

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066132.D
 Acq On : 06 Aug 2020 14:07
 Operator : VA/SY
 Sample : VD0806SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Quant Time: Aug 07 01:24:33 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	325594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	470288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	437987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	143259	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.91	113	145723	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.34	98	568021	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.63	95	203014	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63687	22.201	ug/l	100
3) Chloromethane	2.20	50	43798	19.628	ug/l	95
4) Vinyl Chloride	2.34	62	40115	20.306	ug/l	95
5) Bromomethane	2.74	94	25124	19.168	ug/l	98
6) Chloroethane	2.90	64	23693	19.538	ug/l	93
7) Trichlorofluoromethane	3.26	101	101577	19.722	ug/l	98
8) Diethyl Ether	3.70	74	29017	19.967	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	62379	20.408	ug/l	97
10) Methyl Iodide	4.30	142	51005	22.580	ug/l	98
11) Tert butyl alcohol	5.20	59	1486	Below Cal	#	76
12) 1,1-Dichloroethene	4.06	96	58236	20.196	ug/l	97
13) Acrolein	3.91	56	22799	98.605	ug/l	99
14) Allyl chloride	4.70	41	87672	20.069	ug/l	99
15) Acrylonitrile	5.41	53	62286	101.708	ug/l	98
16) Acetone	4.16	43	61637	111.831	ug/l	99
17) Carbon Disulfide	4.40	76	182594	19.916	ug/l	100
18) Methyl Acetate	4.72	43	28969	20.693	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	129690	19.623	ug/l	96
20) Methylene Chloride	4.96	84	77306	21.791	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	65613	19.808	ug/l	95
22) Diisopropyl ether	6.36	45	176858	20.473	ug/l	98
23) Vinyl Acetate	6.30	43	521015	102.950	ug/l	100
24) 1,1-Dichloroethane	6.26	63	104954	19.632	ug/l	96
25) 2-Butanone	7.21	43	80468	99.263	ug/l	99
26) 2,2-Dichloropropane	7.20	77	98213	20.497	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	69174	19.910	ug/l	98
28) Bromochloromethane	7.54	49	41076	21.876	ug/l	99
29) Tetrahydrofuran	7.56	42	52791	105.108	ug/l	99
30) Chloroform	7.70	83	108250	19.283	ug/l	95
31) Cyclohexane	7.98	56	102657	20.172	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	101588	19.301	ug/l	99
36) 1,1-Dichloropropene	8.11	75	89039	20.148	ug/l	98
37) Ethyl Acetate	7.28	43	35682	20.378	ug/l	98
38) Carbon Tetrachloride	8.09	117	97814	19.848	ug/l	91

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Quant Time: Aug 07 01:24:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	107247	20.075	ug/l	97
40) Benzene	8.34	78	237065	19.337	ug/l	97
41) Methacrylonitrile	7.51	41	17240	16.746	ug/l #	83
42) 1,2-Dichloroethane	8.42	62	69396	19.269	ug/l	99
43) Isopropyl Acetate	8.44	43	70349	20.391	ug/l	98
44) Trichloroethene	9.11	130	71610	19.384	ug/l	90
45) 1,2-Dichloropropane	9.38	63	58823	19.619	ug/l	95
46) Dibromomethane	9.47	93	32143	19.462	ug/l	99
47) Bromodichloromethane	9.66	83	83465	19.121	ug/l	99
48) Methyl methacrylate	9.45	41	31492	17.877	ug/l	89
49) 1,4-Dioxane	9.45	88	9236	435.283	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	180123	101.644	ug/l	97
52) Toluene	10.40	92	163057	20.213	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	83813	20.233	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	95924	19.764	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	45932	19.314	ug/l	97
56) Ethyl methacrylate	10.66	69	56612	19.816	ug/l	99
57) 1,3-Dichloropropane	10.94	76	79378	20.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	138360	107.668	ug/l	100
59) 2-Hexanone	10.98	43	131103	105.415	ug/l	98
60) Dibromochloromethane	11.14	129	63652	19.387	ug/l	97
61) 1,2-Dibromoethane	11.24	107	45946	20.089	ug/l	100
64) Tetrachloroethene	10.87	164	64825	19.274	ug/l	96
65) Chlorobenzene	11.67	112	172699	19.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	66032	18.981	ug/l	98
67) Ethyl Benzene	11.74	91	310351	20.142	ug/l	97
68) m/p-Xylenes	11.86	106	237758	39.828	ug/l	96
69) o-Xylene	12.18	106	111776	20.584	ug/l	95
70) Styrene	12.20	104	190027	19.967	ug/l	98
71) Bromoform	12.36	173	39416	19.123	ug/l #	98
73) Isopropylbenzene	12.48	105	306525	19.747	ug/l	100
74) N-amyl acetate	12.29	43	67691	19.803	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	53056	20.045	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	65970	34.018	ug/l #	100
77) Bromobenzene	12.76	156	77813	19.473	ug/l	98
78) n-propylbenzene	12.82	91	357894	19.834	ug/l	100
79) 2-Chlorotoluene	12.91	91	201641	19.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	255675	19.695	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	17433	19.872	ug/l	97
82) 4-Chlorotoluene	13.01	91	212185	19.477	ug/l	100
83) tert-Butylbenzene	13.23	119	213199	18.674	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	252142	19.408	ug/l	98
85) sec-Butylbenzene	13.41	105	303702	19.703	ug/l	100
86) p-Isopropyltoluene	13.52	119	288410	19.949	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	146519	19.510	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	145458	19.421	ug/l	98
89) n-Butylbenzene	13.85	91	264330	20.407	ug/l	100
90) Hexachloroethane	14.11	117	56853	19.718	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	129562	19.507	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9737	21.404	ug/l	89

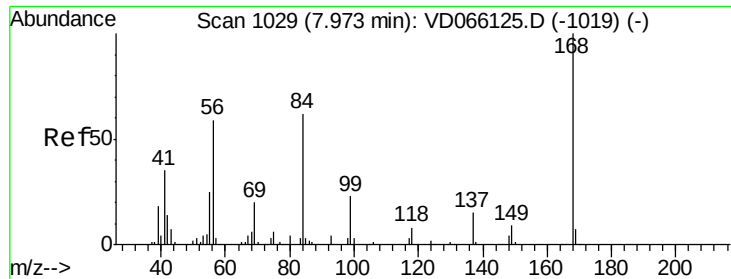
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	95704	19.553	ug/l	100
94) Hexachlorobutadiene	15.27	225	54455	18.893	ug/l	99
95) Naphthalene	15.41	128	157749	19.780	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	80638	18.663	ug/l	96

(#) = 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: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

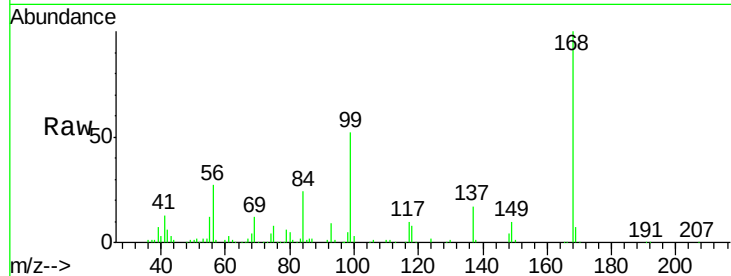
VD0806SBS01

Tot Ion:168 Resp: 325594

Ion Ratio Lower Upper

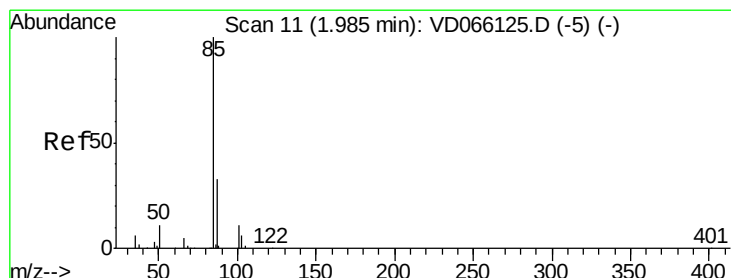
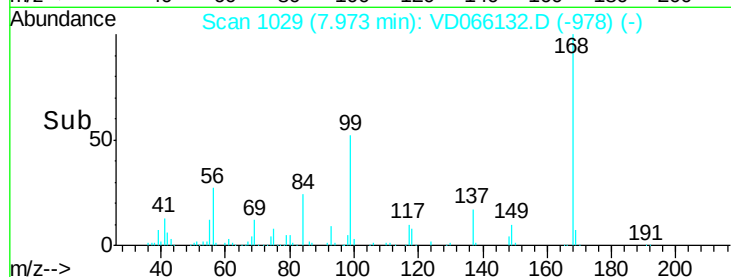
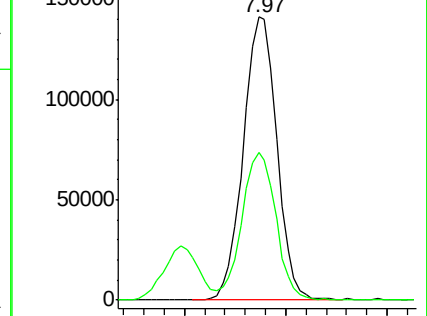
168 100

99 52.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.201 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066132.D

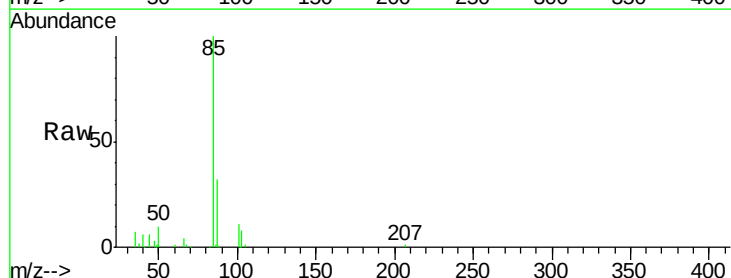
Acq: 06 Aug 2020 14:07

Tgt Ion: 85 Resp: 63687

Ion Ratio Lower Upper

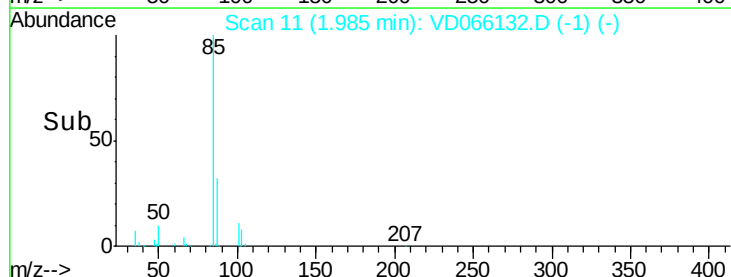
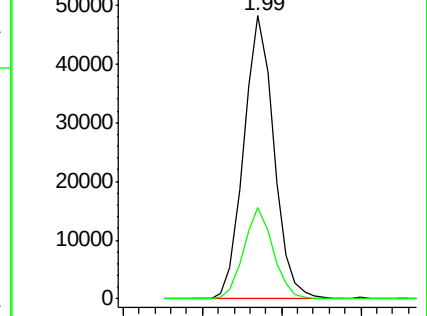
85 100

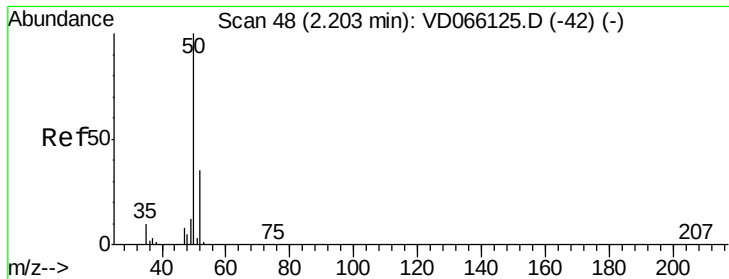
87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.628 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

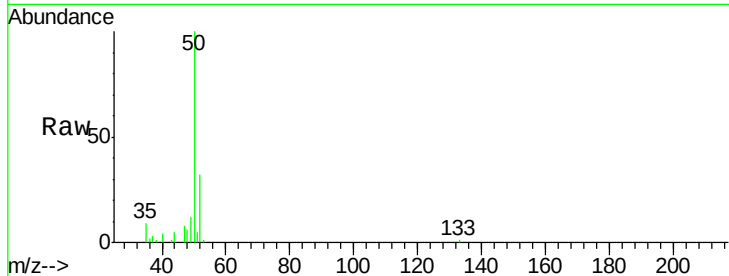
VD0806SBS01

Tot Ion: 50 Resp: 43798

Ion Ratio Lower Upper

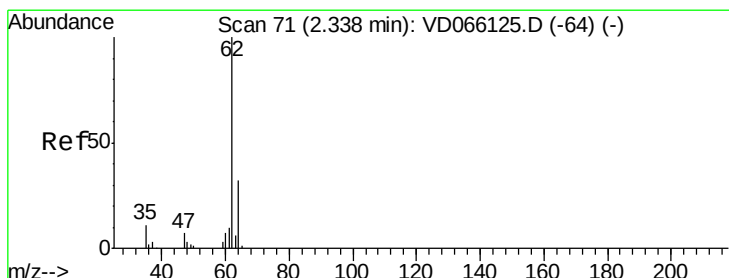
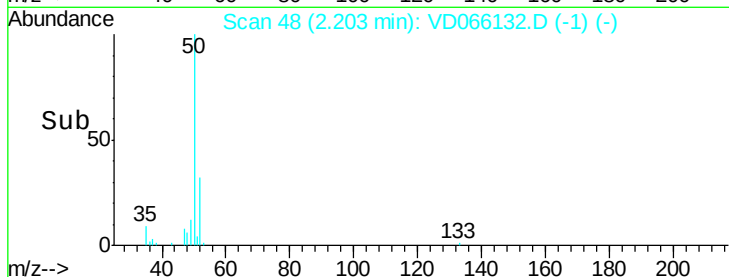
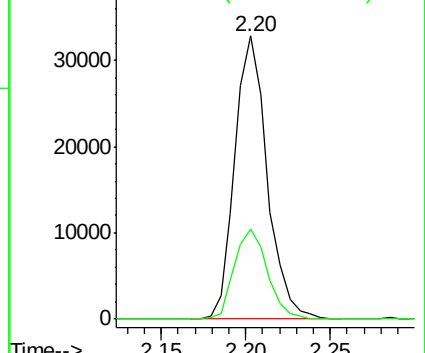
50 100

52 32.0 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.306 ug/l

RT: 2.34 min Scan# 71

Delta R.T. 0.00 min

Lab File: VD066132.D

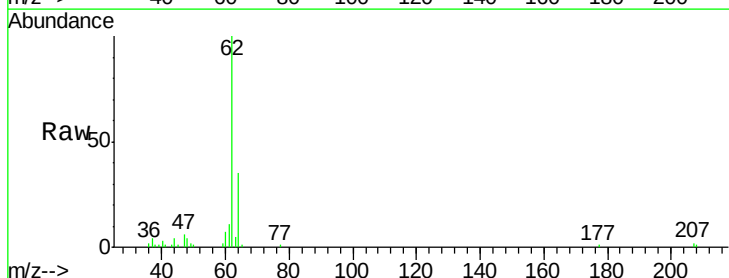
Acq: 06 Aug 2020 14:07

Tgt Ion: 62 Resp: 40115

Ion Ratio Lower Upper

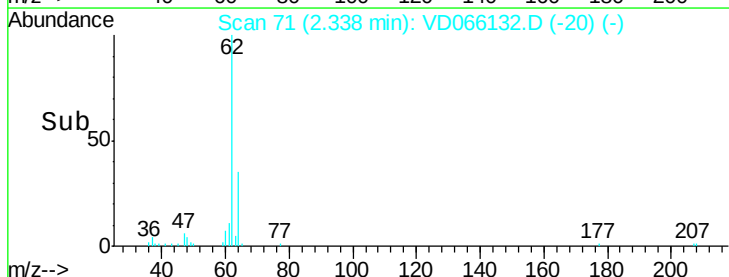
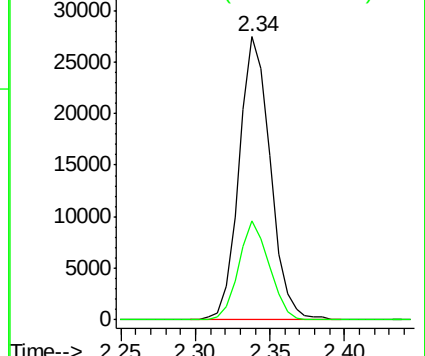
62 100

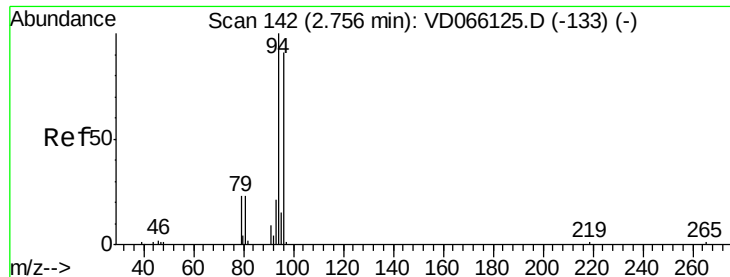
64 35.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.168 ug/l

RT: 2.74 min Scan# 139

Delta R.T. -0.02 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

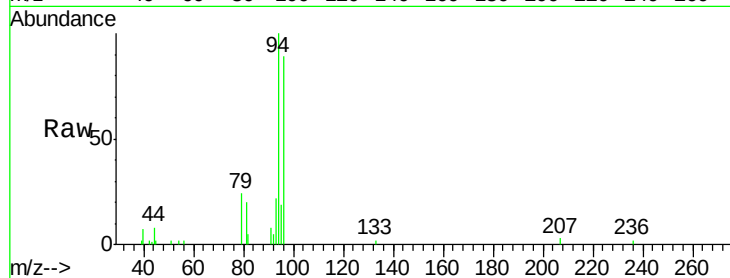
VD0806SBS01

Tot Ion: 94 Resp: 25124

Ion Ratio Lower Upper

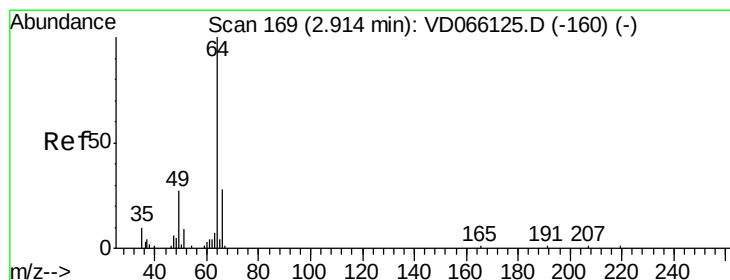
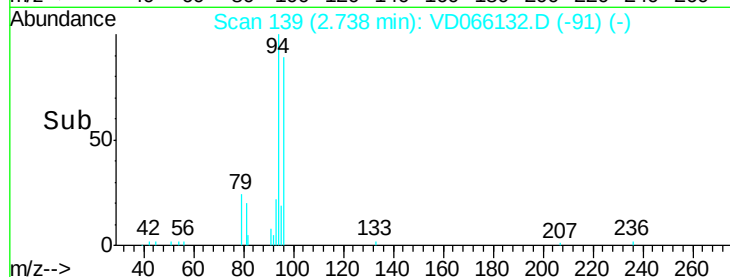
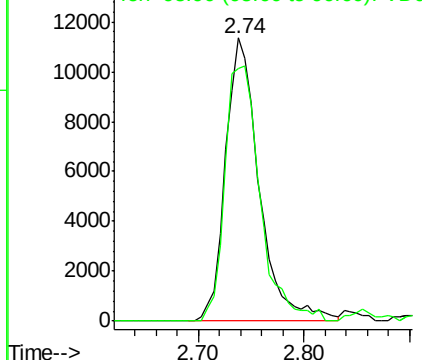
94 100

96 89.4 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.538 ug/l

RT: 2.90 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD066132.D

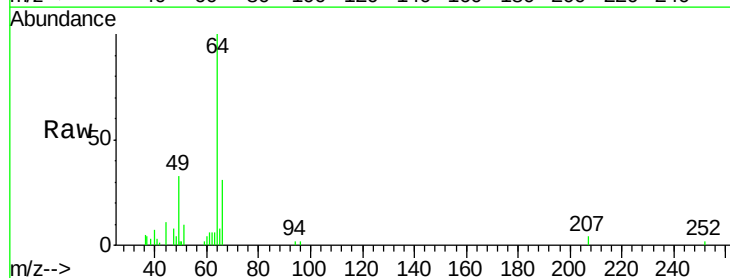
Acq: 06 Aug 2020 14:07

Tgt Ion: 64 Resp: 23693

Ion Ratio Lower Upper

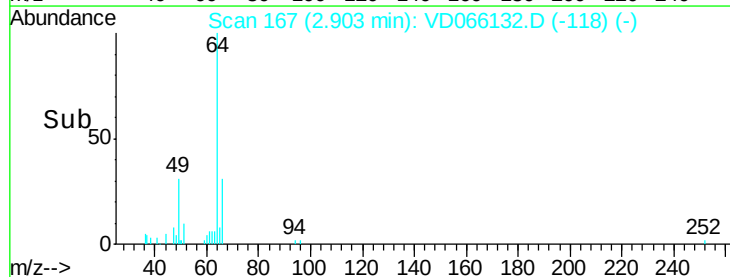
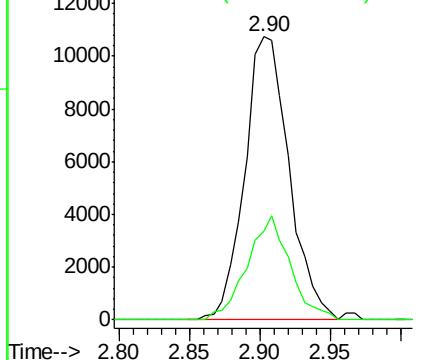
64 100

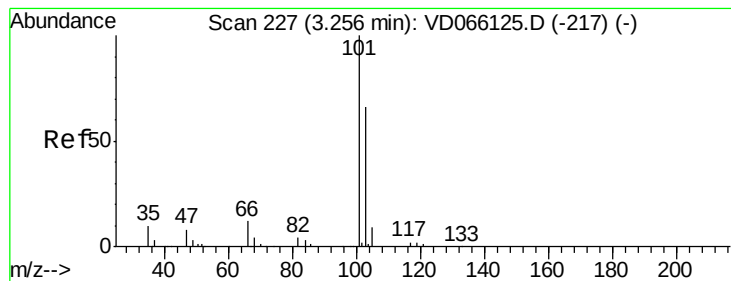
66 31.2 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



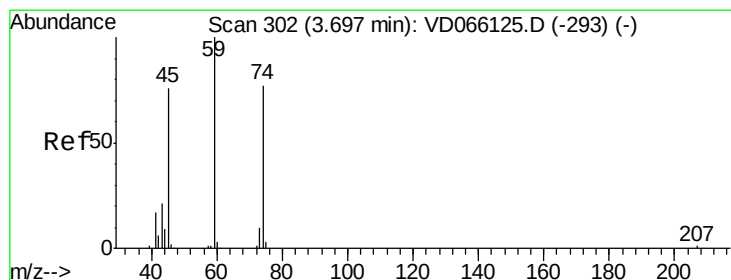
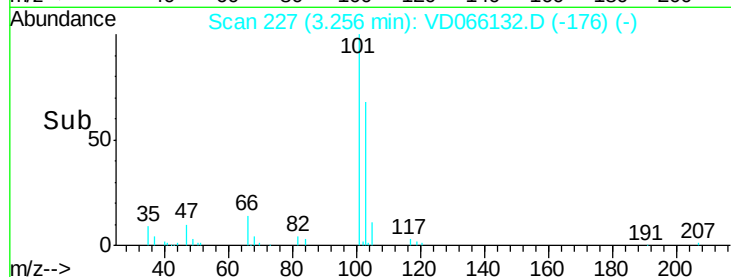
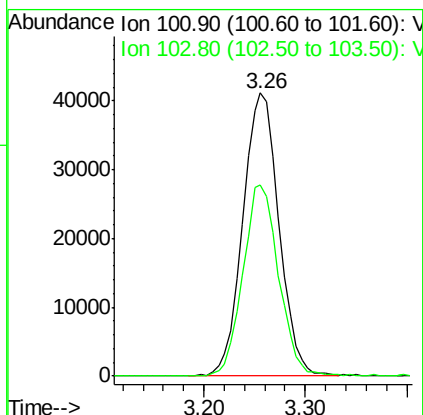
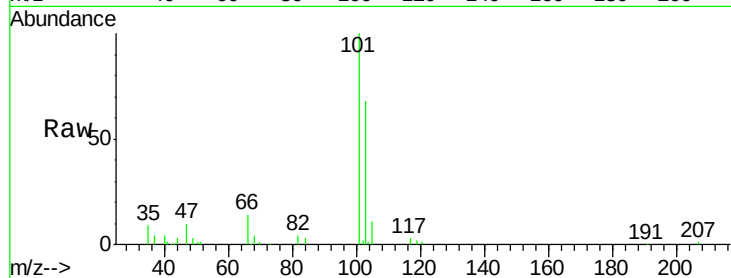


#7

Trichlorofluoromethane
 Concen: 19.722 ug/l
 RT: 3.26 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

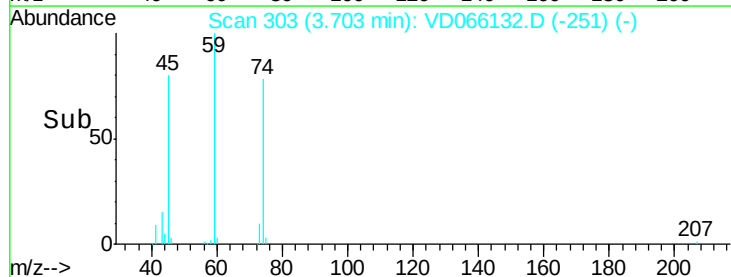
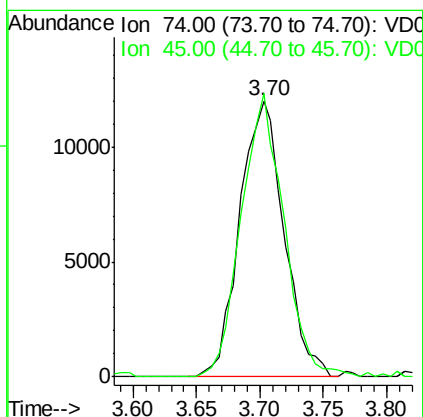
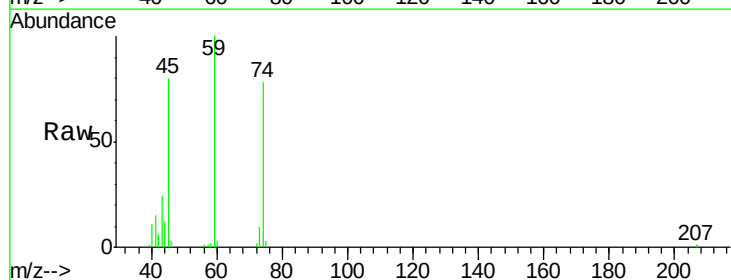
Tot Ion:101 Resp: 101577
 Ion Ratio Lower Upper
 101 100
 103 67.7 53.0 79.6

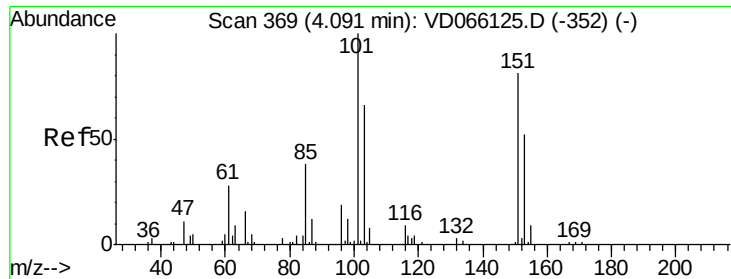


#8

Diethyl Ether
 Concen: 19.967 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 74 Resp: 29017
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.408 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

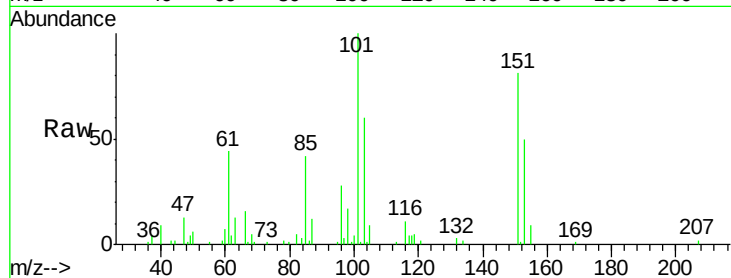
Tot Ion:101 Resp: 62379

Ion Ratio Lower Upper

101 100

85 42.3 33.5 50.3

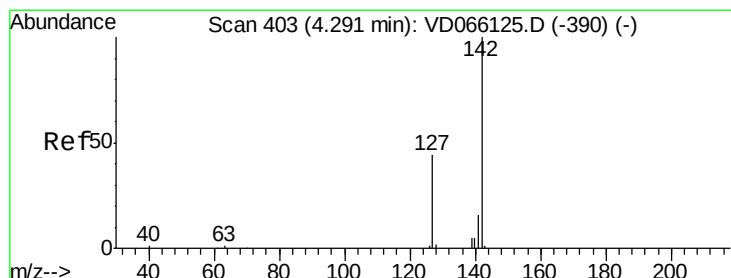
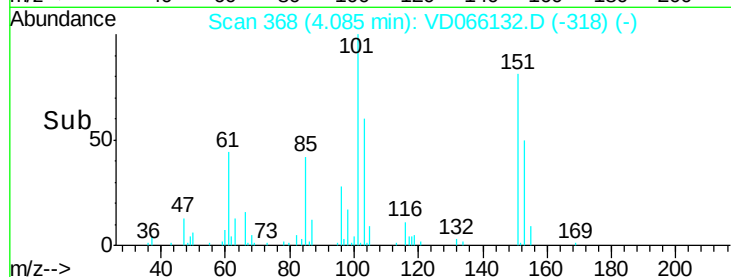
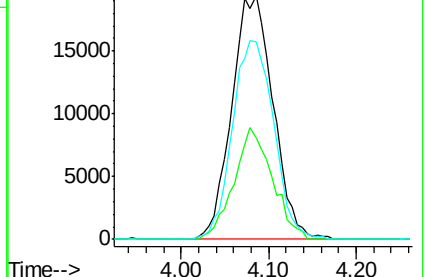
151 81.6 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.580 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

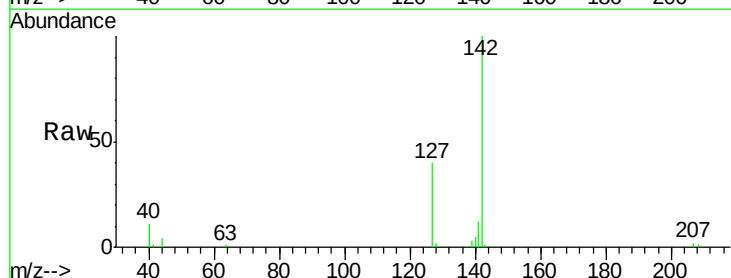
Tgt Ion:142 Resp: 51005

Ion Ratio Lower Upper

142 100

127 43.8 36.2 54.4

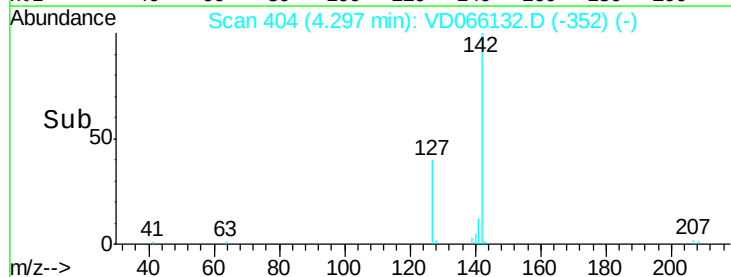
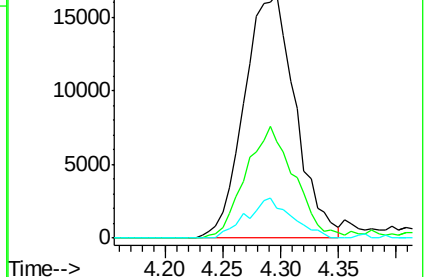
141 14.5 12.6 18.8

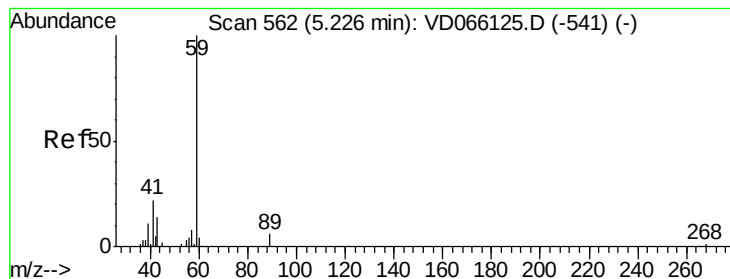


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

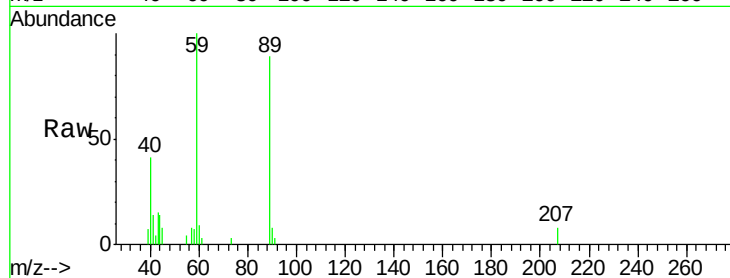
VD0806SBS01

Tot Ion: 59 Resp: 1486

Ion Ratio Lower Upper

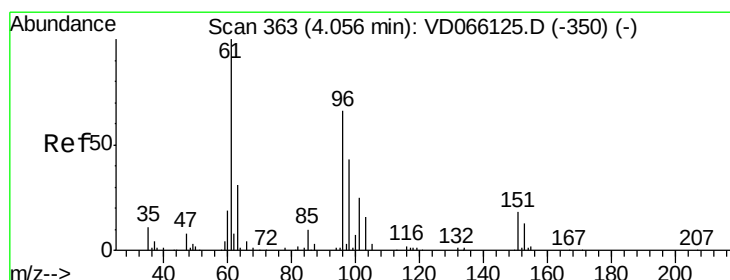
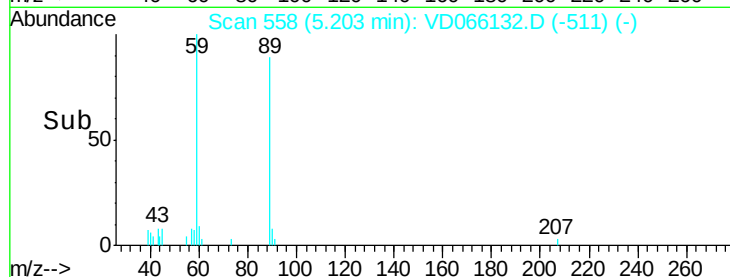
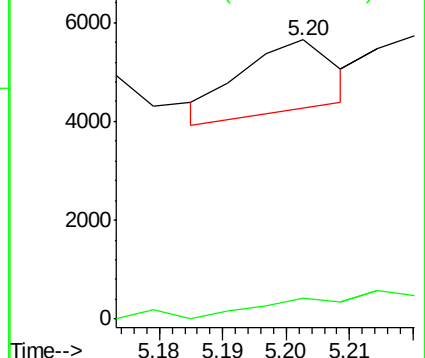
59 100

57 0.0 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.196 ug/l

RT: 4.06 min Scan# 363

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

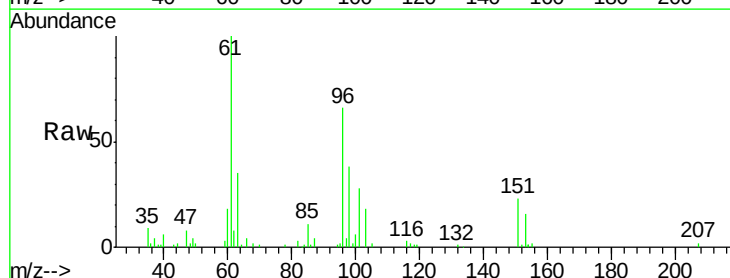
Tgt Ion: 96 Resp: 58236

Ion Ratio Lower Upper

96 100

61 151.3 121.6 182.4

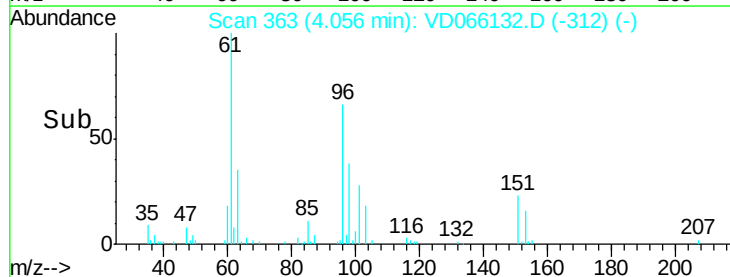
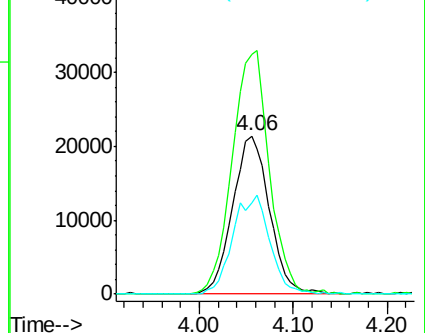
98 57.6 52.0 78.0

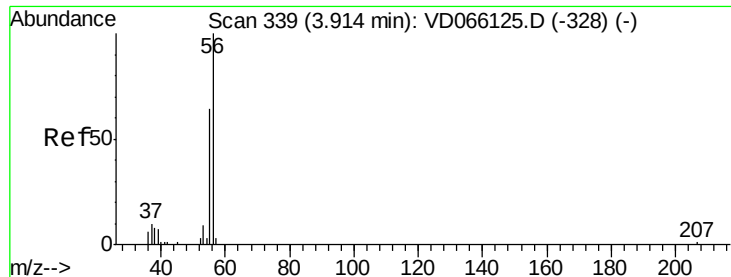


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 98.605 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

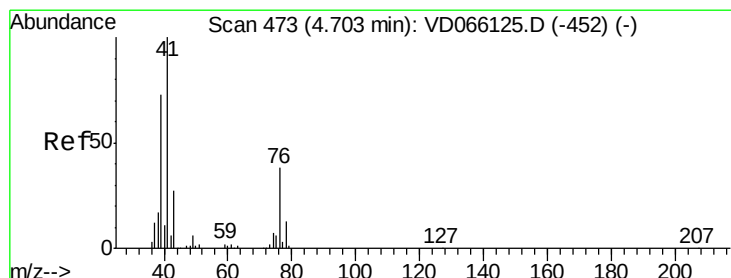
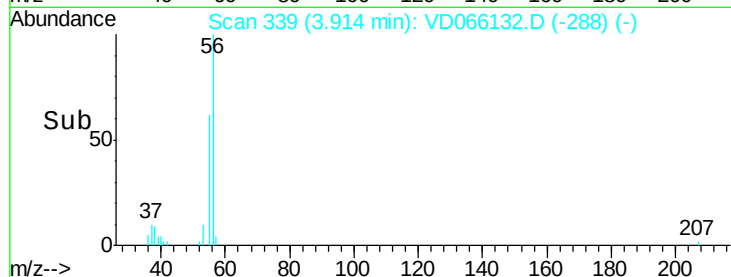
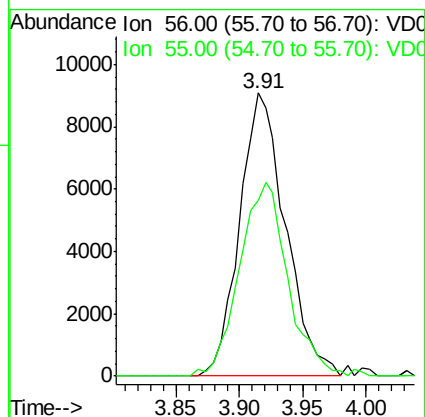
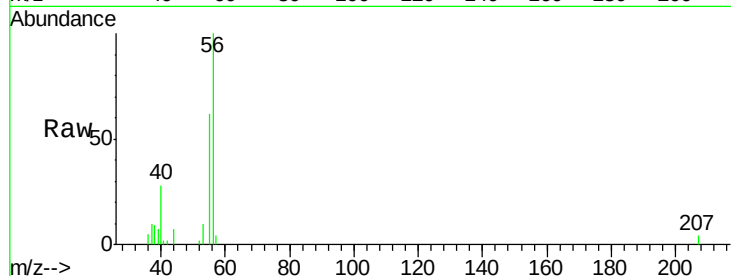
VD0806SBS01

Tot Ion: 56 Resp: 22799

Ion Ratio Lower Upper

56 100

55 72.1 56.7 85.1



#14

Allyl chloride

Concen: 20.069 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

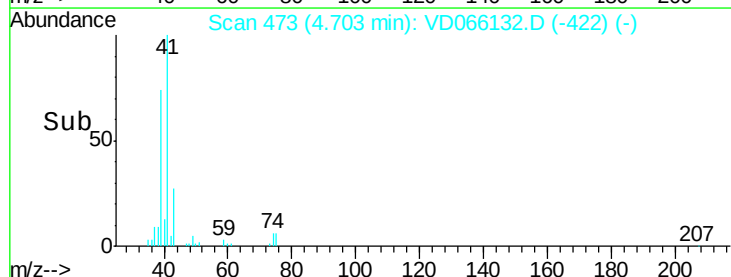
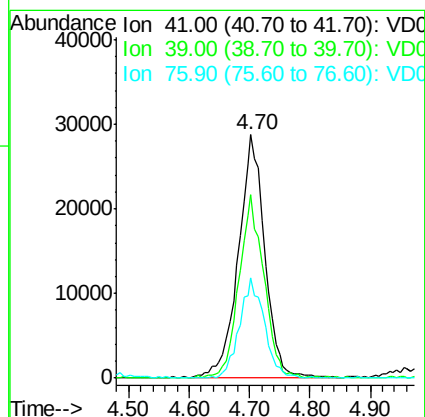
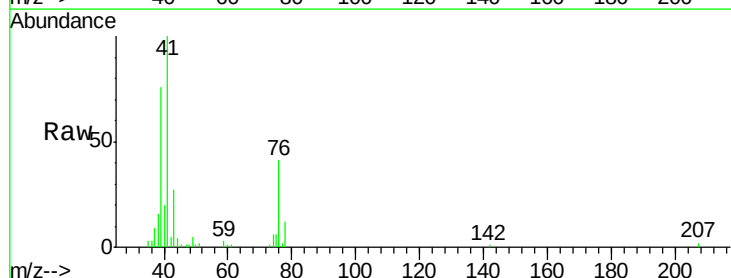
Tgt Ion: 41 Resp: 87672

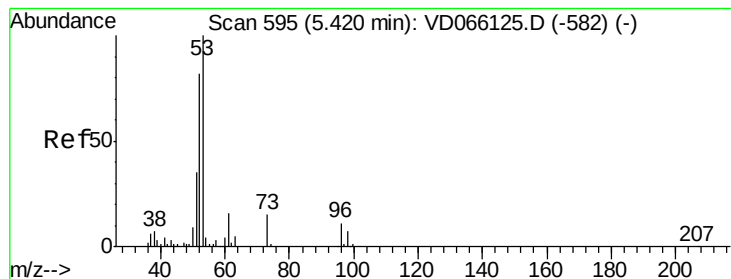
Ion Ratio Lower Upper

41 100

39 70.9 57.4 86.0

76 38.1 30.1 45.1





#15

Acrylonitrile

Concen: 101.708 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

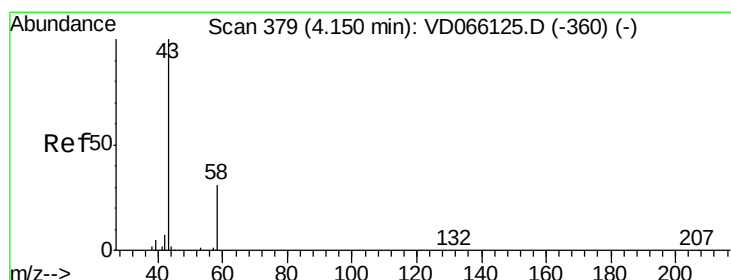
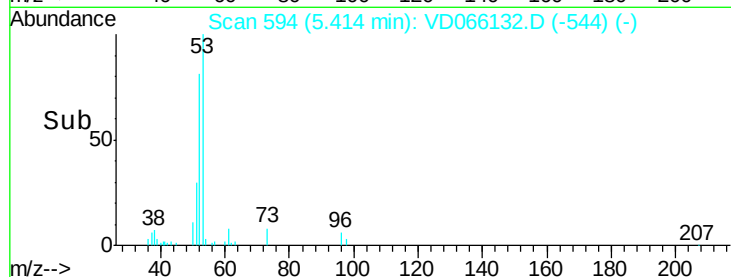
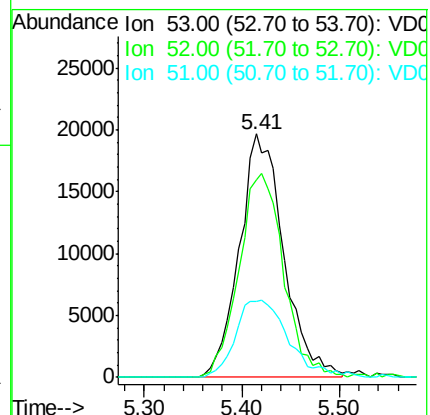
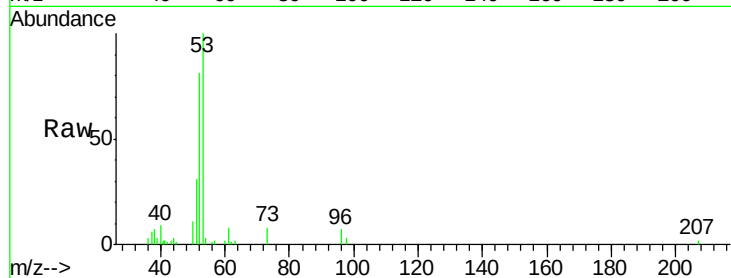
Tot Ion: 53 Resp: 62286

Ion Ratio Lower Upper

53 100

52 84.2 66.1 99.1

51 37.8 30.8 46.2



#16

Acetone

Concen: 111.831 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066132.D

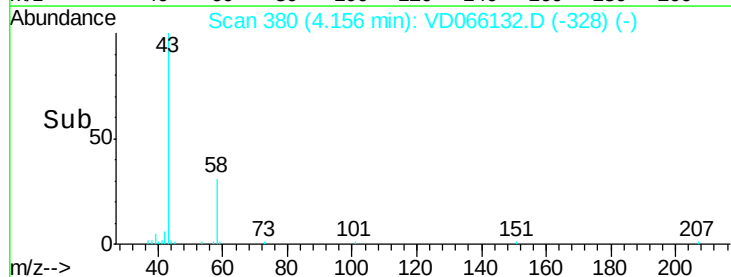
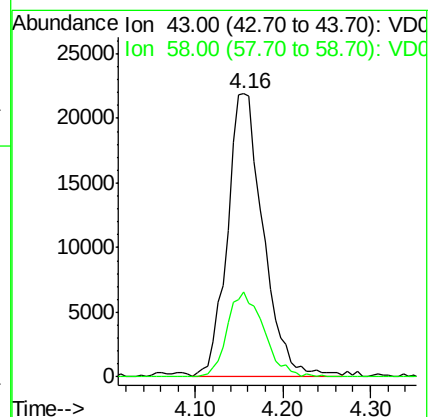
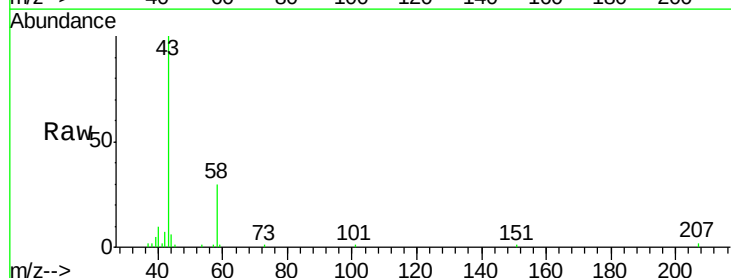
Acq: 06 Aug 2020 14:07

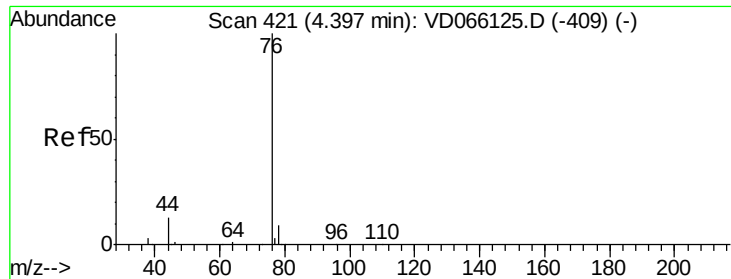
Tgt Ion: 43 Resp: 61637

Ion Ratio Lower Upper

43 100

58 30.2 24.7 37.1

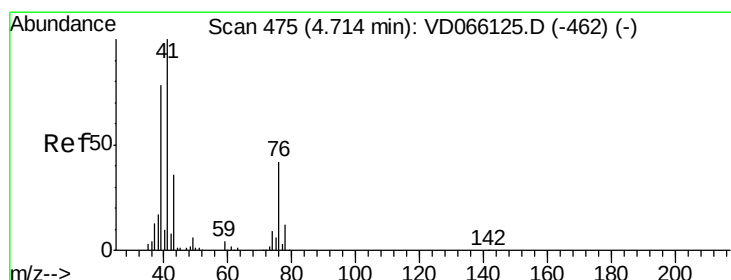
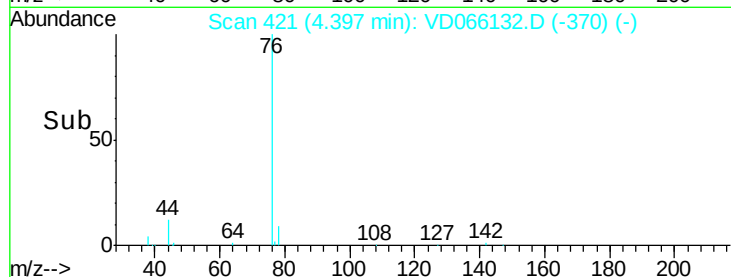
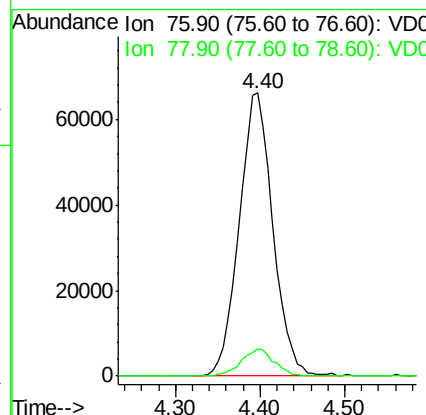
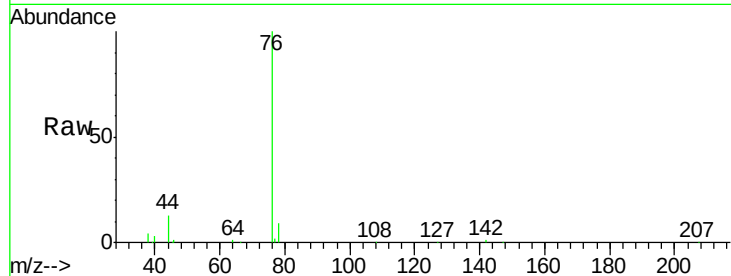




#17
Carbon Disulfide
Concen: 19.916 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

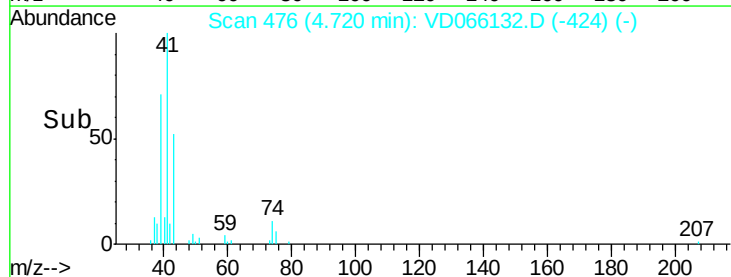
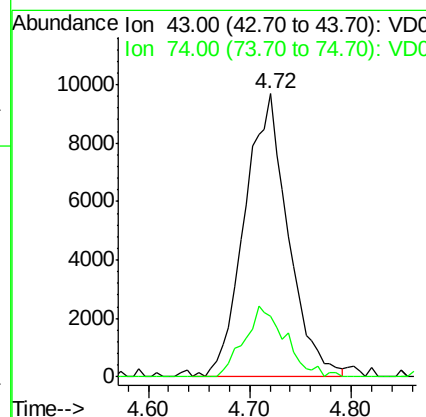
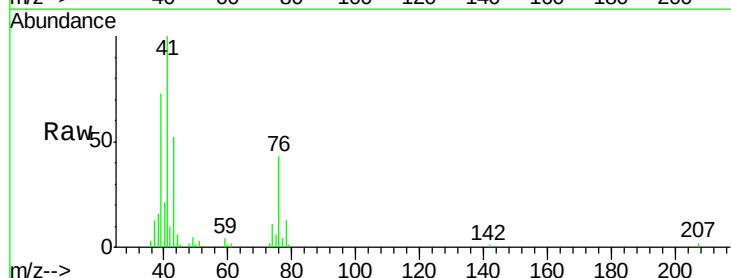
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

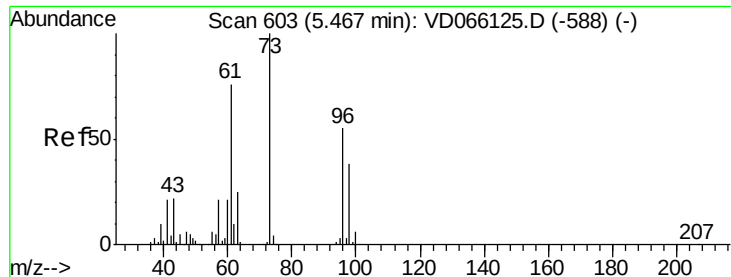
Tot Ion: 76 Resp: 182594
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 20.693 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 43 Resp: 28969
Ion Ratio Lower Upper
43 100
74 23.7 21.2 31.8



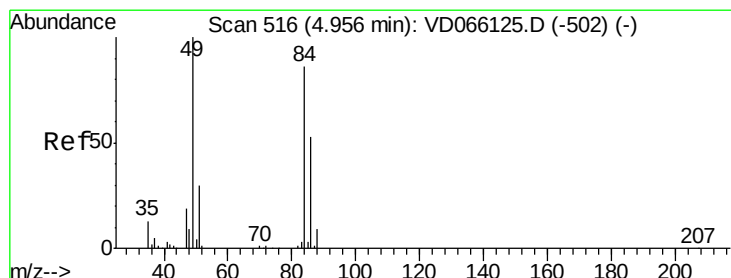
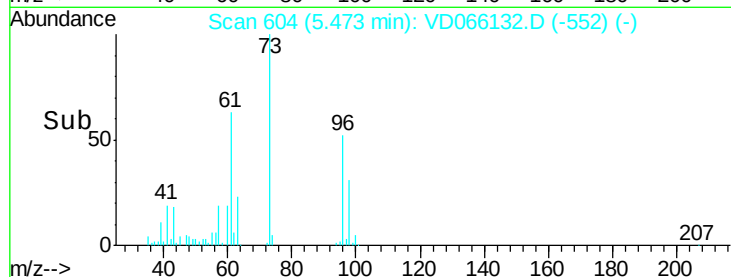
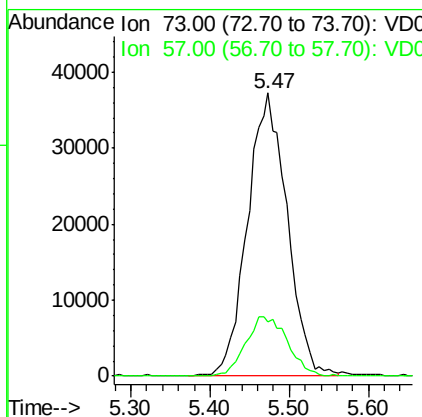
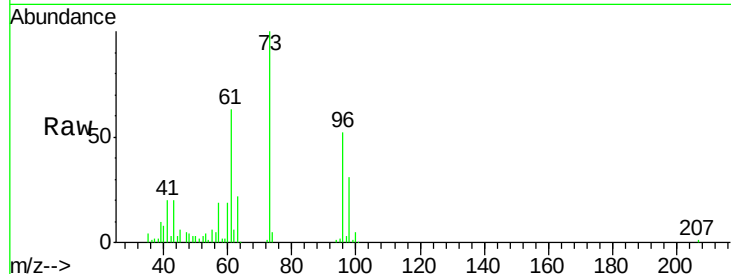


#19

Methyl tert-butyl Ether
 Concen: 19.623 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

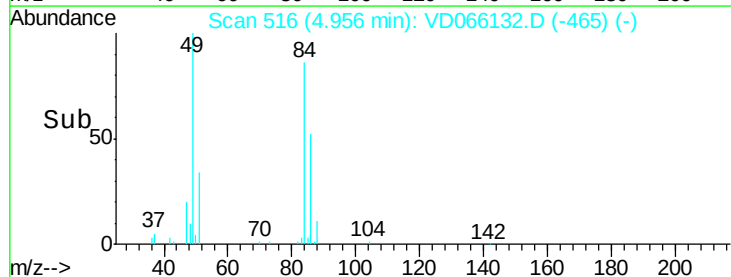
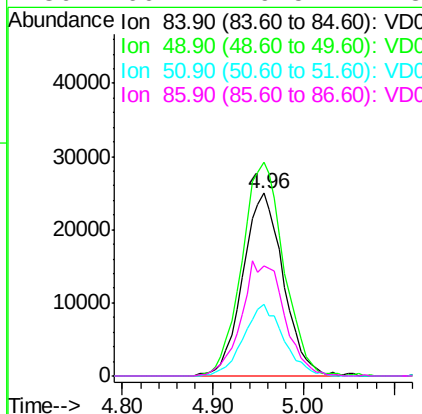
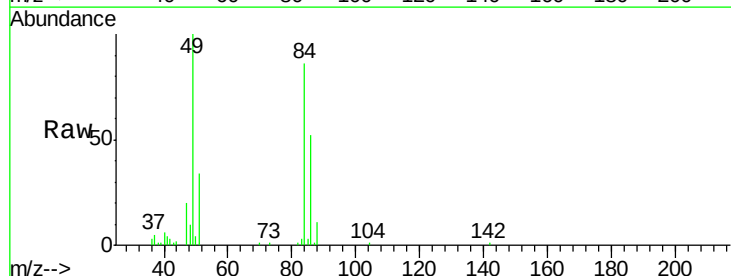
Tot Ion: 73 Resp: 129690
 Ion Ratio Lower Upper
 73 100
 57 19.3 17.1 25.7

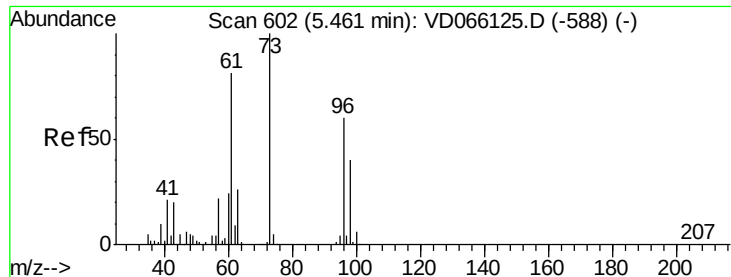


#20

Methylene Chloride
 Concen: 21.791 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 84 Resp: 77306
 Ion Ratio Lower Upper
 84 100
 49 116.8 93.5 140.3
 51 39.5 28.2 42.4
 86 60.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 19.808 ug/l

RT: 5.46 min Scan# 602

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

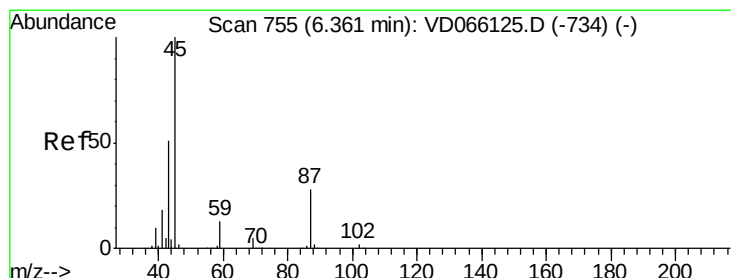
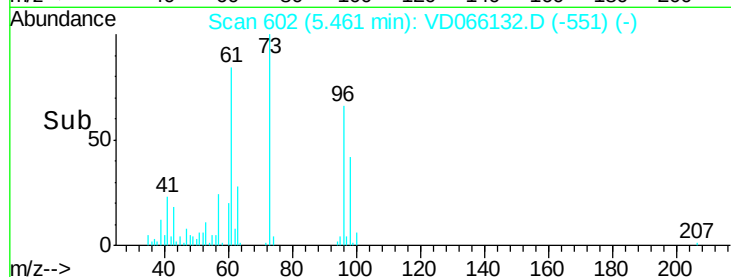
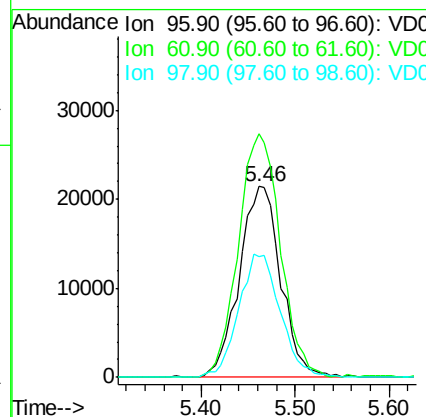
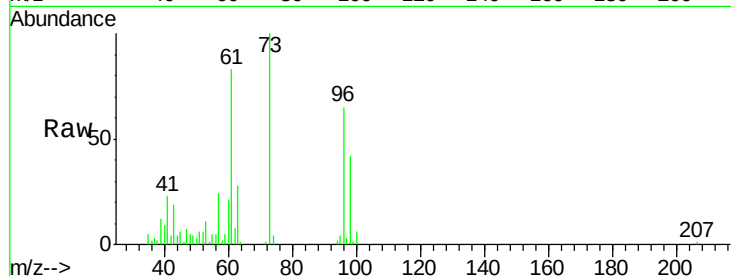
Tot Ion: 96 Resp: 65613

Ion Ratio Lower Upper

96 100

61 127.7 106.9 160.3

98 63.6 53.4 80.0



#22

Diisopropyl ether

Concen: 20.473 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Tgt Ion: 45 Resp: 176858

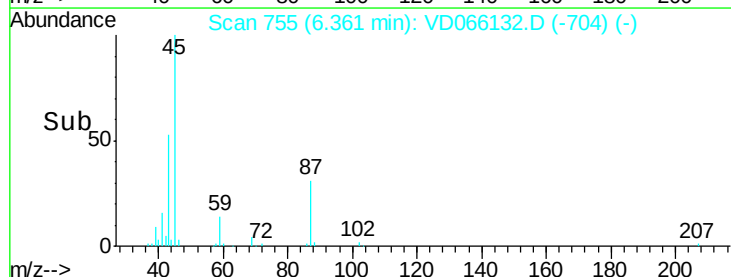
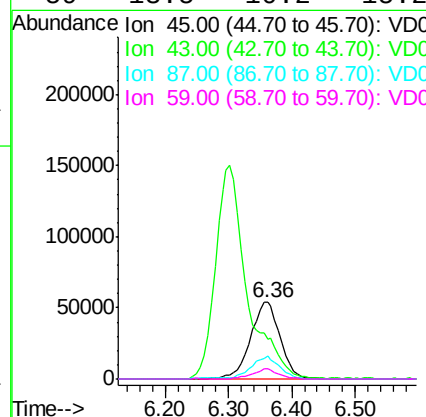
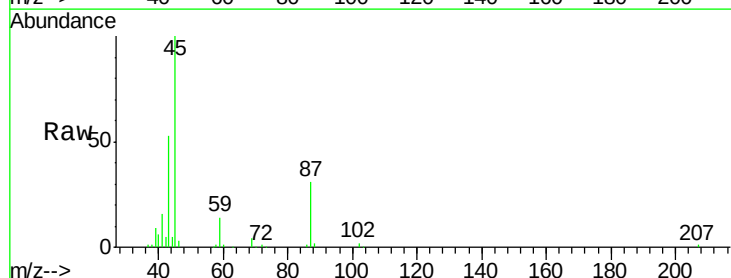
Ion Ratio Lower Upper

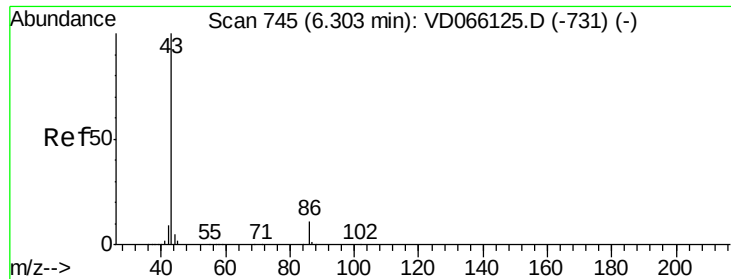
45 100

43 51.8 41.2 61.8

87 30.9 22.8 34.2

59 13.5 10.2 15.2





#23

Vinyl Acetate

Concen: 102.950 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

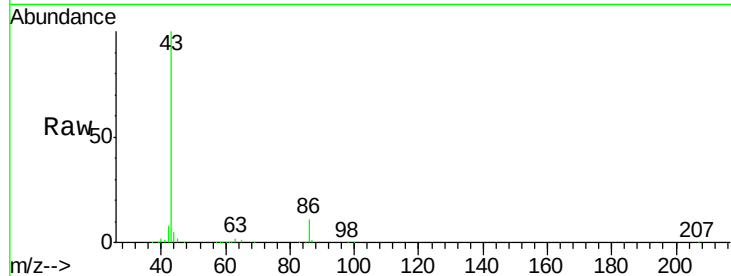
VD0806SBS01

Tot Ion: 43 Resp: 521015

Ion Ratio Lower Upper

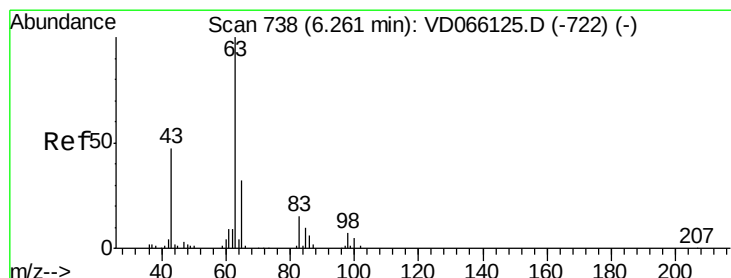
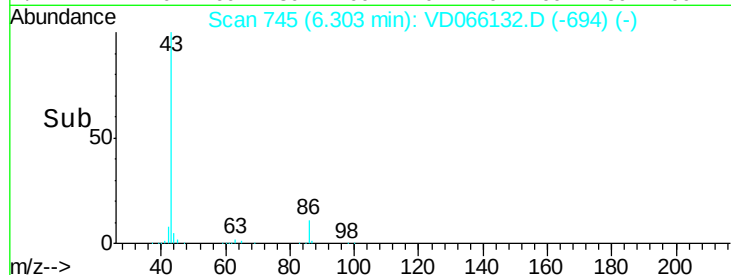
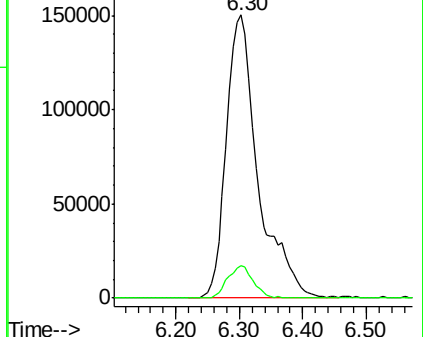
43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.632 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

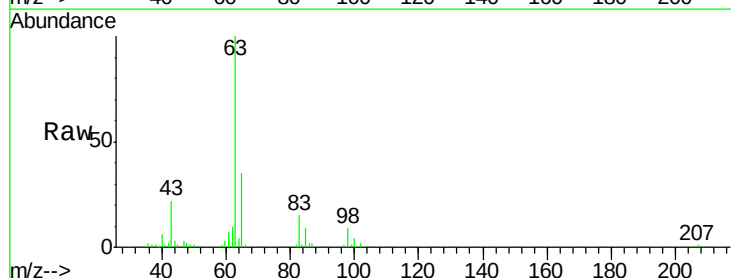
Tgt Ion: 63 Resp: 104954

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

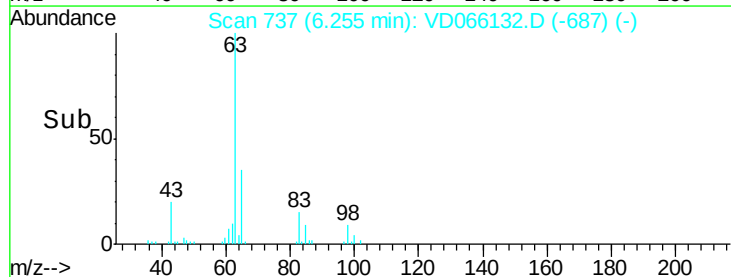
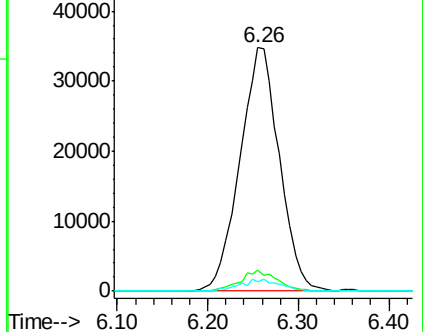
100 4.0 2.4 7.2

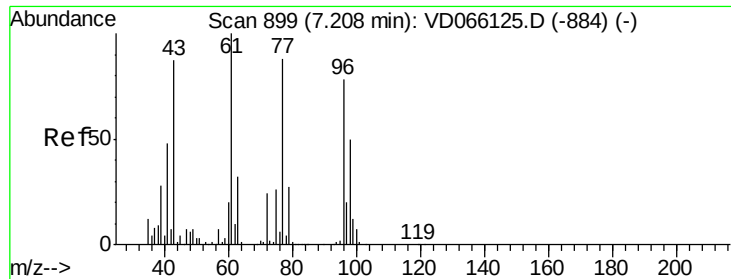


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

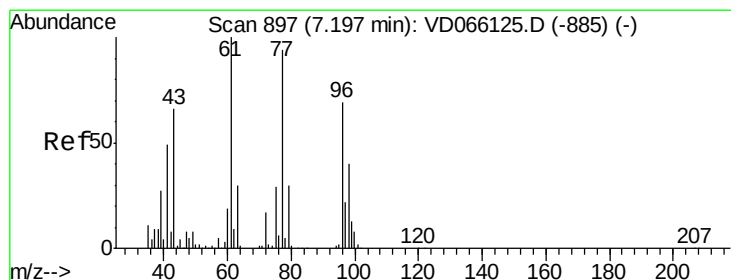
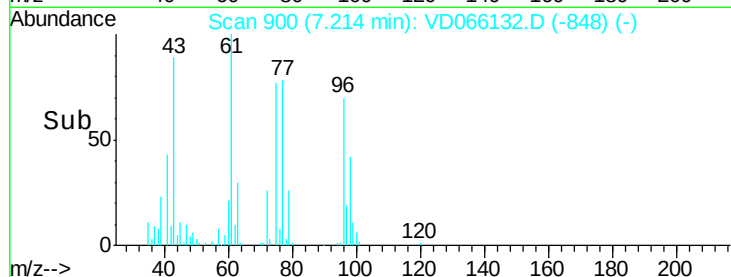
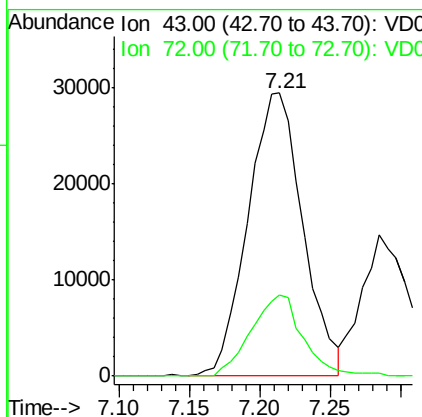
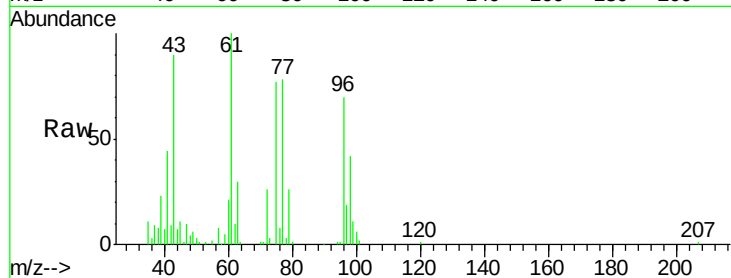




#25
2-Butanone
Concen: 99.263 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

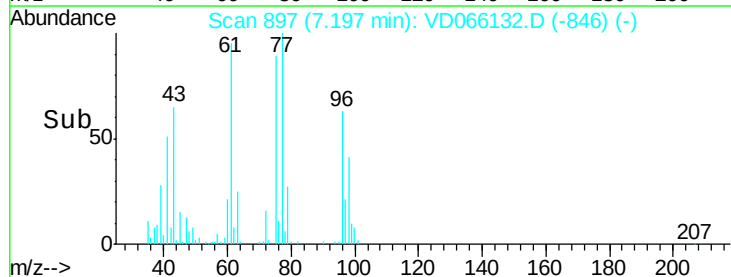
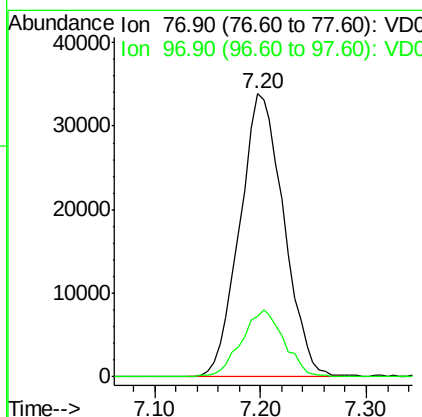
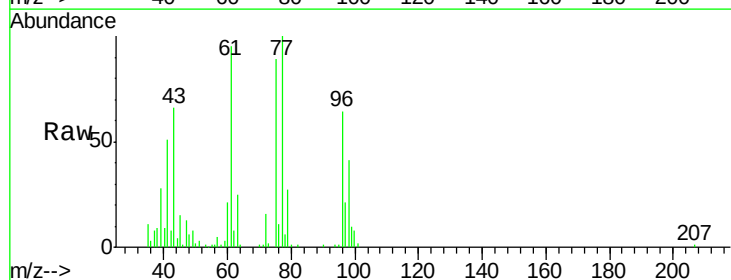
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

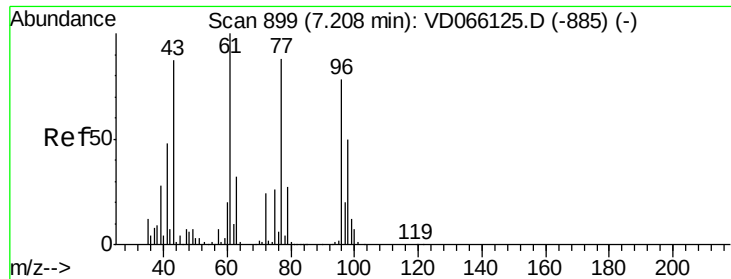
Tot Ion: 43 Resp: 80468
Ion Ratio Lower Upper
43 100
72 28.5 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.497 ug/l
RT: 7.20 min Scan# 897
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 77 Resp: 98213
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3



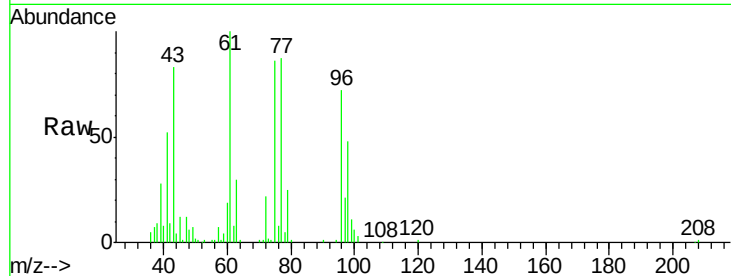


#27

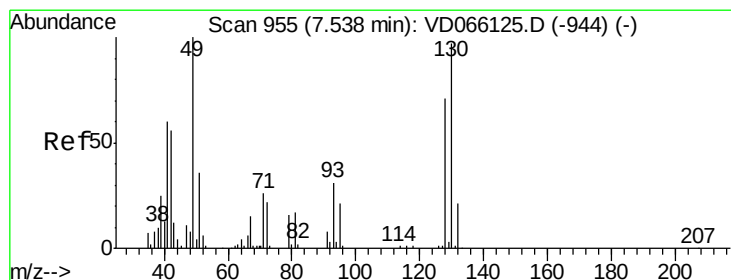
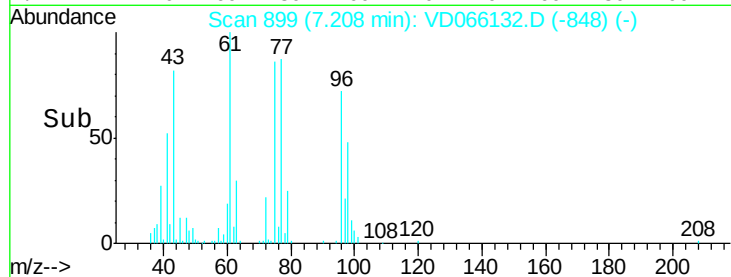
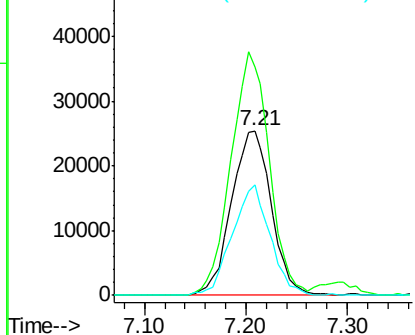
cis-1,2-Dichloroethene
 Concen: 19.910 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Tot Ion: 96 Resp: 69174
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 281.6
 98 63.6 0.0 130.8



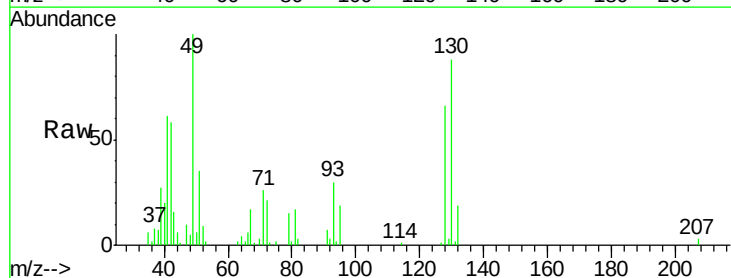
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



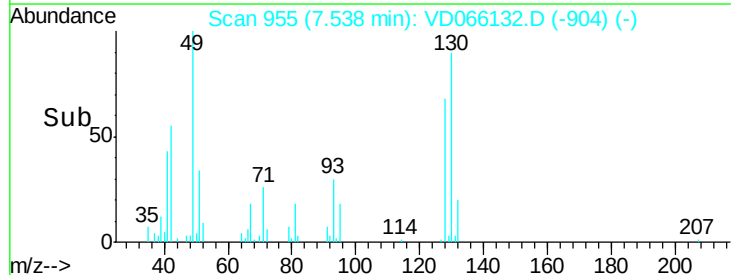
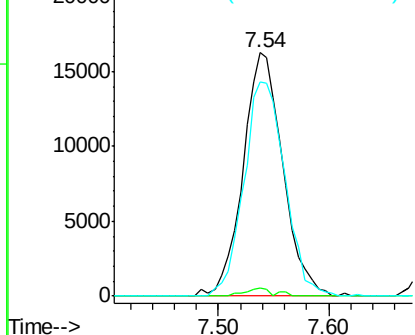
#28

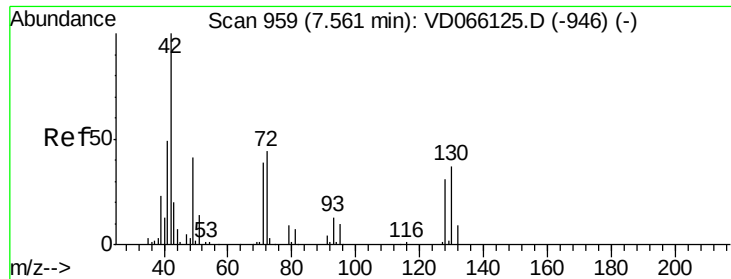
Bromochloromethane
 Concen: 21.876 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 49 Resp: 41076
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 90.9 73.8 110.6



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

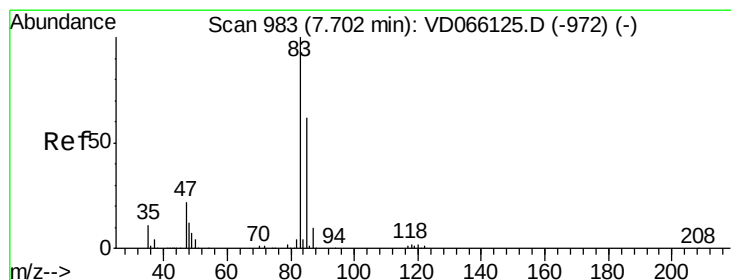
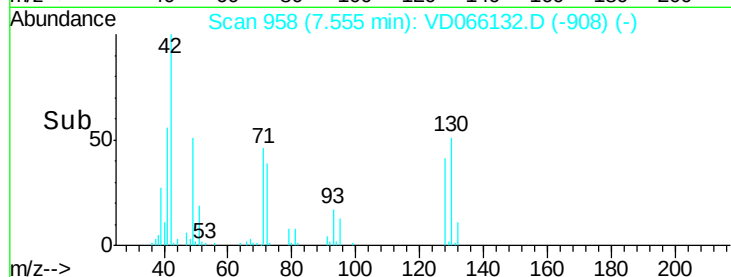
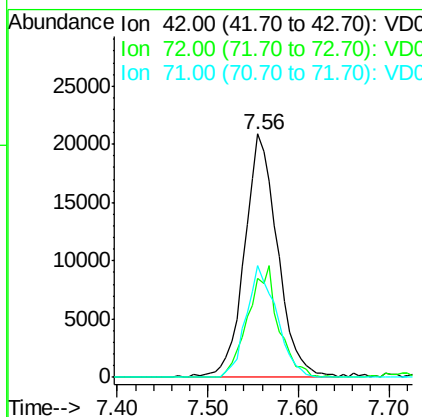
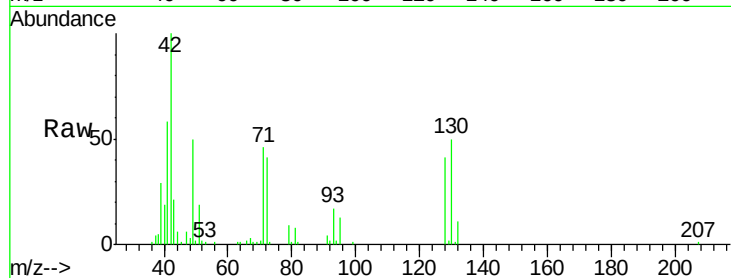




#29
Tetrahydrofuran
Concen: 105.108 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

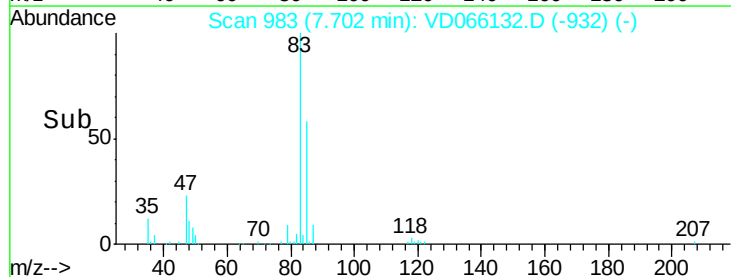
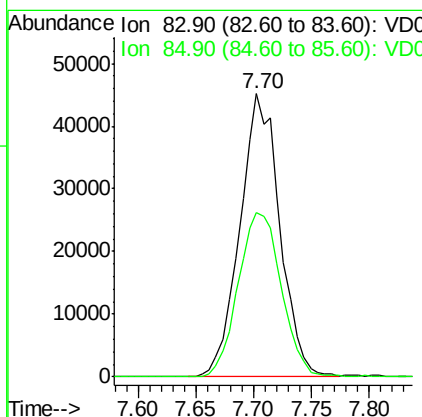
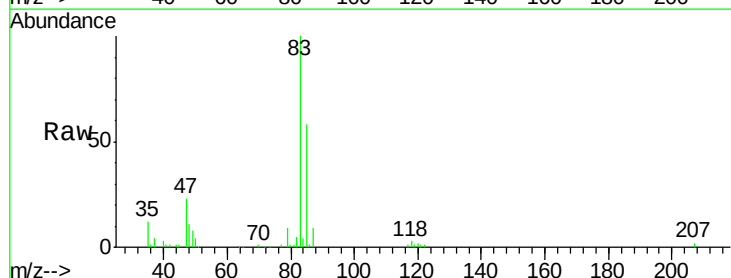
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

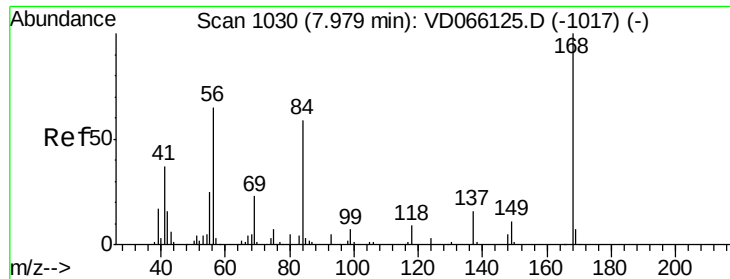
Tot Ion: 42 Resp: 52791
Ion Ratio Lower Upper
42 100
72 42.1 34.8 52.2
71 42.3 33.5 50.3



#30
Chloroform
Concen: 19.283 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 83 Resp: 108250
Ion Ratio Lower Upper
83 100
85 58.1 49.5 74.3

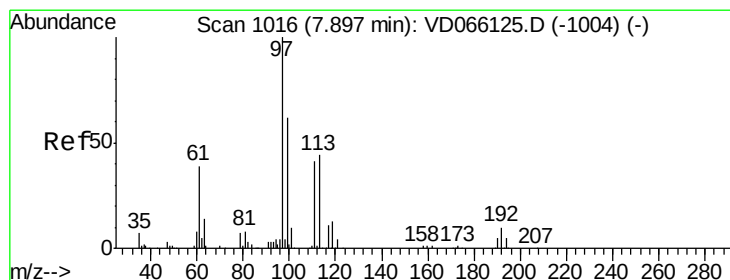
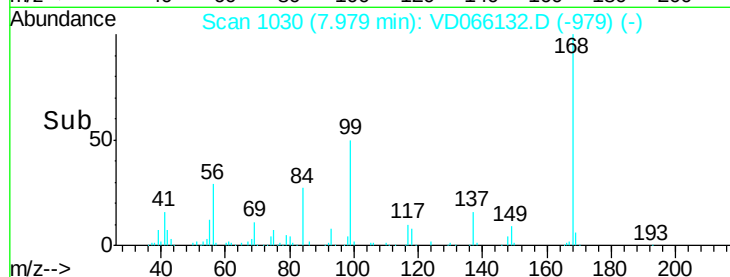
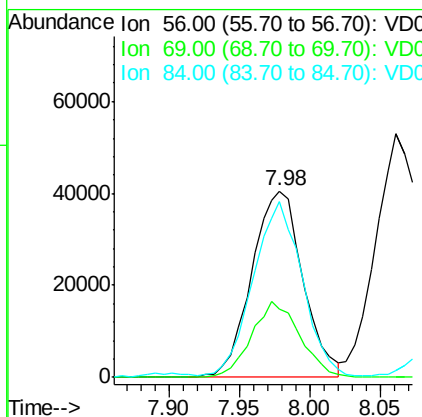
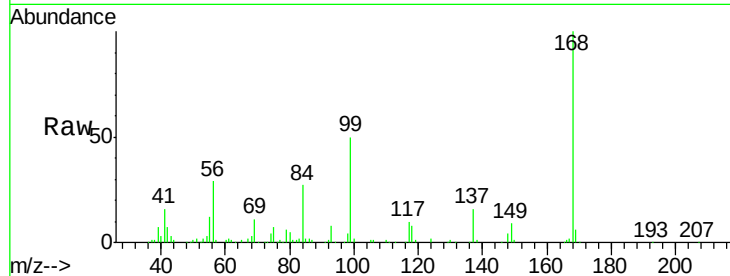




#31
Cyclohexane
Concen: 20.172 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

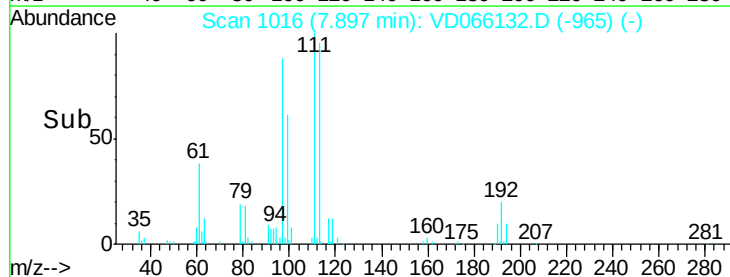
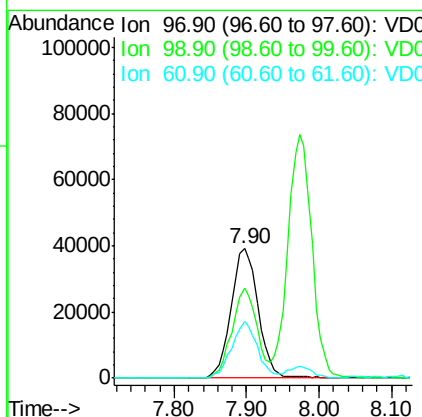
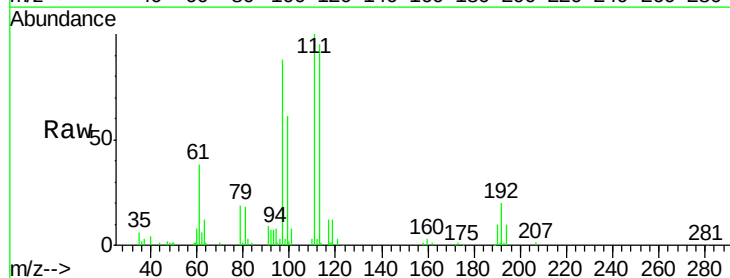
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

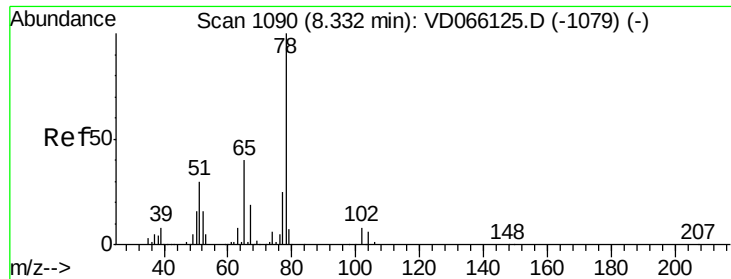
Tot Ion: 56 Resp: 102657
Ion Ratio Lower Upper
56 100
69 36.4 28.8 43.2
84 92.9 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.301 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 97 Resp: 101588
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 41.5 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 49.318 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

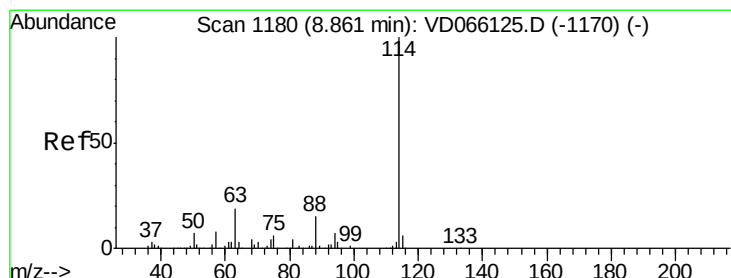
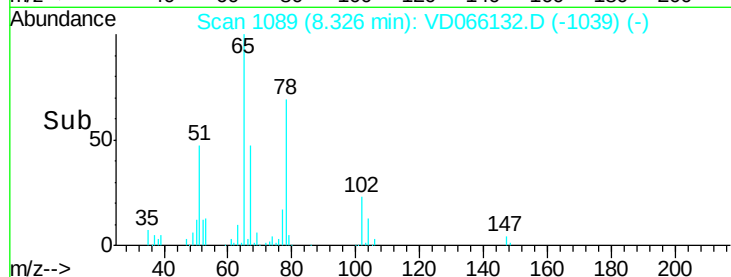
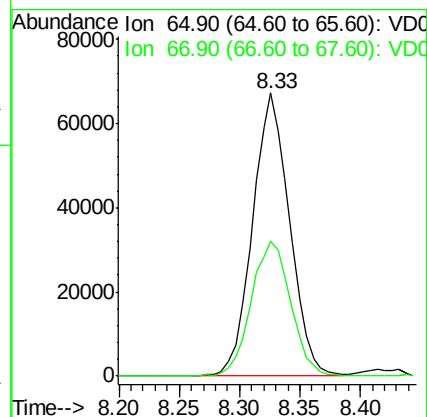
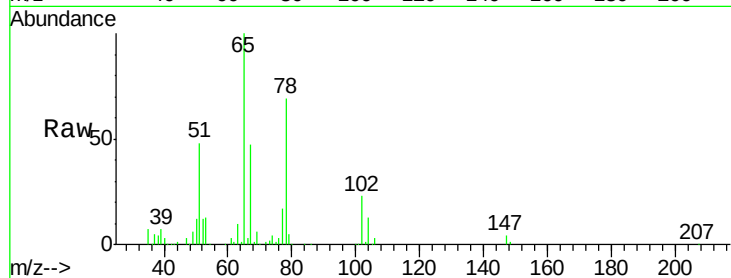
VD0806SBS01

Tot Ion: 65 Resp: 143259

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

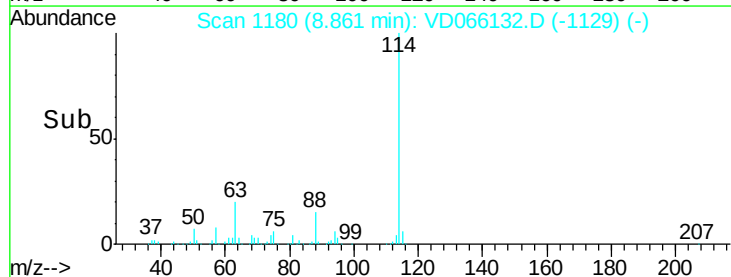
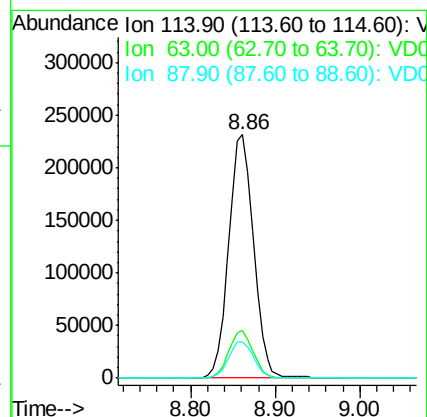
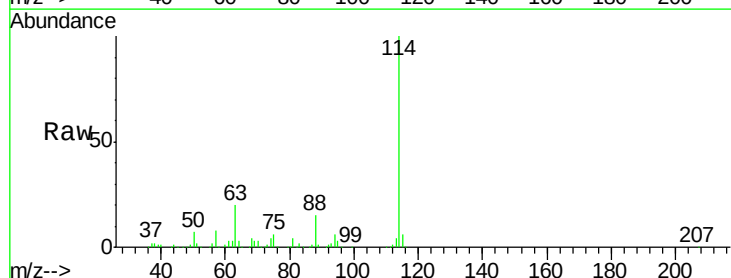
Tgt Ion: 114 Resp: 470288

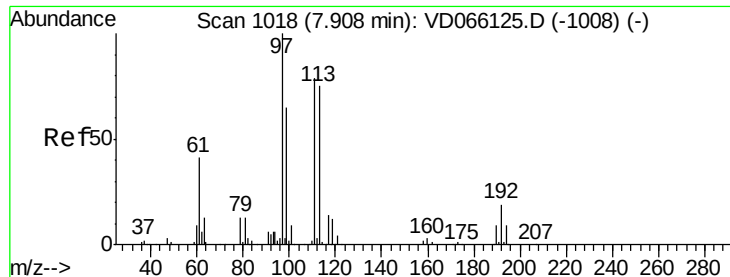
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 14.9 0.0 30.0

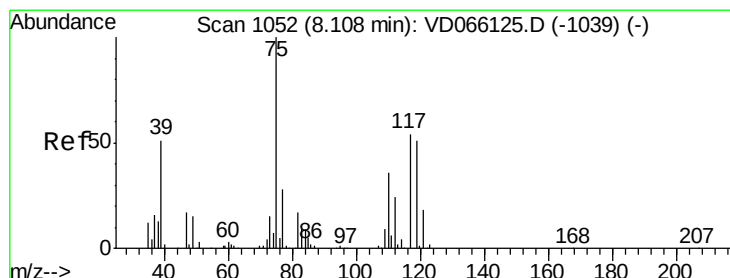
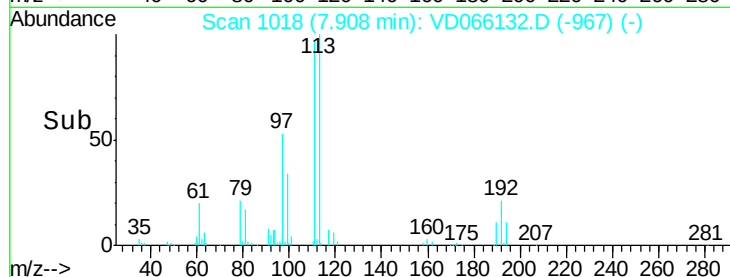
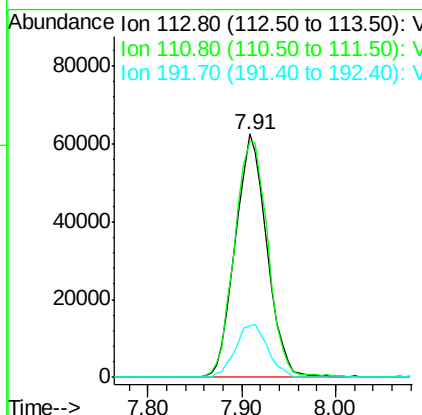
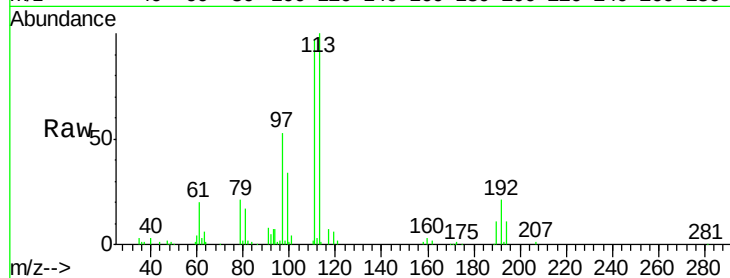




#35
 Dibromofluoromethane
 Concen: 48.913 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

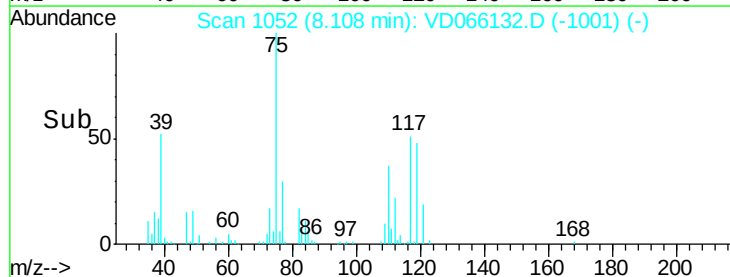
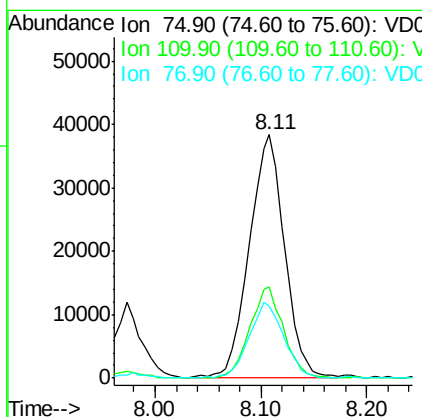
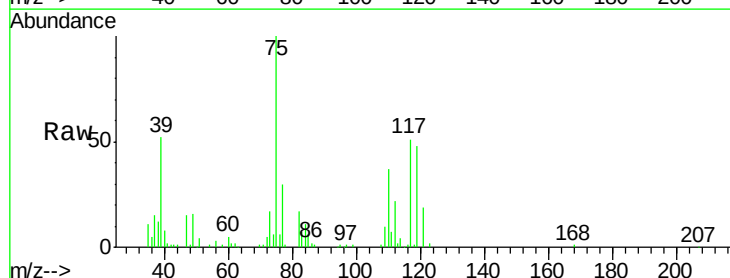
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

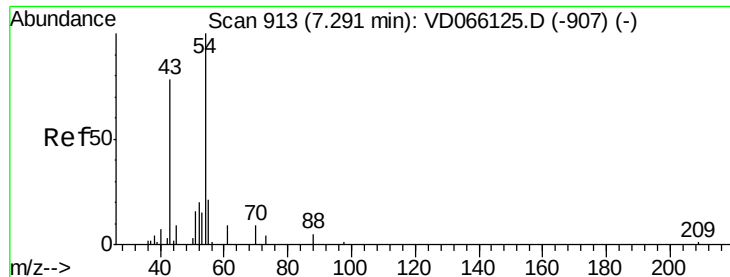
Tot Ion:113 Resp: 145723
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 22.4 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 20.148 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 75 Resp: 89039
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.8 56.3
 77 30.9 24.2 36.2

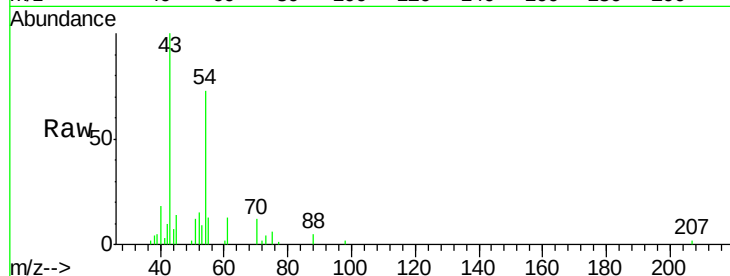




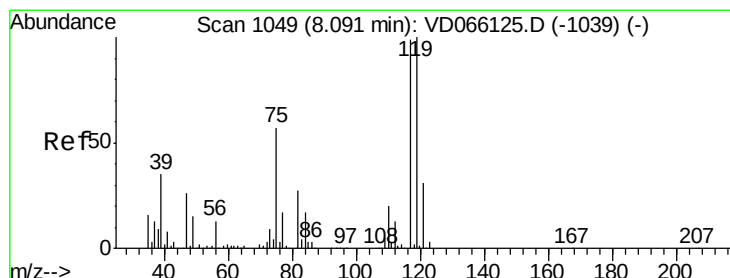
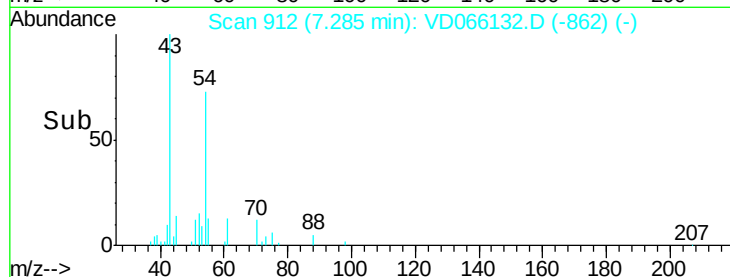
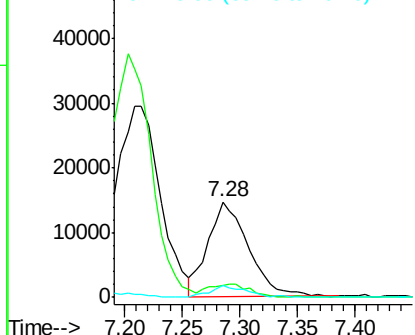
#37
Ethyl Acetate
Concen: 20.378 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

Tot Ion: 43 Resp: 35682
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 10.6 9.7 14.5

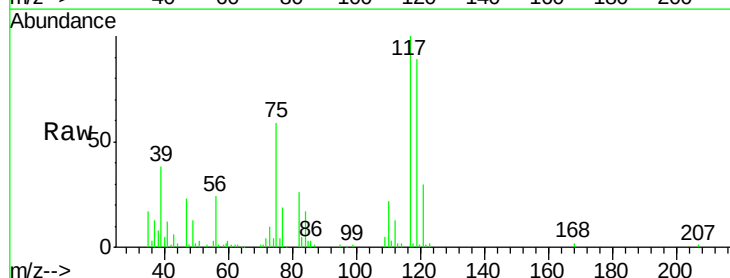


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

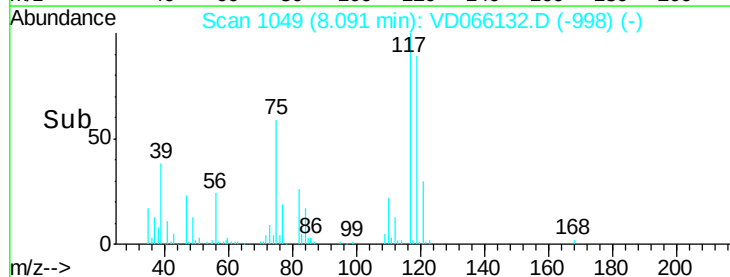
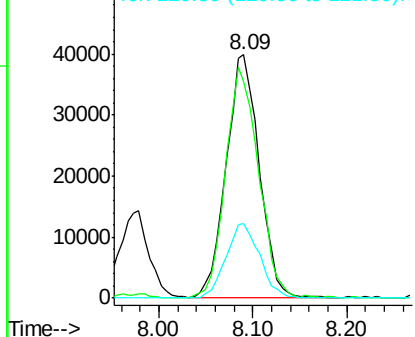


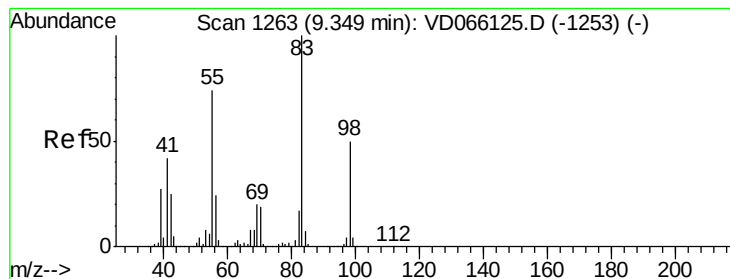
#38
Carbon Tetrachloride
Concen: 19.848 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 117 Resp: 97814
Ion Ratio Lower Upper
117 100
119 89.2 81.0 121.4
121 30.5 24.8 37.2



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





#39

Methylvlcyclohexane

Concen: 20.075 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

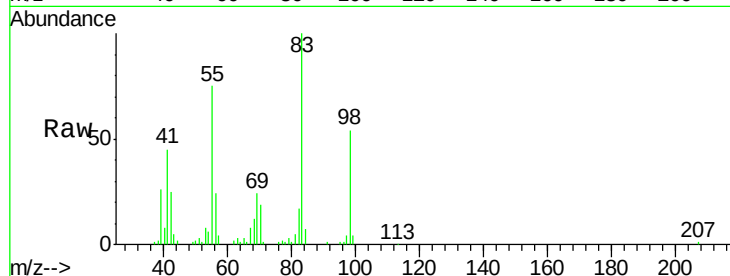
Tot Ion: 83 Resp: 107247

Ion	Ratio	Lower	Upper
83	100		
55	75.3	59.2	88.8
98	53.5	39.8	59.6

83 100

55 75.3 59.2 88.8

98 53.5 39.8 59.6



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC

60000

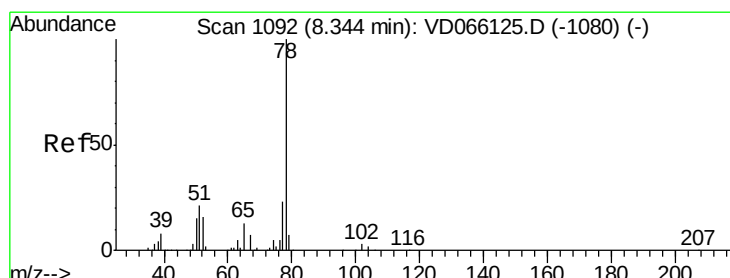
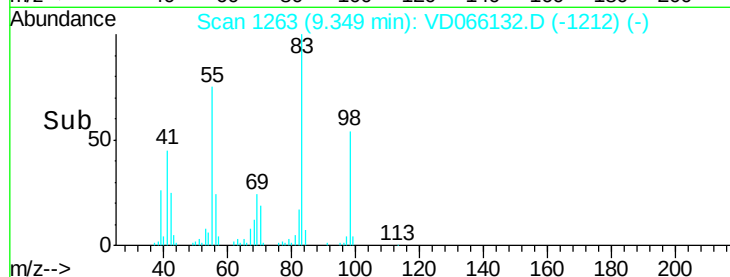
40000

20000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#40

Benzene

Concen: 19.337 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD066132.D

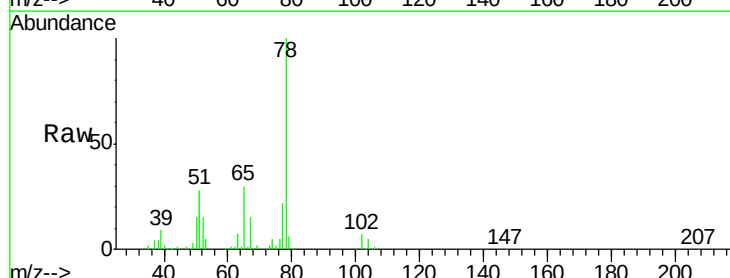
Acq: 06 Aug 2020 14:07

Tgt Ion: 78 Resp: 237065

Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.6	27.8

78 100

77 21.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

120000

100000

80000

60000

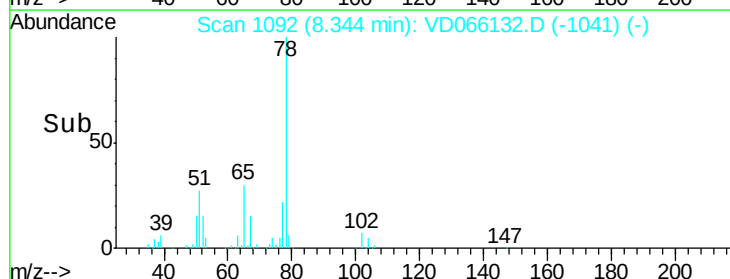
40000

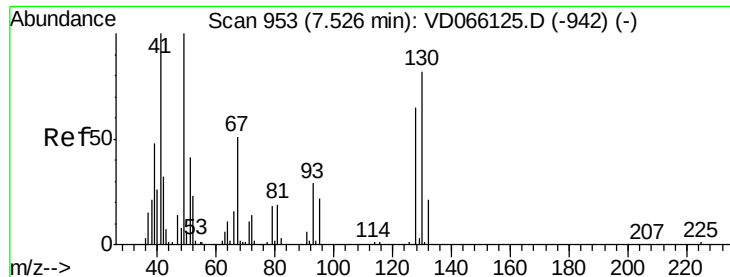
20000

0

8.25 8.30 8.35 8.40 8.45

Time-->

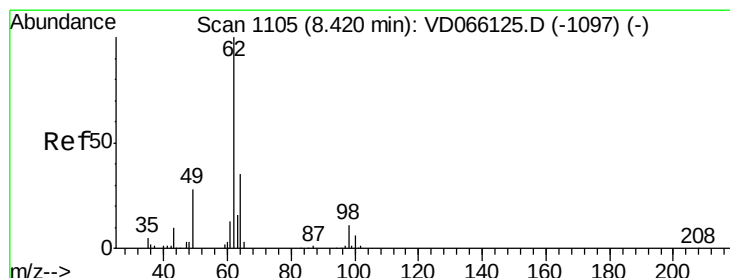
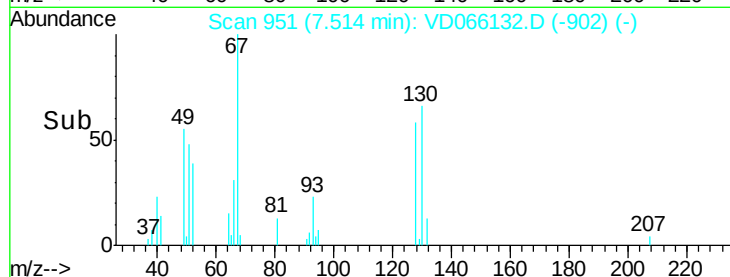
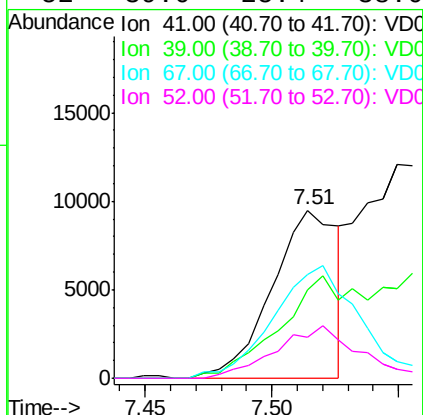
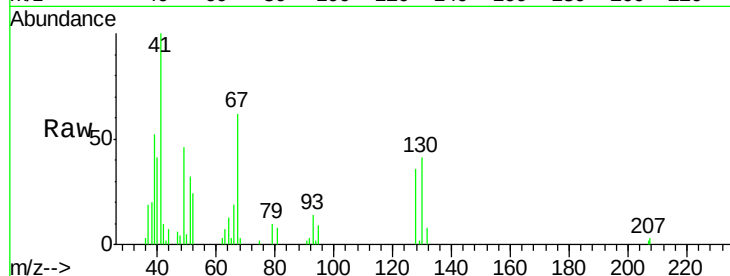




#41
Methacrylonitrile
Concen: 16.746 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

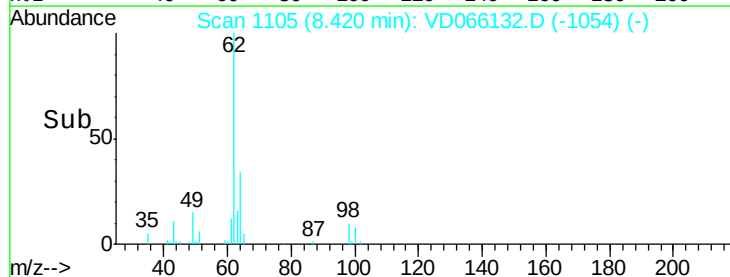
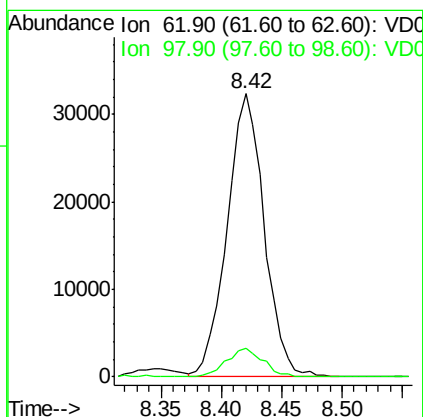
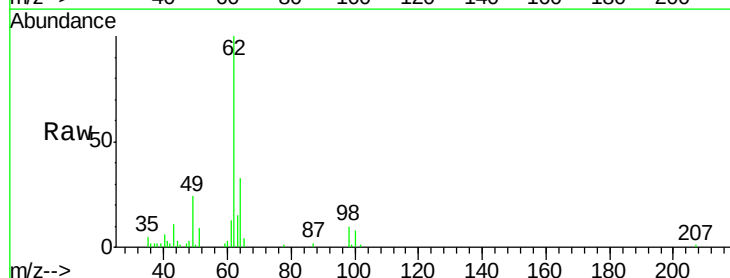
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

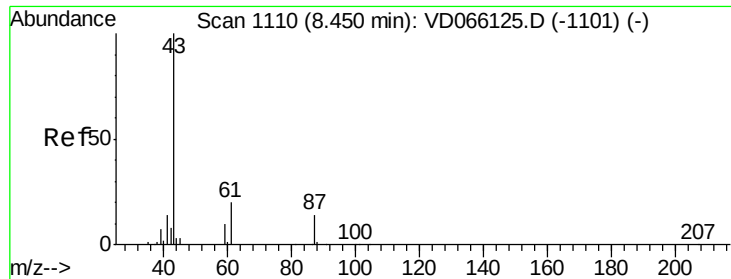
Tot Ion: 41 Resp: 17240
Ion Ratio Lower Upper
41 100
39 73.7 47.5 71.3#
67 88.1 59.1 88.7
52 39.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 19.269 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 62 Resp: 69396
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 20.391 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

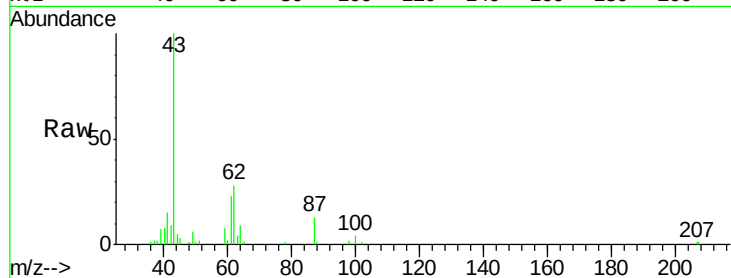
Tot Ion: 43 Resp: 70349

Ion Ratio Lower Upper

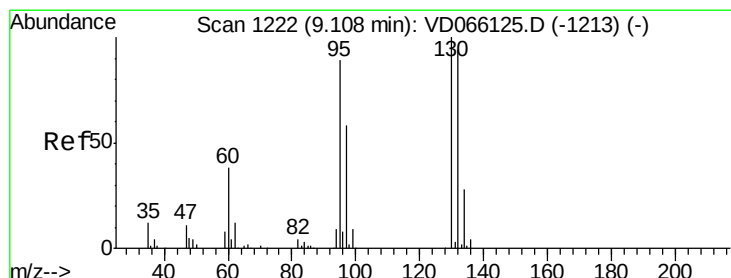
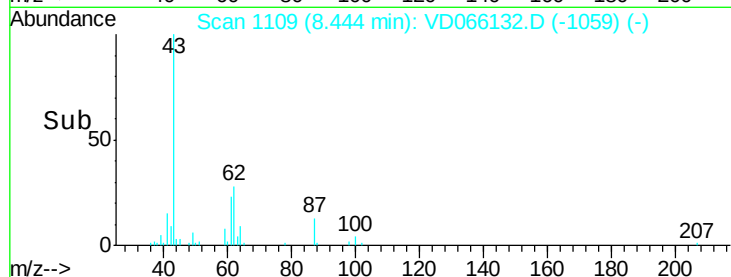
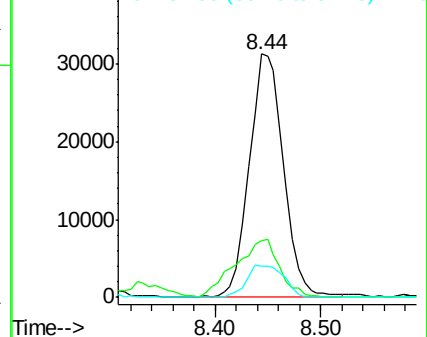
43 100

61 30.7 25.5 38.3

87 14.1 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: 19.384 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066132.D

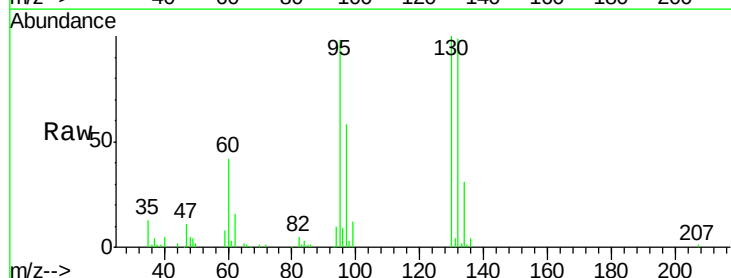
Acq: 06 Aug 2020 14:07

Tgt Ion:130 Resp: 71610

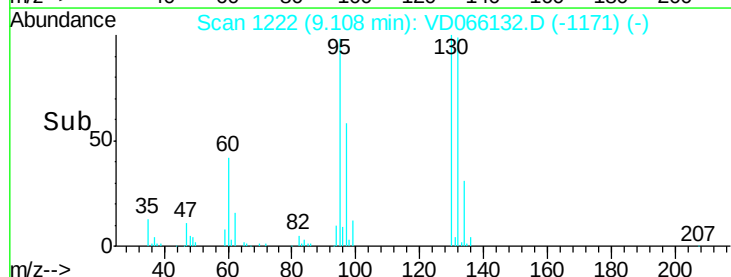
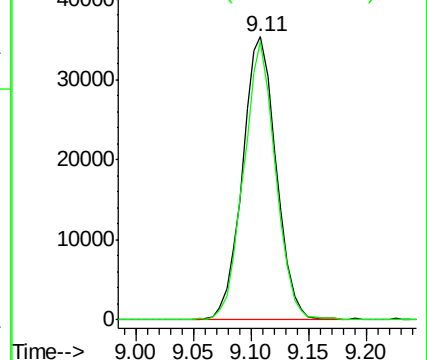
Ion Ratio Lower Upper

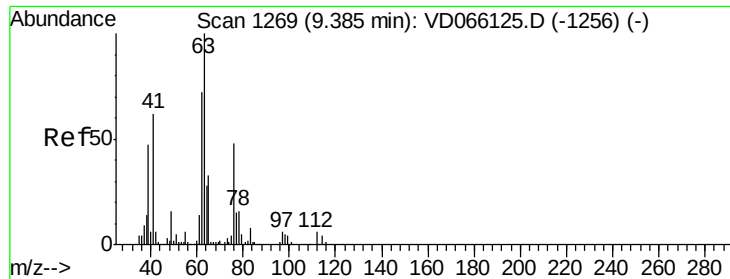
130 100

95 98.5 0.0 178.4



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

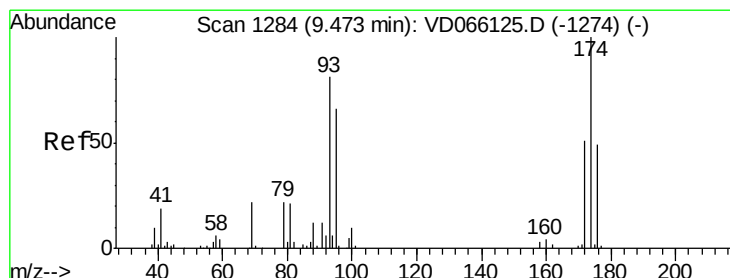
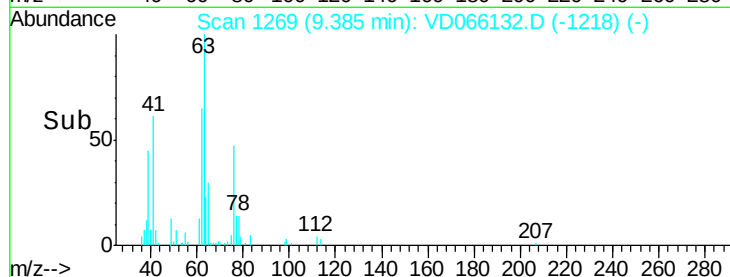
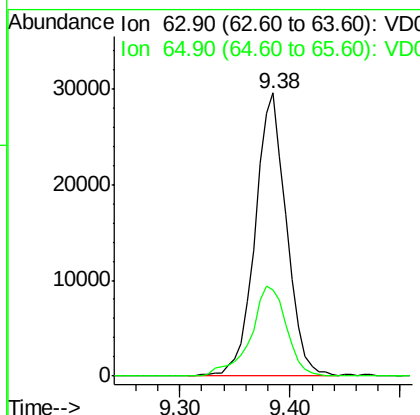
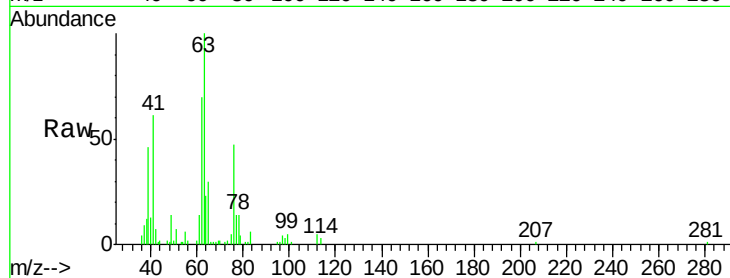




#45
 1,2-Dichloropropane
 Concen: 19.619 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

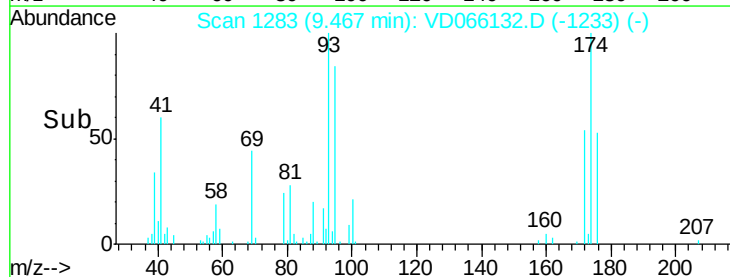
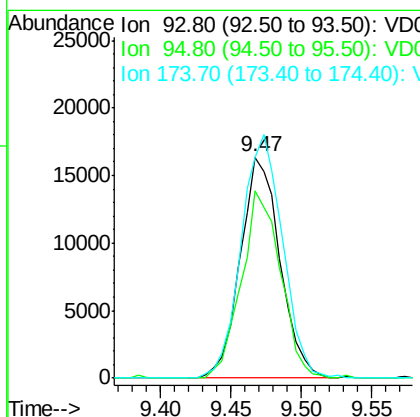
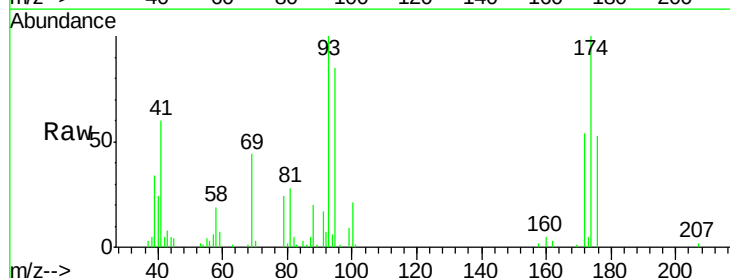
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

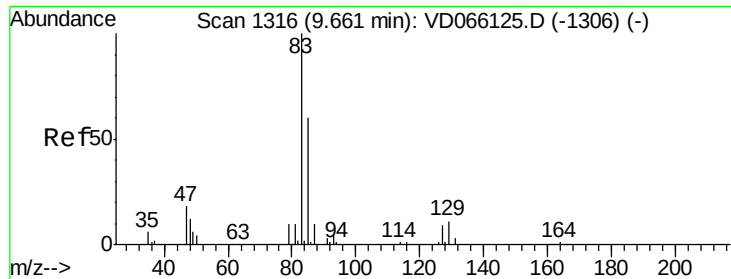
Tot Ion: 63 Resp: 58823
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.5 39.7



#46
 Dibromomethane
 Concen: 19.462 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 93 Resp: 32143
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.6
 174 115.0 92.8 139.2





#47

Bromodichloromethane

Concen: 19.121 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

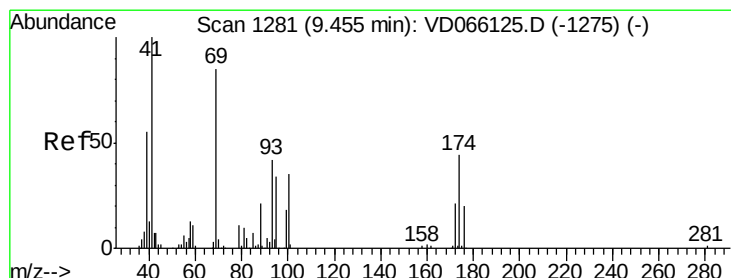
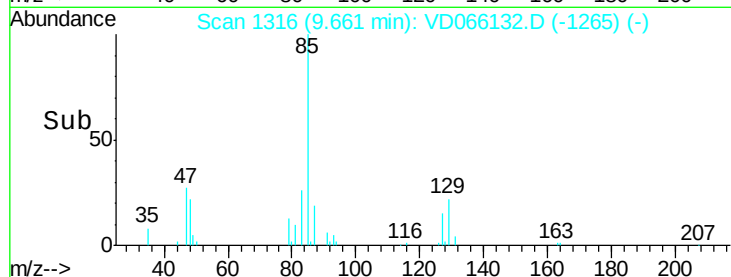
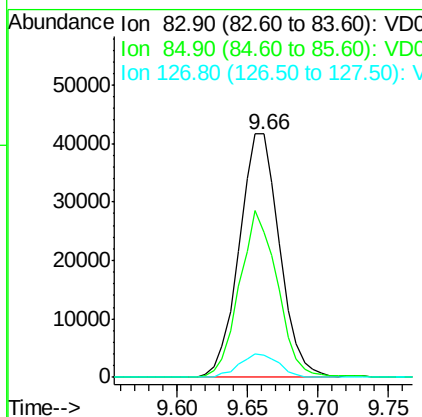
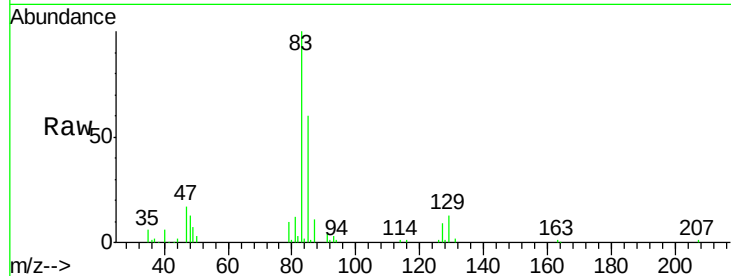
Tot Ion: 83 Resp: 83465

Ion Ratio Lower Upper

83 100

85 59.5 48.2 72.4

127 9.2 7.3 10.9



#48

Methyl methacrylate

Concen: 17.877 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

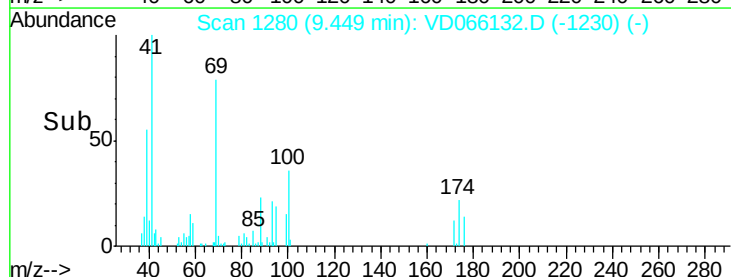
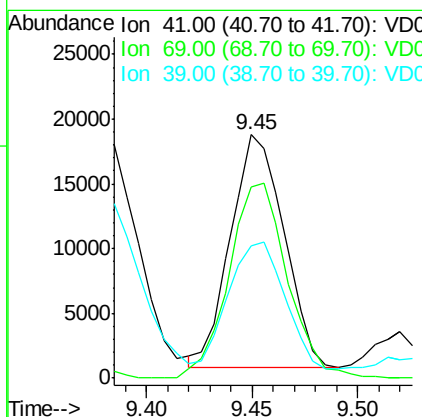
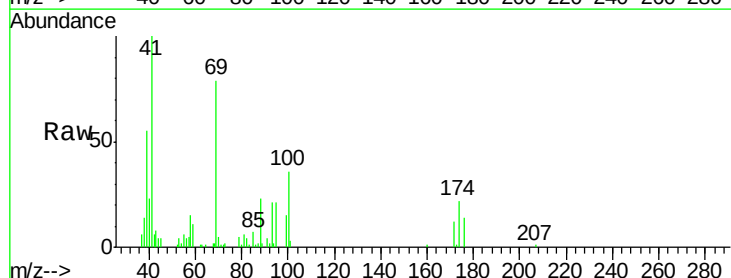
Tgt Ion: 41 Resp: 31492

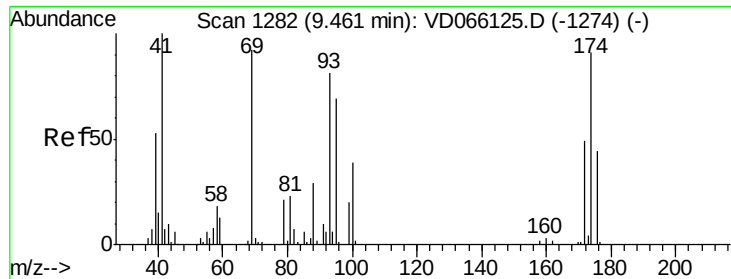
Ion Ratio Lower Upper

41 100

69 92.0 63.9 95.9

39 58.4 42.6 64.0

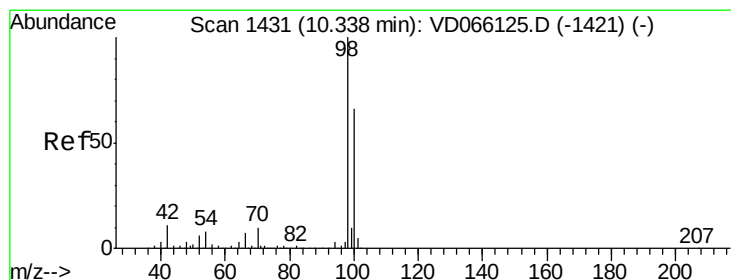
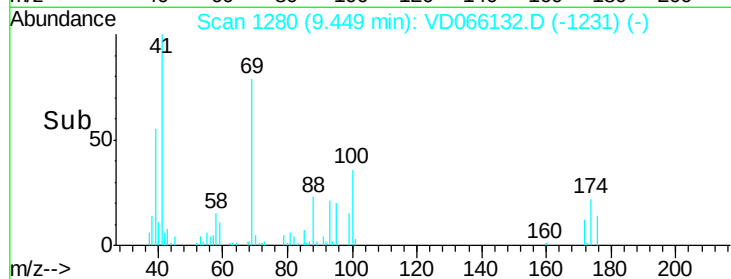
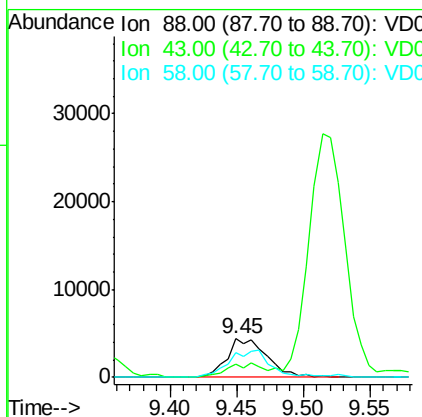
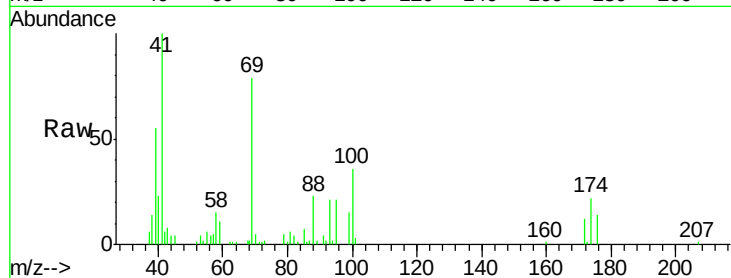




#49
 1,4-Dioxane
 Concen: 435.283 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

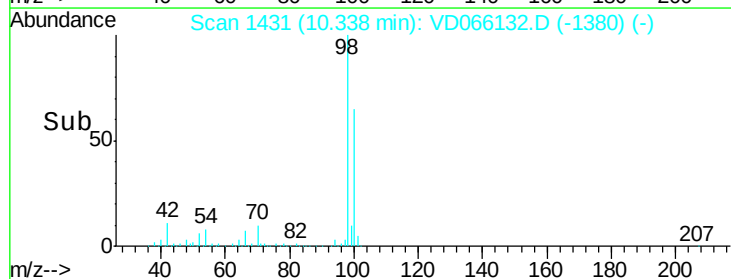
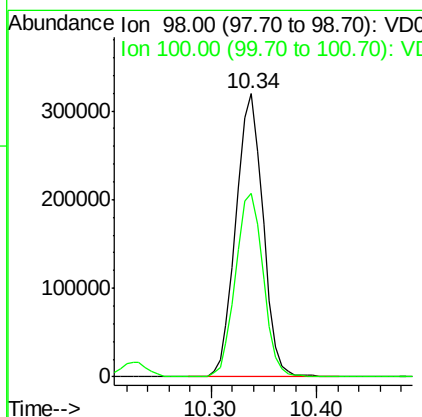
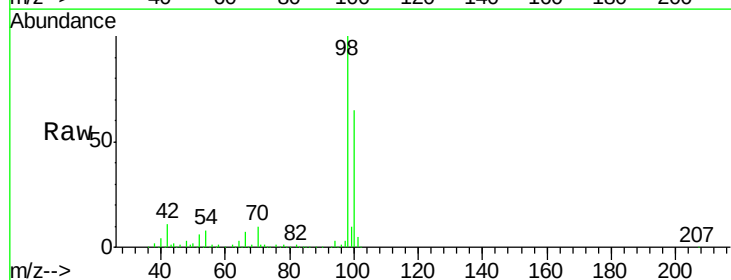
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

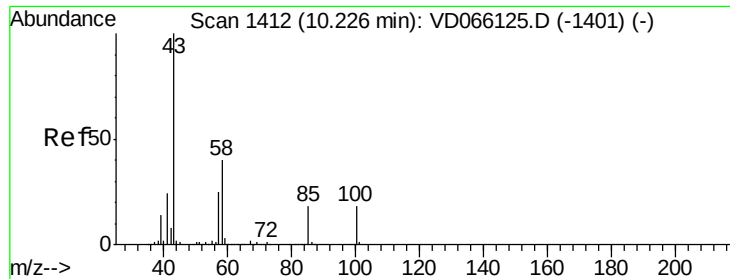
Tot Ion: 88 Resp: 9236
 Ion Ratio Lower Upper
 88 100
 43 32.3 27.5 41.3
 58 70.6 50.2 75.4



#50
 Toluene-d8
 Concen: 51.666 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 98 Resp: 568021
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.6 78.8

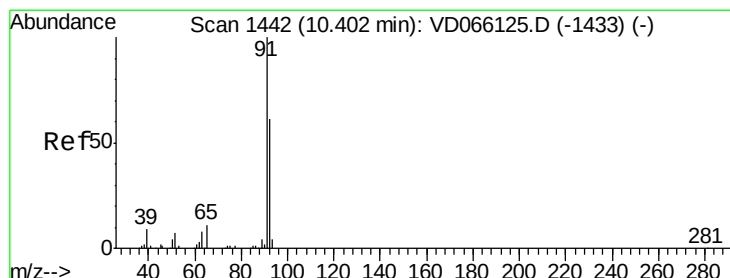
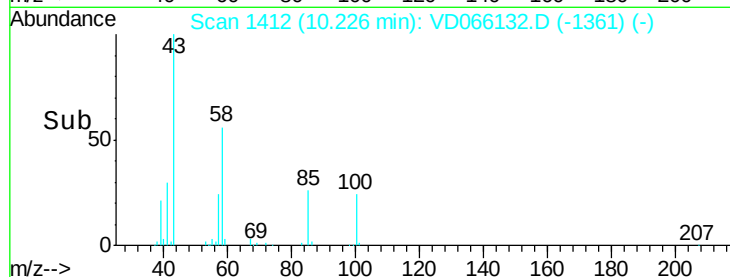
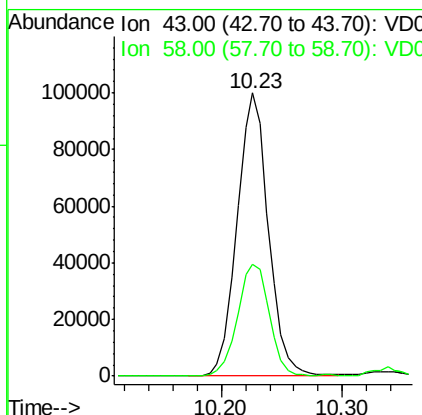
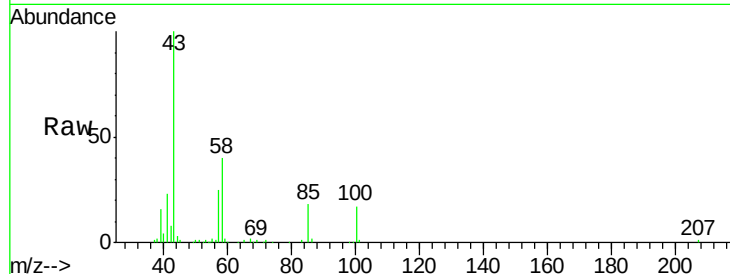




#51
4-Methyl-2-Pentanone
Concen: 101.644 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

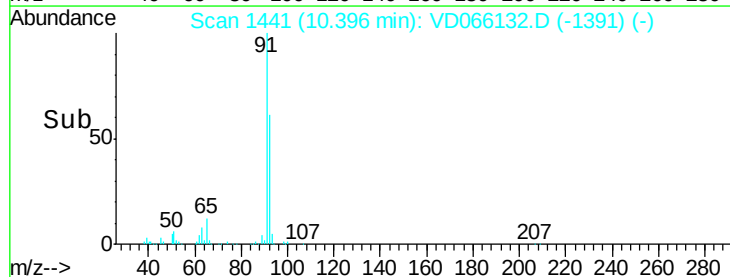
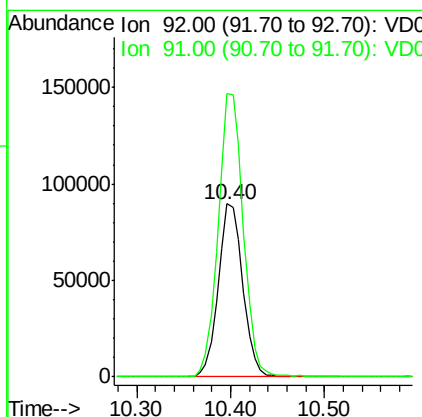
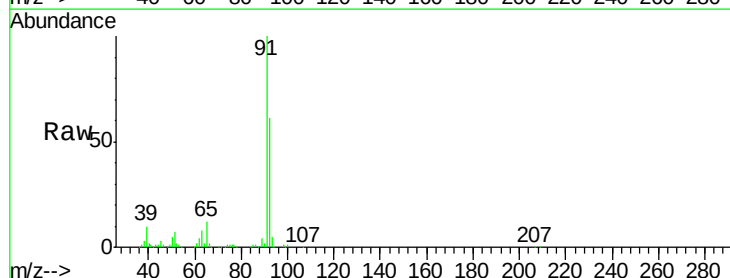
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

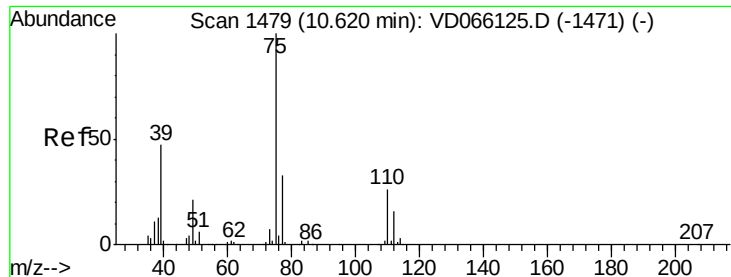
Tot Ion: 43 Resp: 180123
Ion Ratio Lower Upper
43 100
58 40.5 31.1 46.7



#52
Toluene
Concen: 20.213 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 92 Resp: 163057
Ion Ratio Lower Upper
92 100
91 167.5 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 20.233 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

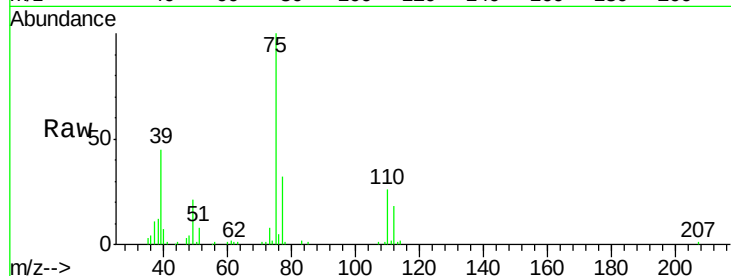
VD0806SBS01

Tot Ion: 75 Resp: 83813

Ion Ratio Lower Upper

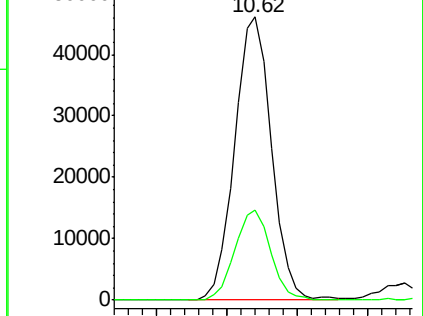
75 100

77 31.9 26.2 39.2

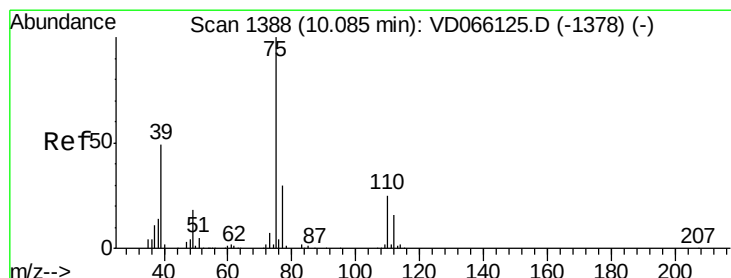
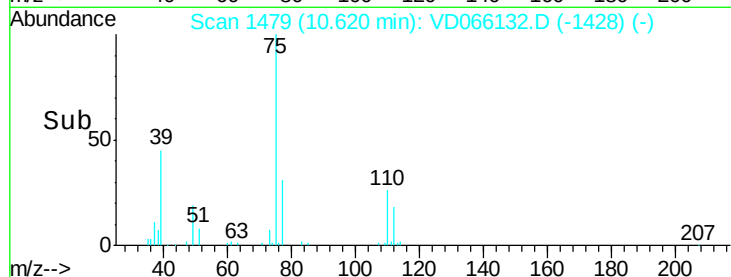


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.764 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

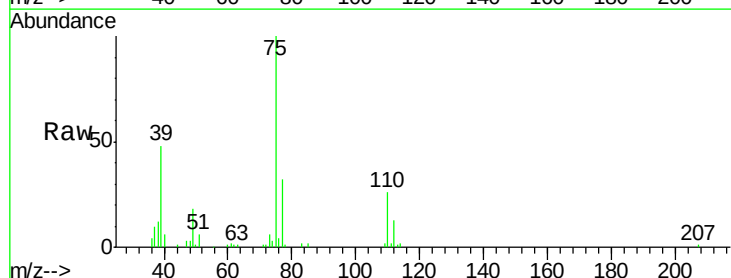
Tgt Ion: 75 Resp: 95924

Ion Ratio Lower Upper

75 100

77 32.1 24.3 36.5

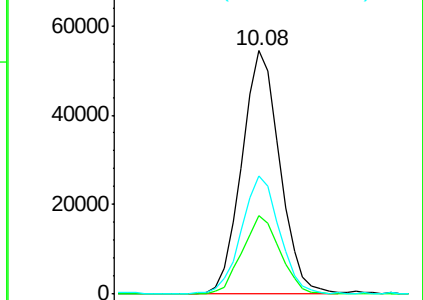
39 48.4 39.3 58.9



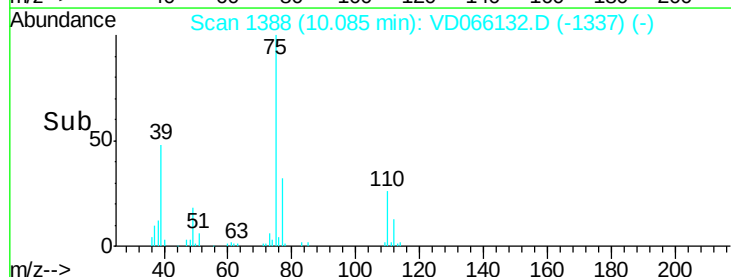
Abundance Ion 74.90 (74.60 to 75.60): VDC

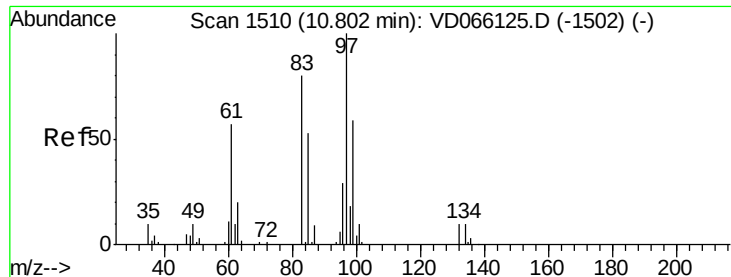
Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



Time-->





#55

1,1,2-Trichloroethane

Concen: 19.314 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

Tot Ion: 97 Resp: 45932

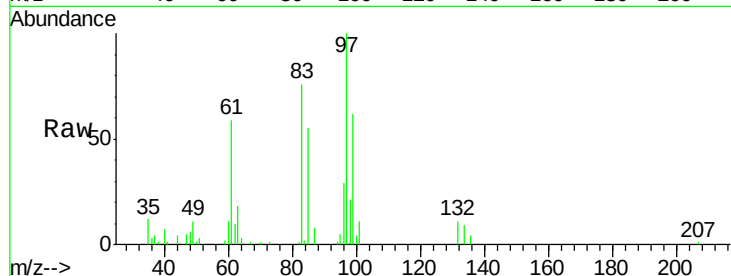
Ion Ratio Lower Upper

97 100

83 75.1 63.9 95.9

85 54.3 42.5 63.7

99 60.9 47.4 71.0

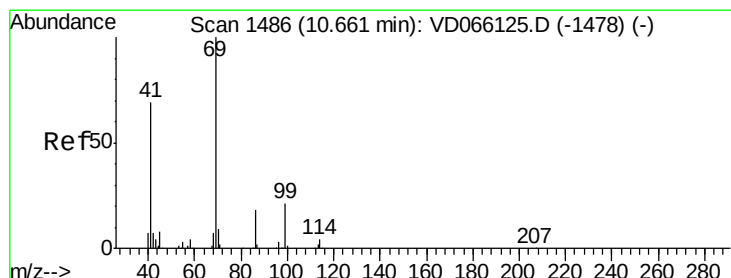
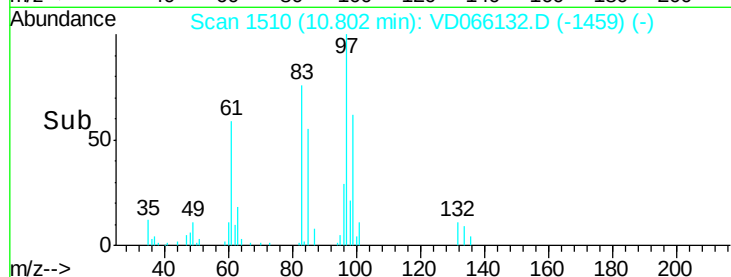
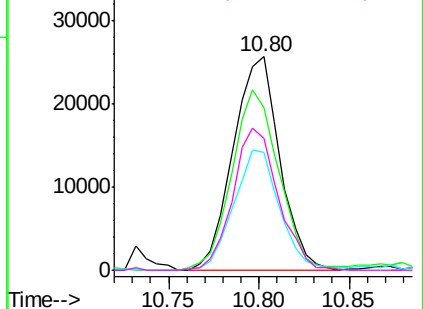


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 19.816 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

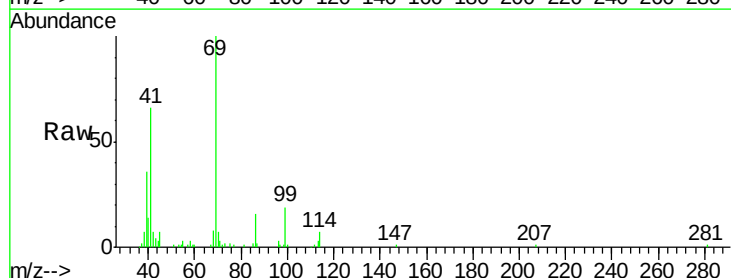
Tgt Ion: 69 Resp: 56612

Ion Ratio Lower Upper

69 100

41 67.3 54.1 81.1

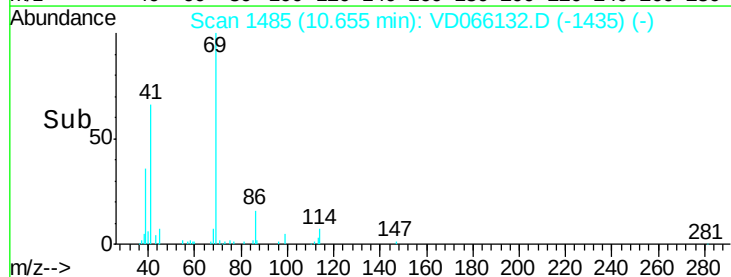
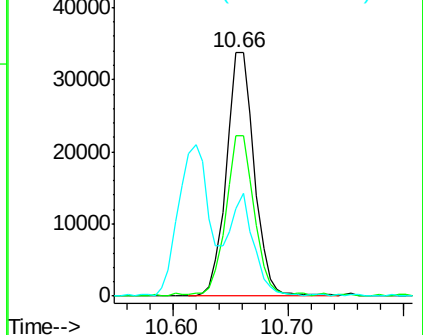
39 34.6 28.6 43.0

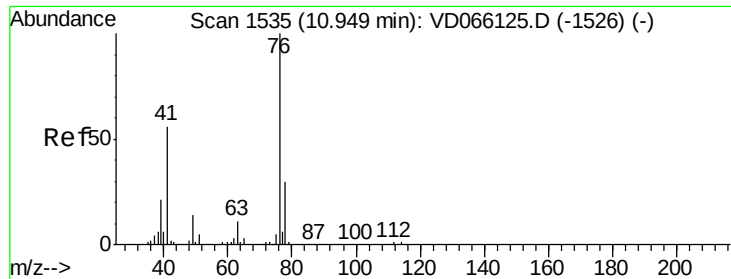


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 20.105 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

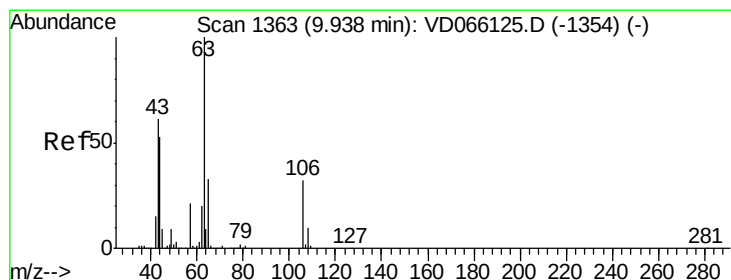
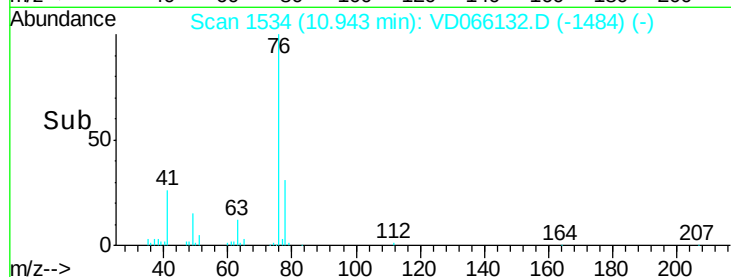
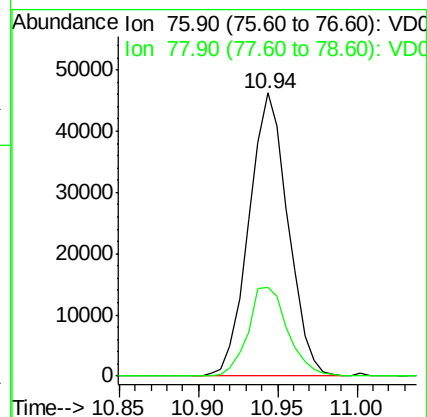
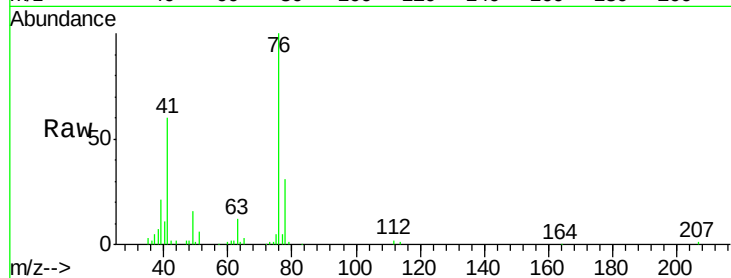
VD0806SBS01

Tot Ion: 76 Resp: 79378

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 107.668 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066132.D

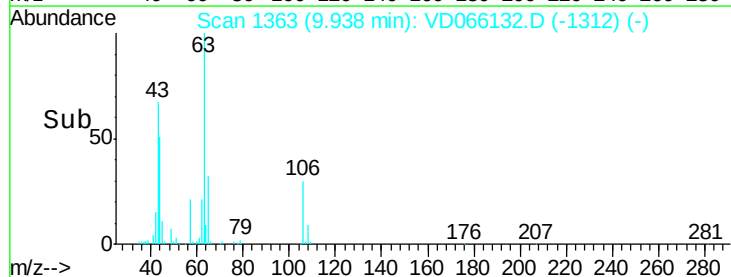
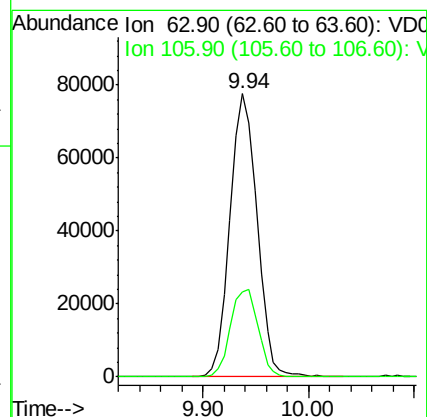
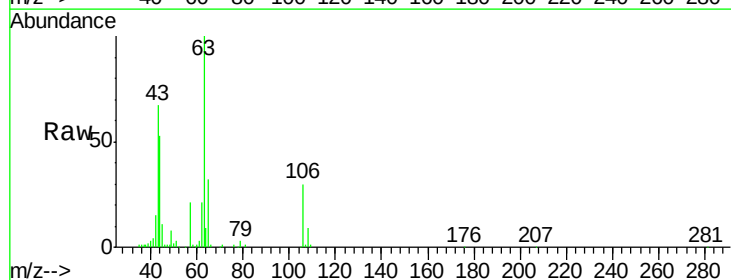
Acq: 06 Aug 2020 14:07

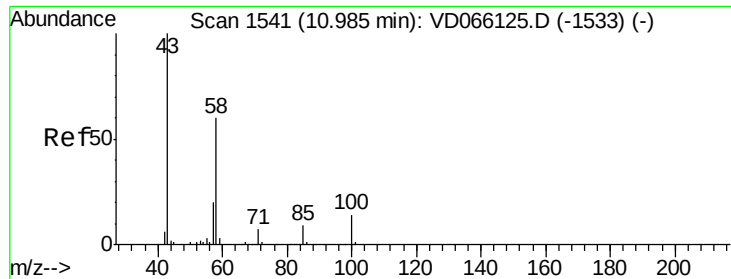
Tgt Ion: 63 Resp: 138360

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

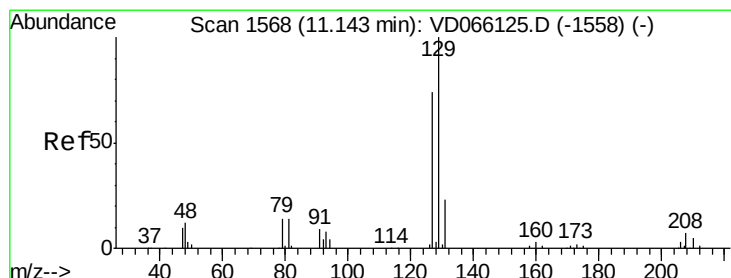
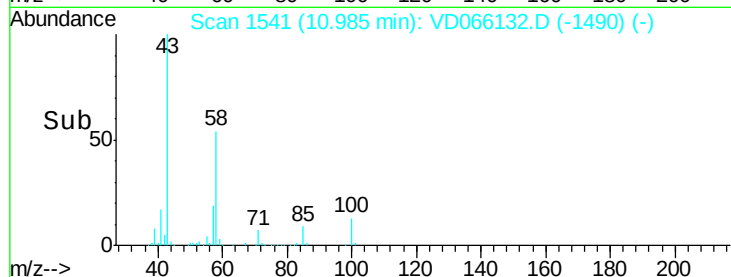
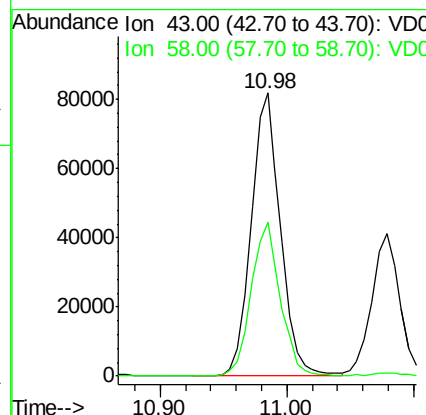
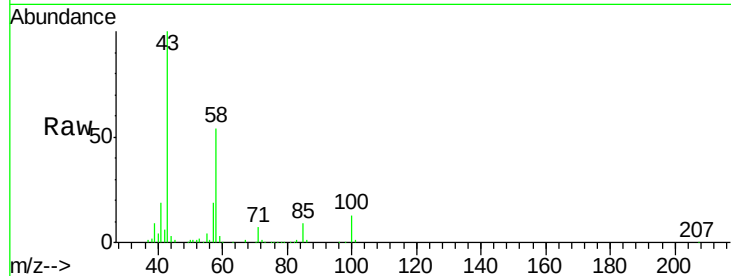




#59
2-Hexanone
Concen: 105.415 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

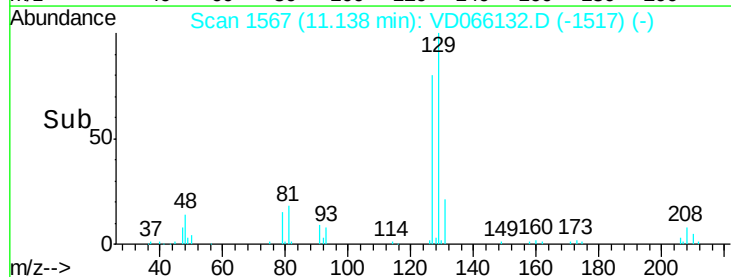
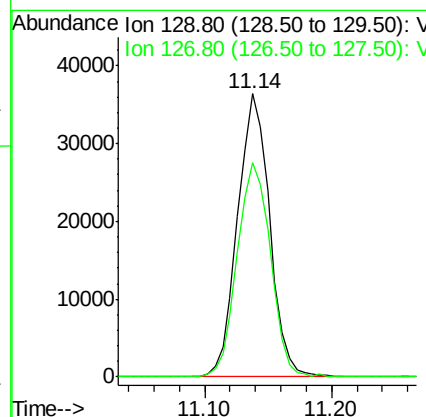
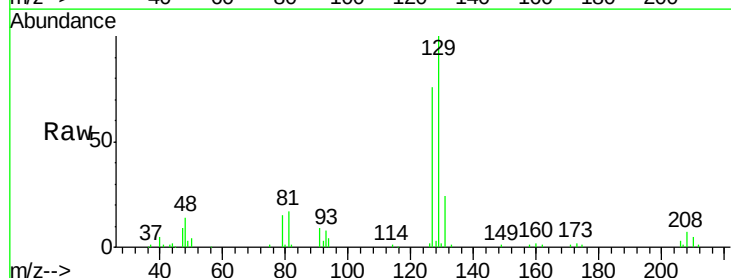
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

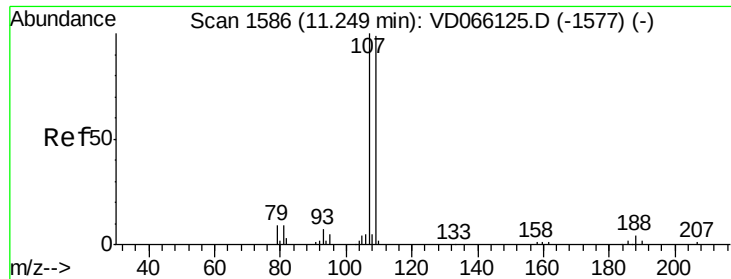
Tot Ion: 43 Resp: 131103
Ion Ratio Lower Upper
43 100
58 54.3 27.8 83.4



#60
Dibromochloromethane
Concen: 19.387 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 129 Resp: 63652
Ion Ratio Lower Upper
129 100
127 78.8 38.0 114.1

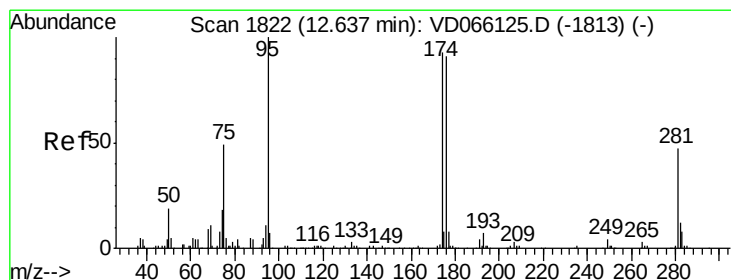
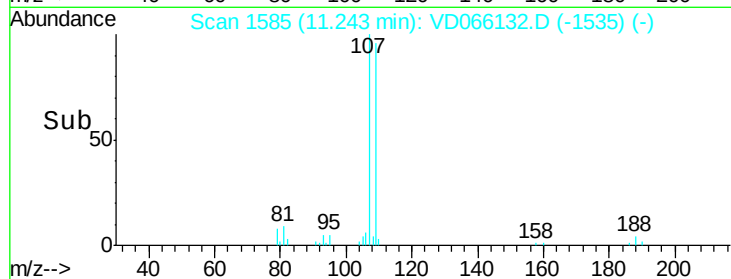
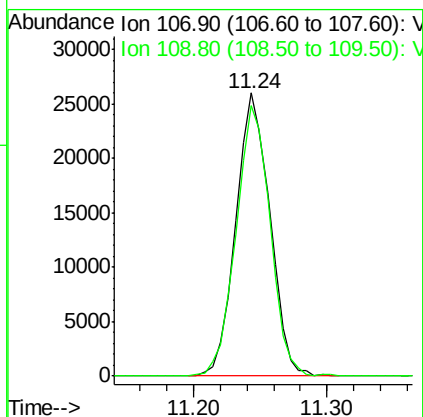
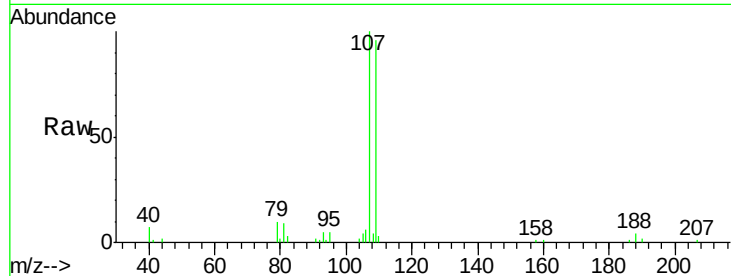




#61
 1,2-Dibromoethane
 Concen: 20.089 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

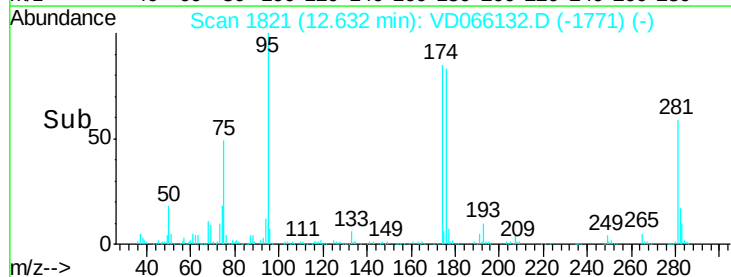
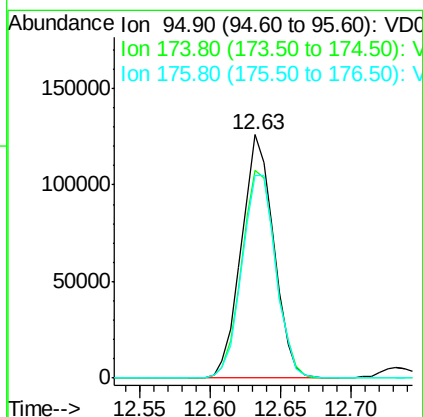
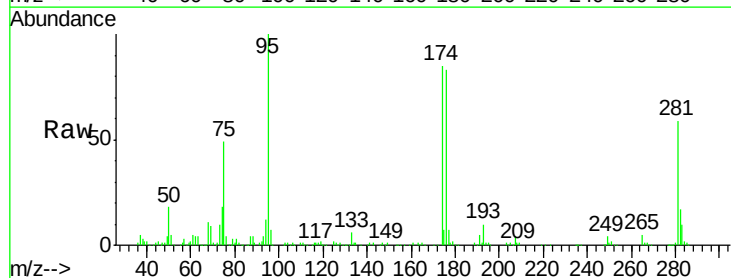
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

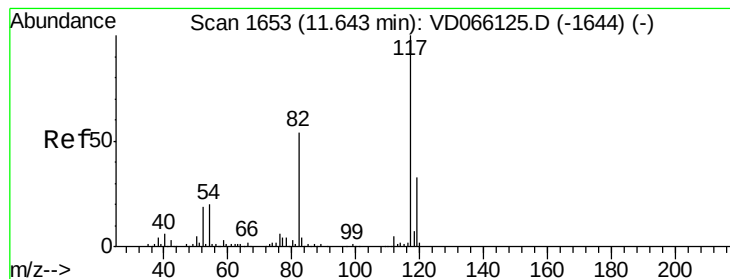
Tot Ion:107 Resp: 45946
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.228 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion: 95 Resp: 203014
 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: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

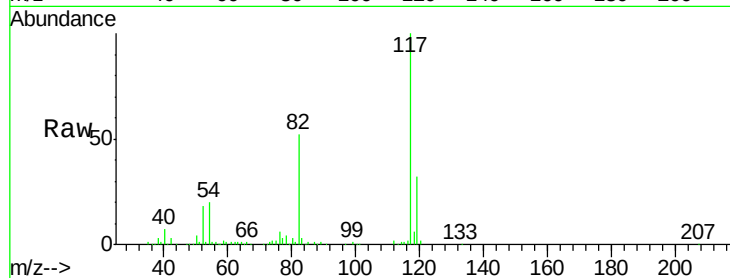
Tot Ion:117 Resp: 437987

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

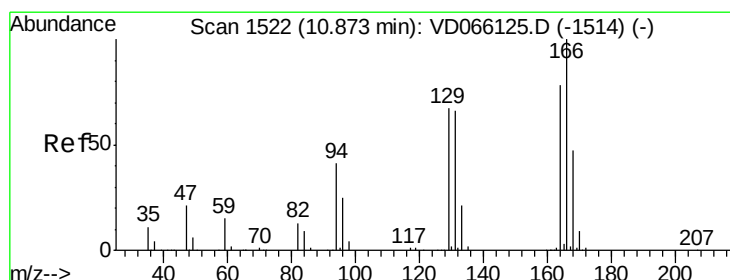
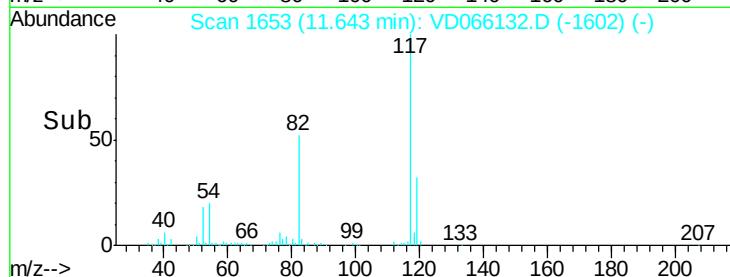
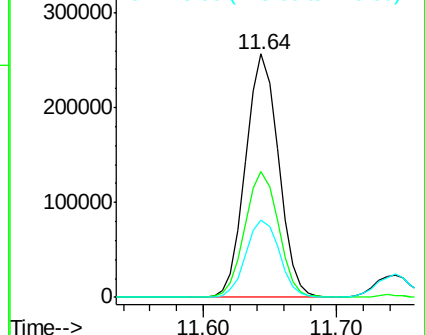
119 31.8 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.274 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Tgt Ion:164 Resp: 64825

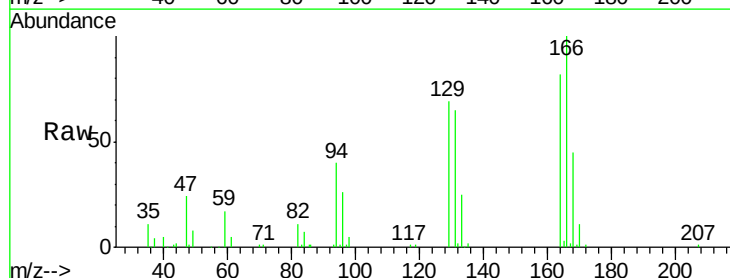
Ion Ratio Lower Upper

164 100

166 121.4 101.9 152.9

129 84.1 68.1 102.1

131 79.2 67.6 101.4

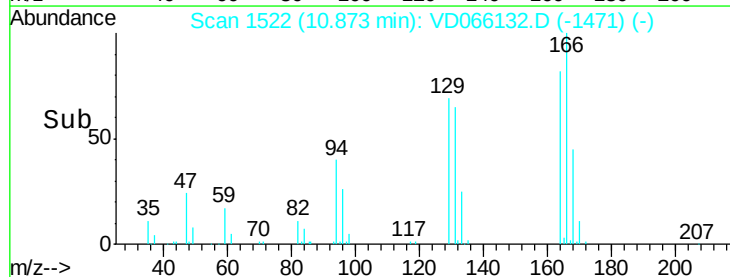
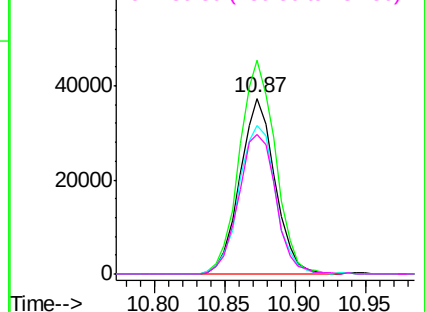


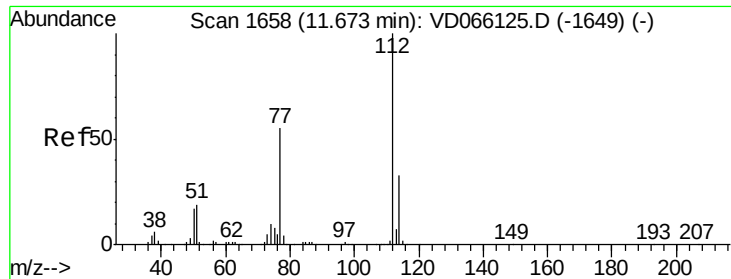
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

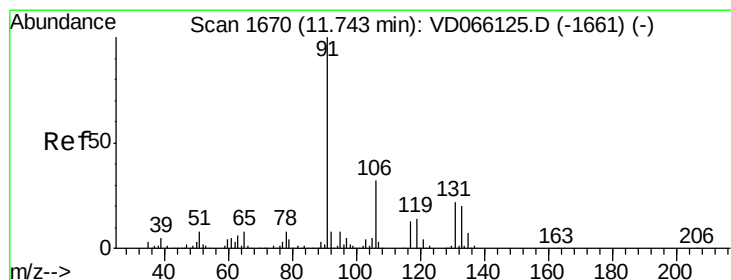
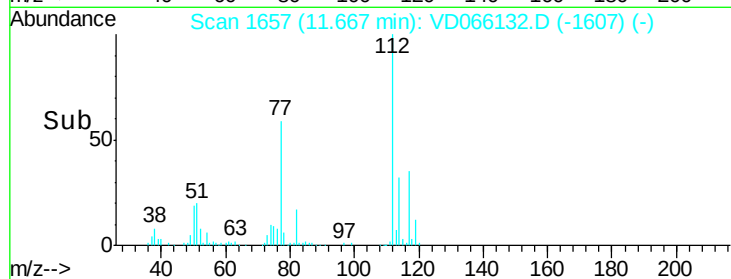
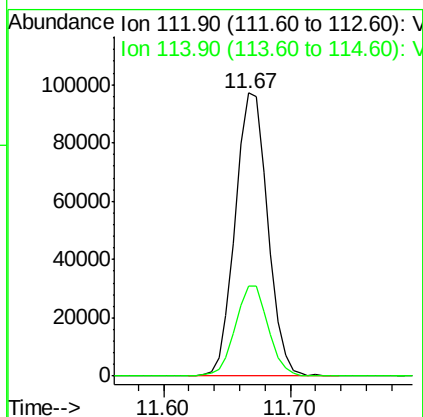
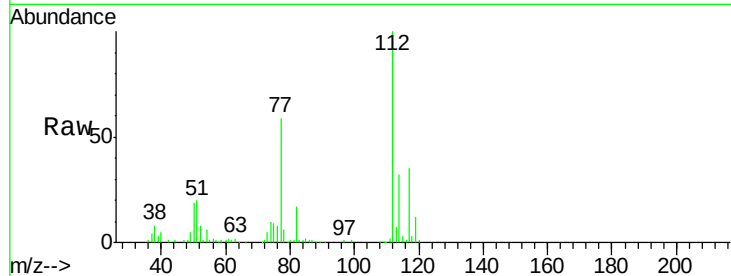




#65
Chlorobenzene
Concen: 19.423 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

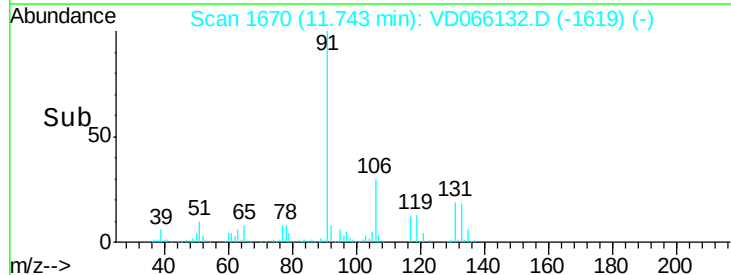
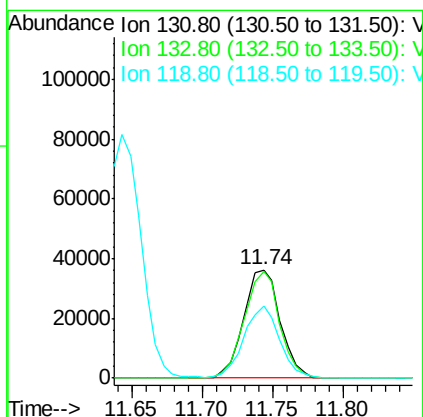
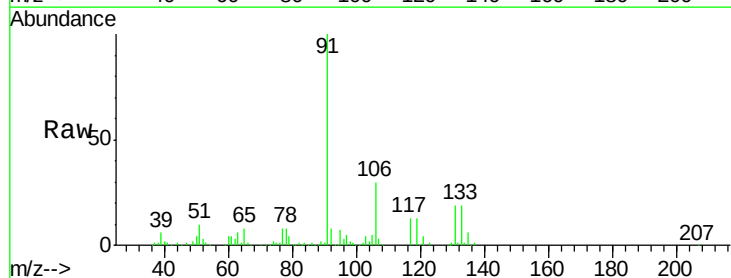
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

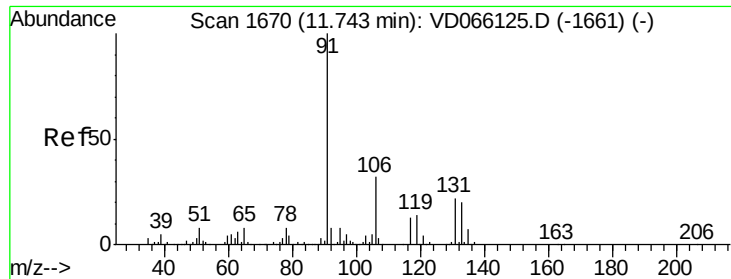
Tot Ion:112 Resp: 172699
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.981 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion:131 Resp: 66032
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.0 31.6 94.7

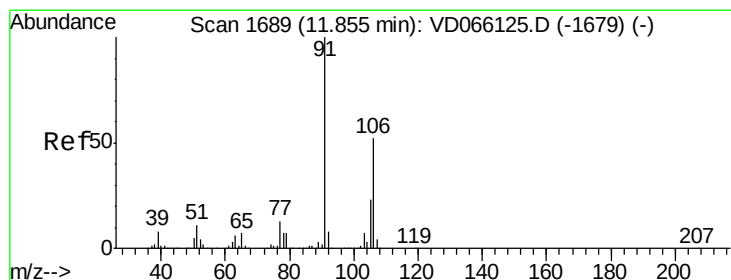
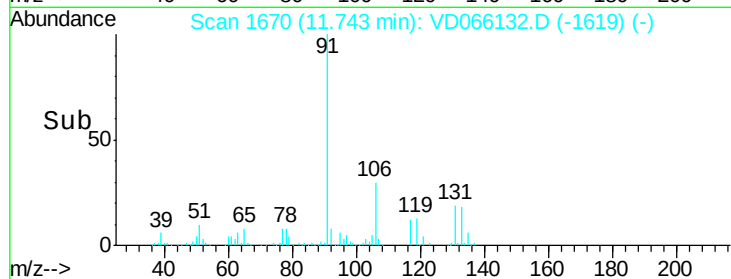
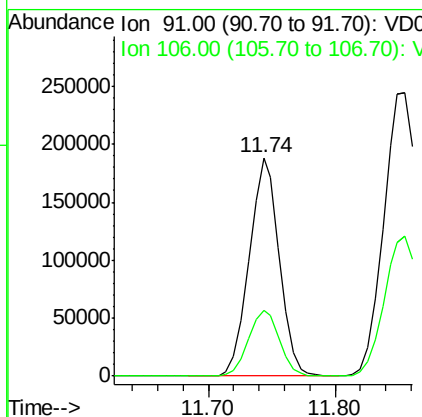
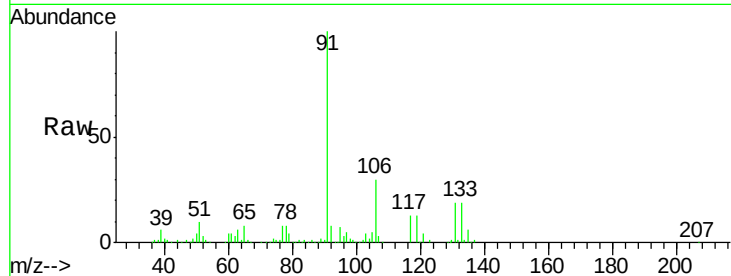




#67
Ethyl Benzene
Concen: 20.142 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

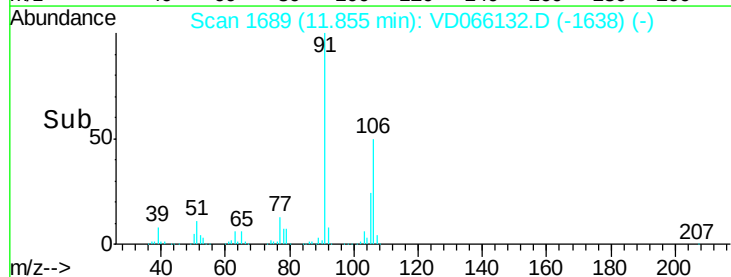
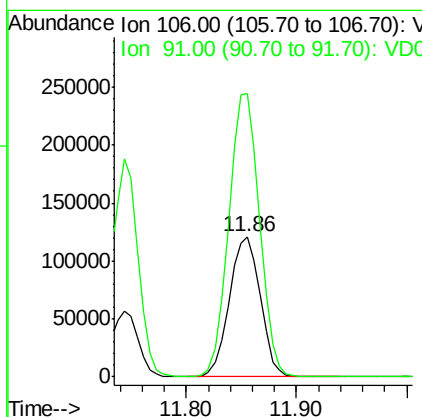
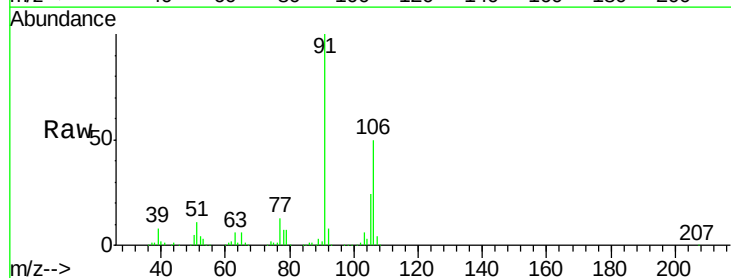
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

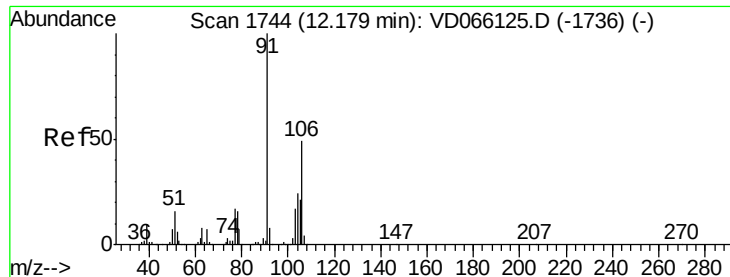
Tot Ion: 91 Resp: 310351
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 39.828 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 106 Resp: 237758
Ion Ratio Lower Upper
106 100
91 201.1 156.6 235.0

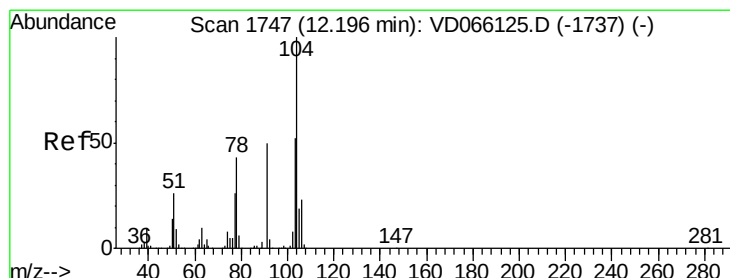
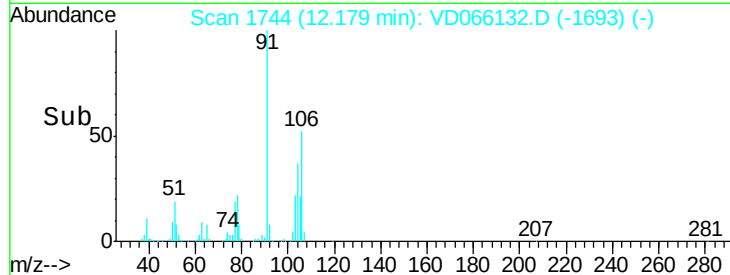
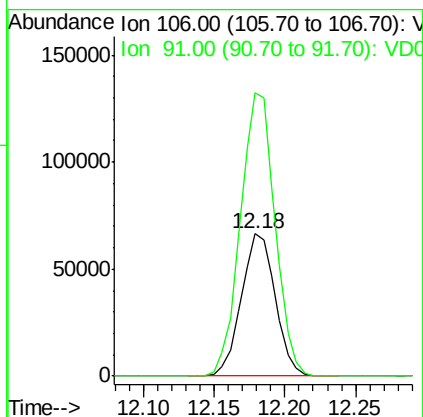
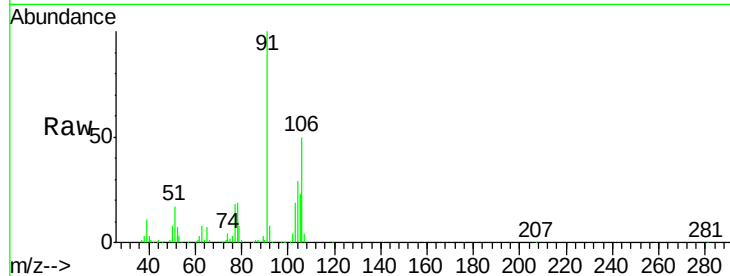




#69
o-Xylene
Concen: 20.584 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

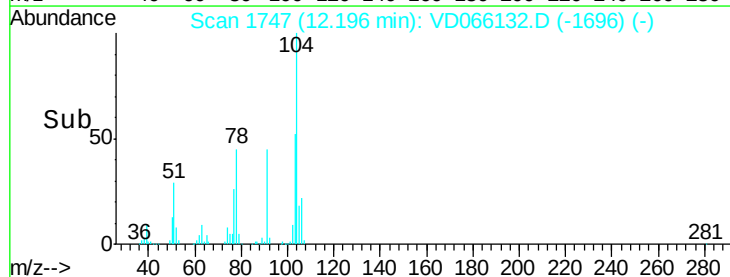
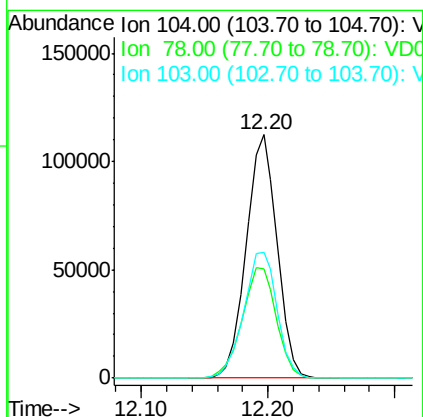
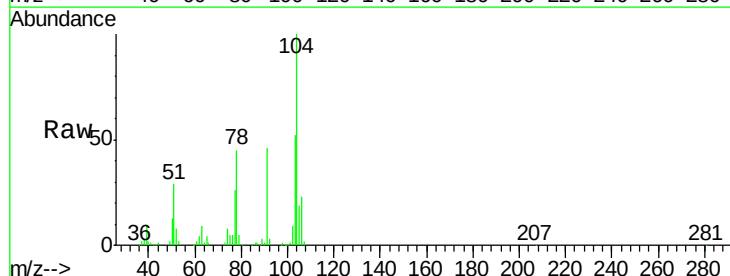
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

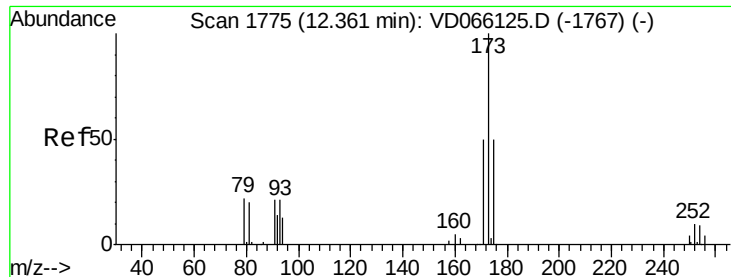
Tot Ion:106 Resp: 111776
Ion Ratio Lower Upper
106 100
91 203.1 105.7 317.1



#70
Styrene
Concen: 19.967 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion:104 Resp: 190027
Ion Ratio Lower Upper
104 100
78 50.1 38.6 58.0
103 56.1 44.1 66.1





#71

Bromoform

Concen: 19.123 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

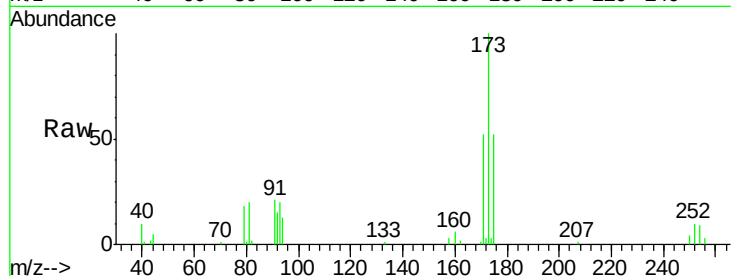
Tot Ion:173 Resp: 39416

Ion Ratio Lower Upper

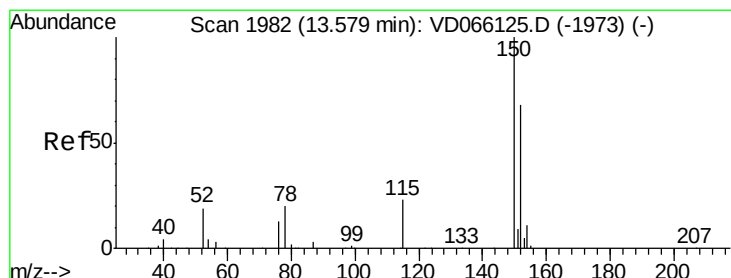
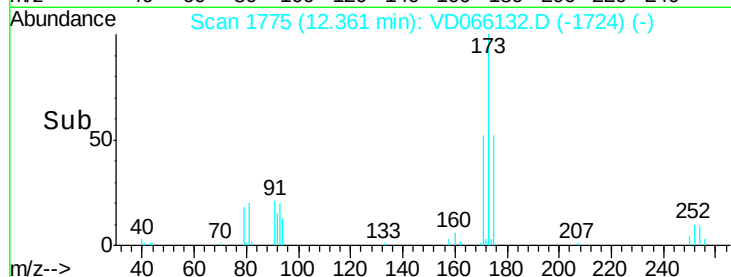
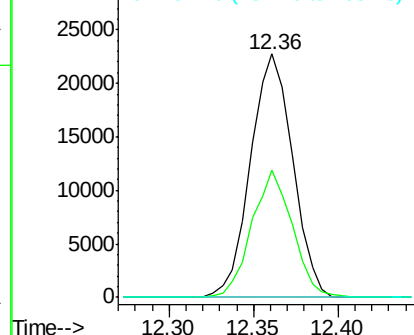
173 100

175 50.3 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: VD066132.D

Acq: 06 Aug 2020 14:07

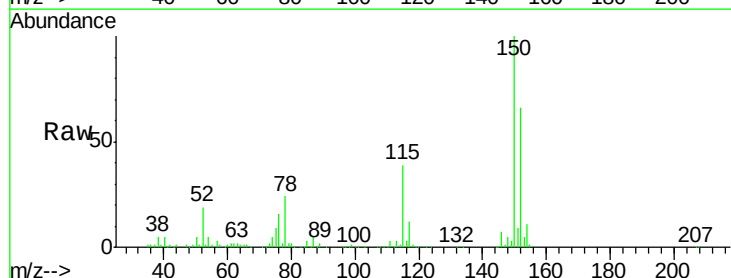
Tgt Ion:152 Resp: 232544

Ion Ratio Lower Upper

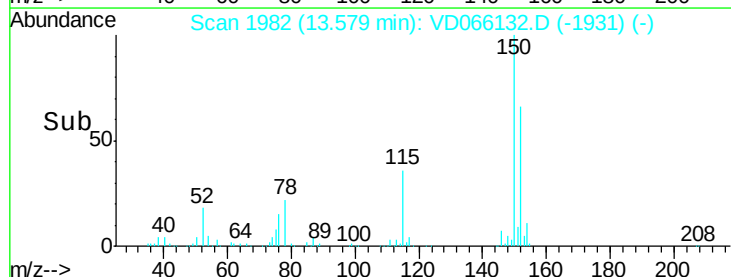
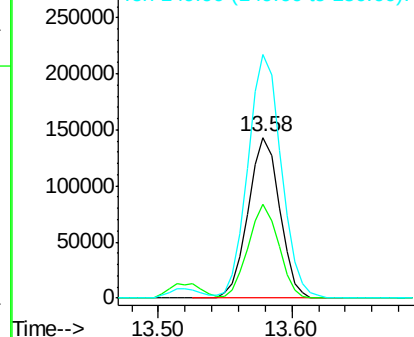
152 100

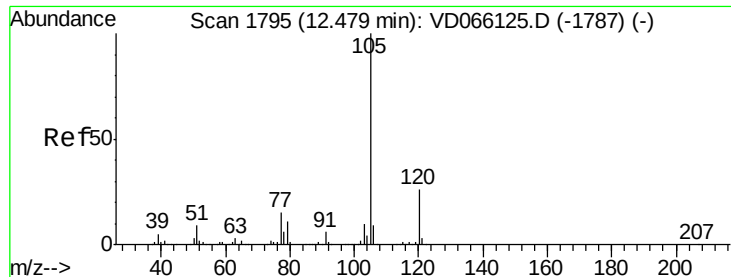
115 56.9 28.0 83.9

150 160.6 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: 19.747 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

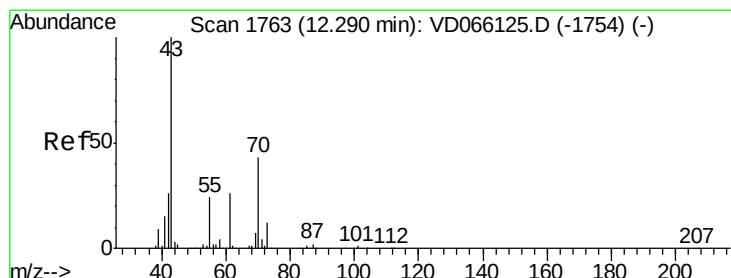
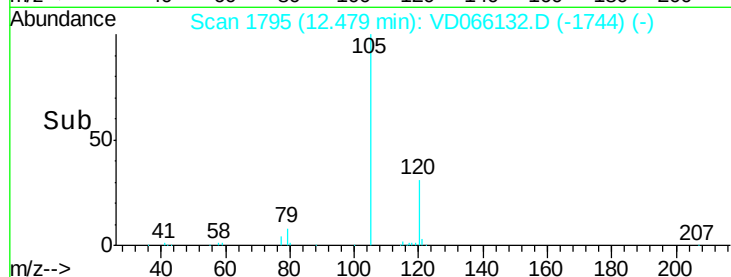
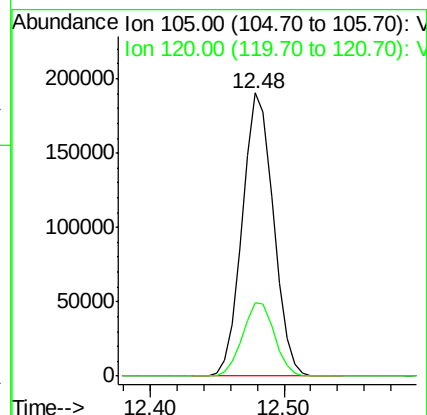
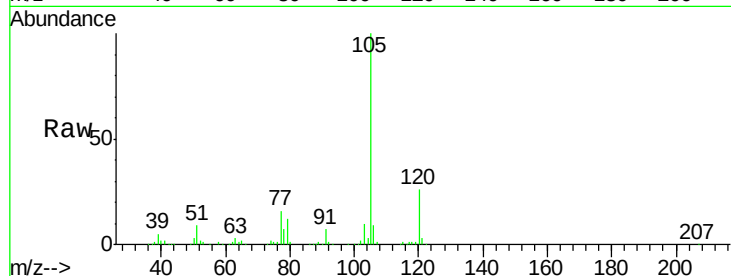
VD0806SBS01

Tot Ion:105 Resp: 306525

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 19.803 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Tgt Ion: 43 Resp: 67691

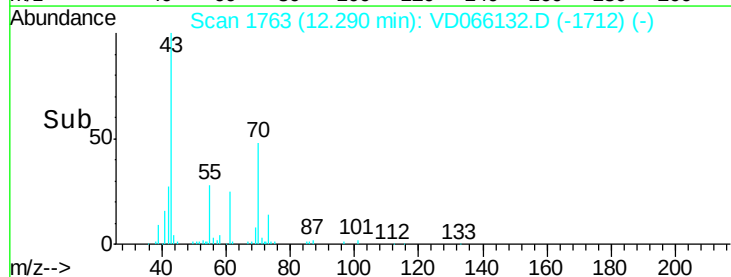
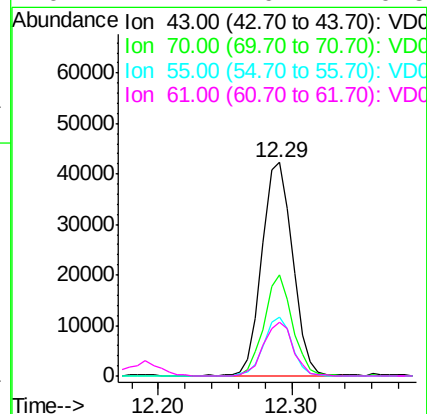
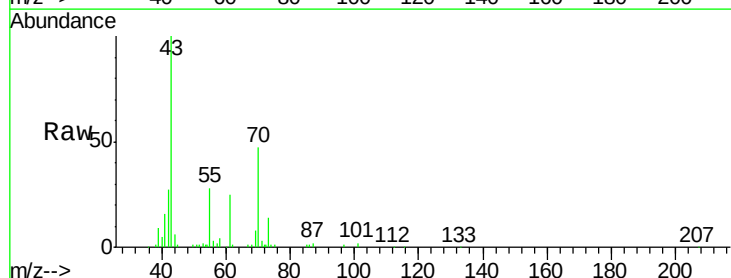
Ion Ratio Lower Upper

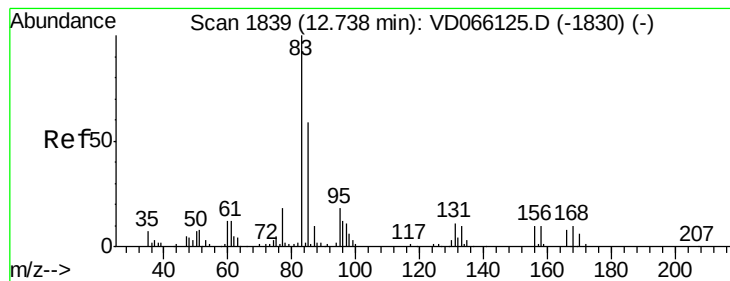
43 100

70 43.3 34.9 52.3

55 25.3 19.2 28.8

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.045 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

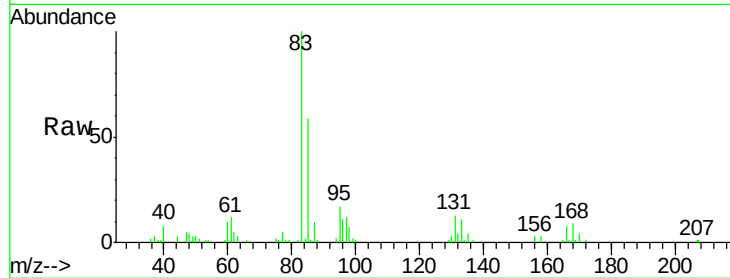
Tot Ion: 83 Resp: 53056

Ion Ratio Lower Upper

83 100

131 12.2 6.2 18.6

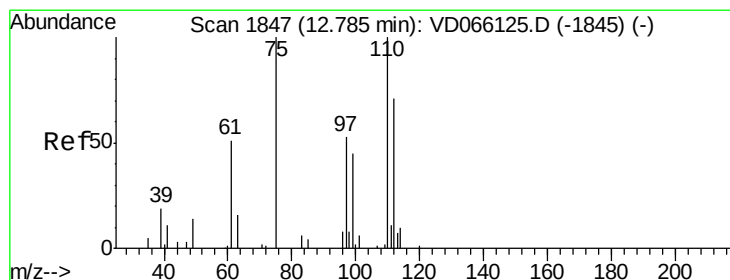
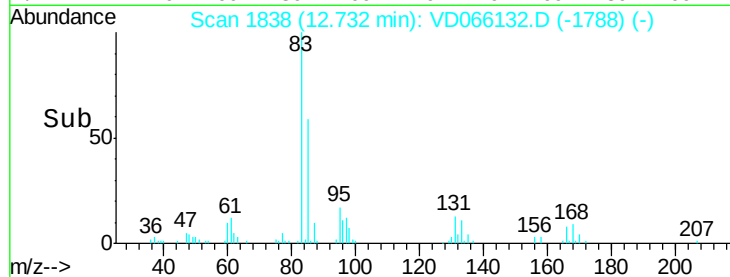
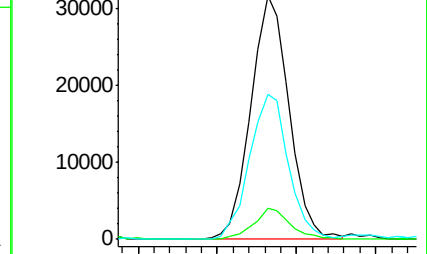
85 60.6 32.4 97.2



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: 34.018 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066132.D

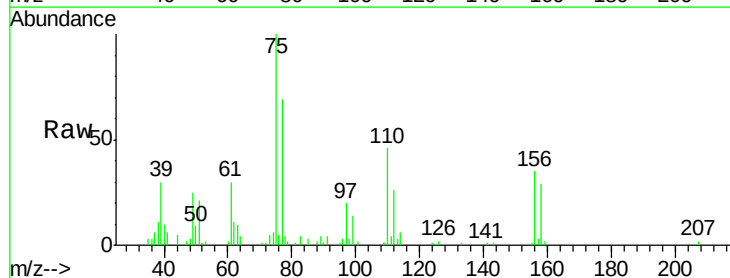
Acq: 06 Aug 2020 14:07

Tgt Ion: 75 Resp: 65970

Ion Ratio Lower Upper

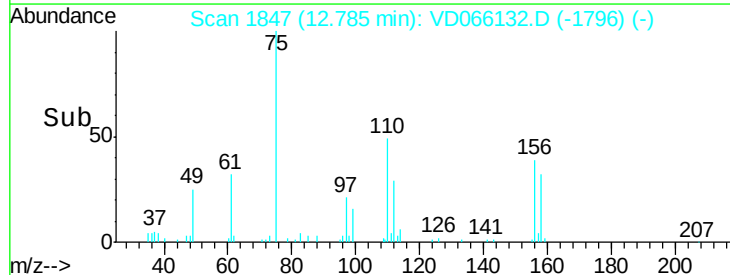
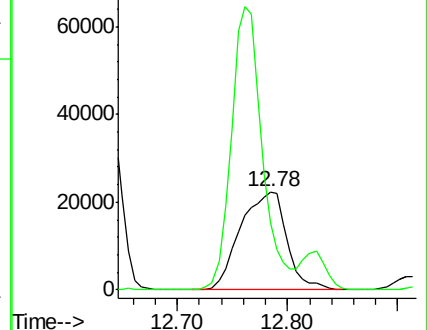
75 100

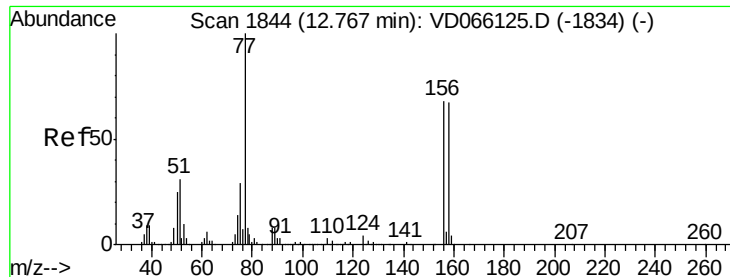
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.473 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

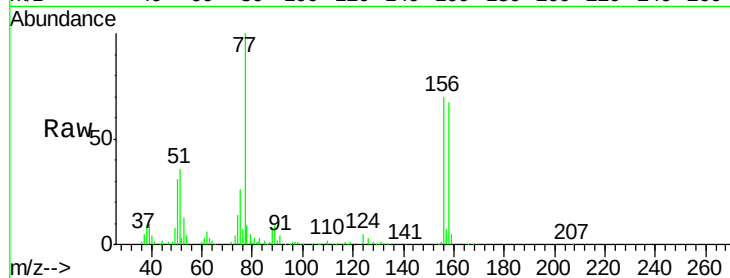
Tot Ion:156 Resp: 77813

Ion Ratio Lower Upper

156 100

77 162.0 81.0 243.1

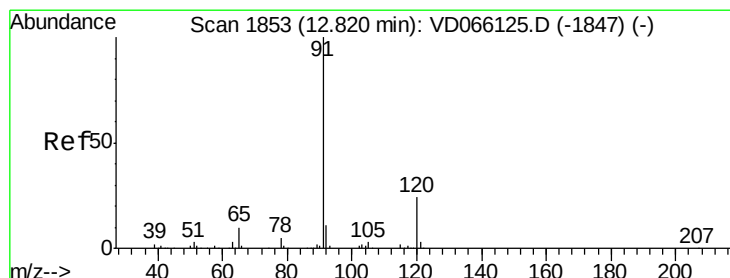
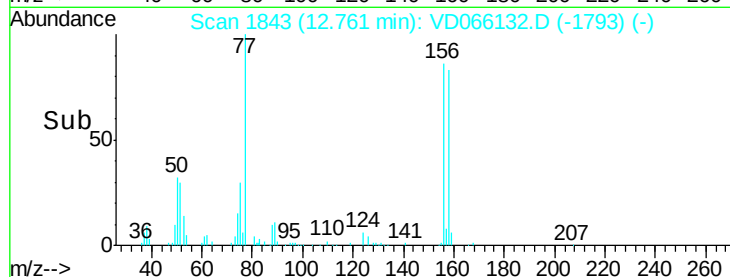
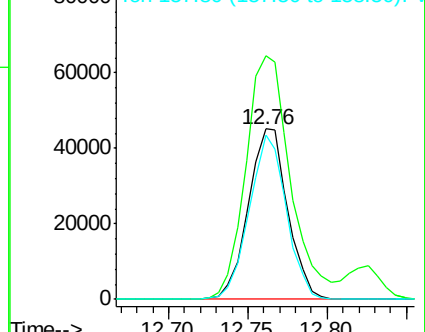
158 91.1 48.8 146.3



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: 19.834 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066132.D

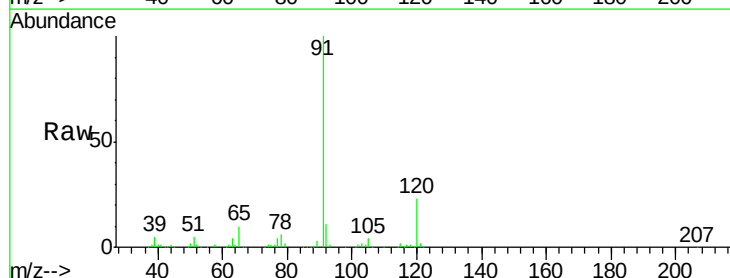
Acq: 06 Aug 2020 14:07

Tgt Ion: 91 Resp: 357894

Ion Ratio Lower Upper

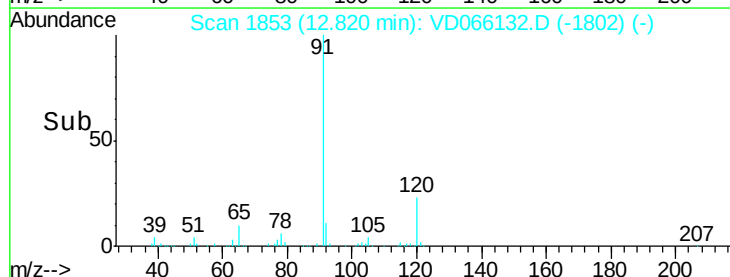
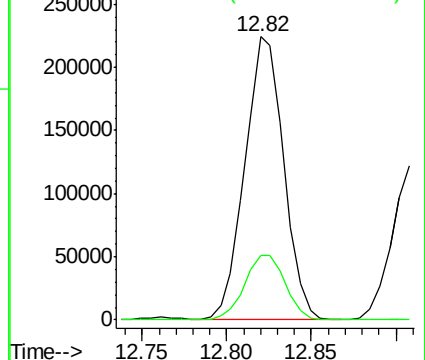
91 100

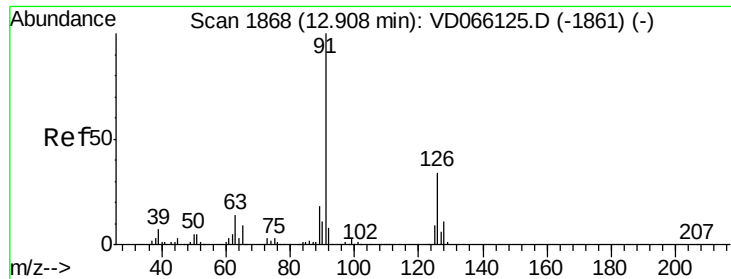
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

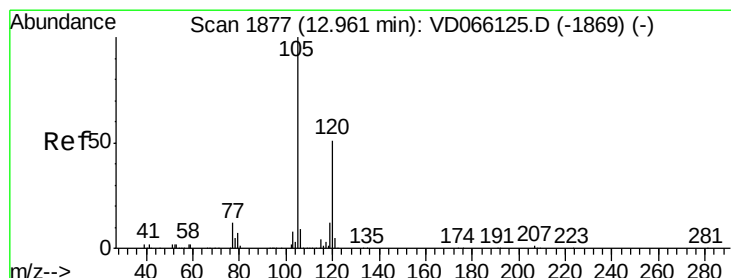
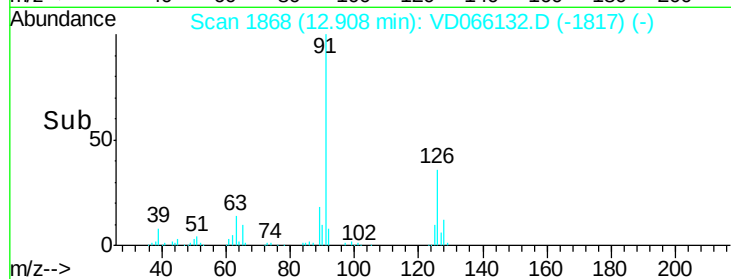
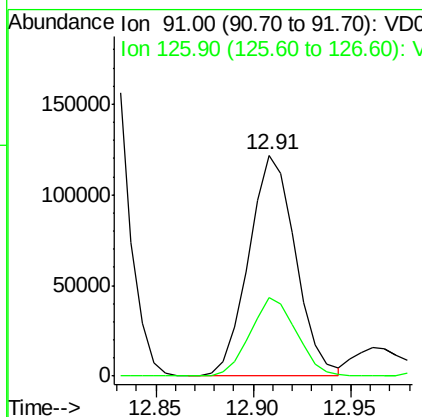
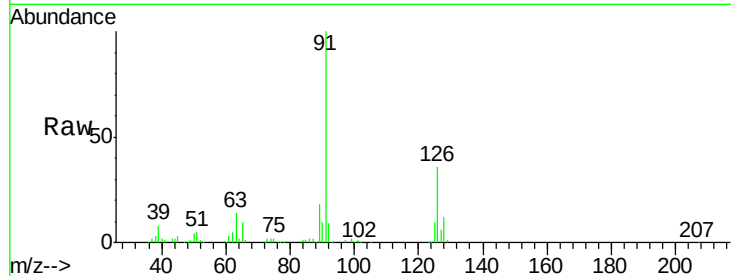




#79
2-Chlorotoluene
Concen: 19.539 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

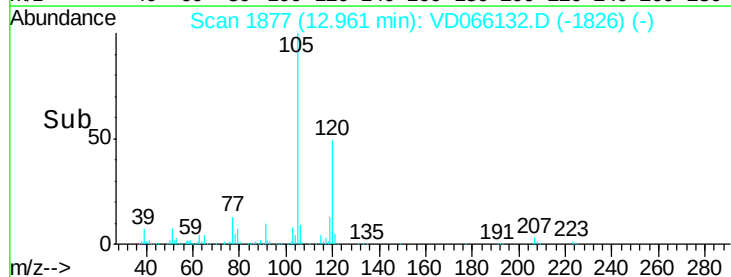
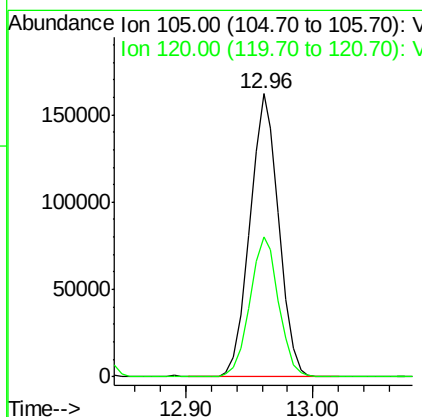
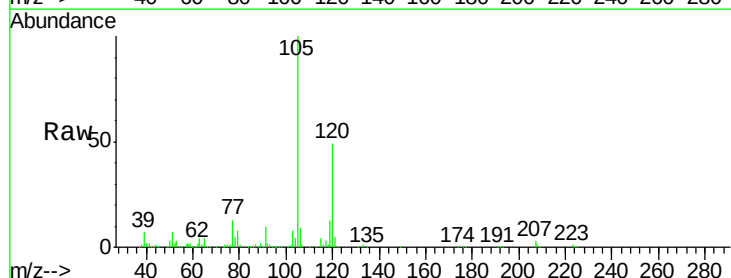
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

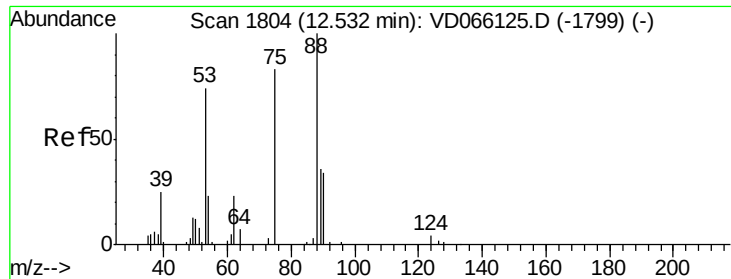
Tot Ion: 91 Resp: 201641
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 19.695 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion:105 Resp: 255675
Ion Ratio Lower Upper
105 100
120 49.4 25.3 75.8

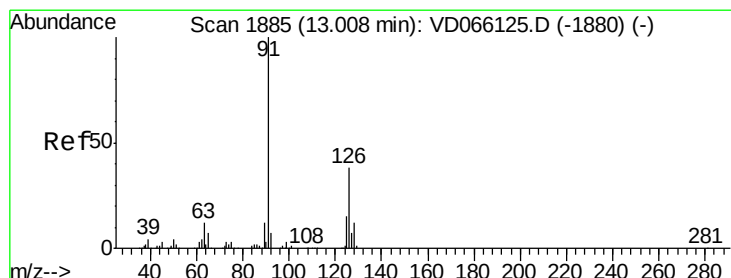
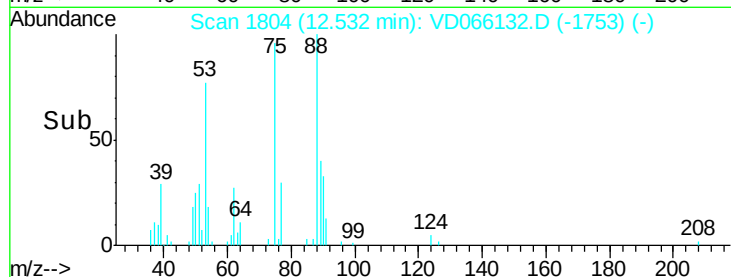
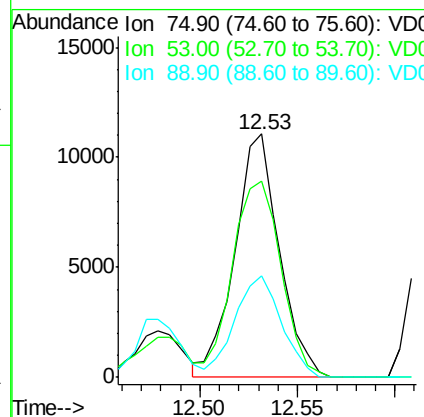
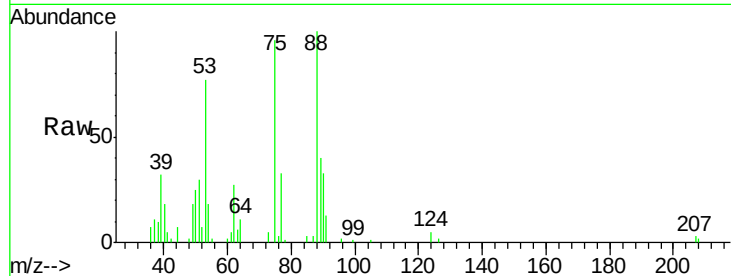




#81
trans-1,4-Dichloro-2-butene
Concen: 19.872 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

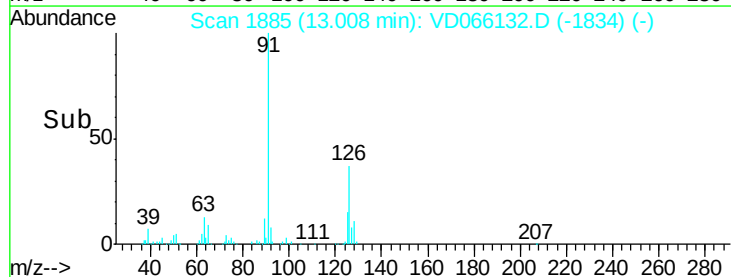
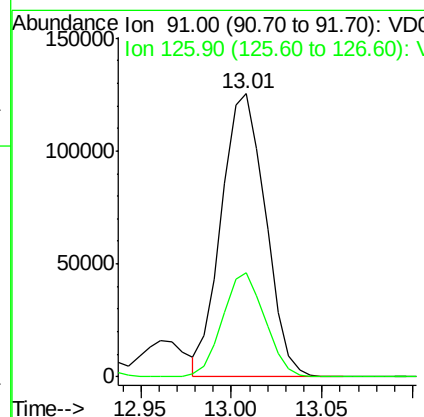
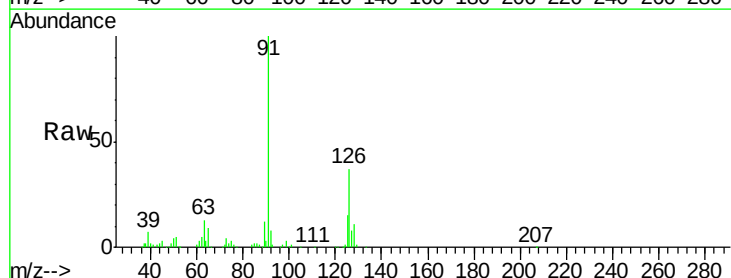
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

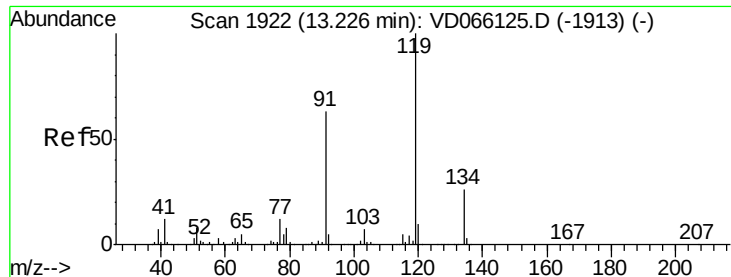
Tot Ion: 75 Resp: 17433
Ion Ratio Lower Upper
75 100
53 89.0 73.4 110.2
89 43.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.477 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 91 Resp: 212185
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

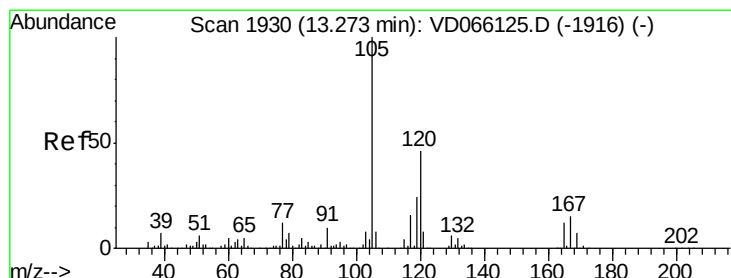
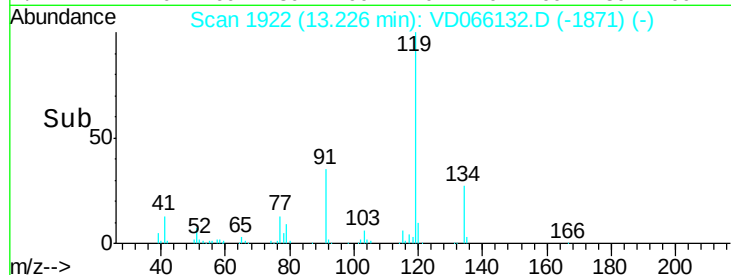
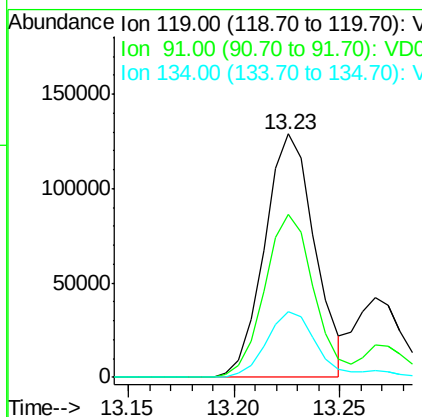
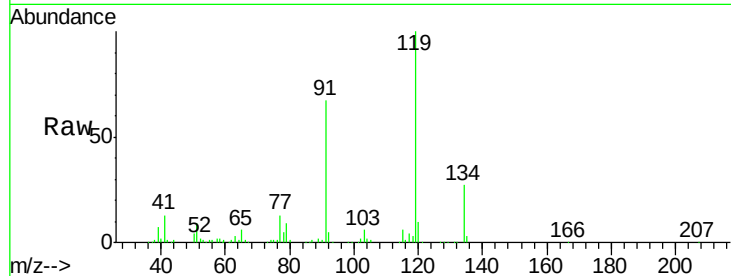




#83
tert-Butylbenzene
Concen: 18.674 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

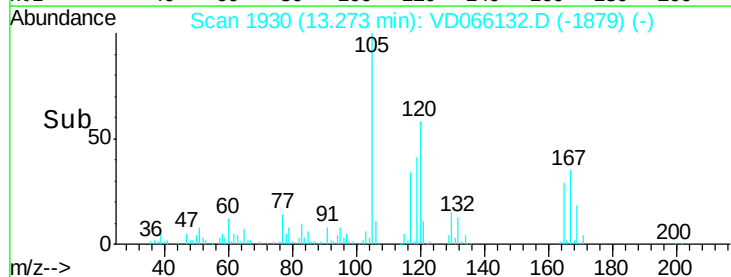
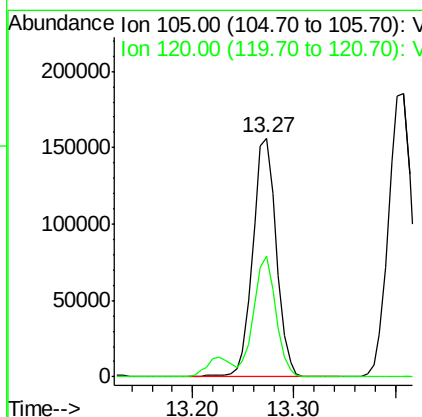
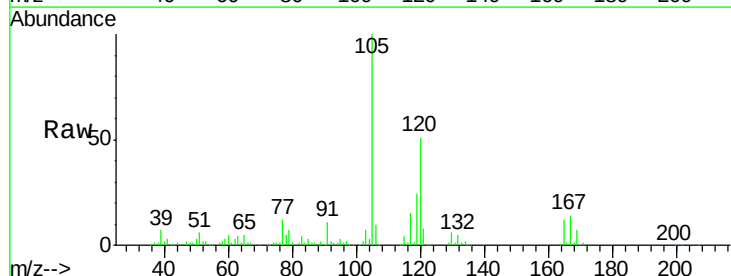
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

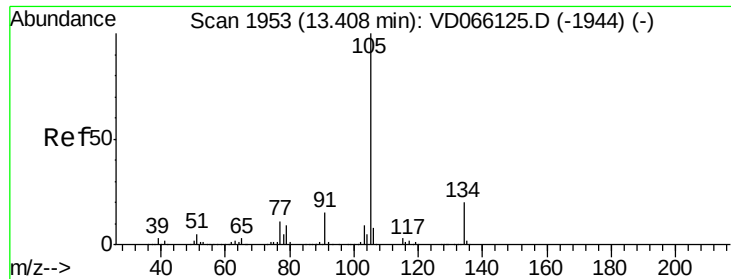
Tot Ion:119 Resp: 213199
Ion Ratio Lower Upper
119 100
91 66.1 30.8 92.4
134 28.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.408 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion:105 Resp: 252142
Ion Ratio Lower Upper
105 100
120 47.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.703 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

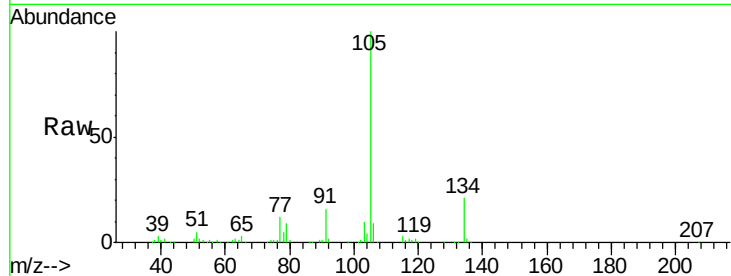
VD0806SBS01

Tot Ion:105 Resp: 303702

Ion Ratio Lower Upper

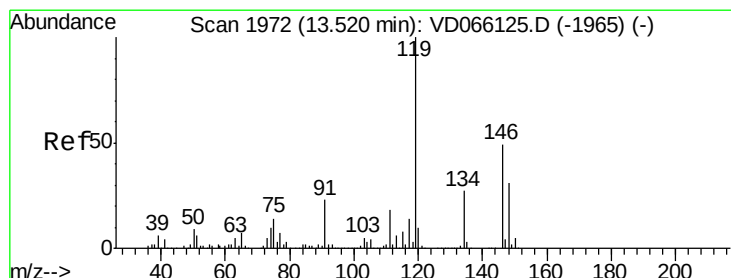
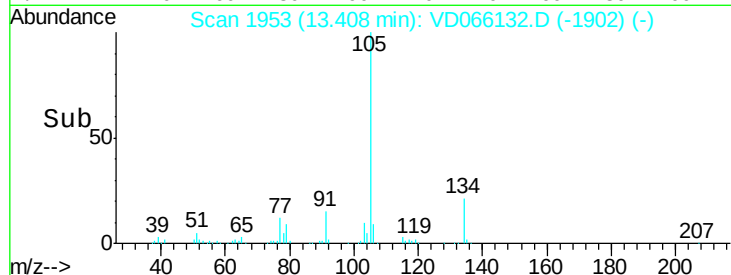
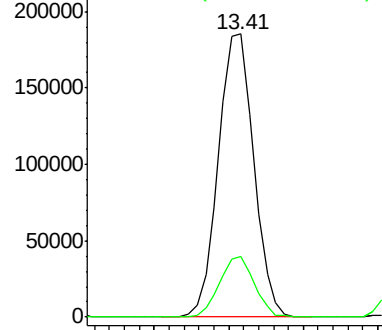
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.949 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

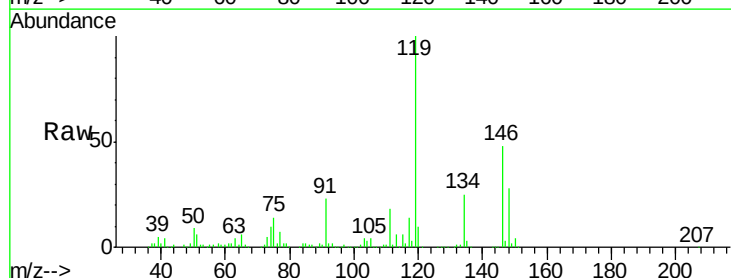
Tgt Ion:119 Resp: 288410

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

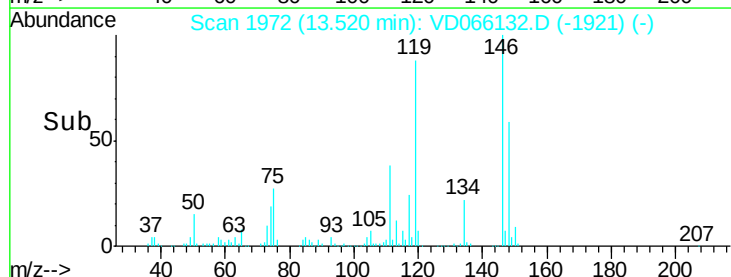
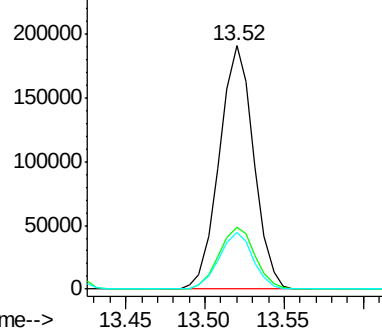
91 23.1 11.2 33.5

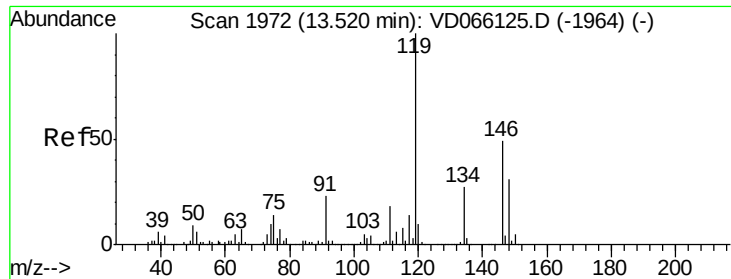


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

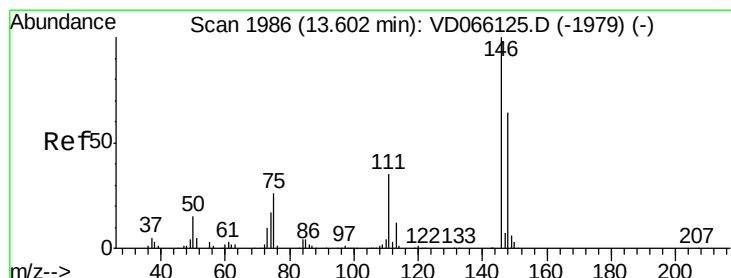
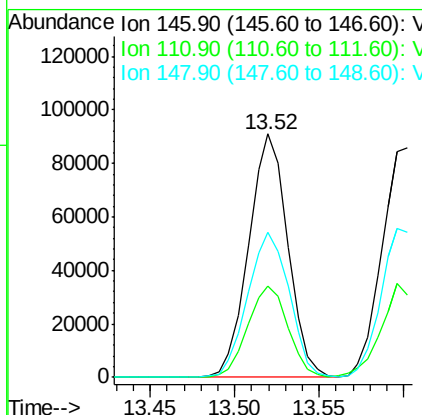
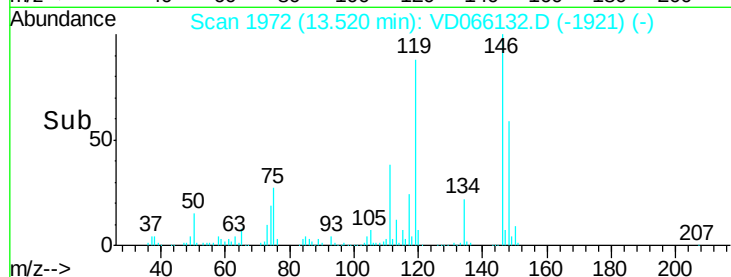
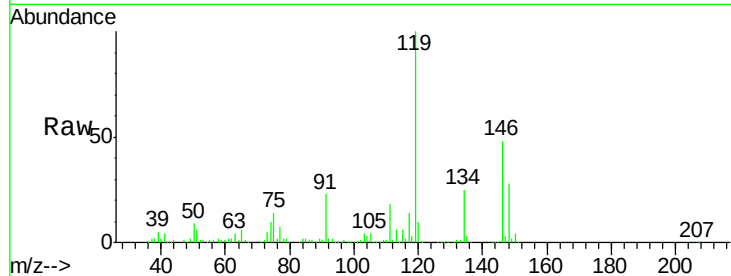




#87
 1,3-Dichlorobenzene
 Concen: 19.510 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

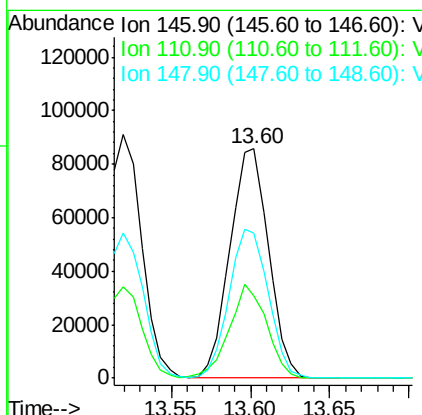
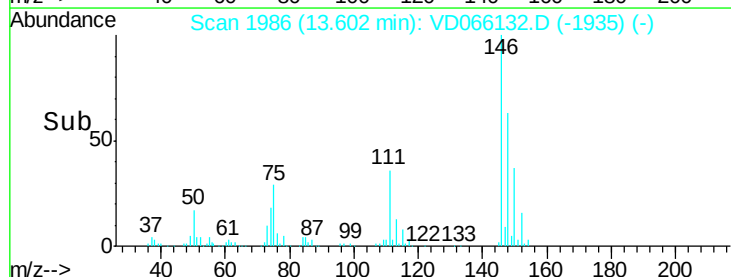
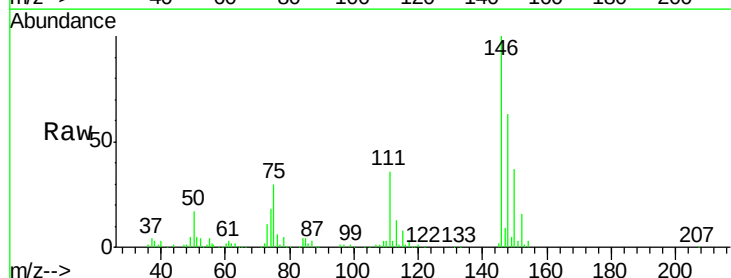
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

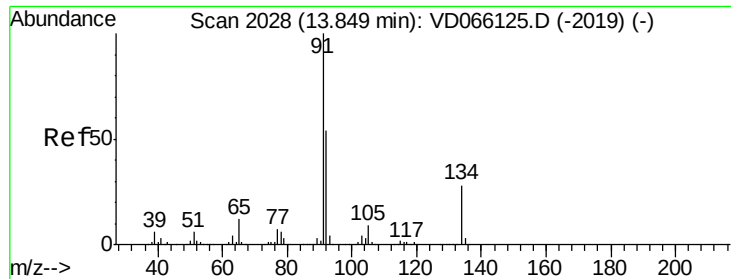
Tot Ion:146 Resp: 146519
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.421 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion:146 Resp: 145458
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.6 55.8
 148 65.7 32.4 97.0

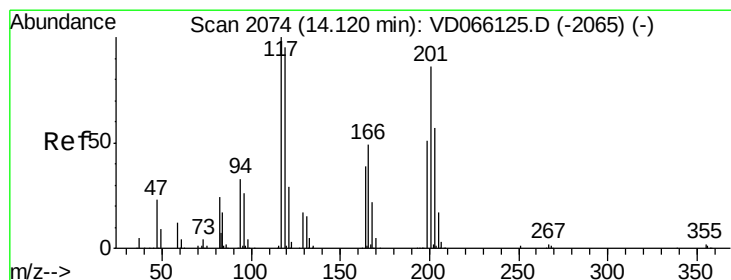
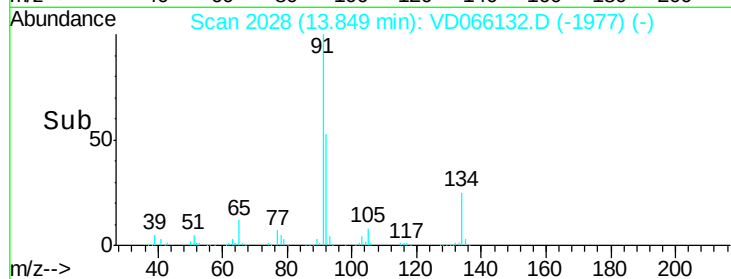
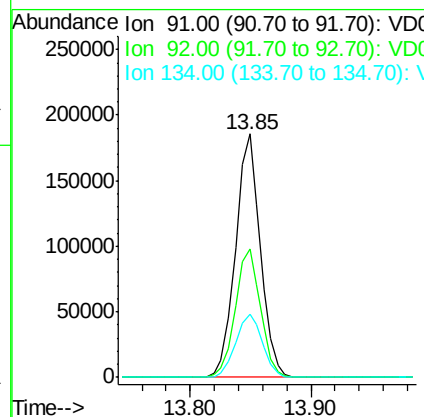
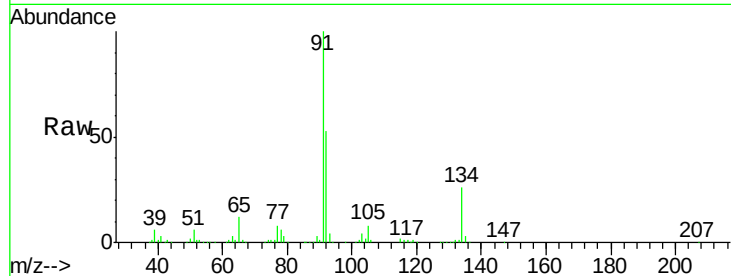




#89
n-Butylbenzene
Concen: 20.407 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

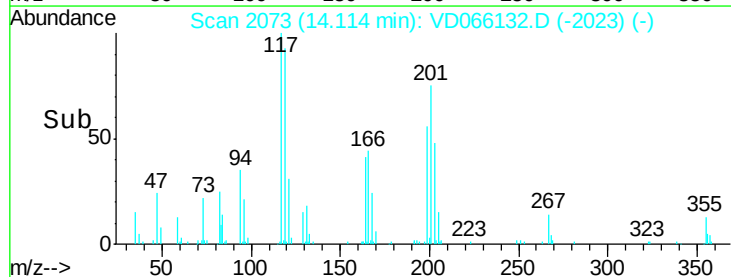
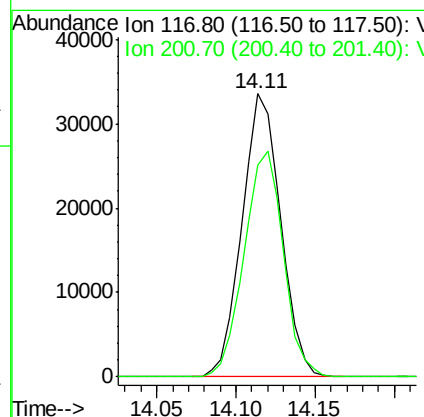
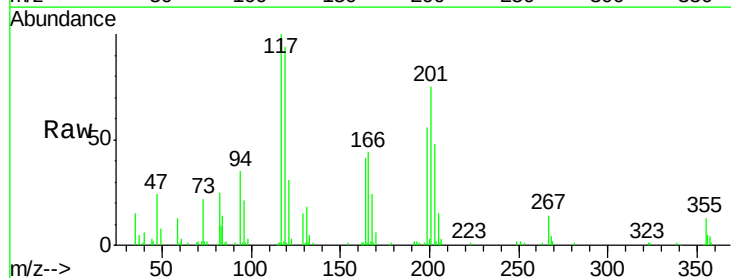
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

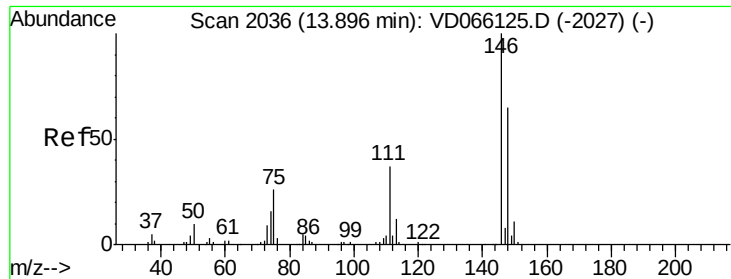
Tot Ion: 91 Resp: 264330
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 27.8 14.0 41.9



#90
Hexachloroethane
Concen: 19.718 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066132.D
Acq: 06 Aug 2020 14:07

Tgt Ion: 117 Resp: 56853
Ion Ratio Lower Upper
117 100
201 80.8 42.7 128.1

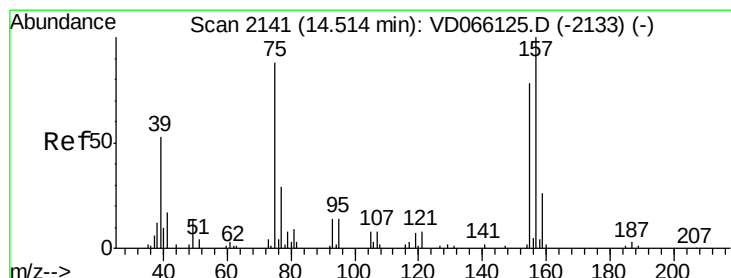
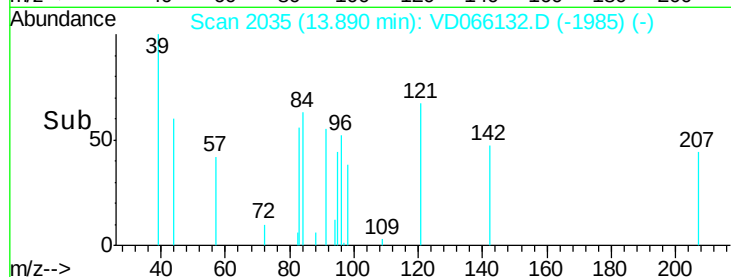
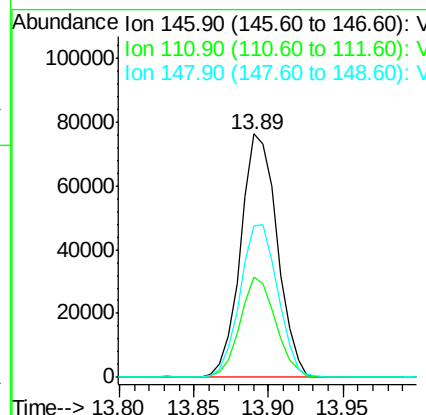
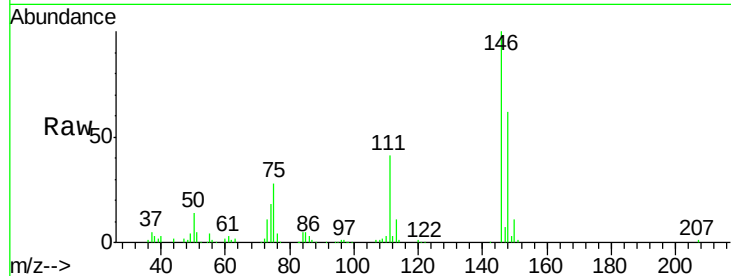




#91
 1,2-Dichlorobenzene
 Concen: 19.507 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

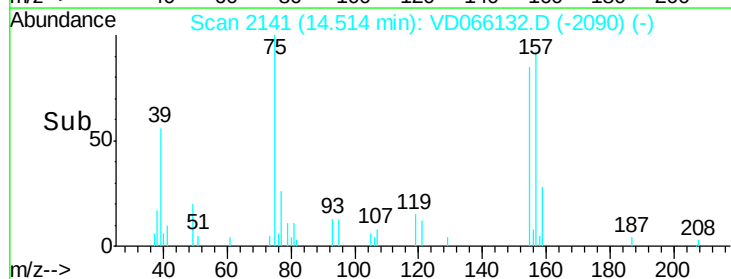
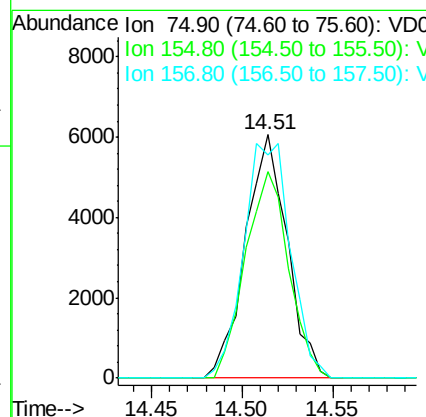
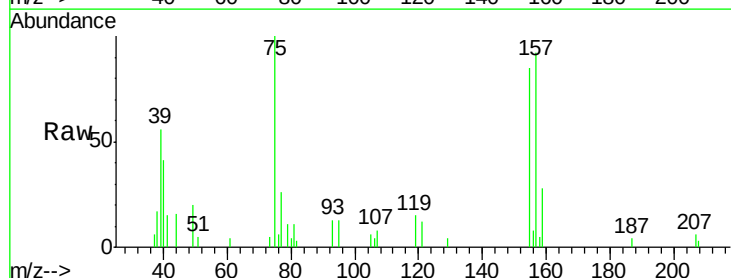
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

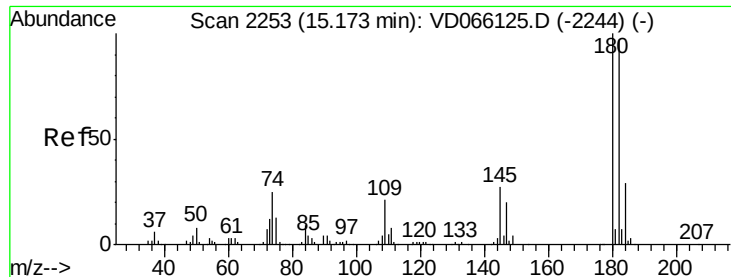
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	18.8	56.3
148	64.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.404 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	47.7	143.1
157	107.9	62.1	186.2

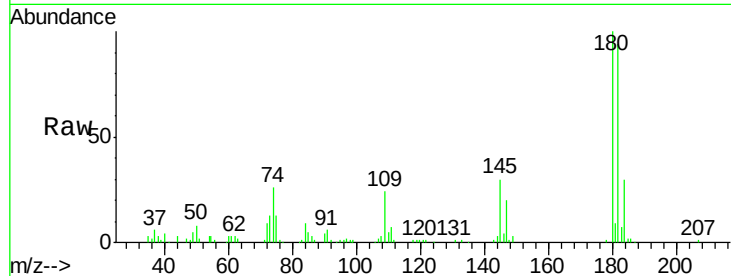




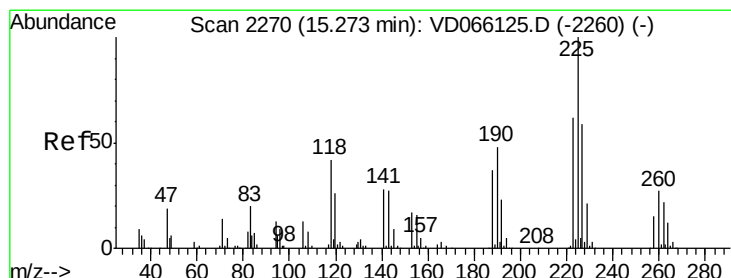
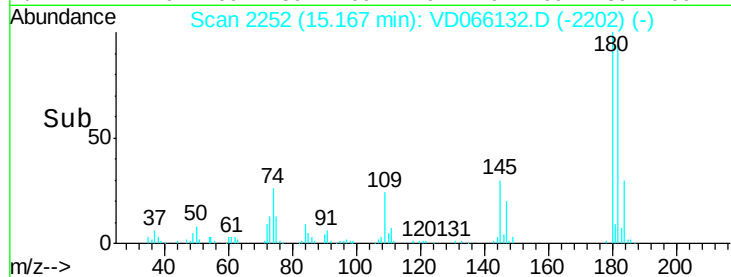
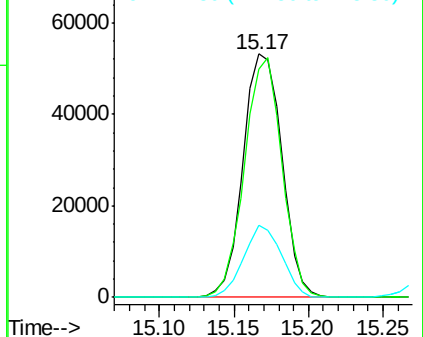
#93
 1,2,4-Trichlorobenzene
 Concen: 19.553 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Tot Ion:180 Resp: 95704
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 29.2 14.5 43.6

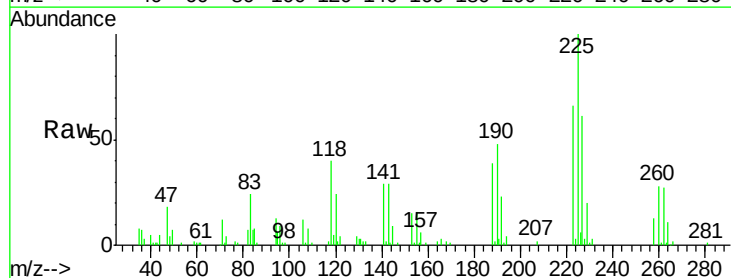


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

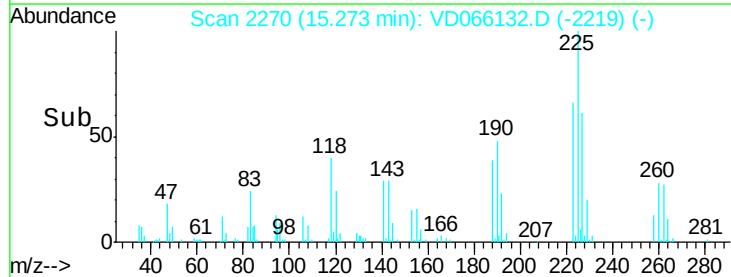
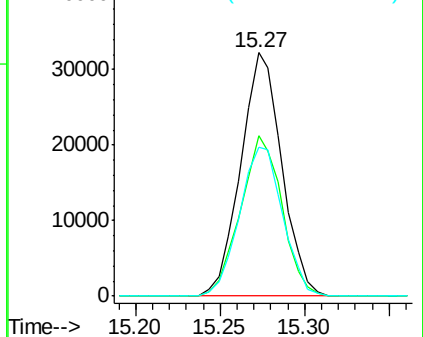


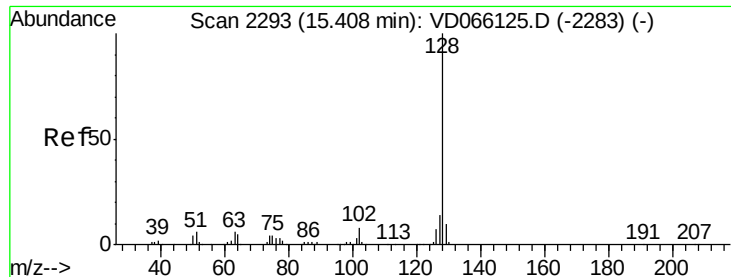
#94
 Hexachlorobutadiene
 Concen: 18.893 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066132.D
 Acq: 06 Aug 2020 14:07

Tgt Ion:225 Resp: 54455
 Ion Ratio Lower Upper
 225 100
 223 66.3 32.3 96.9
 227 64.5 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.780 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

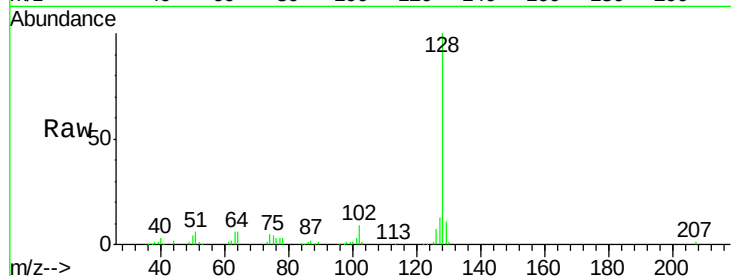
Tot Ion:128 Resp: 157749

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

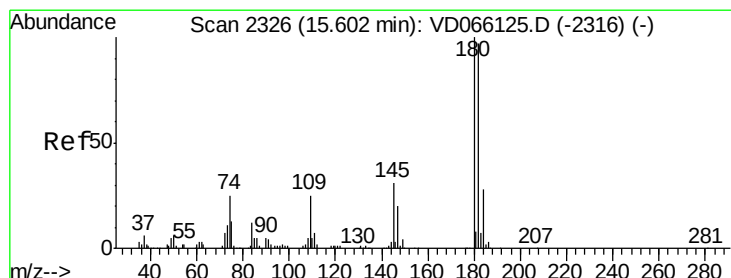
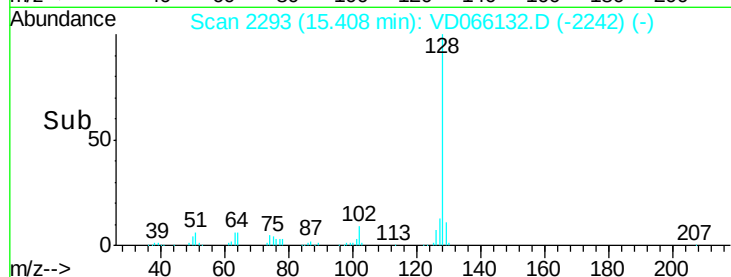
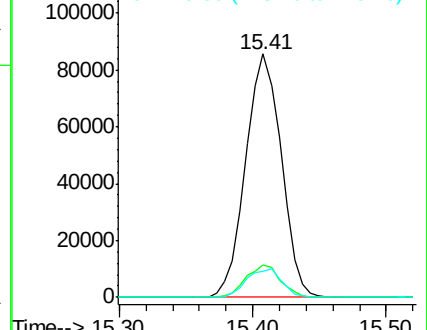
129 11.6 8.8 13.2



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: 18.663 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066132.D

Acq: 06 Aug 2020 14:07

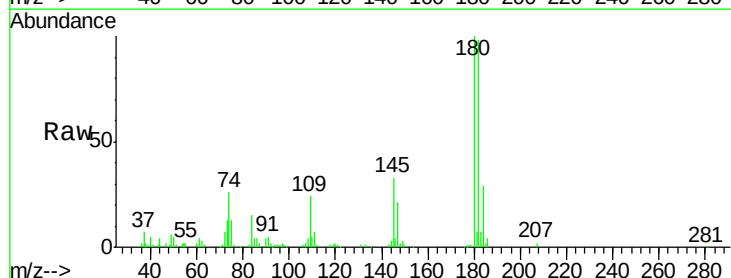
Tgt Ion:180 Resp: 80638

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.4

145 33.3 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

