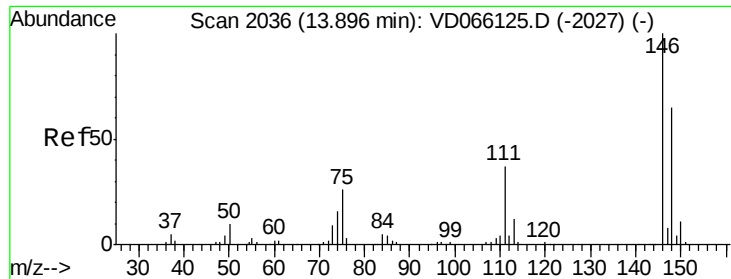
Tot Ion: 91 Resp: 254879
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 27.6 14.0 41.9



#90
Hexachloroethane
Concen: 18.836 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066133.D
Acq: 06 Aug 2020 14:35

Tgt Ion: 117 Resp: 54280
Ion Ratio Lower Upper
117 100
201 82.8 42.7 128.1

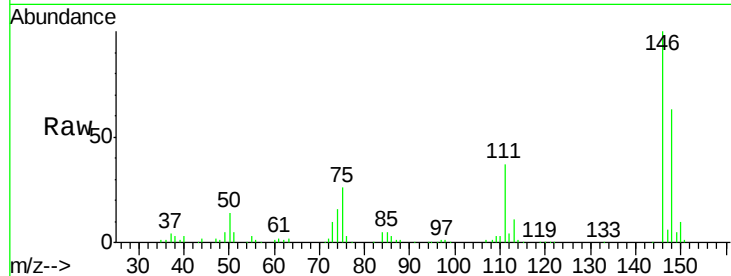




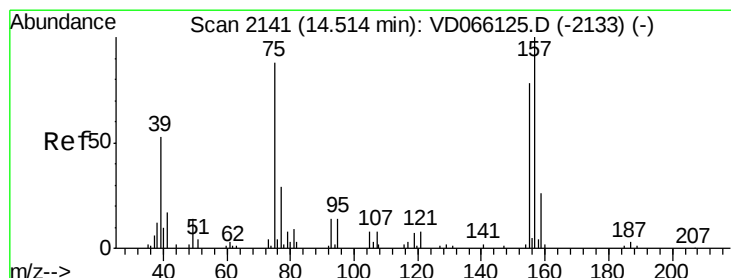
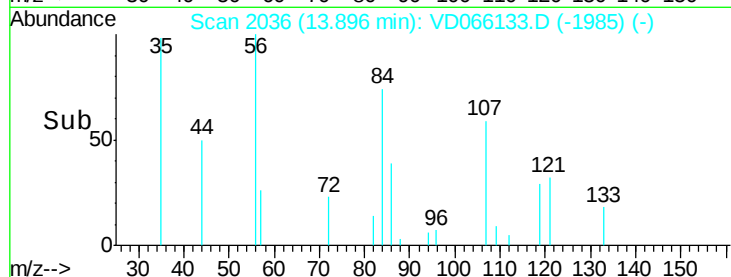
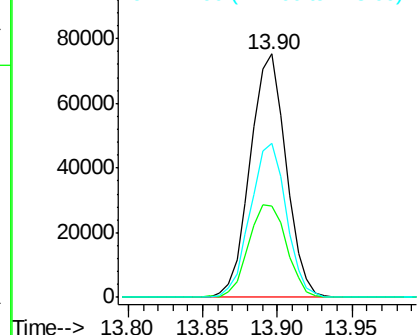
#91
 1,2-Dichlorobenzene
 Concen: 18.796 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

Tot Ion:146 Resp: 124771
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.8 56.3
 148 63.5 31.9 95.5

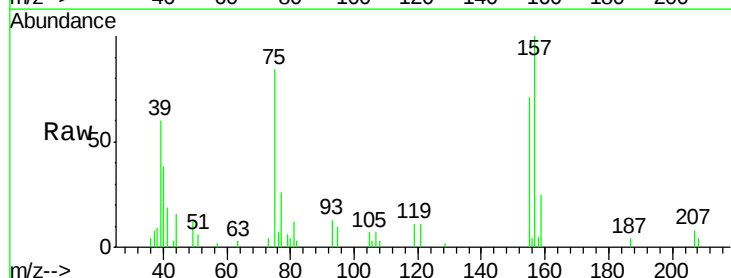


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

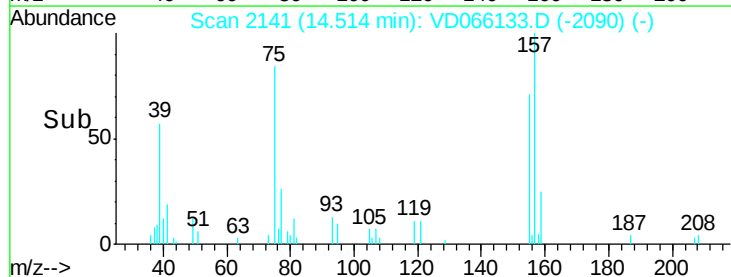
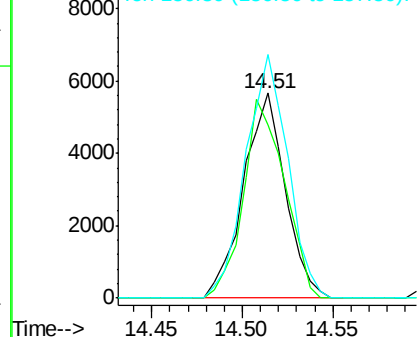


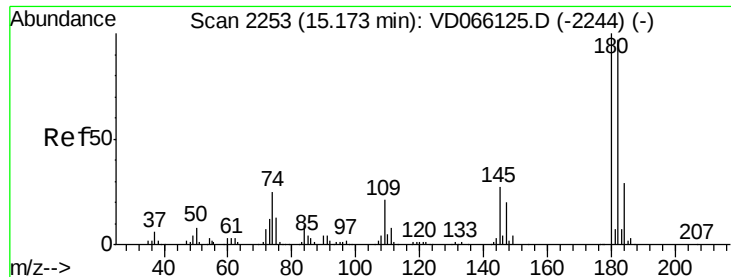
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.944 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion: 75 Resp: 9068
 Ion Ratio Lower Upper
 75 100
 155 95.5 47.7 143.1
 157 119.9 62.1 186.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

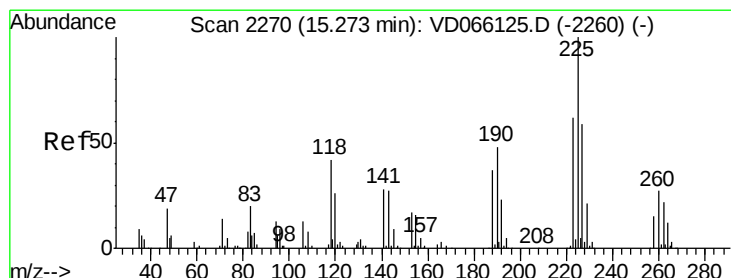
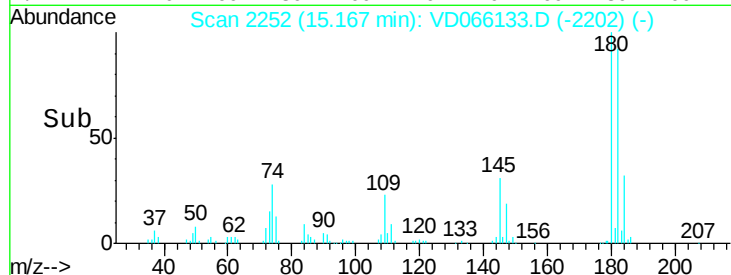
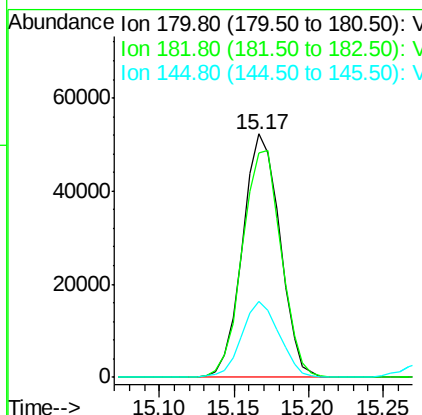
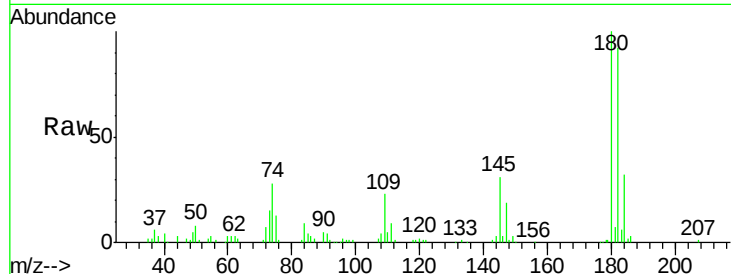




#93
 1,2,4-Trichlorobenzene
 Concen: 18.510 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

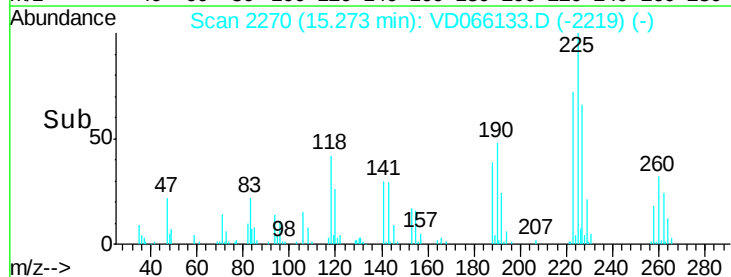
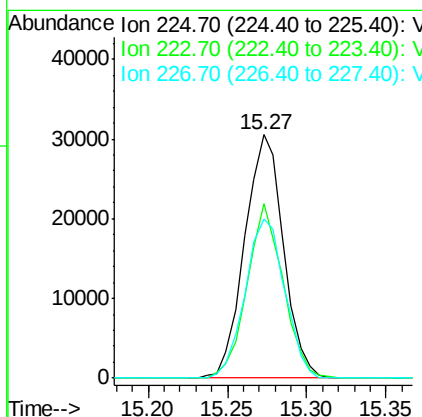
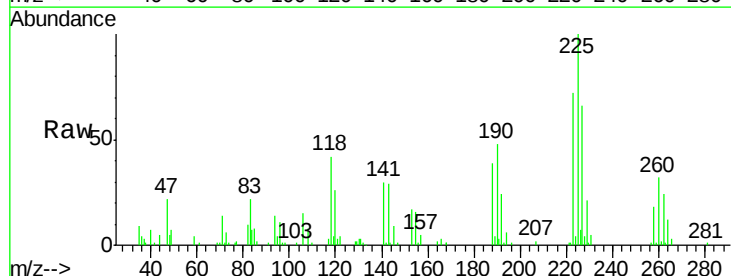
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

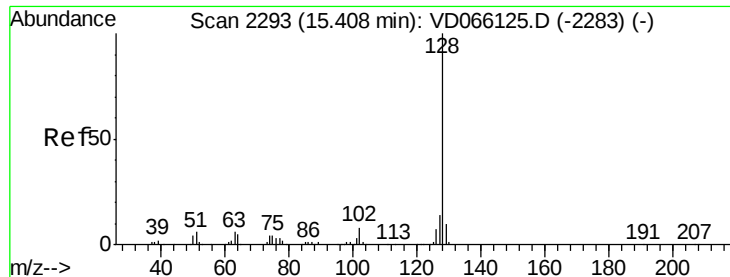
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.4	142.2
145	31.3	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 17.984 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066133.D
 Acq: 06 Aug 2020 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	32.3	96.9
227	66.7	32.1	96.5





#95

Naphthalene

Concen: 19.146 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

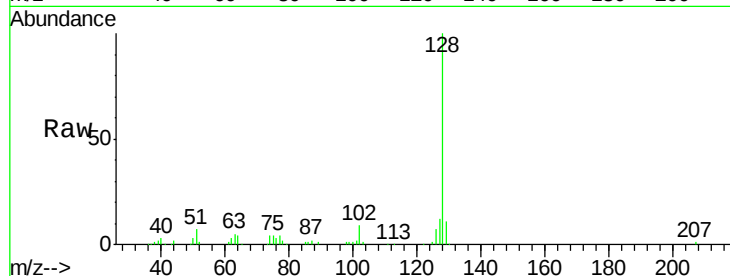
Tot Ion:128 Resp: 152612

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

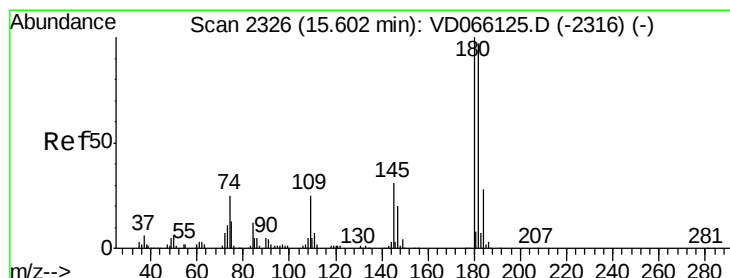
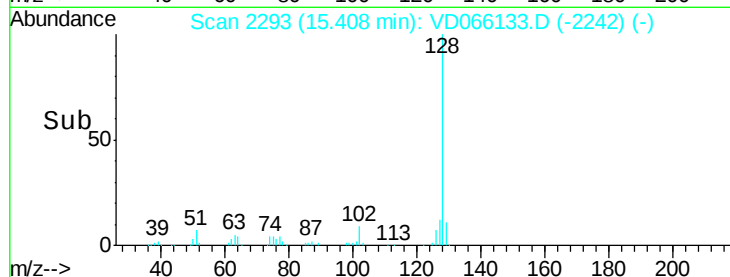
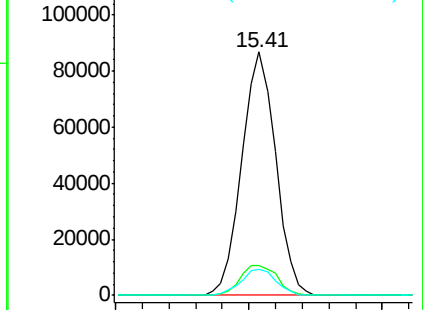
129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.765 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066133.D

Acq: 06 Aug 2020 14:35

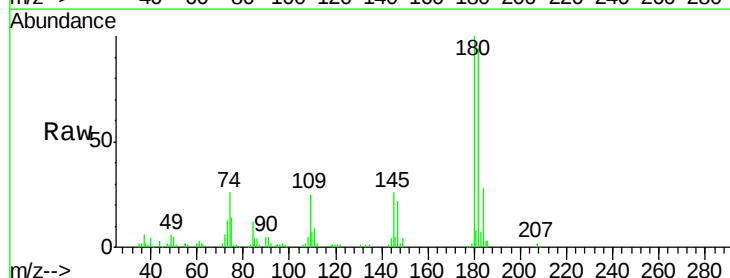
Tgt Ion:180 Resp: 81035

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 29.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

