

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092220\
 Data File : VD066806.D
 Acq On : 22 Sep 2020 12:38
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 22 13:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 22 12:44:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	423551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	618591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	402377	90.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.70%	
35) Dibromofluoromethane	7.91	113	411553	98.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.92%	
50) Toluene-d8	10.34	98	1469750	100.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.14%	
62) 4-Bromofluorobenzene	12.63	95	511202	100.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	287724	82.232	ug/l	96
3) Chloromethane	2.21	50	344127	76.851	ug/l	98
4) Vinyl Chloride	2.35	62	342287	73.559	ug/l	99
5) Bromomethane	2.76	94	249369	75.746	ug/l	99
6) Chloroethane	2.92	64	224336	78.010	ug/l	94
7) Trichlorofluoromethane	3.27	101	717947	87.162	ug/l	98
8) Diethyl Ether	3.71	74	202098	97.040	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	414905	91.141	ug/l	98
10) Methyl Iodide	4.30	142	447342	105.143	ug/l	98
11) Tert butyl alcohol	5.22	59	122246	271.789	ug/l	98
12) 1,1-Dichloroethene	4.07	96	386305	91.491	ug/l	96
13) Acrolein	3.92	56	155847	492.962	ug/l	95
14) Allyl chloride	4.72	41	608914	91.101	ug/l	99
15) Acrylonitrile	5.42	53	449427	491.370	ug/l	99
16) Acetone	4.16	43	436130	470.454	ug/l	98
17) Carbon Disulfide	4.41	76	1183725	89.926	ug/l	98
18) Methyl Acetate	4.72	43	199760	89.948	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	950726	101.379	ug/l	97
20) Methylene Chloride	4.97	84	466062	75.244	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	459618	93.754	ug/l	93
22) Diisopropyl ether	6.36	45	1273847	93.619	ug/l	97
23) Vinyl Acetate	6.31	43	3600105	480.271	ug/l	99
24) 1,1-Dichloroethane	6.27	63	798989	91.748	ug/l	98
25) 2-Butanone	7.21	43	533606	452.190	ug/l	98
26) 2,2-Dichloropropane	7.21	77	707787	88.206	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	519152	96.824	ug/l	99
28) Bromochloromethane	7.55	49	364339	109.026	ug/l	# 99
29) Tetrahydrofuran	7.56	42	352525	486.941	ug/l	98
30) Chloroform	7.71	83	845872	91.400	ug/l	98
31) Cyclohexane	7.98	56	678655	86.262	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	774906	91.525	ug/l	100
36) 1,1-Dichloropropene	8.11	75	646644	93.532	ug/l	99
37) Ethyl Acetate	7.29	43	253426	96.921	ug/l	97
38) Carbon Tetrachloride	8.10	117	690664	93.843	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	772617	97.726	ug/l	99
40) Benzene	8.35	78	1785285	94.948	ug/l	100
41) Methacrylonitrile	7.56	41	350200	247.858	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	532499	92.298	ug/l	99
43) Isopropyl Acetate	8.45	43	483042	97.927	ug/l	98
44) Trichloroethene	9.11	130	511211	100.862	ug/l	100
45) 1,2-Dichloropropane	9.38	63	453719	97.197	ug/l	97
46) Dibromomethane	9.47	93	255113	99.233	ug/l	100
47) Bromodichloromethane	9.66	83	661269	95.138	ug/l #	98
48) Methyl methacrylate	9.46	41	256282	103.819	ug/l	91
49) 1,4-Dioxane	9.46	88	59180	2145.108	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	1248759	492.112	ug/l	100
52) Toluene	10.40	92	1196665	99.310	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	608772	98.385	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	722997	98.359	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	339849	99.779	ug/l	96
56) Ethyl methacrylate	10.66	69	420226	110.149	ug/l	99
57) 1,3-Dichloropropane	10.94	76	576588	97.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	899271	529.454	ug/l	98
59) 2-Hexanone	10.98	43	863760	506.533	ug/l	99
60) Dibromochloromethane	11.14	129	455996	103.369	ug/l	99
61) 1,2-Dibromoethane	11.24	107	332867	102.441	ug/l	99
64) Tetrachloroethene	10.87	164	414851	97.535	ug/l	97
65) Chlorobenzene	11.67	112	1248927	97.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	475548	100.018	ug/l	99
67) Ethyl Benzene	11.74	91	2284963	99.016	ug/l	97
68) m/p-Xylenes	11.85	106	1732621	198.117	ug/l	100
69) o-Xylene	12.18	106	797158	102.836	ug/l	100
70) Styrene	12.20	104	1387036	101.914	ug/l	99
71) Bromoform	12.36	173	247746	103.496	ug/l #	99
73) Isopropylbenzene	12.48	105	2167991	97.911	ug/l	99
74) N-amyl acetate	12.29	43	453498	97.498	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	363796	95.627	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	477326	186.218	ug/l #	100
77) Bromobenzene	12.76	156	491523	95.399	ug/l	99
78) n-propylbenzene	12.82	91	2562412	95.159	ug/l	100
79) 2-Chlorotoluene	12.91	91	1461941	96.047	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1834603	98.130	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	107742	92.431	ug/l	98
82) 4-Chlorotoluene	13.01	91	1506329	93.329	ug/l	100
83) tert-Butylbenzene	13.23	119	1537691	99.560	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1827269	97.750	ug/l	99
85) sec-Butylbenzene	13.40	105	2140175	96.858	ug/l	100
86) p-Isopropyltoluene	13.52	119	1985620	98.911	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	933972	94.886	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	921613	93.940	ug/l	99
89) n-Butylbenzene	13.84	91	1877710	98.741	ug/l	100
90) Hexachloroethane	14.11	117	386553	94.167	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	829501	98.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	60354	99.174	ug/l	97

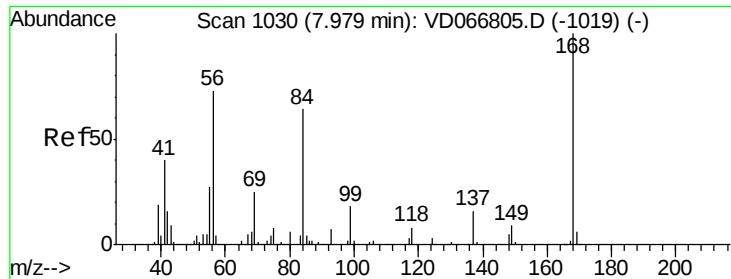
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092220\
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Quant Title : SW846 8260
QLast Update : Tue Sep 22 12:44:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	558569	109.343	ug/l	96
94) Hexachlorobutadiene	15.27	225	310746	100.816	ug/l	99
95) Naphthalene	15.40	128	1039819	115.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	473150	105.176	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

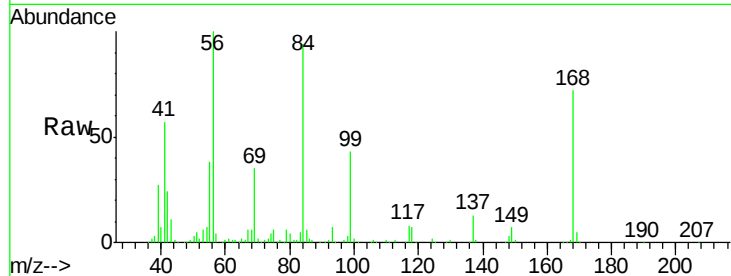
VSTDIC100

Tgt Ion:168 Resp: 423551

Ion Ratio Lower Upper

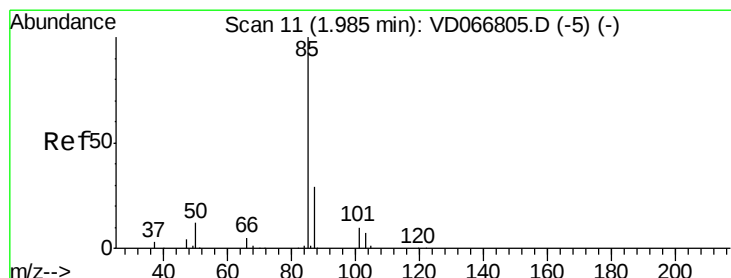
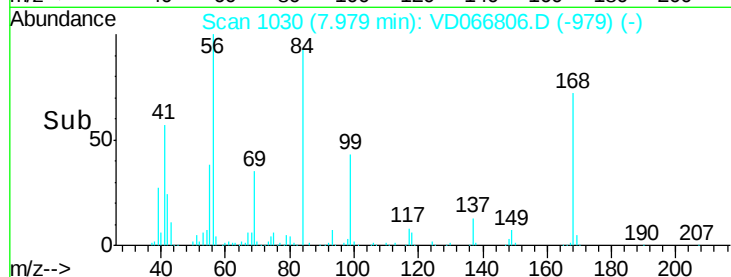
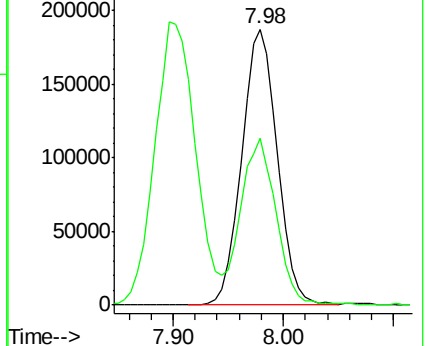
168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 82.232 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066806.D

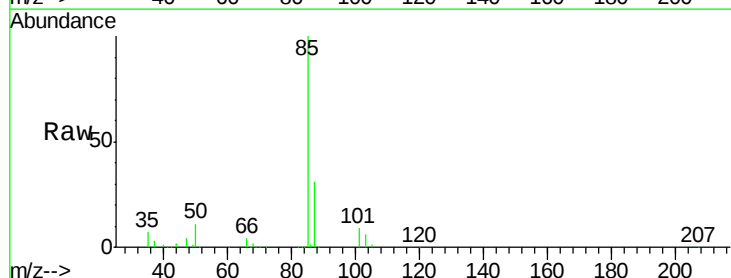
Acq: 22 Sep 2020 12:38

Tgt Ion: 85 Resp: 287724

Ion Ratio Lower Upper

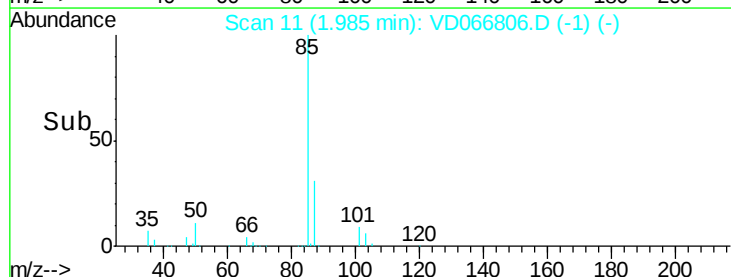
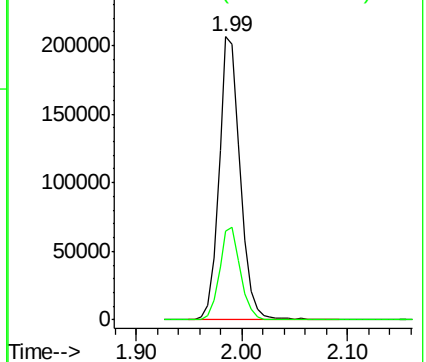
85 100

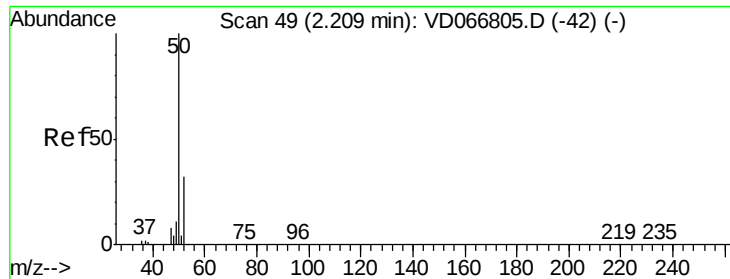
87 31.3 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 76.851 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

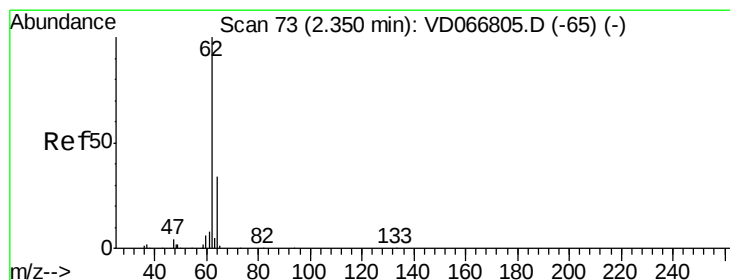
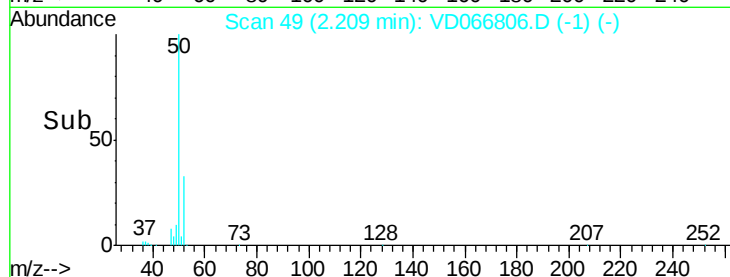
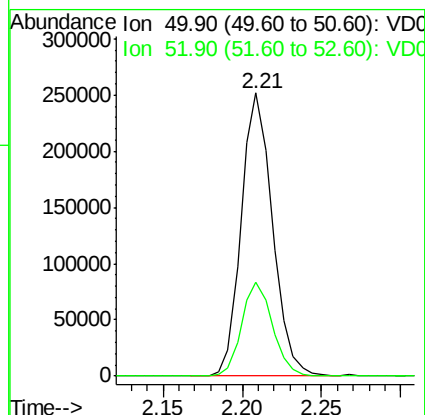
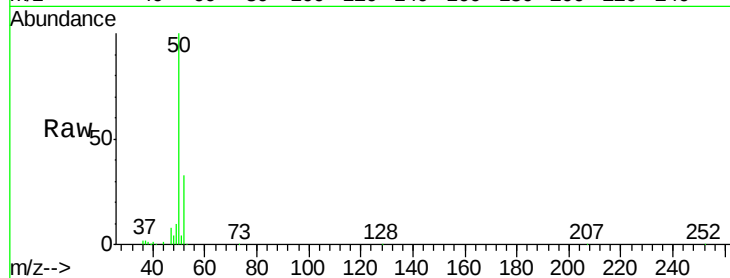
VSTDIC100

Tgt Ion: 50 Resp: 344127

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 73.559 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066806.D

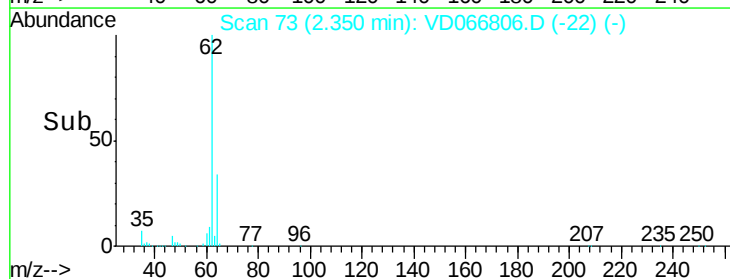
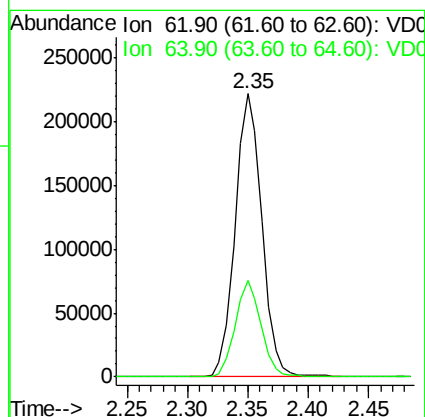
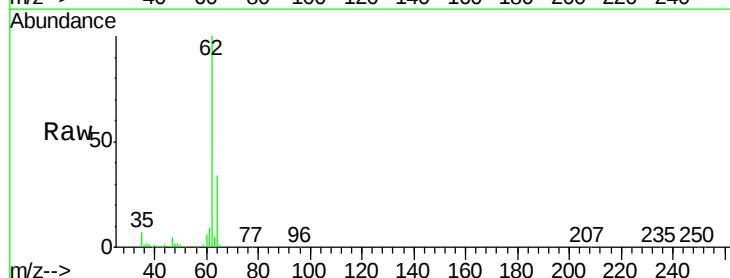
Acq: 22 Sep 2020 12:38

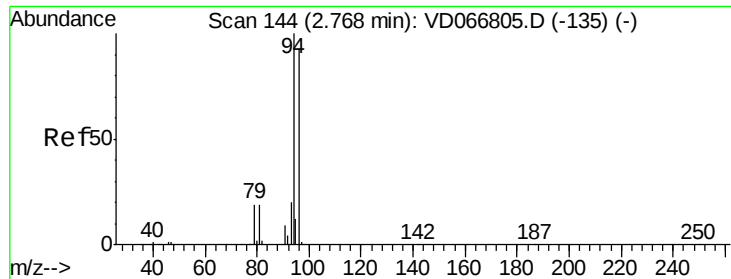
Tgt Ion: 62 Resp: 342287

Ion Ratio Lower Upper

62 100

64 34.2 27.0 40.4





#5

Bromomethane

Concen: 75.746 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

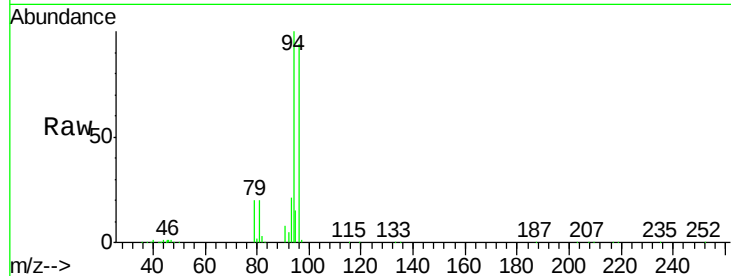
VSTDIC100

Tgt Ion: 94 Resp: 249369

Ion Ratio Lower Upper

94 100

96 93.7 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

120000

100000

80000

60000

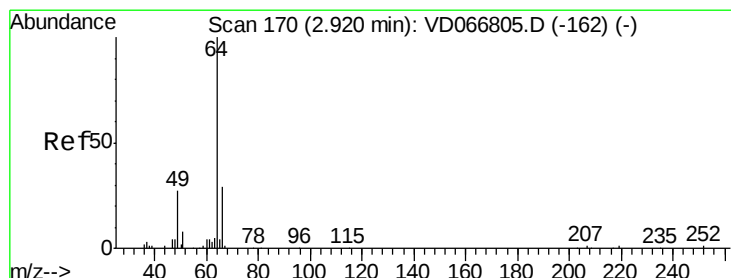
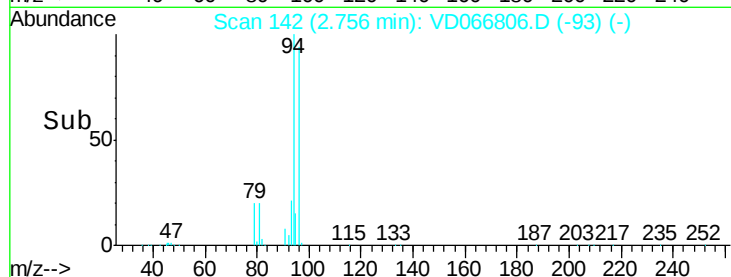
40000

20000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 78.010 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066806.D

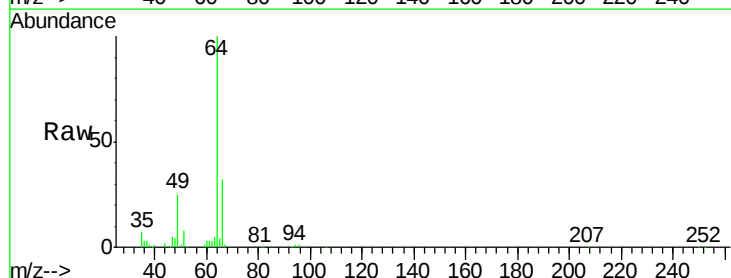
Acq: 22 Sep 2020 12:38

Tgt Ion: 64 Resp: 224336

Ion Ratio Lower Upper

64 100

66 32.0 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

120000

100000

80000

60000

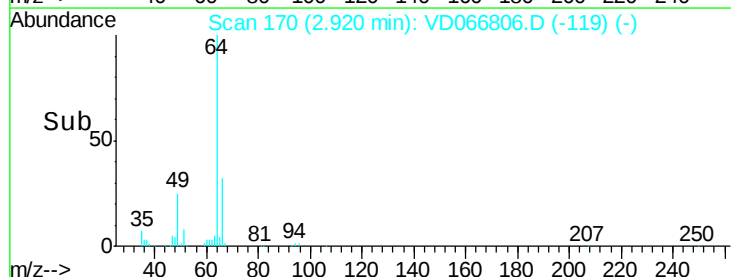
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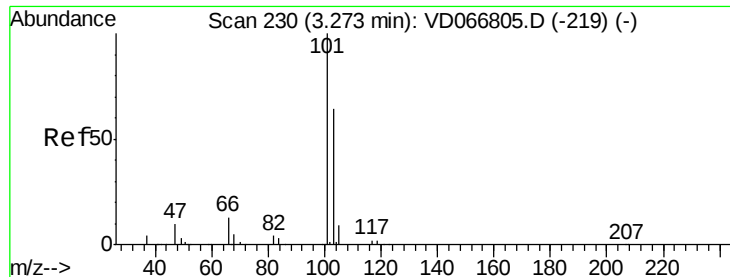
20000

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Time-->

2.80 2.90 3.00



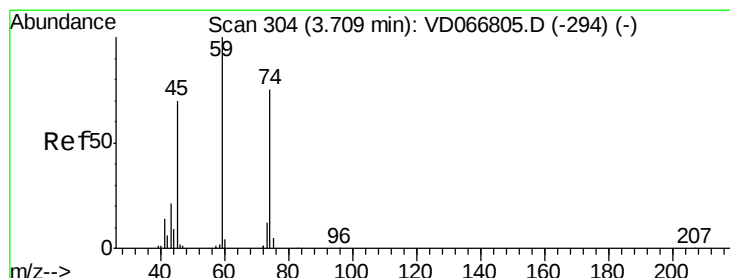
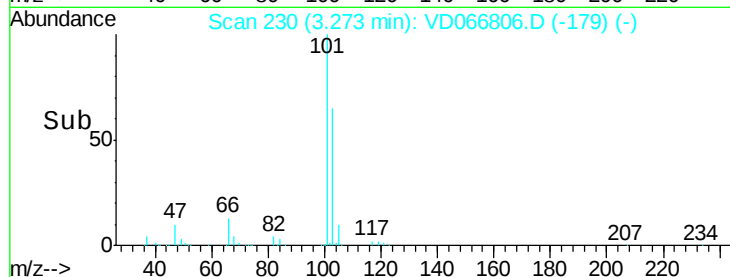
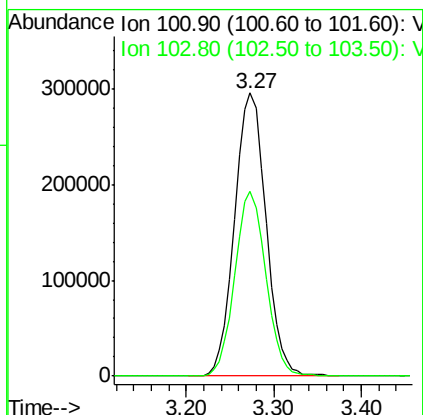
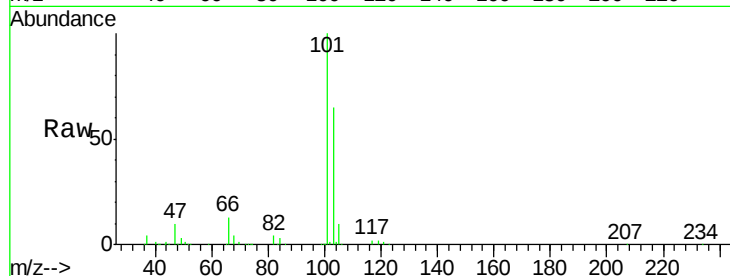


#7

Trichlorofluoromethane
 Concen: 87.162 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Instrument :
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 VSTDIC100

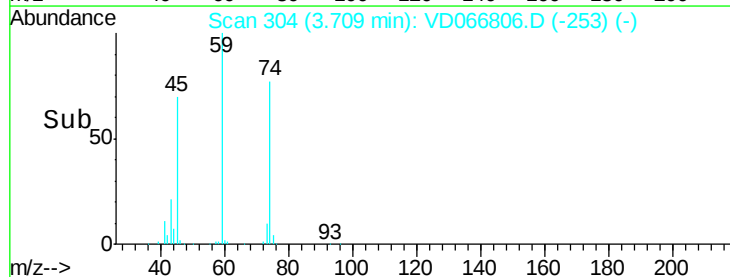
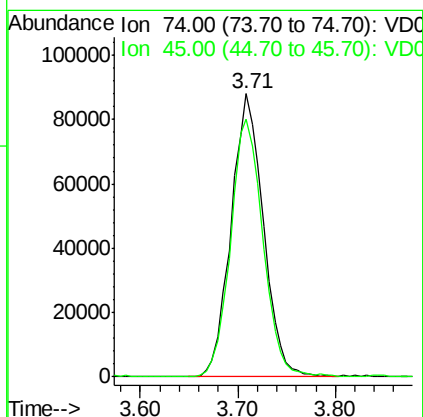
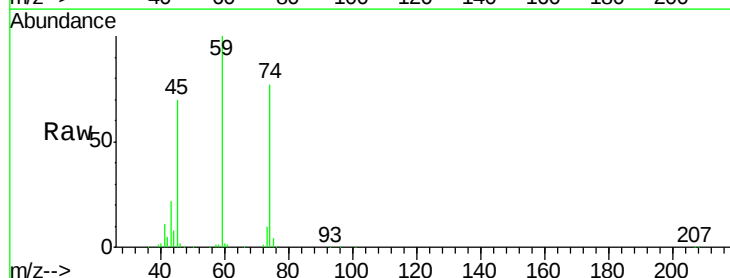
Tgt Ion: 101 Resp: 717947
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.6

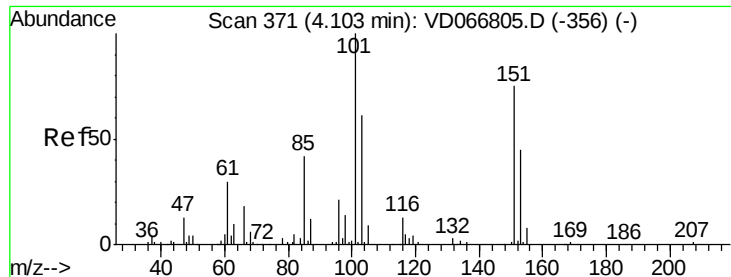


#8

Diethyl Ether
 Concen: 97.040 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 74 Resp: 202098
 Ion Ratio Lower Upper
 74 100
 45 91.6 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.141 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

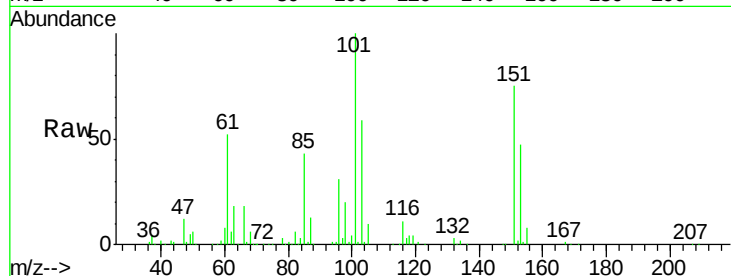
Tgt Ion:101 Resp: 414905

Ion Ratio Lower Upper

101 100

85 43.5 35.4 53.2

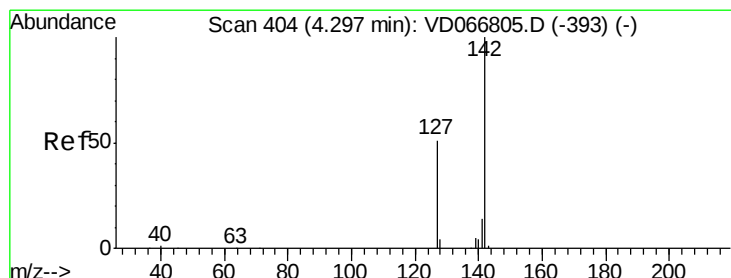
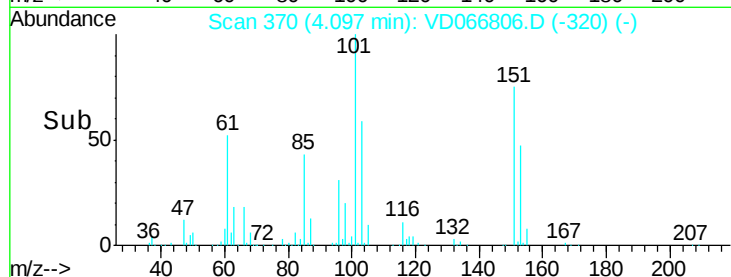
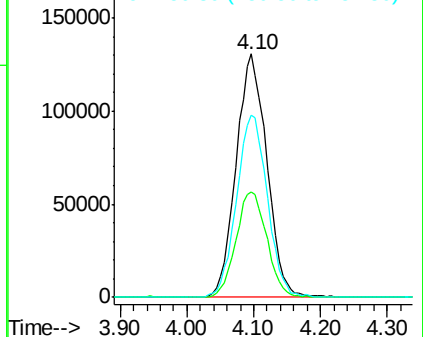
151 75.1 61.4 92.0



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: 105.143 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

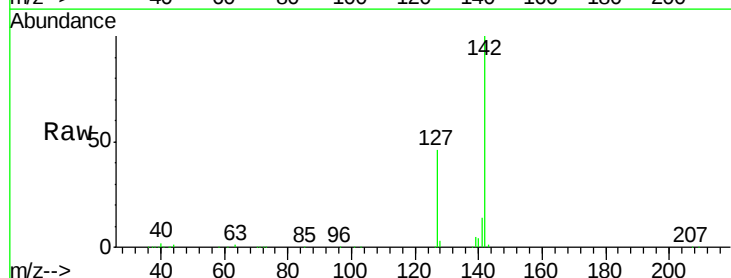
Tgt Ion:142 Resp: 447342

Ion Ratio Lower Upper

142 100

127 47.4 39.4 59.0

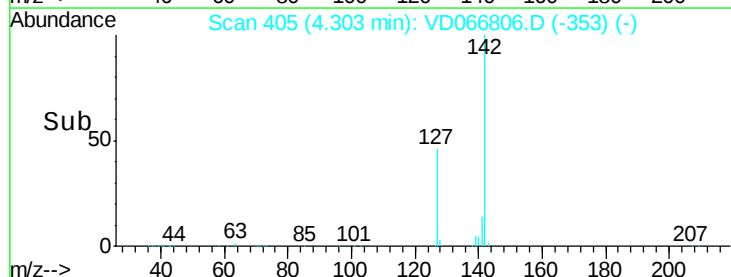
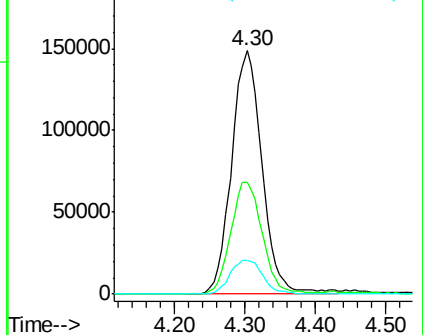
141 14.9 12.1 18.1

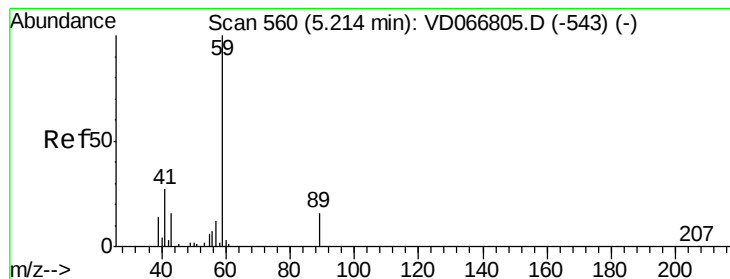


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 271.789 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

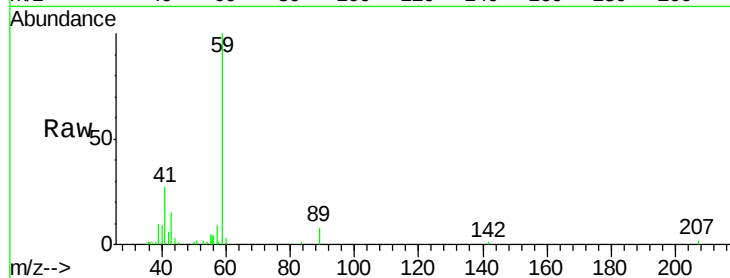
VSTDIC100

Tgt Ion: 59 Resp: 122246

Ion Ratio Lower Upper

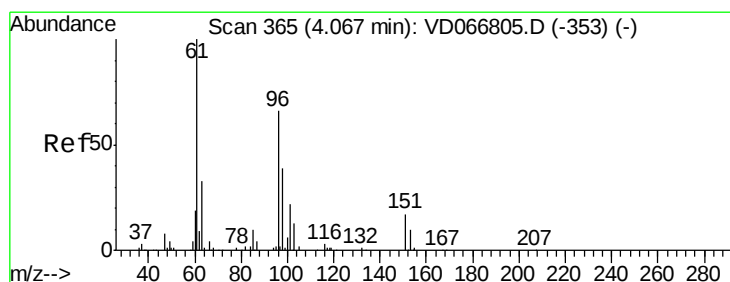
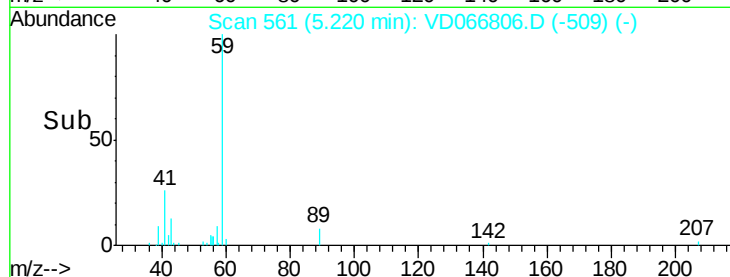
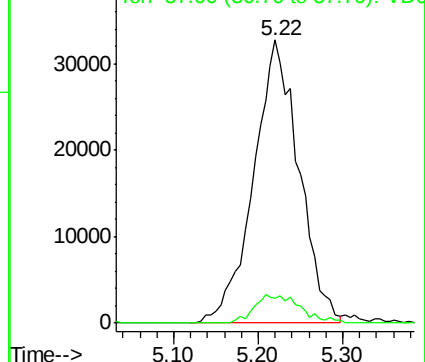
59 100

57 9.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 91.491 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

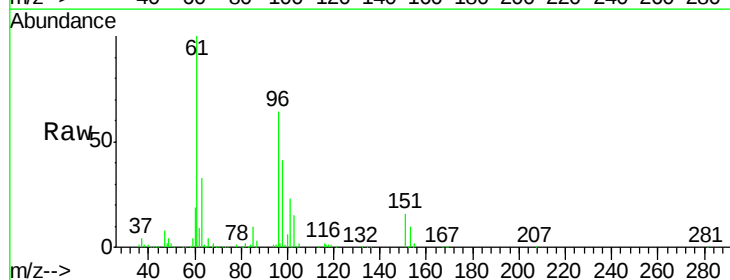
Tgt Ion: 96 Resp: 386305

Ion Ratio Lower Upper

96 100

61 155.3 120.8 181.2

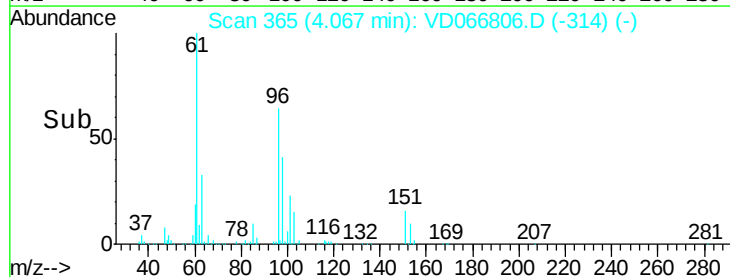
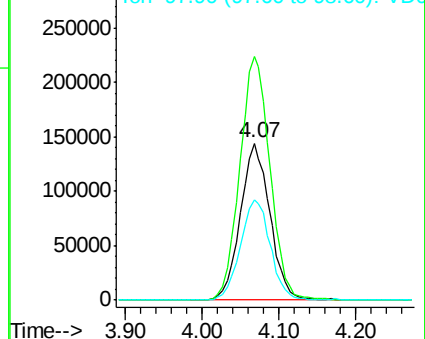
98 63.8 47.7 71.5

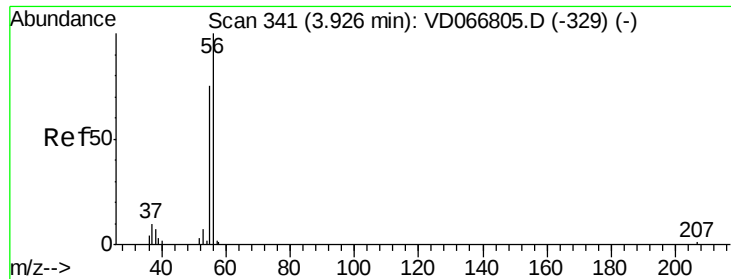


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 492.962 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

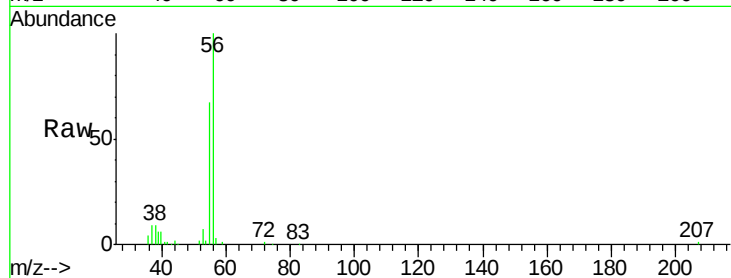
VSTDIC100

Tgt Ion: 56 Resp: 155847

Ion Ratio Lower Upper

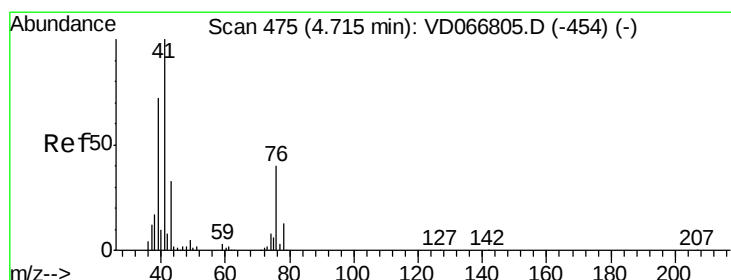
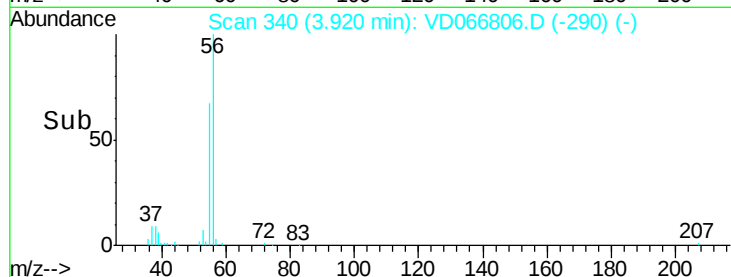
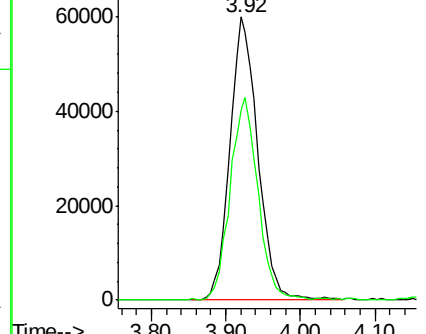
56 100

55 71.1 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 91.101 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

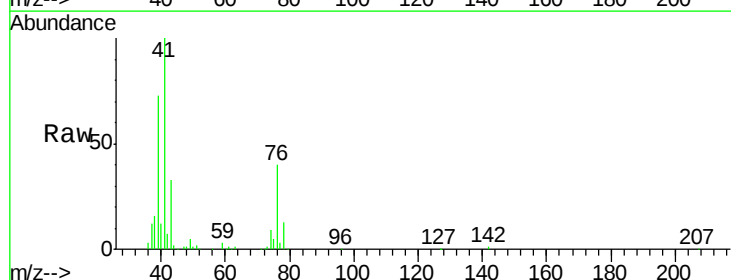
Tgt Ion: 41 Resp: 608914

Ion Ratio Lower Upper

41 100

39 71.5 57.8 86.8

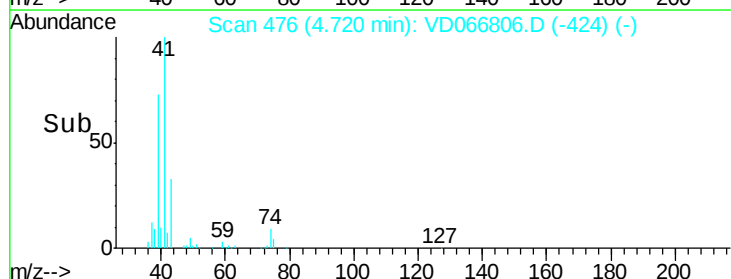
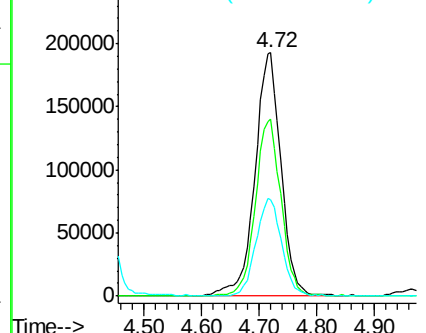
76 38.9 30.9 46.3

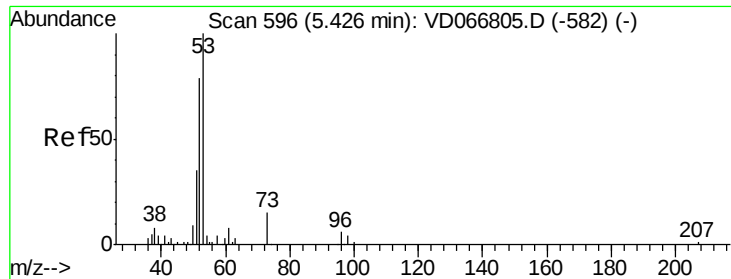


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 491.370 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

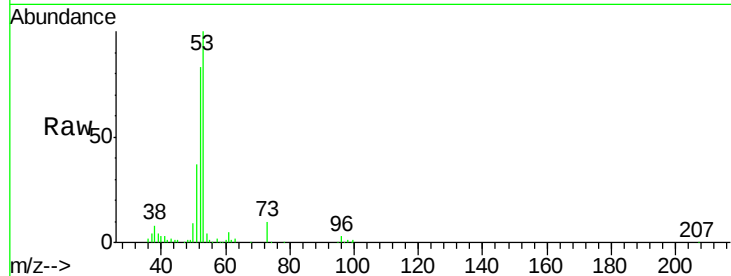
Tgt Ion: 53 Resp: 449427

Ion Ratio Lower Upper

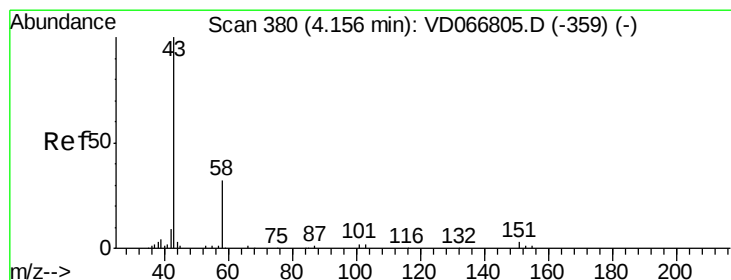
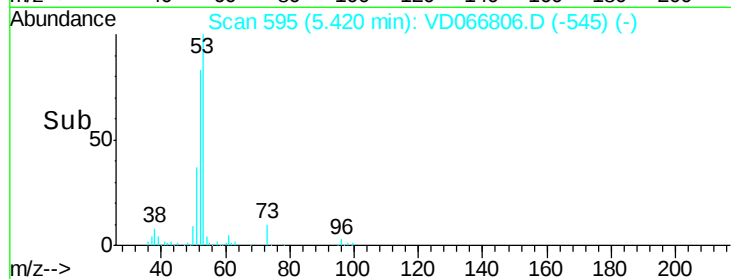
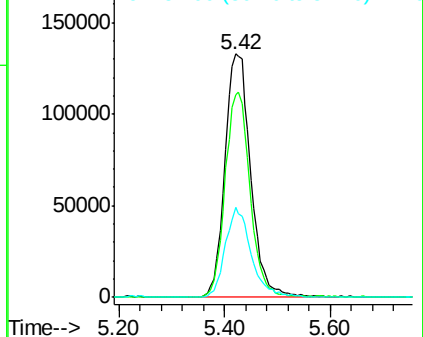
53 100

52 81.6 65.2 97.8

51 37.2 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 470.454 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066806.D

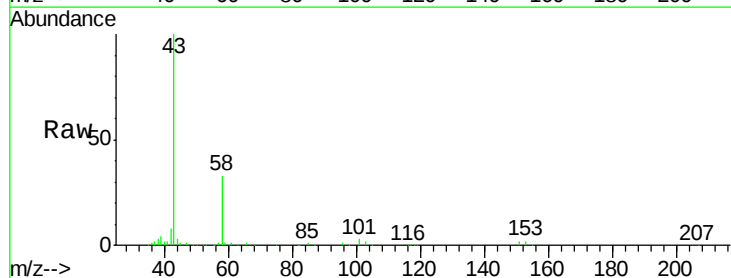
Acq: 22 Sep 2020 12:38

Tgt Ion: 43 Resp: 436130

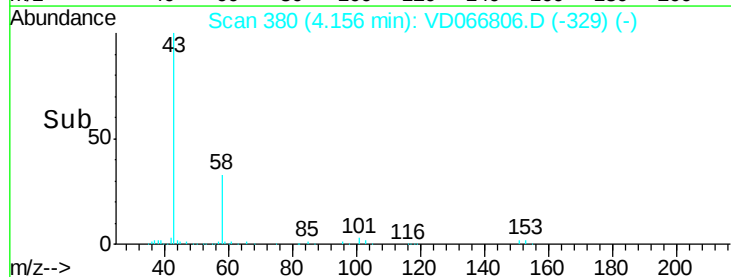
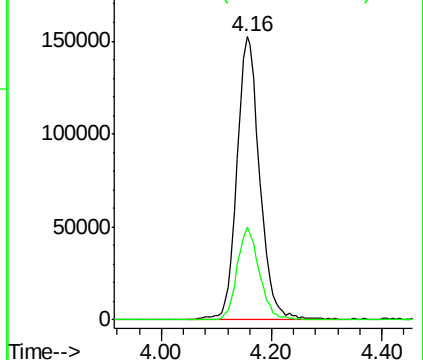
Ion Ratio Lower Upper

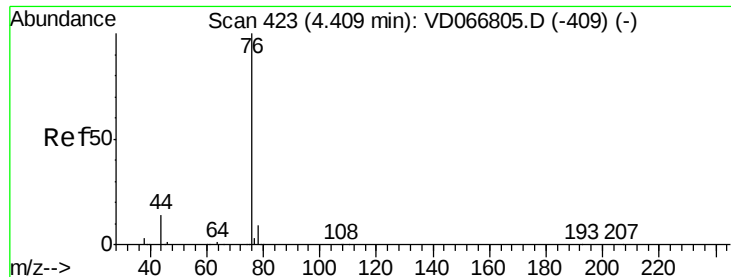
43 100

58 32.9 25.6 38.4



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

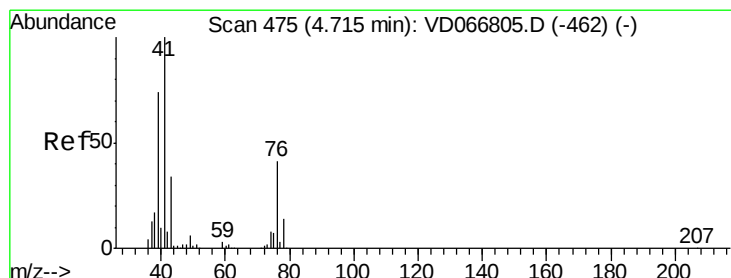
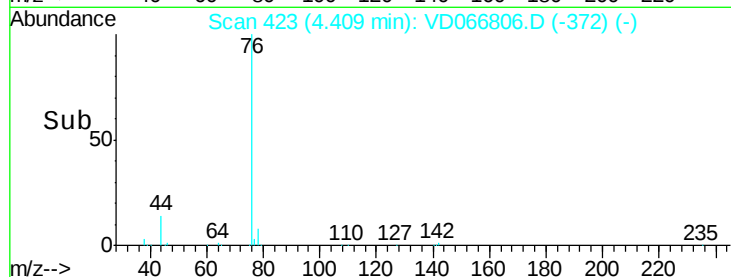
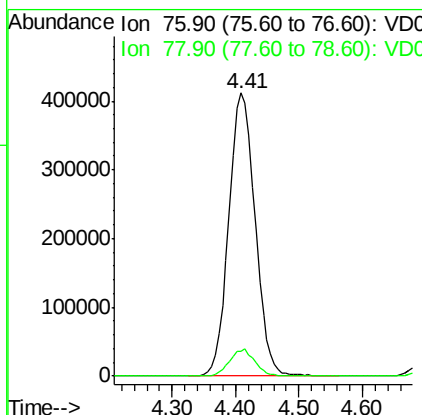
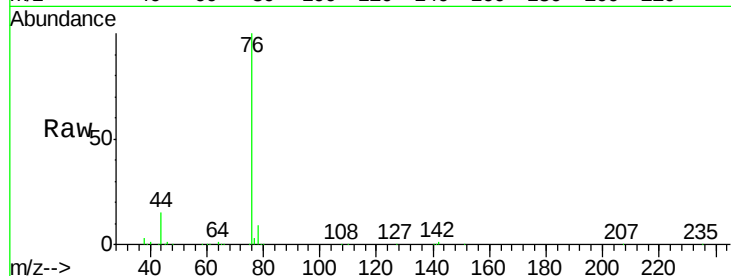




#17
Carbon Disulfide
Concen: 89.926 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

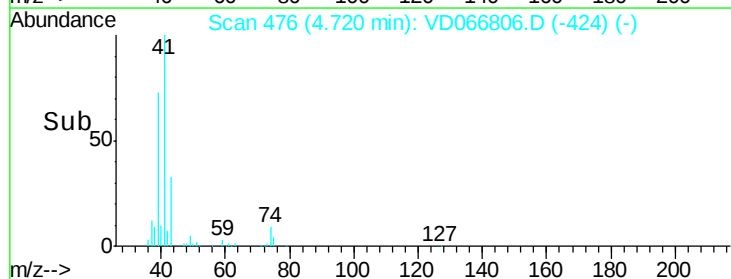
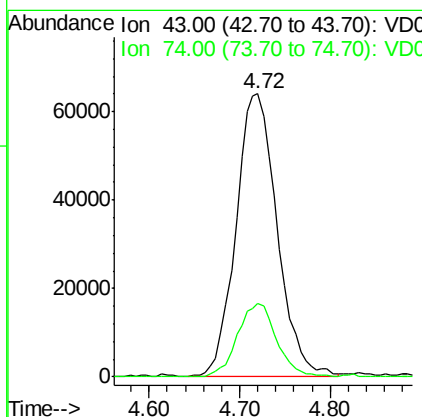
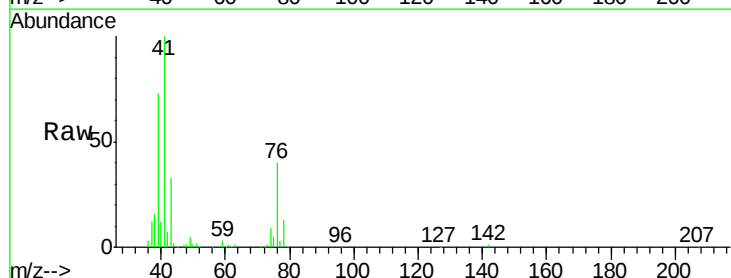
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

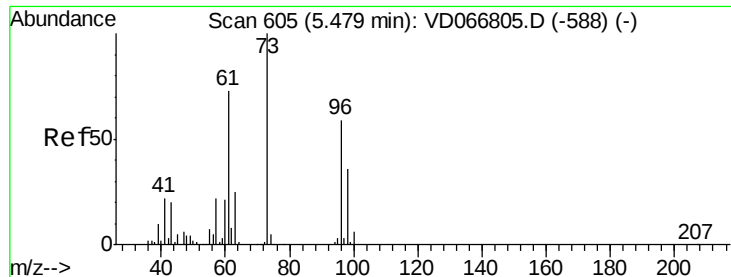
Tgt Ion: 76 Resp: 1183725
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 89.948 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 43 Resp: 199760
Ion Ratio Lower Upper
43 100
74 25.0 20.3 30.5

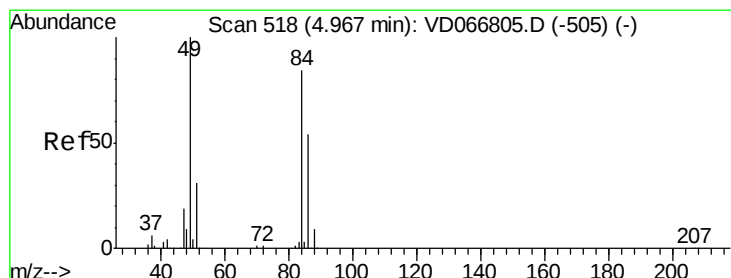
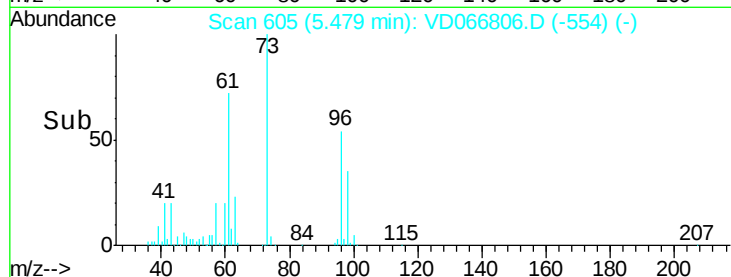
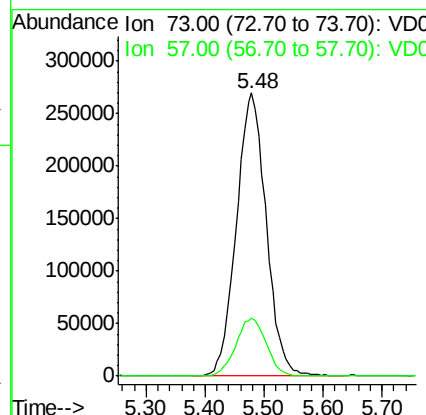
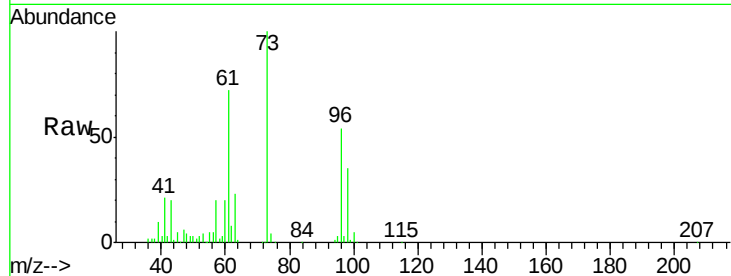




#19
Methyl tert-butyl Ether
Concen: 101.379 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

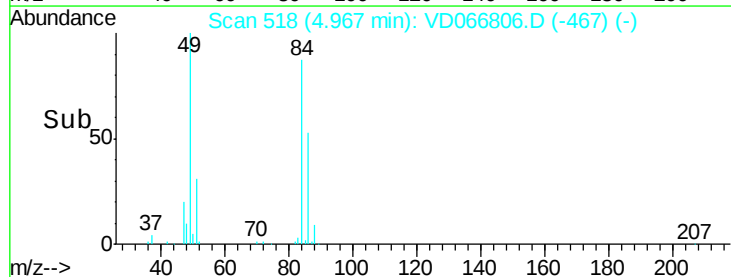
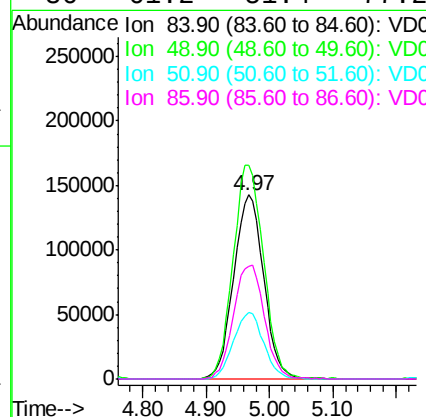
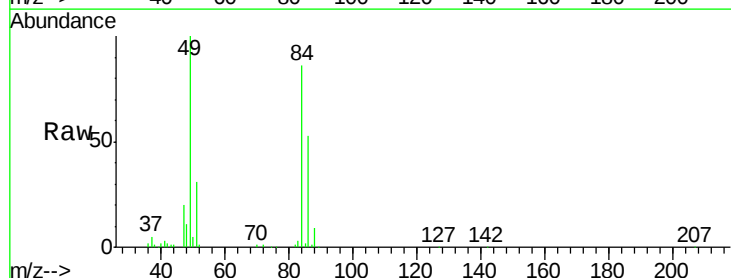
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

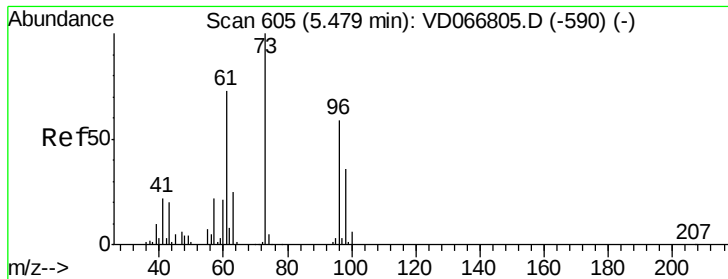
Tgt Ion: 73 Resp: 950726
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2



#20
Methylene Chloride
Concen: 75.244 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 84 Resp: 466062
Ion Ratio Lower Upper
84 100
49 115.9 95.4 143.2
51 36.0 29.7 44.5
86 61.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 93.754 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

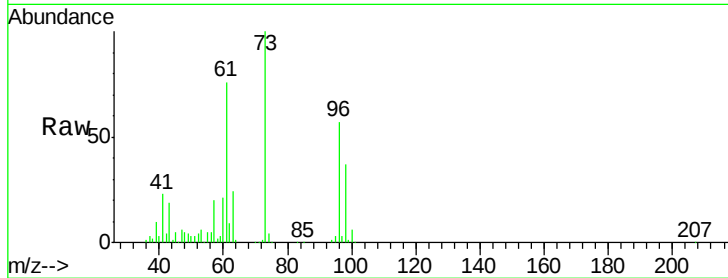
Tgt Ion: 96 Resp: 459618

Ion Ratio Lower Upper

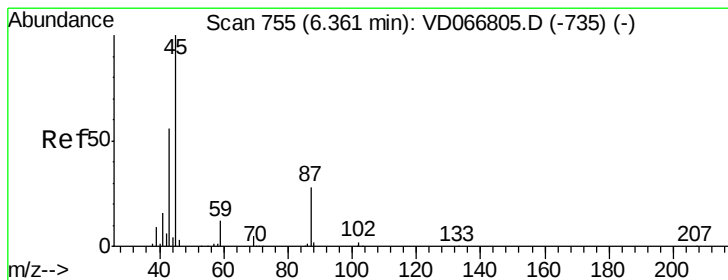
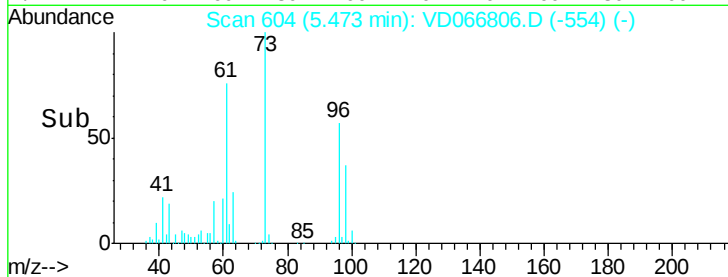
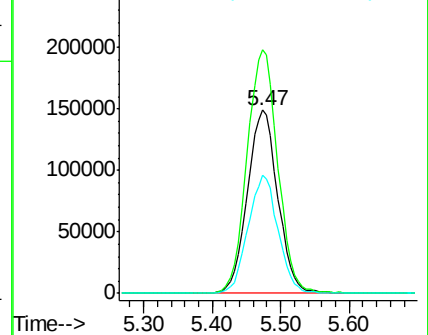
96 100

61 132.9 98.9 148.3

98 64.5 48.4 72.6



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



#22

Diisopropyl ether

Concen: 93.619 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Tgt Ion: 45 Resp: 1273847

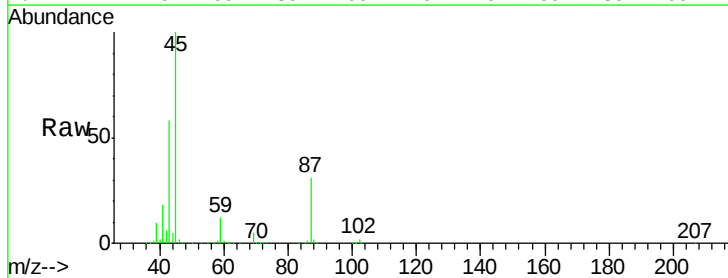
Ion Ratio Lower Upper

45 100

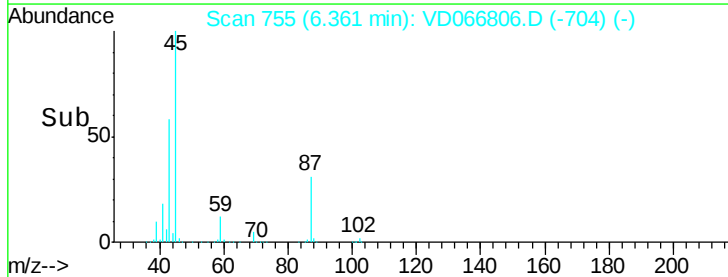
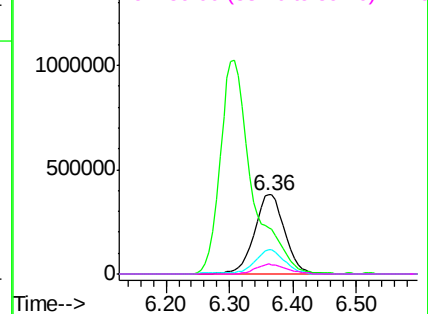
43 57.4 44.5 66.7

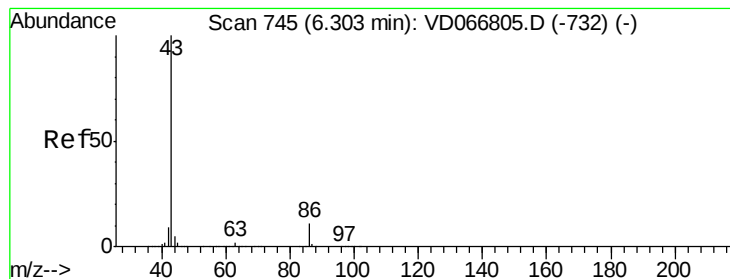
87 30.9 22.9 34.3

59 12.3 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 480.271 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

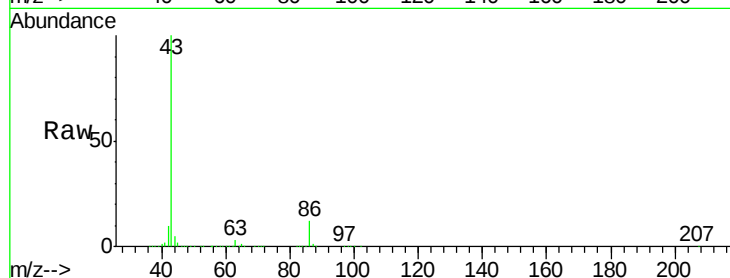
VSTDIC100

Tgt Ion: 43 Resp: 3600105

Ion Ratio Lower Upper

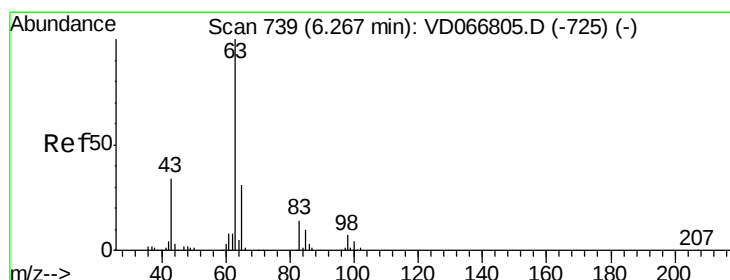
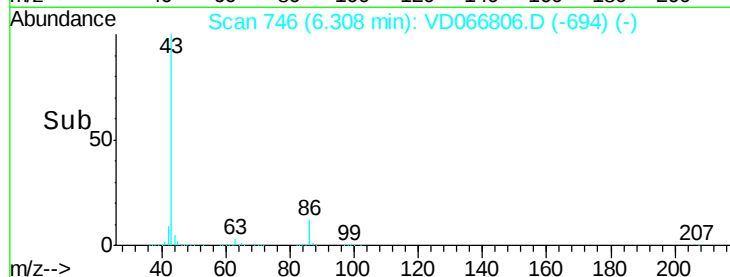
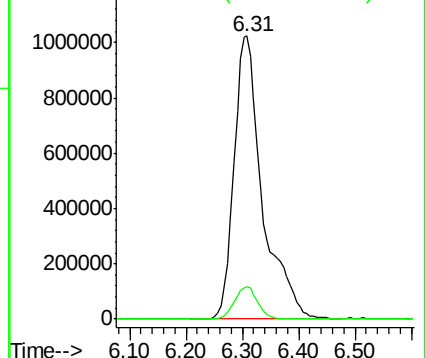
43 100

86 11.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 91.748 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

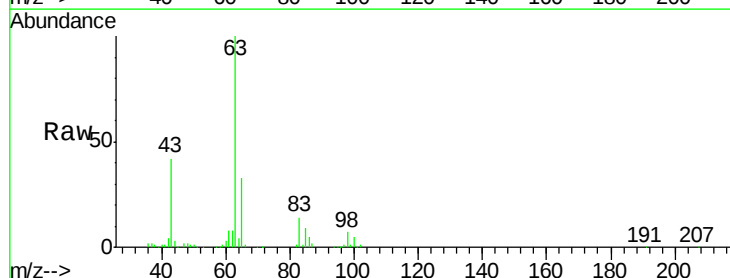
Tgt Ion: 63 Resp: 798989

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

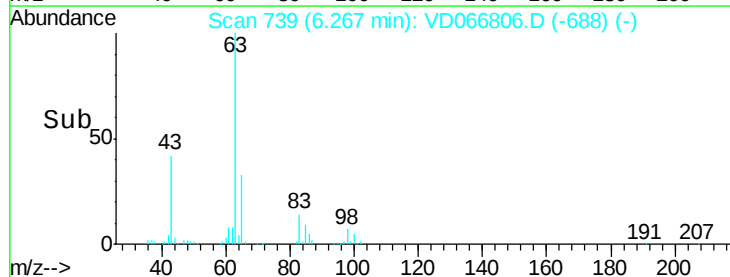
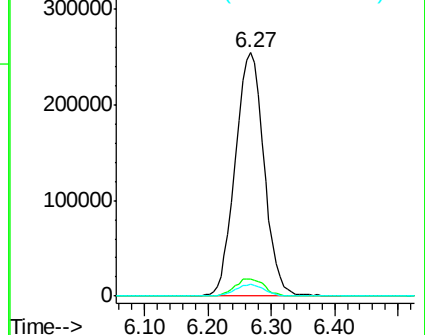
100 5.1 1.8 5.5

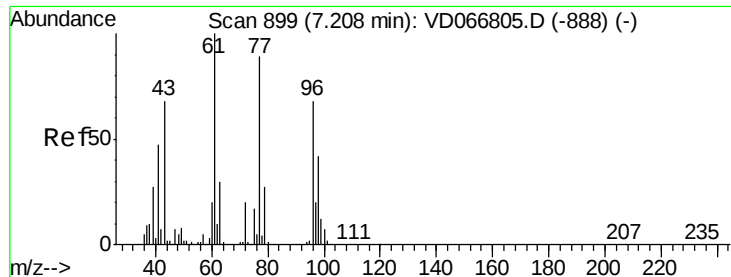


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 452.190 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

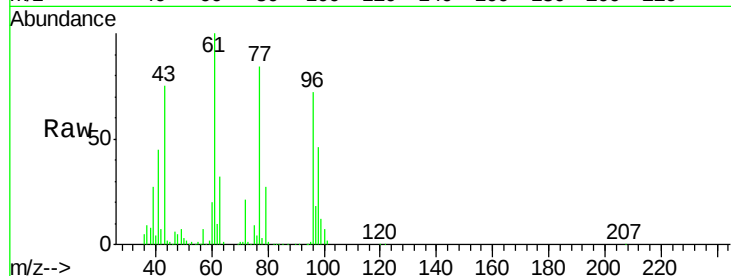
VSTDIC100

Tgt Ion: 43 Resp: 533606

Ion Ratio Lower Upper

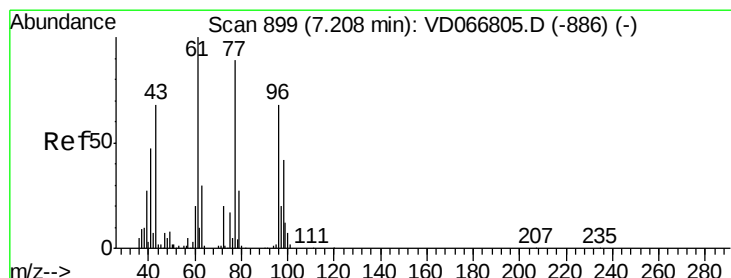
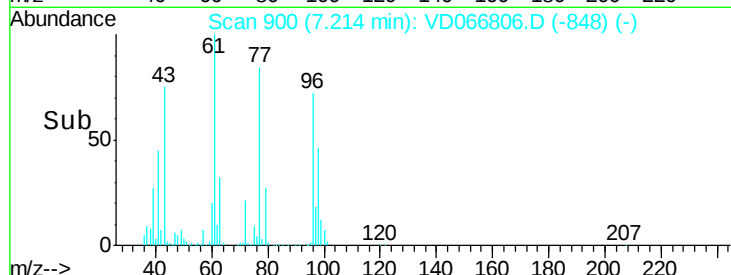
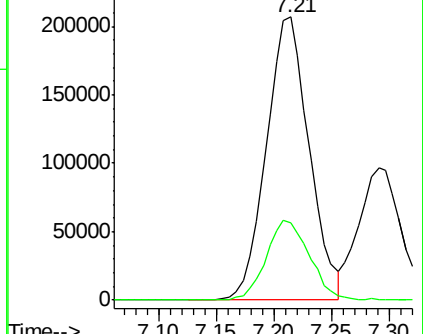
43 100

72 27.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 88.206 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066806.D

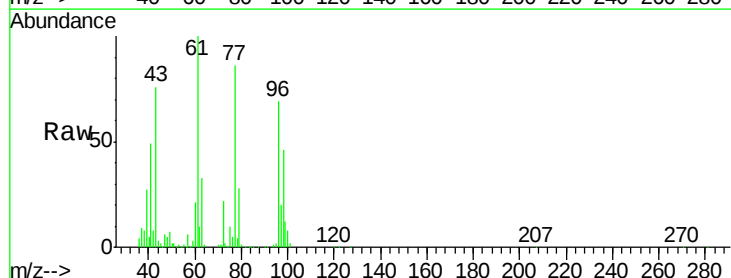
Acq: 22 Sep 2020 12:38

Tgt Ion: 77 Resp: 707787

Ion Ratio Lower Upper

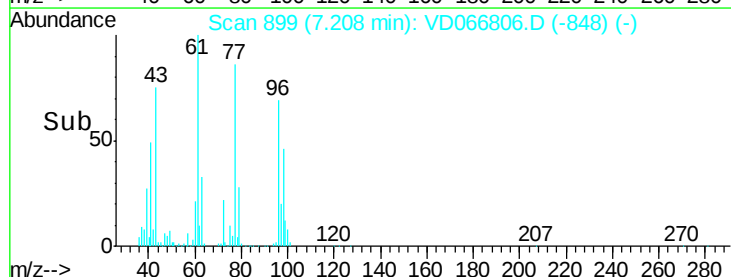
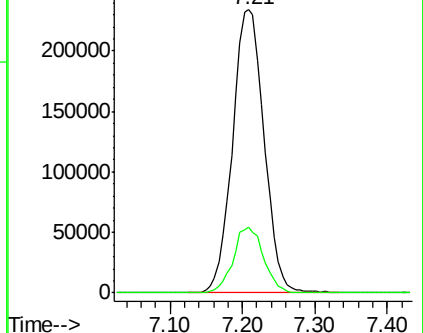
77 100

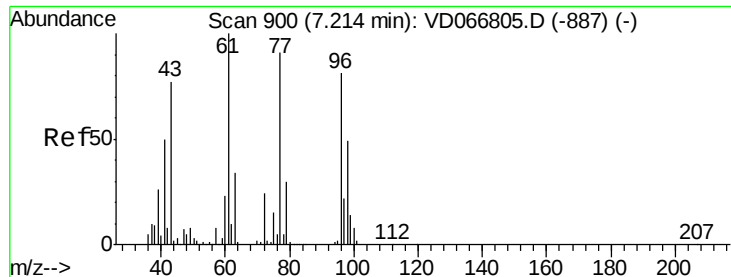
97 22.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 96.824 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

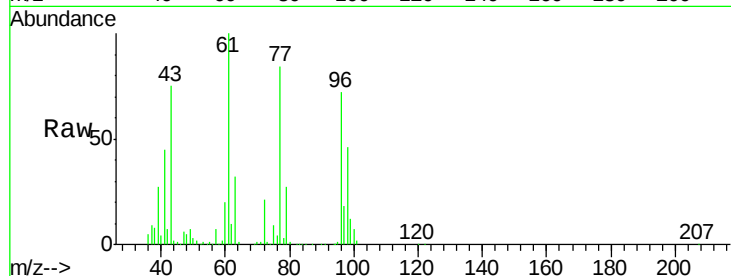
Tgt Ion: 96 Resp: 519152

Ion Ratio Lower Upper

96 100

61 140.8 0.0 283.8

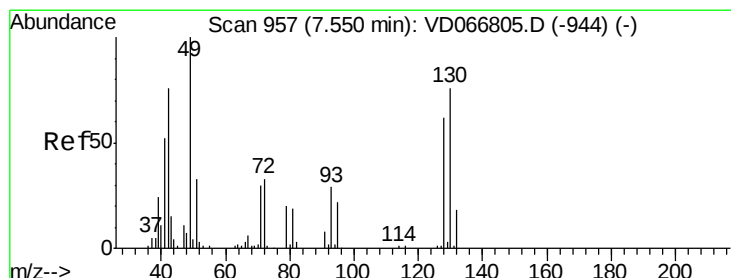
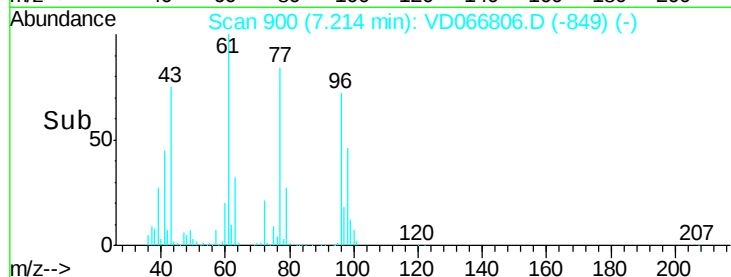
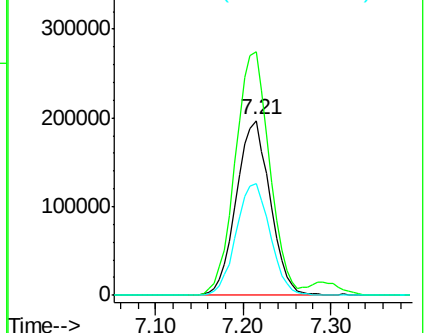
98 64.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 109.026 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

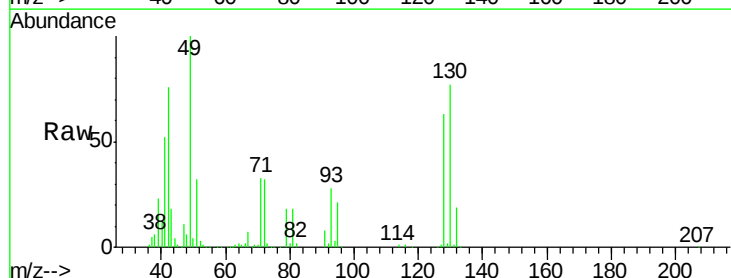
Tgt Ion: 49 Resp: 364339

Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.0#

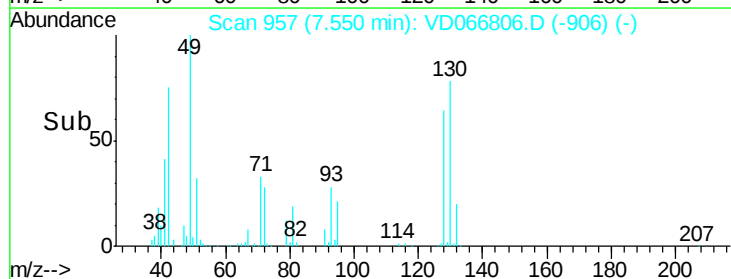
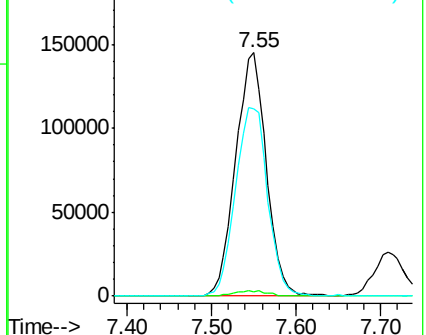
130 81.4 65.9 98.9

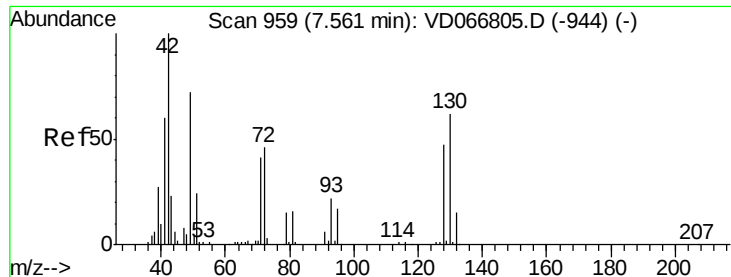


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

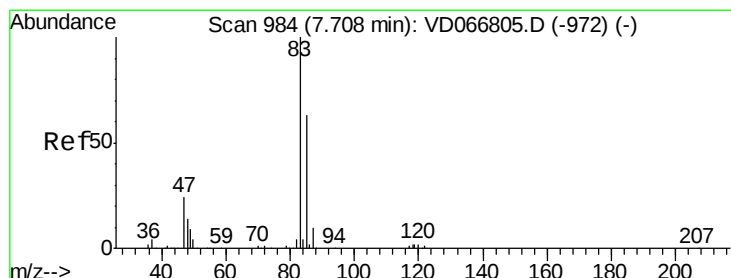
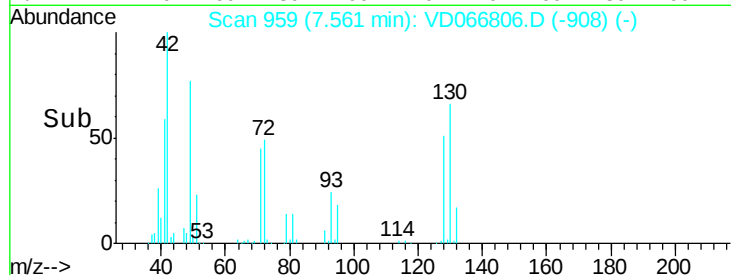
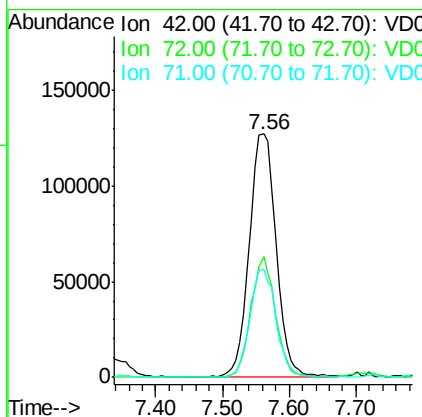
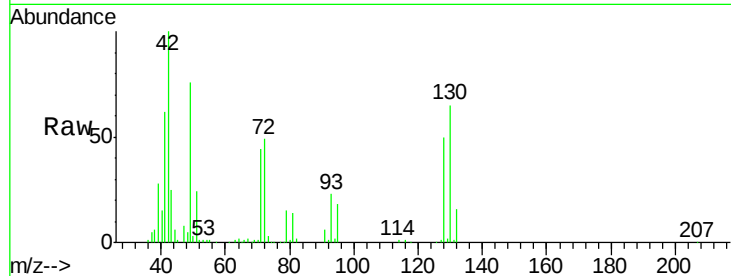




#29
Tetrahydrofuran
Concen: 486.941 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

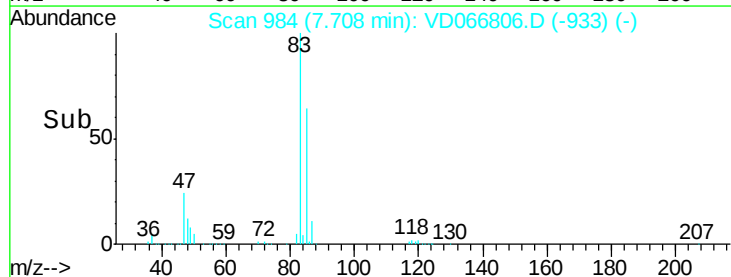
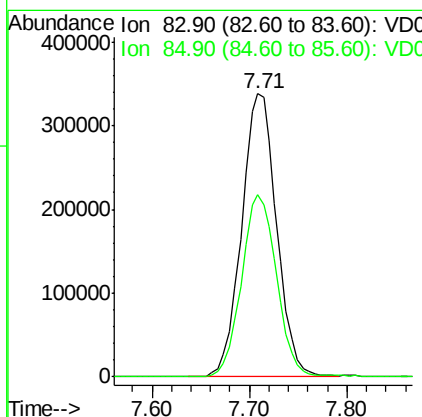
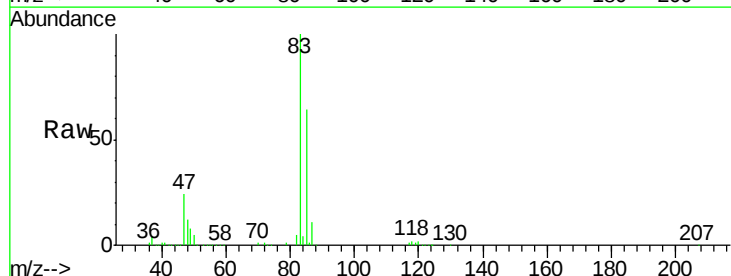
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

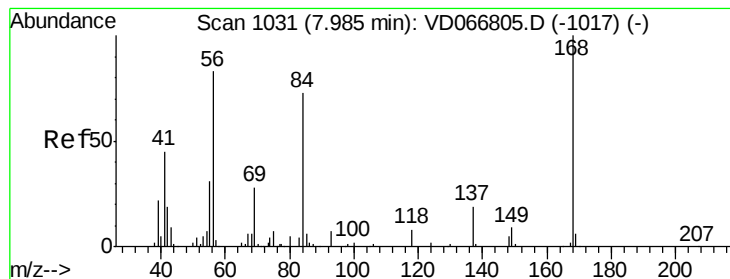
Tgt Ion: 42 Resp: 352525
Ion Ratio Lower Upper
42 100
72 45.0 36.2 54.4
71 42.6 32.4 48.6



#30
Chloroform
Concen: 91.400 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 83 Resp: 845872
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8





#31

Cyclohexane

Concen: 86.262 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

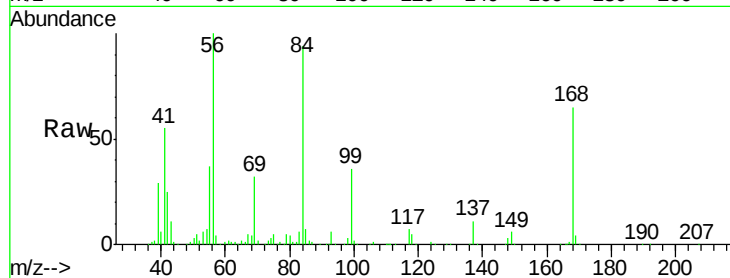
Tgt Ion: 56 Resp: 678655

Ion Ratio Lower Upper

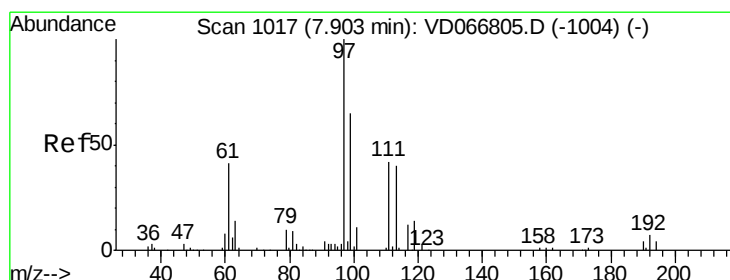
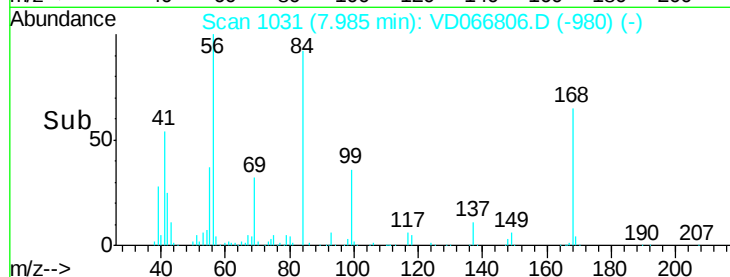
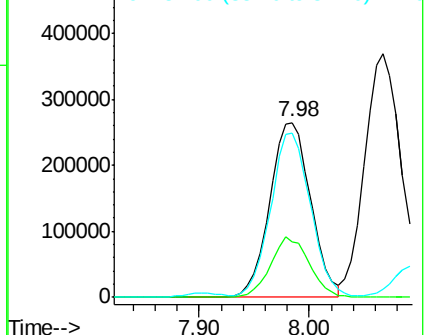
56 100

69 32.0 27.0 40.4

84 92.2 70.2 105.4



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: 91.525 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

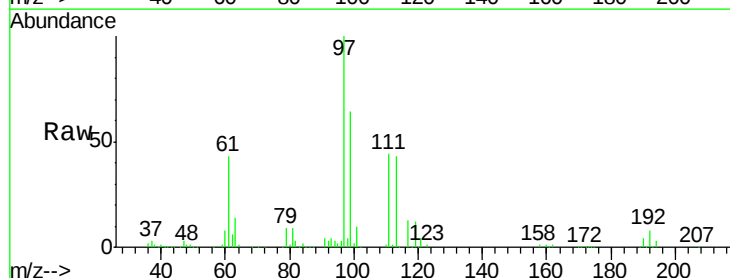
Tgt Ion: 97 Resp: 774906

Ion Ratio Lower Upper

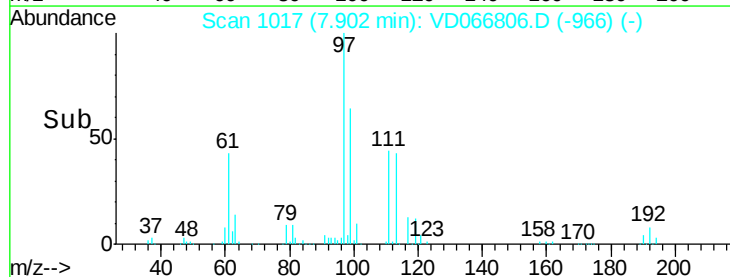
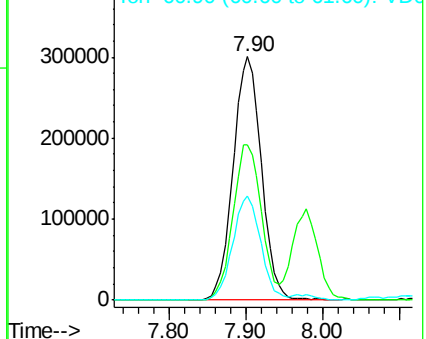
97 100

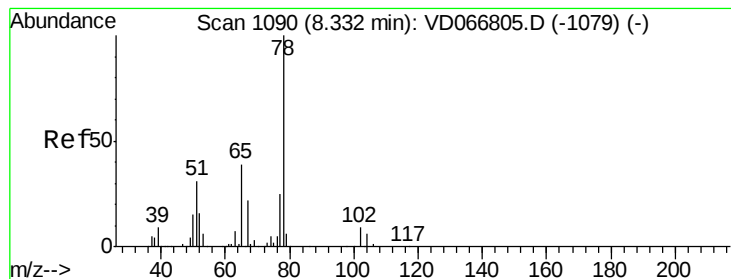
99 64.4 51.5 77.3

61 42.1 34.2 51.4



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: 90.845 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

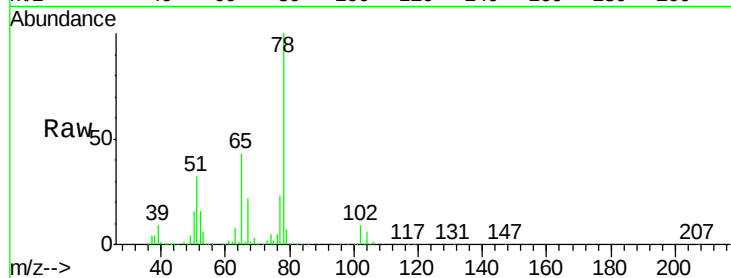
VSTDIC100

Tgt Ion: 65 Resp: 402377

Ion Ratio Lower Upper

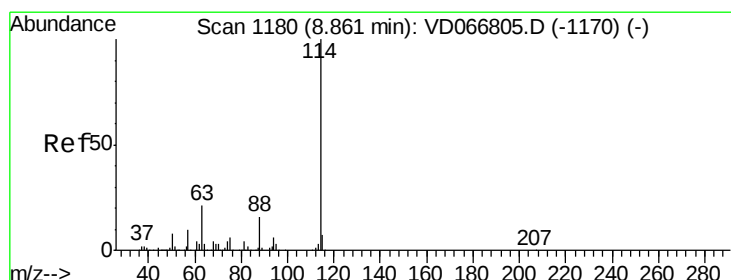
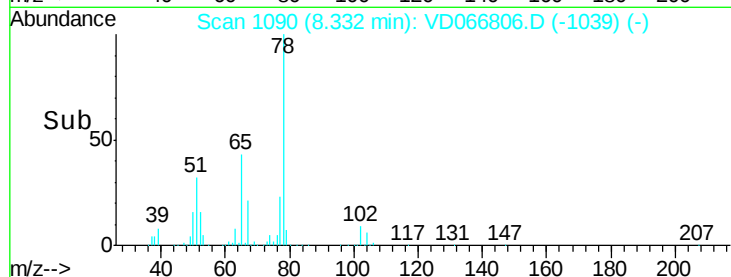
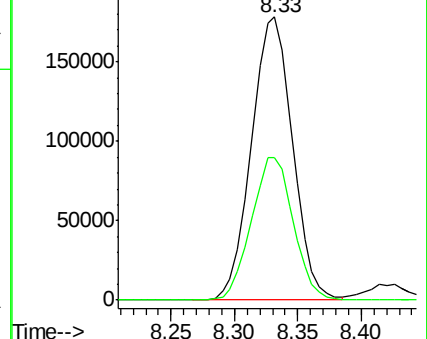
65 100

67 51.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

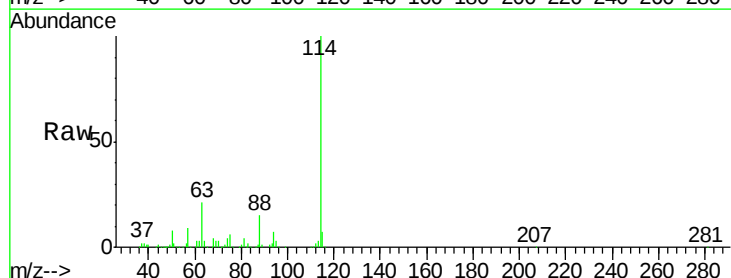
Tgt Ion: 114 Resp: 674923

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

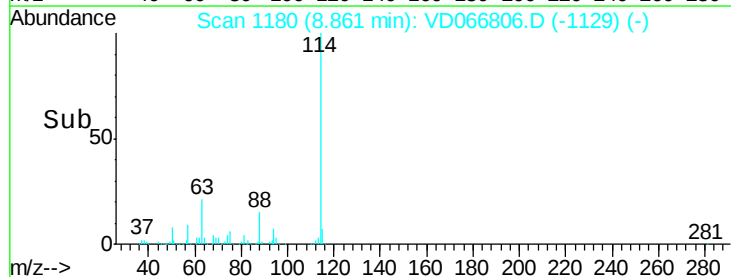
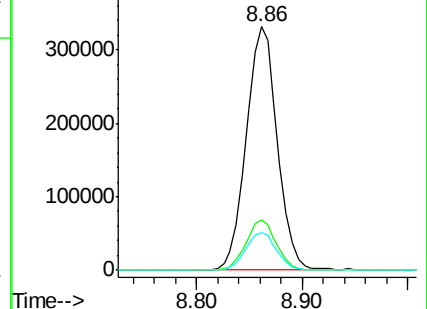
88 15.5 0.0 32.6

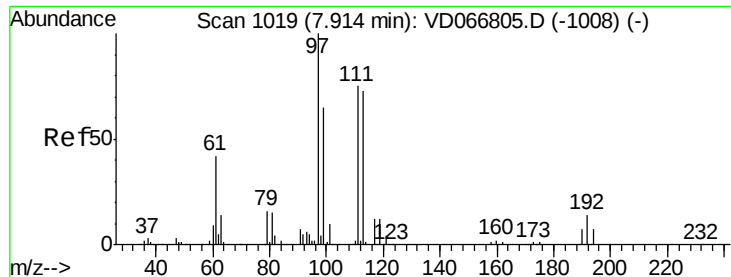


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

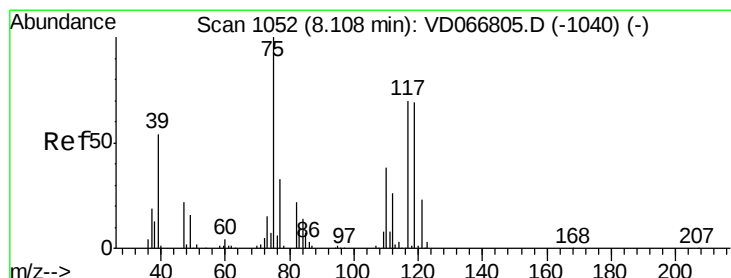
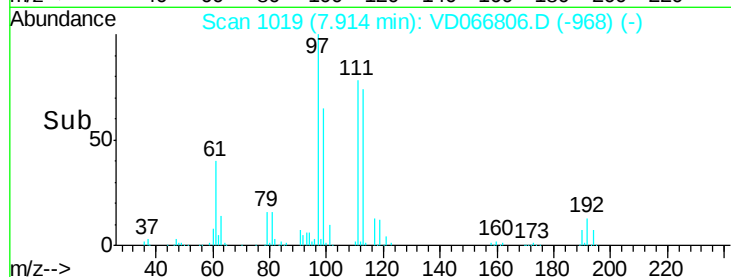
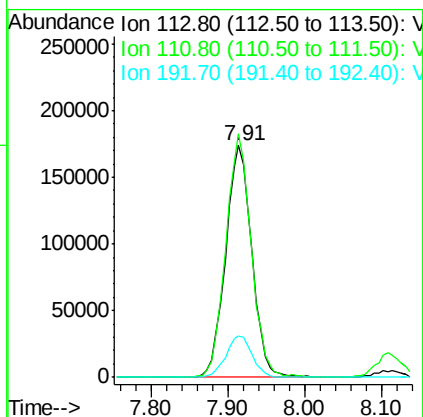
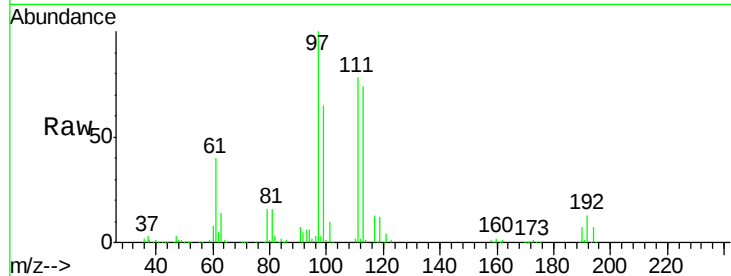




#35
 Dibromofluoromethane
 Concen: 98.965 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

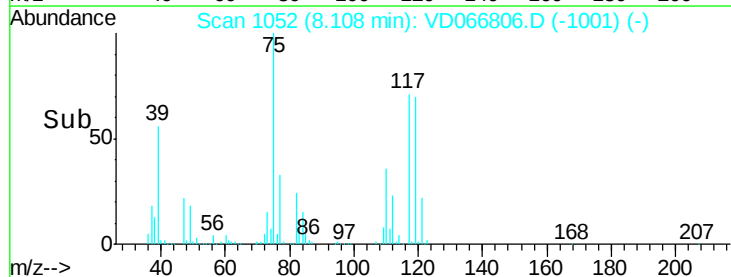
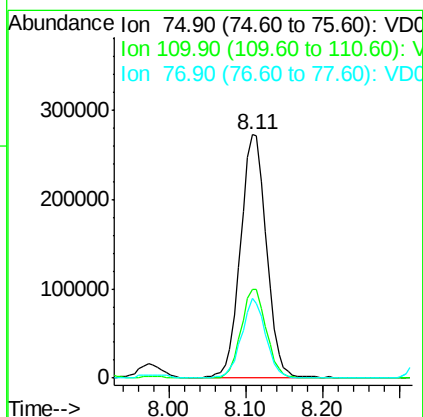
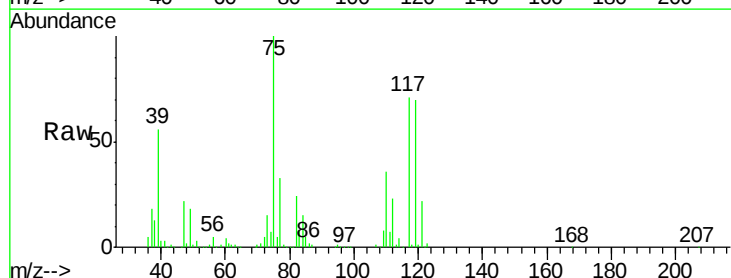
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

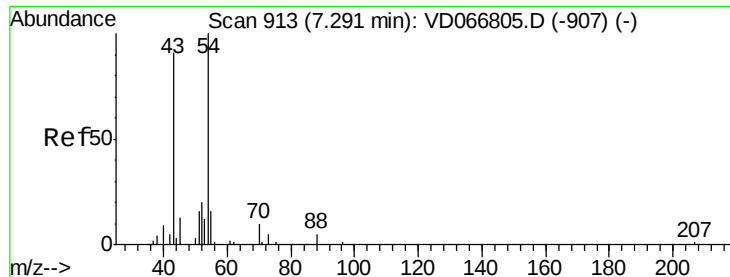
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	18.0	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 93.532 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.9	53.8
77	30.7	25.0	37.6

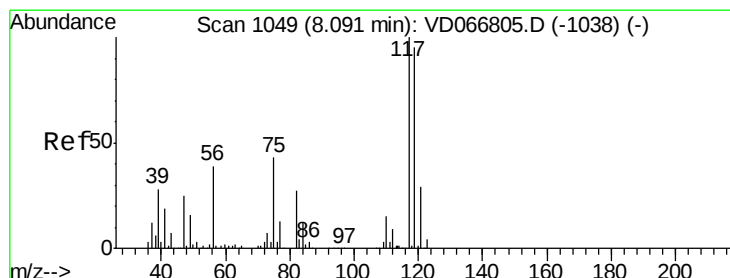
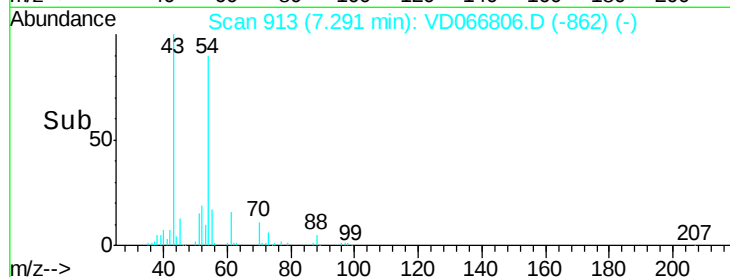
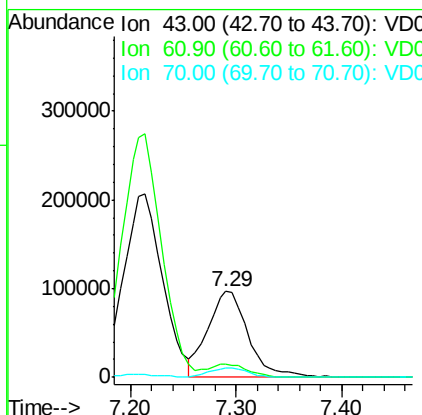
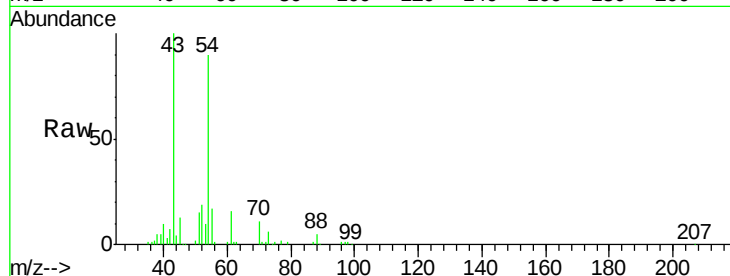




#37
Ethyl Acetate
Concen: 96.921 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

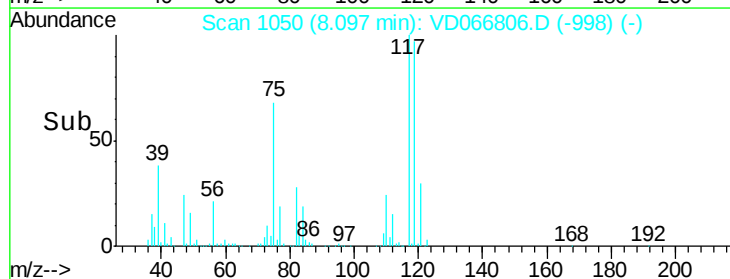
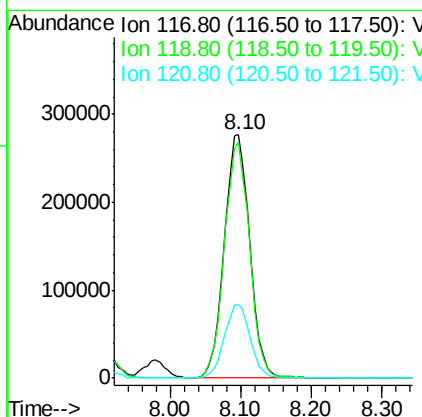
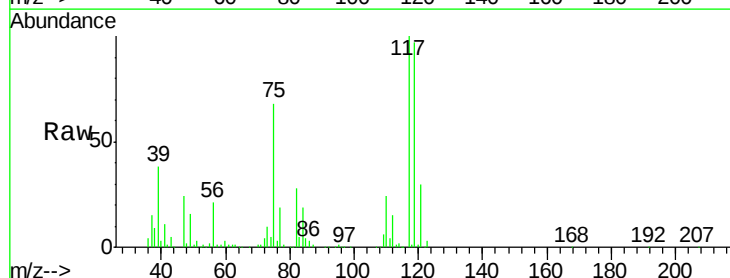
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

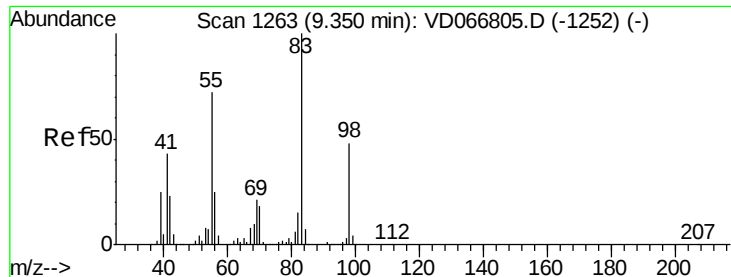
Tgt Ion: 43 Resp: 253426
Ion Ratio Lower Upper
43 100
61 14.1 9.8 14.8
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 93.843 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 117 Resp: 690664
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
121 30.4 23.4 35.0

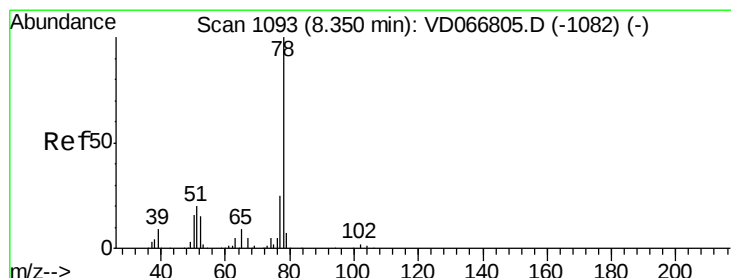
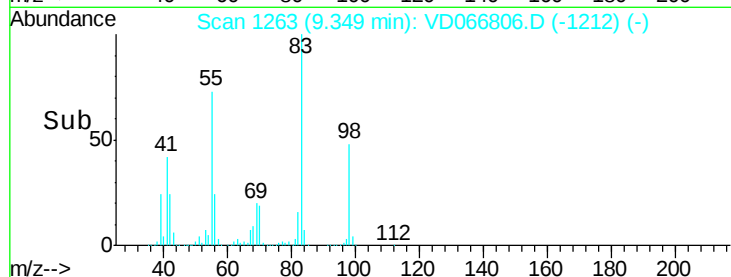
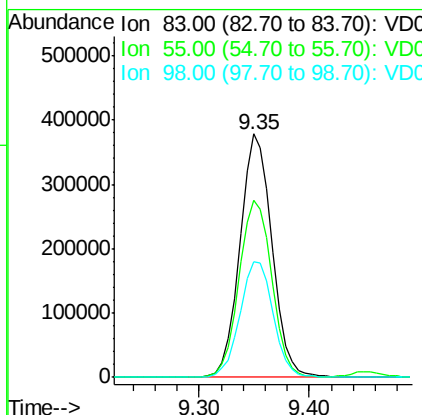
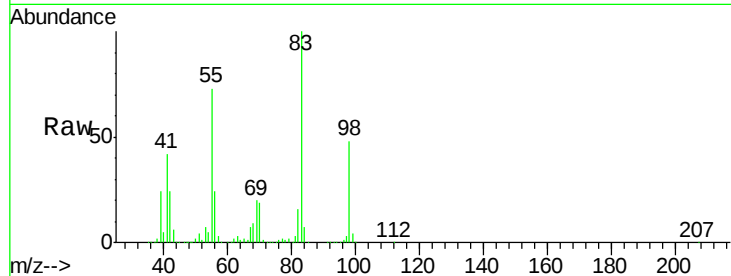




#39
Methylcyclohexane
Concen: 97.726 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

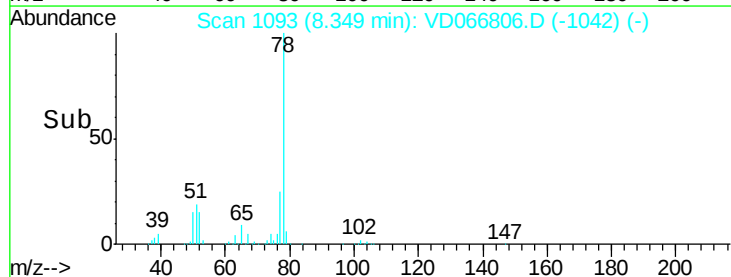
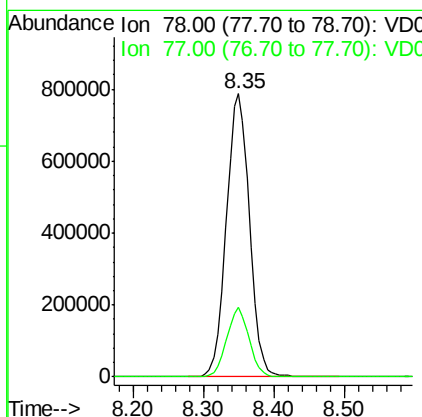
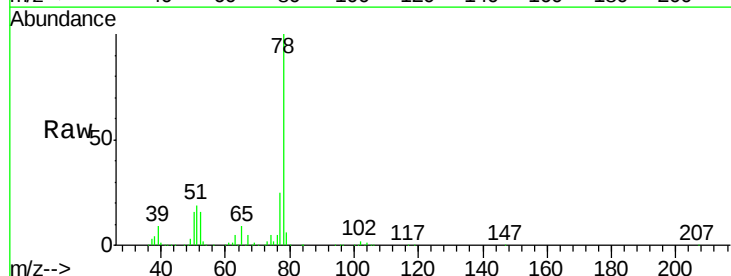
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

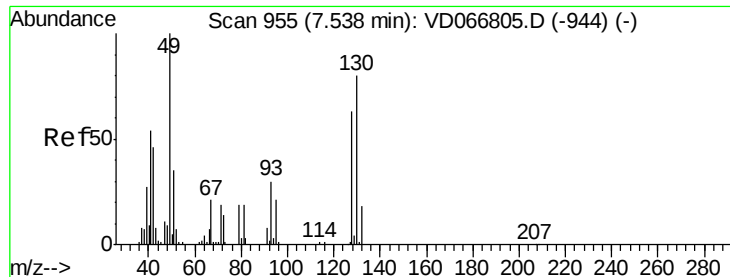
Tgt Ion: 83 Resp: 772617
Ion Ratio Lower Upper
83 100
55 72.8 57.7 86.5
98 47.6 38.4 57.6



#40
Benzene
Concen: 94.948 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 78 Resp: 1785285
Ion Ratio Lower Upper
78 100
77 24.8 19.9 29.9





#41

Methacrylonitrile

Concen: 247.858 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 350200

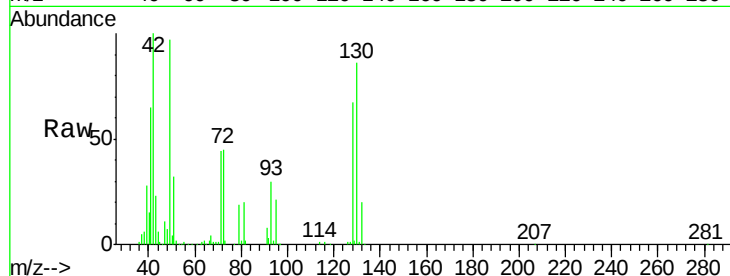
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

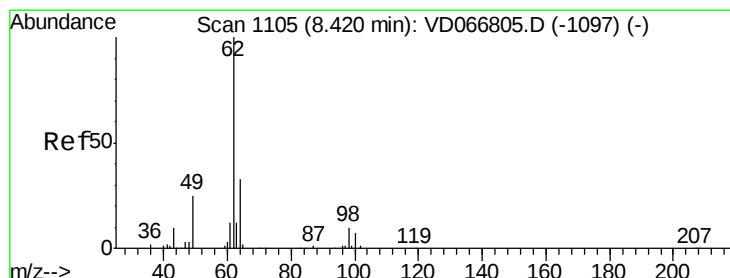
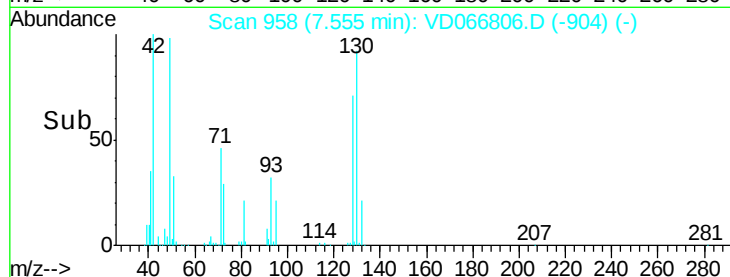
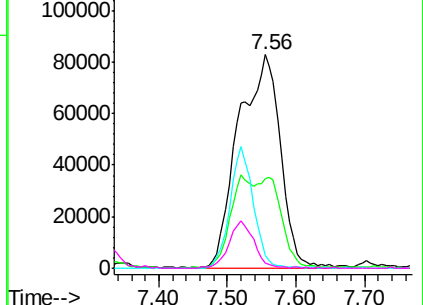


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 92.298 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066806.D

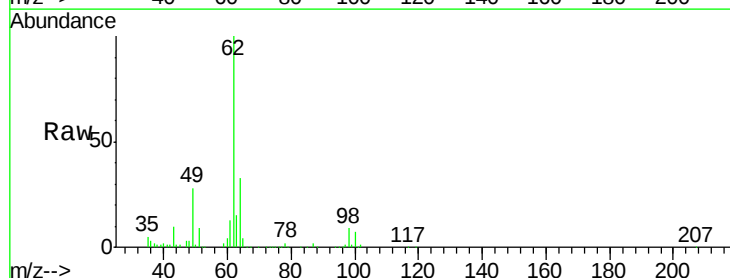
Acq: 22 Sep 2020 12:38

Tgt Ion: 62 Resp: 532499

Ion Ratio Lower Upper

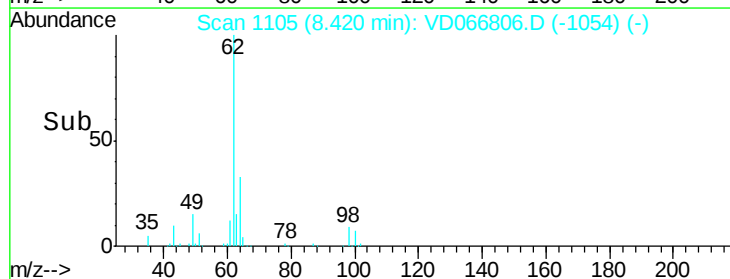
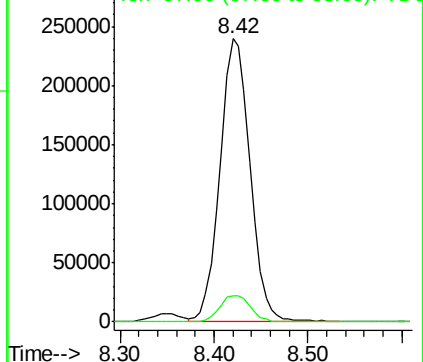
62 100

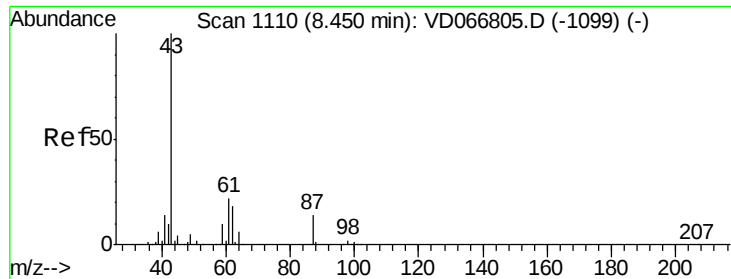
98 9.6 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

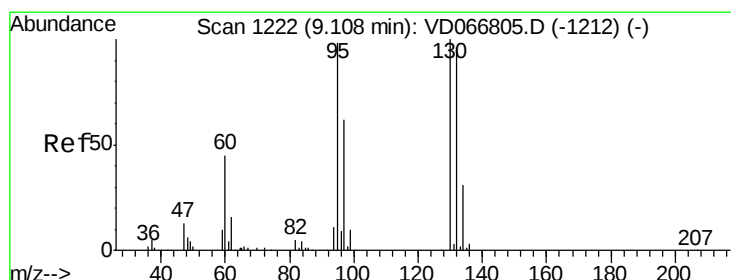
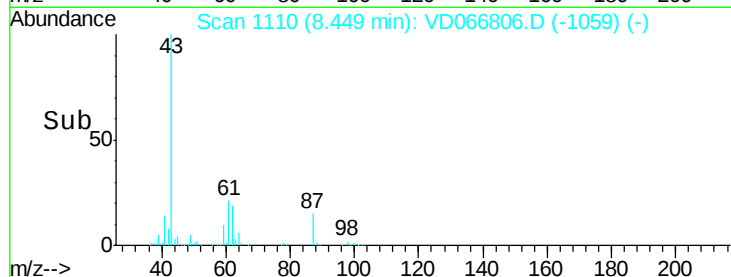
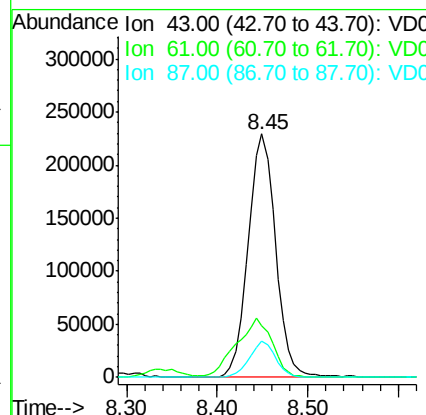
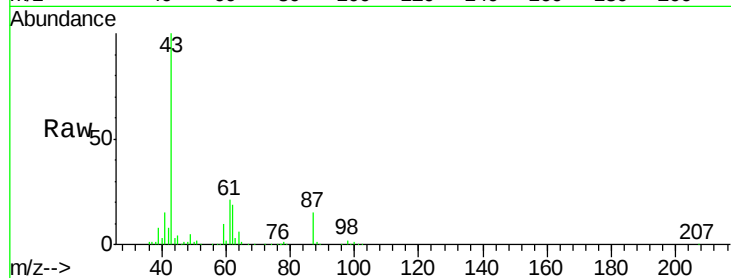




#43
Isopropyl Acetate
Concen: 97.927 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

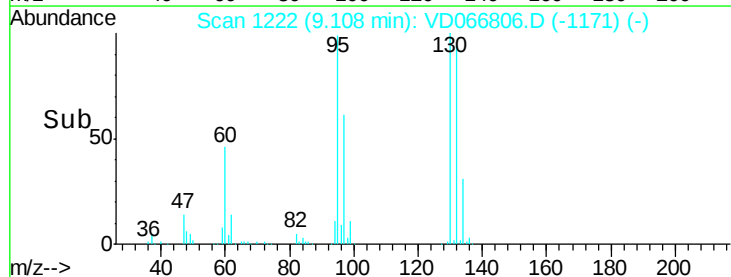
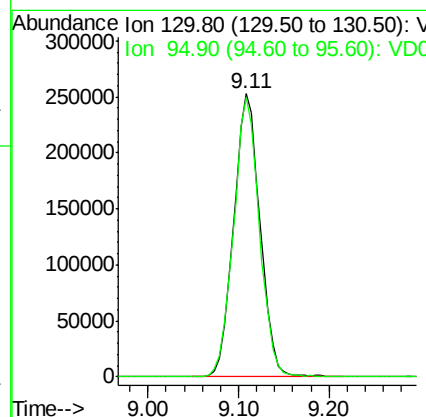
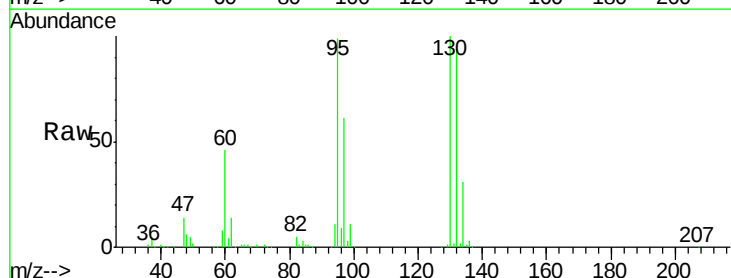
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

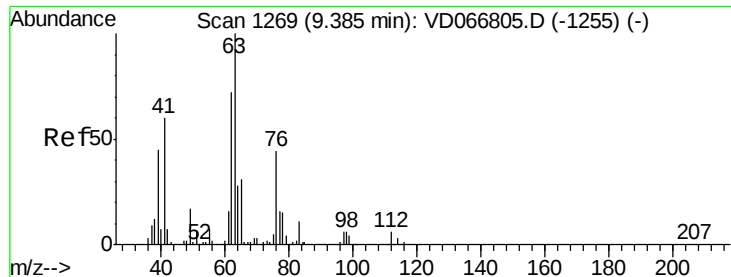
Tgt Ion: 43 Resp: 483042
Ion Ratio Lower Upper
43 100
61 31.5 26.2 39.4
87 14.1 11.5 17.3



#44
Trichloroethene
Concen: 100.862 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 130 Resp: 511211
Ion Ratio Lower Upper
130 100
95 98.9 0.0 197.0

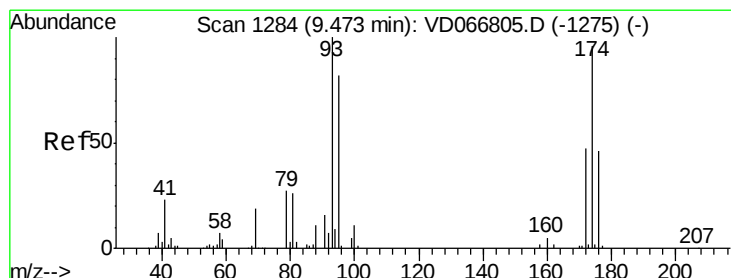
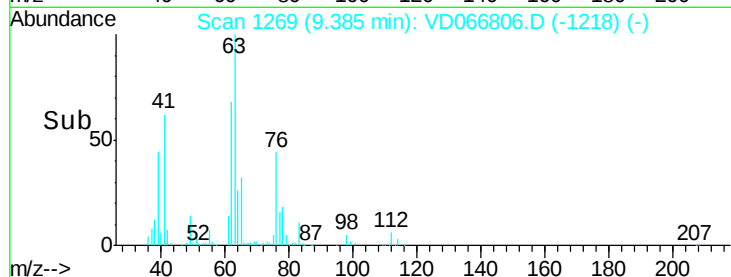
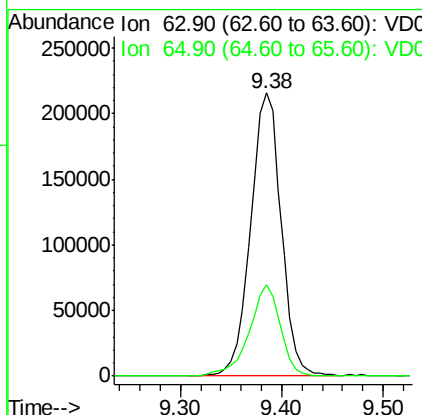
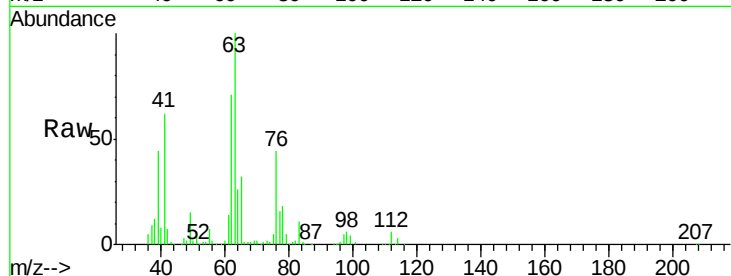




#45
 1,2-Dichloropropane
 Concen: 97.197 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

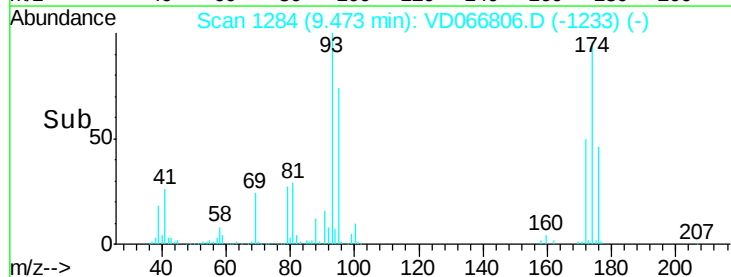
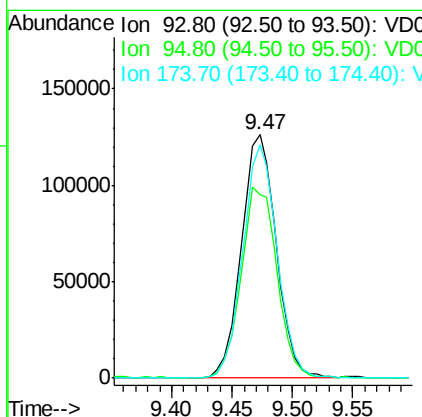
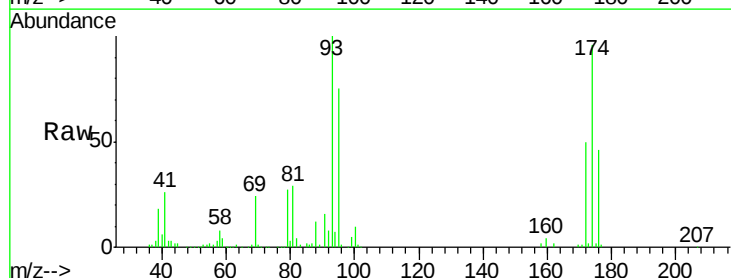
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

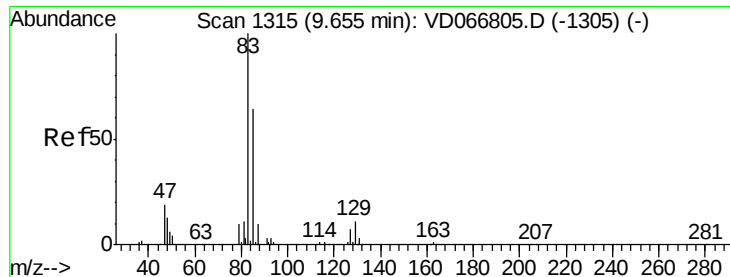
Tgt Ion: 63 Resp: 453719
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.7 37.1



#46
 Dibromomethane
 Concen: 99.233 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 93 Resp: 255113
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.3 97.9
 174 94.4 75.4 113.2





#47

Bromodichloromethane

Concen: 95.138 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

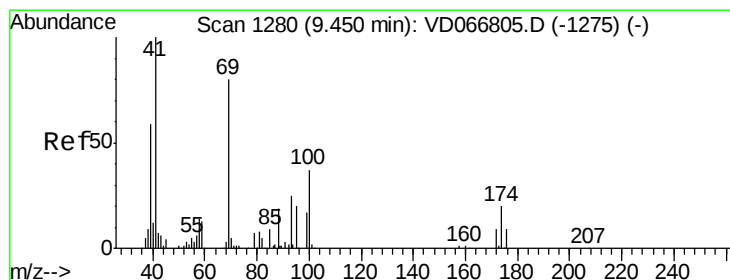
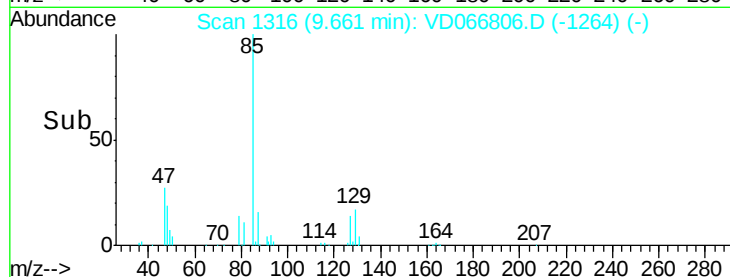
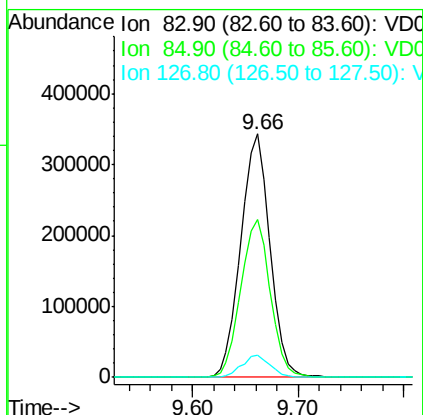
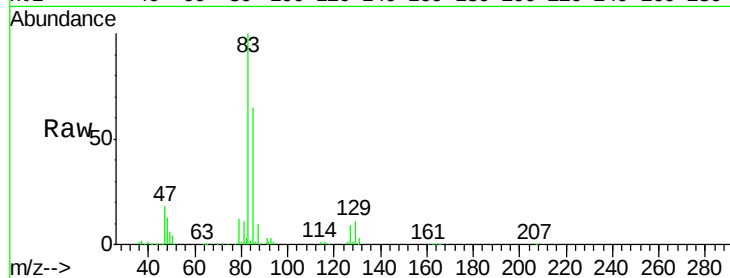
Tgt Ion: 83 Resp: 661269

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3

127 9.0 5.9 8.9#



#48

Methyl methacrylate

Concen: 103.819 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

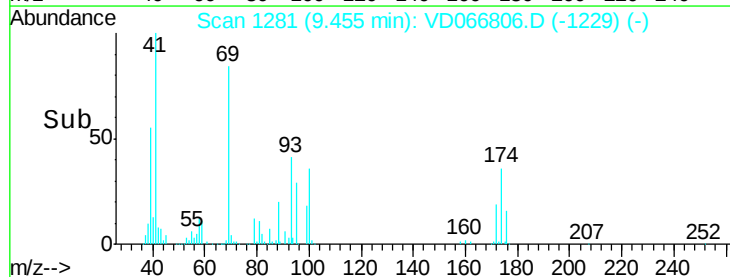
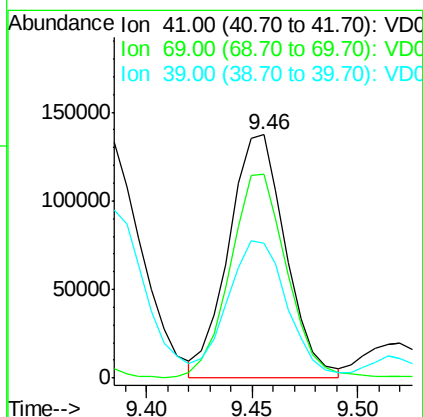
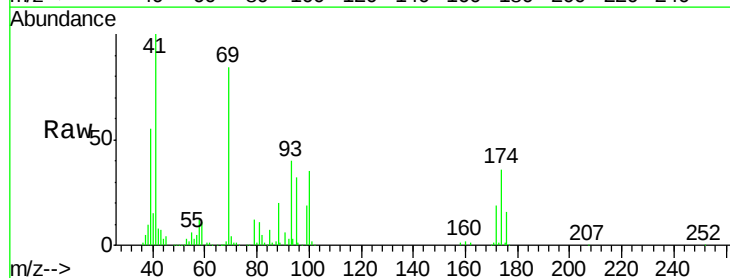
Tgt Ion: 41 Resp: 256282

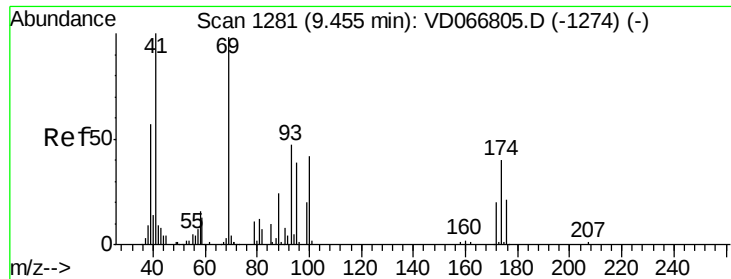
Ion Ratio Lower Upper

41 100

69 83.0 74.5 111.7

39 54.5 47.0 70.6

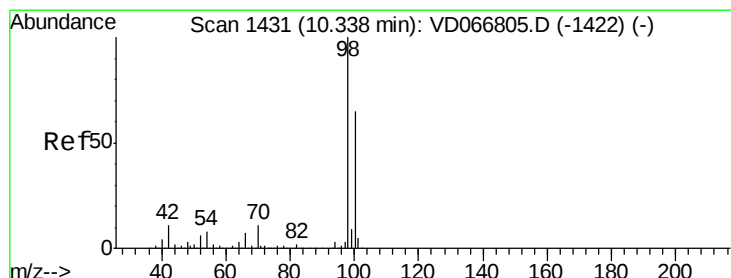
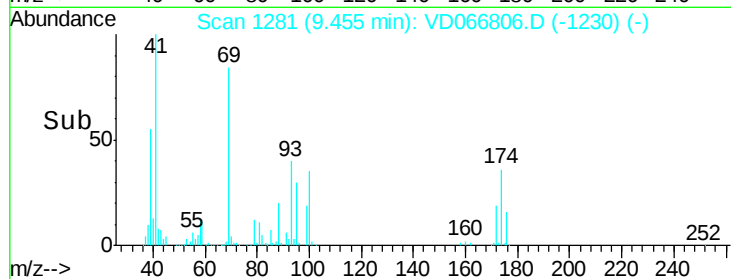
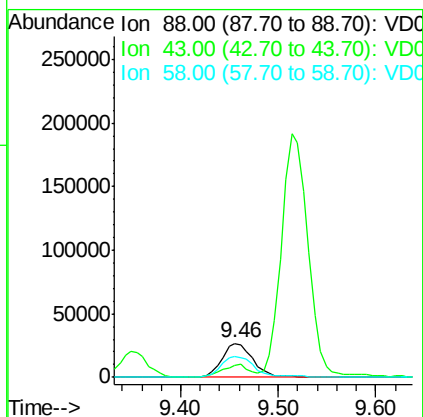
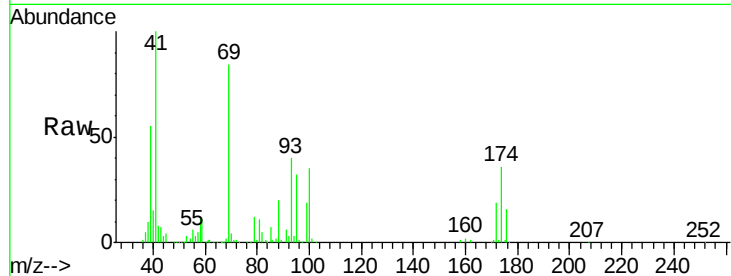




#49
 1,4-Dioxane
 Concen: 2145.108 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

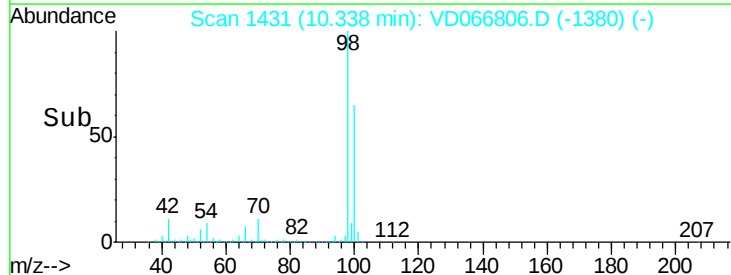
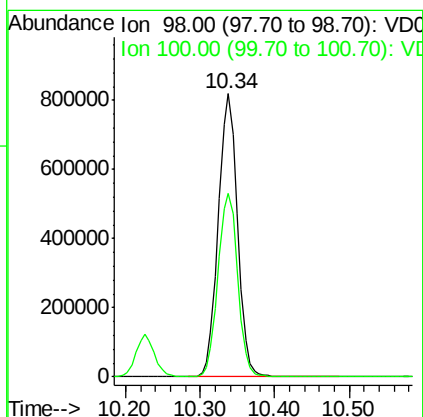
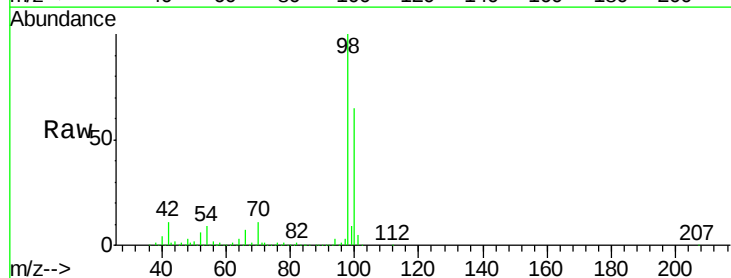
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

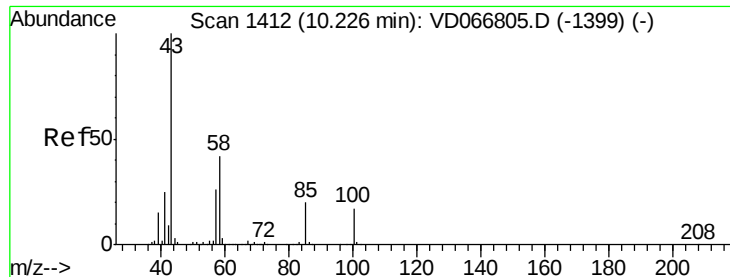
Tgt Ion: 88 Resp: 59180
 Ion Ratio Lower Upper
 88 100
 43 31.6 27.7 41.5
 58 63.6 55.5 83.3



#50
 Toluene-d8
 Concen: 100.067 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 98 Resp: 1469750
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.2 78.2

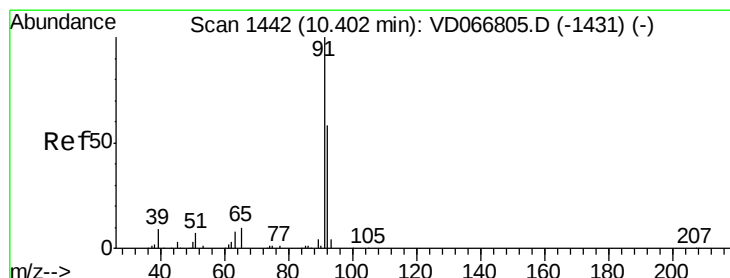
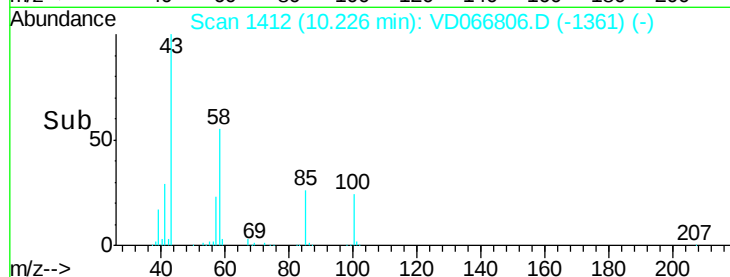
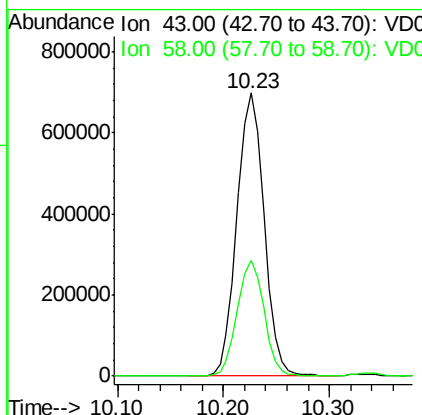
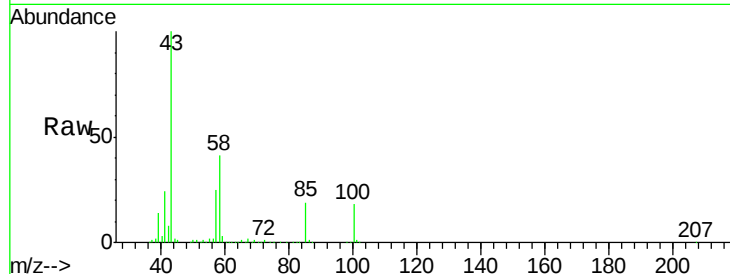




#51
 4-Methyl-2-Pentanone
 Concen: 492.112 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

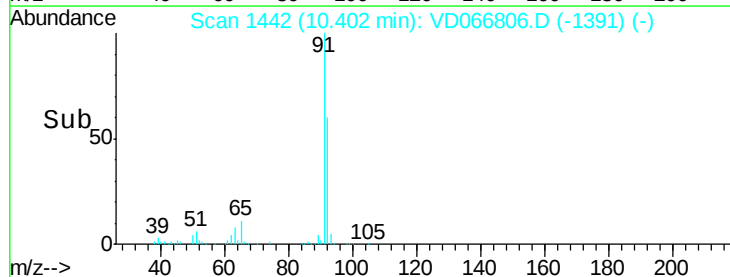
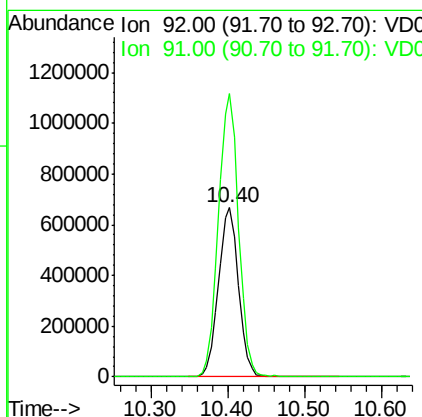
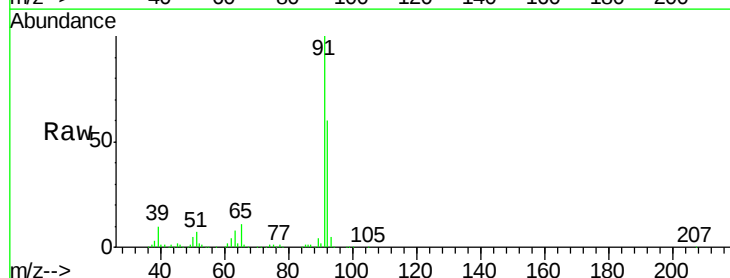
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

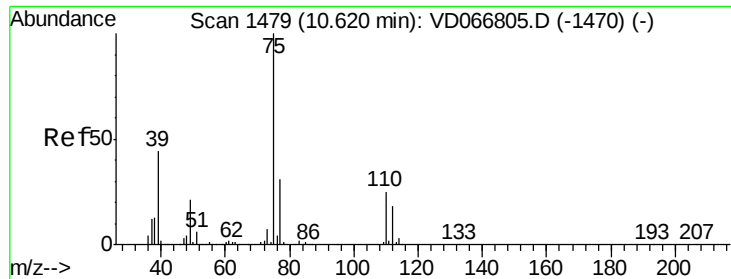
Tgt Ion: 43 Resp: 1248759
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.2 48.4



#52
 Toluene
 Concen: 99.310 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 92 Resp: 1196665
 Ion Ratio Lower Upper
 92 100
 91 168.6 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 98.385 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

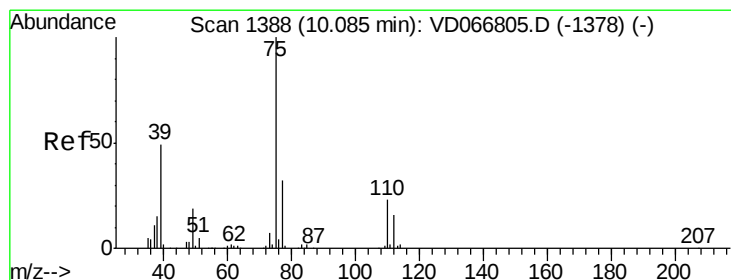
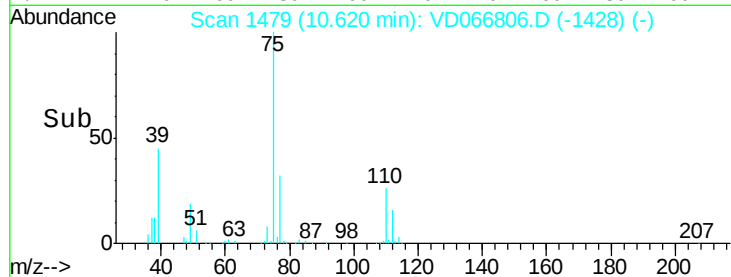
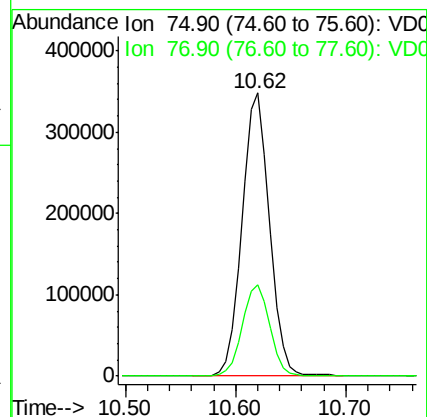
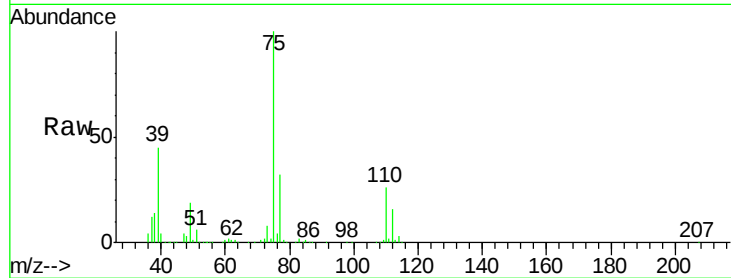
VSTDIC100

Tgt Ion: 75 Resp: 608772

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 98.359 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

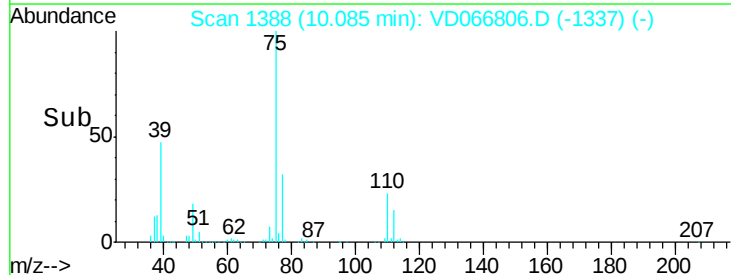
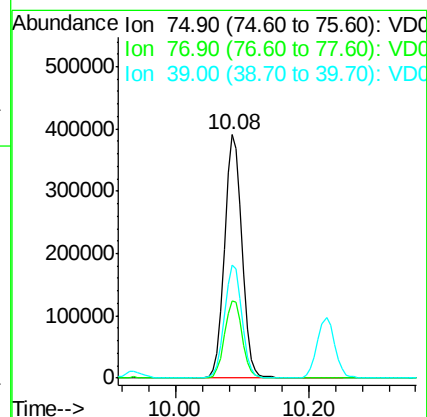
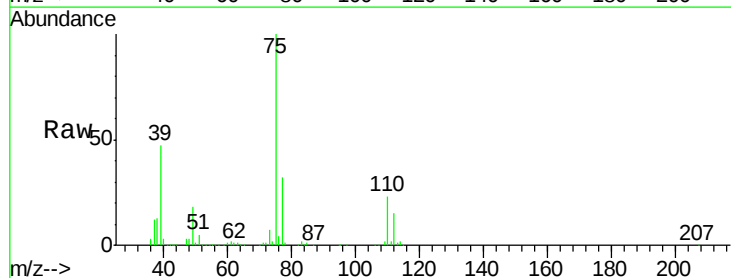
Tgt Ion: 75 Resp: 722997

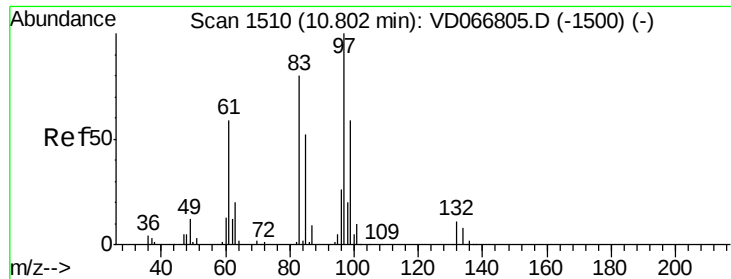
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 46.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 99.779 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 339849

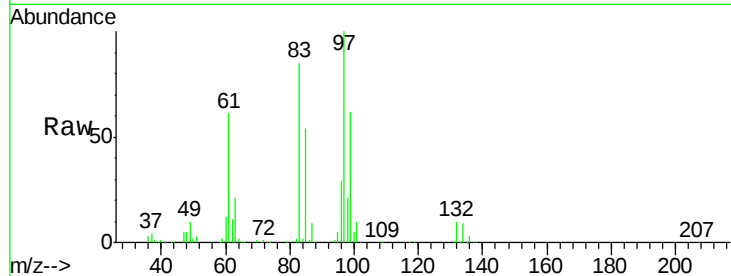
Ion Ratio Lower Upper

97 100

83 85.1 64.2 96.2

85 53.9 41.9 62.9

99 62.4 47.5 71.3

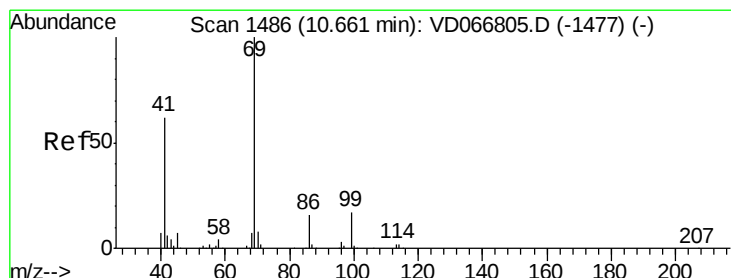
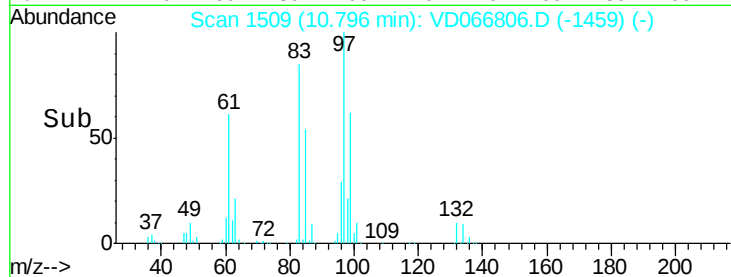
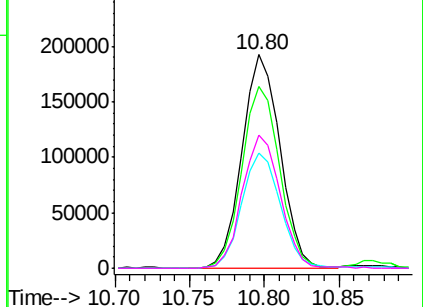


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 110.149 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

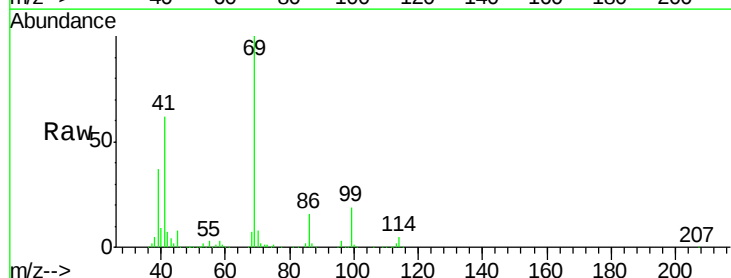
Tgt Ion: 69 Resp: 420226

Ion Ratio Lower Upper

69 100

41 64.8 52.2 78.2

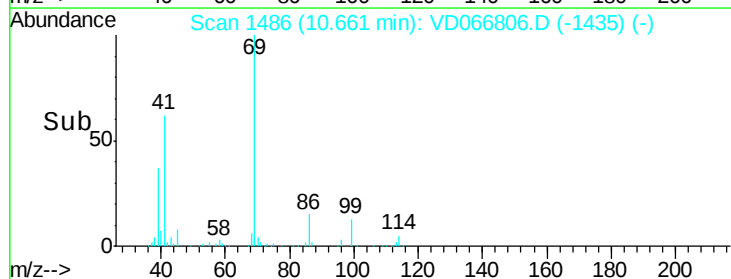
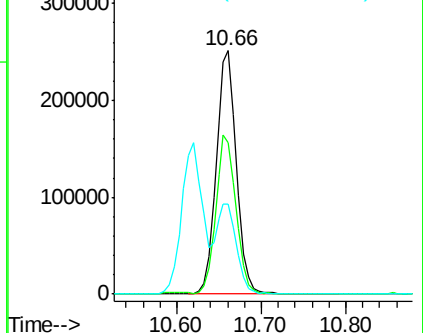
39 34.0 26.6 40.0

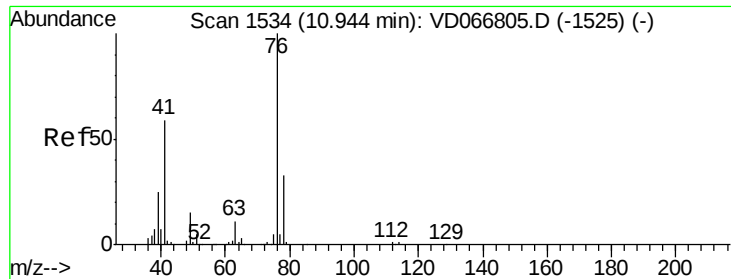


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

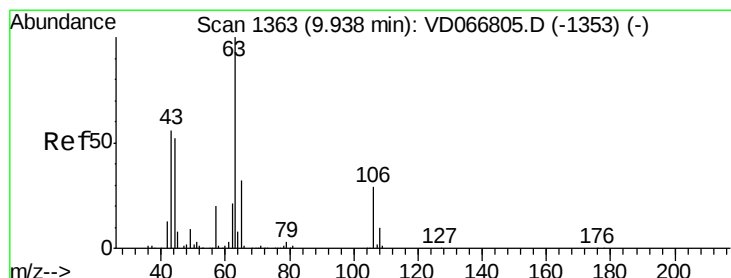
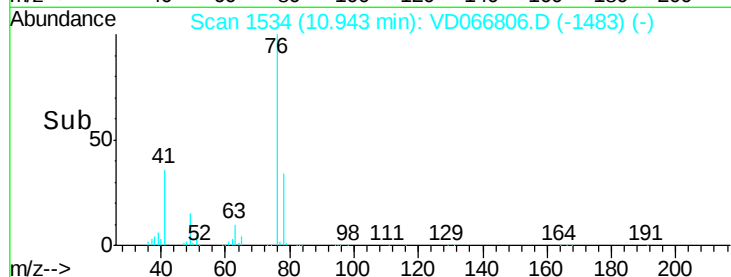
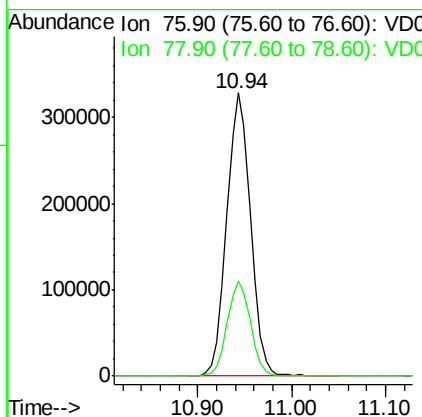
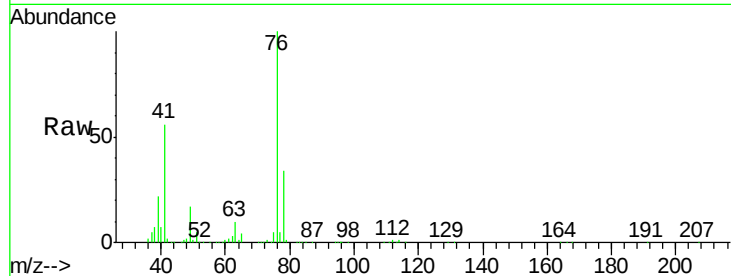




#57
 1,3-Dichloropropane
 Concen: 97.735 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

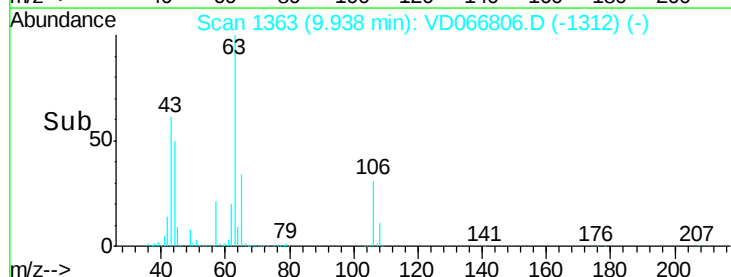
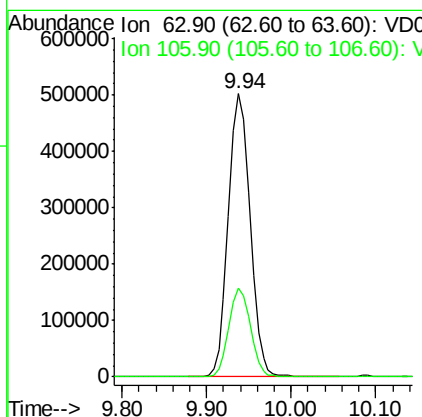
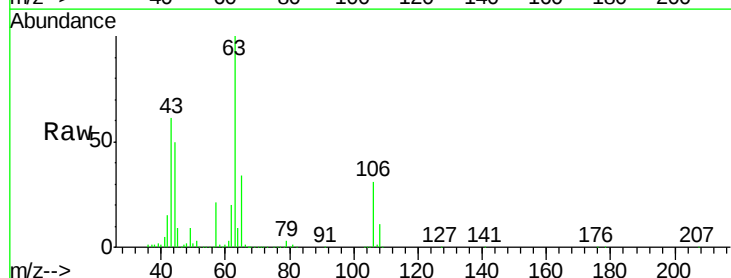
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

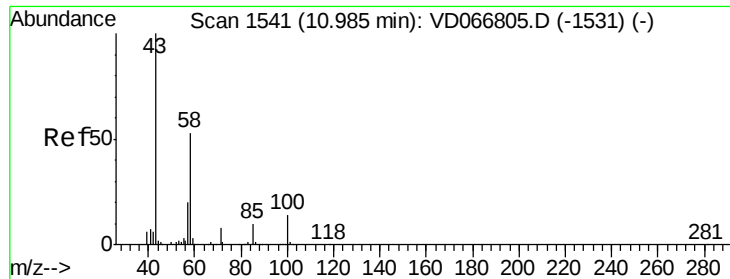
Tgt Ion: 76 Resp: 576588
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 529.454 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 63 Resp: 899271
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.8 35.6

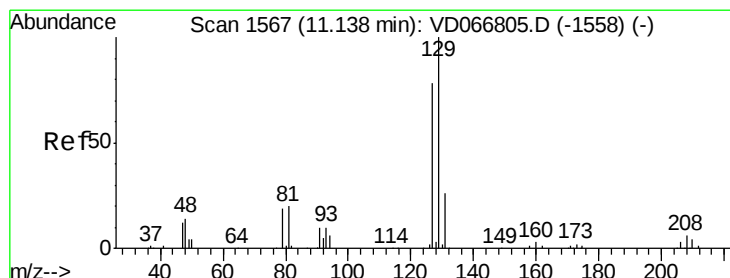
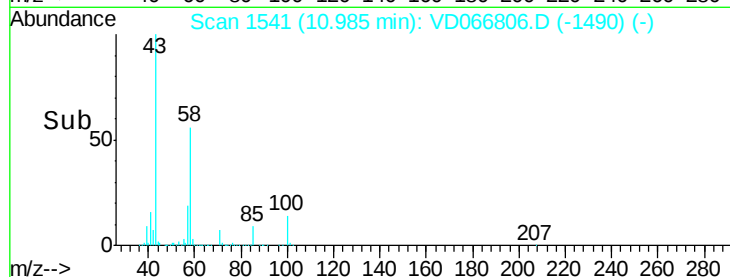
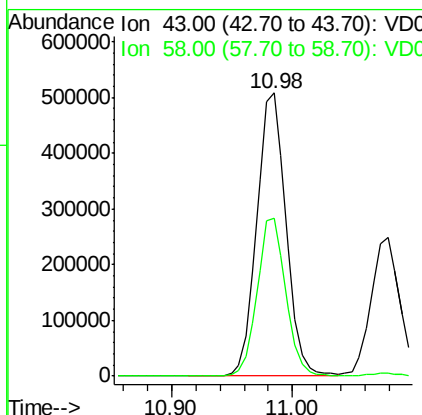
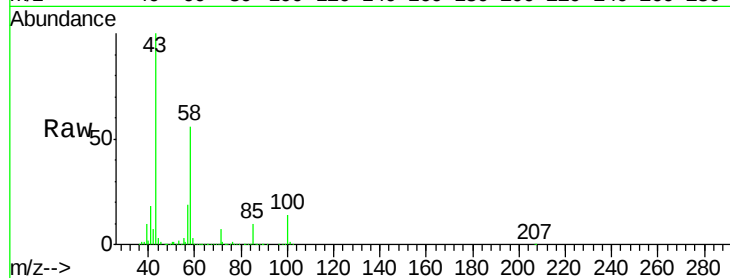




#59
2-Hexanone
Concen: 506.533 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

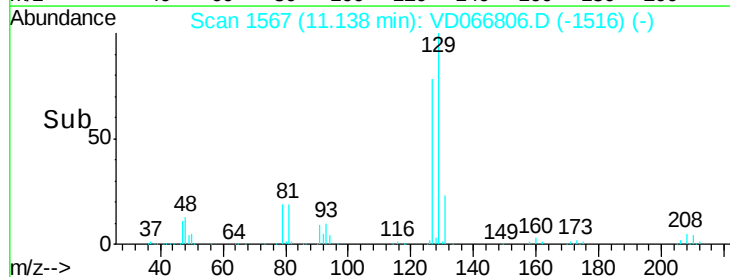
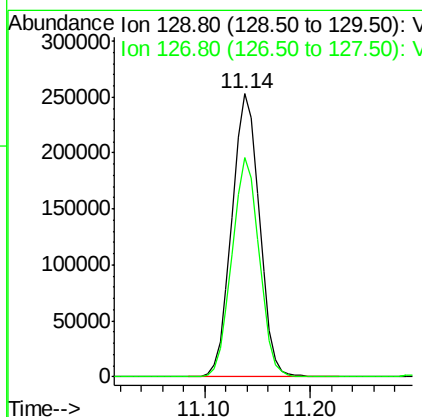
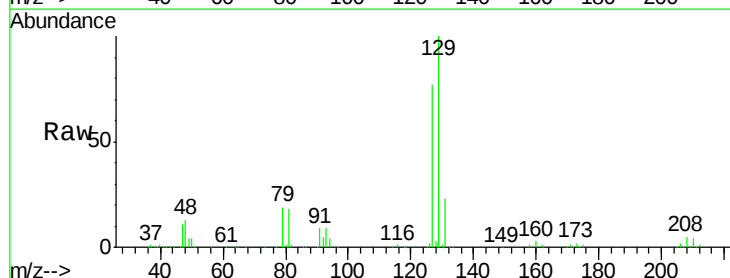
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

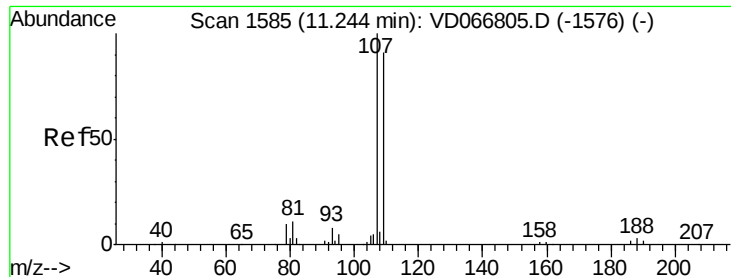
Tgt Ion: 43 Resp: 863760
Ion Ratio Lower Upper
43 100
58 54.7 27.0 80.8



#60
Dibromochloromethane
Concen: 103.369 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 129 Resp: 455996
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

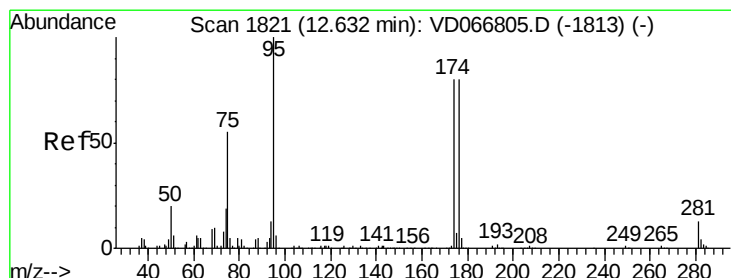
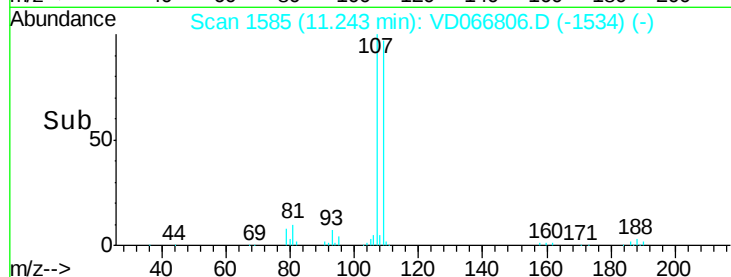
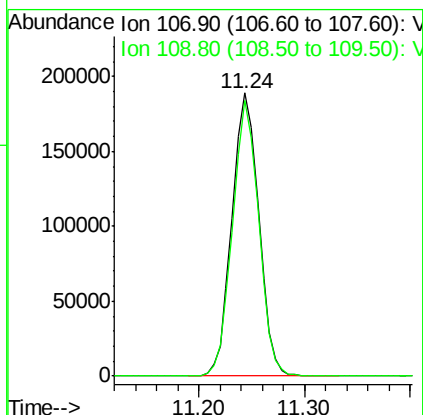
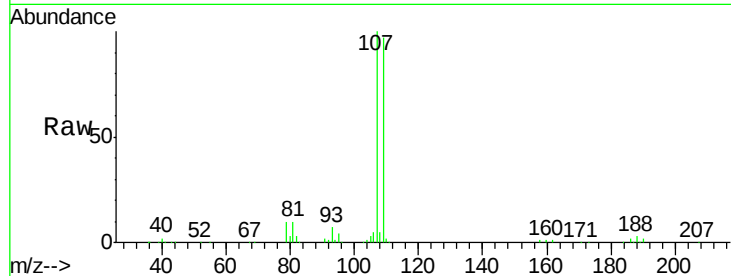




#61
 1,2-Dibromoethane
 Concen: 102.441 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

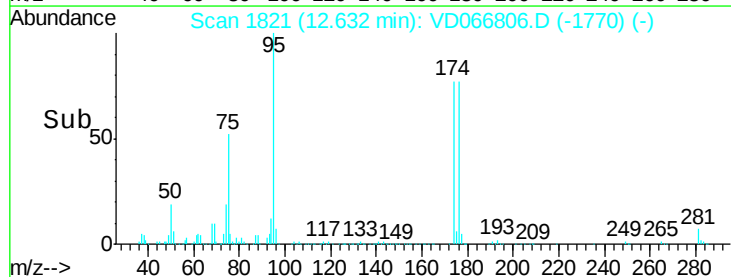
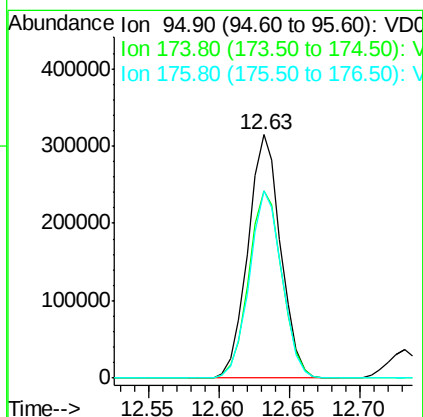
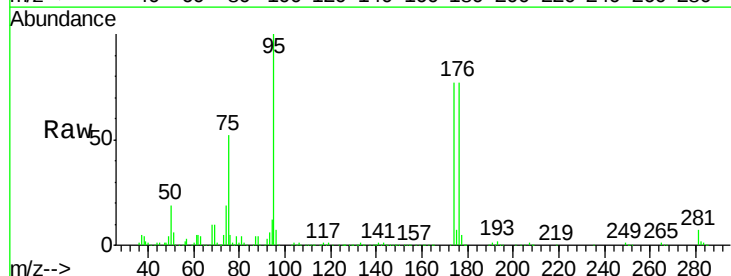
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

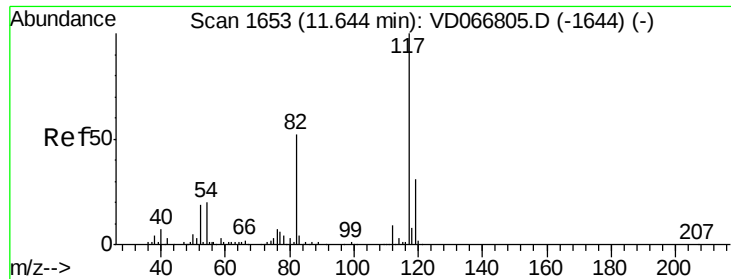
Tgt Ion: 107 Resp: 332867
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 100.618 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 95 Resp: 511202
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 159.8
 176 76.6 0.0 154.4

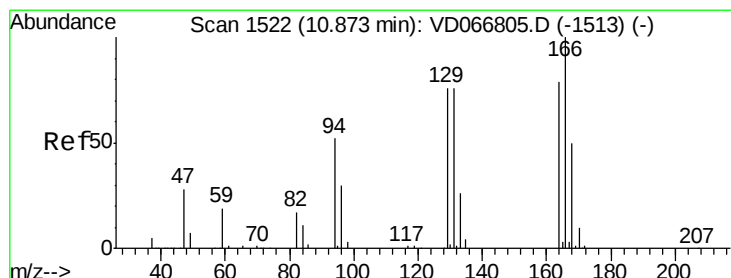
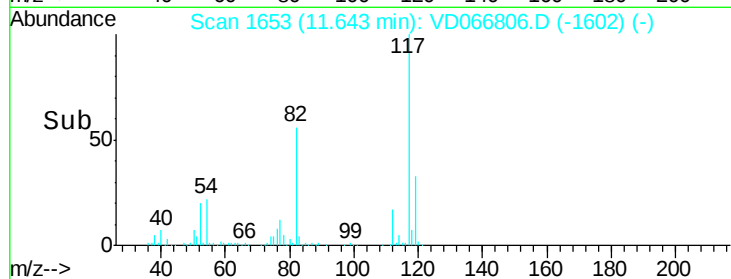
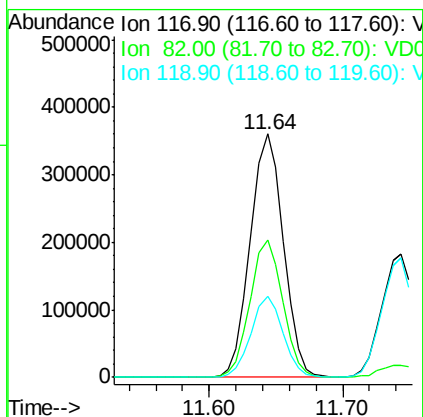
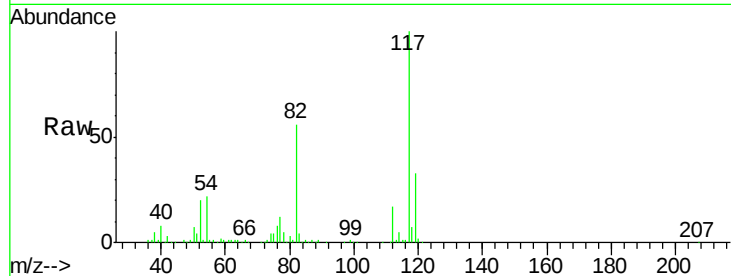




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

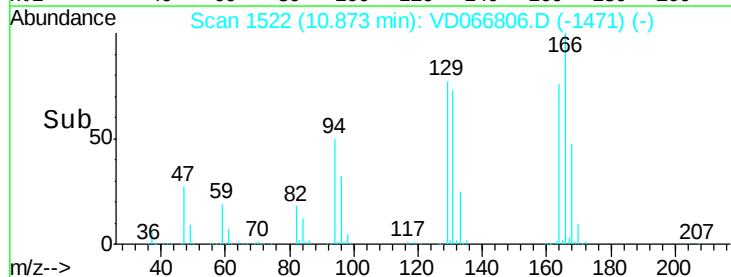
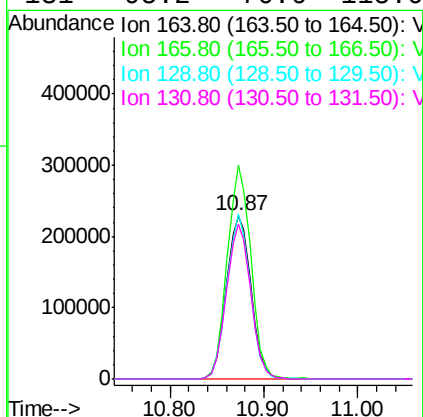
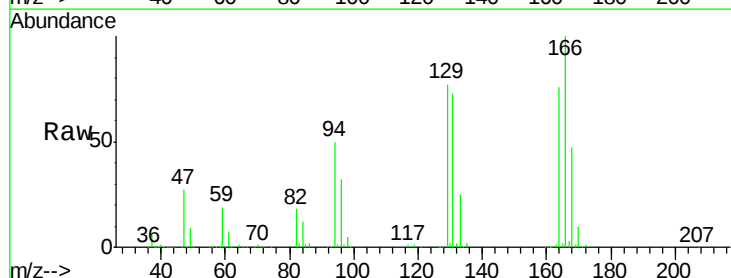
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

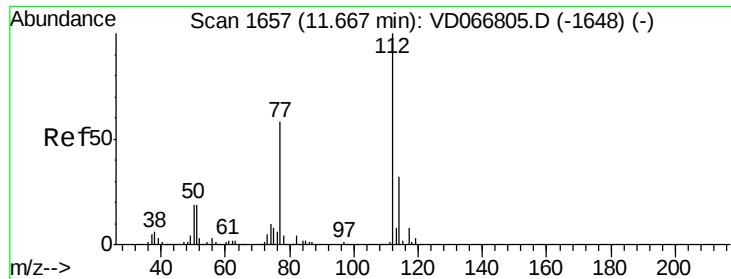
Tgt Ion:117 Resp: 618591
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.6
119 33.4 24.6 37.0



#64
Tetrachloroethene
Concen: 97.535 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion:164 Resp: 414851
Ion Ratio Lower Upper
164 100
166 131.0 101.1 151.7
129 101.2 77.0 115.4
131 95.2 76.6 115.0





#65

Chlorobenzene

Concen: 97.746 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

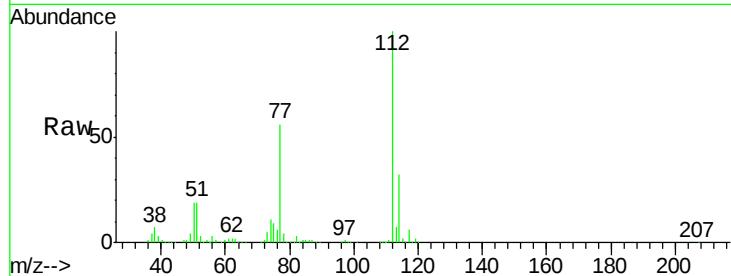
VSTDIC100

Tgt Ion:112 Resp: 1248927

Ion Ratio Lower Upper

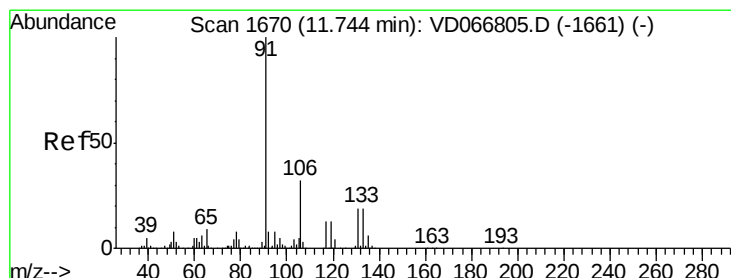
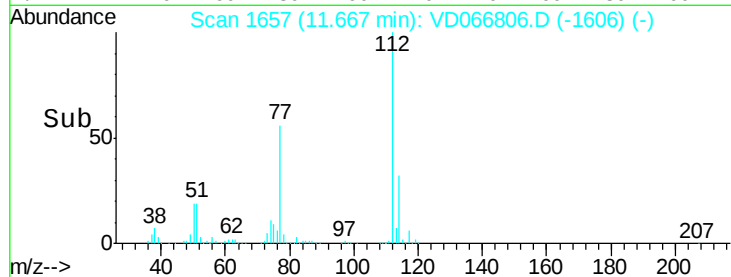
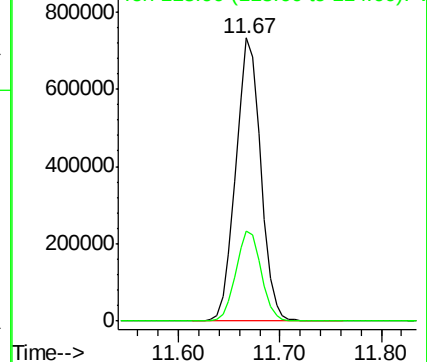
112 100

114 31.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 100.018 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

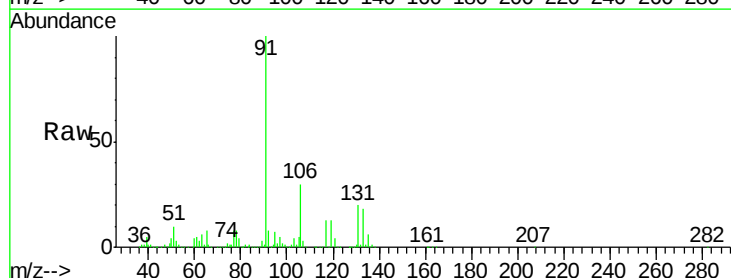
Tgt Ion:131 Resp: 475548

Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.1

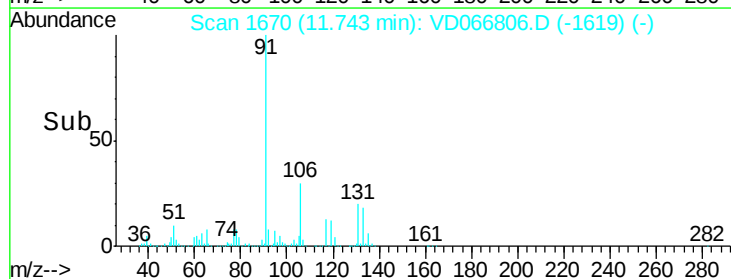
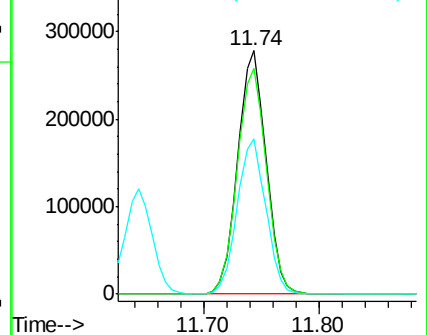
119 64.3 32.3 96.9

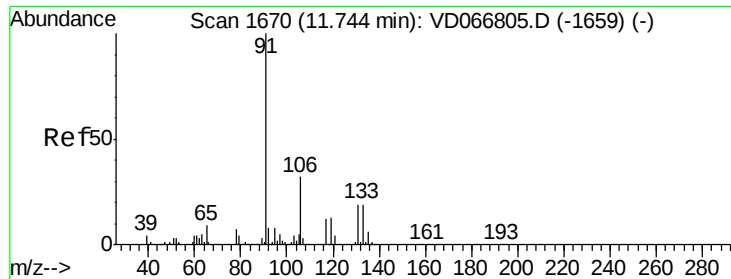


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

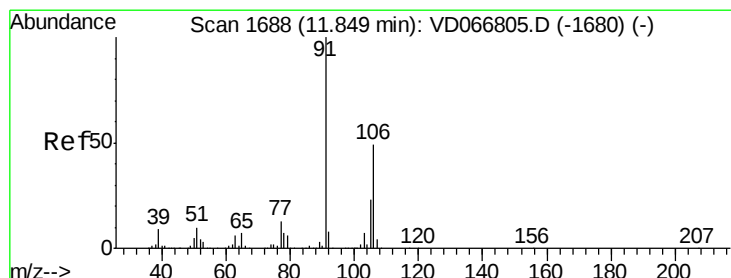
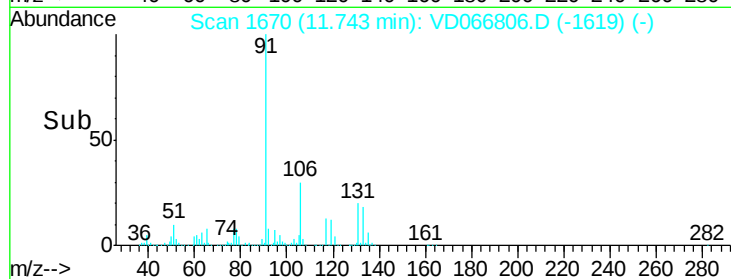
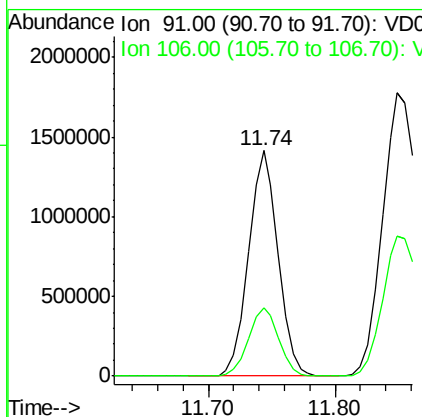
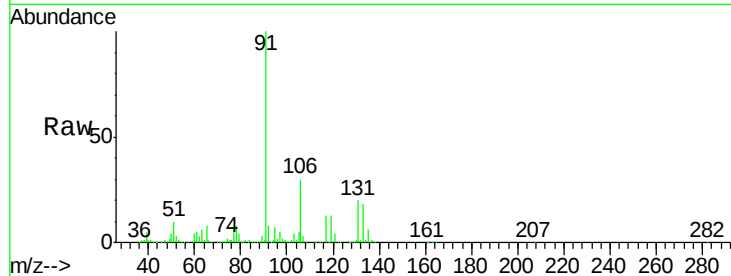




#67
Ethyl Benzene
Concen: 99.016 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

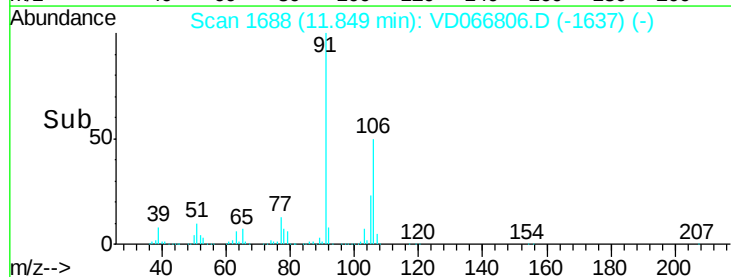
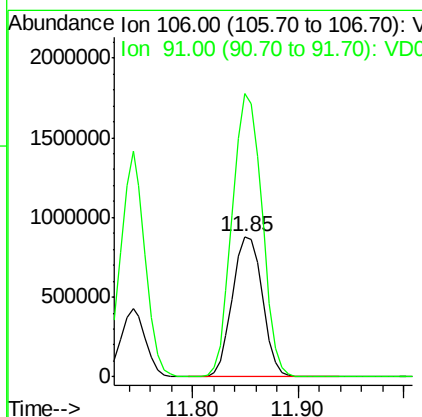
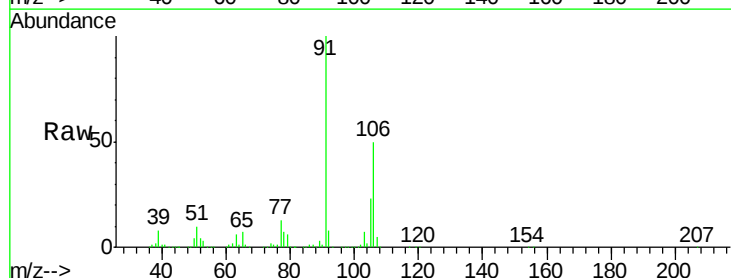
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

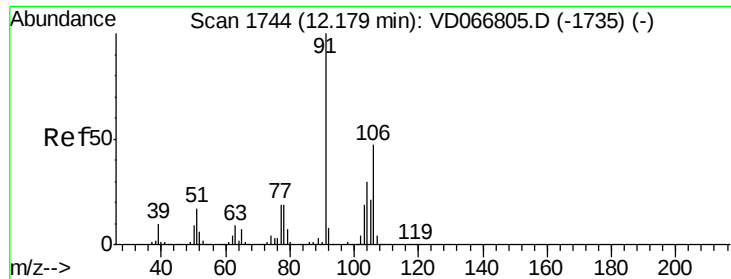
Tgt Ion: 91 Resp: 2284963
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 198.117 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 106 Resp: 1732621
Ion Ratio Lower Upper
106 100
91 200.5 160.7 241.1

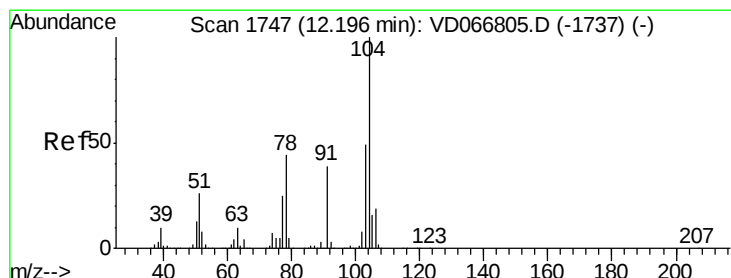
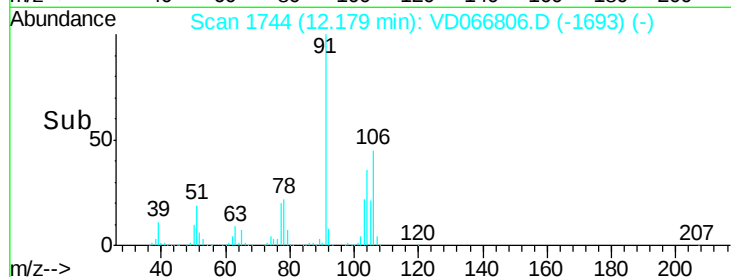
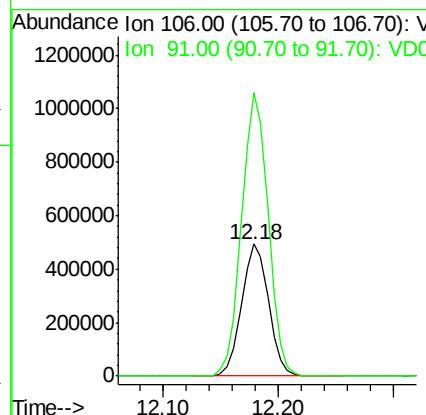
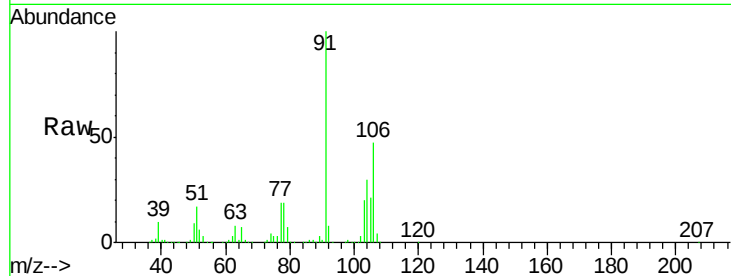




#69
o-Xylene
Concen: 102.836 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

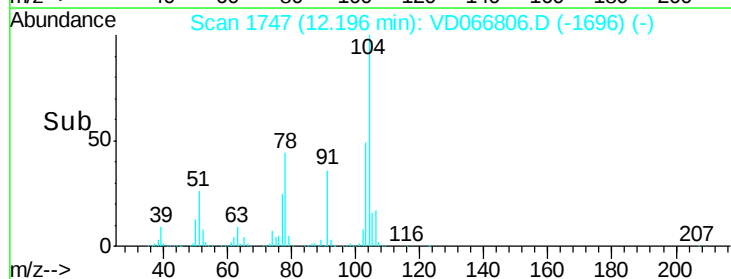
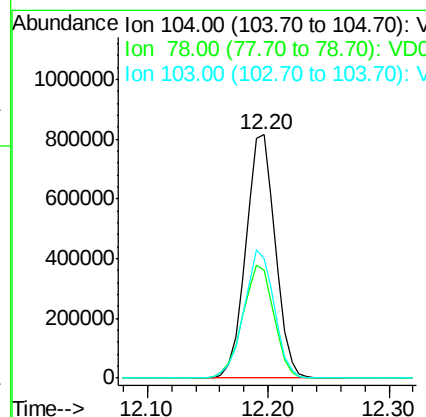
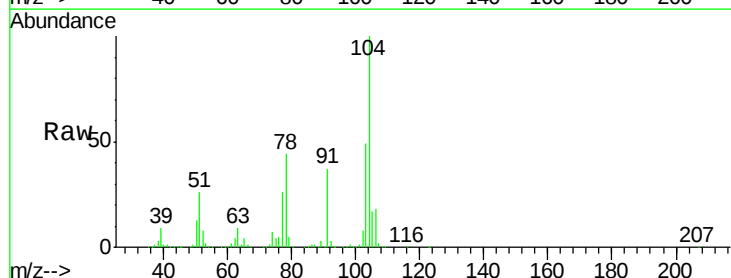
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

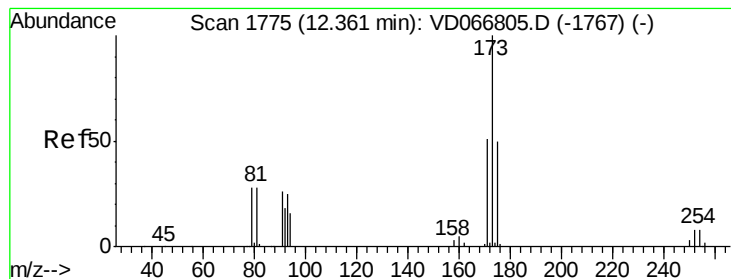
Tgt Ion:106 Resp: 797158
Ion Ratio Lower Upper
106 100
91 212.2 106.3 318.8



#70
Styrene
Concen: 101.914 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion:104 Resp: 1387036
Ion Ratio Lower Upper
104 100
78 49.2 38.9 58.3
103 54.1 43.2 64.8





#71

Bromoform

Concen: 103.496 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

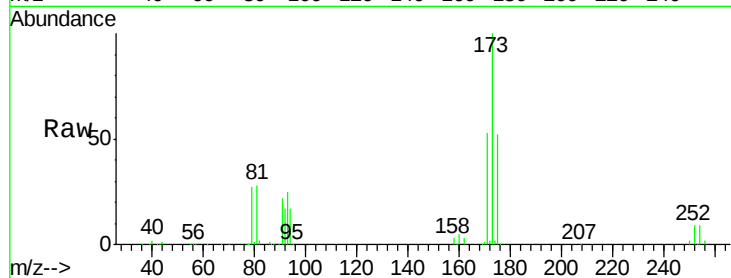
Tgt Ion:173 Resp: 247746

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

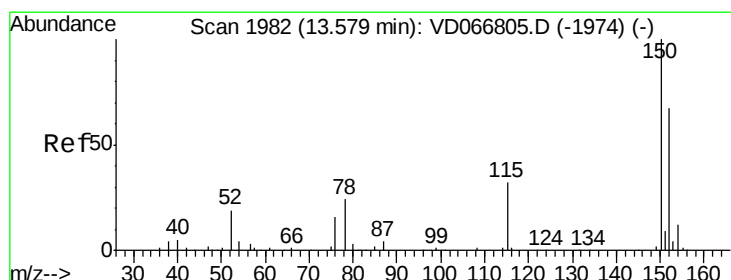
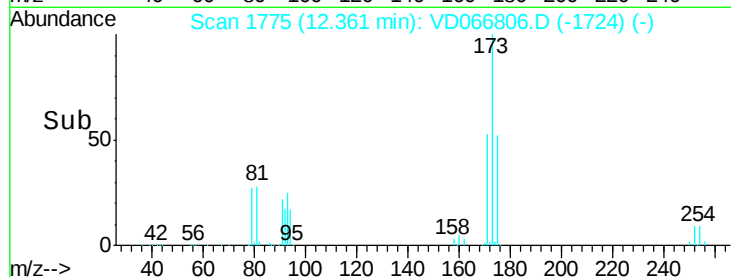
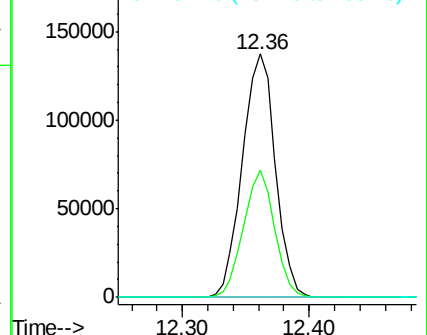
254 0.0 0.1 0.1#



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: VD066806.D

Acq: 22 Sep 2020 12:38

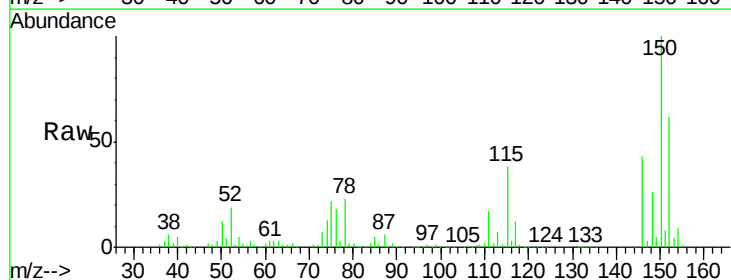
Tgt Ion:152 Resp: 297748

Ion Ratio Lower Upper

152 100

115 59.4 30.3 91.0

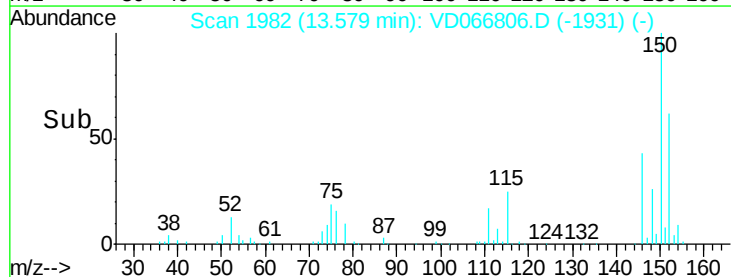
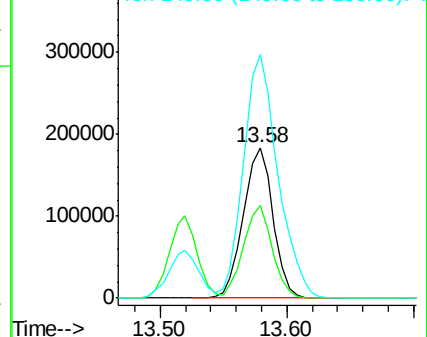
150 187.9 0.0 346.2

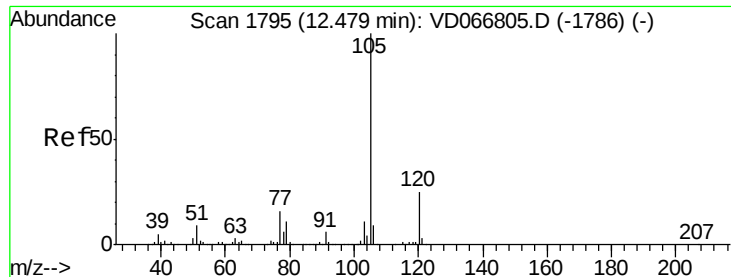


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 97.911 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

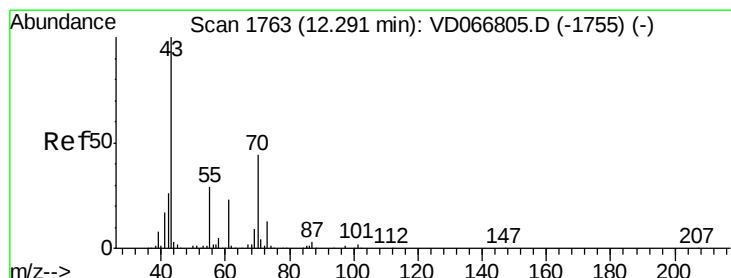
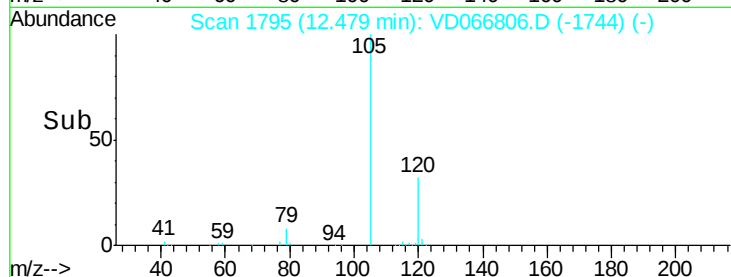
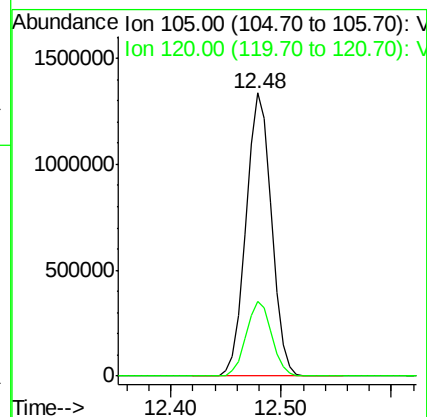
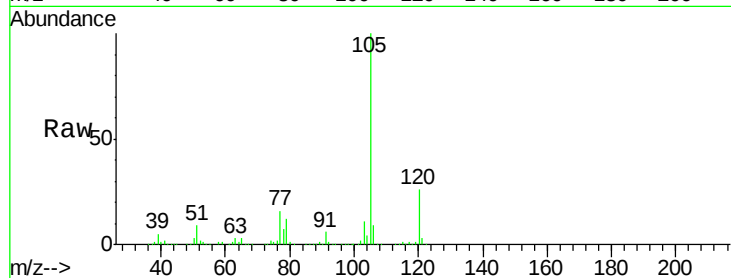
VSTDIC100

Tgt Ion:105 Resp: 2167991

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 97.498 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Tgt Ion: 43 Resp: 453498

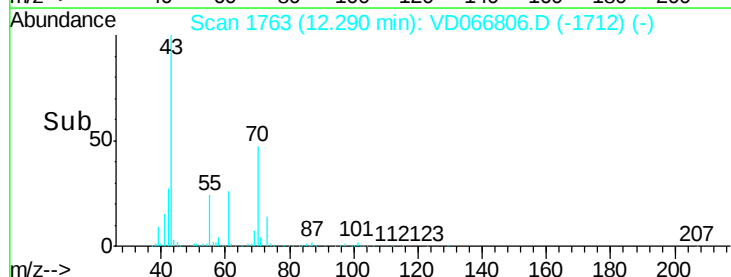
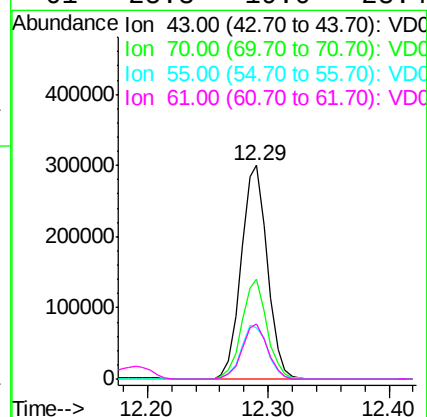
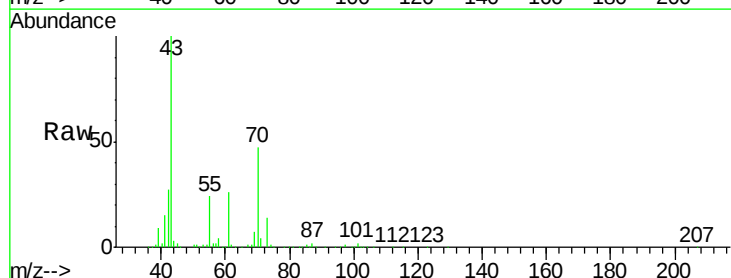
Ion Ratio Lower Upper

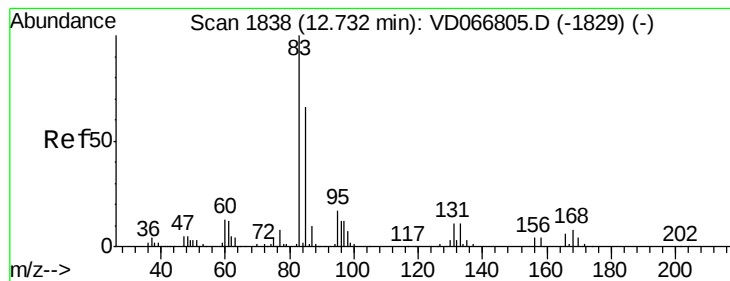
43 100

70 45.1 36.1 54.1

55 25.7 21.8 32.8

61 25.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 95.627 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

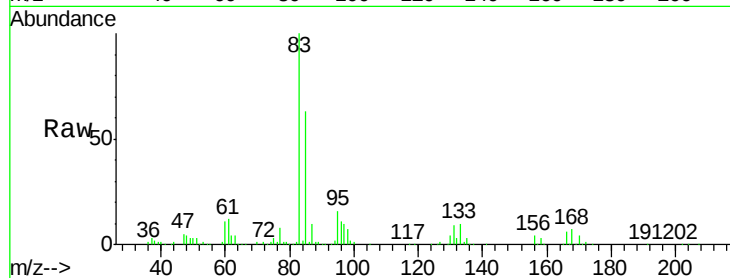
Tgt Ion: 83 Resp: 363796

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

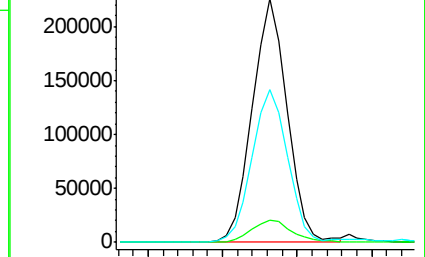
85 64.2 32.1 96.5



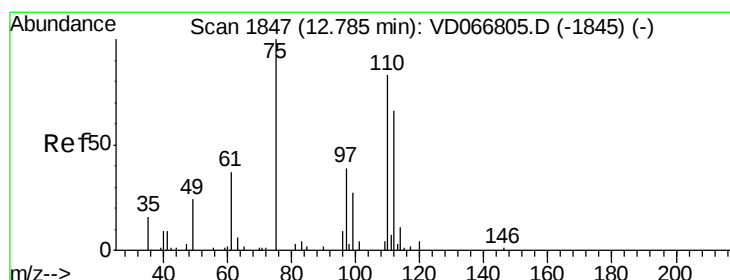
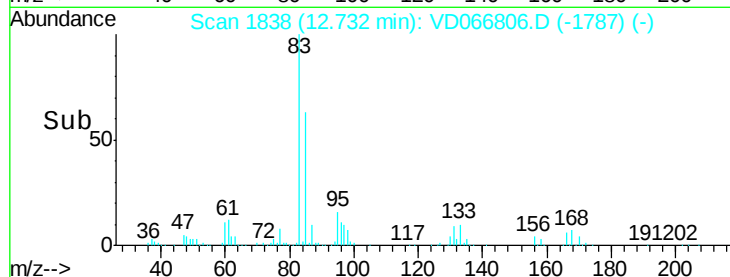
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time-->



#76

1,2,3-Trichloropropane

Concen: 186.218 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066806.D

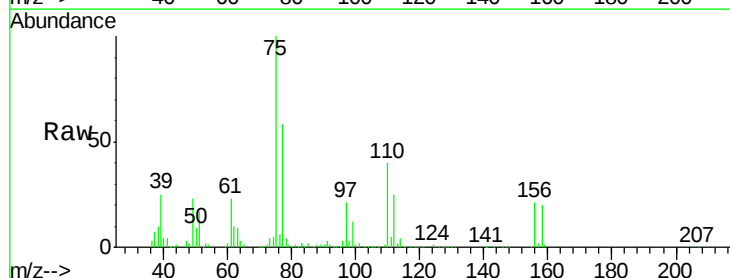
Acq: 22 Sep 2020 12:38

Tgt Ion: 75 Resp: 477326

Ion Ratio Lower Upper

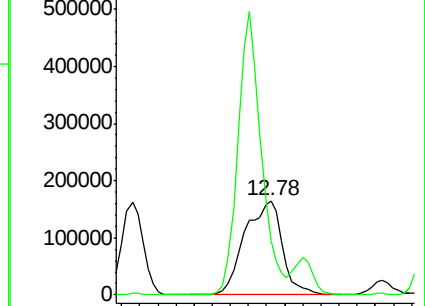
75 100

77 0.0 0.0 0.0

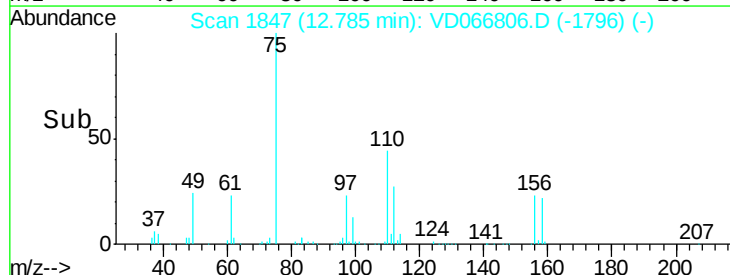


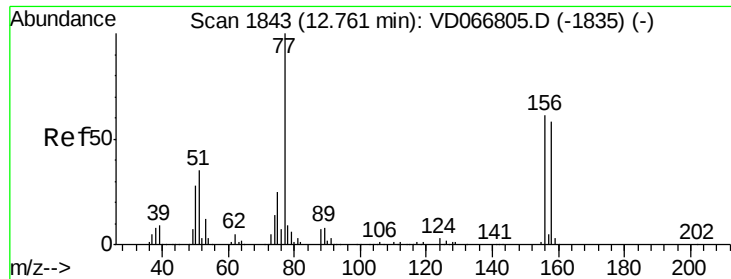
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->

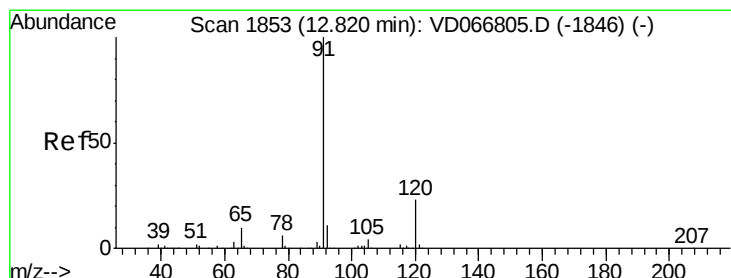
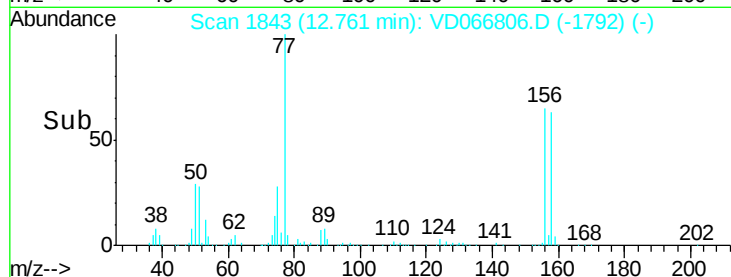
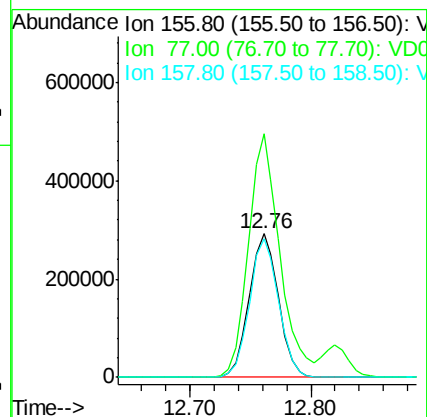
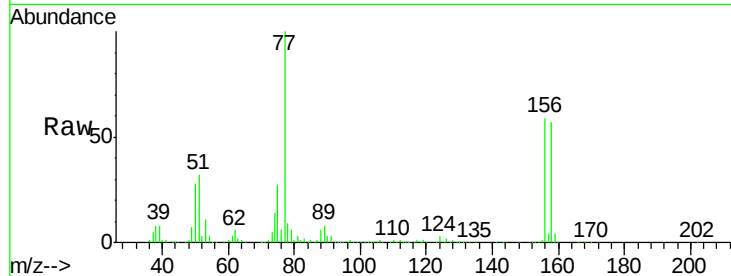




#77
Bromobenzene
Concen: 95.399 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

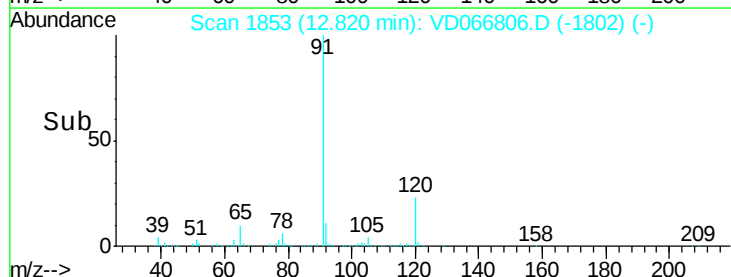
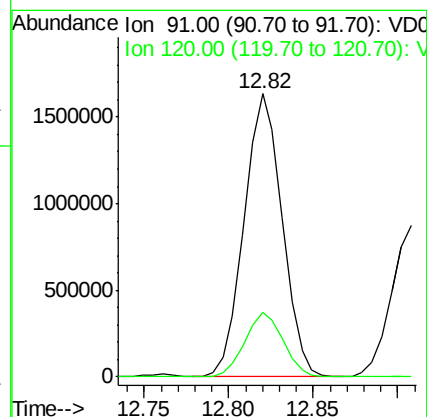
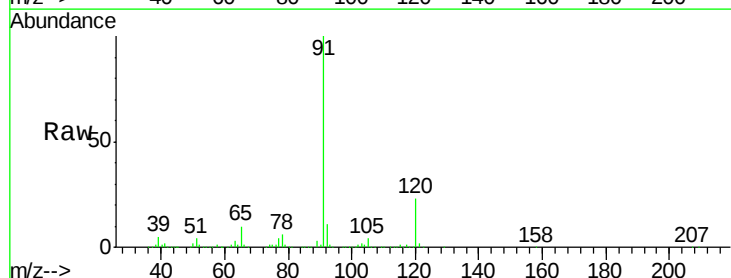
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

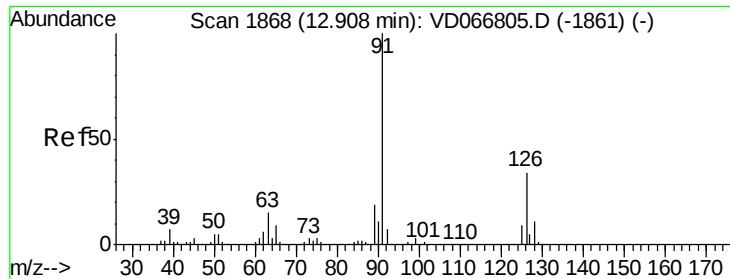
Tgt Ion:156 Resp: 491523
Ion Ratio Lower Upper
156 100
77 182.9 92.3 276.9
158 96.0 47.6 142.9



#78
n-propylbenzene
Concen: 95.159 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion: 91 Resp: 2562412
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2

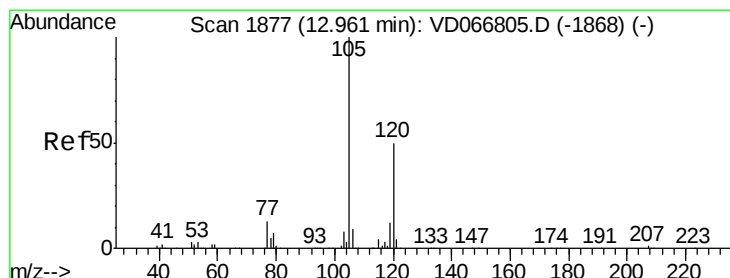
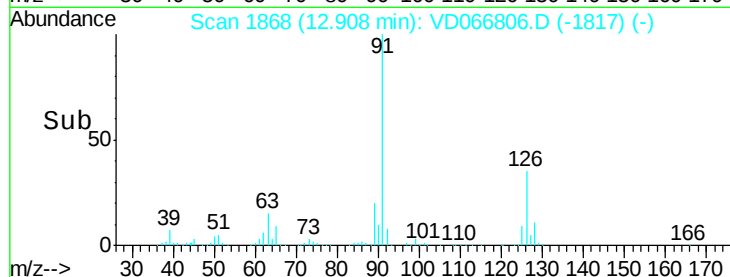
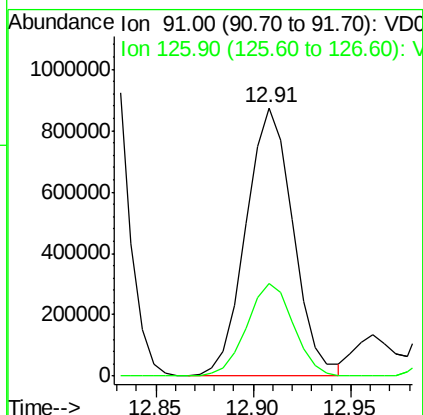
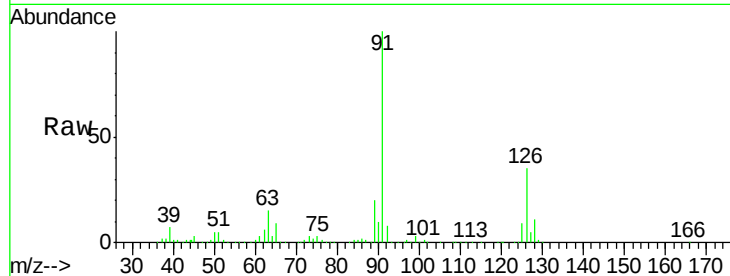




#79
 2-Chlorotoluene
 Concen: 96.047 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

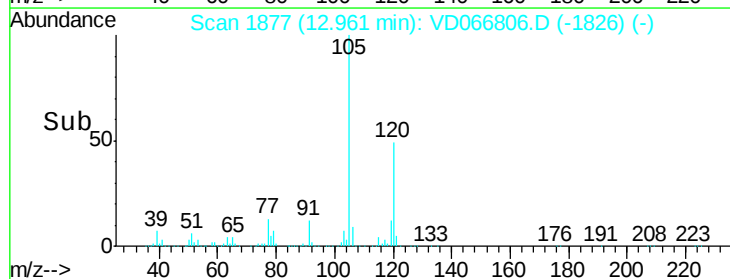
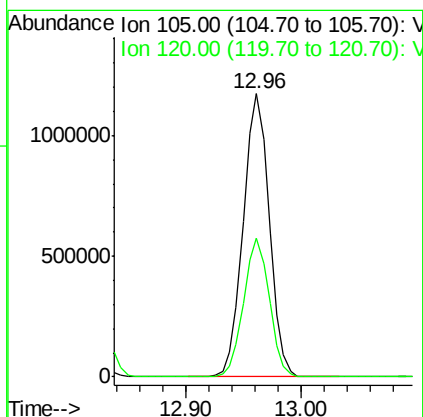
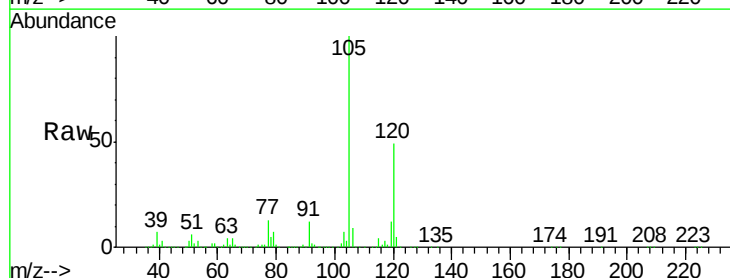
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

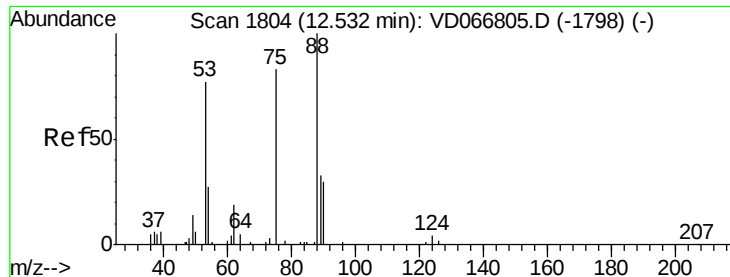
Tgt Ion: 91 Resp: 1461941
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 98.130 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 105 Resp: 1834603
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 92.431 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

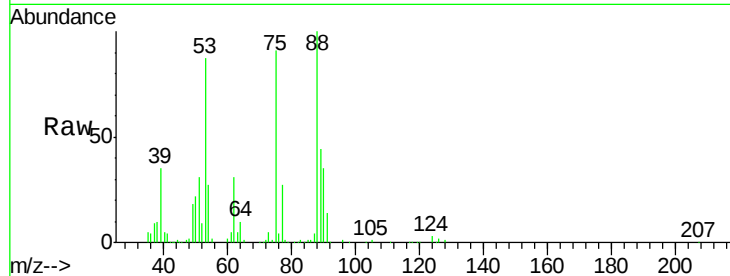
Tgt Ion: 75 Resp: 107742

Ion Ratio Lower Upper

75 100

53 94.9 78.5 117.7

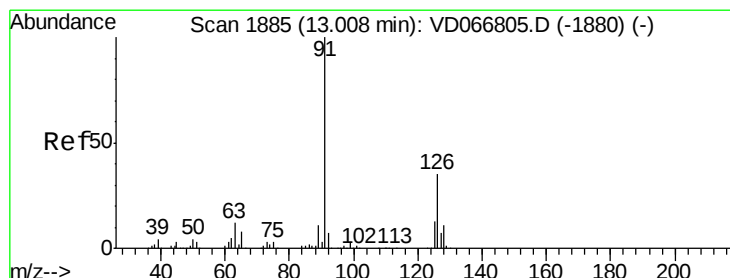
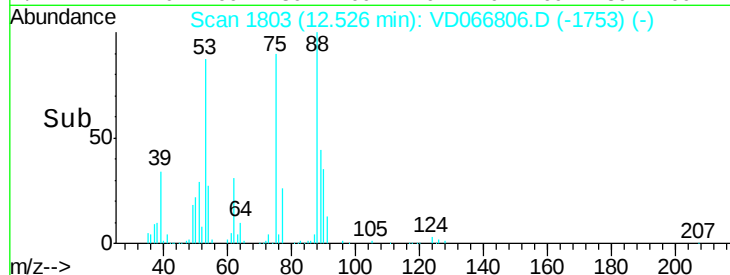
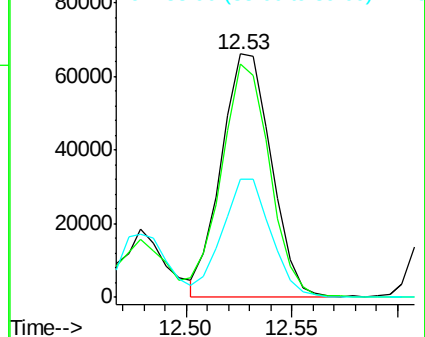
89 47.9 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 93.329 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066806.D

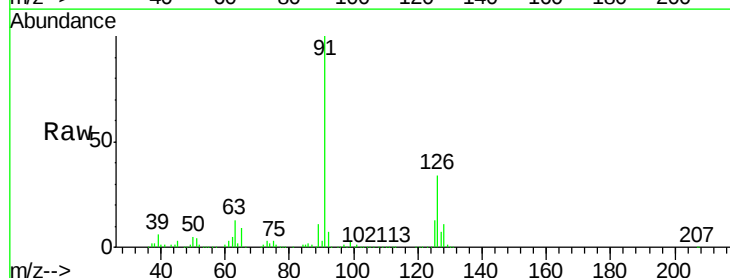
Acq: 22 Sep 2020 12:38

Tgt Ion: 91 Resp: 1506329

Ion Ratio Lower Upper

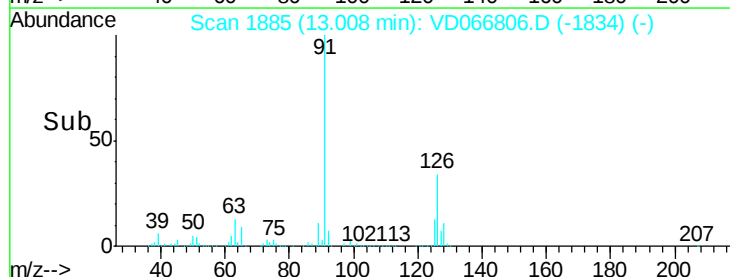
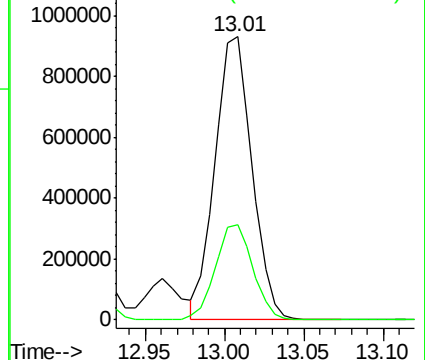
91 100

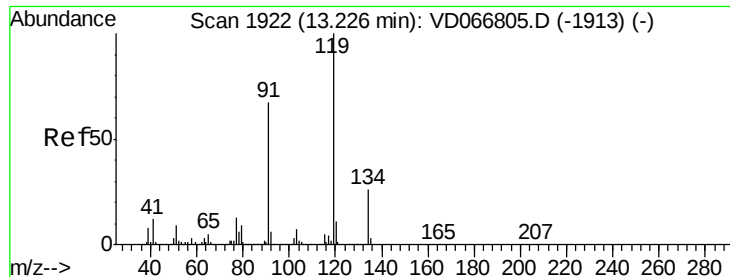
126 34.3 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

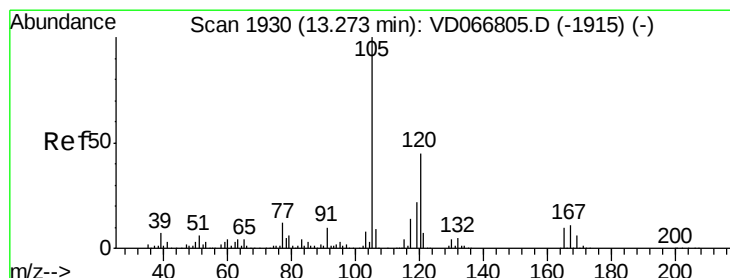
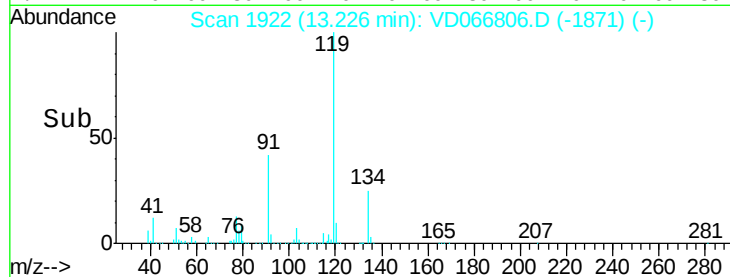
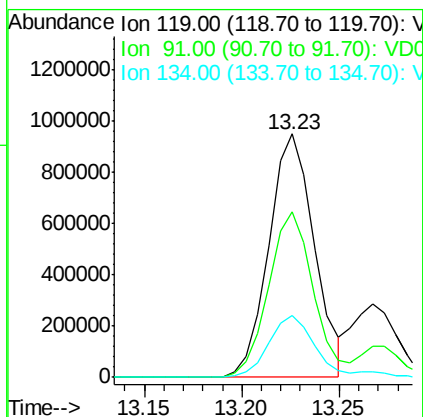
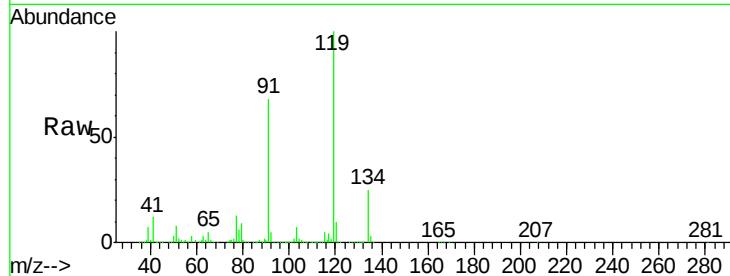




#83
tert-Butylbenzene
Concen: 99.560 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

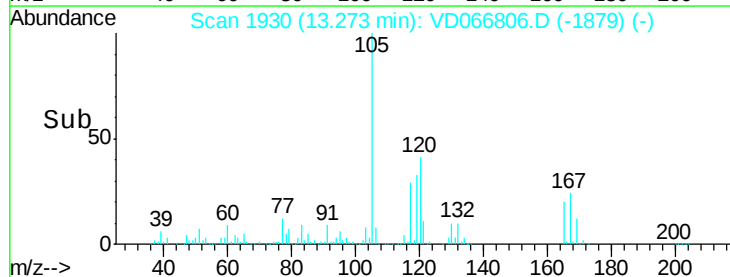
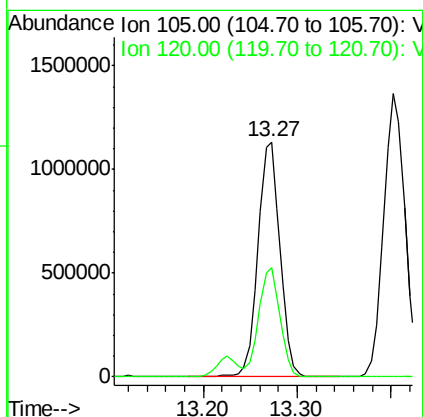
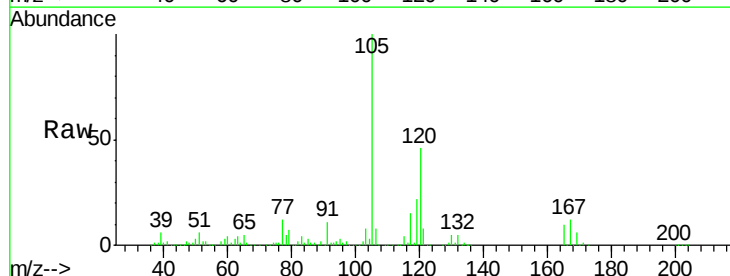
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

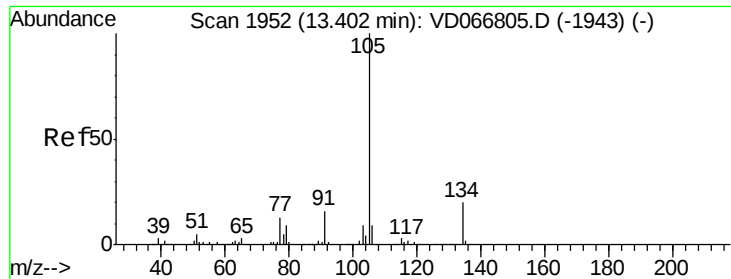
Tgt Ion:119 Resp: 1537691
Ion Ratio Lower Upper
119 100
91 67.2 33.6 100.8
134 26.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 97.750 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion:105 Resp: 1827269
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.9

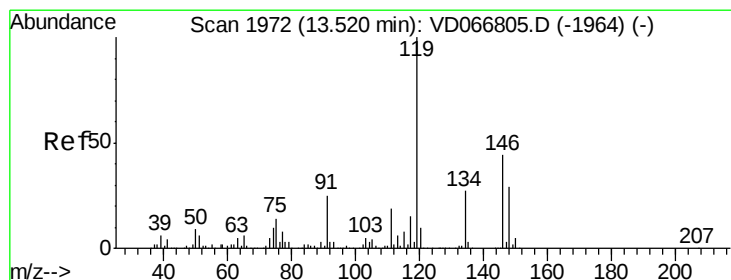
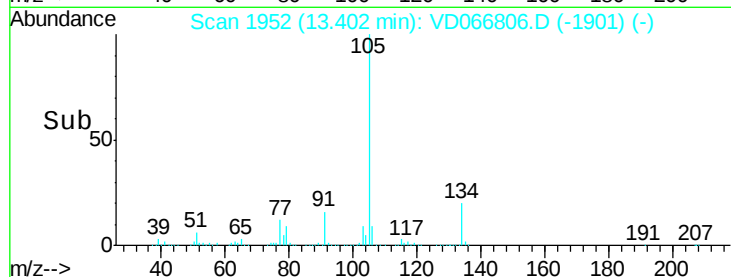
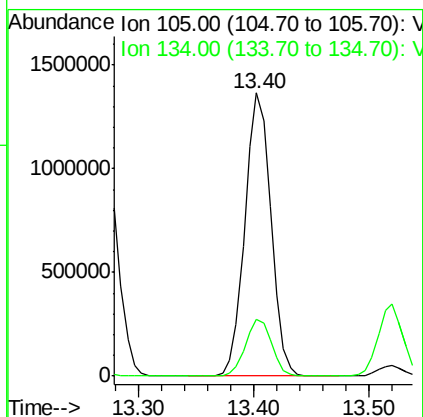
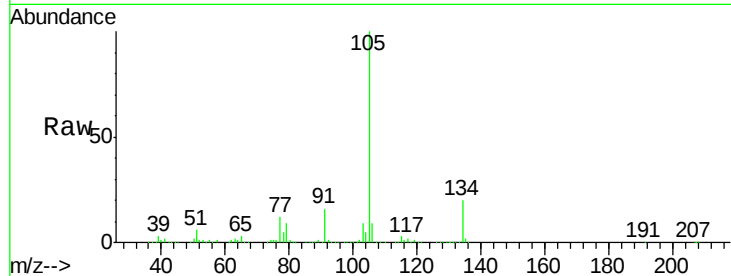




#85
 sec-Butylbenzene
 Concen: 96.858 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

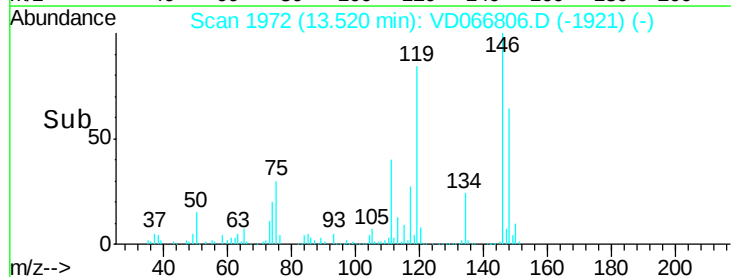
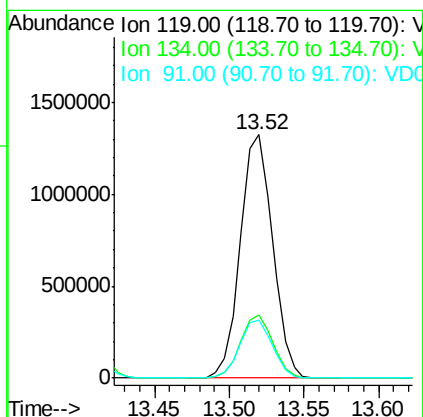
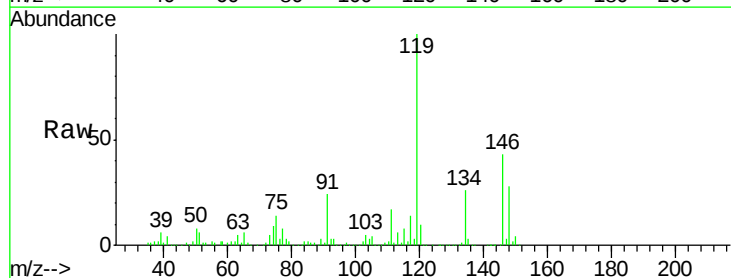
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

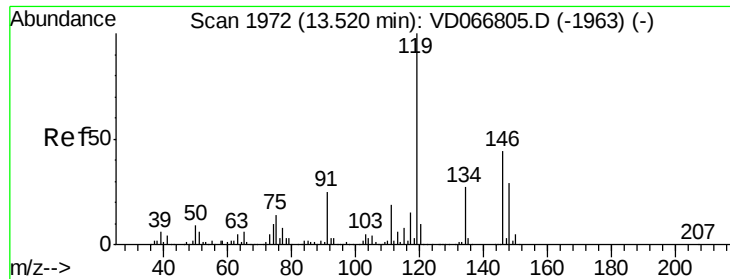
Tgt Ion:105 Resp: 2140175
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 98.911 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion:119 Resp: 1985620
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 94.886 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

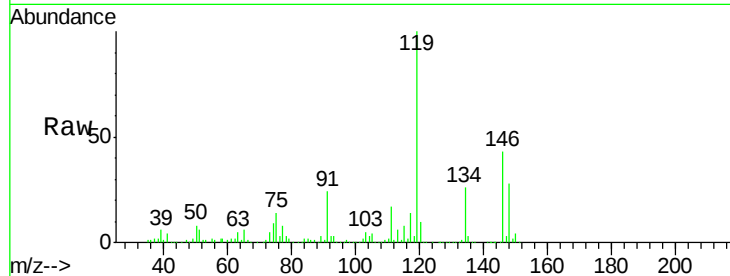
Tgt Ion:146 Resp: 933972

Ion Ratio Lower Upper

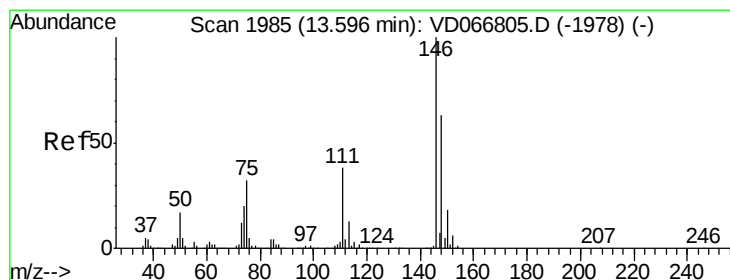
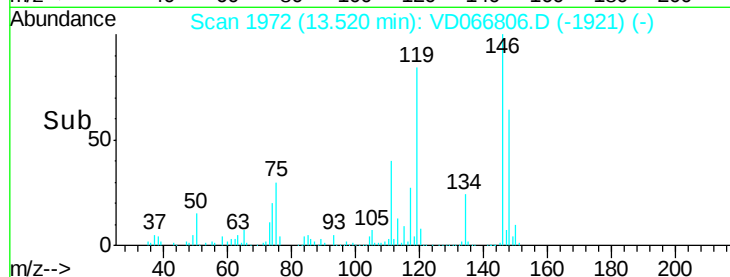
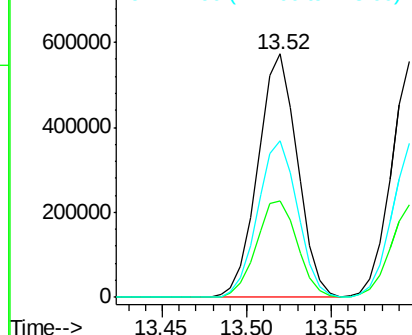
146 100

111 41.0 20.3 60.9

148 64.8 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 93.940 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

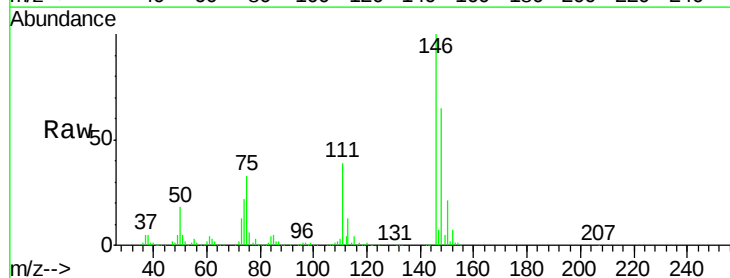
Tgt Ion:146 Resp: 921613

Ion Ratio Lower Upper

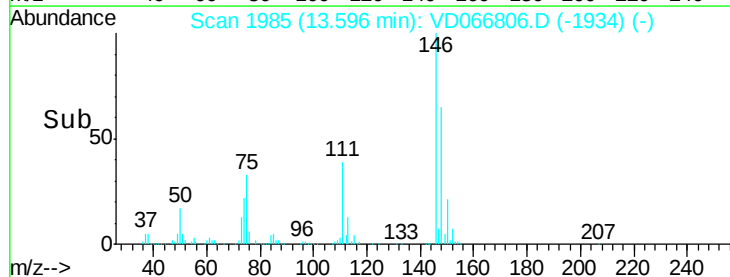
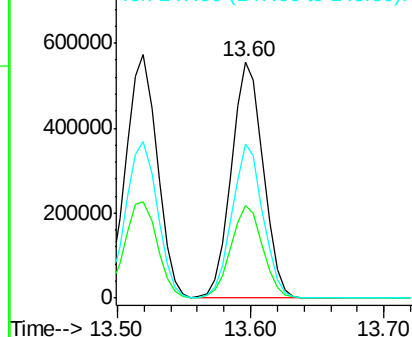
146 100

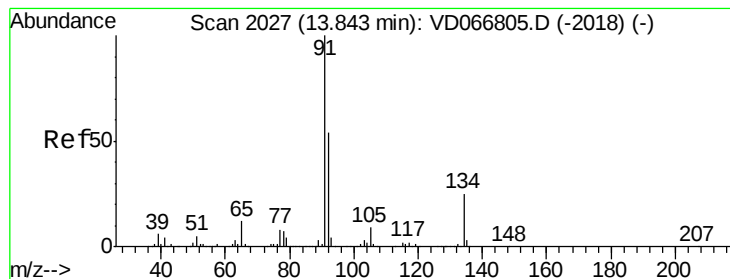
111 39.2 20.2 60.5

148 63.6 31.6 94.7



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





#89

n-Butylbenzene

Concen: 98.741 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.00 min

Lab File: VD066806.D

Acq: 22 Sep 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

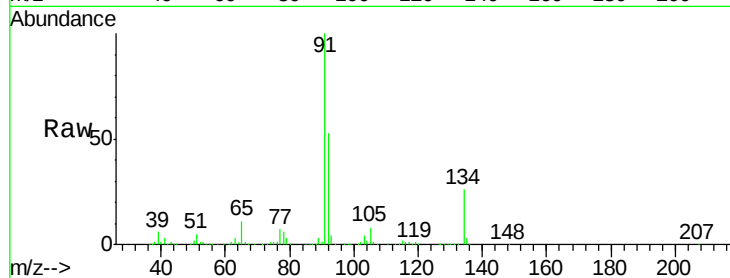
Tgt Ion: 91 Resp: 1877710

Ion Ratio Lower Upper

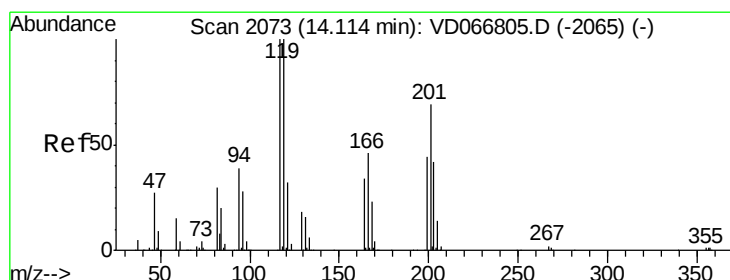
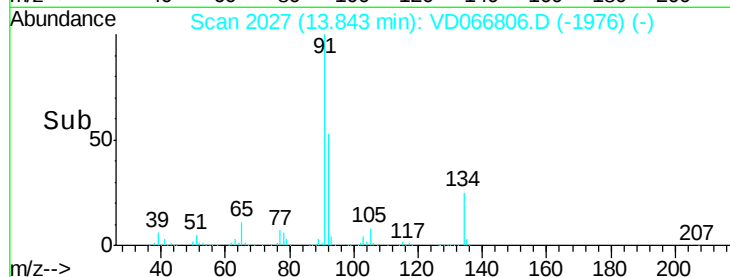
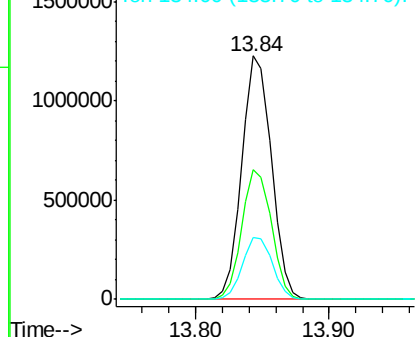
91 100

92 53.2 26.7 80.0

134 25.9 13.1 39.1



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



#90

Hexachloroethane

Concen: 94.167 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066806.D

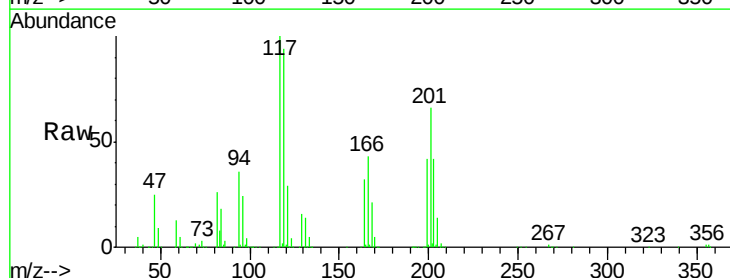
Acq: 22 Sep 2020 12:38

Tgt Ion: 117 Resp: 386553

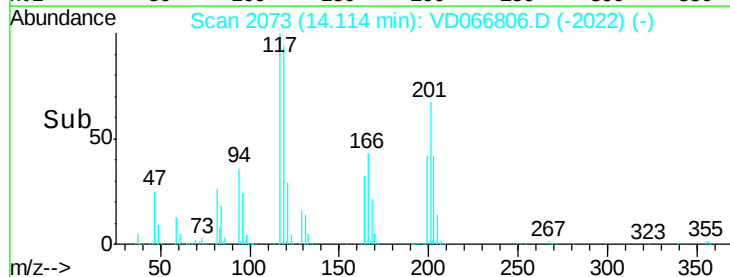
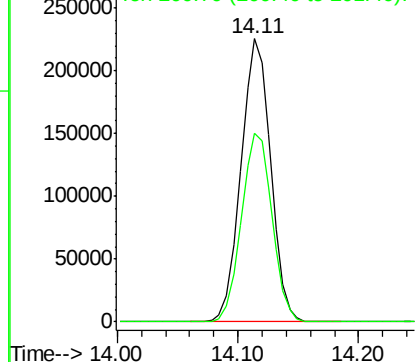
Ion Ratio Lower Upper

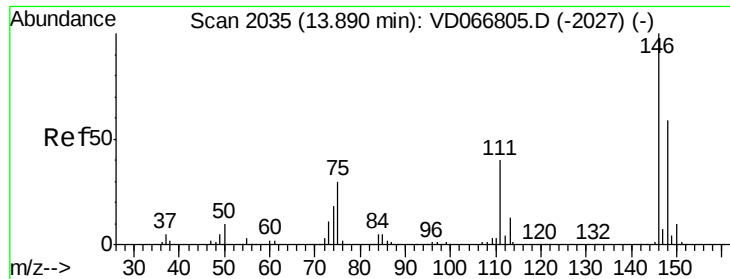
117 100

201 68.6 33.7 101.0



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

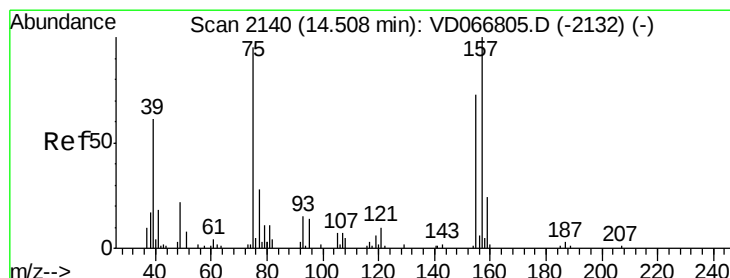
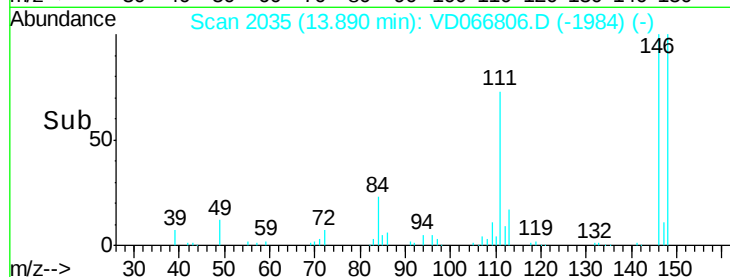
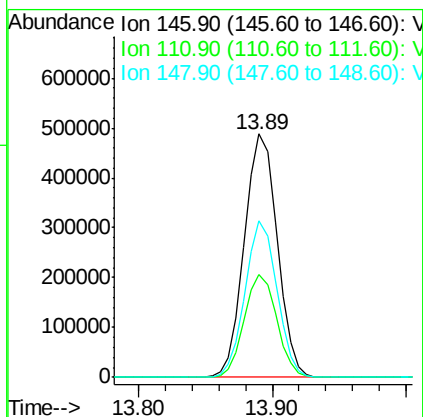
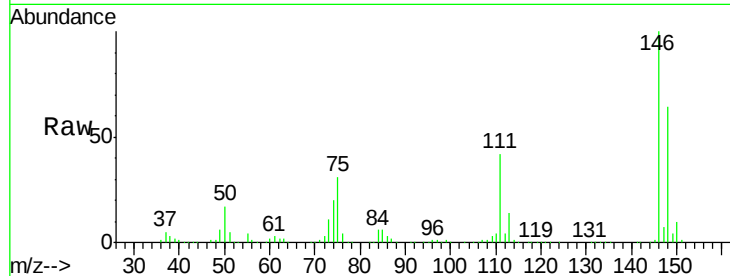




#91
 1,2-Dichlorobenzene
 Concen: 98.282 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

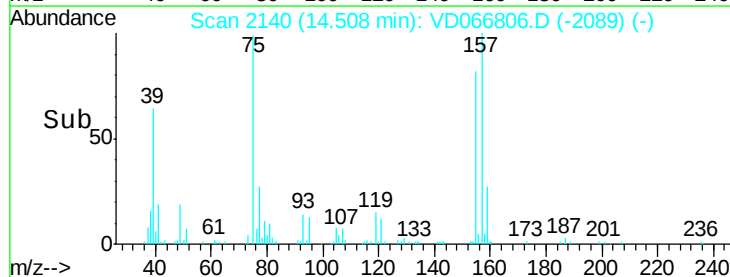
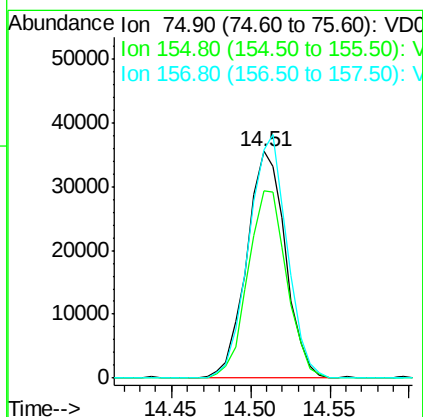
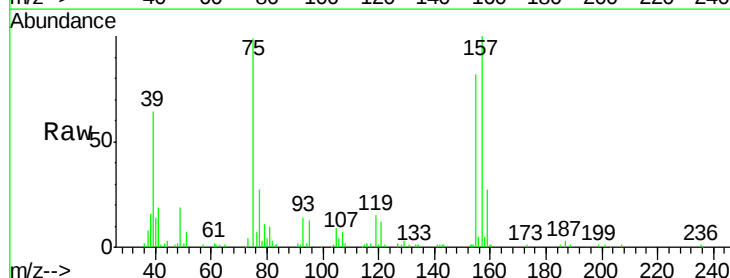
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

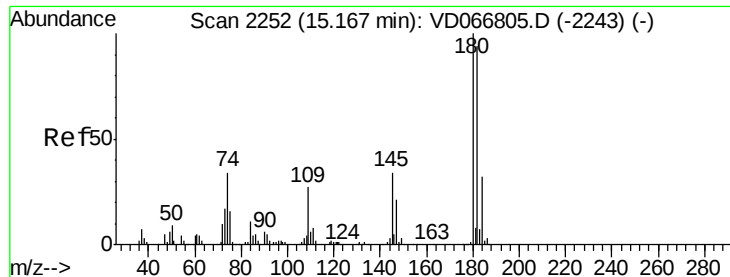
Tgt Ion: 146 Resp: 829501
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 62.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.174 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion: 75 Resp: 60354
 Ion Ratio Lower Upper
 75 100
 155 82.8 40.4 121.2
 157 106.3 51.3 153.9

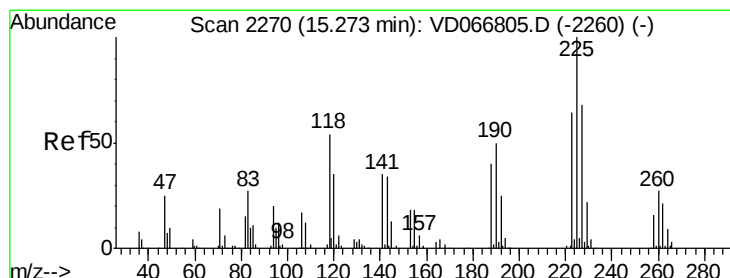
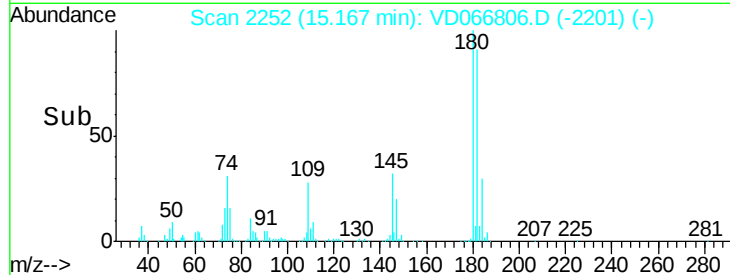
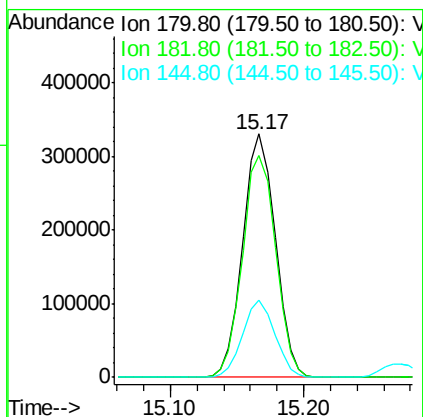
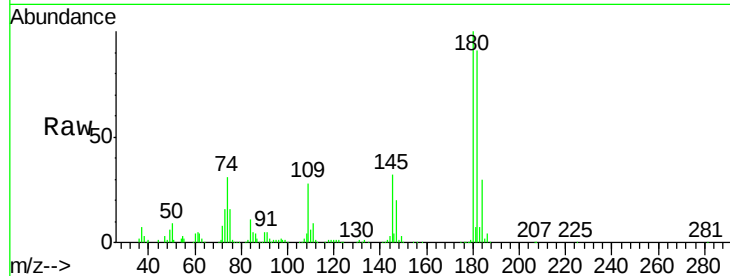




#93
 1,2,4-Trichlorobenzene
 Concen: 109.343 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

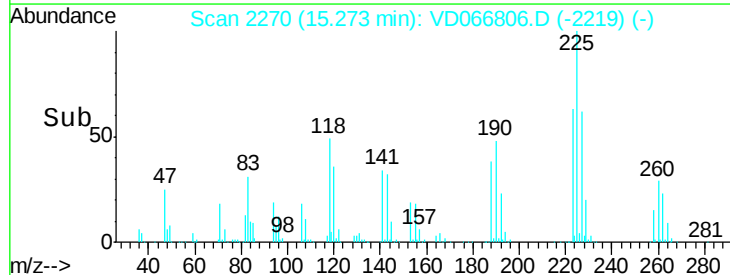
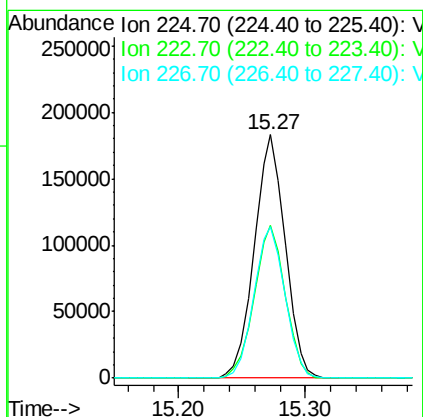
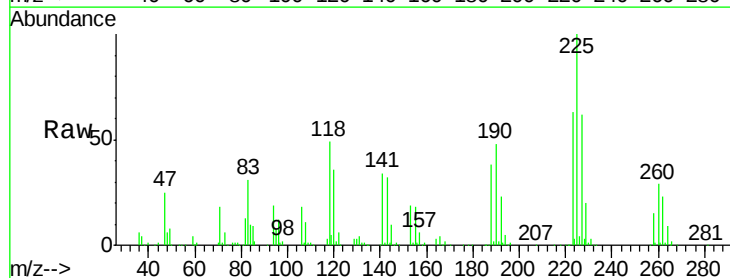
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

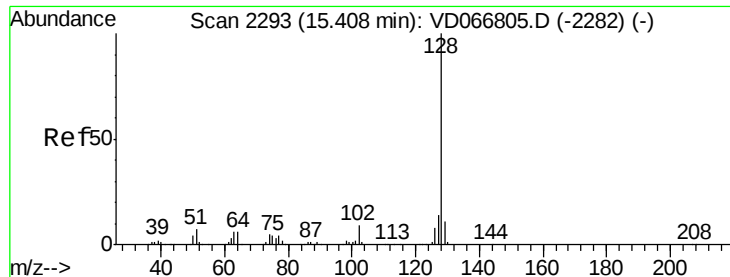
Tgt Ion:180 Resp: 558569
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.8 146.3
 145 31.5 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 100.816 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066806.D
 Acq: 22 Sep 2020 12:38

Tgt Ion:225 Resp: 310746
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.3
 227 62.4 31.7 95.1

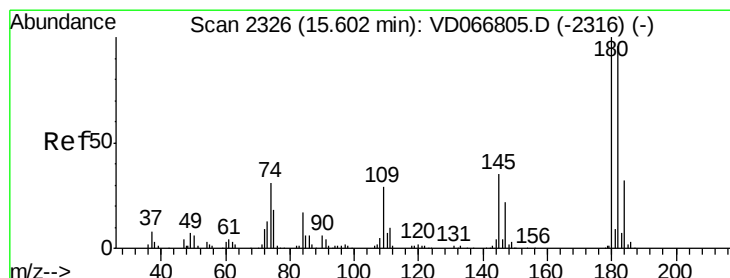
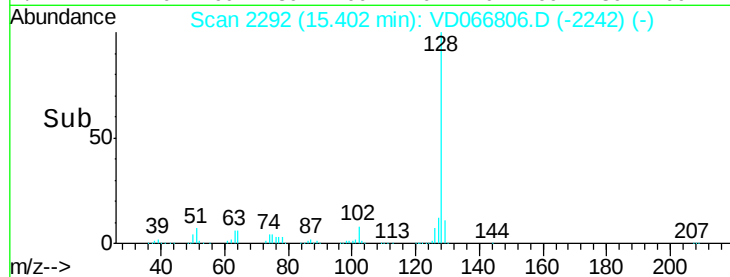
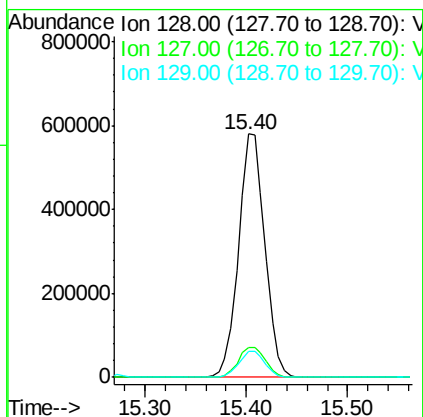
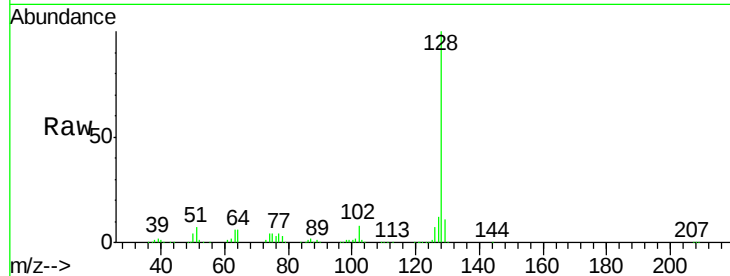




#95
Naphthalene
Concen: 115.459 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1039819
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 105.176 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066806.D
Acq: 22 Sep 2020 12:38

Tgt Ion:180 Resp: 473150
Ion Ratio Lower Upper
180 100
182 96.1 46.8 140.3
145 34.4 17.0 51.0

