

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
 Data File : VD066273.D
 Acq On : 18 Aug 2020 13:05
 Operator : VA/SY
 Sample : VD0818SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

Quant Time: Aug 18 13:47:58 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	264908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	379560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	346265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	183226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	124045	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.91	113	125087	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.34	98	453970	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.63	95	164528	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	48571	20.811	ug/l	99
3) Chloromethane	2.21	50	33918	18.682	ug/l	91
4) Vinyl Chloride	2.35	62	35537	22.109	ug/l	96
5) Bromomethane	2.76	94	22561	21.156	ug/l	95
6) Chloroethane	2.91	64	20295	20.569	ug/l #	89
7) Trichlorofluoromethane	3.27	101	87724	20.934	ug/l	95
8) Diethyl Ether	3.70	74	22429	18.969	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	50776	20.417	ug/l	98
10) Methyl Iodide	4.30	142	41419	22.549	ug/l	96
11) Tert butyl alcohol	5.19	59	10038	22.277	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	45533	19.408	ug/l	94
13) Acrolein	3.92	56	11604	61.684	ug/l	94
14) Allyl chloride	4.71	41	64335	18.101	ug/l	95
15) Acrylonitrile	5.41	53	47424	95.180	ug/l	99
16) Acetone	4.16	43	48267	107.635	ug/l	98
17) Carbon Disulfide	4.41	76	132458	17.757	ug/l	98
18) Methyl Acetate	4.72	43	21846	19.179	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	101400	18.857	ug/l	98
20) Methylene Chloride	4.96	84	66299	23.248	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	51248	19.015	ug/l	90
22) Diisopropyl ether	6.36	45	134270	19.104	ug/l	94
23) Vinyl Acetate	6.30	43	375292	91.144	ug/l	100
24) 1,1-Dichloroethane	6.27	63	85636	19.688	ug/l	98
25) 2-Butanone	7.21	43	62675	95.025	ug/l	99
26) 2,2-Dichloropropane	7.20	77	83143	21.327	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	56033	19.822	ug/l	99
28) Bromochloromethane	7.54	49	31145	20.387	ug/l	94
29) Tetrahydrofuran	7.56	42	36428	89.144	ug/l	96
30) Chloroform	7.71	83	91776	20.094	ug/l	98
31) Cyclohexane	7.98	56	75319	18.191	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	88292	20.618	ug/l	98
36) 1,1-Dichloropropene	8.11	75	71254	19.978	ug/l	99
37) Ethyl Acetate	7.29	43	26772	18.945	ug/l	98
38) Carbon Tetrachloride	8.09	117	84031	21.127	ug/l	96

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 Sample : VD0818SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
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Quant Time: Aug 18 13:47:58 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	81672	18.942	ug/l	95
40) Benzene	8.34	78	192968	19.503	ug/l	96
41) Methacrylonitrile	7.56	41	39147	47.114	ug/l #	34
42) 1,2-Dichloroethane	8.42	62	61077	21.013	ug/l	100
43) Isopropyl Acetate	8.44	43	50840	18.259	ug/l	97
44) Trichloroethene	9.11	130	58787	19.717	ug/l	99
45) 1,2-Dichloropropane	9.38	63	47886	19.788	ug/l	93
46) Dibromomethane	9.47	93	27232	20.430	ug/l	97
47) Bromodichloromethane	9.66	83	71469	20.287	ug/l	96
48) Methyl methacrylate	9.46	41	26734	18.803	ug/l	95
49) 1,4-Dioxane	9.46	88	6787	396.323	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	134774	94.233	ug/l	100
52) Toluene	10.40	92	132517	20.354	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66289	19.827	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	79823	20.378	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	39043	20.342	ug/l	92
56) Ethyl methacrylate	10.66	69	44182	19.162	ug/l	95
57) 1,3-Dichloropropane	10.94	76	62733	19.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	110647	106.684	ug/l	98
59) 2-Hexanone	10.98	43	93424	93.075	ug/l	98
60) Dibromochloromethane	11.14	129	54393	20.527	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35416	19.187	ug/l	95
64) Tetrachloroethene	10.87	164	54613	20.539	ug/l	97
65) Chlorobenzene	11.67	112	142239	20.235	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56119	20.404	ug/l	98
67) Ethyl Benzene	11.74	91	242320	19.893	ug/l	100
68) m/p-Xylenes	11.86	106	189956	40.249	ug/l	94
69) o-Xylene	12.18	106	87208	20.313	ug/l	99
70) Styrene	12.19	104	157491	20.932	ug/l	99
71) Bromoform	12.36	173	33377	20.483	ug/l #	100
73) Isopropylbenzene	12.48	105	247208	20.212	ug/l	99
74) N-amyl acetate	12.29	43	48528	18.018	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	40521	19.429	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	54151	35.440	ug/l #	100
77) Bromobenzene	12.76	156	63437	20.149	ug/l	99
78) n-propylbenzene	12.82	91	287537	20.224	ug/l	100
79) 2-Chlorotoluene	12.91	91	164695	20.254	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	208989	20.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13348	19.311	ug/l	97
82) 4-Chlorotoluene	13.00	91	176334	20.542	ug/l	99
83) tert-Butylbenzene	13.23	119	175789	19.542	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	210247	20.539	ug/l	98
85) sec-Butylbenzene	13.40	105	253140	20.843	ug/l	99
86) p-Isopropyltoluene	13.52	119	234799	20.613	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	118535	20.032	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	119311	20.218	ug/l	99
89) n-Butylbenzene	13.85	91	207696	20.351	ug/l	99
90) Hexachloroethane	14.11	117	45742	20.134	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	105797	20.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7121	19.867	ug/l	97

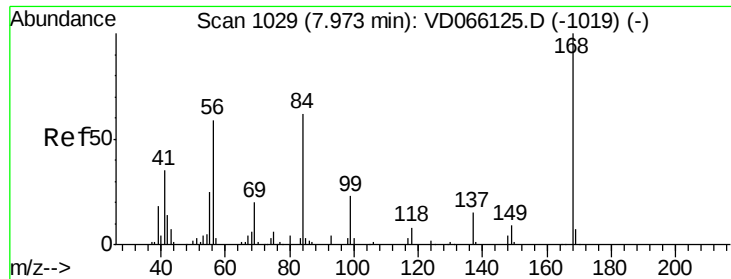
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
Data File : VD066273.D
Acq On : 18 Aug 2020 13:05
Operator : VA/SY
Sample : VD0818SBS01
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Instrument :
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Quant Time: Aug 18 13:47:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	74017	19.193	ug/l	98
94) Hexachlorobutadiene	15.27	225	45705	20.126	ug/l	99
95) Naphthalene	15.41	128	117013	18.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	66409	19.507	ug/l	99

(#) = 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: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

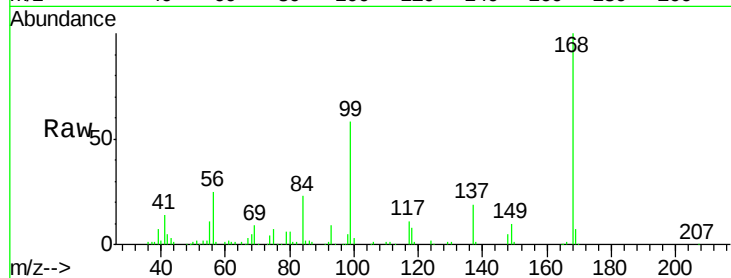
VD0818SBS01

Tgt Ion:168 Resp: 264908

Ion Ratio Lower Upper

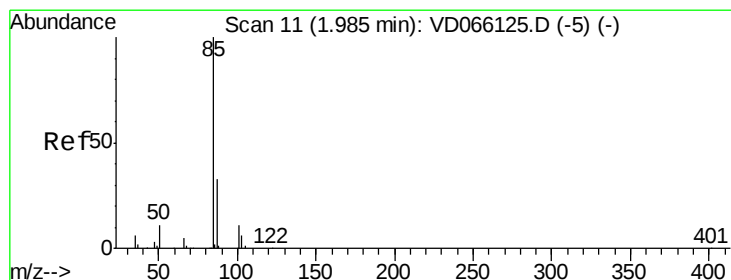
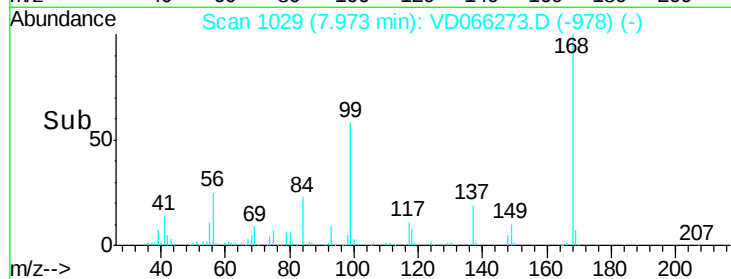
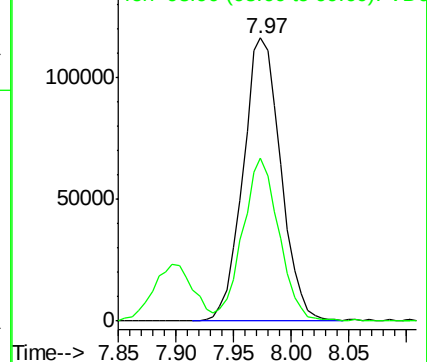
168 100

99 57.3 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: 20.811 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066273.D

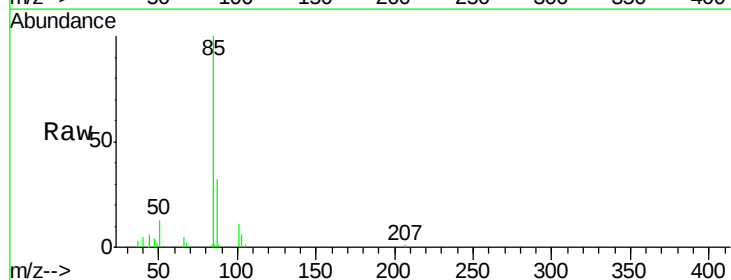
Acq: 18 Aug 2020 13:05

Tgt Ion: 85 Resp: 48571

Ion Ratio Lower Upper

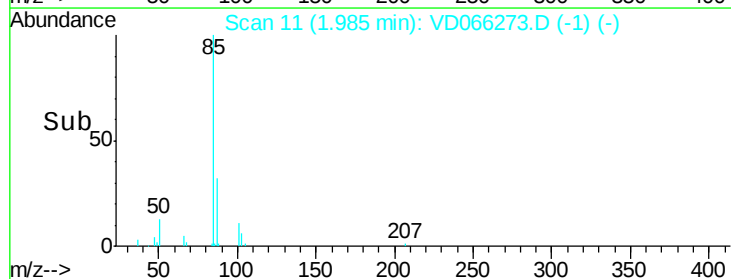
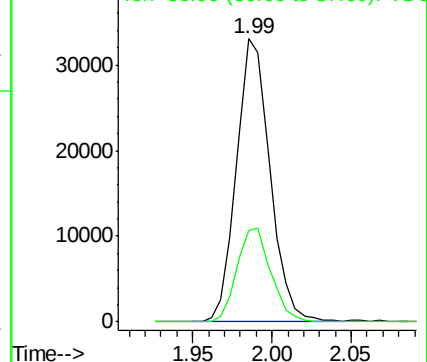
85 100

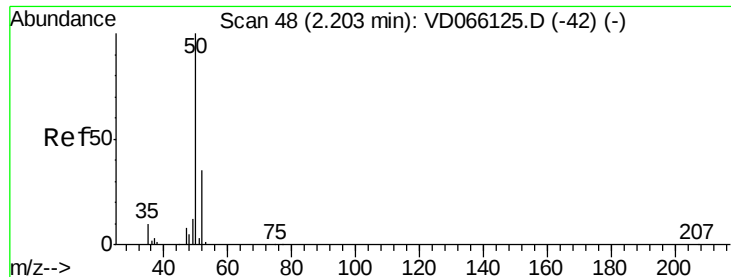
87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.682 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

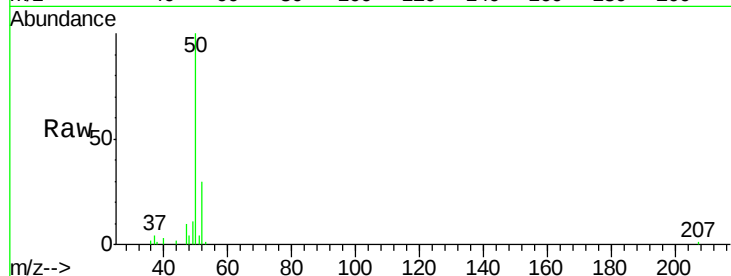
VD0818SBS01

Tgt Ion: 50 Resp: 33918

Ion Ratio Lower Upper

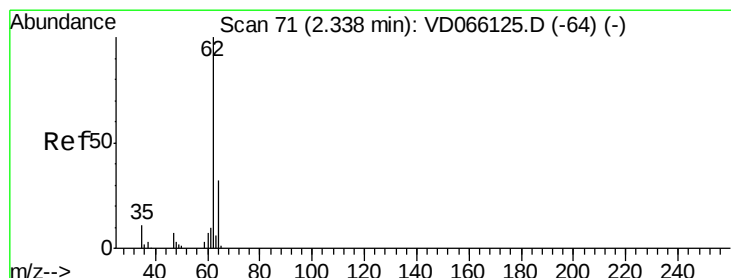
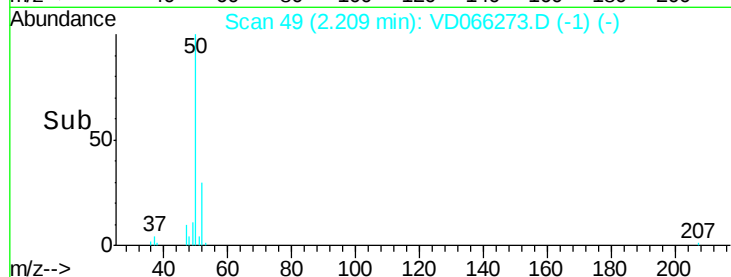
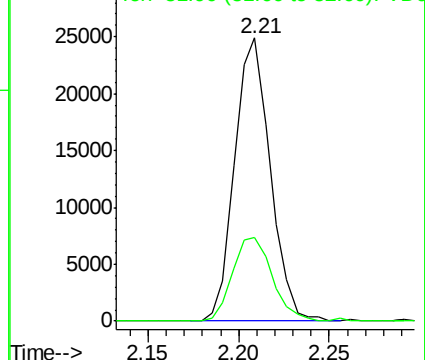
50 100

52 29.6 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: 22.109 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066273.D

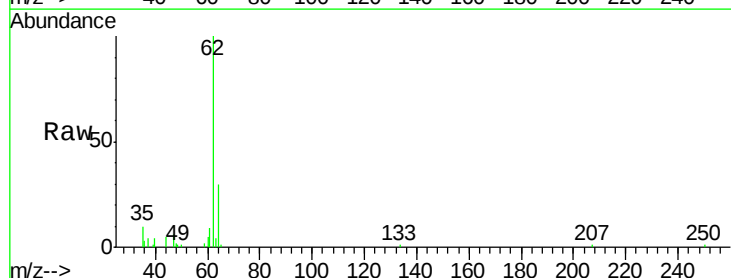
Acq: 18 Aug 2020 13:05

Tgt Ion: 62 Resp: 35537

Ion Ratio Lower Upper

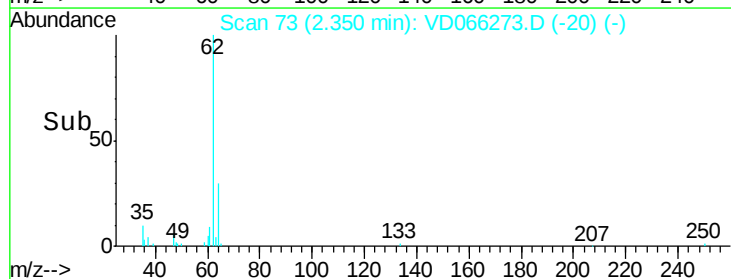
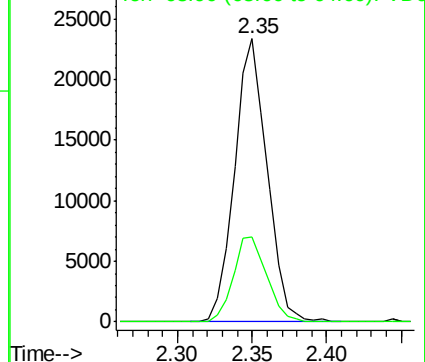
62 100

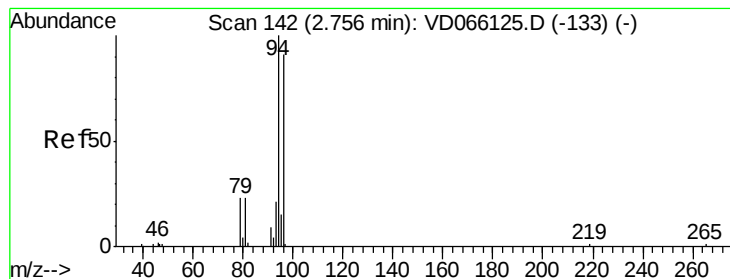
64 30.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.156 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

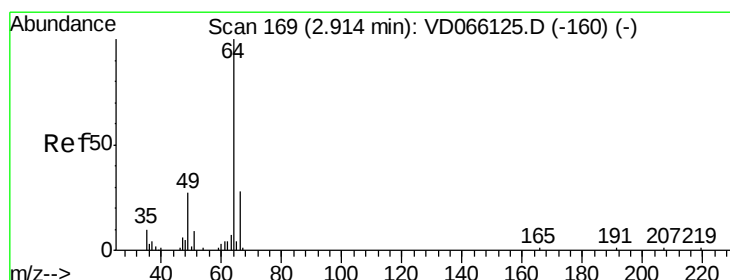
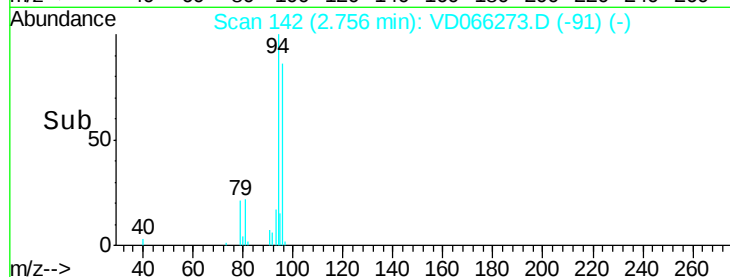
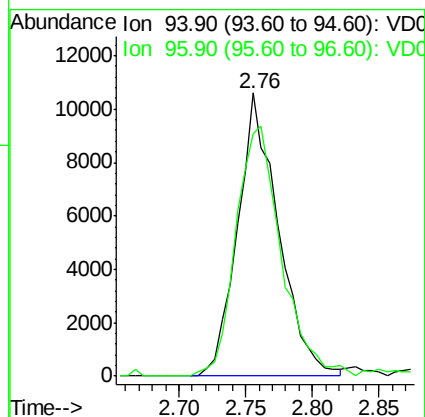
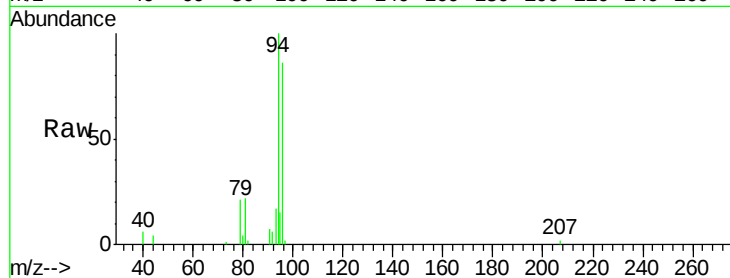
VD0818SBS01

Tgt Ion: 94 Resp: 22561

Ion Ratio Lower Upper

94 100

96 85.7 72.6 109.0



#6

Chloroethane

Concen: 20.569 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066273.D

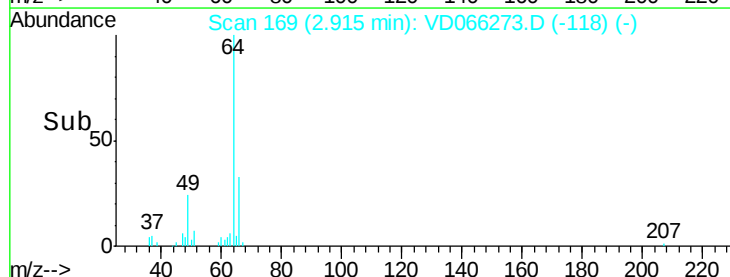
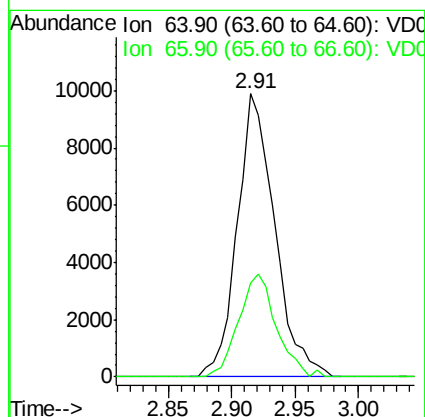
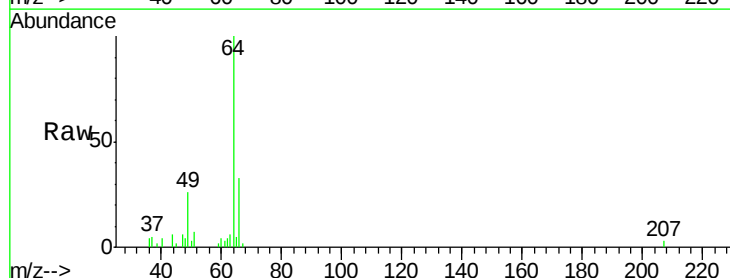
Acq: 18 Aug 2020 13:05

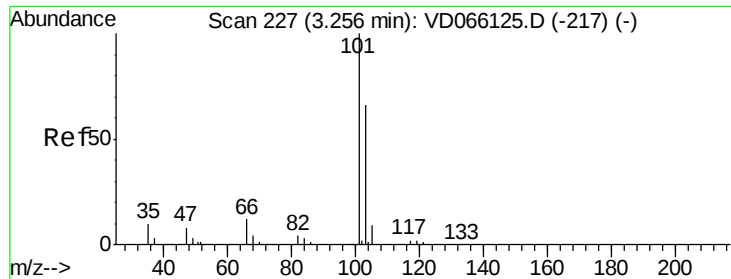
Tgt Ion: 64 Resp: 20295

Ion Ratio Lower Upper

64 100

66 33.1 22.0 33.0#



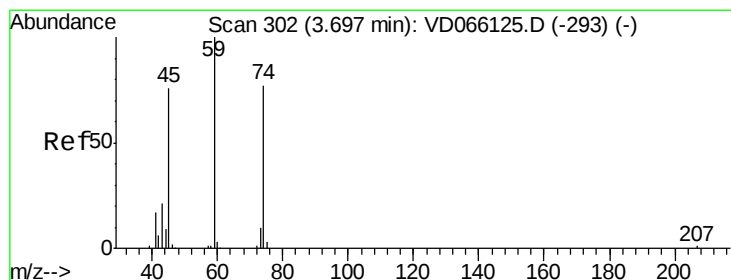
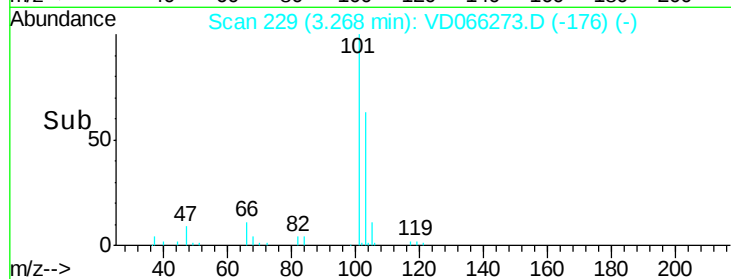
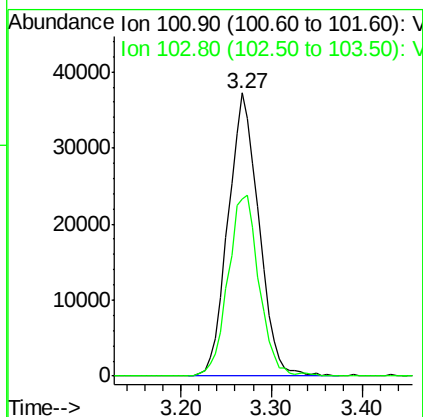
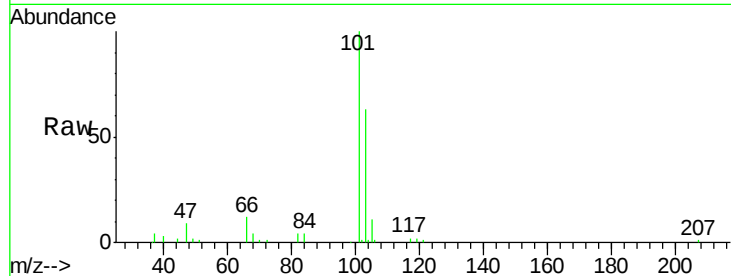


#7

Trichlorofluoromethane
Concen: 20.934 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

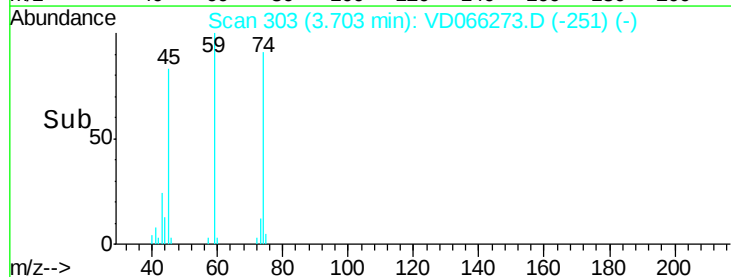
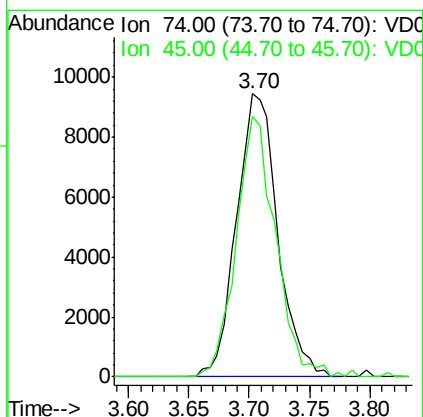
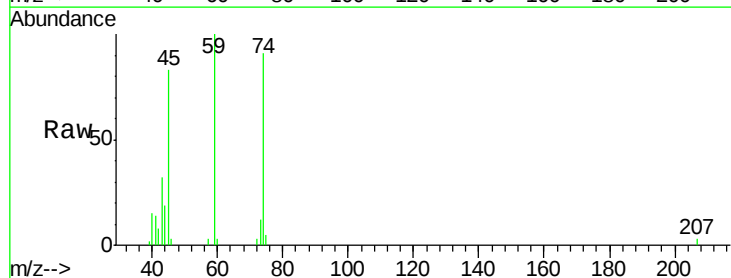
Tgt Ion:101 Resp: 87724
Ion Ratio Lower Upper
101 100
103 62.6 53.0 79.6

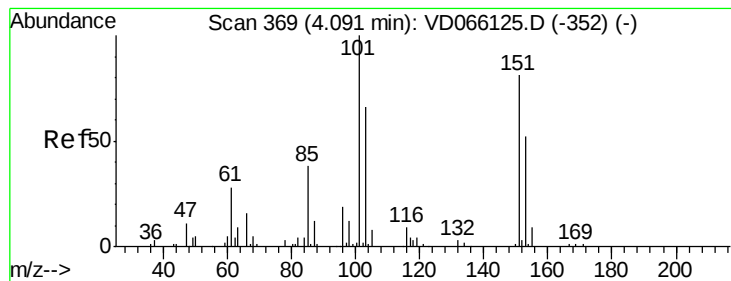


#8

Diethyl Ether
Concen: 18.969 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 74 Resp: 22429
Ion Ratio Lower Upper
74 100
45 88.1 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.417 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

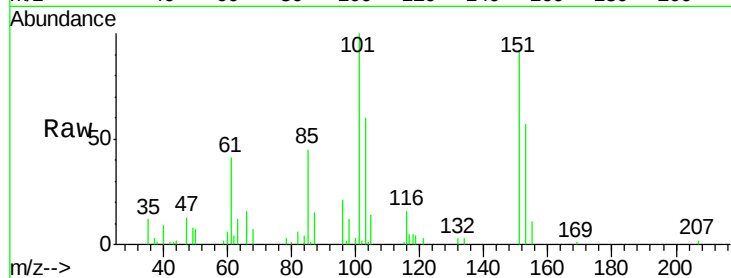
Tgt Ion:101 Resp: 50776

Ion Ratio Lower Upper

101 100

85 45.1 33.5 50.3

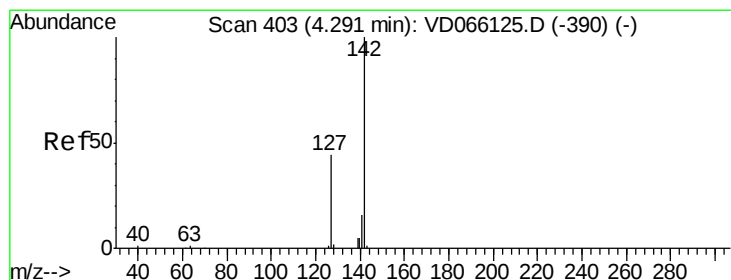
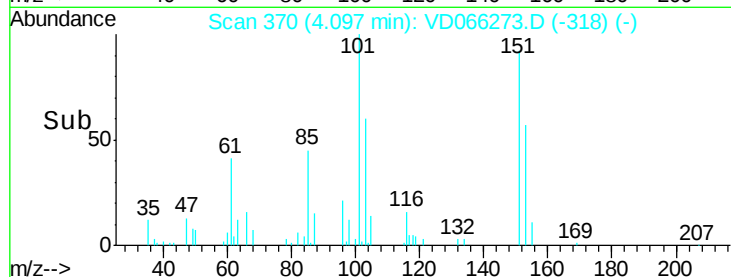
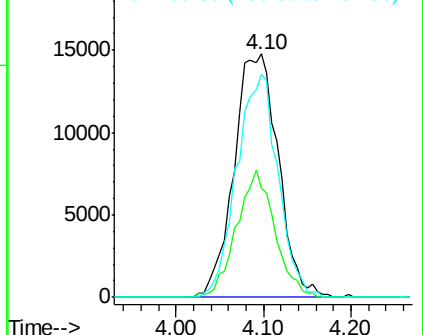
151 85.8 67.8 101.8



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: 22.549 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

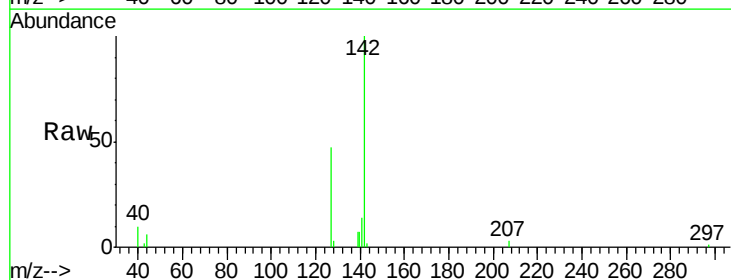
Tgt Ion:142 Resp: 41419

Ion Ratio Lower Upper

142 100

127 48.2 36.2 54.4

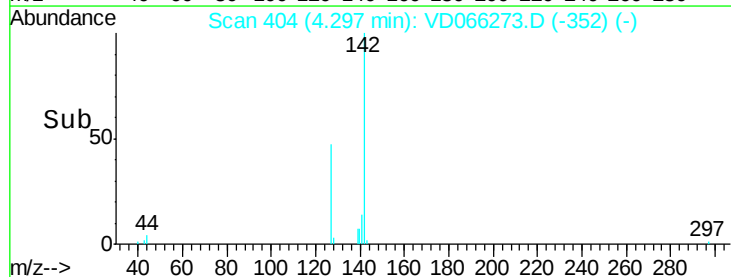
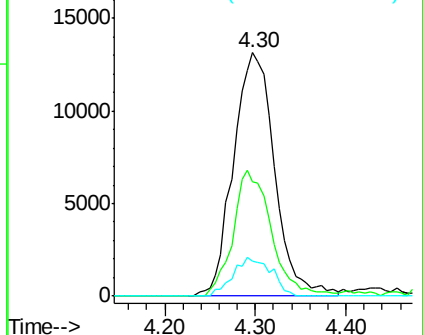
141 14.8 12.6 18.8

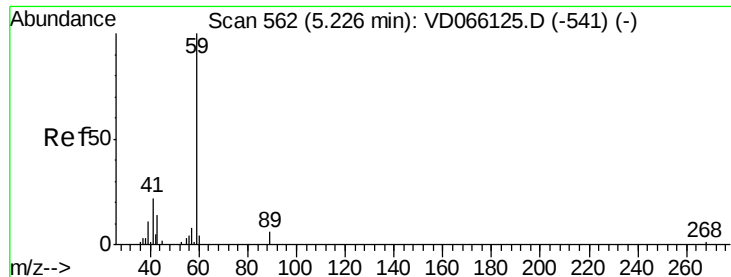


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



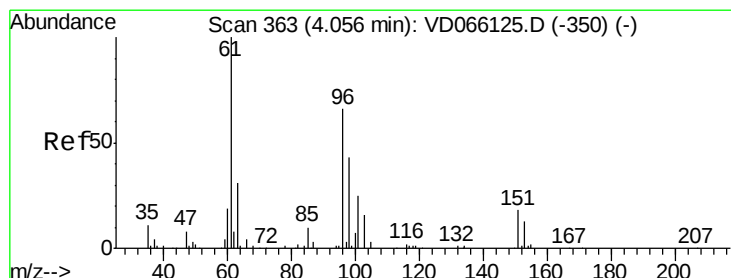
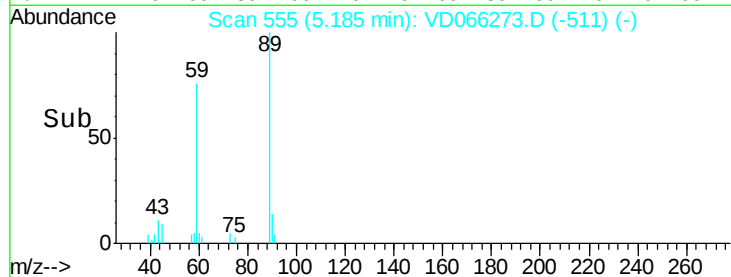
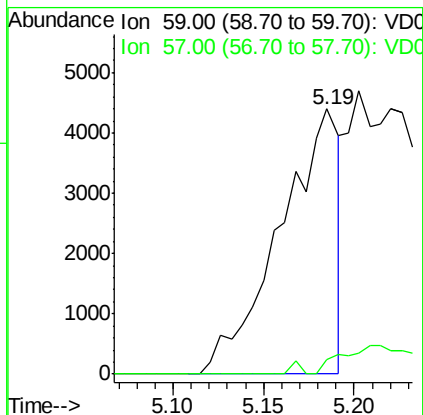
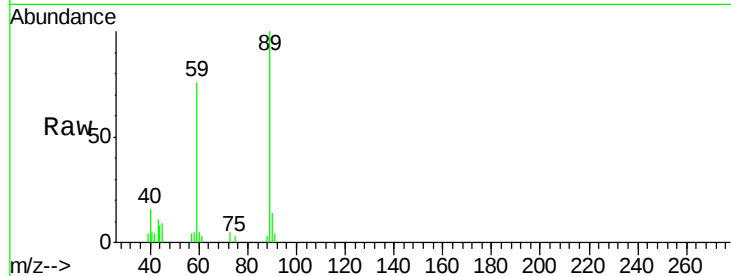


#11

Tert butyl alcohol
 Concen: 22.277 ug/l
 RT: 5.19 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

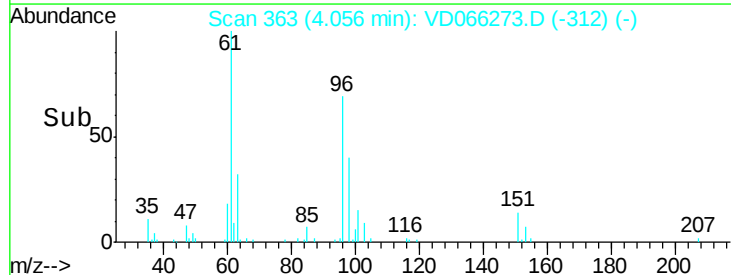
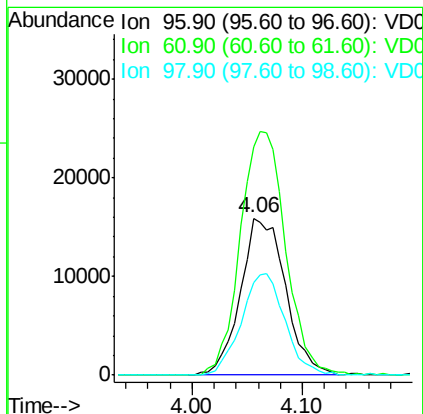
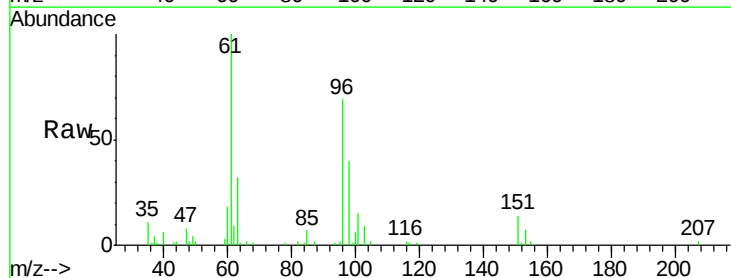
Tgt Ion: 59 Resp: 10038
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

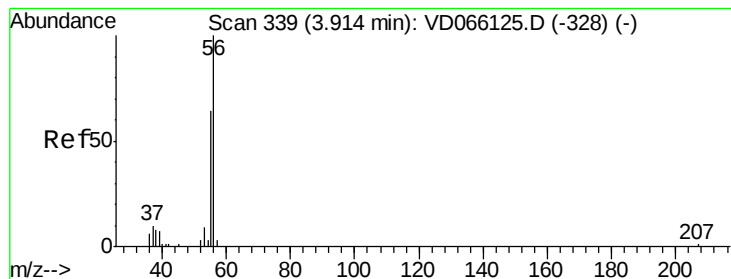


#12

1,1-Dichloroethene
 Concen: 19.408 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 96 Resp: 45533
 Ion Ratio Lower Upper
 96 100
 61 145.2 121.6 182.4
 98 58.6 52.0 78.0





#13

Acrolein

Concen: 61.684 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

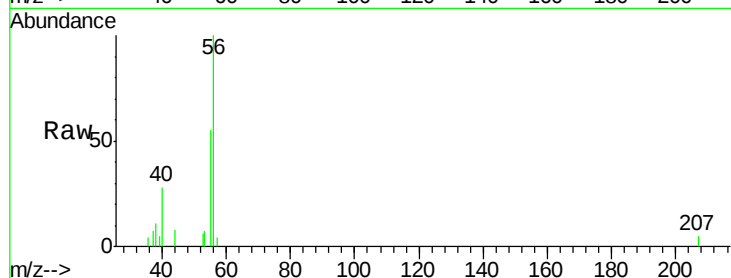
VD0818SBS01

Tgt Ion: 56 Resp: 11604

Ion Ratio Lower Upper

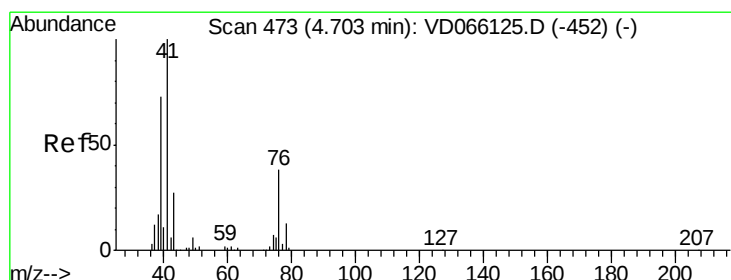
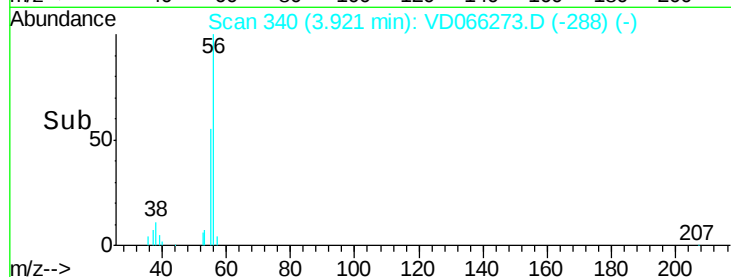
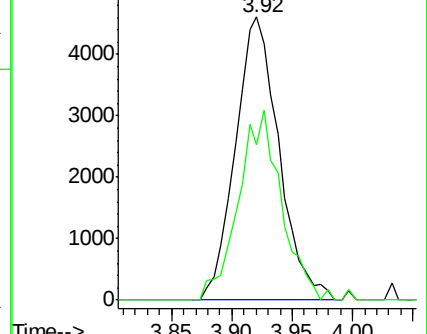
56 100

55 65.6 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.101 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

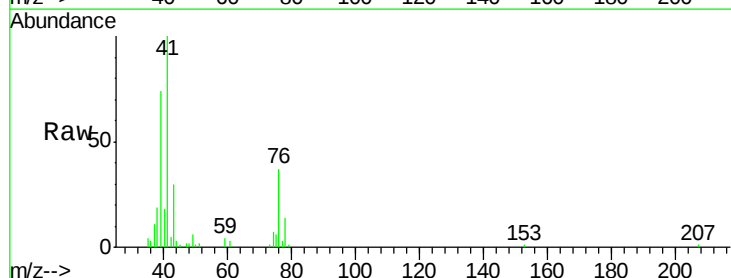
Tgt Ion: 41 Resp: 64335

Ion Ratio Lower Upper

41 100

39 77.2 57.4 86.0

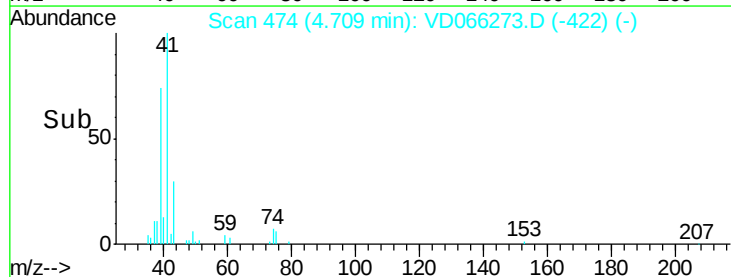
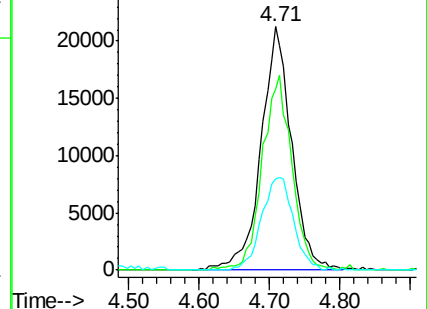
76 39.4 30.1 45.1

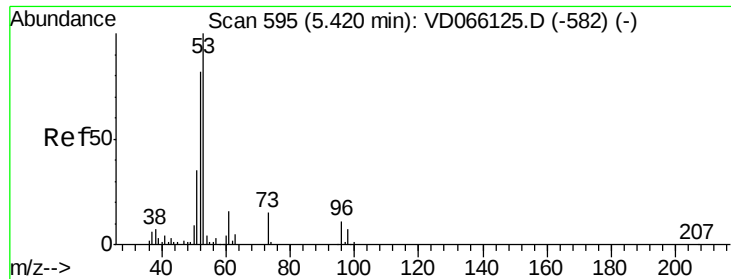


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 95.180 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

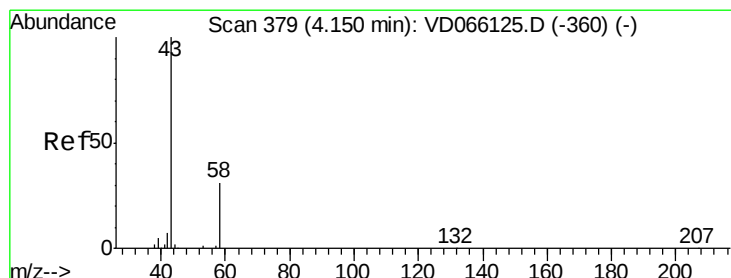
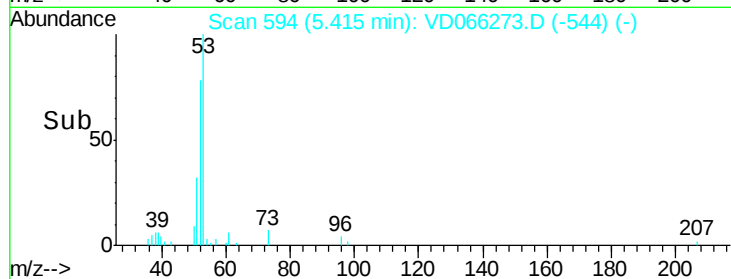
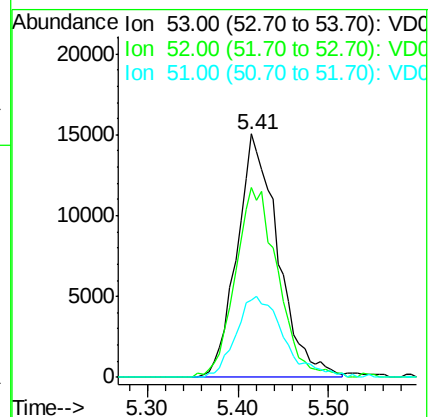
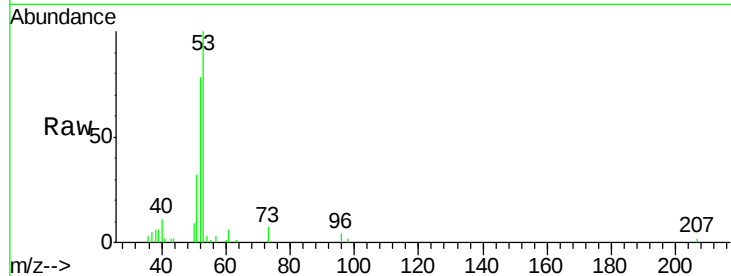
Tgt Ion: 53 Resp: 47424

Ion Ratio Lower Upper

53 100

52 80.9 66.1 99.1

51 38.7 30.8 46.2



#16

Acetone

Concen: 107.635 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066273.D

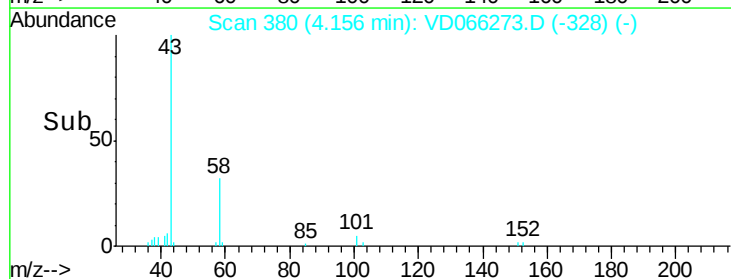
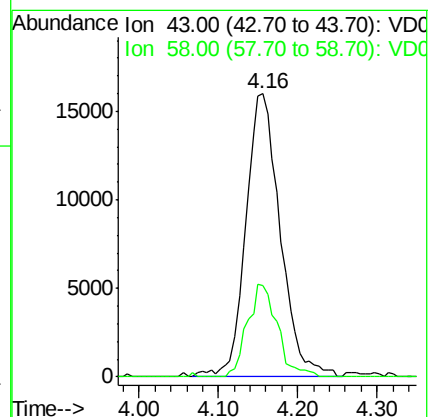
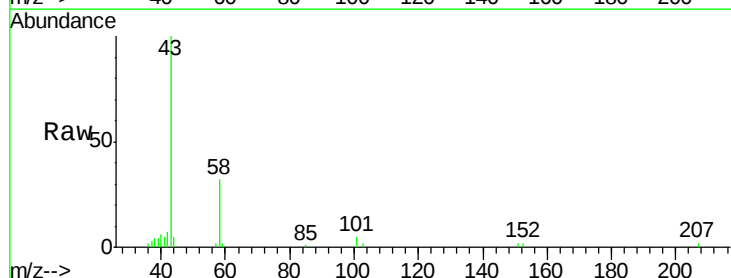
Acq: 18 Aug 2020 13:05

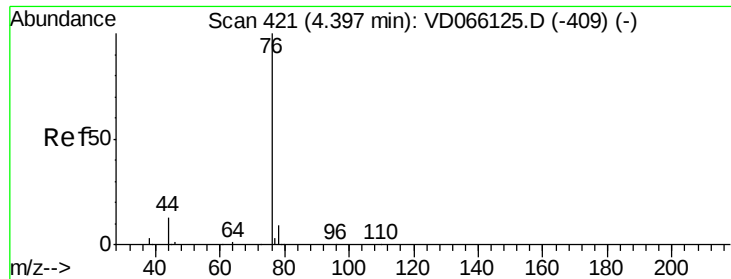
Tgt Ion: 43 Resp: 48267

Ion Ratio Lower Upper

43 100

58 32.2 24.7 37.1

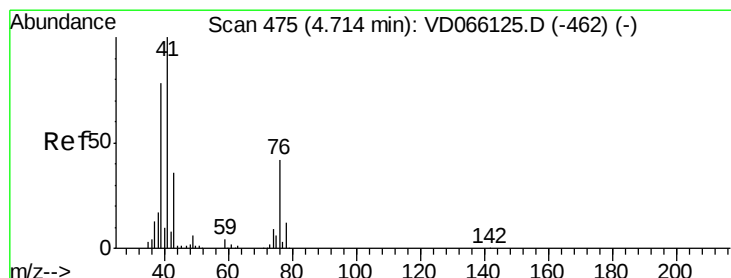
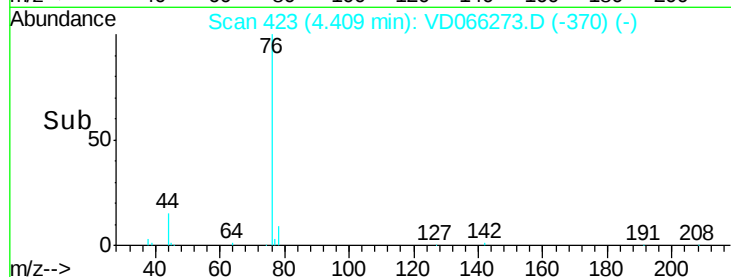
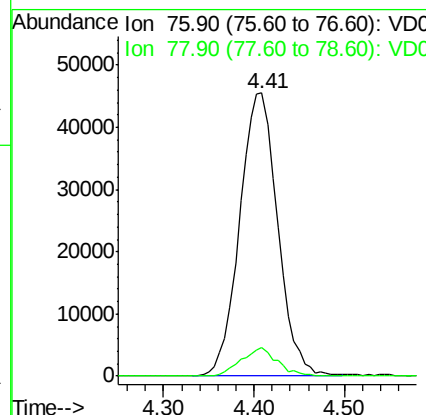
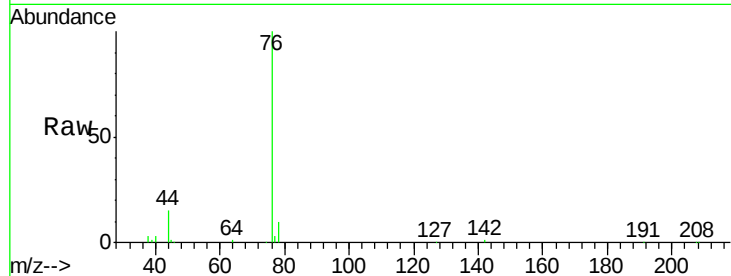




#17
Carbon Disulfide
Concen: 17.757 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

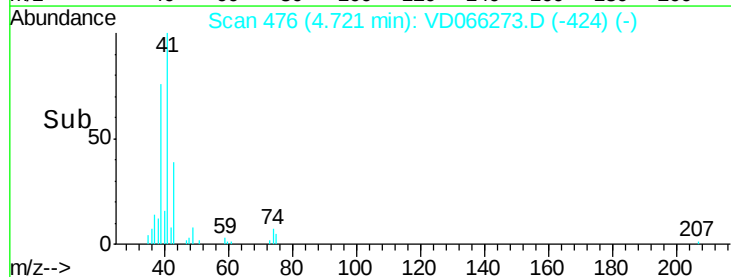
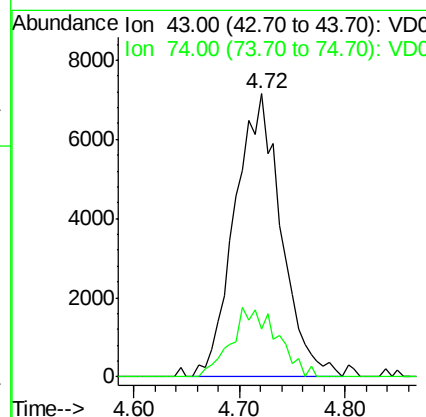
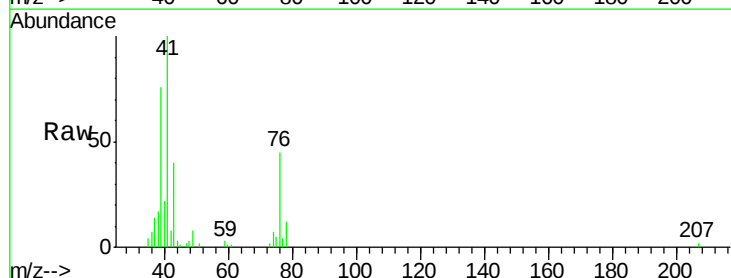
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

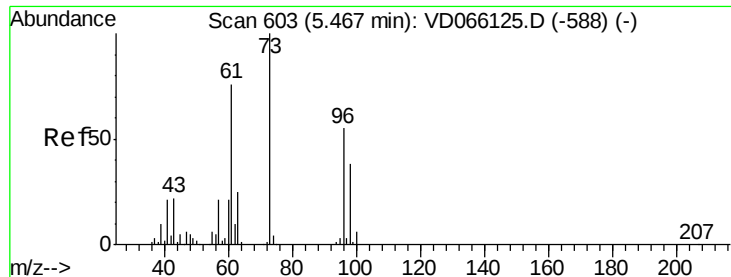
Tgt Ion: 76 Resp: 132458
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#18
Methyl Acetate
Concen: 19.179 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 43 Resp: 21846
Ion Ratio Lower Upper
43 100
74 24.2 21.2 31.8



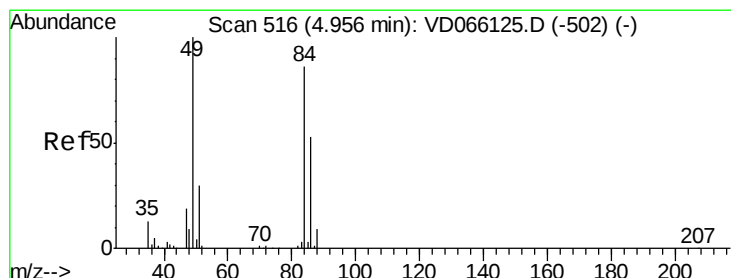
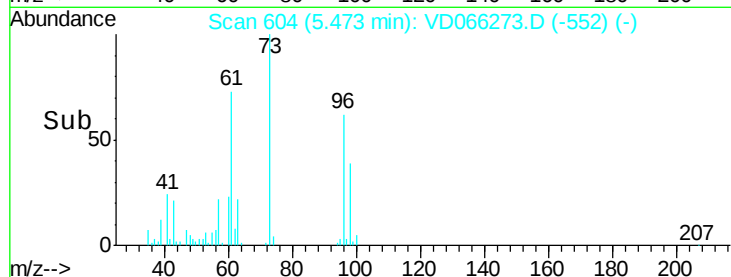
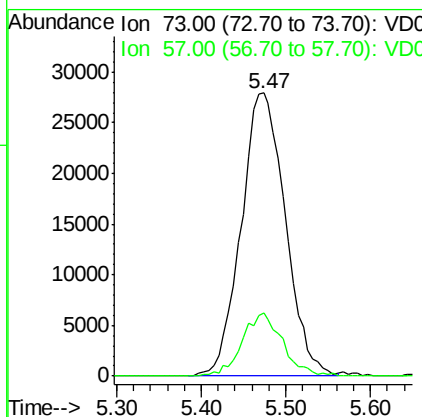
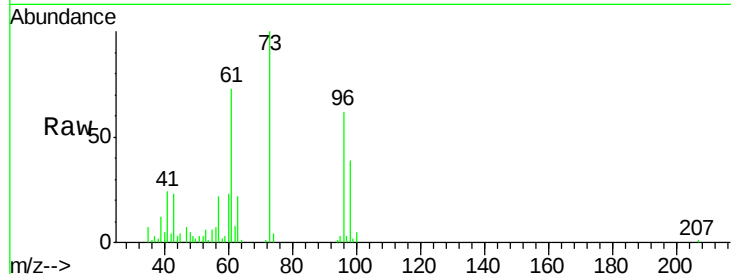


#19

Methyl tert-butyl Ether
 Concen: 18.857 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

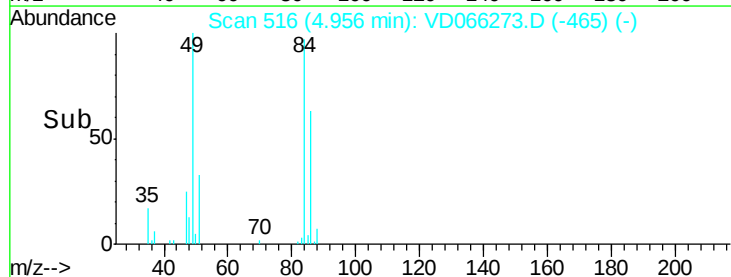
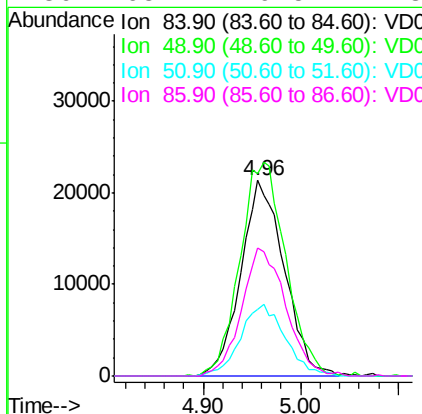
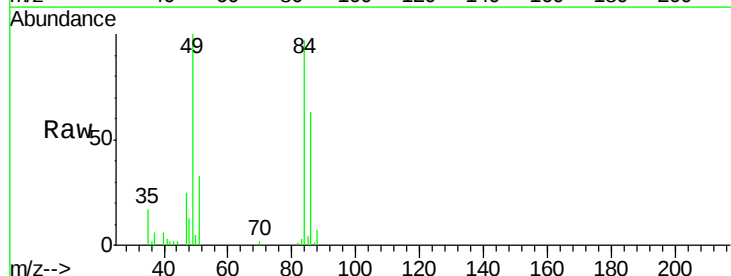
Tgt Ion: 73 Resp: 101400
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.1 25.7

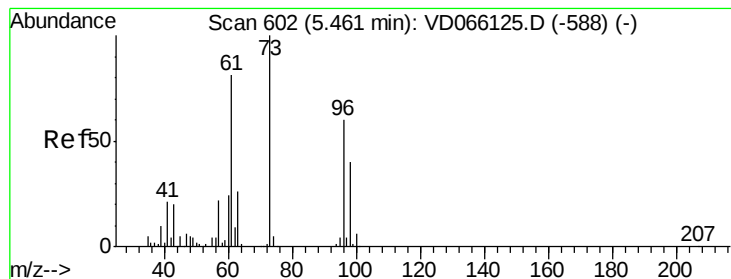


#20

Methylene Chloride
 Concen: 23.248 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 84 Resp: 66299
 Ion Ratio Lower Upper
 84 100
 49 102.8 93.5 140.3
 51 33.9 28.2 42.4
 86 65.4 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 19.015 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

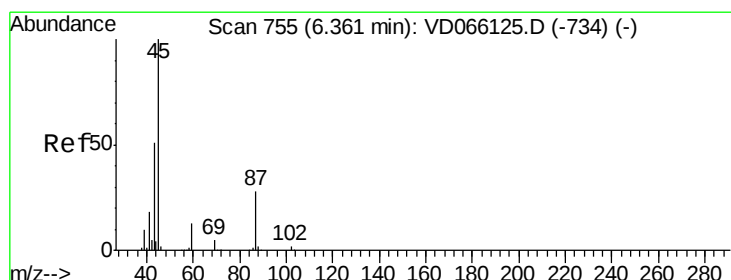
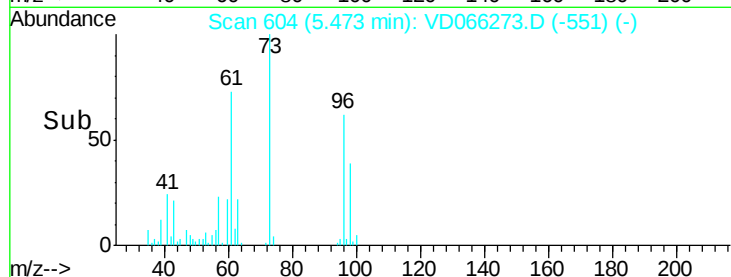
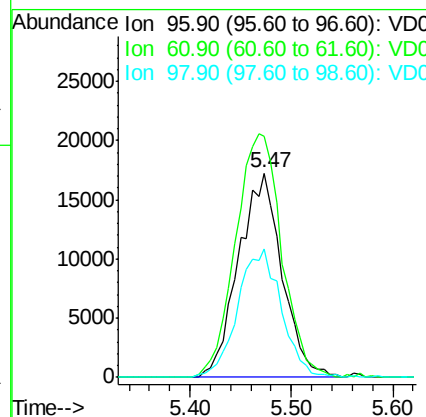
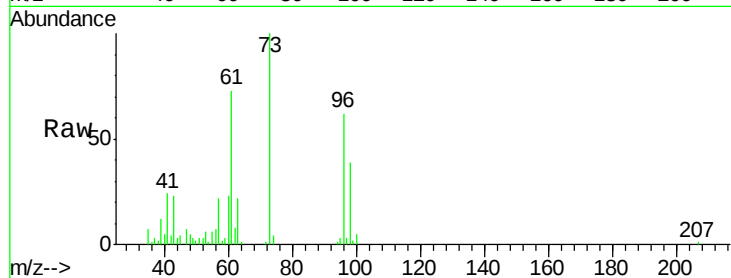
Tgt Ion: 96 Resp: 51248

Ion Ratio Lower Upper

96 100

61 118.0 106.9 160.3

98 62.6 53.4 80.0



#22

Diisopropyl ether

Concen: 19.104 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Tgt Ion: 45 Resp: 134270

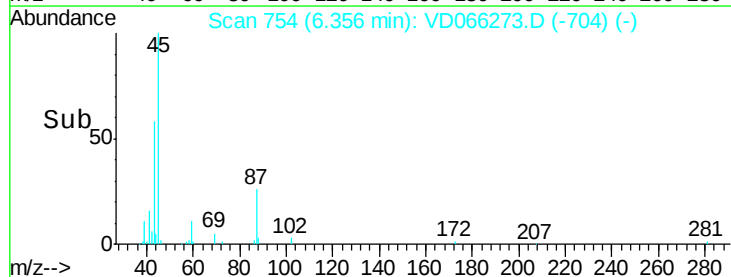
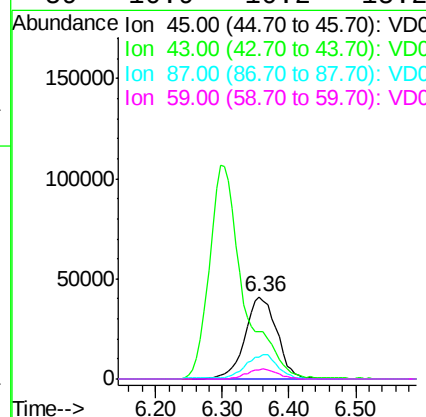
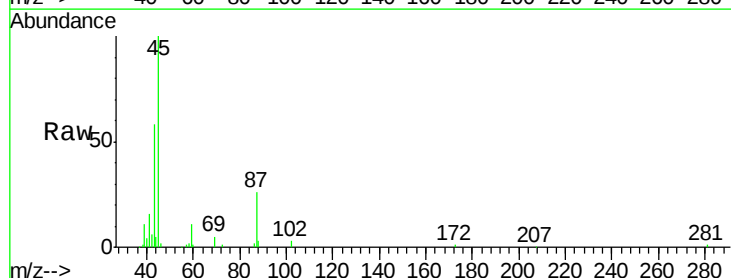
Ion Ratio Lower Upper

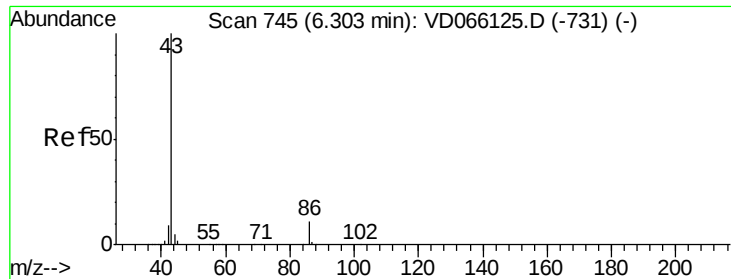
45 100

43 56.0 41.2 61.8

87 26.2 22.8 34.2

59 10.9 10.2 15.2

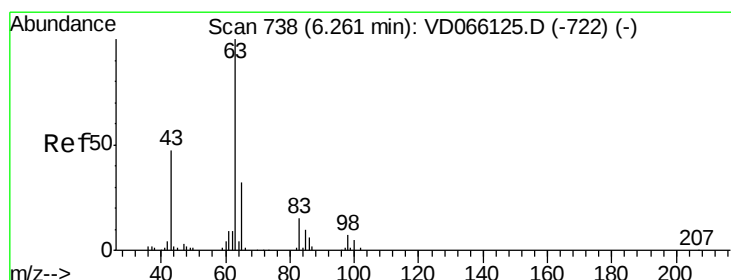
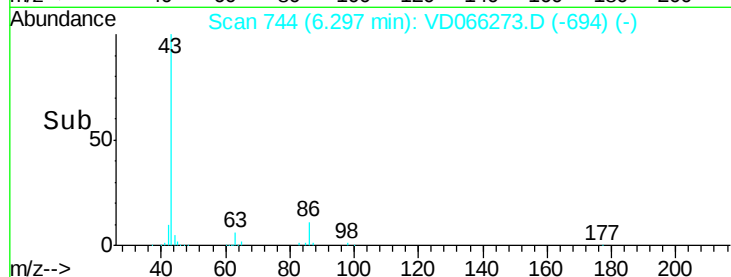
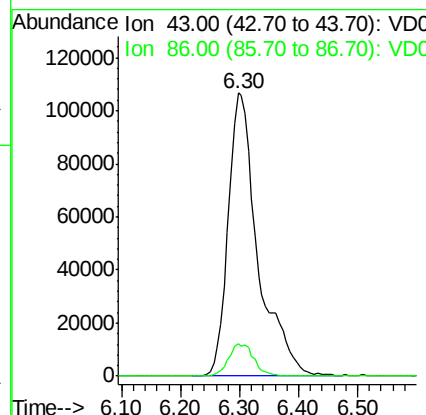
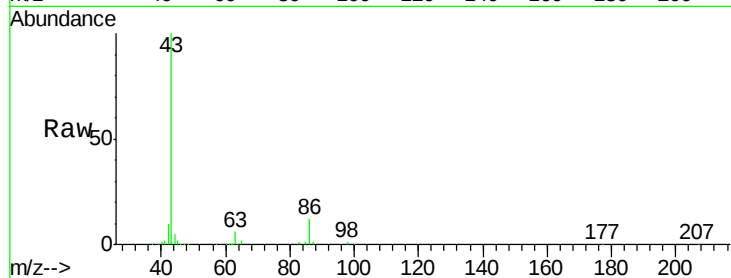




#23
 Vinyl Acetate
 Concen: 91.144 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

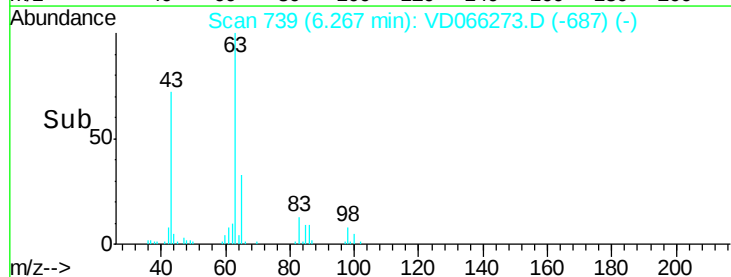
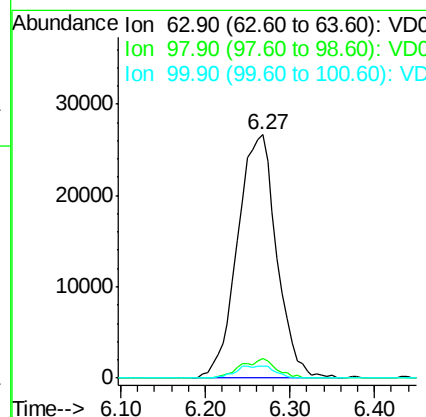
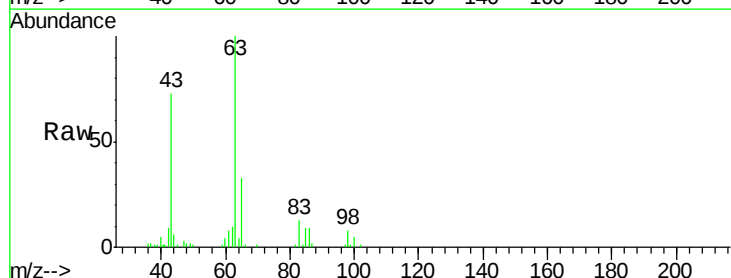
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

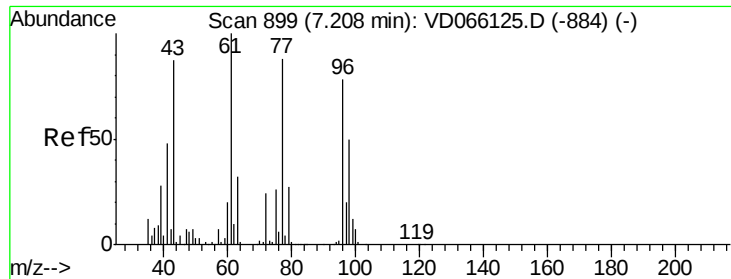
Tgt Ion: 43 Resp: 375292
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 19.688 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 63 Resp: 85636
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 4.7 2.4 7.2

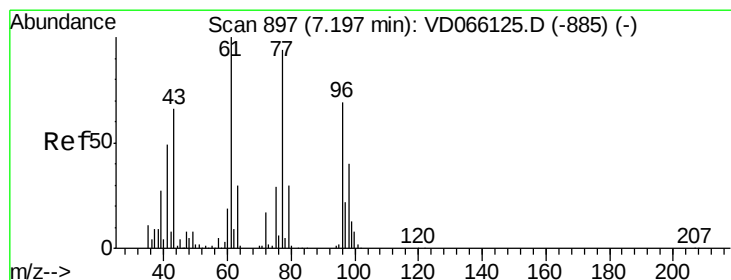
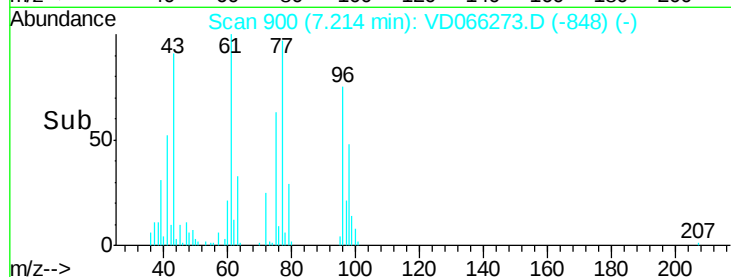
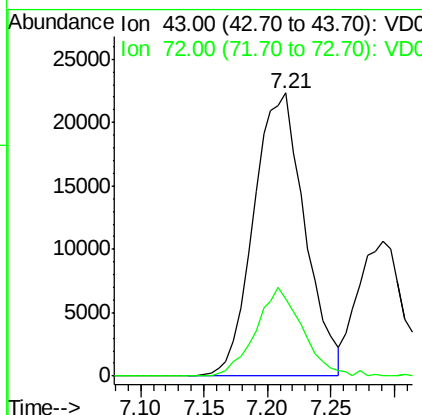
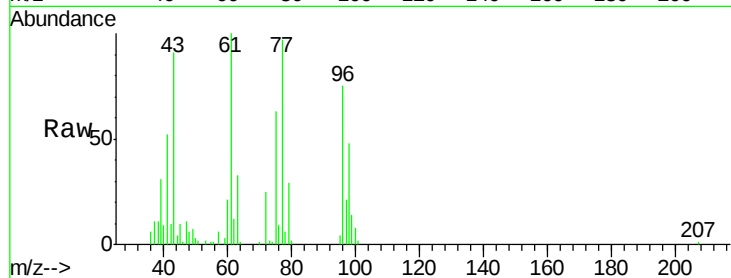




#25
 2-Butanone
 Concen: 95.025 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

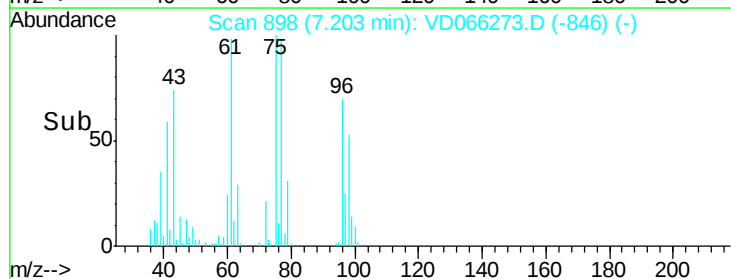
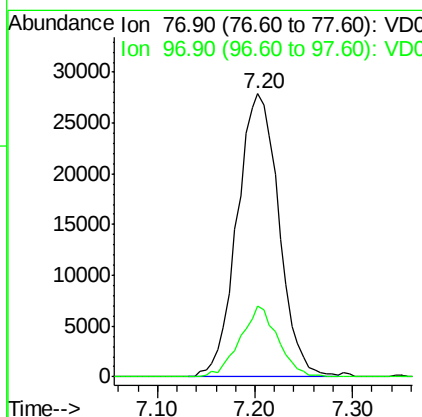
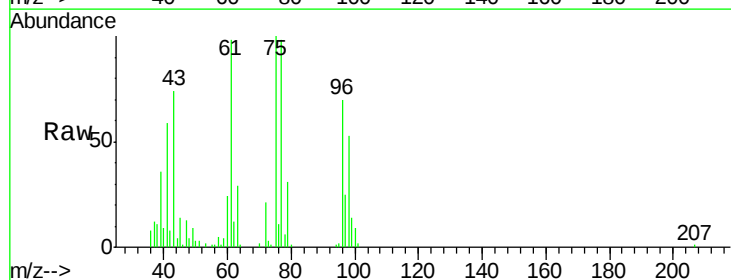
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

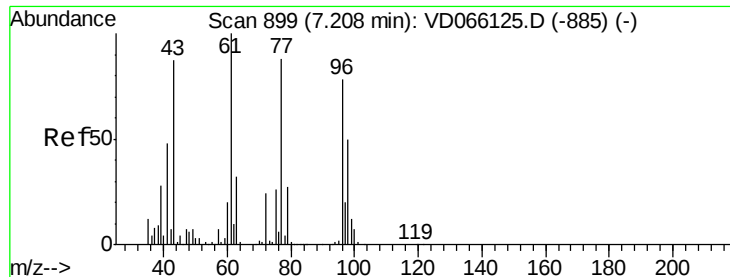
Tgt Ion: 43 Resp: 62675
 Ion Ratio Lower Upper
 43 100
 72 27.3 22.2 33.2



#26
 2,2-Dichloropropane
 Concen: 21.327 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 77 Resp: 83143
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.8 35.3

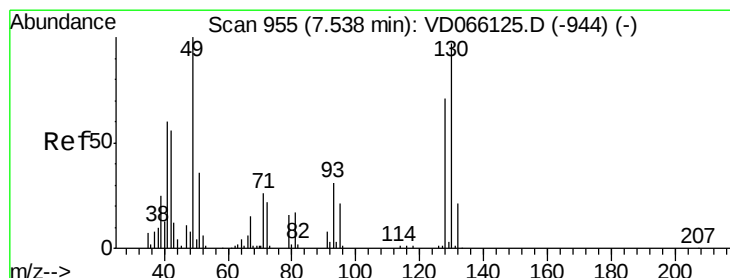
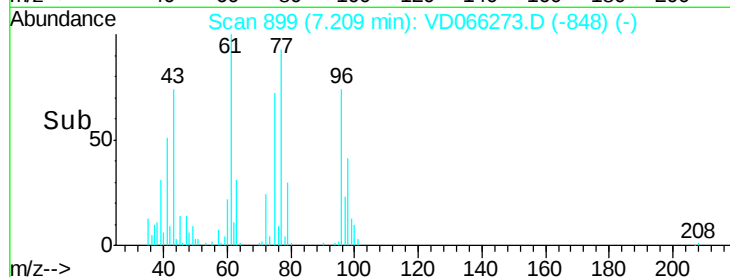
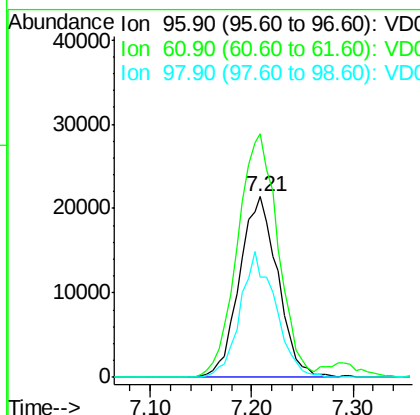
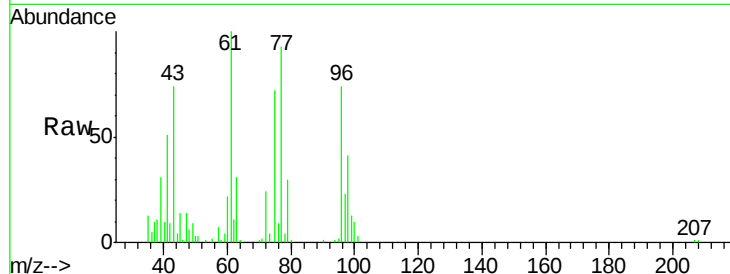




#27
 cis-1,2-Dichloroethene
 Concen: 19.822 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

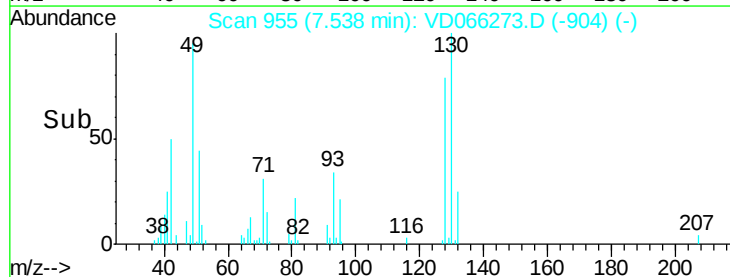
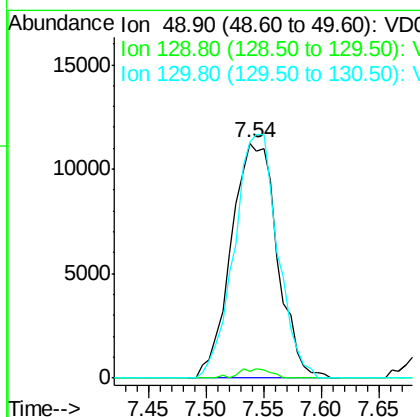
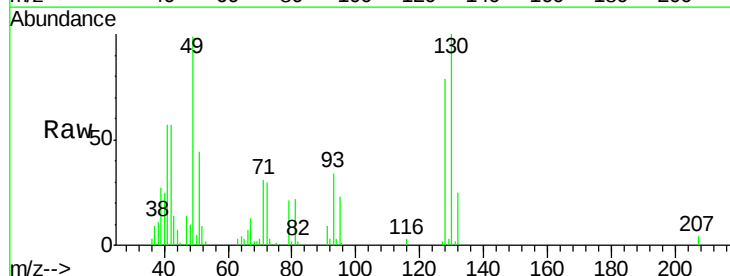
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

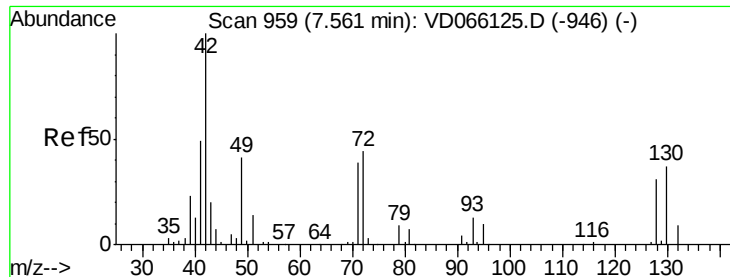
Tgt Ion: 96 Resp: 56033
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 281.6
 98 64.2 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.387 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 49 Resp: 31145
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 97.9 73.8 110.6

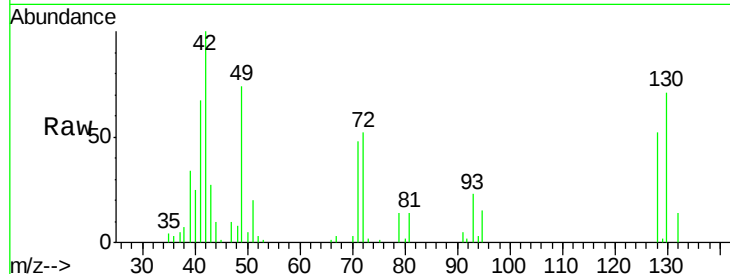




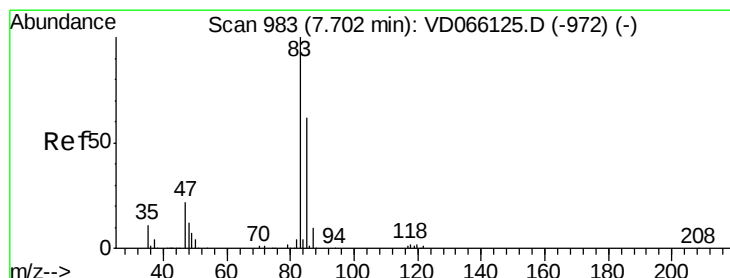
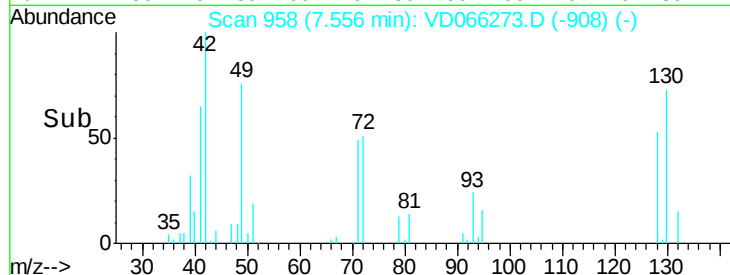
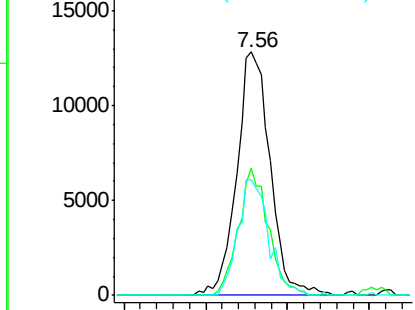
#29
Tetrahydrofuran
Concen: 89.144 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion: 42 Resp: 36428
Ion Ratio Lower Upper
42 100
72 46.8 34.8 52.2
71 44.0 33.5 50.3

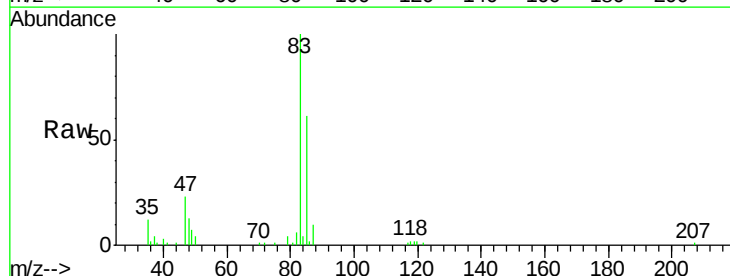


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

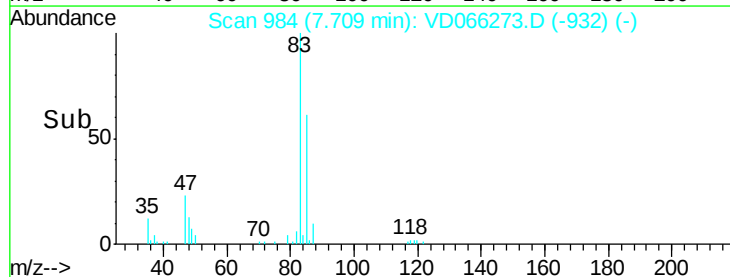
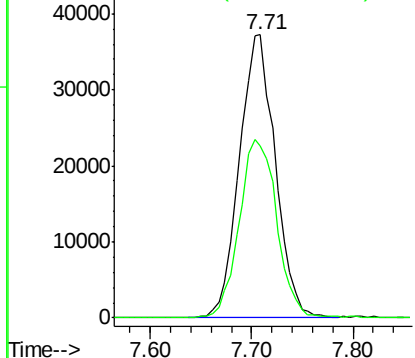


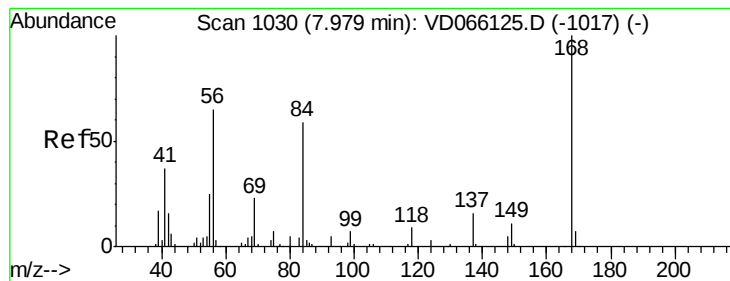
#30
Chloroform
Concen: 20.094 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 83 Resp: 91776
Ion Ratio Lower Upper
83 100
85 60.6 49.5 74.3



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





#31

Cyclohexane

Concen: 18.191 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

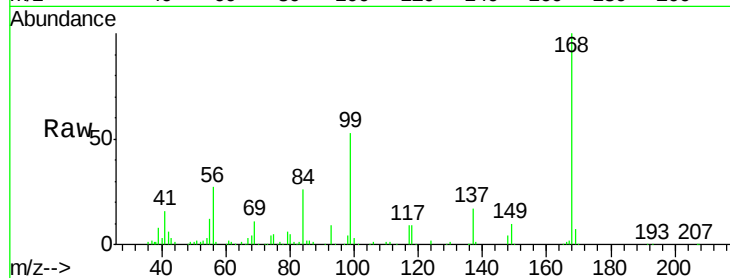
Tgt Ion: 56 Resp: 75319

Ion Ratio Lower Upper

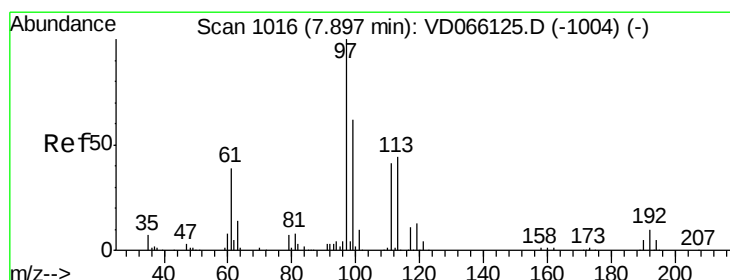
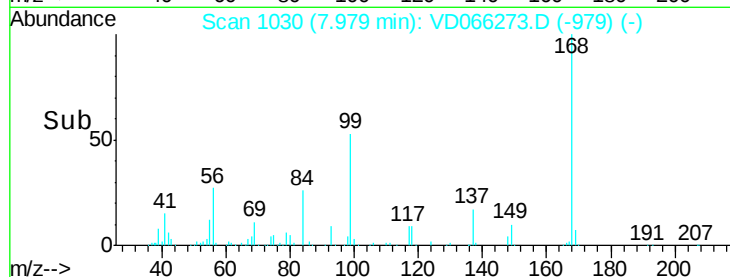
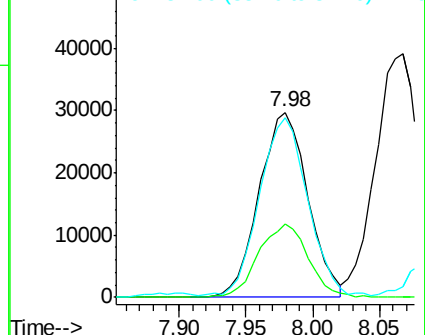
56 100

69 39.6 28.8 43.2

84 96.2 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 20.618 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

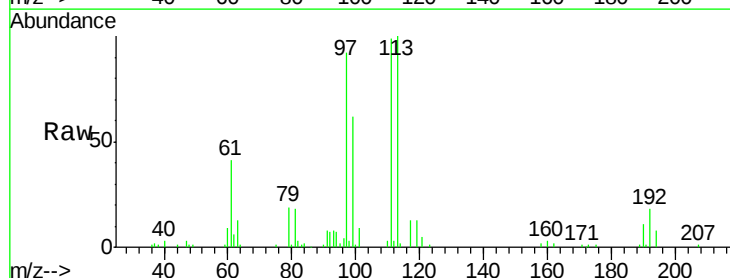
Tgt Ion: 97 Resp: 88292

Ion Ratio Lower Upper

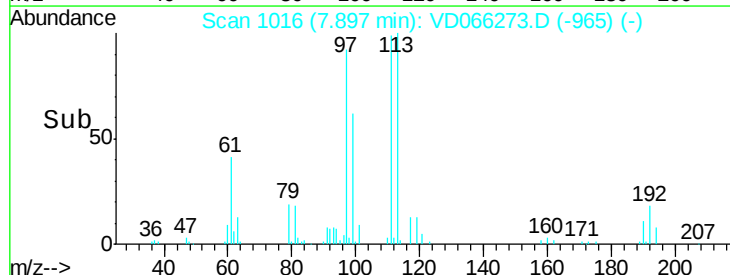
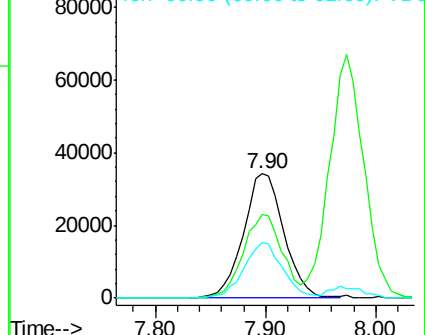
97 100

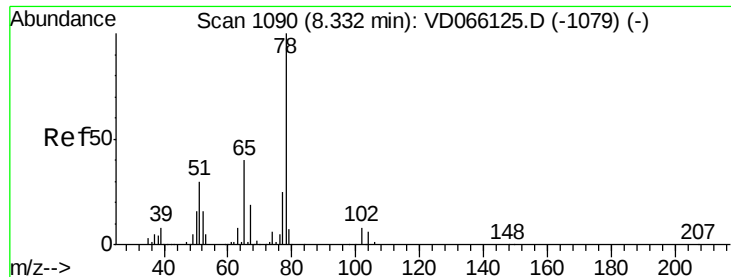
99 64.8 51.1 76.7

61 42.6 32.7 49.1



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

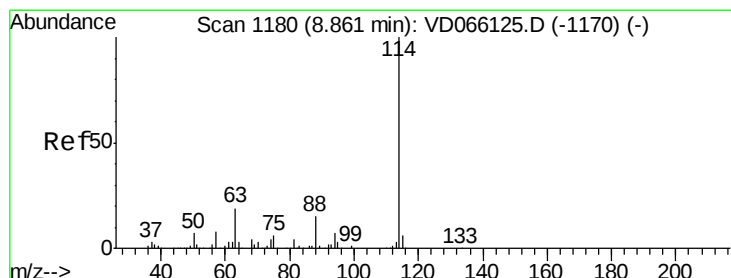
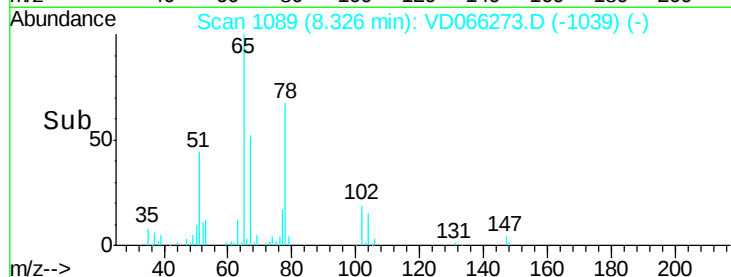
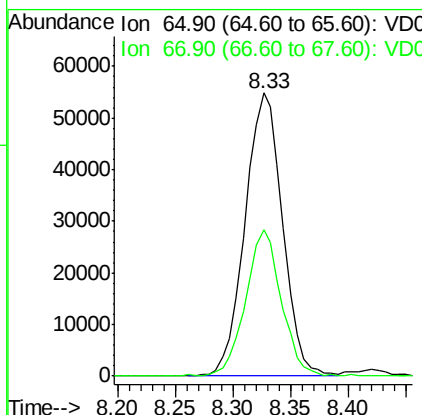
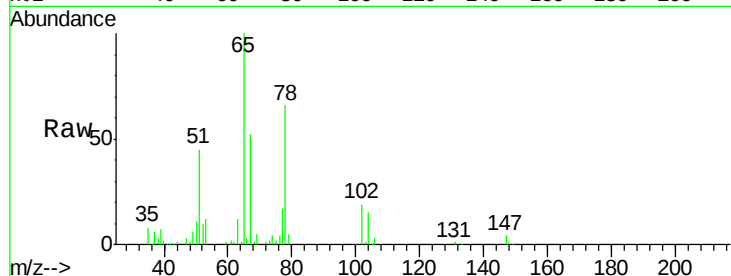




#33
 1,2-Dichloroethane-d4
 Concen: 52.486 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

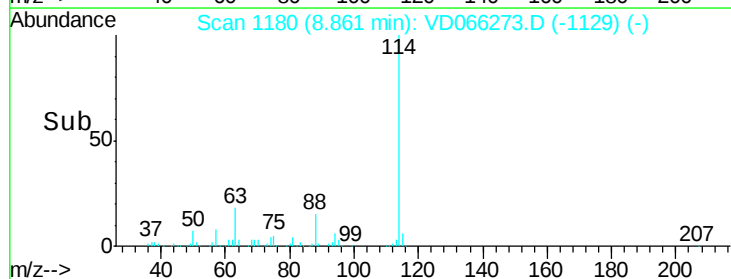
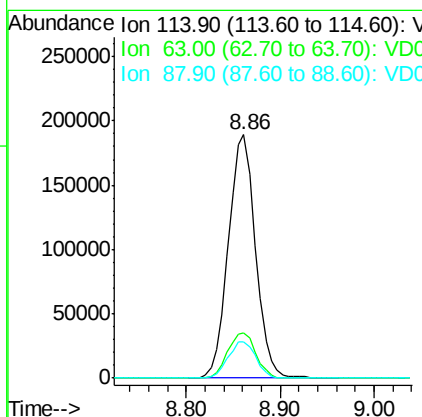
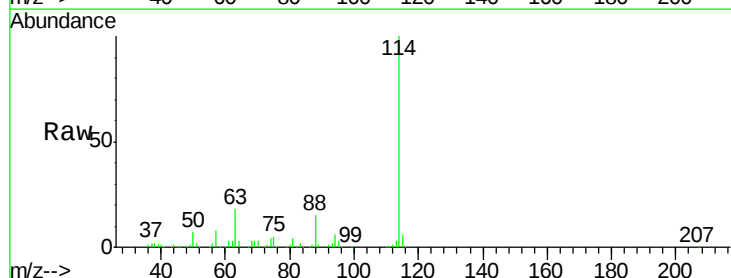
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

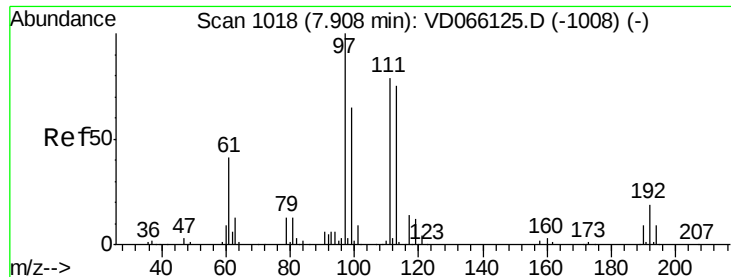
Tgt Ion: 65 Resp: 124045
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 114 Resp: 379560
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 14.9 0.0 30.0

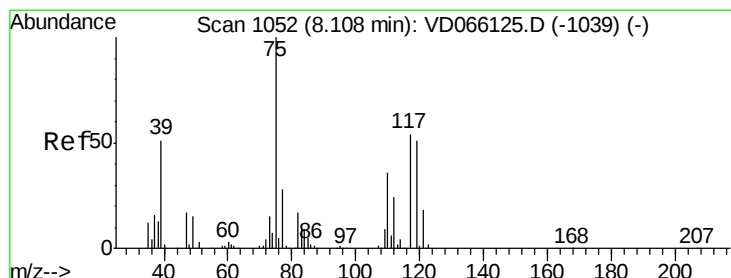
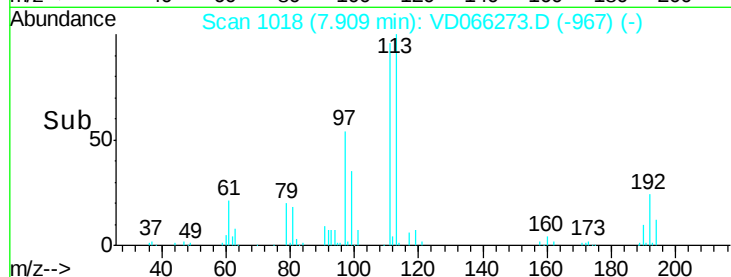
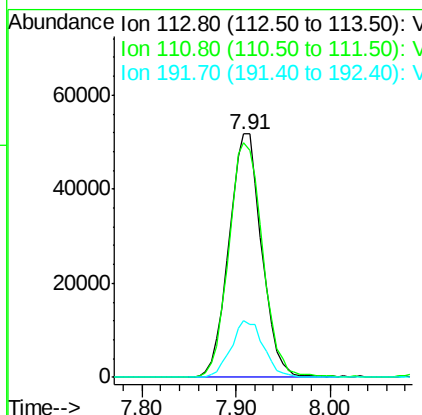
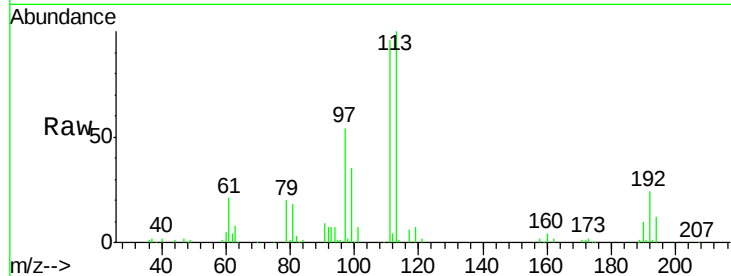




#35
 Dibromofluoromethane
 Concen: 52.023 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

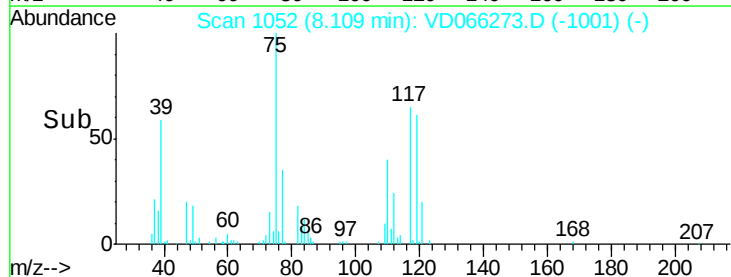
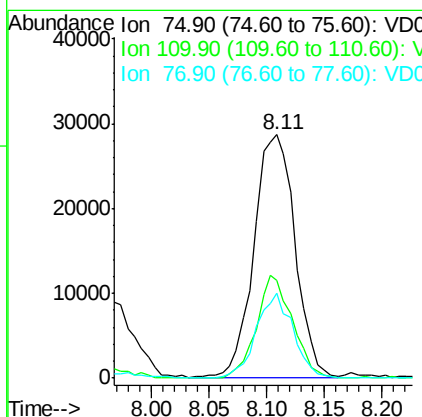
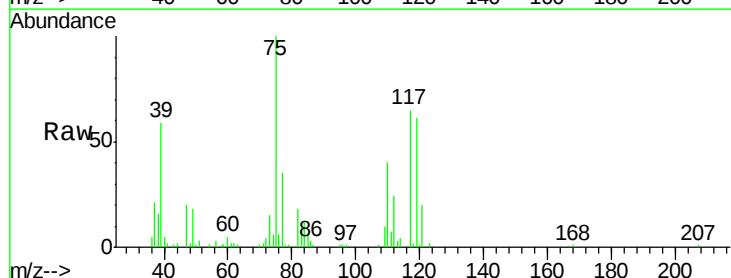
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

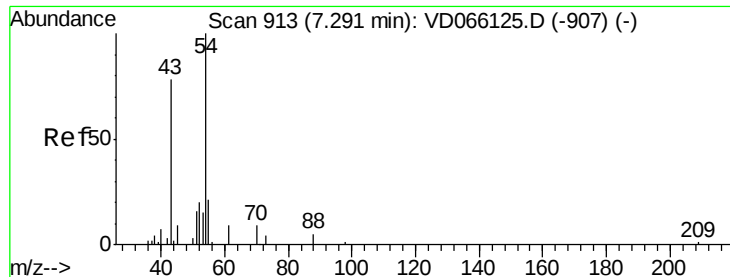
Tgt Ion: 113 Resp: 125087
 Ion Ratio Lower Upper
 113 100
 111 99.5 80.7 121.1
 192 23.0 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 19.978 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 75 Resp: 71254
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.8 56.3
 77 31.2 24.2 36.2

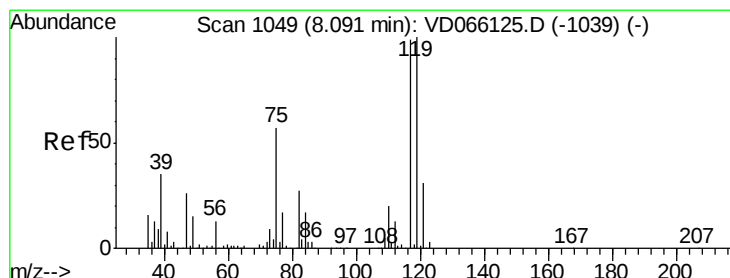
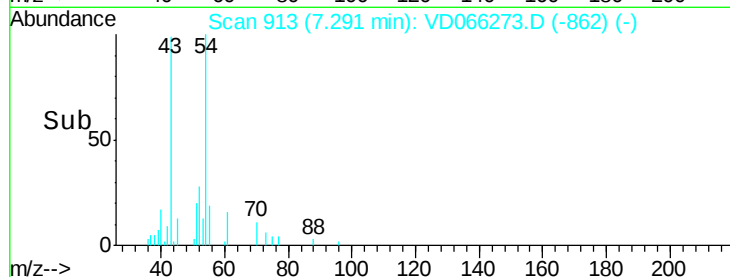
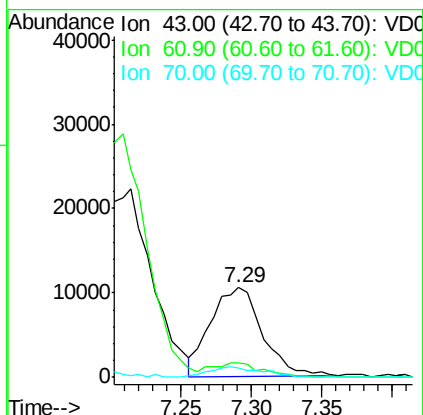
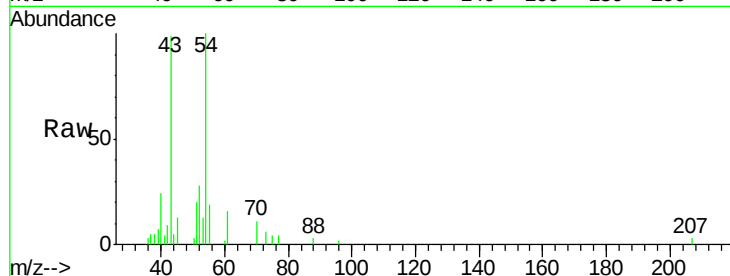




#37
 Ethyl Acetate
 Concen: 18.945 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

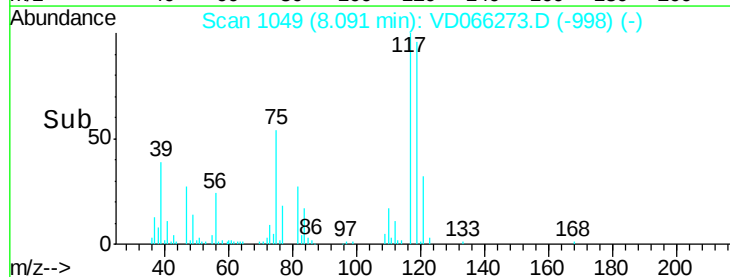
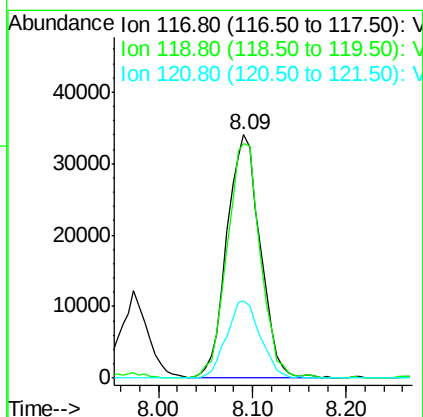
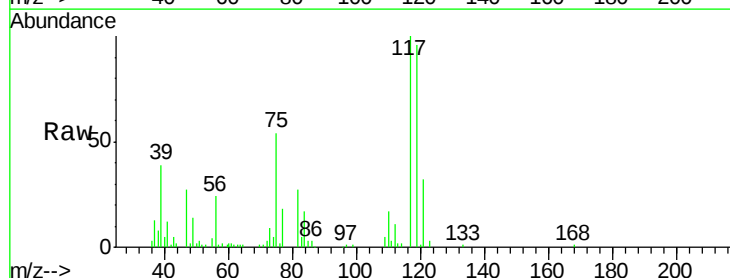
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

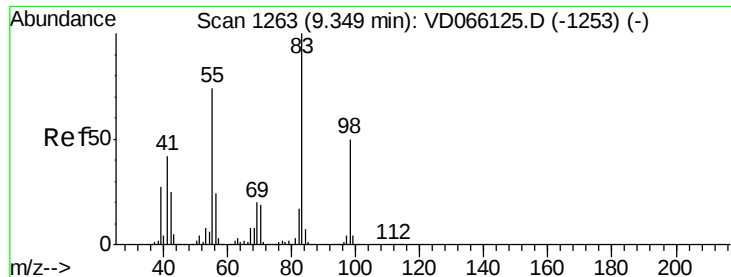
Tgt Ion: 43 Resp: 26772
 Ion Ratio Lower Upper
 43 100
 61 16.4 12.0 18.0
 70 12.0 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 21.127 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 117 Resp: 84031
 Ion Ratio Lower Upper
 117 100
 119 96.4 81.0 121.4
 121 32.0 24.8 37.2

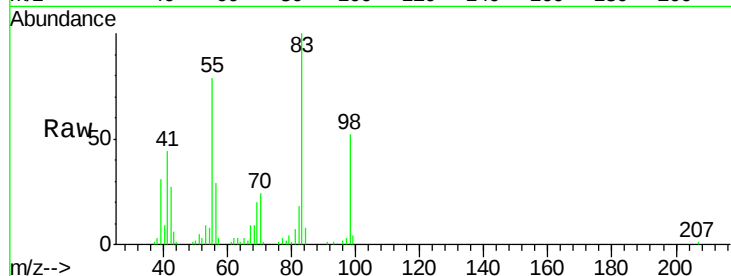




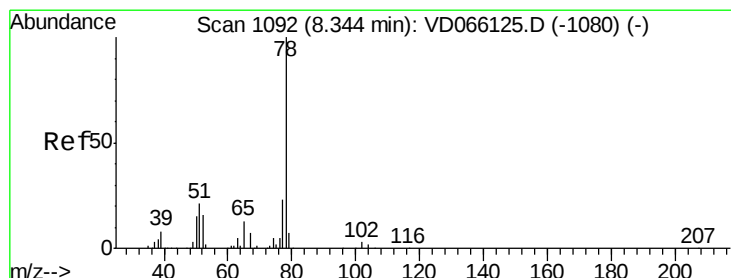
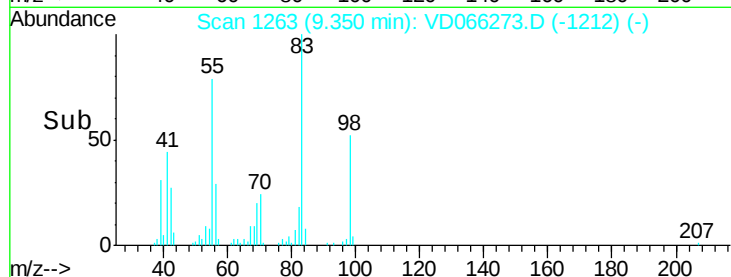
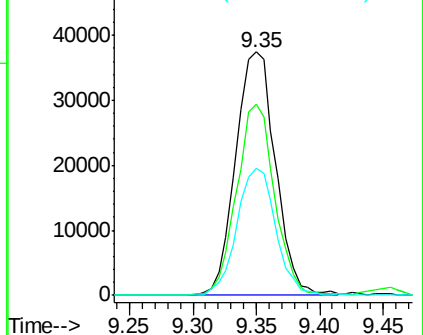
#39
Methylcyclohexane
Concen: 18.942 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion: 83 Resp: 81672
Ion Ratio Lower Upper
83 100
55 78.5 59.2 88.8
98 52.4 39.8 59.6

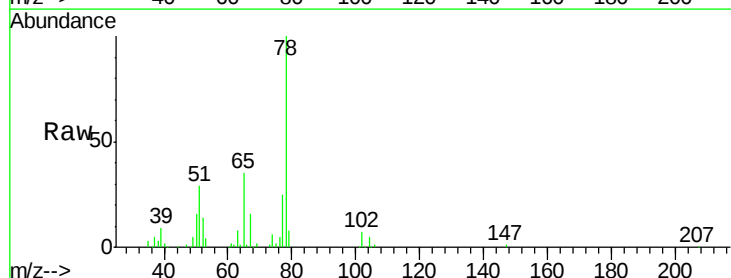


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

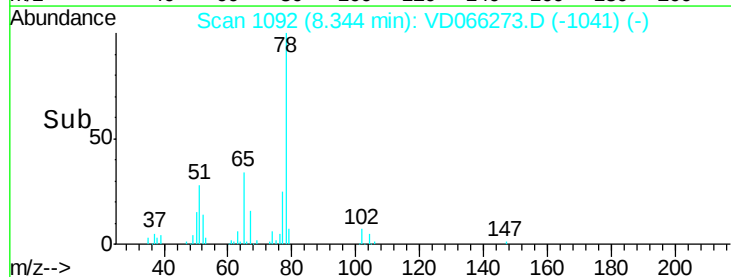
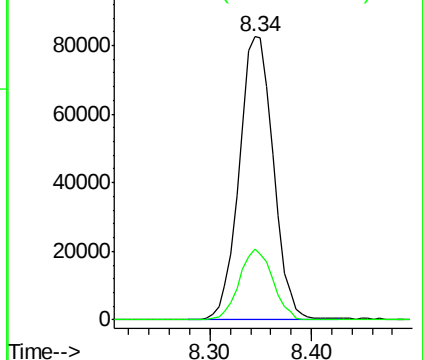


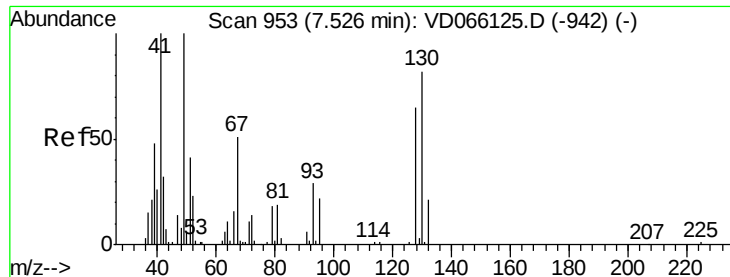
#40
Benzene
Concen: 19.503 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 78 Resp: 192968
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 47.114 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.04 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

Tgt Ion: 41 Resp: 39147

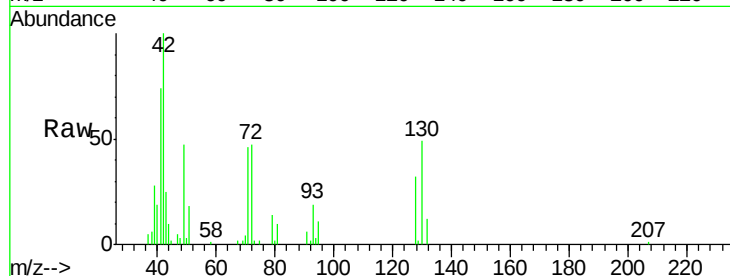
Ion Ratio Lower Upper

41 100

39 25.4 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

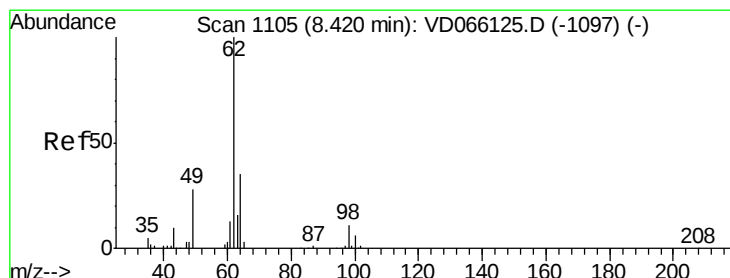
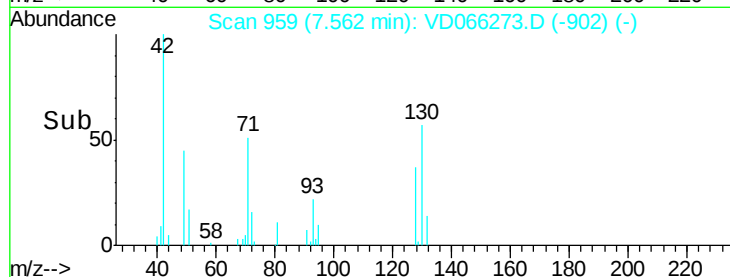
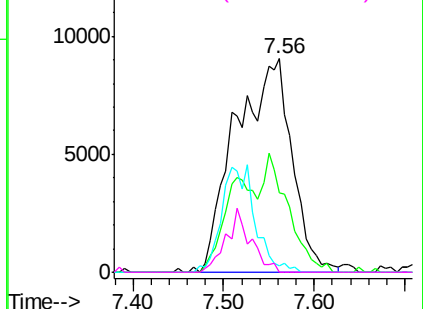


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.013 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066273.D

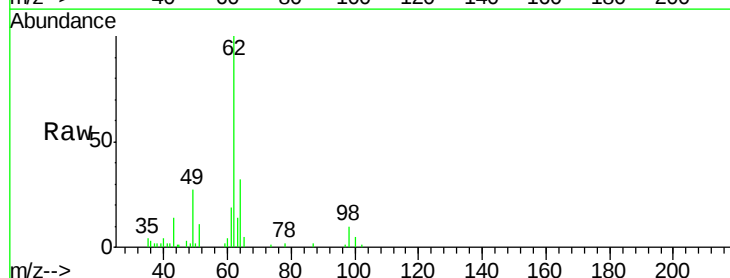
Acq: 18 Aug 2020 13:05

Tgt Ion: 62 Resp: 61077

Ion Ratio Lower Upper

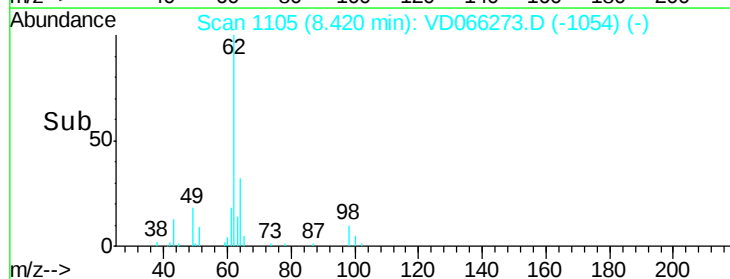
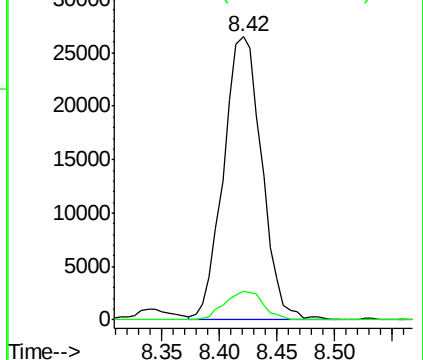
62 100

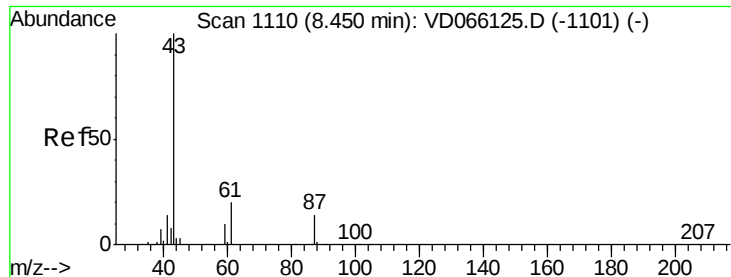
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

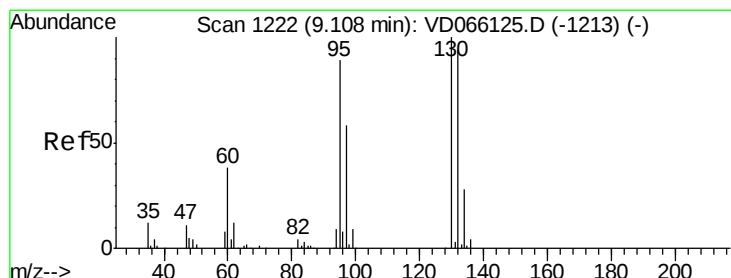
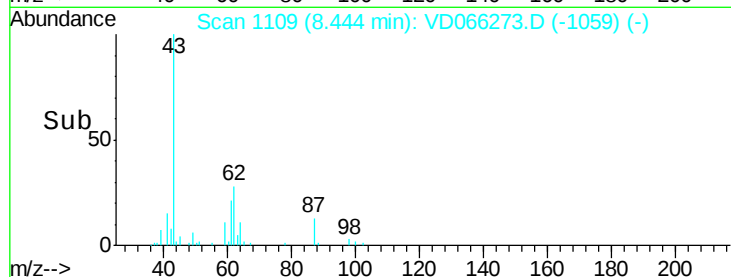
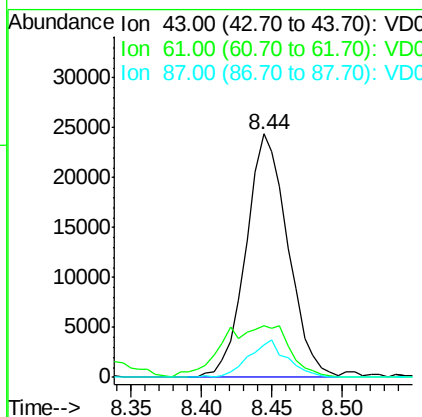
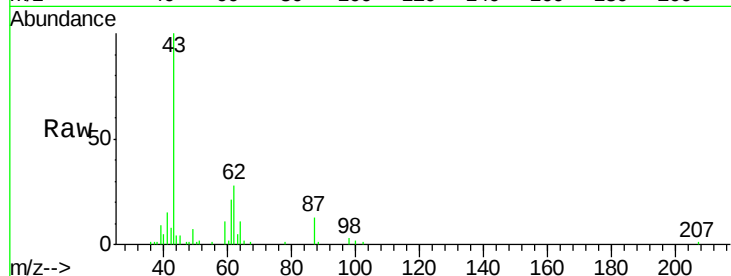




#43
Isopropyl Acetate
Concen: 18.259 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

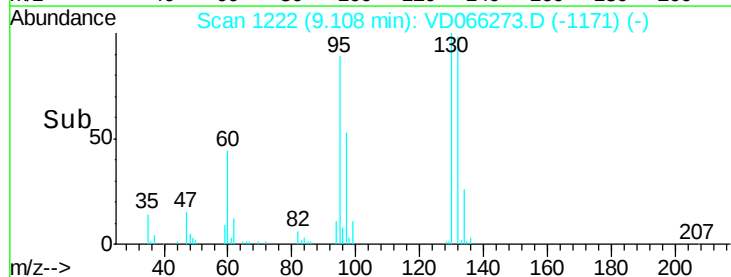
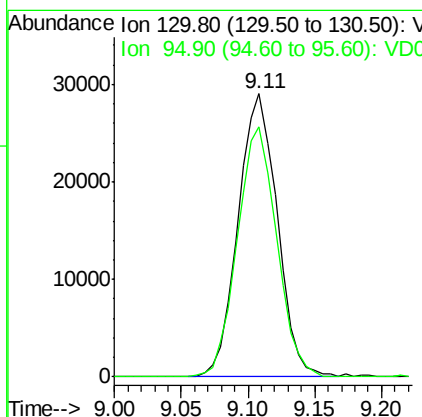
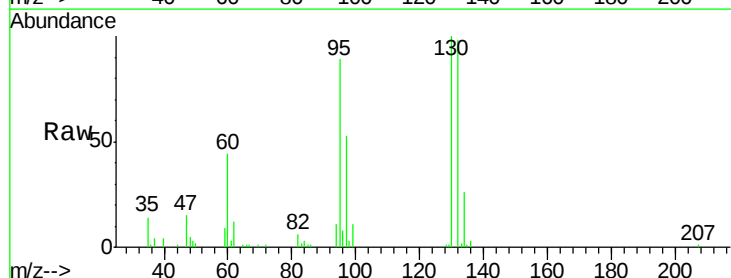
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

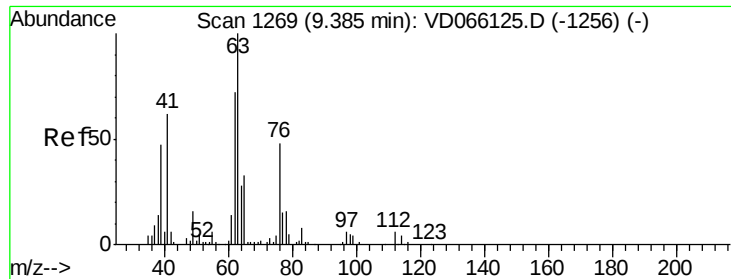
Tgt Ion: 43 Resp: 50840
Ion Ratio Lower Upper
43 100
61 34.0 25.5 38.3
87 14.0 11.2 16.8



#44
Trichloroethene
Concen: 19.717 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 130 Resp: 58787
Ion Ratio Lower Upper
130 100
95 88.5 0.0 178.4

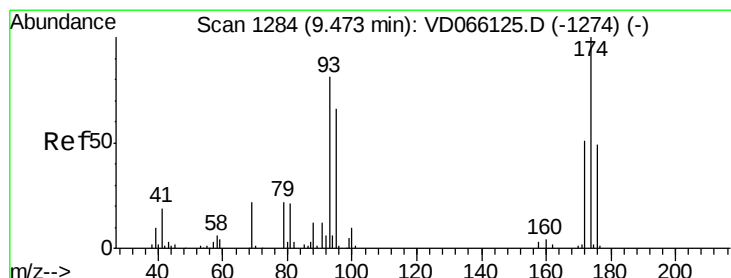
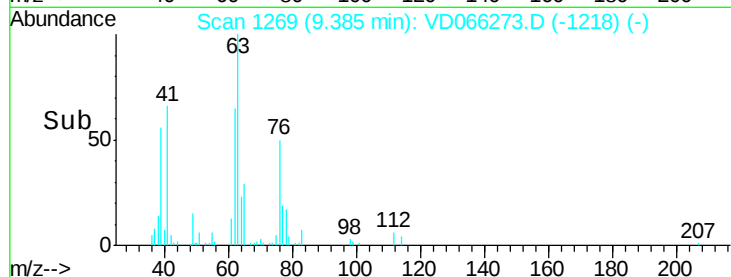
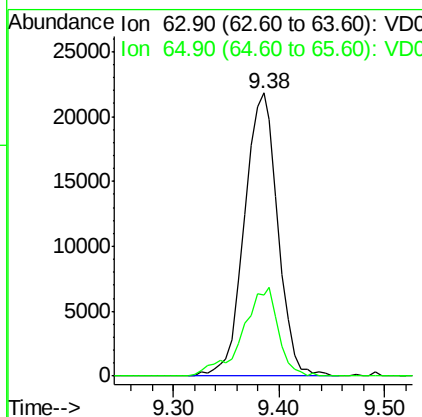
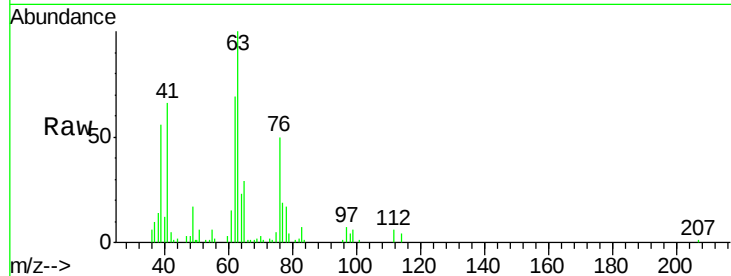




#45
 1,2-Dichloropropane
 Concen: 19.788 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

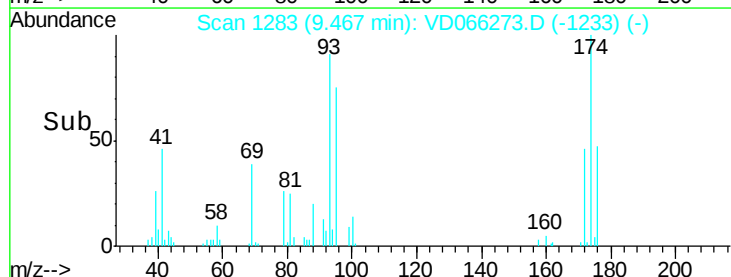
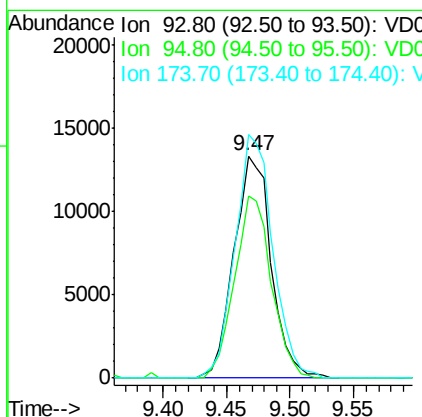
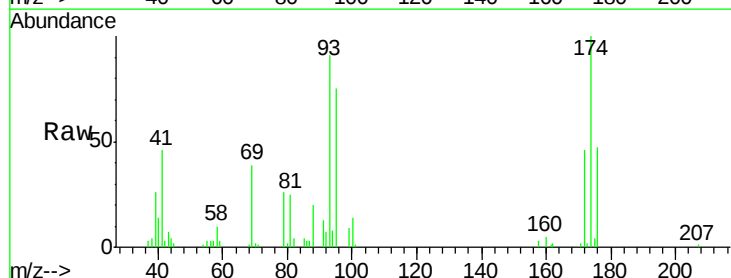
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

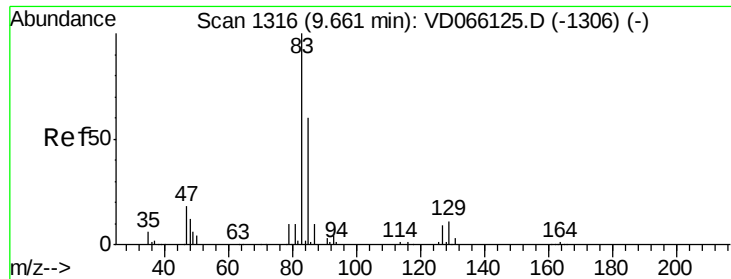
Tgt Ion: 63 Resp: 47886
 Ion Ratio Lower Upper
 63 100
 65 28.9 26.5 39.7



#46
 Dibromomethane
 Concen: 20.430 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 93 Resp: 27232
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.8 98.6
 174 110.8 92.8 139.2

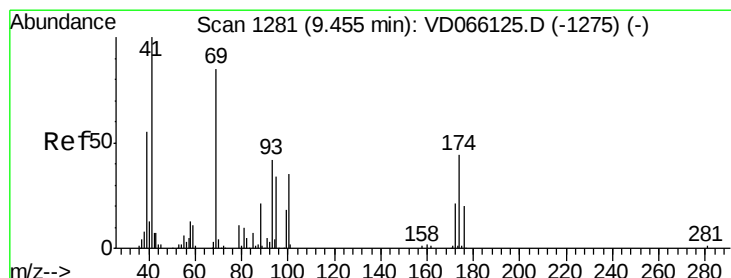
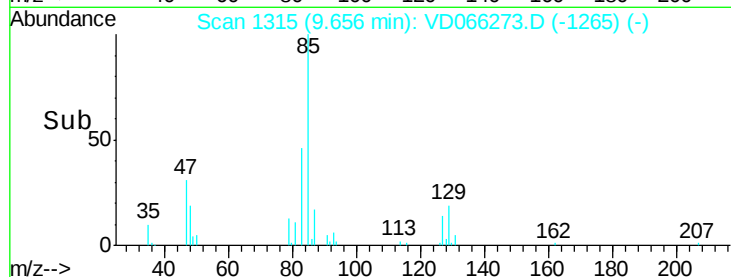
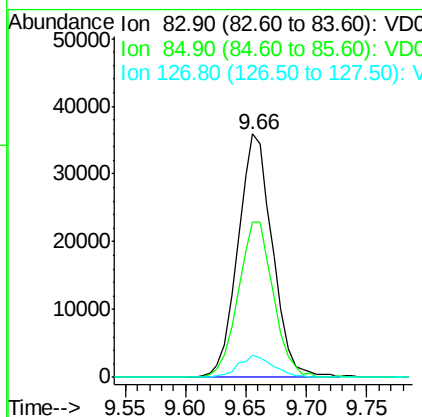
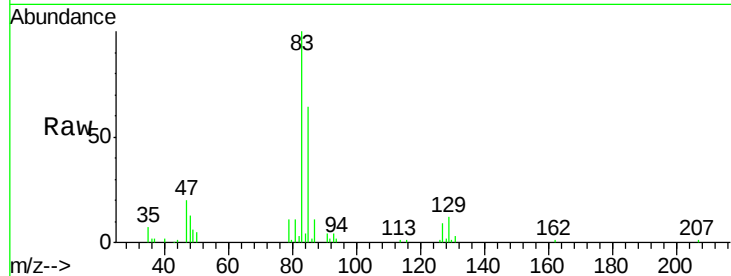




#47
 Bromodichloromethane
 Concen: 20.287 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

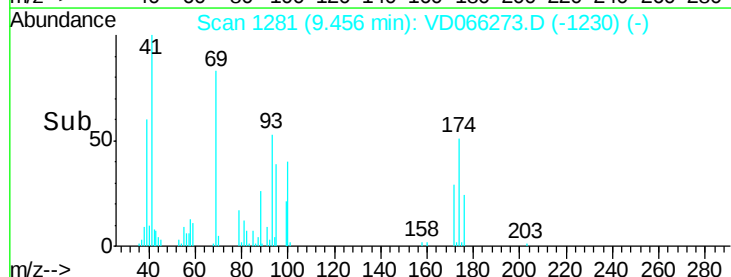
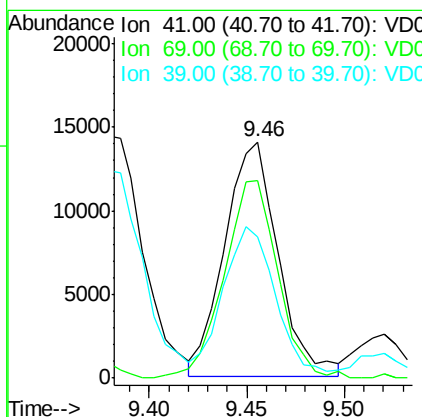
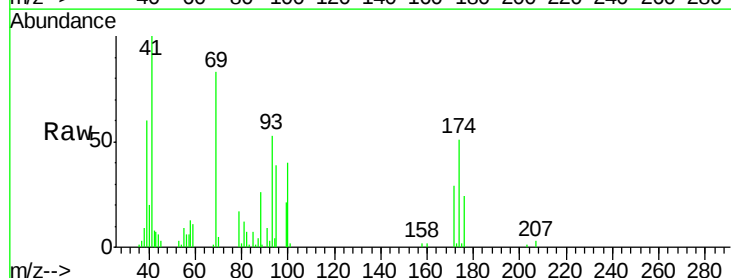
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

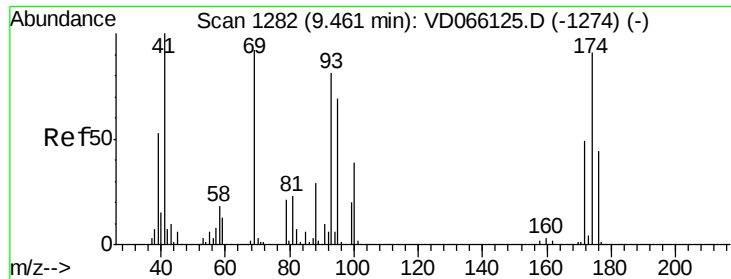
Tgt Ion: 83 Resp: 71469
 Ion Ratio Lower Upper
 83 100
 85 64.0 48.2 72.4
 127 9.0 7.3 10.9



#48
 Methyl methacrylate
 Concen: 18.803 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 41 Resp: 26734
 Ion Ratio Lower Upper
 41 100
 69 84.0 63.9 95.9
 39 57.4 42.6 64.0

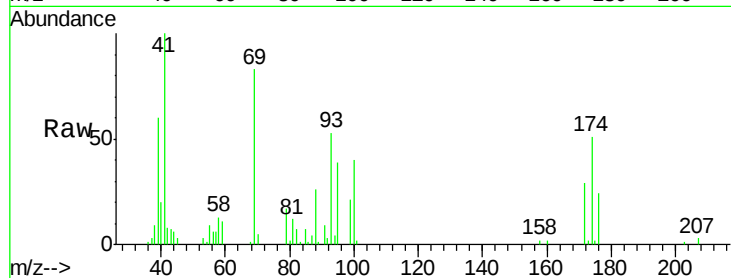




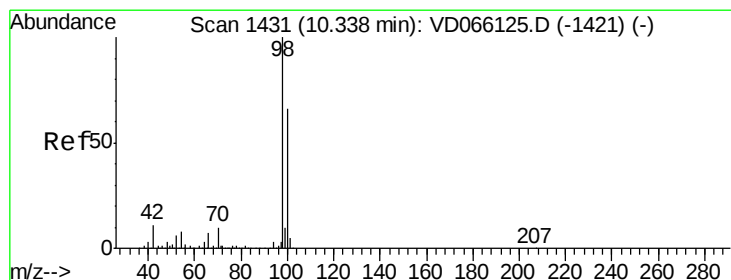
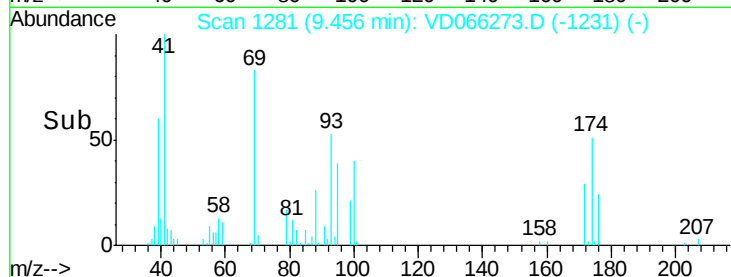
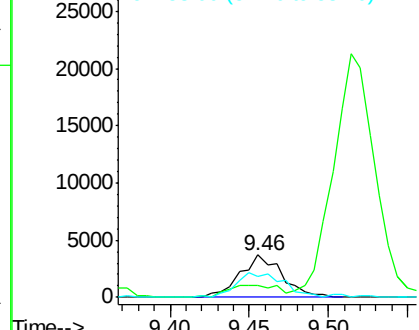
#49
1,4-Dioxane
Concen: 396.323 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion: 88 Resp: 6787
Ion Ratio Lower Upper
88 100
43 35.2 27.5 41.3
58 65.9 50.2 75.4

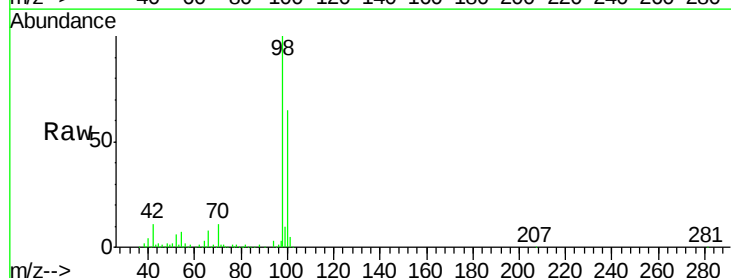


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

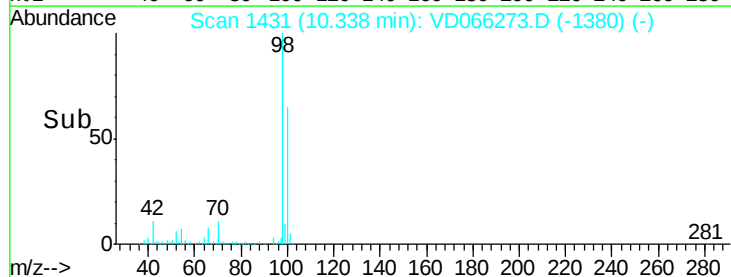
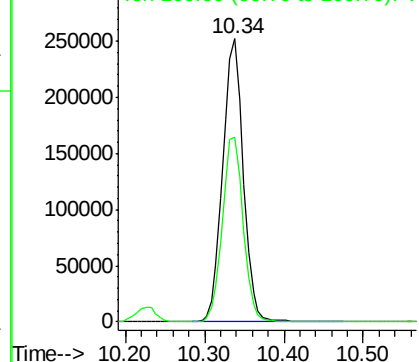


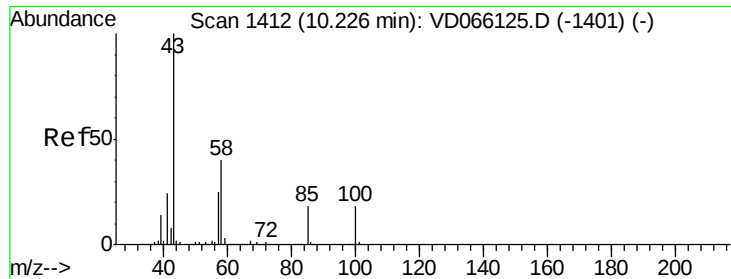
#50
Toluene-d8
Concen: 51.163 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 98 Resp: 453970
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



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

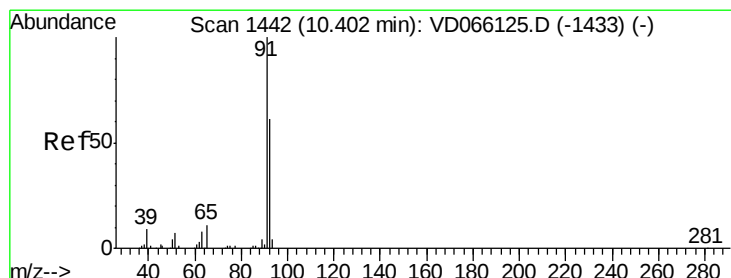
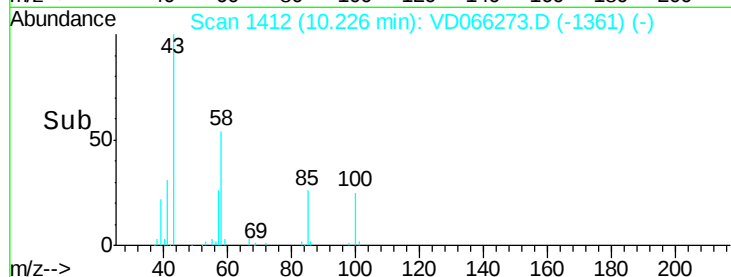
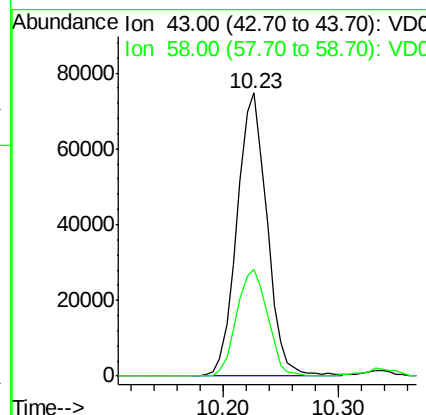
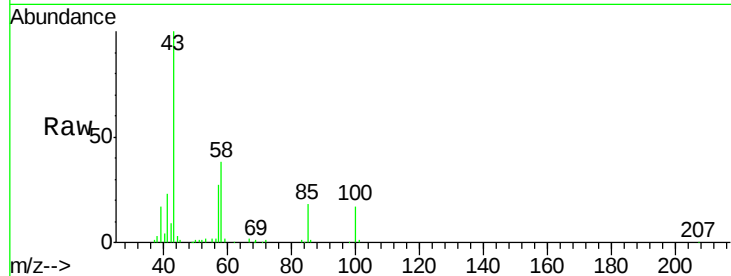




#51
 4-Methyl-2-Pentanone
 Concen: 94.233 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

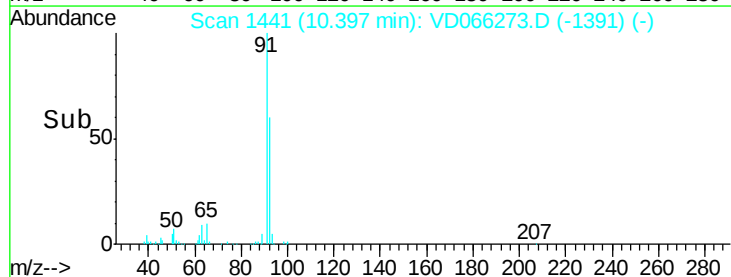
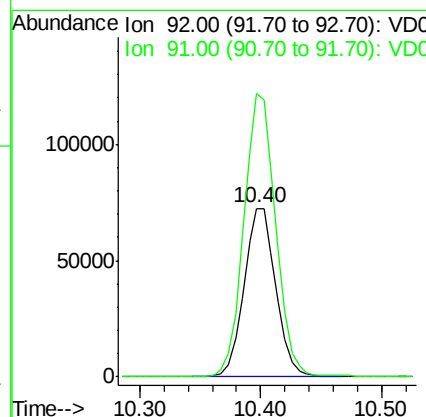
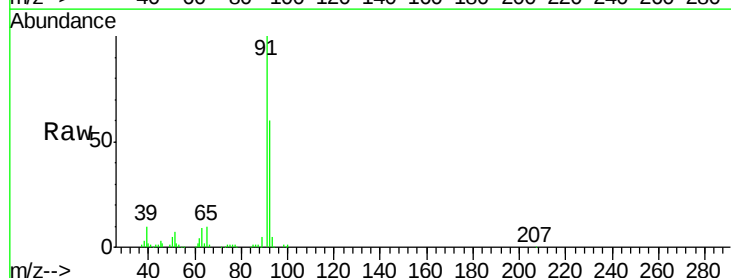
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

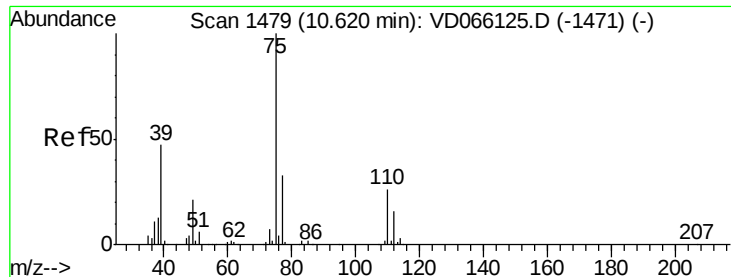
Tgt Ion: 43 Resp: 134774
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.1 46.7



#52
 Toluene
 Concen: 20.354 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 92 Resp: 132517
 Ion Ratio Lower Upper
 92 100
 91 169.2 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 19.827 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

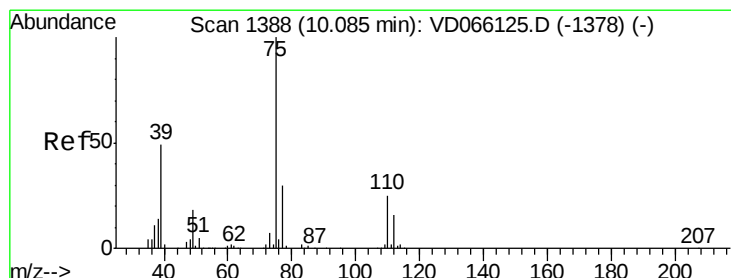
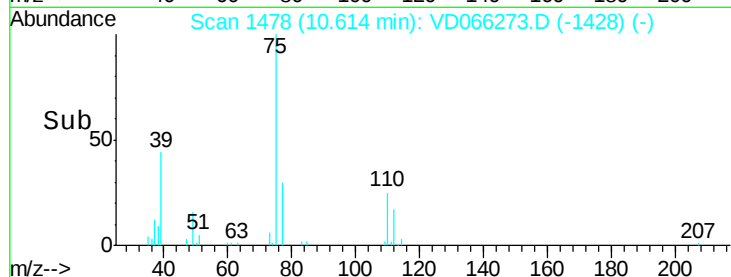
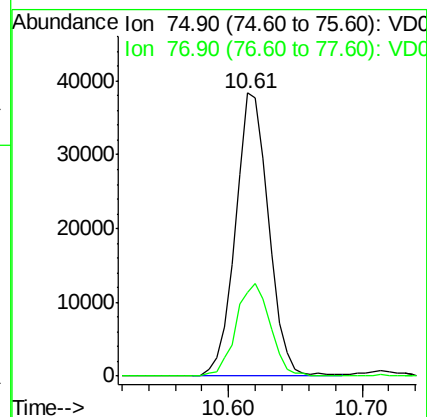
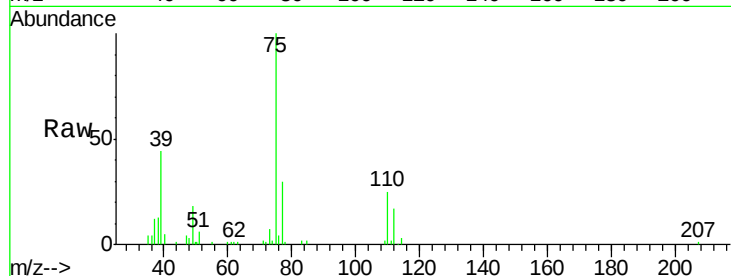
VD0818SBS01

Tgt Ion: 75 Resp: 66289

Ion Ratio Lower Upper

75 100

77 29.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 20.378 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

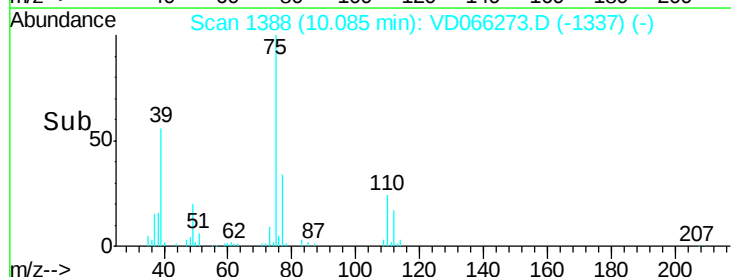
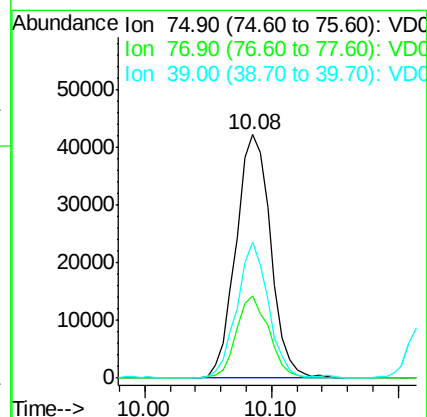
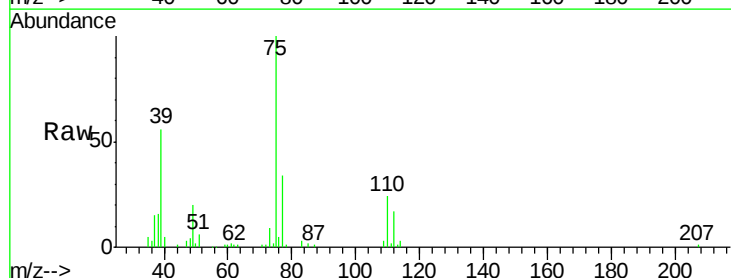
Tgt Ion: 75 Resp: 79823

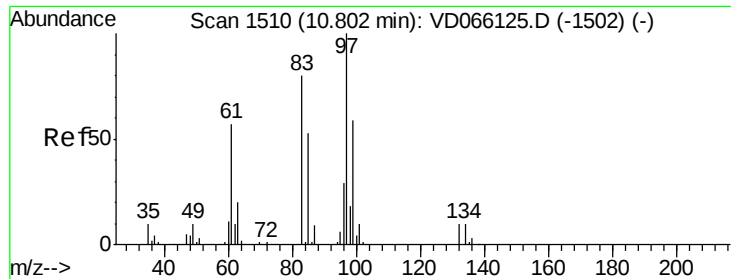
Ion Ratio Lower Upper

75 100

77 33.6 24.3 36.5

39 55.7 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 20.342 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

Tgt Ion: 97 Resp: 39043

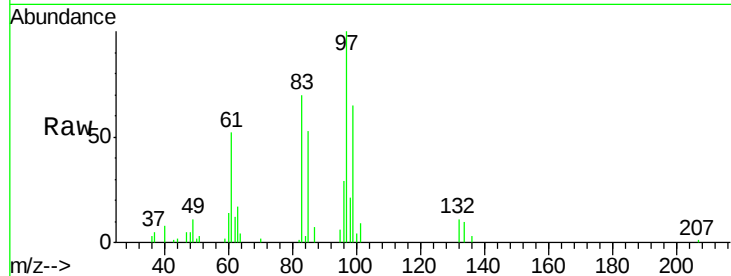
Ion Ratio Lower Upper

97 100

83 69.5 63.9 95.9

85 52.6 42.5 63.7

99 65.3 47.4 71.0

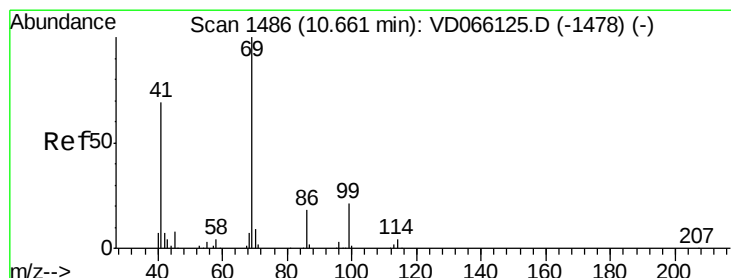
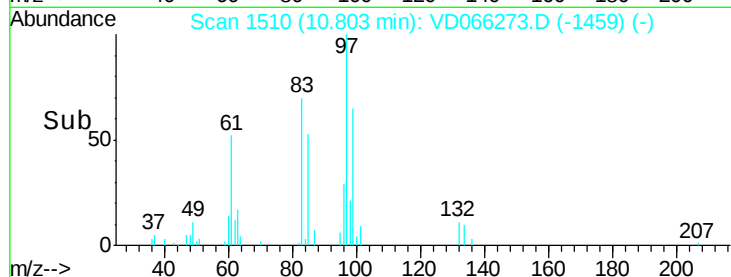
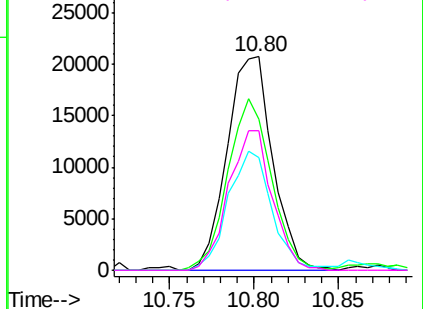


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 19.162 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

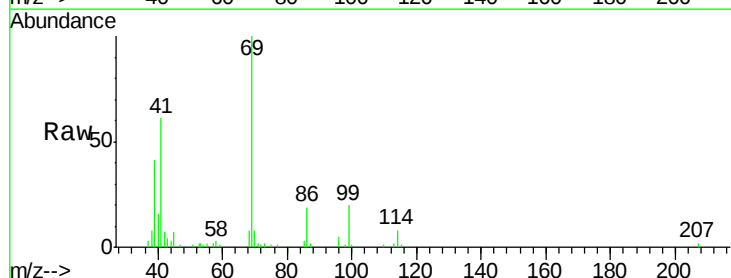
Tgt Ion: 69 Resp: 44182

Ion Ratio Lower Upper

69 100

41 62.6 54.1 81.1

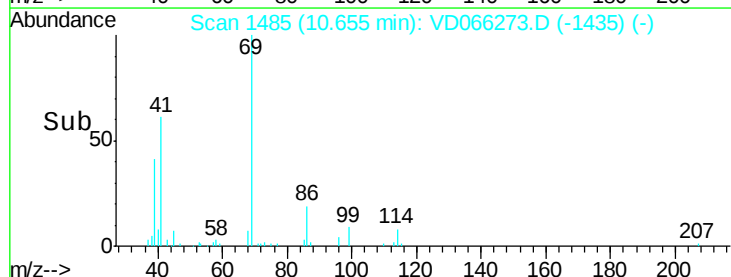
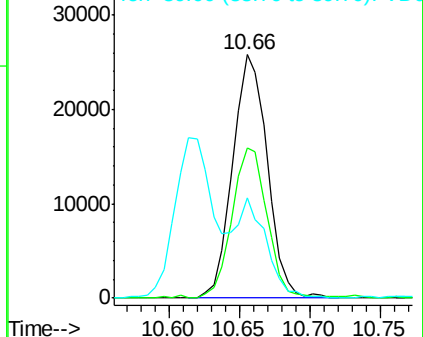
39 33.8 28.6 43.0

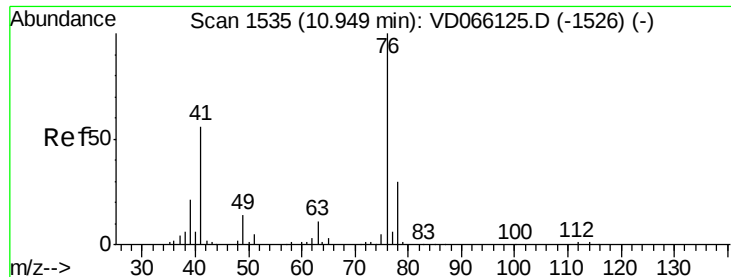


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 19.688 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

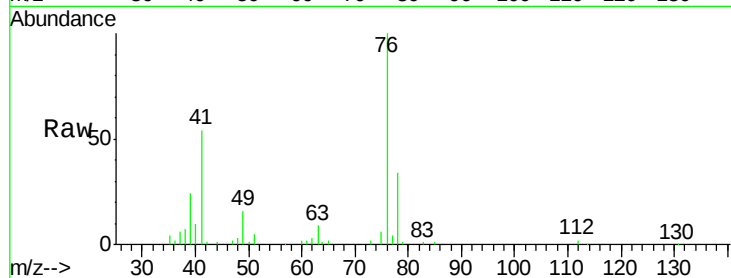
VD0818SBS01

Tgt Ion: 76 Resp: 62733

Ion Ratio Lower Upper

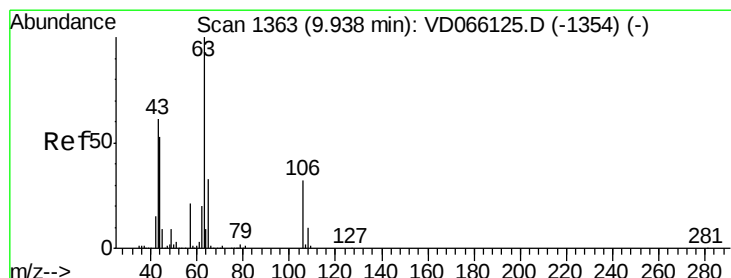
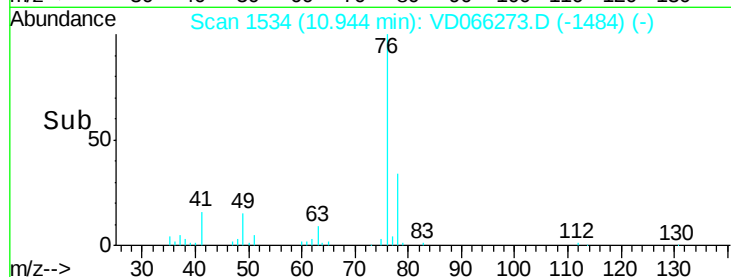
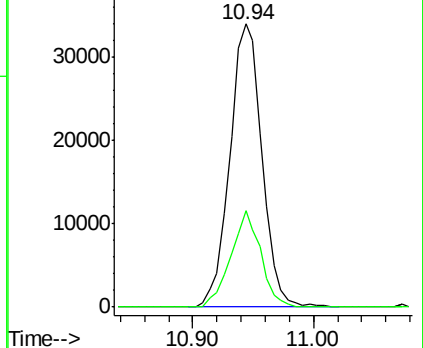
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 106.684 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066273.D

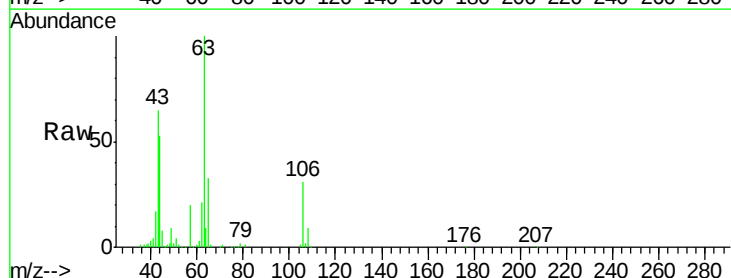
Acq: 18 Aug 2020 13:05

Tgt Ion: 63 Resp: 110647

Ion Ratio Lower Upper

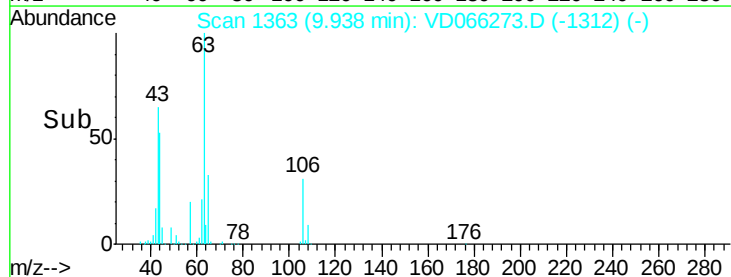
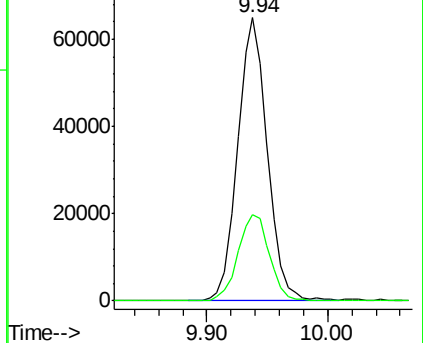
63 100

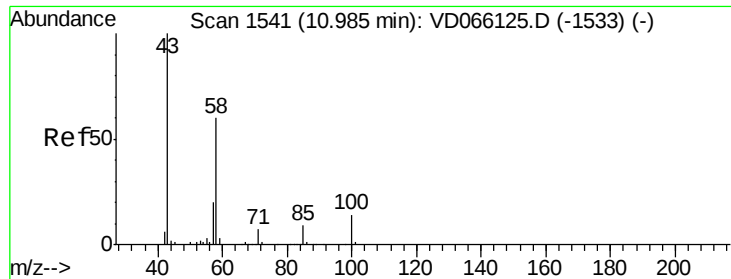
106 32.4 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

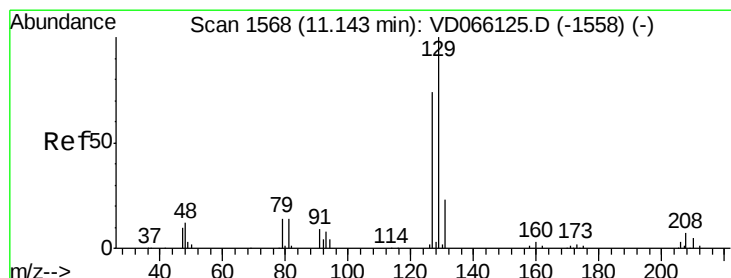
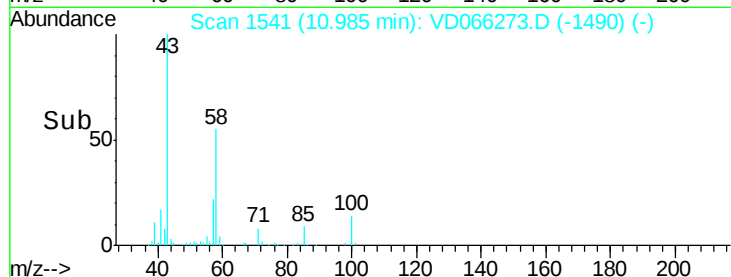
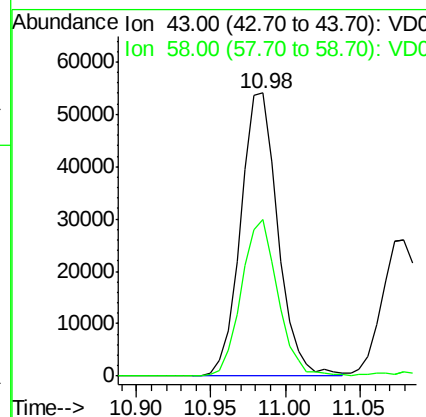
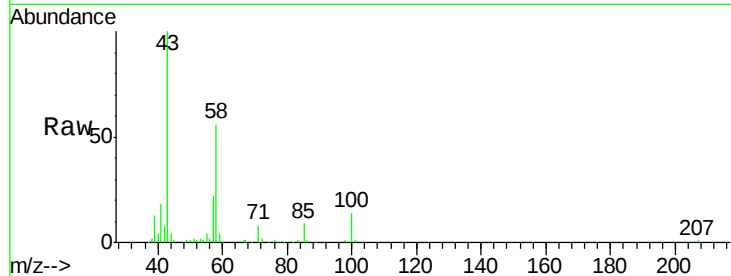




#59
2-Hexanone
Concen: 93.075 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

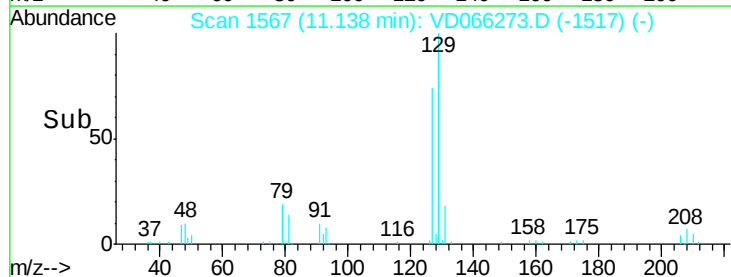
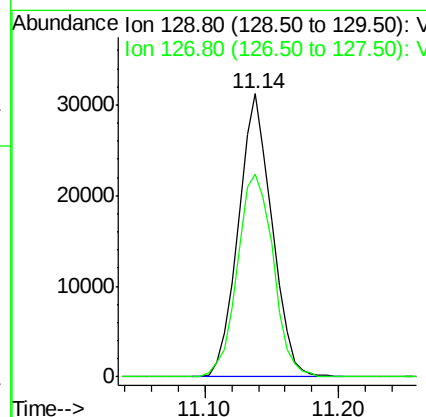
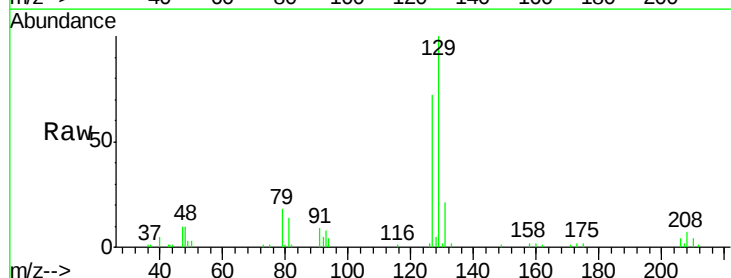
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

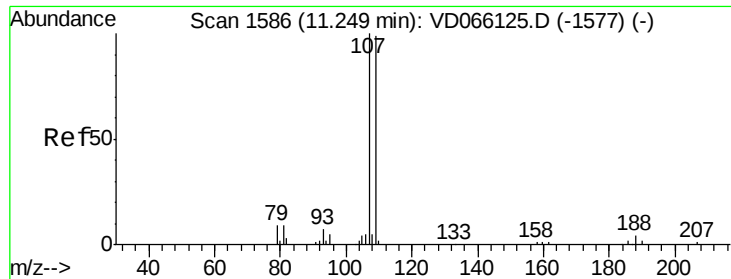
Tgt Ion: 43 Resp: 93424
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.4



#60
Dibromochloromethane
Concen: 20.527 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 129 Resp: 54393
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1

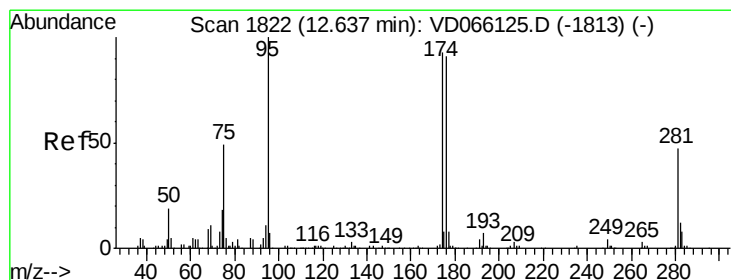
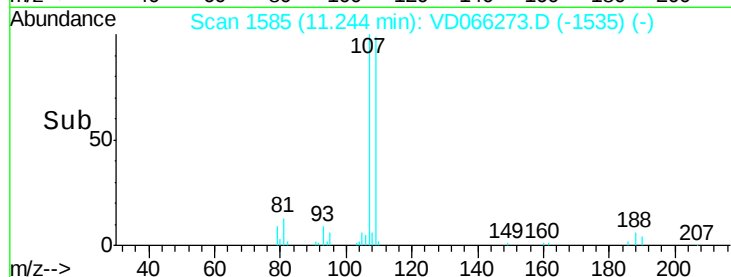
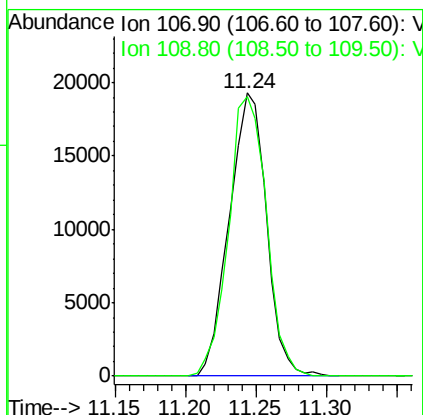
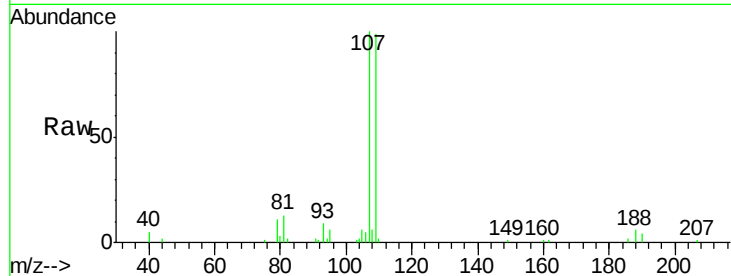




#61
 1,2-Dibromoethane
 Concen: 19.187 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

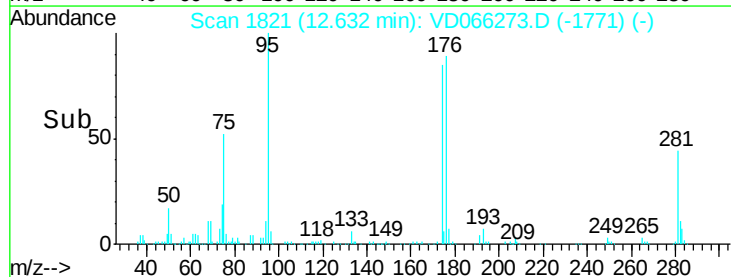
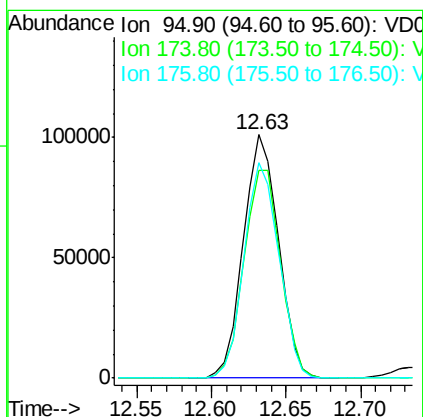
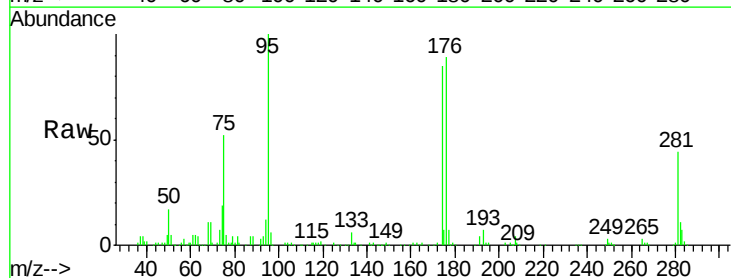
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

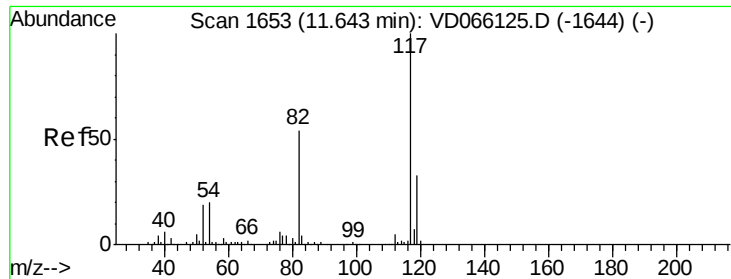
Tgt Ion: 107 Resp: 35416
 Ion Ratio Lower Upper
 107 100
 109 100.6 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.441 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 95 Resp: 164528
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 180.8
 176 88.2 0.0 181.2

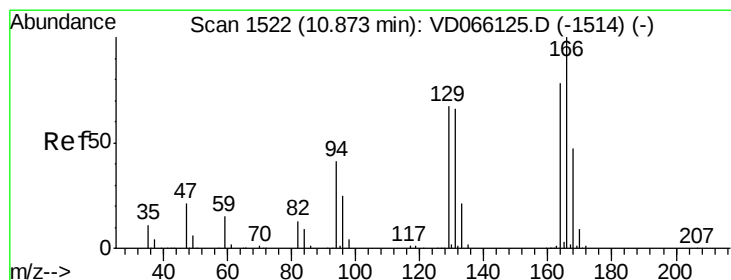
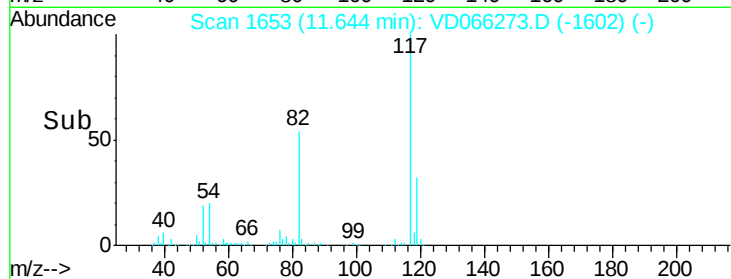
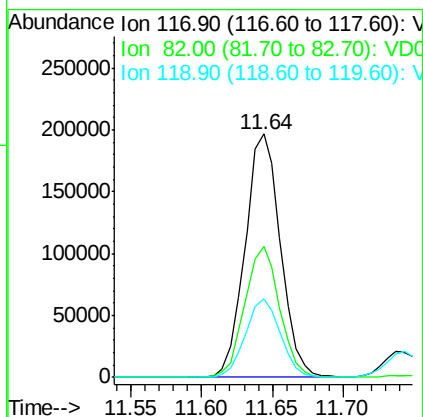
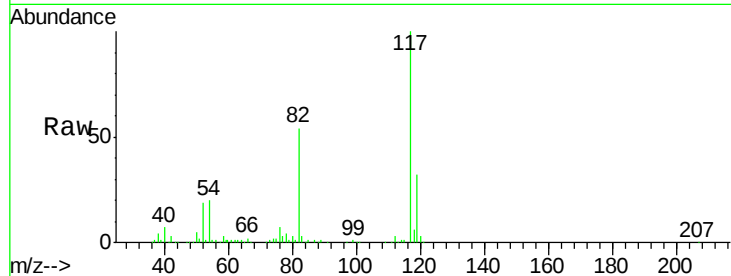




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

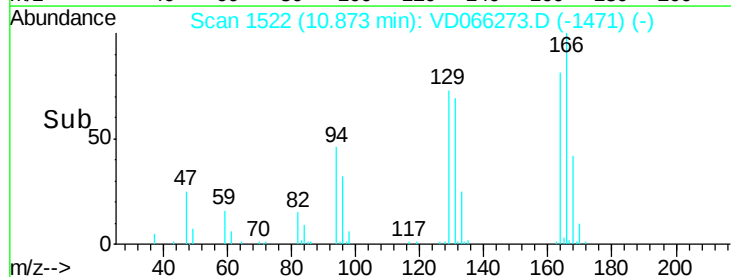
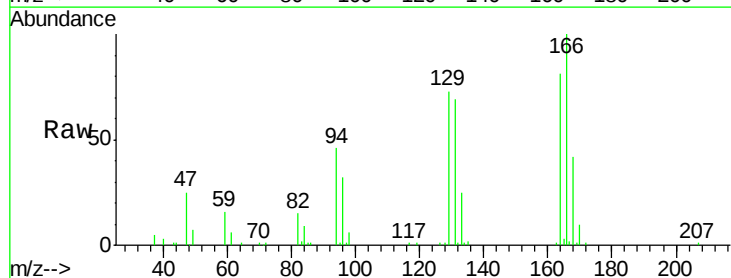
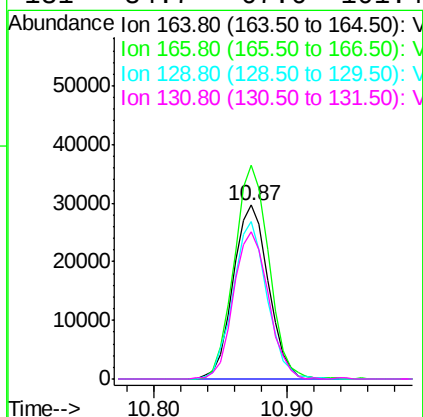
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

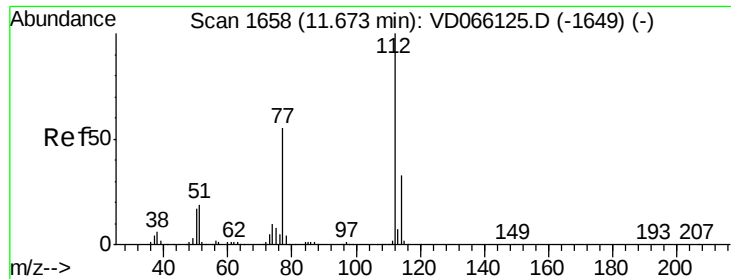
Tgt Ion:117 Resp: 346265
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 20.539 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion:164 Resp: 54613
Ion Ratio Lower Upper
164 100
166 122.9 101.9 152.9
129 90.3 68.1 102.1
131 84.7 67.6 101.4

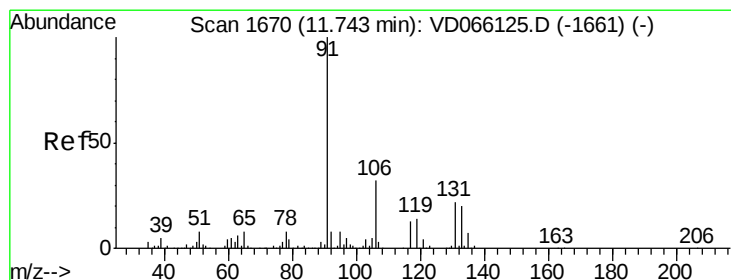
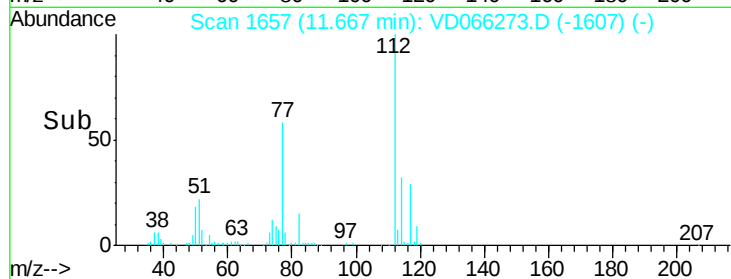
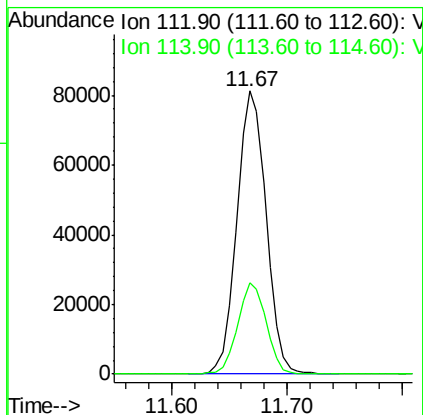
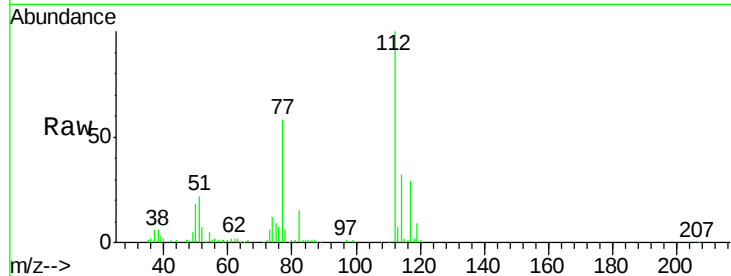




#65
Chlorobenzene
Concen: 20.235 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

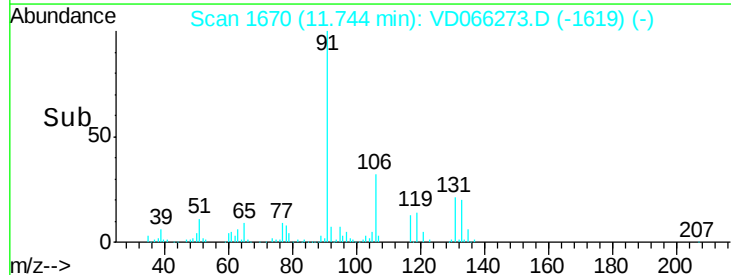
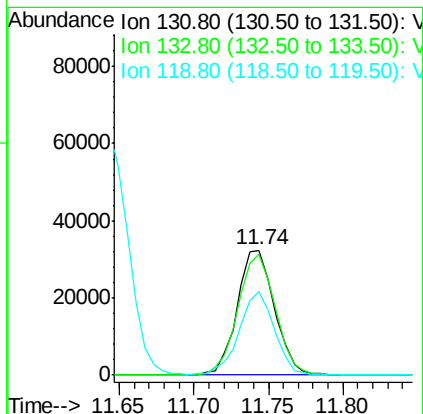
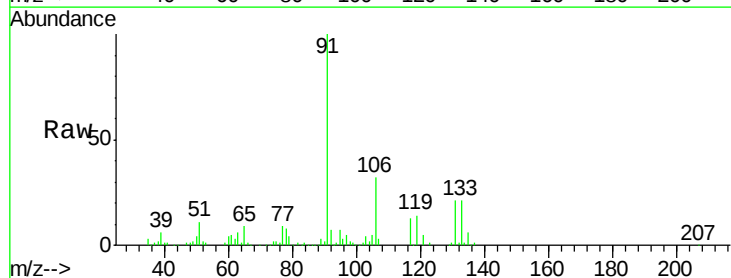
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

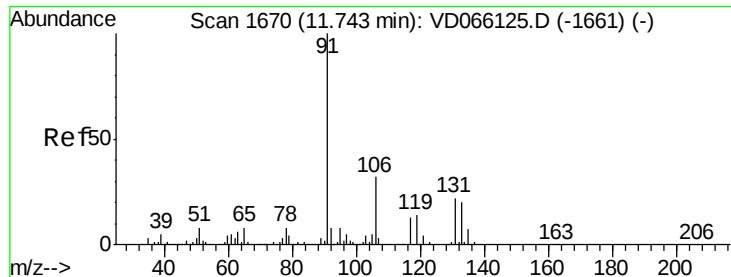
Tgt Ion:112 Resp: 142239
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.404 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion:131 Resp: 56119
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.4
119 63.5 31.6 94.7

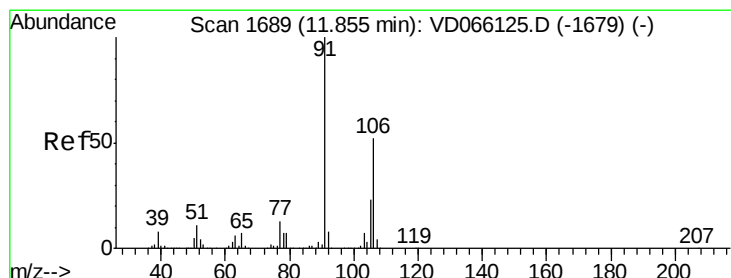
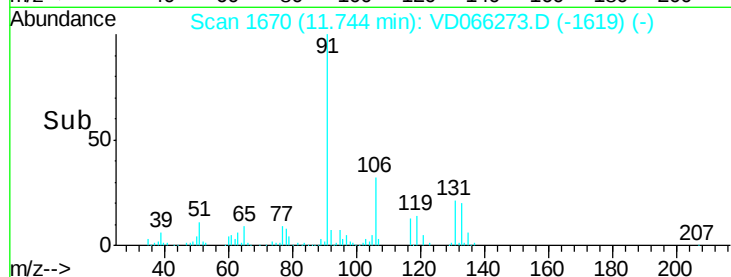
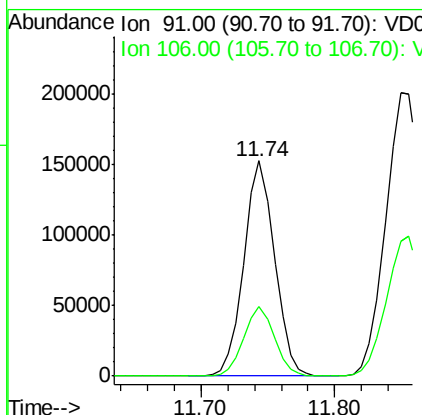
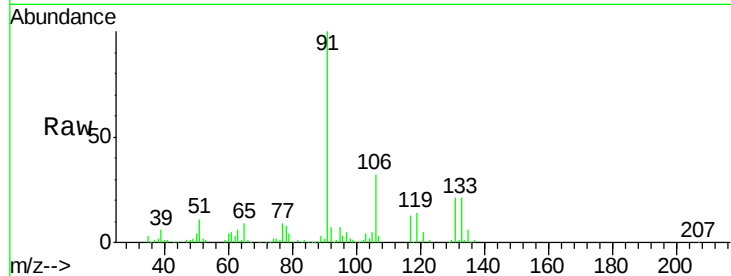




#67
Ethyl Benzene
Concen: 19.893 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

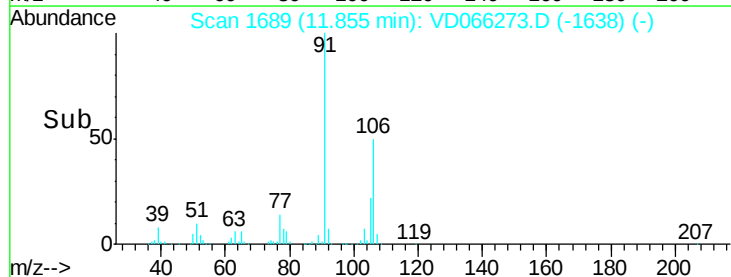
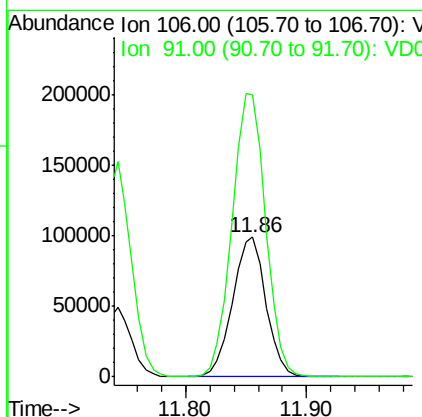
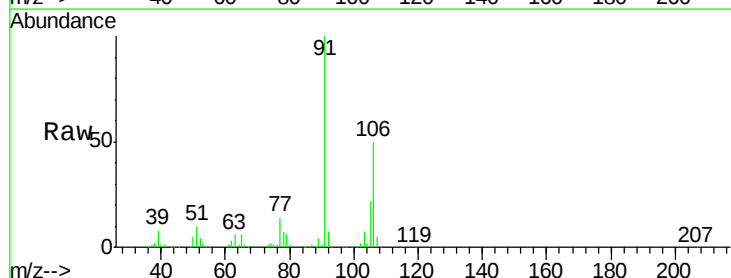
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

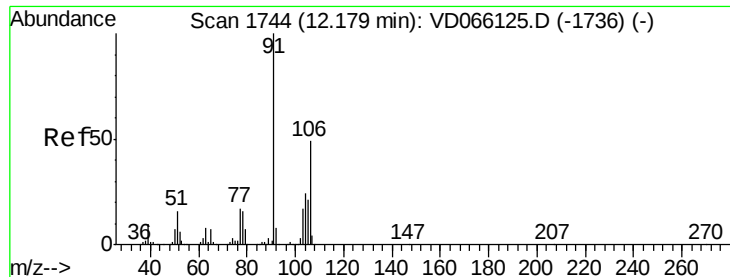
Tgt Ion: 91 Resp: 242320
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 40.249 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 106 Resp: 189956
Ion Ratio Lower Upper
106 100
91 204.4 156.6 235.0

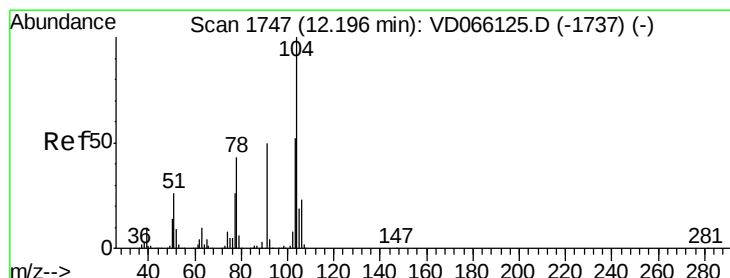
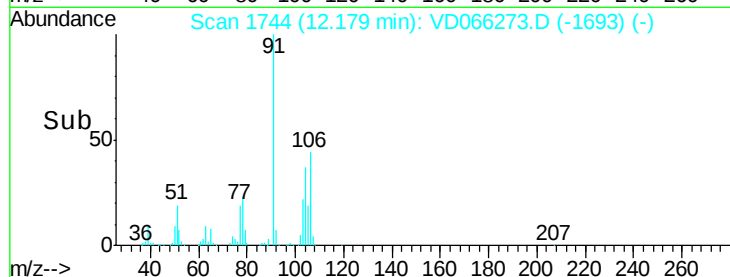
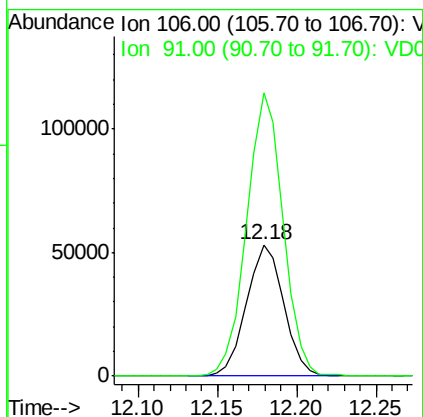
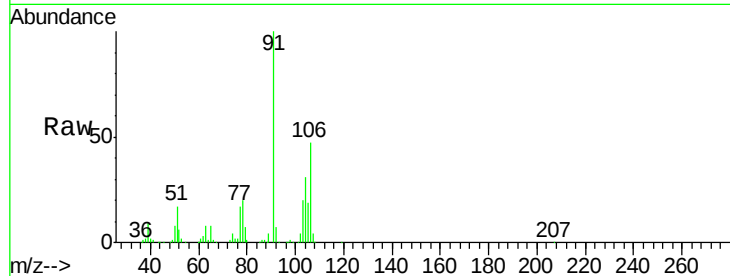




#69
o-Xylene
Concen: 20.313 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

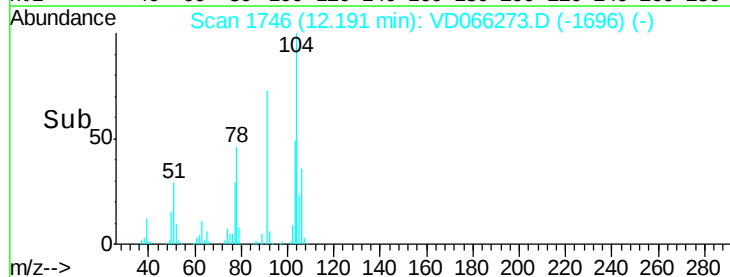
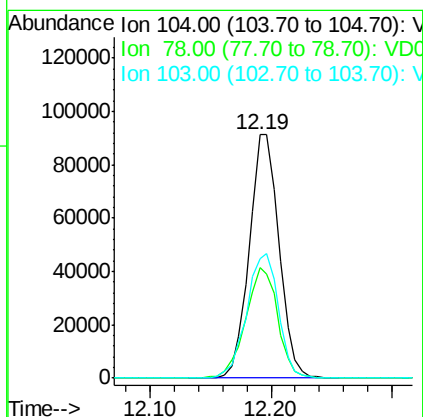
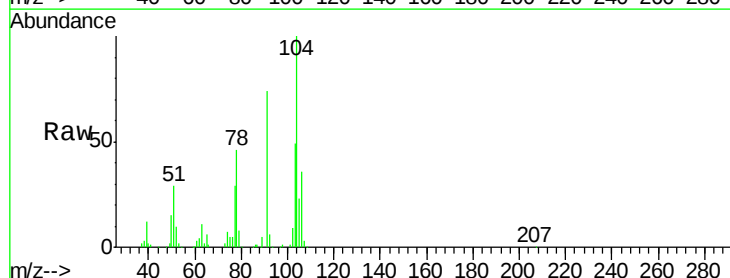
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

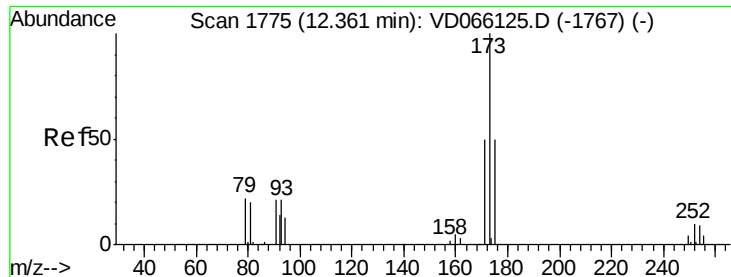
Tgt Ion:106 Resp: 87208
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.1



#70
Styrene
Concen: 20.932 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion:104 Resp: 157491
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 54.8 44.1 66.1

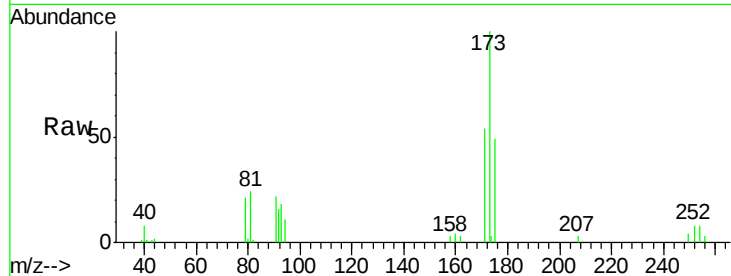




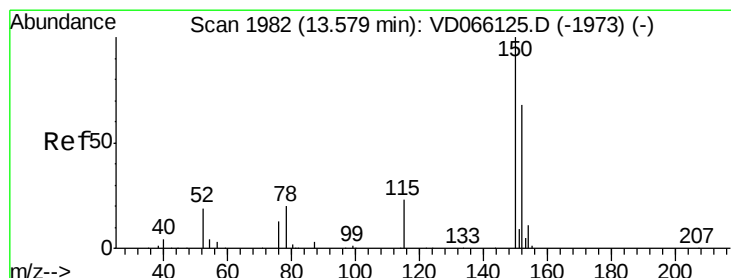
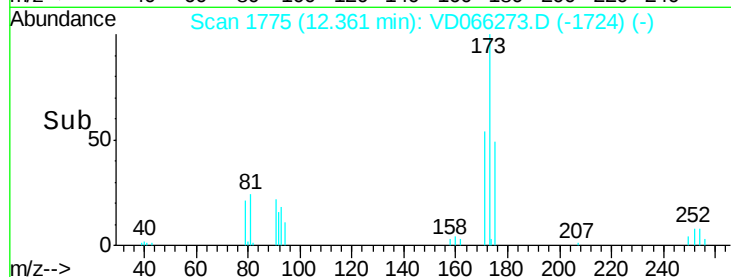
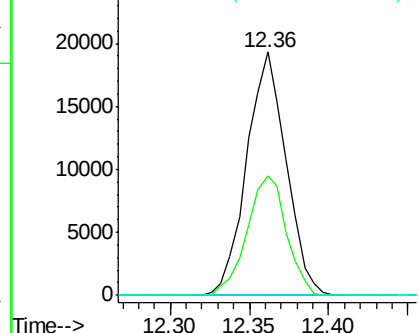
#71
Bromoform
Concen: 20.483 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion:173 Resp: 33377
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.2 0.2#

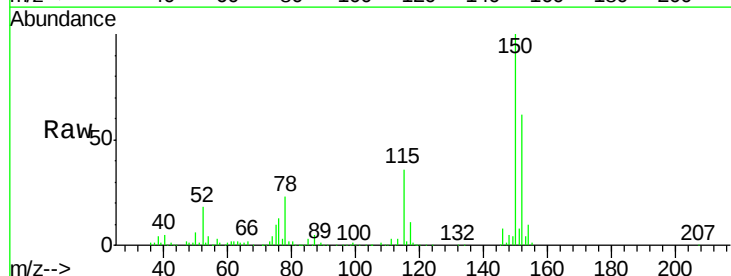


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

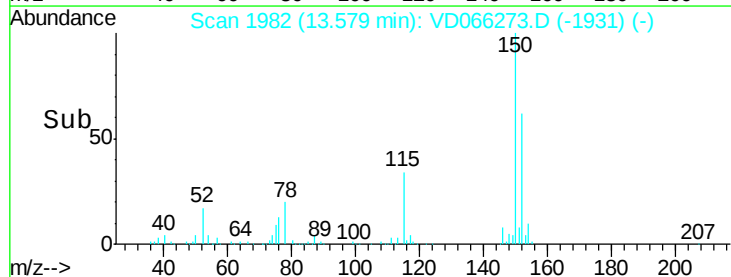
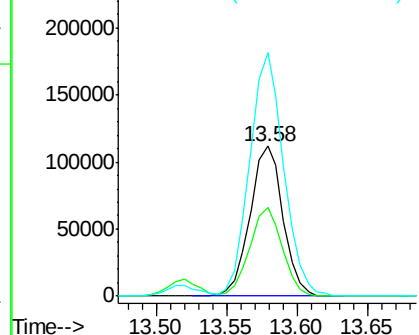


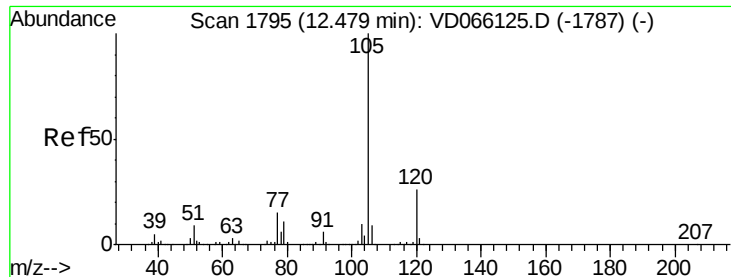
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion:152 Resp: 183226
Ion Ratio Lower Upper
152 100
115 58.5 28.0 83.9
150 167.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.212 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

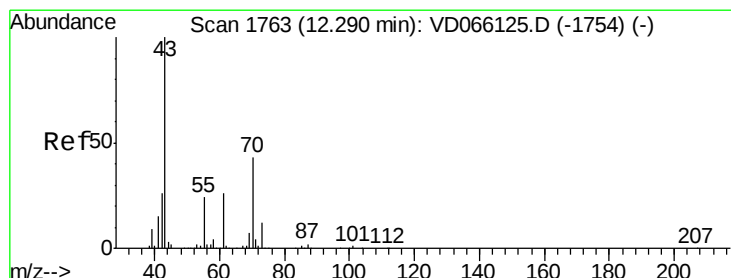
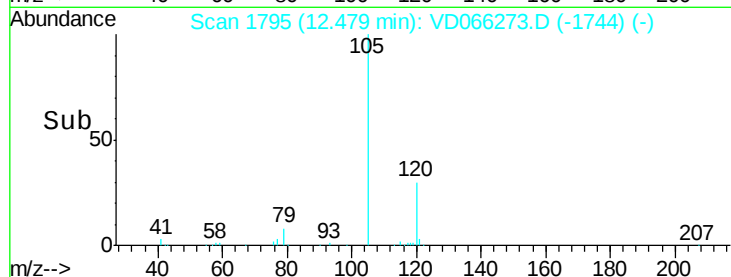
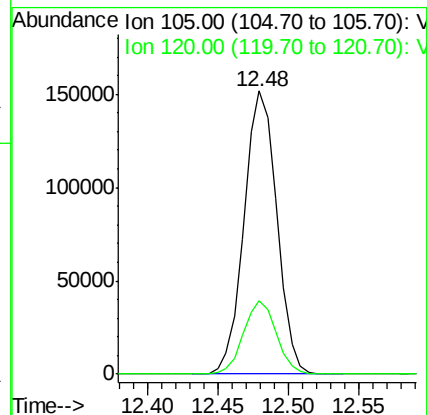
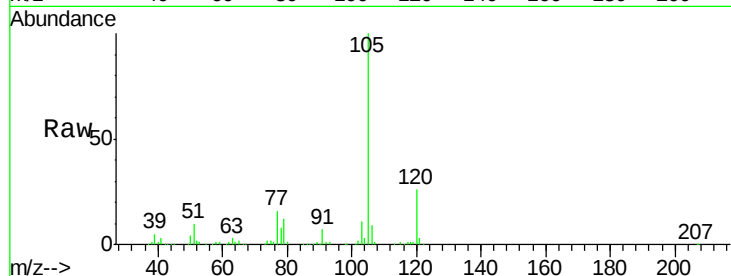
VD0818SBS01

Tgt Ion: 105 Resp: 247208

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



#74

N-ethyl acetate

Concen: 18.018 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Tgt Ion: 43 Resp: 48528

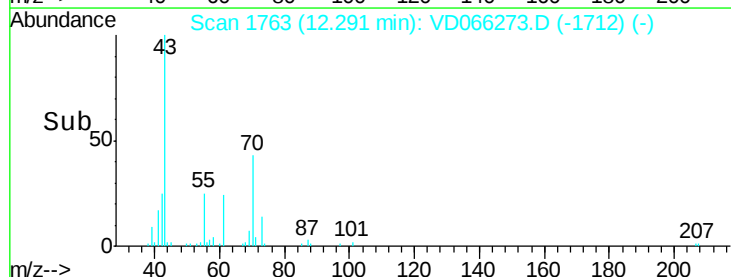
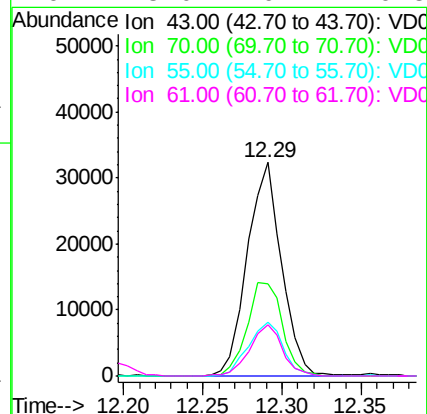
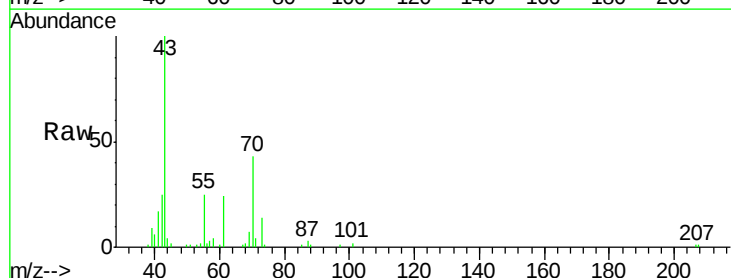
Ion Ratio Lower Upper

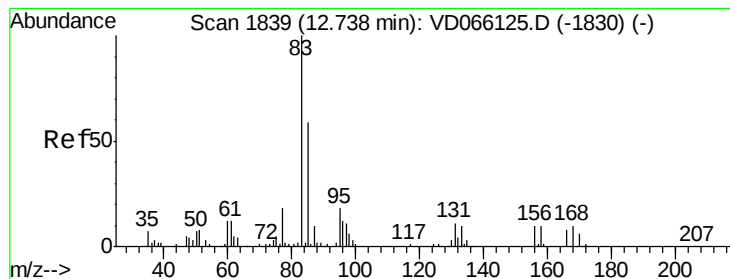
43 100

70 45.2 34.9 52.3

55 25.7 19.2 28.8

61 23.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.429 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

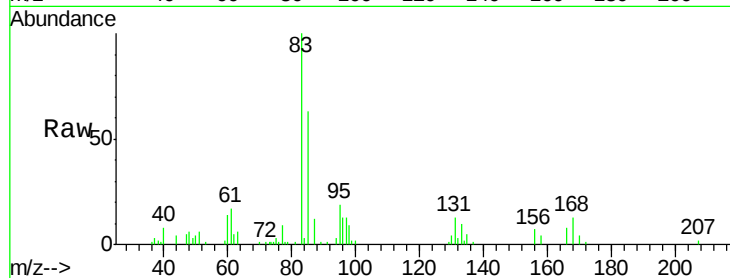
Tgt Ion: 83 Resp: 40521

Ion Ratio Lower Upper

83 100

131 12.1 6.2 18.6

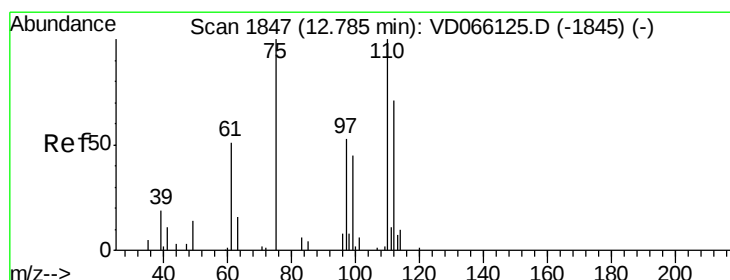
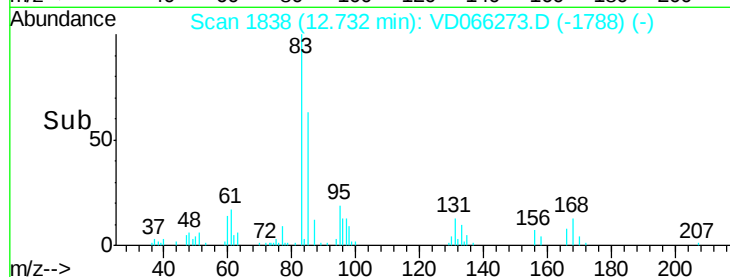
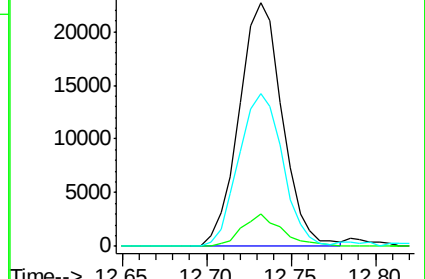
85 63.7 32.4 97.2



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: 35.440 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066273.D

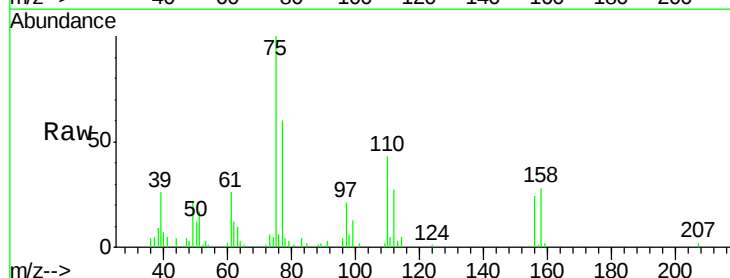
Acq: 18 Aug 2020 13:05

Tgt Ion: 75 Resp: 54151

Ion Ratio Lower Upper

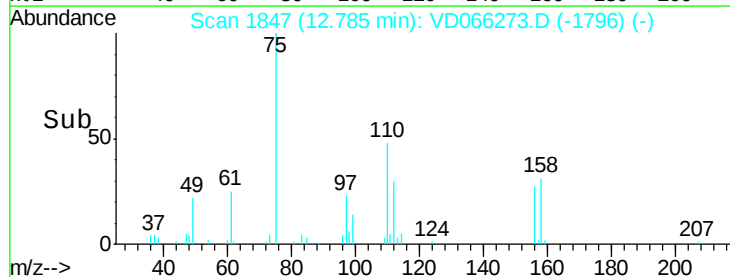
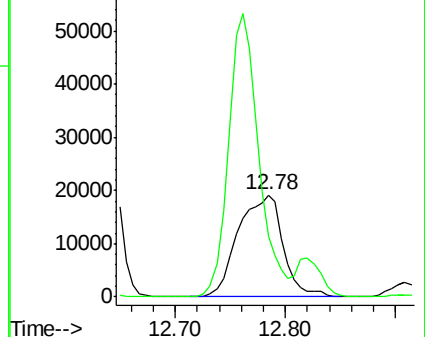
75 100

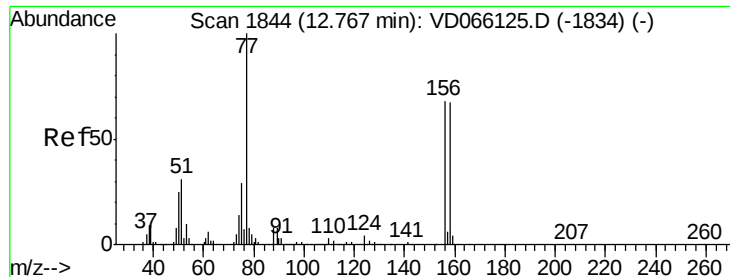
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.149 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

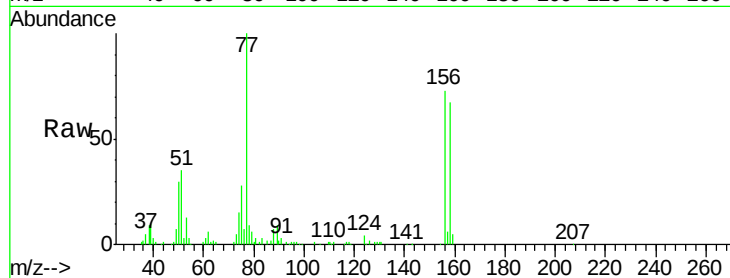
Tgt Ion:156 Resp: 63437

Ion Ratio Lower Upper

156 100

77 160.5 81.0 243.1

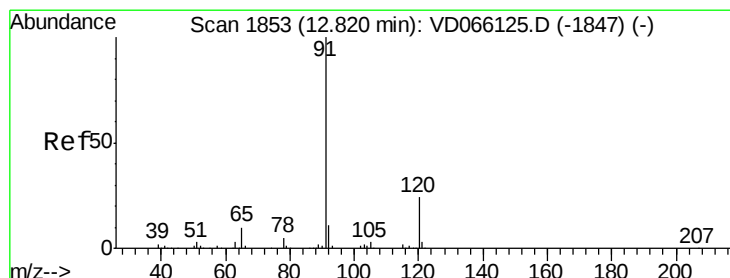
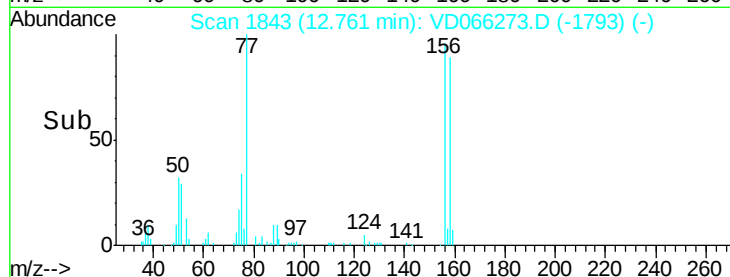
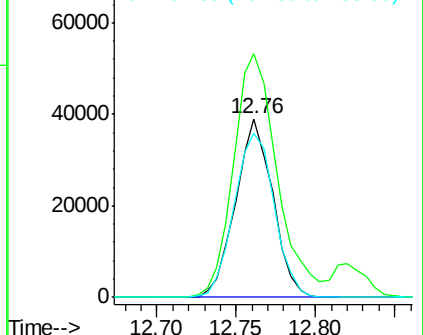
158 99.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.224 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066273.D

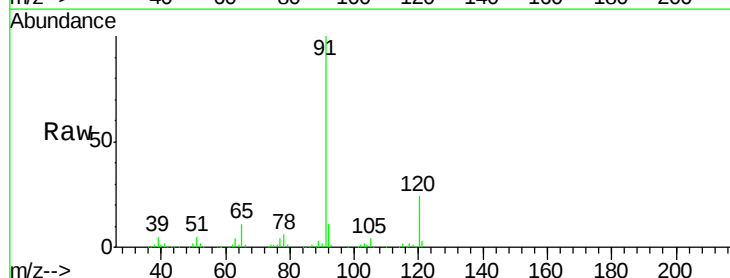
Acq: 18 Aug 2020 13:05

Tgt Ion: 91 Resp: 287537

Ion Ratio Lower Upper

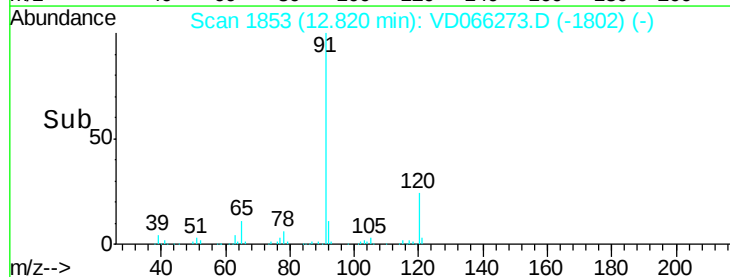
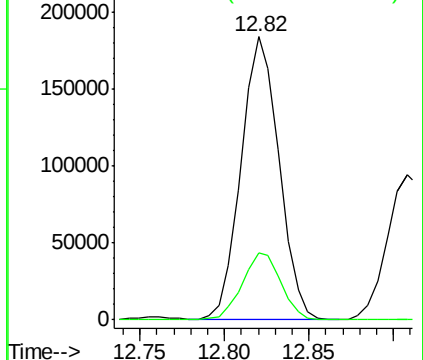
91 100

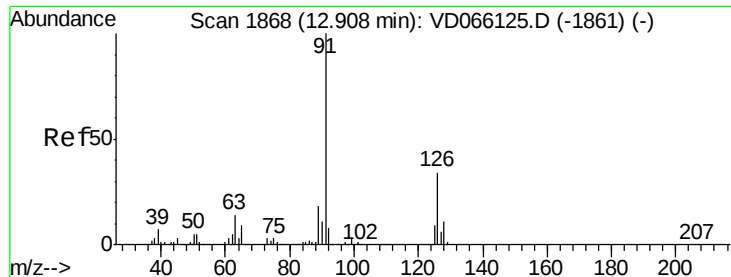
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

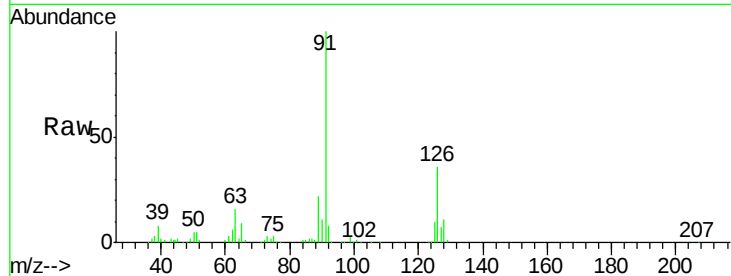




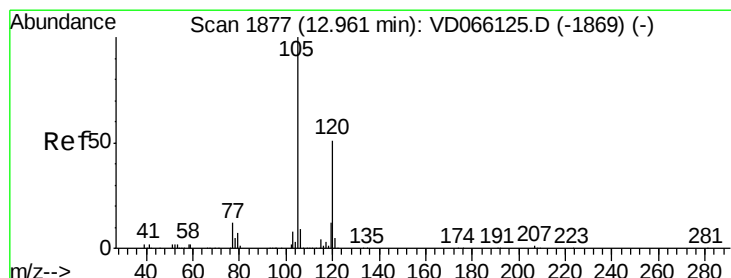
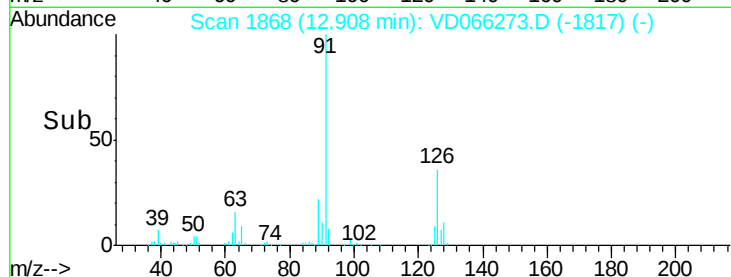
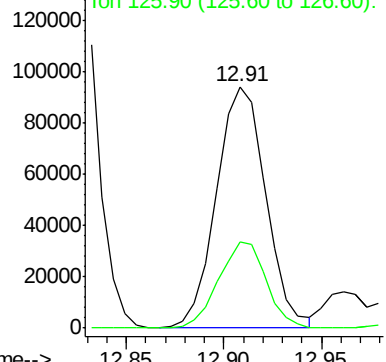
#79
2-Chlorotoluene
Concen: 20.254 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion: 91 Resp: 164695
Ion Ratio Lower Upper
91 100
126 34.6 17.5 52.6

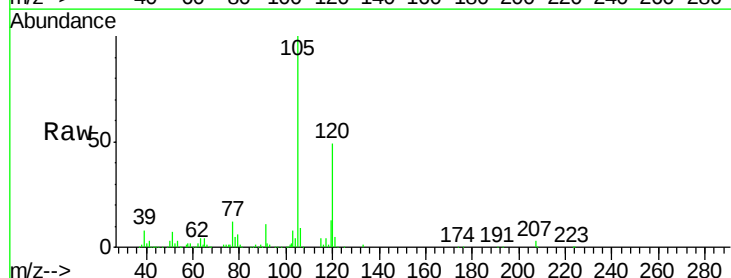


Abundance Ion 91.00 (90.70 to 91.70): VD
Ion 125.90 (125.60 to 126.60): V

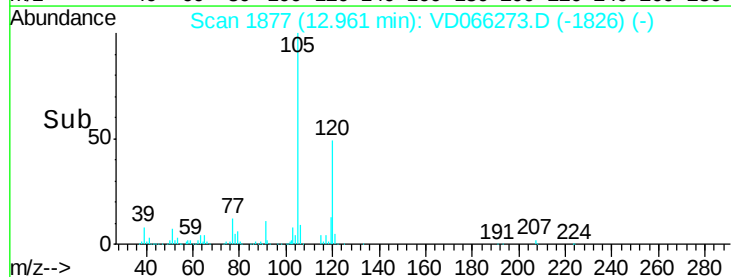
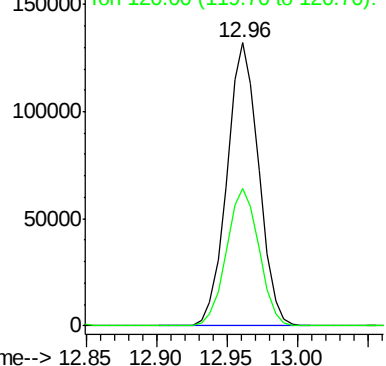


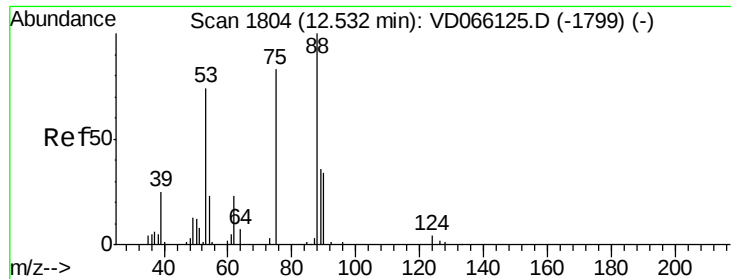
#80
1,3,5-Trimethylbenzene
Concen: 20.432 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 105 Resp: 208989
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.311 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

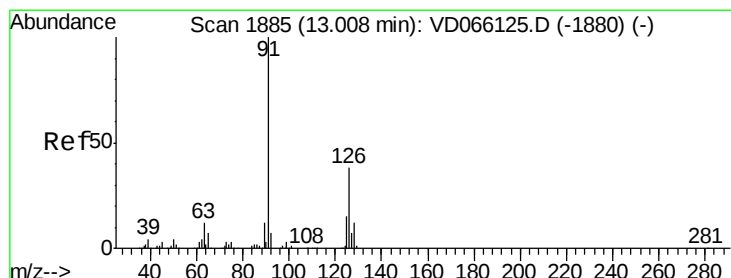
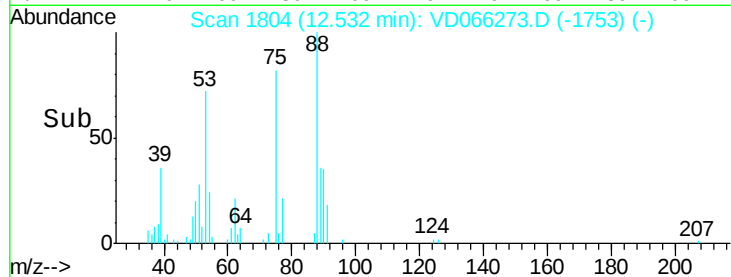
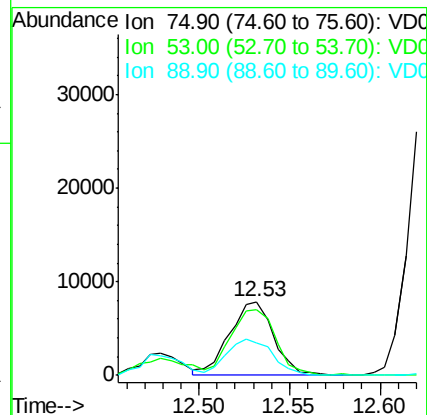
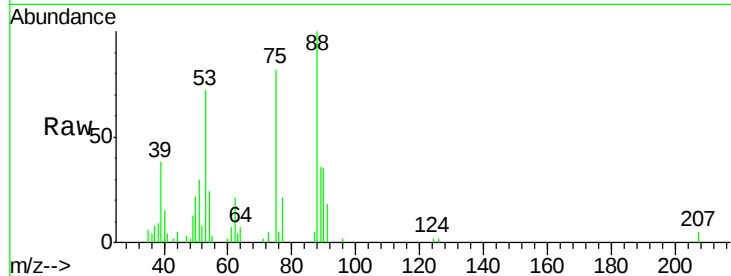
Tgt Ion: 75 Resp: 13348

Ion Ratio Lower Upper

75 100

53 91.1 73.4 110.2

89 50.6 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.542 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066273.D

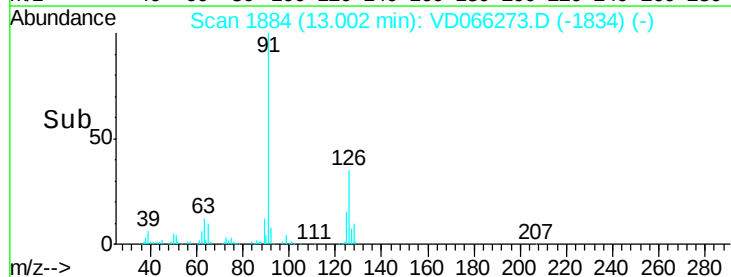
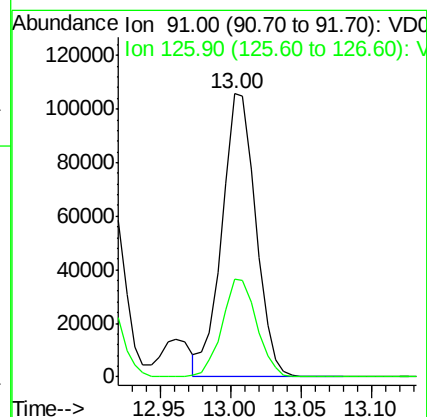
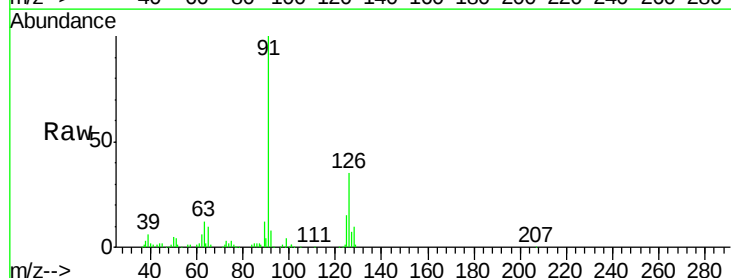
Acq: 18 Aug 2020 13:05

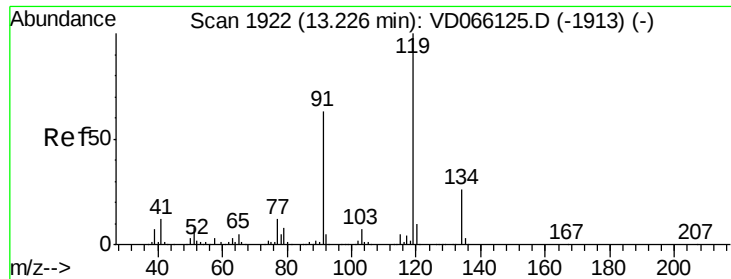
Tgt Ion: 91 Resp: 176334

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.3

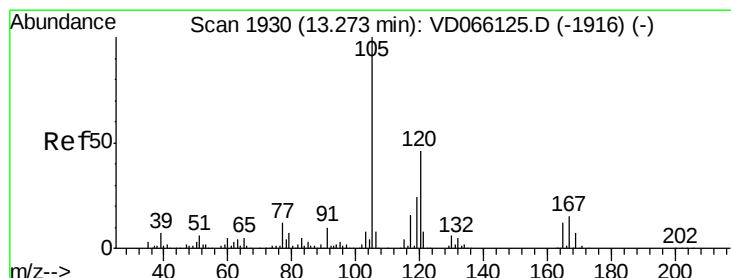
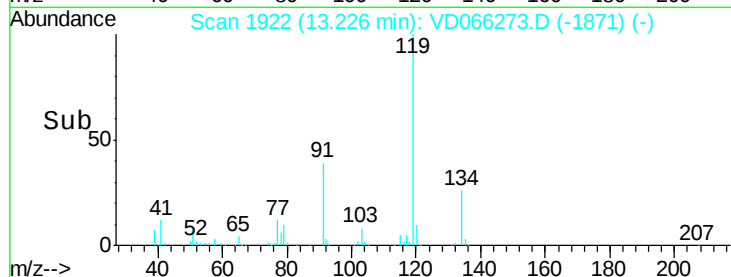
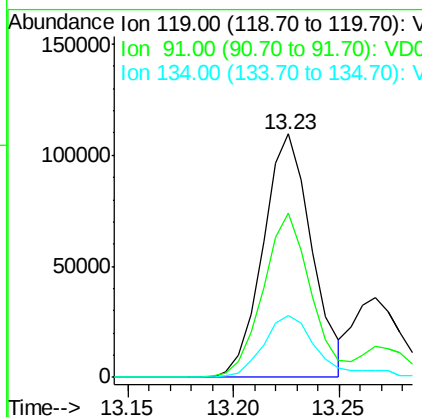
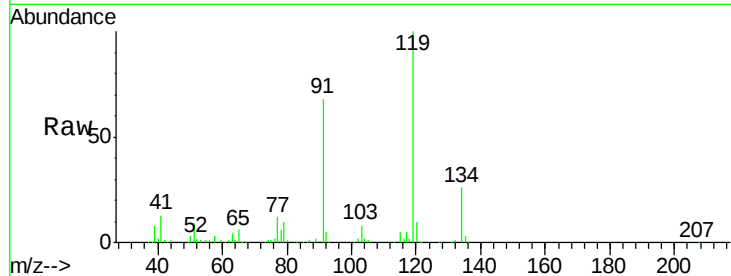




#83
tert-Butylbenzene
Concen: 19.542 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

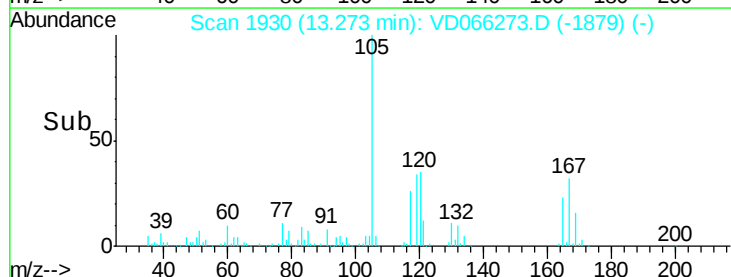
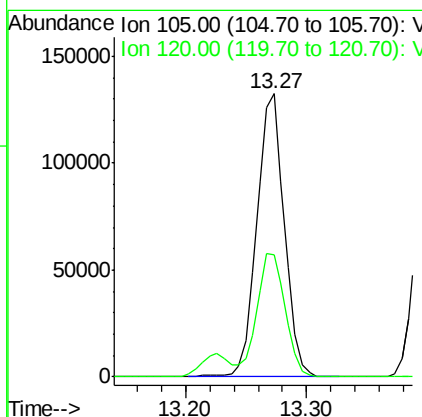
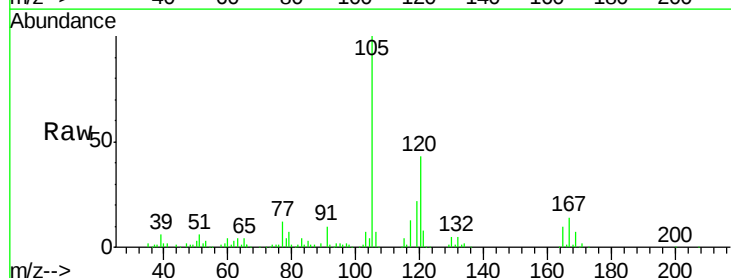
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

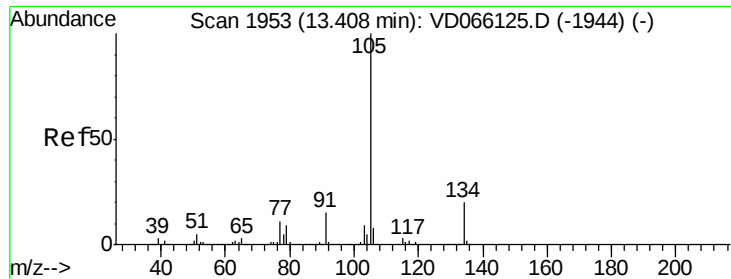
Tgt Ion:119 Resp: 175789
Ion Ratio Lower Upper
119 100
91 66.6 30.8 92.4
134 29.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.539 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion:105 Resp: 210247
Ion Ratio Lower Upper
105 100
120 44.7 23.1 69.2

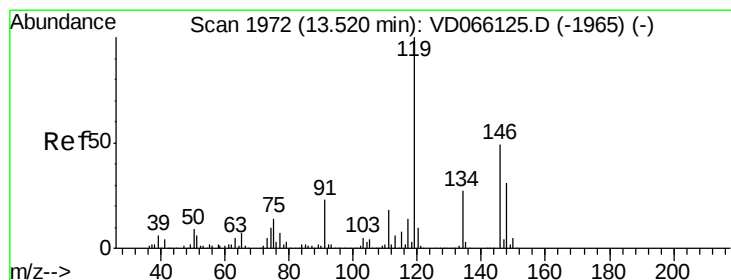
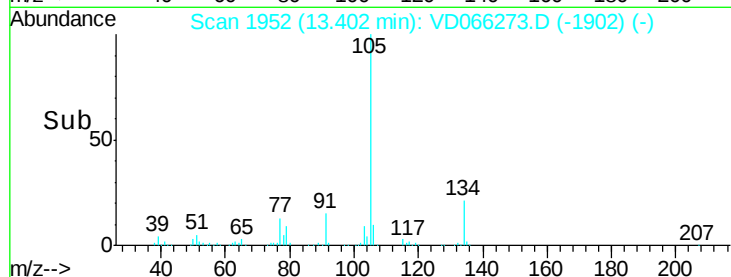
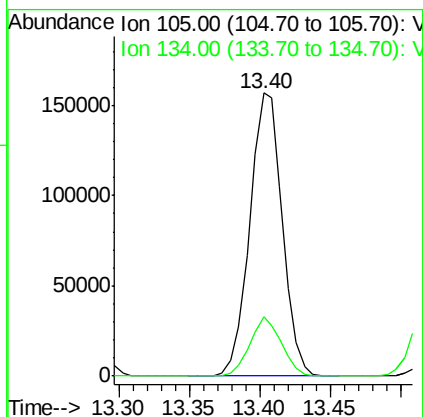
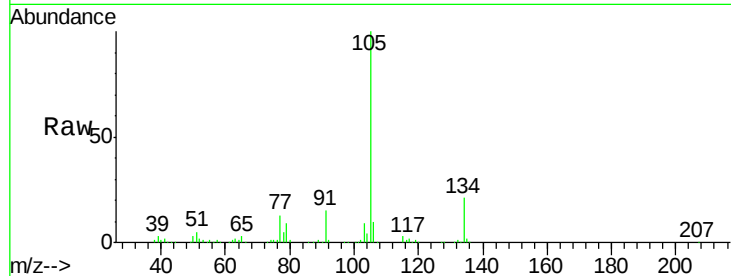




#85
 sec-Butylbenzene
 Concen: 20.843 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

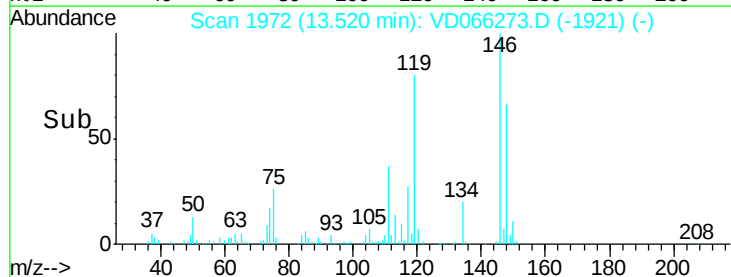
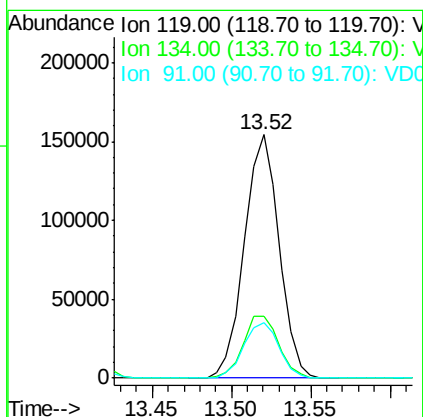
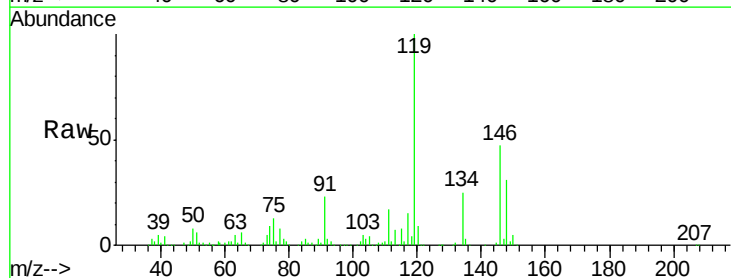
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

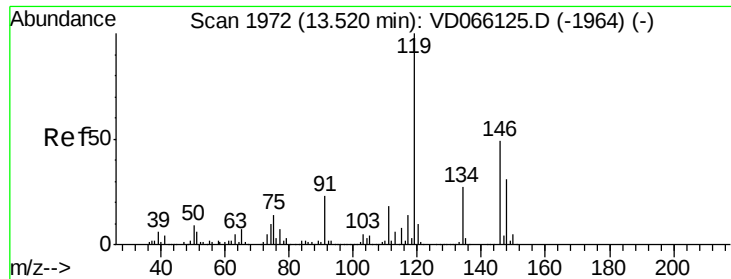
Tgt Ion:105 Resp: 253140
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.613 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion:119 Resp: 234799
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 23.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.032 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

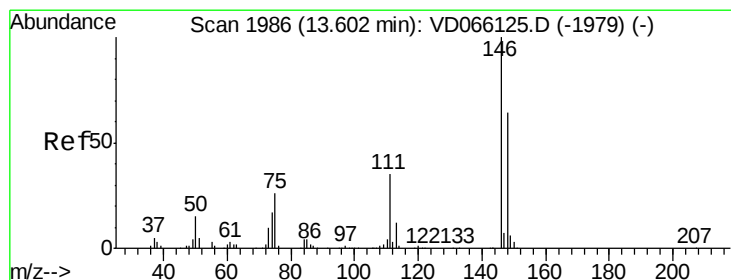
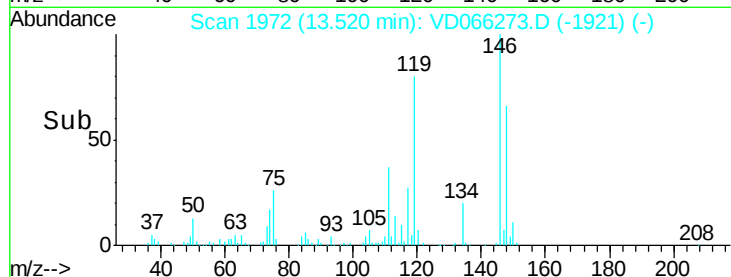
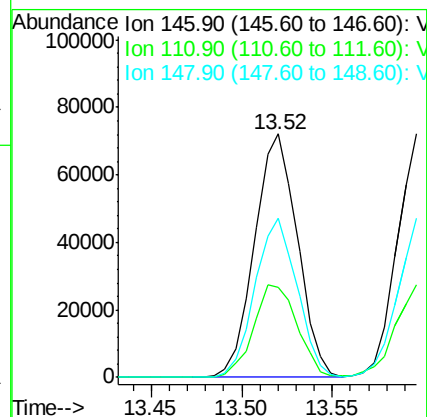
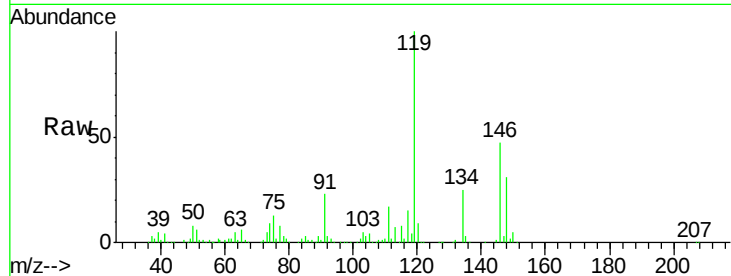
Tgt Ion:146 Resp: 118535

Ion Ratio Lower Upper

146 100

111 39.0 18.9 56.9

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.218 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD066273.D

Acq: 18 Aug 2020 13:05

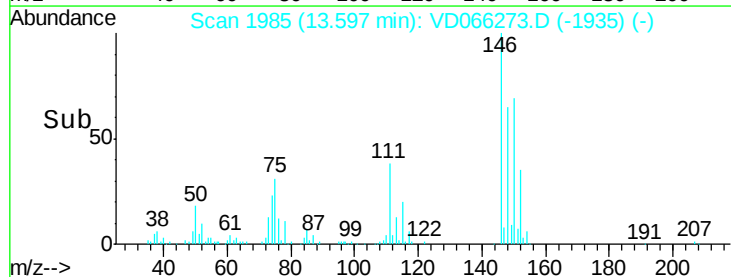
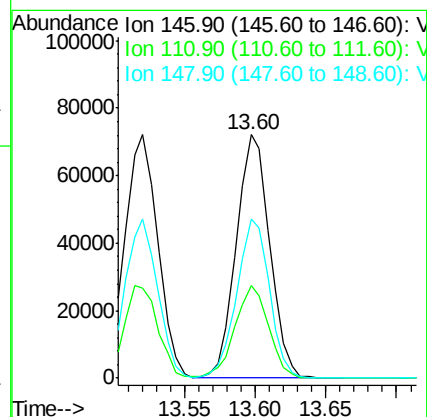
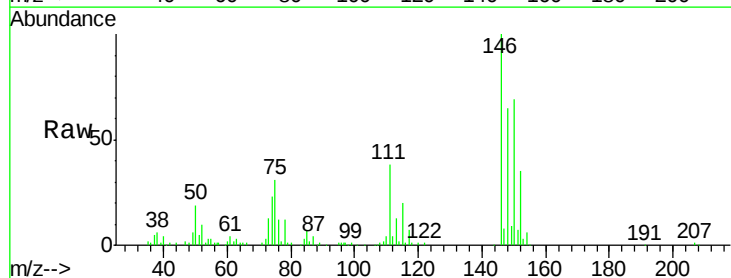
Tgt Ion:146 Resp: 119311

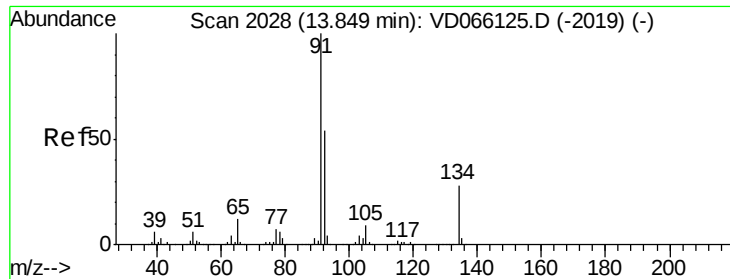
Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.8

148 63.9 32.4 97.0

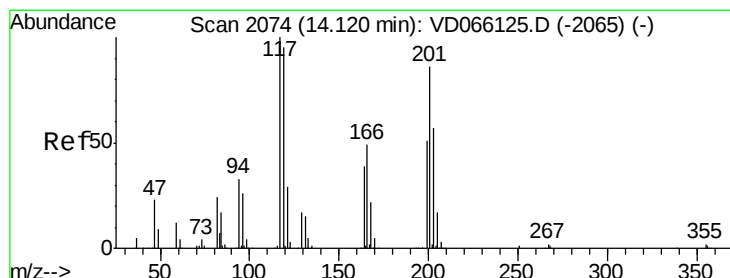
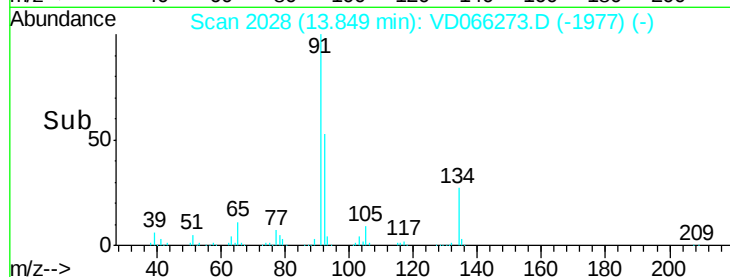
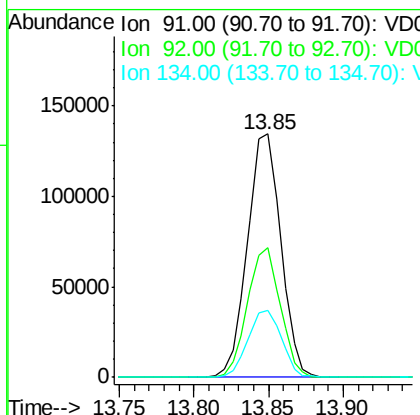
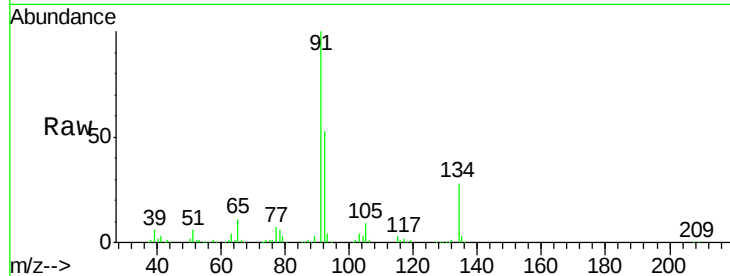




#89
n-Butylbenzene
Concen: 20.351 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

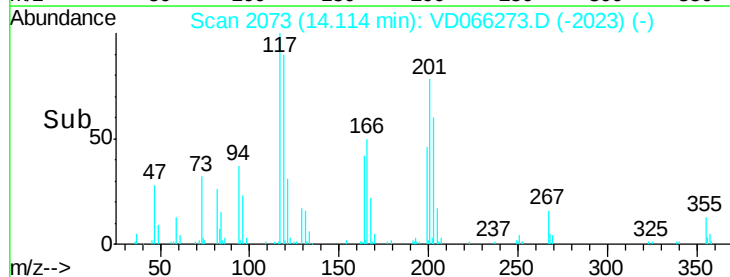
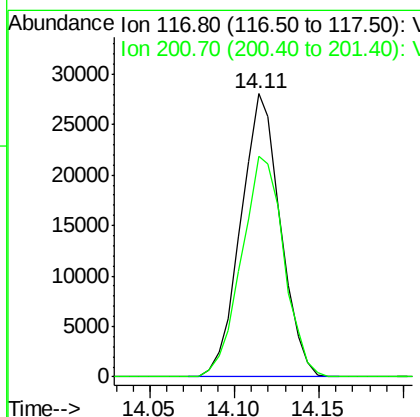
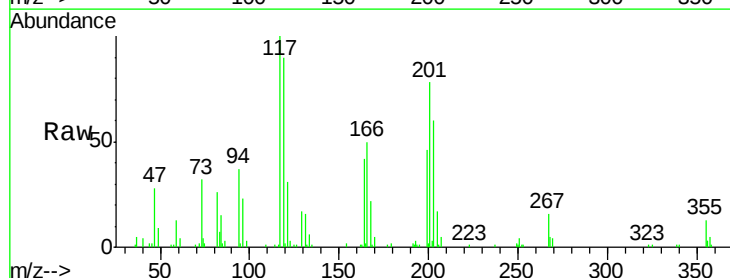
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

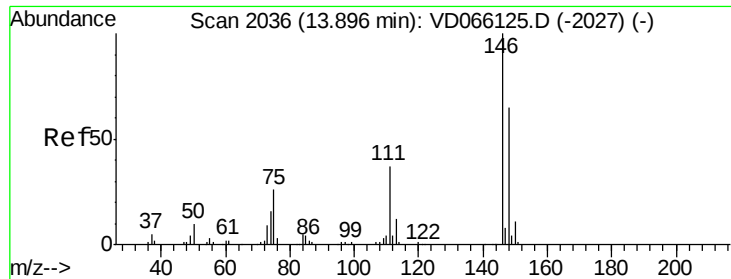
Tgt Ion: 91 Resp: 207696
Ion Ratio Lower Upper
91 100
92 52.2 26.8 80.3
134 27.7 14.0 41.9



#90
Hexachloroethane
Concen: 20.134 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion: 117 Resp: 45742
Ion Ratio Lower Upper
117 100
201 83.4 42.7 128.1

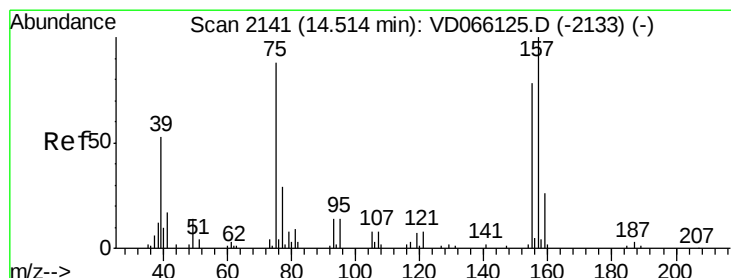
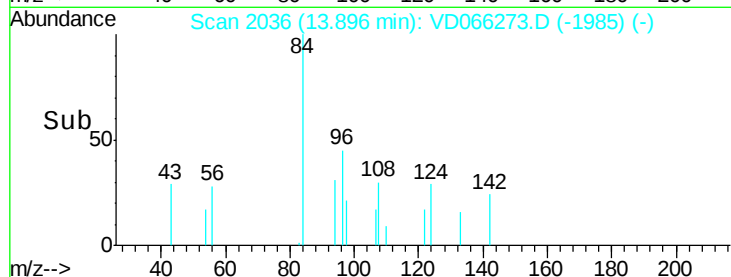
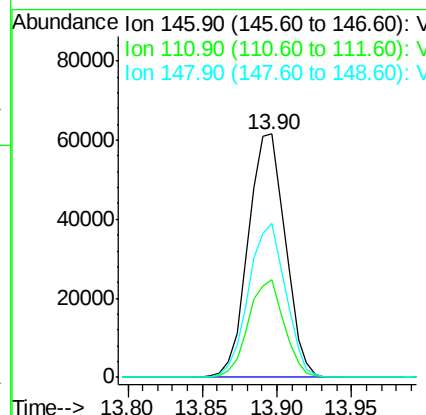
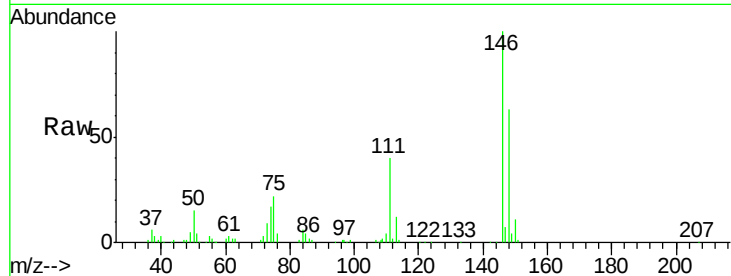




#91
 1,2-Dichlorobenzene
 Concen: 20.217 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

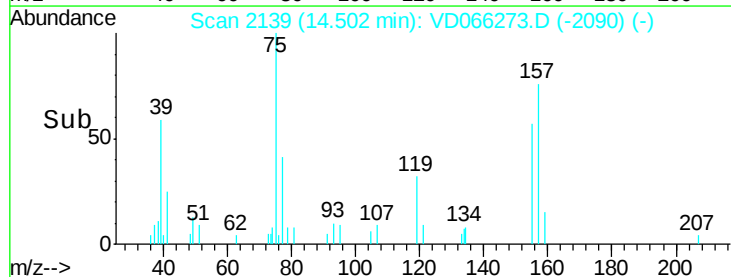
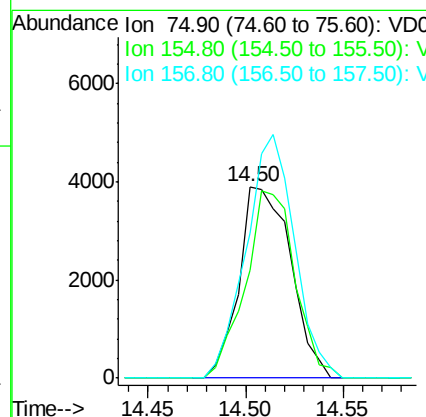
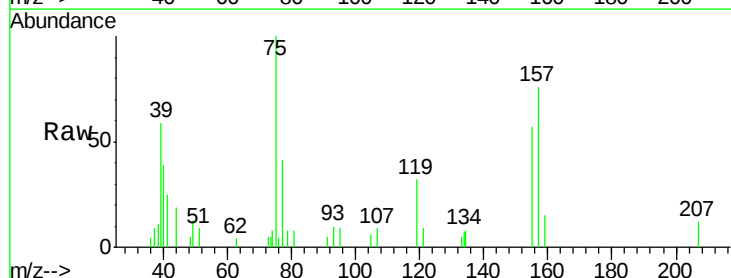
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

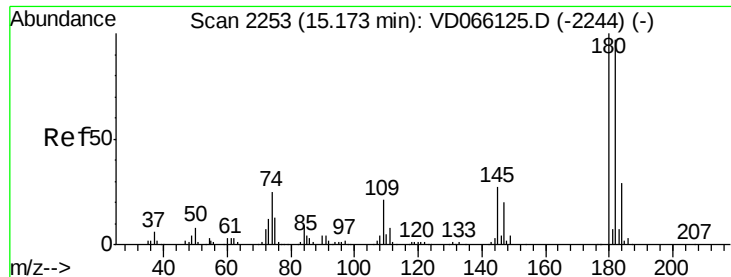
Tgt Ion:146 Resp: 105797
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.3
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.867 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion: 75 Resp: 7121
 Ion Ratio Lower Upper
 75 100
 155 94.2 47.7 143.1
 157 119.7 62.1 186.2

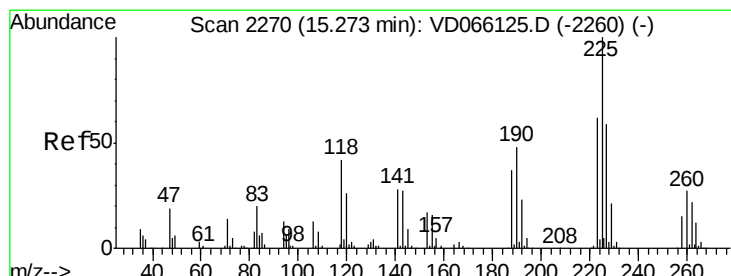
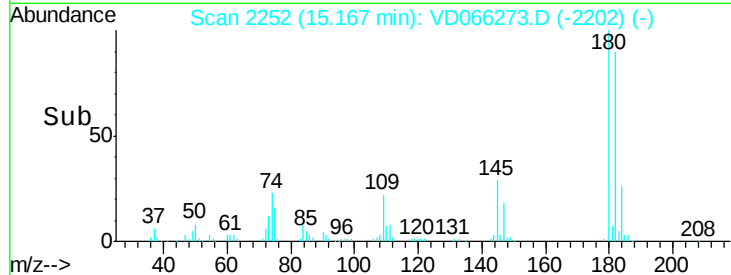
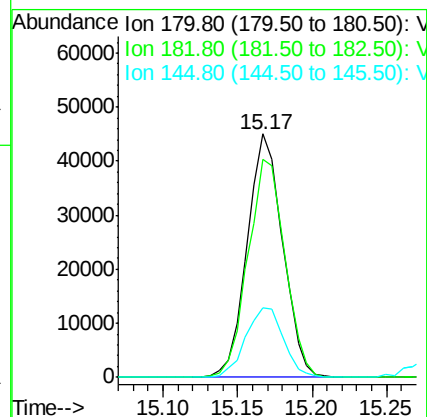
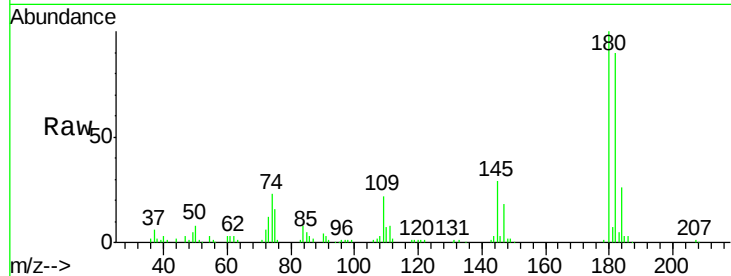




#93
 1,2,4-Trichlorobenzene
 Concen: 19.193 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

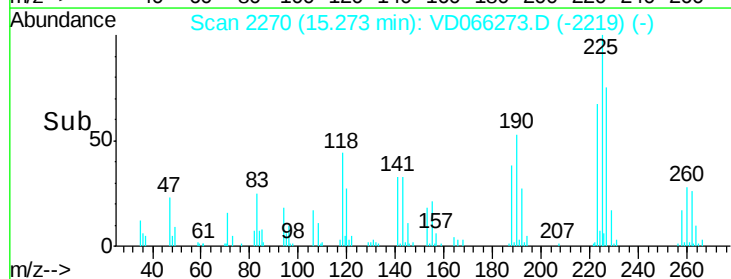
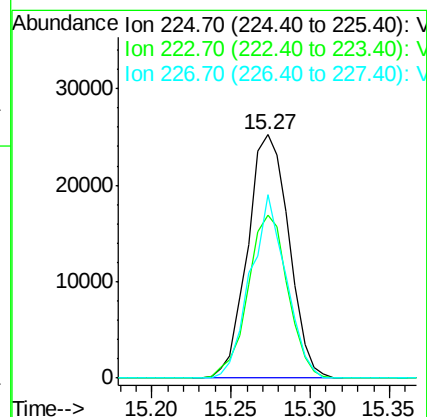
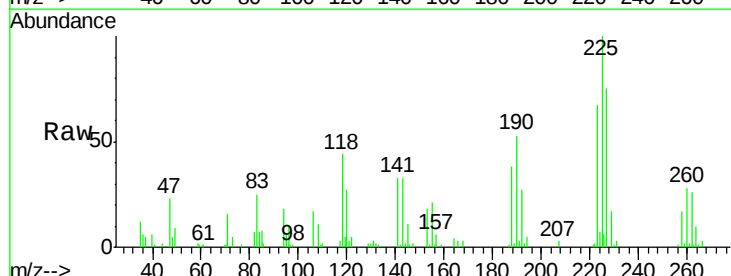
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

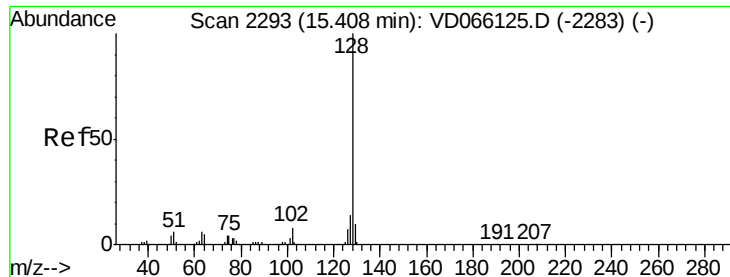
Tgt Ion:180 Resp: 74017
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.4 142.2
 145 30.4 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 20.126 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066273.D
 Acq: 18 Aug 2020 13:05

Tgt Ion:225 Resp: 45705
 Ion Ratio Lower Upper
 225 100
 223 64.8 32.3 96.9
 227 64.9 32.1 96.5

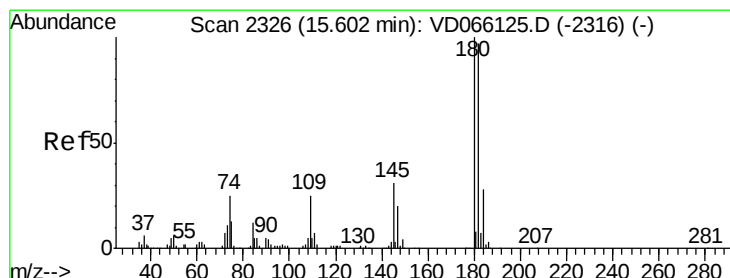
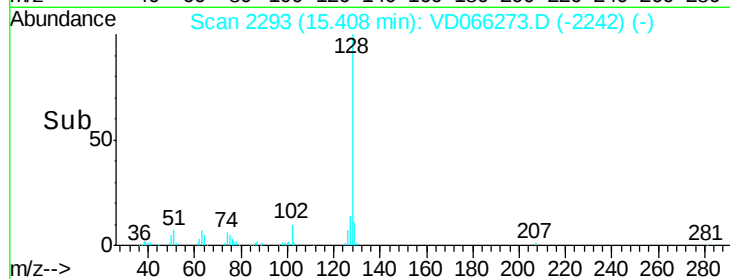
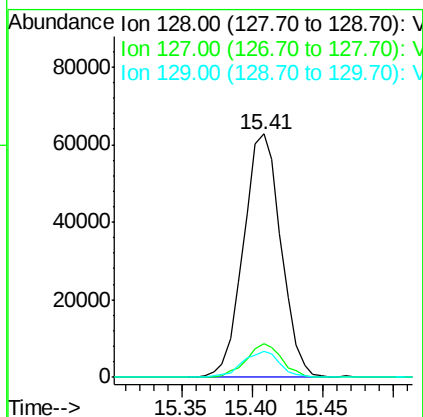
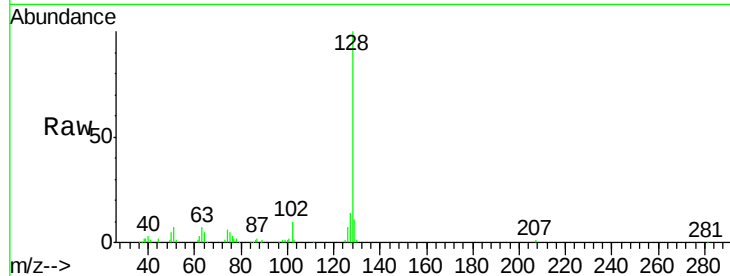




#95
Naphthalene
Concen: 18.621 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion:128 Resp: 117013
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.507 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066273.D
Acq: 18 Aug 2020 13:05

Tgt Ion:180 Resp: 66409
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.4
145 30.1 14.9 44.9

