

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066668.D
 Acq On : 14 Sep 2020 12:53
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:25:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	389118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	627023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	559825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	227059	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.91	113	213126	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.34	98	799369	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.63	95	268892	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78678	22.302	ug/l	95
3) Chloromethane	2.21	50	90658	18.423	ug/l	98
4) Vinyl Chloride	2.35	62	92336	16.918	ug/l	98
5) Bromomethane	2.76	94	65600	15.910	ug/l	92
6) Chloroethane	2.92	64	57200	16.500	ug/l	96
7) Trichlorofluoromethane	3.27	101	160575	19.915	ug/l	95
8) Diethyl Ether	3.71	74	37536	18.488	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	88520	20.286	ug/l	97
10) Methyl Iodide	4.30	142	78101	22.066	ug/l	96
11) Tert butyl alcohol	5.22	59	35639	92.394	ug/l #	84
12) 1,1-Dichloroethene	4.06	96	78956	20.140	ug/l	96
13) Acrolein	3.91	56	13863	72.015	ug/l	88
14) Allyl chloride	4.71	41	122676	19.093	ug/l	99
15) Acrylonitrile	5.42	53	84404	96.773	ug/l	99
16) Acetone	4.16	43	79329	91.577	ug/l	94
17) Carbon Disulfide	4.40	76	252274	19.574	ug/l	96
18) Methyl Acetate	4.71	43	39773	19.261	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	175465	19.086	ug/l	99
20) Methylene Chloride	4.96	84	106861	18.461	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	92643	19.900	ug/l	99
22) Diisopropyl ether	6.36	45	261790	19.814	ug/l	98
23) Vinyl Acetate	6.31	43	714894	95.080	ug/l	98
24) 1,1-Dichloroethane	6.26	63	164594	19.810	ug/l	99
25) 2-Butanone	7.21	43	106885	91.917	ug/l	96
26) 2,2-Dichloropropane	7.21	77	151108	19.827	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	100503	20.075	ug/l	97
28) Bromochloromethane	7.54	49	57600	18.007	ug/l	96
29) Tetrahydrofuran	7.56	42	67031	92.557	ug/l	99
30) Chloroform	7.71	83	173840	19.777	ug/l	96
31) Cyclohexane	7.98	56	151532	19.729	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	161839	19.583	ug/l	97
36) 1,1-Dichloropropene	8.11	75	129833	19.897	ug/l	99
37) Ethyl Acetate	7.29	43	52080	20.043	ug/l	100
38) Carbon Tetrachloride	8.09	117	142615	20.677	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066668.D
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 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:25:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	149431	20.508	ug/l	98
40) Benzene	8.35	78	361542	20.230	ug/l	99
41) Methacrylonitrile	7.55	41	67687	53.815	ug/l #	33
42) 1,2-Dichloroethane	8.42	62	112148	19.368	ug/l	99
43) Isopropyl Acetate	8.45	43	90669	18.208	ug/l	97
44) Trichloroethene	9.11	130	98580	21.029	ug/l	98
45) 1,2-Dichloropropane	9.38	63	89740	19.967	ug/l	93
46) Dibromomethane	9.47	93	48784	19.674	ug/l	98
47) Bromodichloromethane	9.66	83	135296	20.168	ug/l	97
48) Methyl methacrylate	9.45	41	44281	17.586	ug/l	92
49) 1,4-Dioxane	9.46	88	10994	404.144	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	236896	94.331	ug/l	100
52) Toluene	10.40	92	231493	20.463	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	118619	20.030	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	141220	19.857	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	66605	20.891	ug/l	97
56) Ethyl methacrylate	10.66	69	72119	19.428	ug/l	98
57) 1,3-Dichloropropane	10.94	76	111699	20.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	189077	111.360	ug/l	98
59) 2-Hexanone	10.98	43	161057	95.367	ug/l	98
60) Dibromochloromethane	11.14	129	86426	20.500	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60912	19.638	ug/l	98
64) Tetrachloroethene	10.87	164	83039	22.030	ug/l	87
65) Chlorobenzene	11.67	112	236190	20.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	90992	20.634	ug/l	98
67) Ethyl Benzene	11.74	91	433662	20.440	ug/l	99
68) m/p-Xylenes	11.86	106	326120	41.398	ug/l	96
69) o-Xylene	12.18	106	148381	21.018	ug/l	99
70) Styrene	12.20	104	259635	21.154	ug/l	99
71) Bromoform	12.36	173	44123	19.854	ug/l #	99
73) Isopropylbenzene	12.48	105	409654	21.148	ug/l	99
74) N-amyl acetate	12.29	43	84178	19.187	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	67907	19.844	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	92021	36.572	ug/l #	100
77) Bromobenzene	12.76	156	92291	21.371	ug/l	97
78) n-propylbenzene	12.82	91	493546	21.018	ug/l	99
79) 2-Chlorotoluene	12.91	91	279649	21.228	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	349037	21.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	21384	19.842	ug/l	97
82) 4-Chlorotoluene	13.01	91	298192	21.168	ug/l	100
83) tert-Butylbenzene	13.23	119	284909	21.400	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	348015	21.440	ug/l	97
85) sec-Butylbenzene	13.40	105	405816	21.157	ug/l	100
86) p-Isopropyltoluene	13.52	119	369405	21.397	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	180547	21.059	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	176484	20.509	ug/l	98
89) n-Butylbenzene	13.84	91	347902	20.679	ug/l	100
90) Hexachloroethane	14.11	117	76522	20.571	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	154855	20.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10644	18.310	ug/l	93

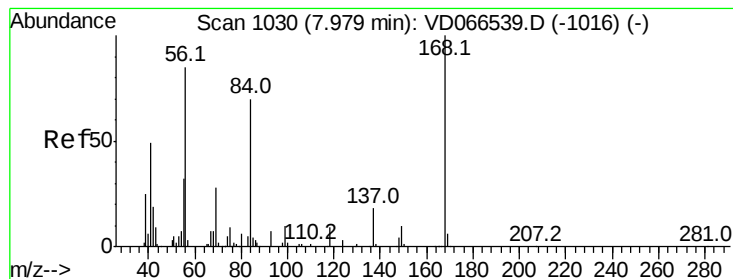
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066668.D
Acq On : 14 Sep 2020 12:53
Operator : VA/SY
Sample : VD0914SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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ClientSampleId :

Quant Time: Sep 15 01:25:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	93010	20.681	ug/l	99
94) Hexachlorobutadiene	15.27	225	56923	21.068	ug/l	97
95) Naphthalene	15.40	128	160211	20.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81597	21.281	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

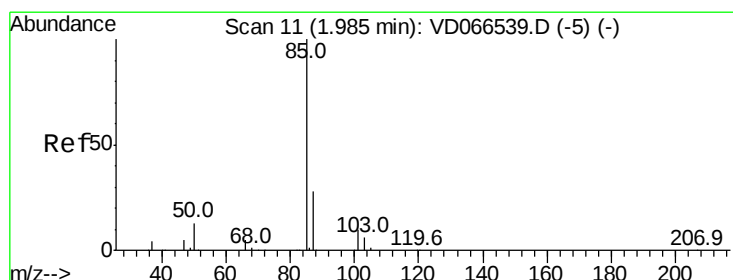
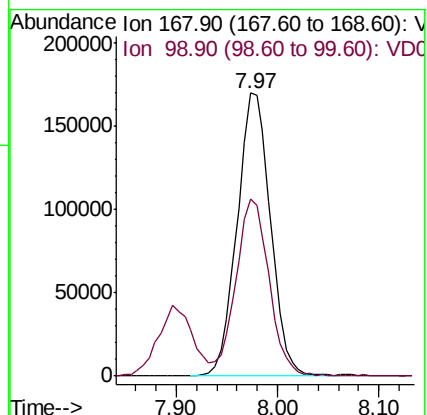
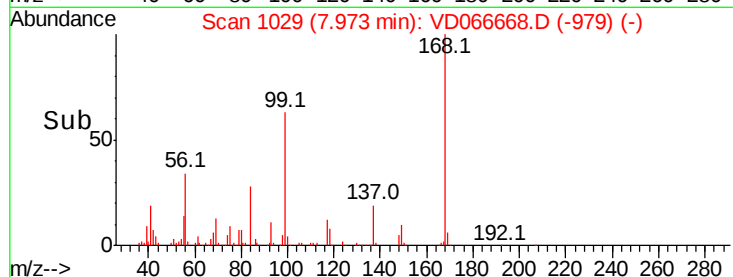
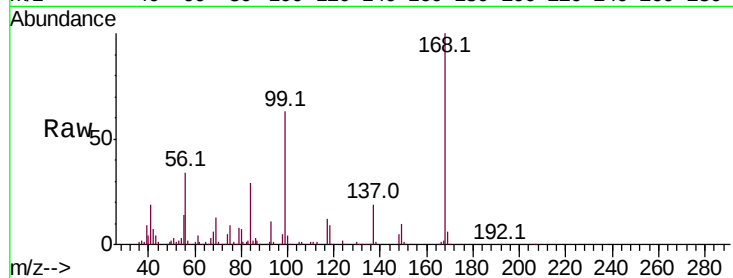
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 389118

Ion Ratio Lower Upper

168 100

99 62.5 50.5 75.7



#2

Dichlorodifluoromethane

Concen: 22.302 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066668.D

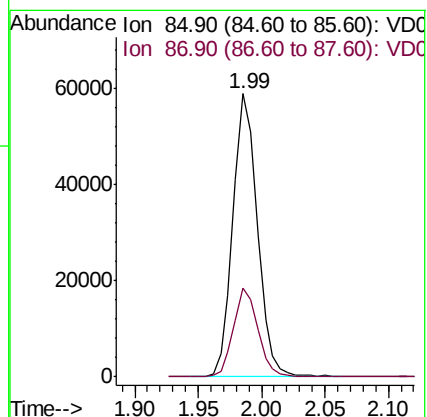
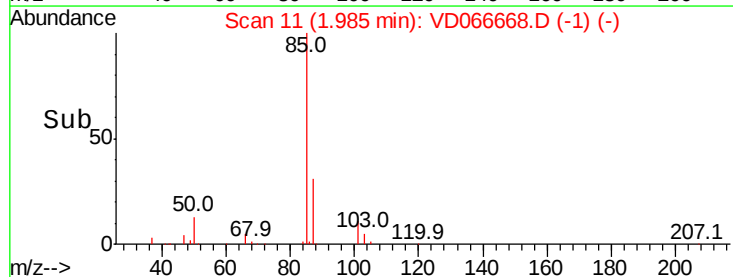
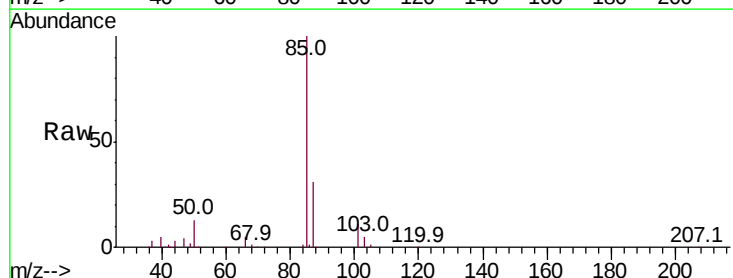
Acq: 14 Sep 2020 12:53

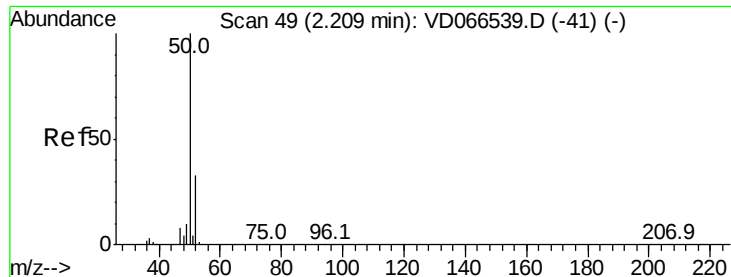
Tgt Ion: 85 Resp: 78678

Ion Ratio Lower Upper

85 100

87 31.3 14.2 42.6





#3

Chloromethane

Concen: 18.423 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

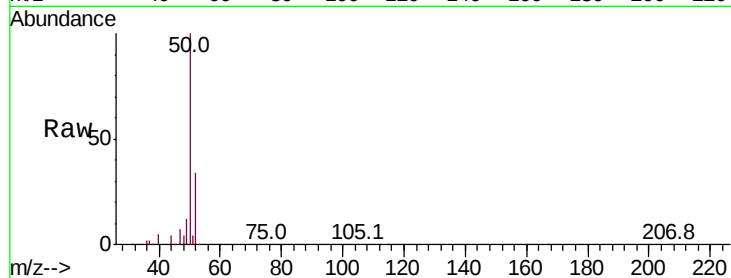
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 90658

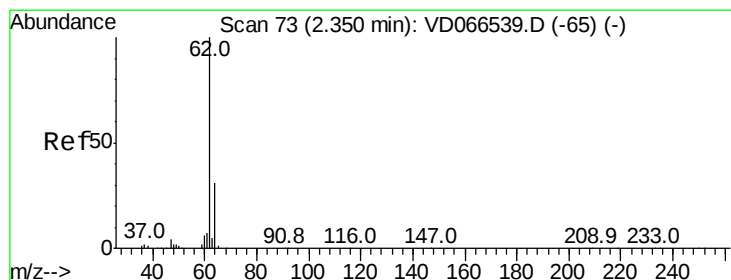
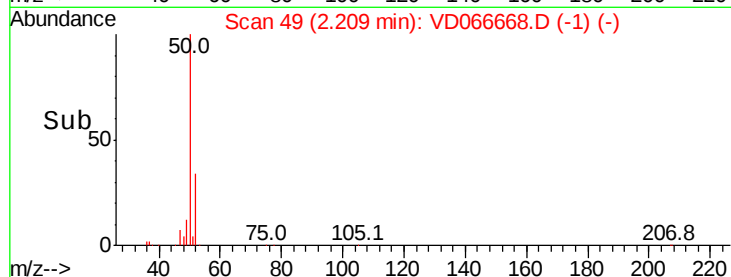
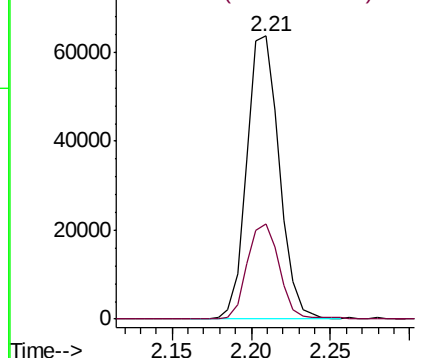
Ion Ratio Lower Upper

50 100

52 33.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 16.918 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066668.D

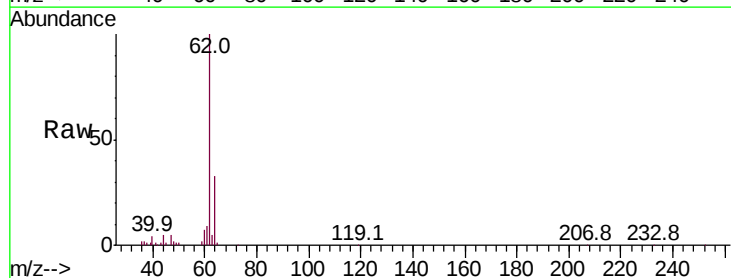
Acq: 14 Sep 2020 12:53

Tgt Ion: 62 Resp: 92336

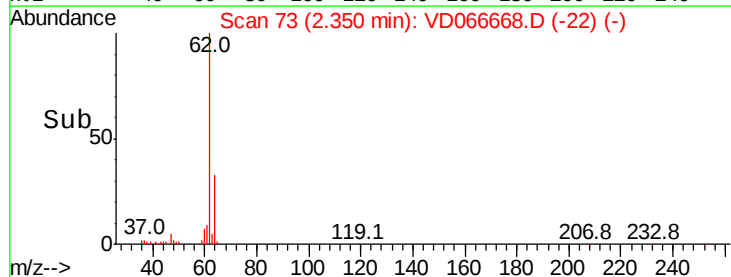
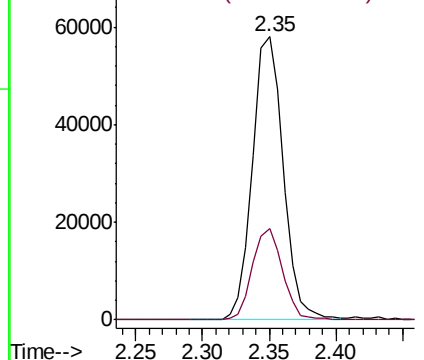
Ion Ratio Lower Upper

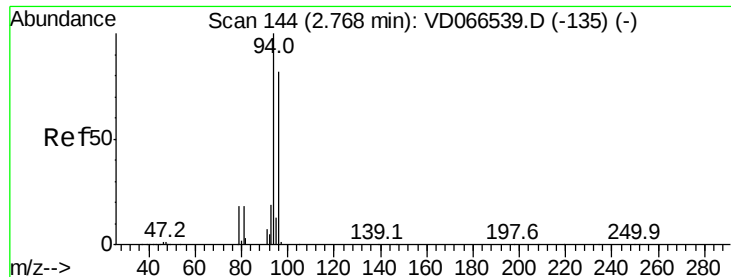
62 100

64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 15.910 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

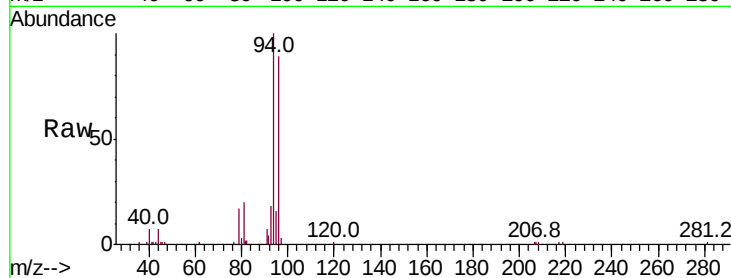
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 94 Resp: 65600

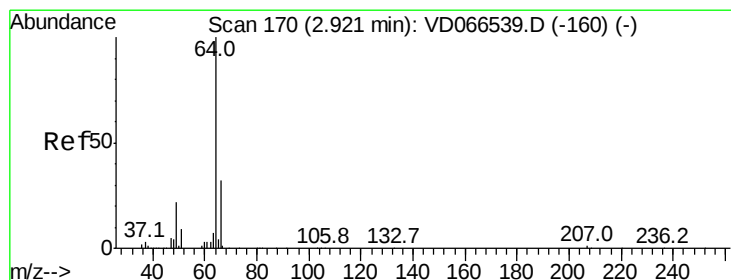
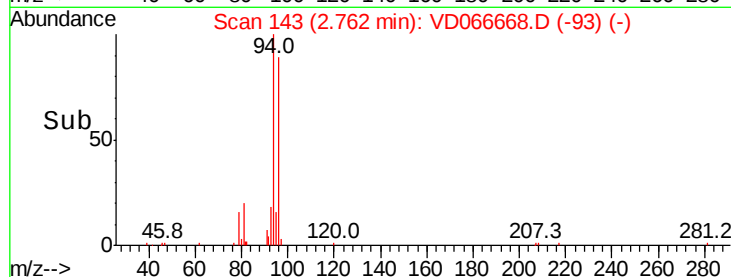
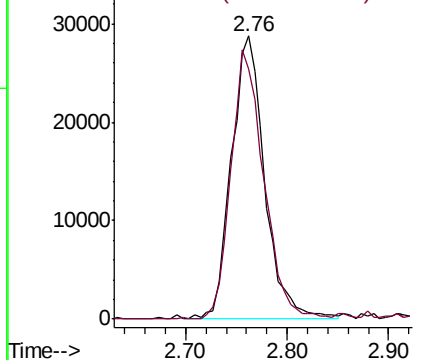
Ion Ratio Lower Upper

94 100

96 88.5 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 16.500 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066668.D

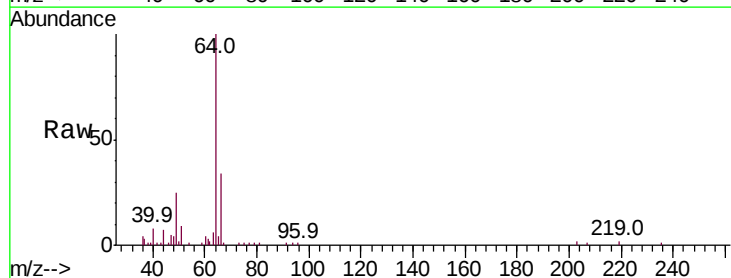
Acq: 14 Sep 2020 12:53

Tgt Ion: 64 Resp: 57200

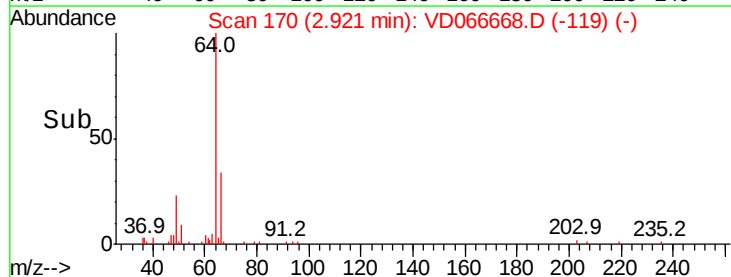
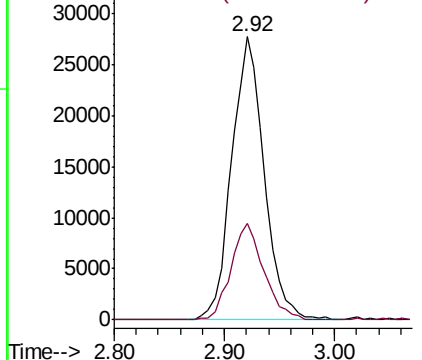
Ion Ratio Lower Upper

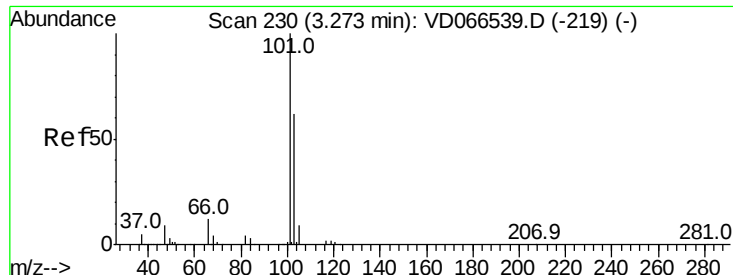
64 100

66 34.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



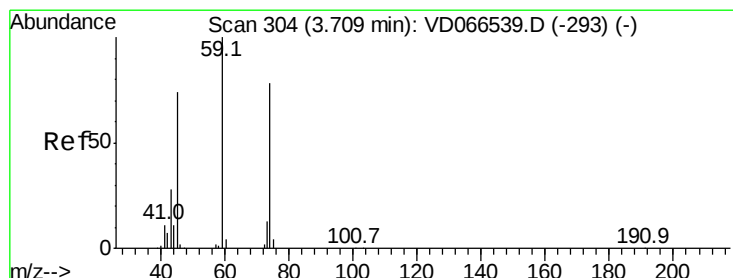
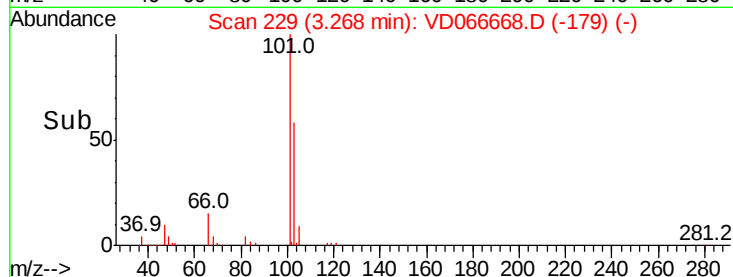
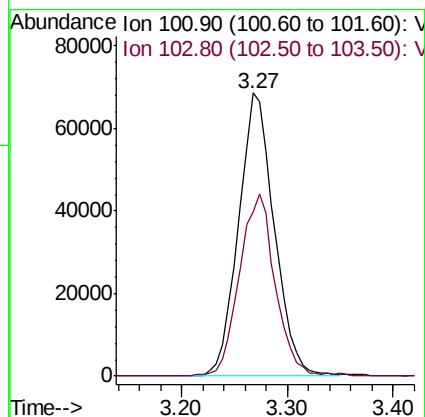
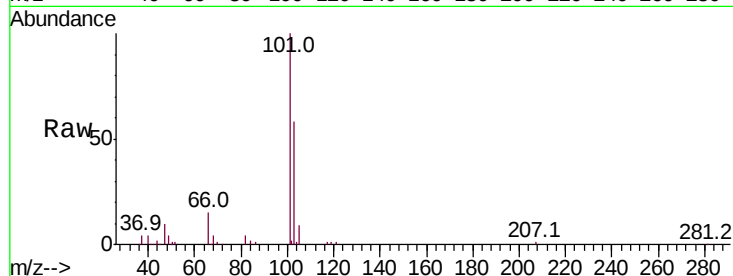


#7

Trichlorofluoromethane
 Concen: 19.915 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :

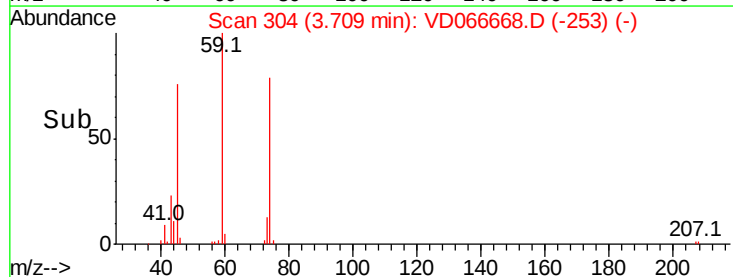
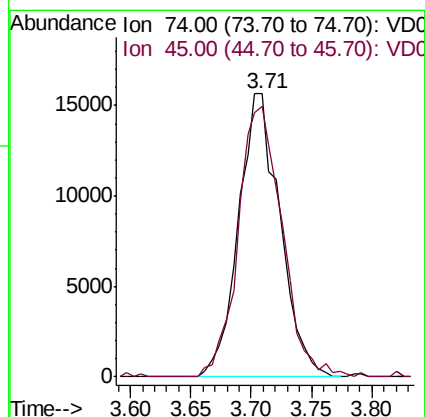
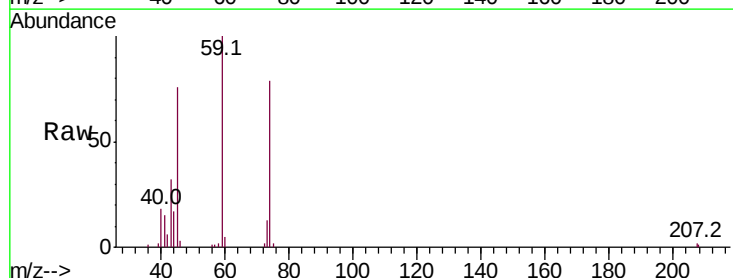
Tot Ion:101 Resp: 160575
 Ion Ratio Lower Upper
 101 100
 103 58.2 49.7 74.5

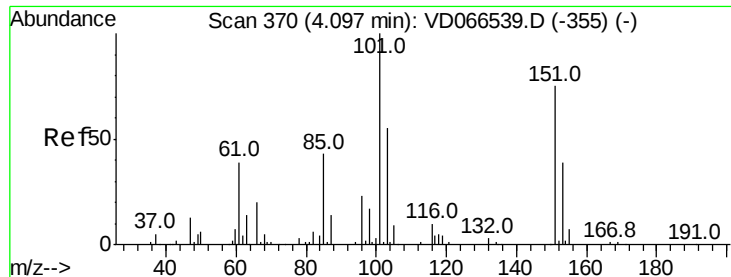


#8

Diethyl Ether
 Concen: 18.488 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion: 74 Resp: 37536
 Ion Ratio Lower Upper
 74 100
 45 101.0 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.286 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampled :

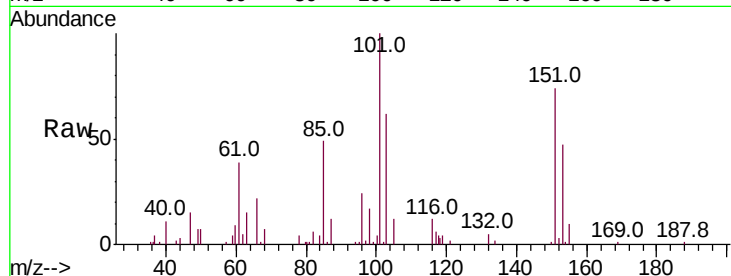
Tot Ion:101 Resp: 88520

Ion Ratio Lower Upper

101 100

85 44.3 37.0 55.6

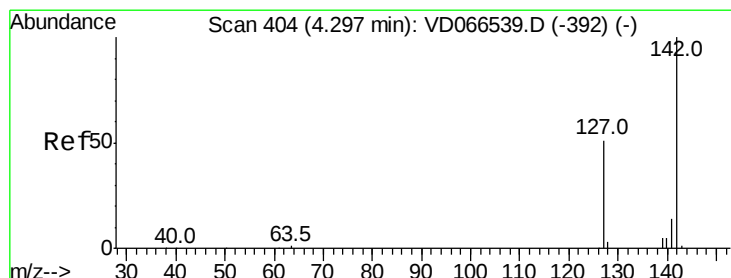
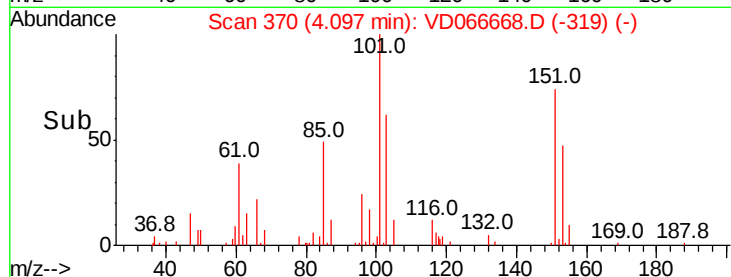
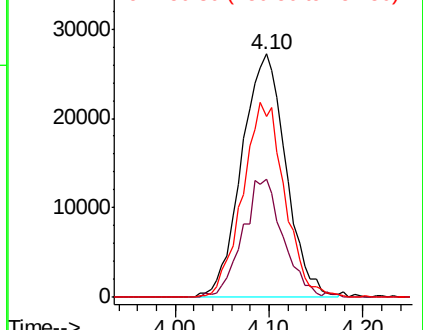
151 76.3 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.066 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

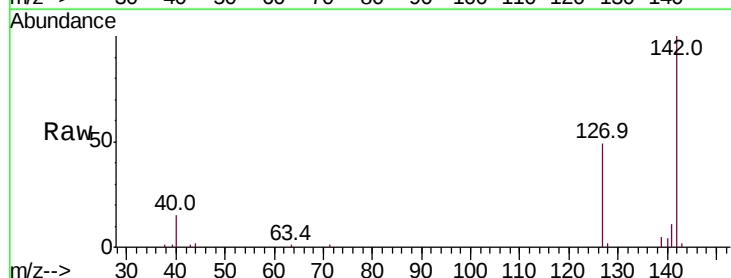
Tgt Ion:142 Resp: 78101

Ion Ratio Lower Upper

142 100

127 48.2 40.6 61.0

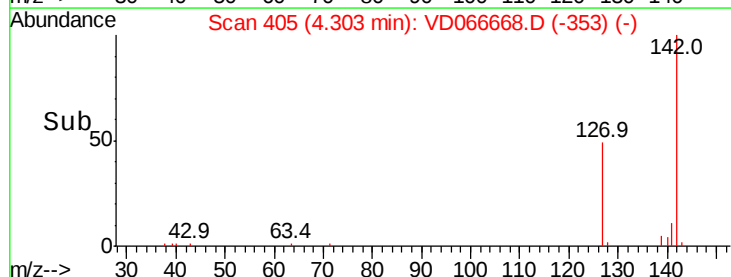
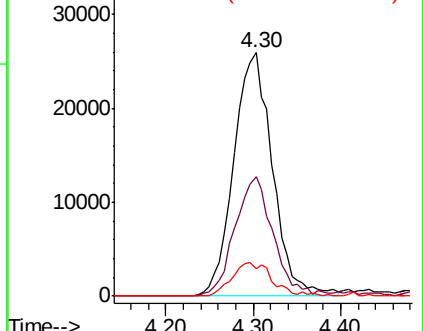
141 13.8 12.2 18.4

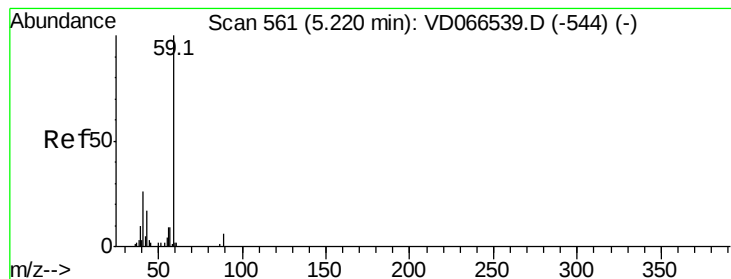


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



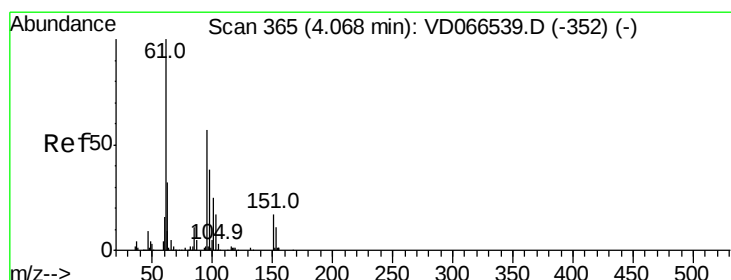
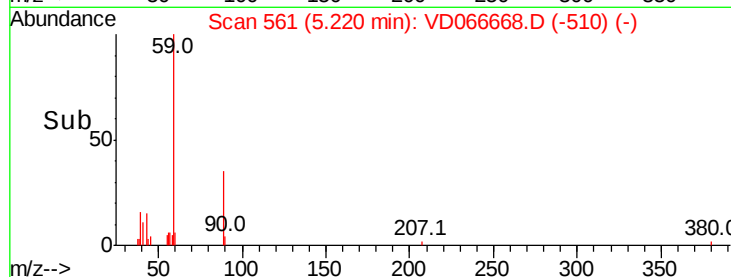
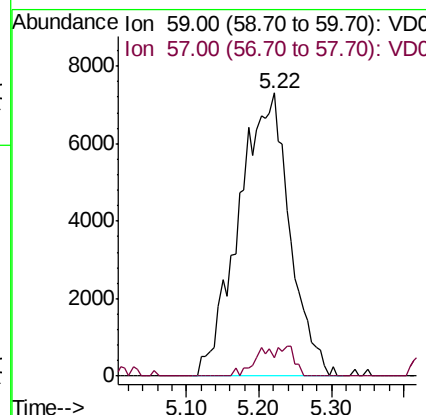
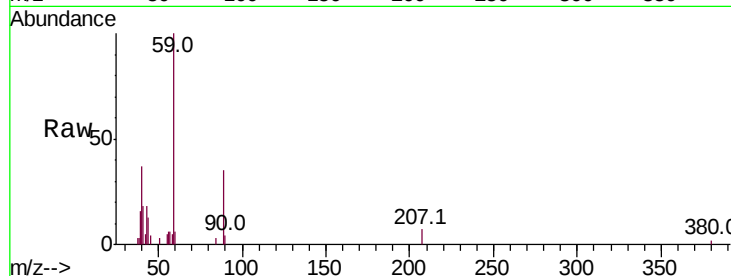


#11

Tert butyl alcohol
 Concen: 92.394 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :

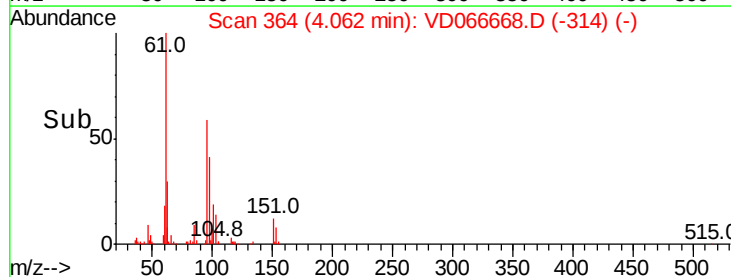
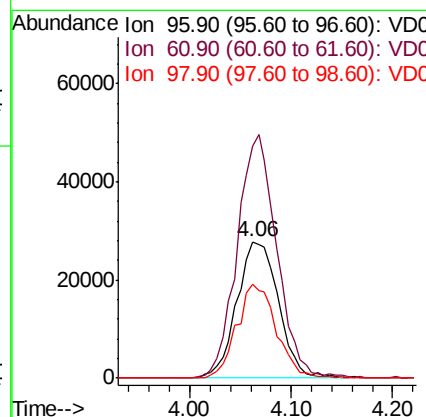
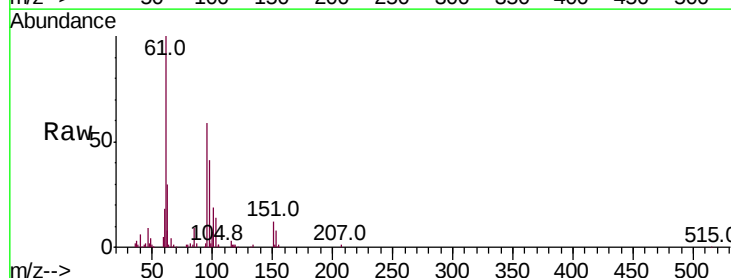
Tot Ion: 59 Resp: 35639
 Ion Ratio Lower Upper
 59 100
 57 3.5 7.6 11.4#

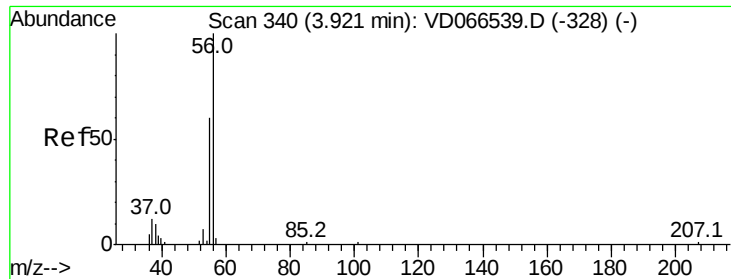


#12

1,1-Dichloroethene
 Concen: 20.140 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion: 96 Resp: 78956
 Ion Ratio Lower Upper
 96 100
 61 169.8 140.9 211.3
 98 69.1 53.2 79.8





#13

Acrolein

Concen: 72.015 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

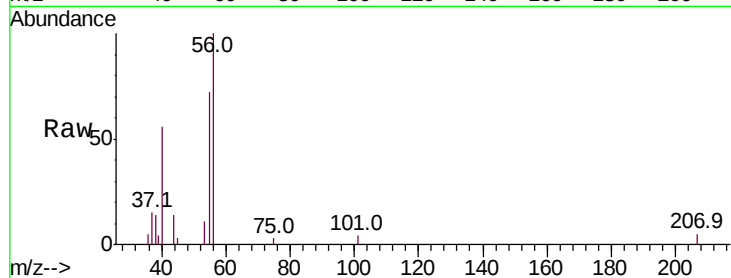
ClientSampleId :

Tot Ion: 56 Resp: 13863

Ion Ratio Lower Upper

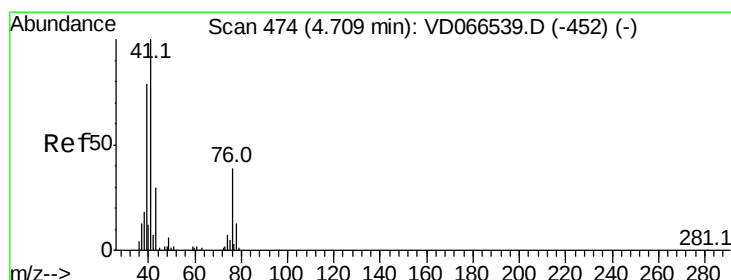
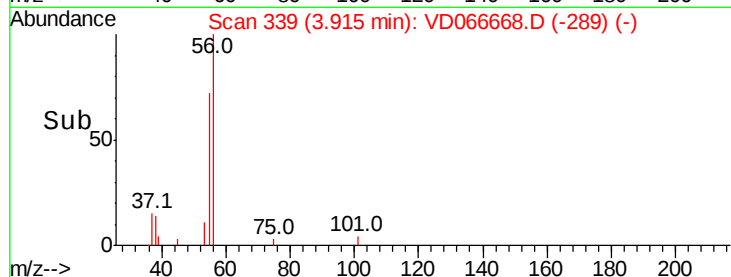
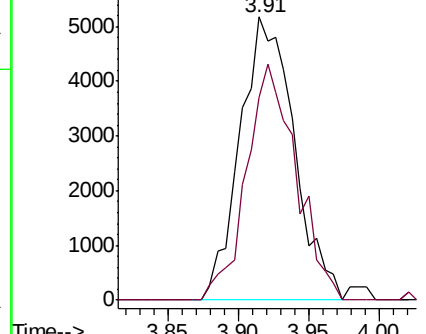
56 100

55 76.6 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.093 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

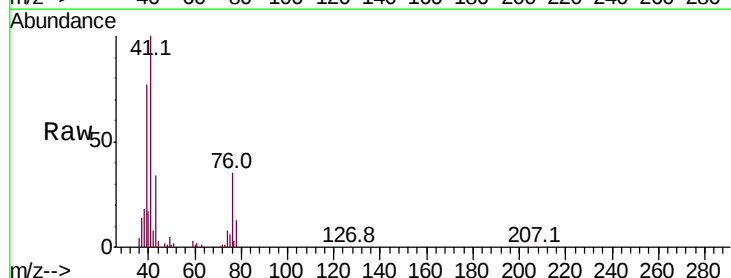
Tgt Ion: 41 Resp: 122676

Ion Ratio Lower Upper

41 100

39 76.5 61.9 92.9

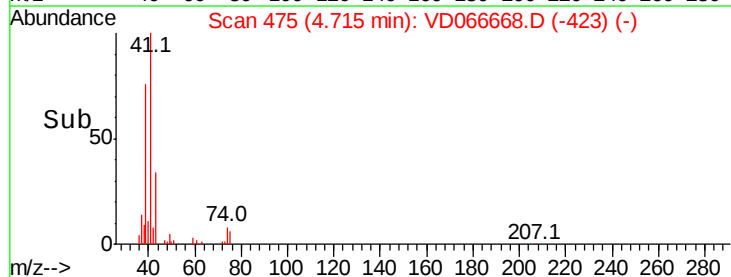
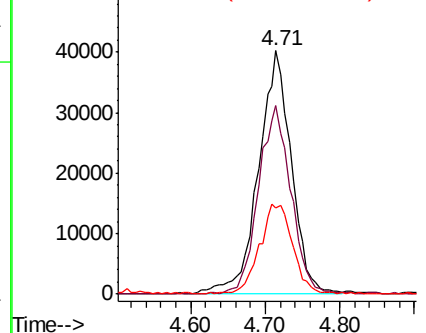
76 37.1 29.0 43.6

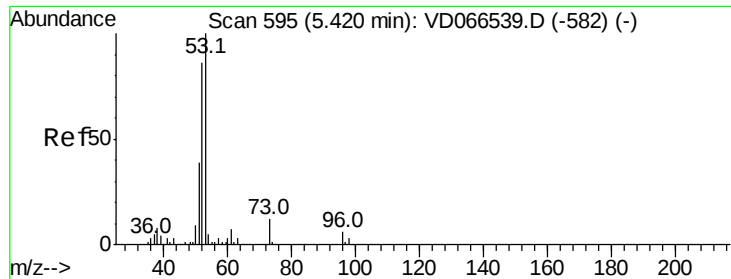


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 96.773 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

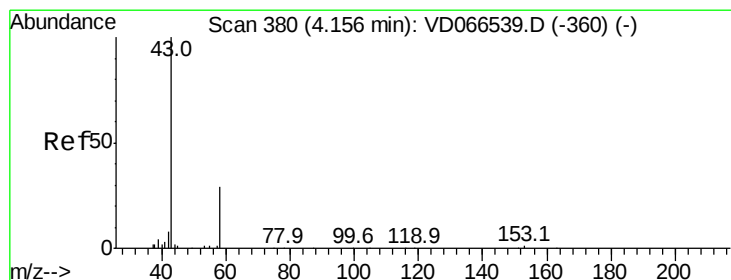
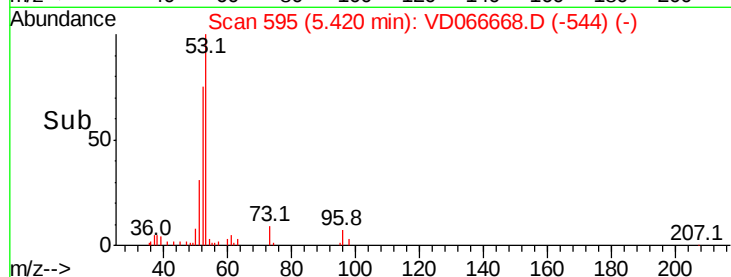
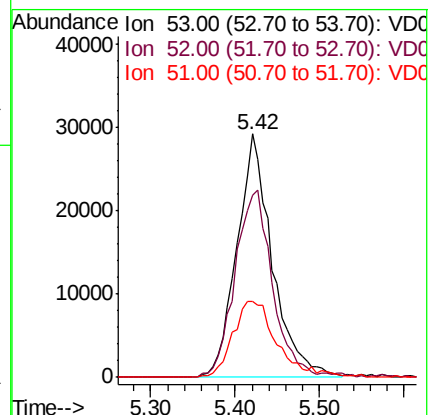
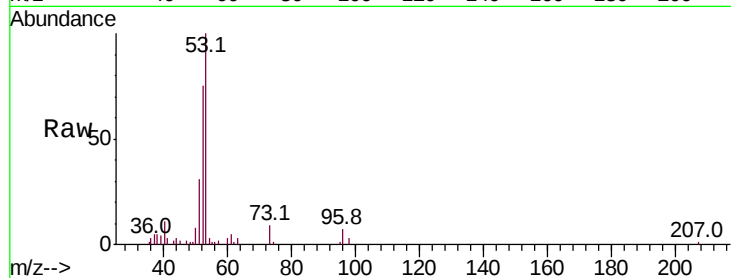
Tot Ion: 53 Resp: 84404

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.2

51 36.7 31.2 46.8



#16

Acetone

Concen: 91.577 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066668.D

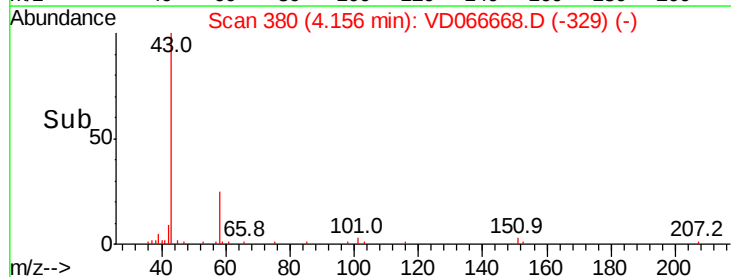
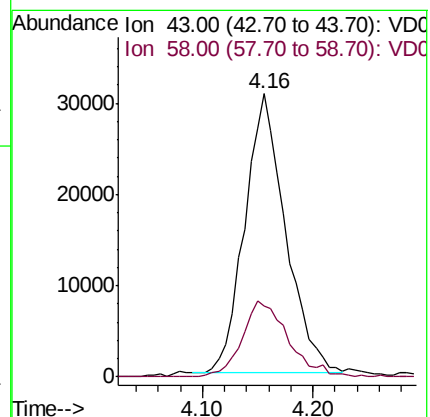
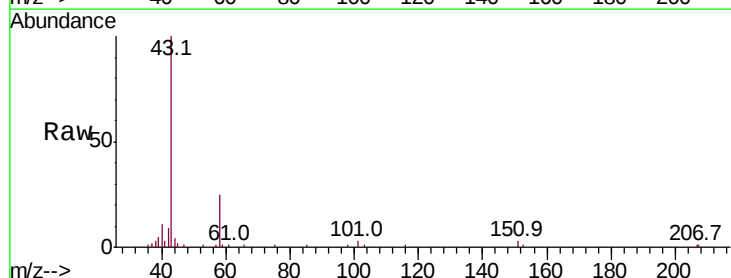
Acq: 14 Sep 2020 12:53

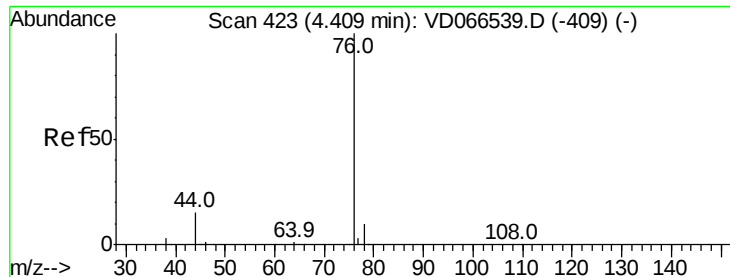
Tgt Ion: 43 Resp: 79329

Ion Ratio Lower Upper

43 100

58 25.2 22.9 34.3

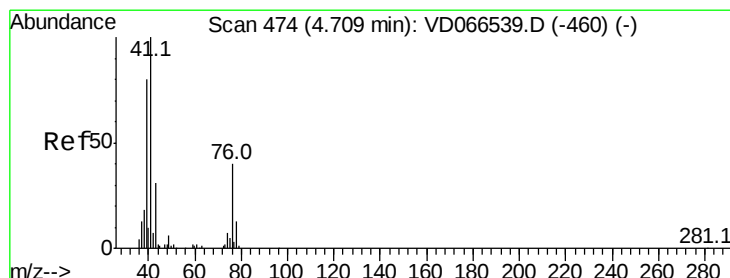
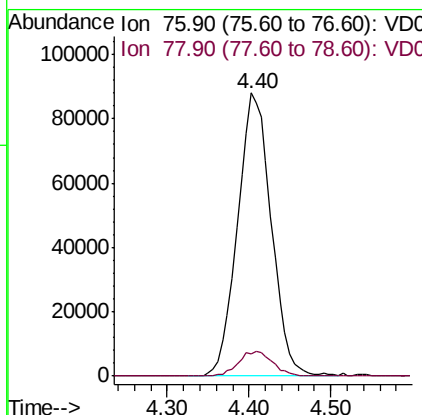
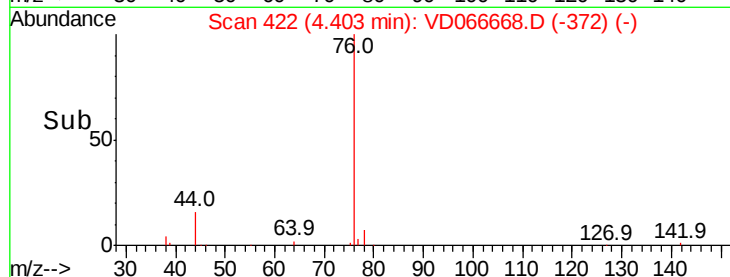
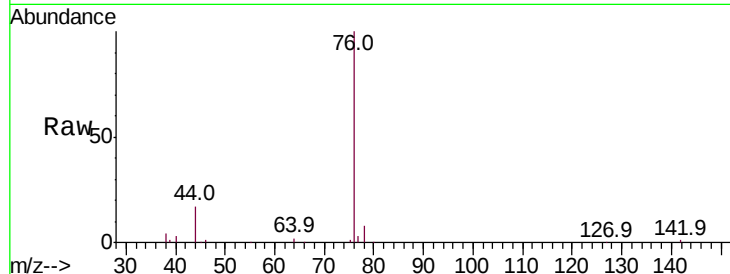




#17
Carbon Disulfide
Concen: 19.574 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

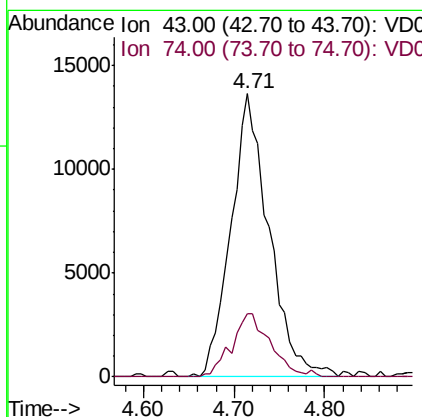
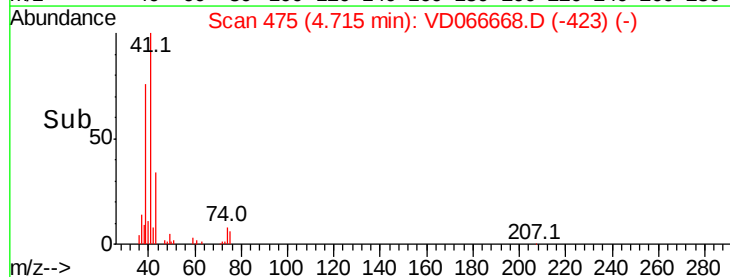
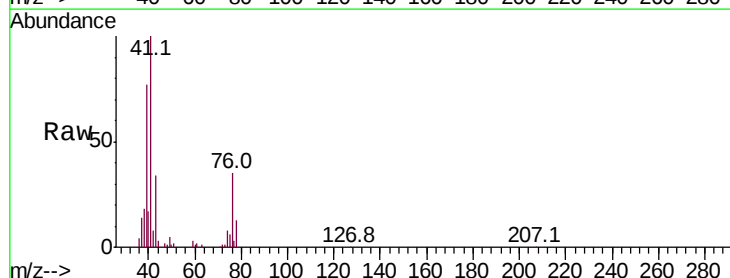
Instrument :
MSVOA_D
ClientSampleId :

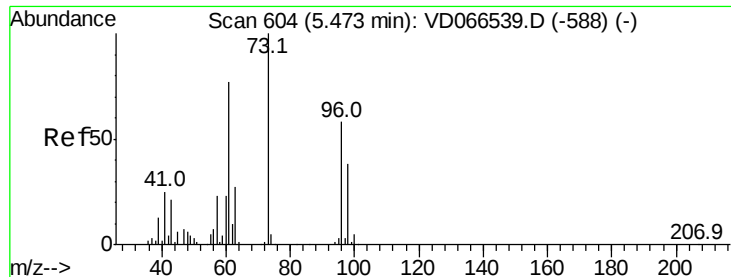
Tot Ion: 76 Resp: 252274
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4



#18
Methyl Acetate
Concen: 19.261 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 43 Resp: 39773
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0

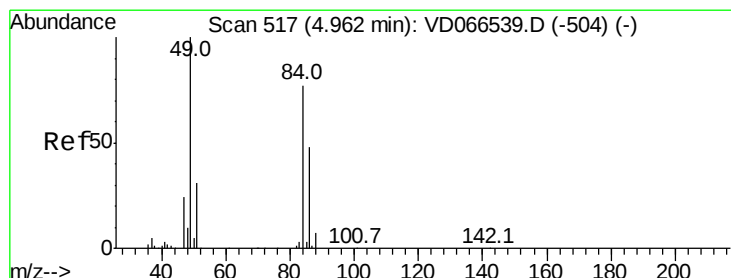
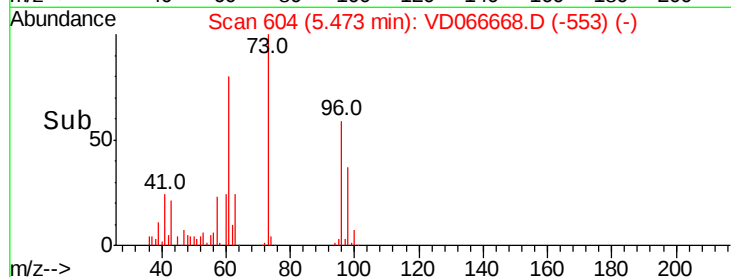
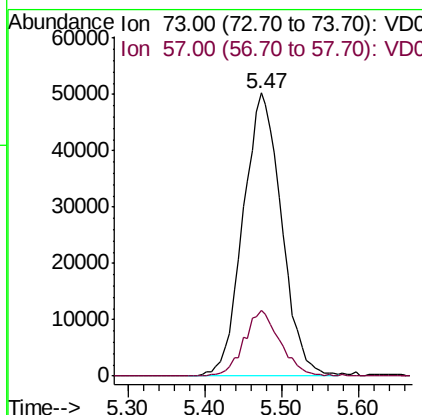
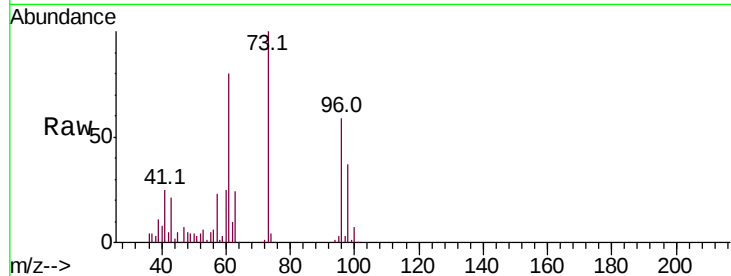




#19
Methvl tert-butvl Ether
Concen: 19.086 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

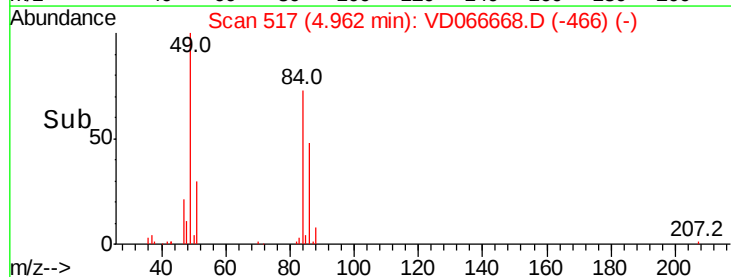
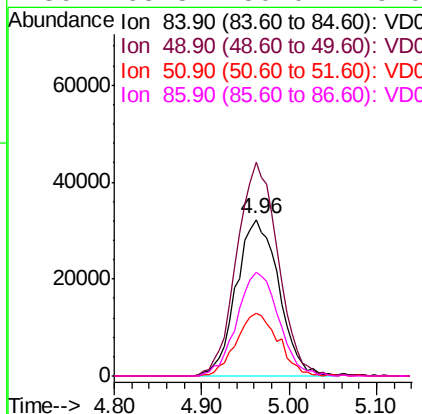
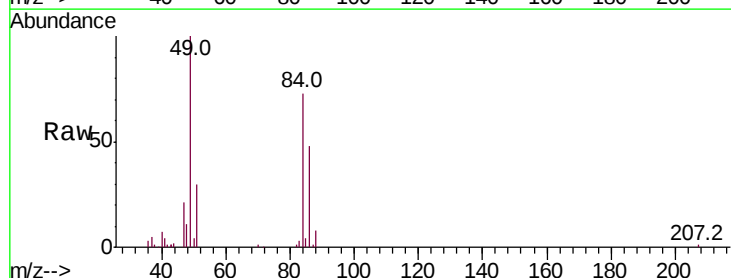
Instrument :
MSVOA_D
ClientSampled :

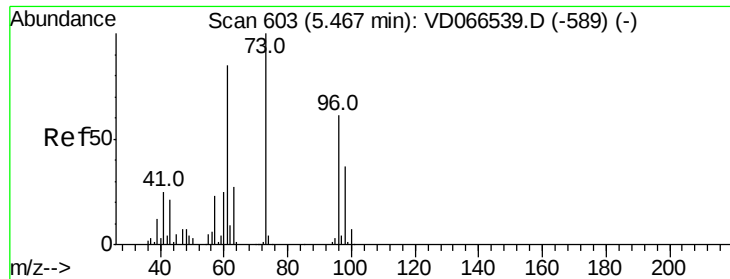
Tot Ion: 73 Resp: 175465
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5



#20
Methylene Chloride
Concen: 18.461 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 84 Resp: 106861
Ion Ratio Lower Upper
84 100
49 136.2 104.3 156.5
51 40.3 32.2 48.4
86 65.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.900 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

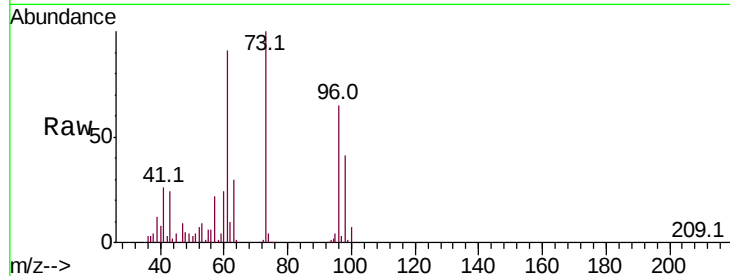
Tot Ion: 96 Resp: 92643

Ion Ratio Lower Upper

96 100

61 140.2 112.1 168.1

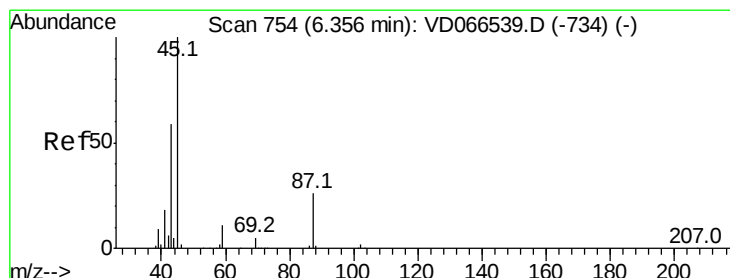
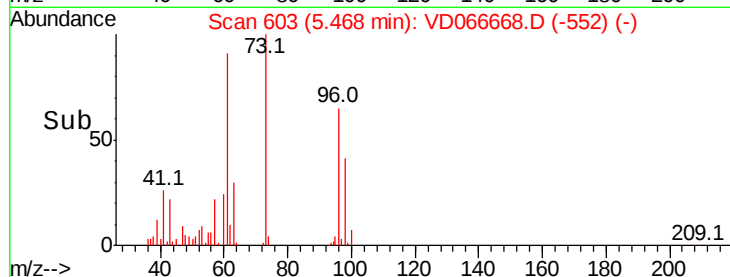
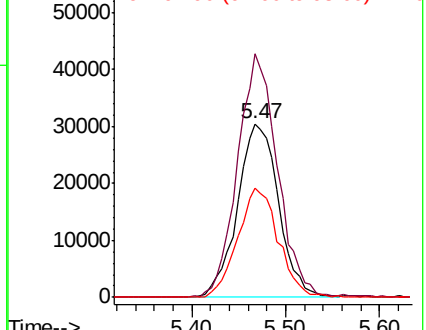
98 62.5 48.6 72.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 19.814 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion: 45 Resp: 261790

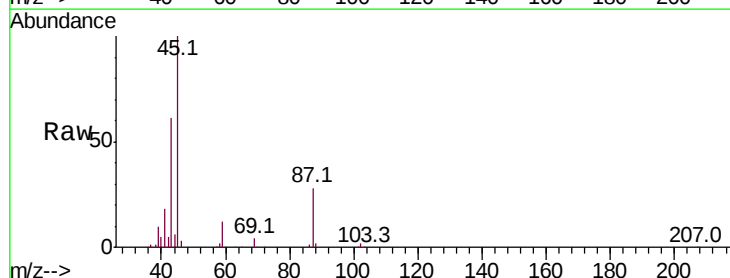
Ion Ratio Lower Upper

45 100

43 60.2 47.0 70.4

87 27.6 21.3 31.9

59 11.6 8.7 13.1

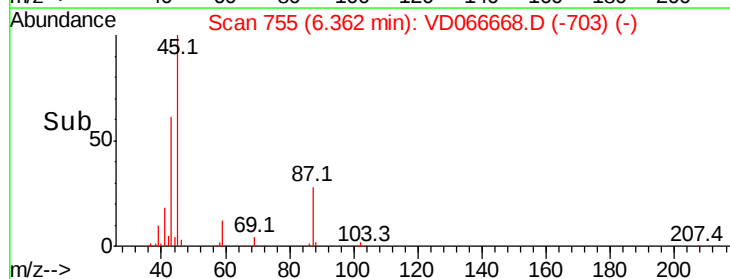
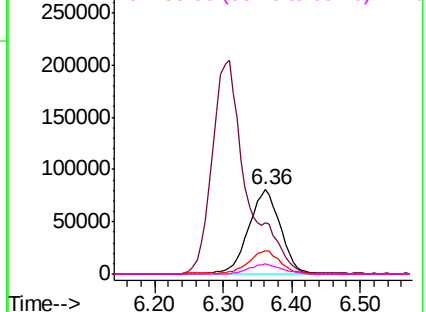


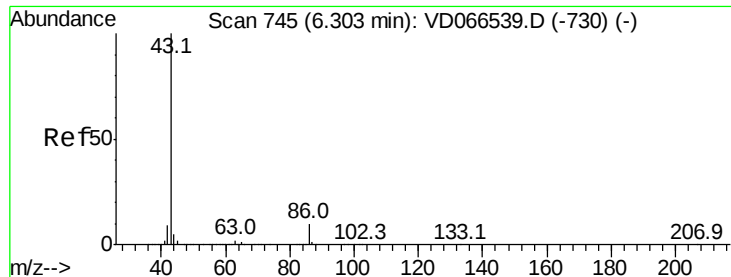
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 95.080 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

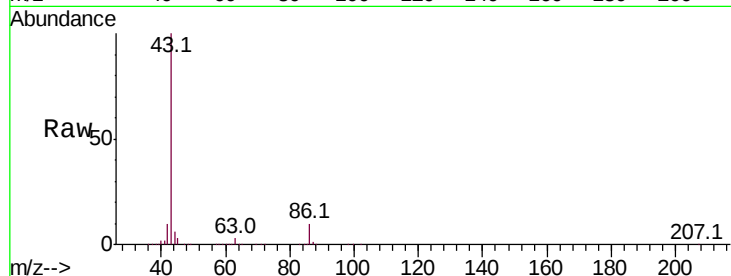
ClientSampleId :

Tot Ion: 43 Resp: 714894

Ion Ratio Lower Upper

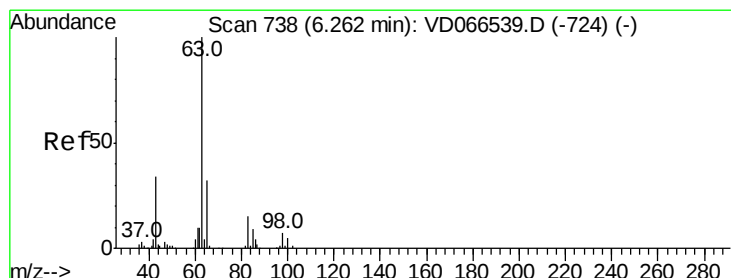
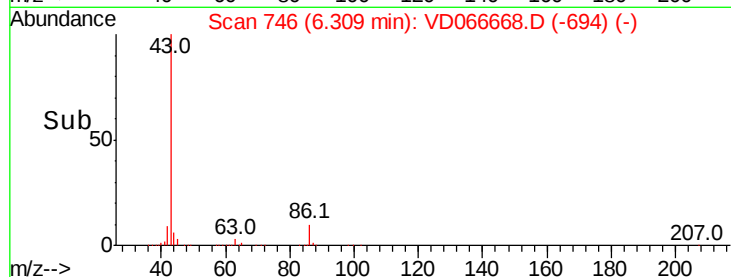
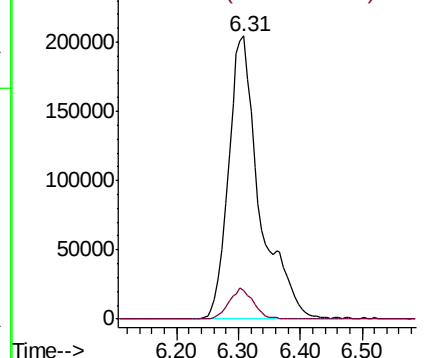
43 100

86 10.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.810 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

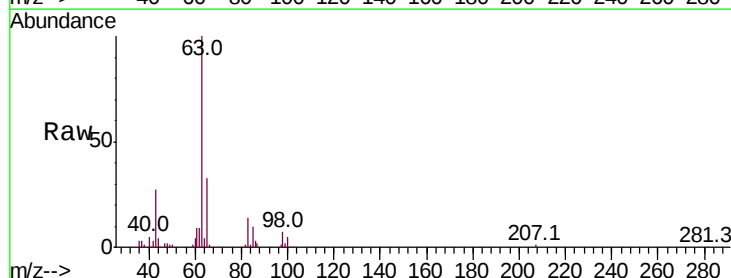
Tgt Ion: 63 Resp: 164594

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

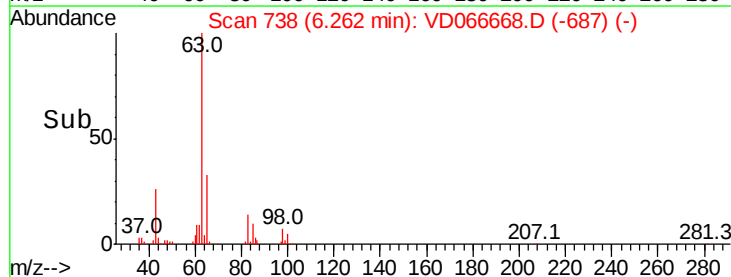
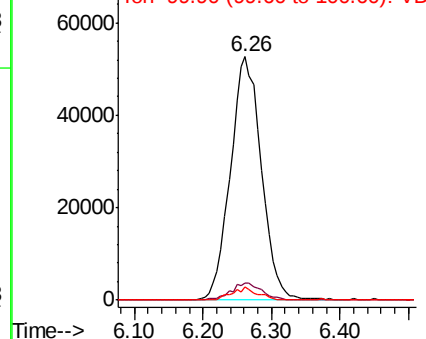
100 5.2 2.5 7.4

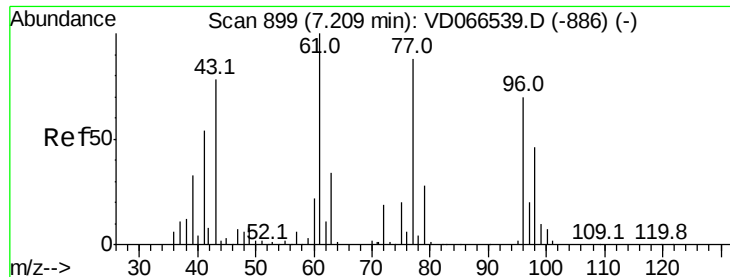


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 91.917 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

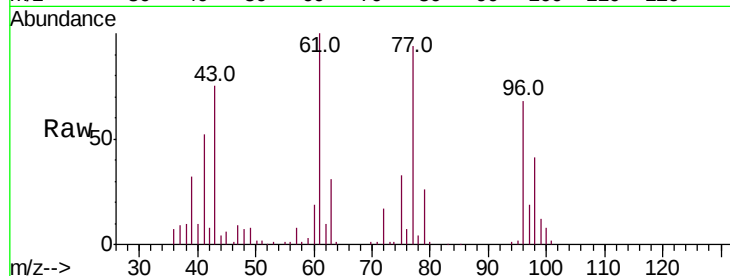
ClientSampled :

Tot Ion: 43 Resp: 106885

Ion Ratio Lower Upper

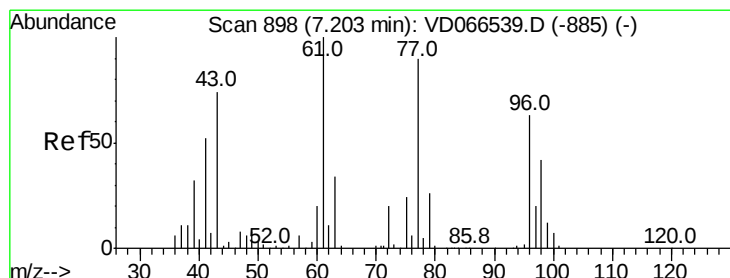
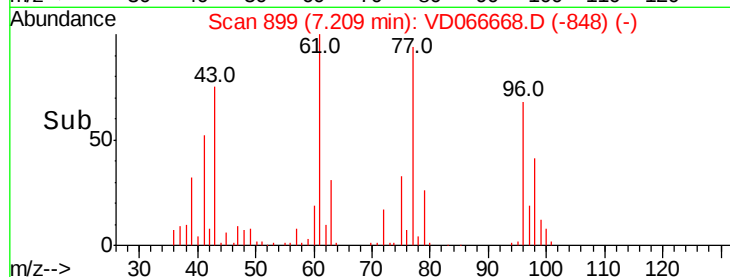
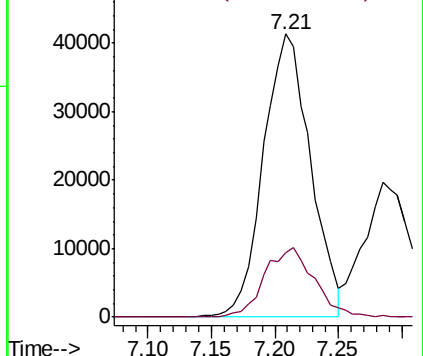
43 100

72 22.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.827 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066668.D

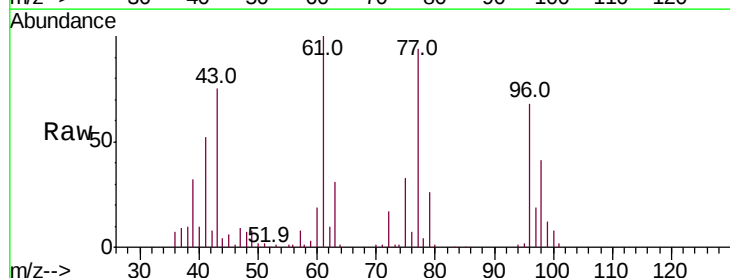
Acq: 14 Sep 2020 12:53

Tgt Ion: 77 Resp: 151108

Ion Ratio Lower Upper

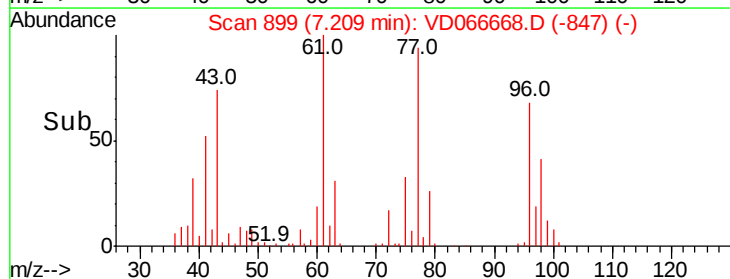
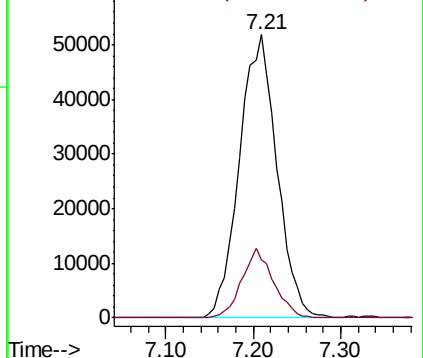
77 100

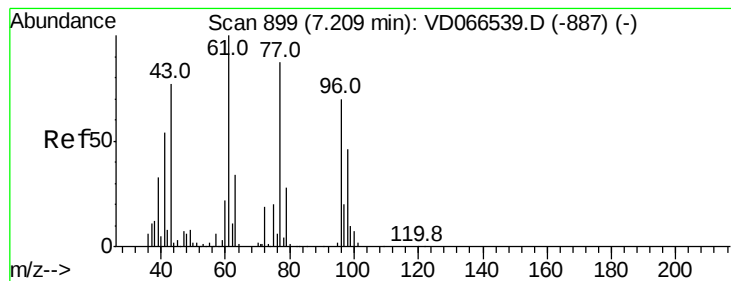
97 20.7 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



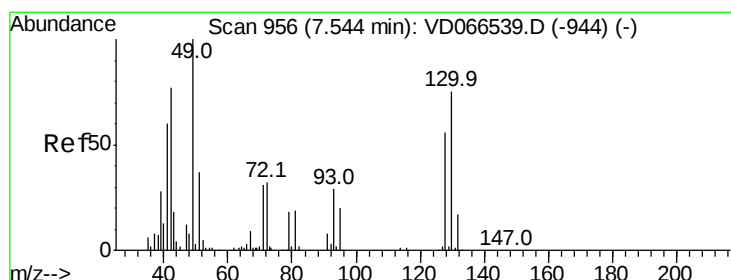
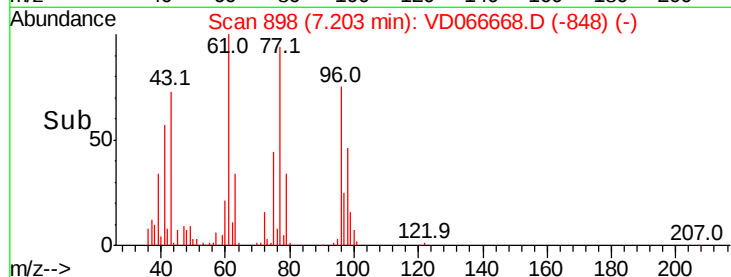
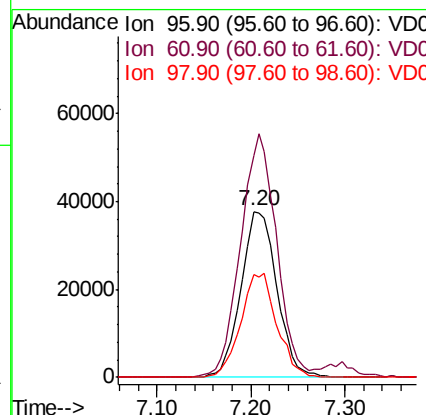
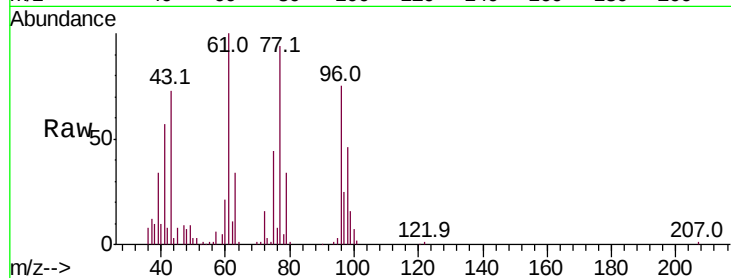


#27

cis-1,2-Dichloroethene
 Concen: 20.075 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :

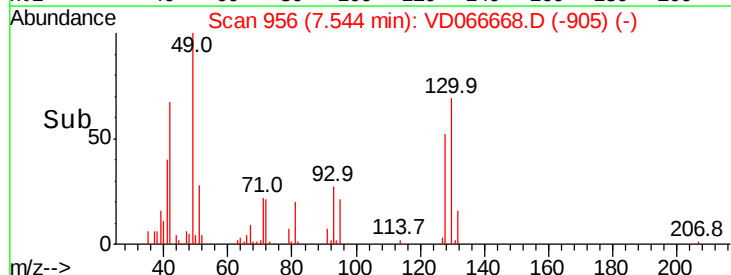
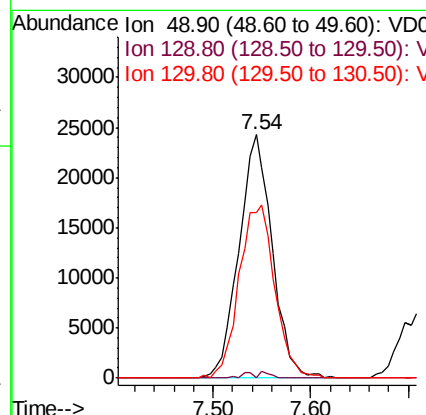
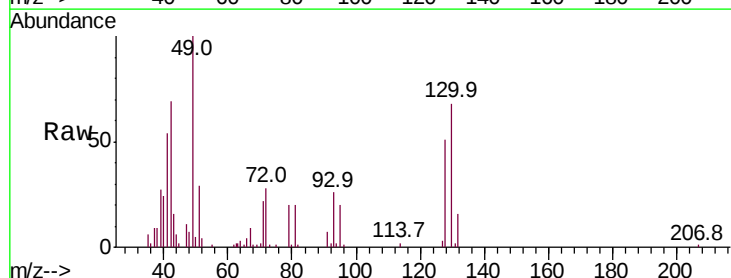
Tot Ion	96	Resp	100503
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	301.0
98	62.5	0.0	129.8

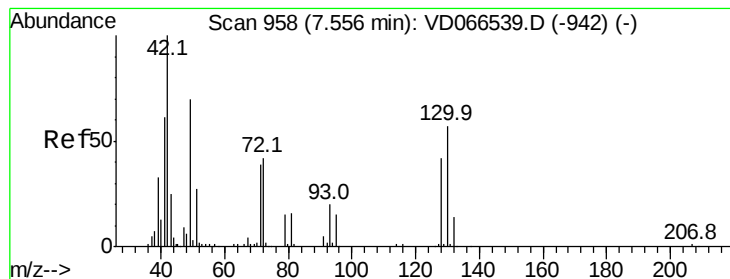


#28

Bromochloromethane
 Concen: 18.007 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	49	Resp	57600
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.6
130	76.2	58.2	87.2





#29

Tetrahydrofuran

Concen: 92.557 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

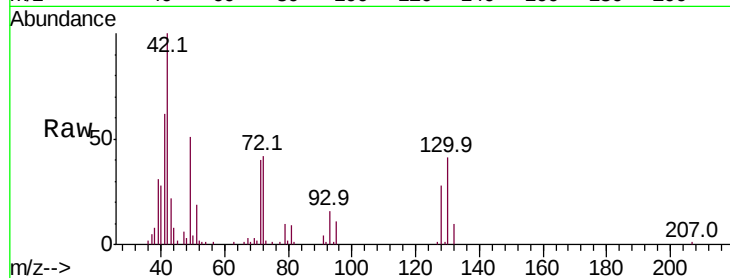
Tot Ion: 42 Resp: 67031

Ion Ratio Lower Upper

42 100

72 41.1 33.4 50.0

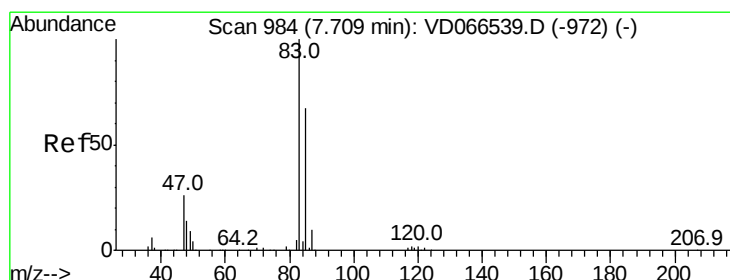
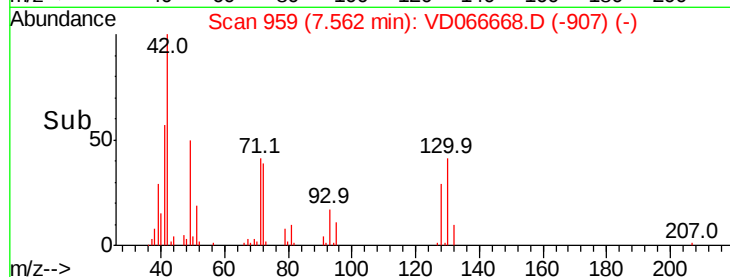
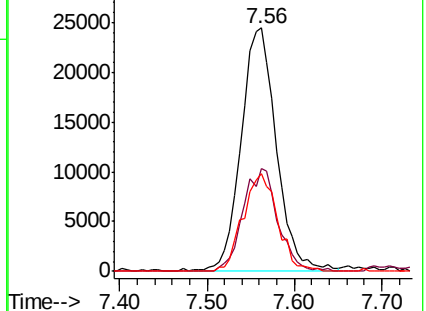
71 39.1 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.777 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066668.D

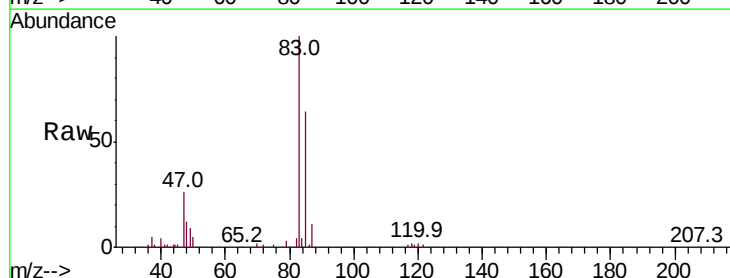
Acq: 14 Sep 2020 12:53

Tgt Ion: 83 Resp: 173840

Ion Ratio Lower Upper

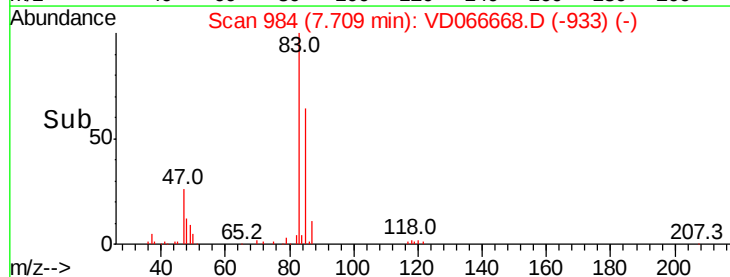
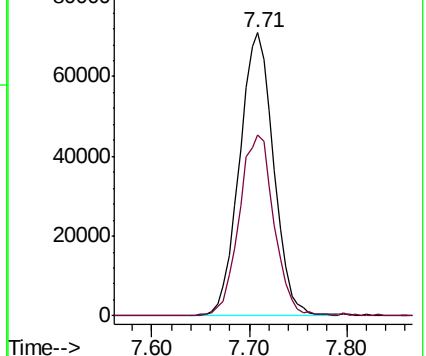
83 100

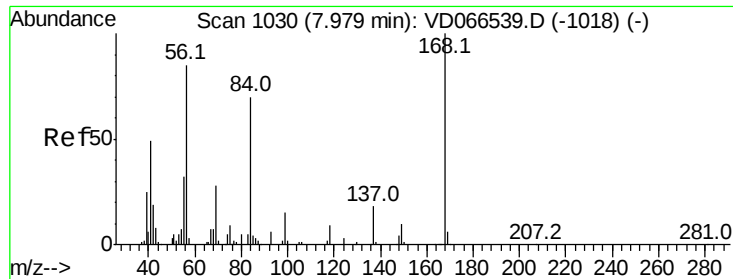
85 63.8 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 19.729 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

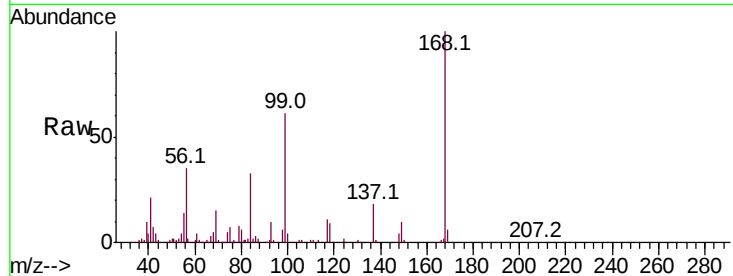
Tot Ion: 56 Resp: 151532

Ion Ratio Lower Upper

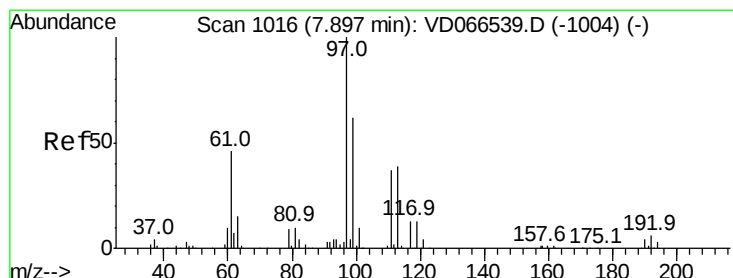
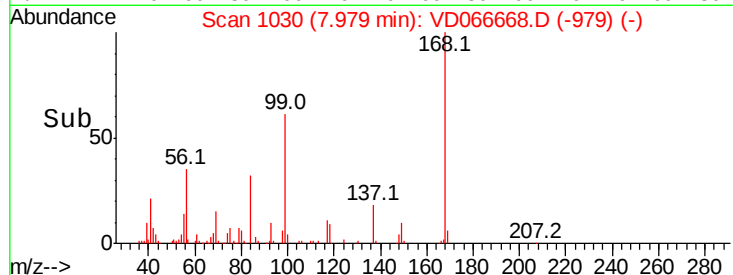
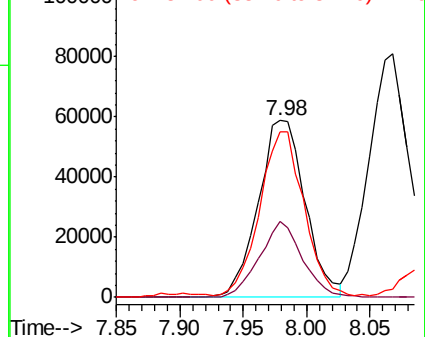
56 100

69 43.0 26.3 39.5#

84 92.0 66.1 99.1



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: 19.583 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

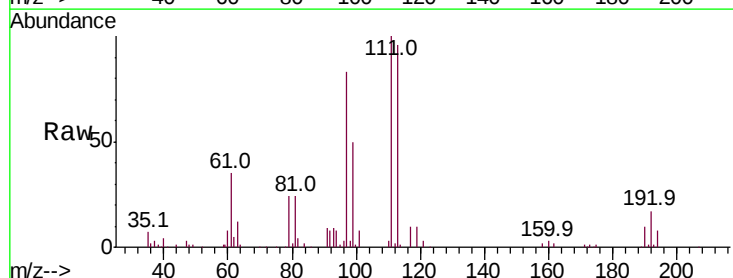
Tgt Ion: 97 Resp: 161839

Ion Ratio Lower Upper

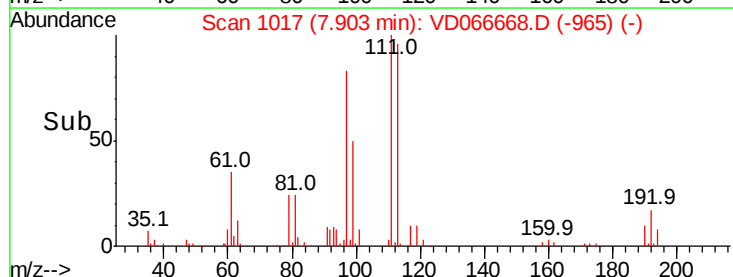
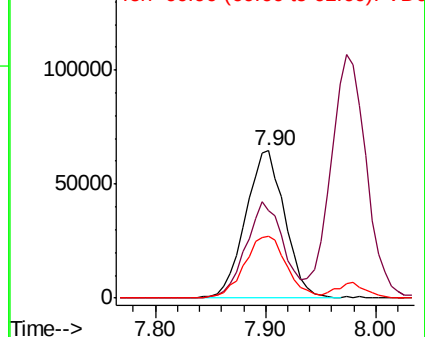
97 100

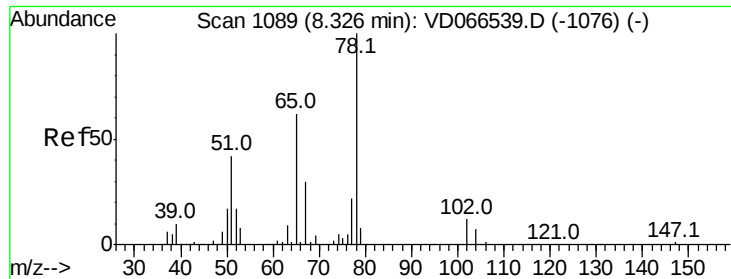
99 62.1 51.4 77.0

61 44.9 37.4 56.0



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: 48.229 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

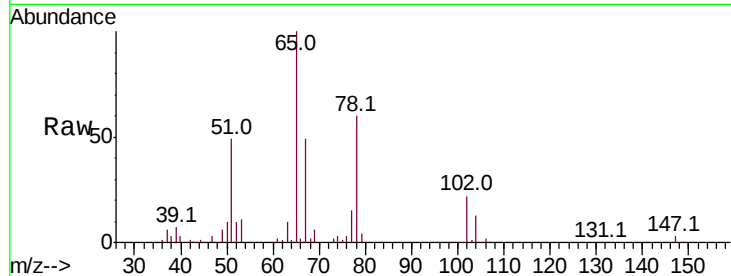
ClientSampled :

Tot Ion: 65 Resp: 227059

Ion Ratio Lower Upper

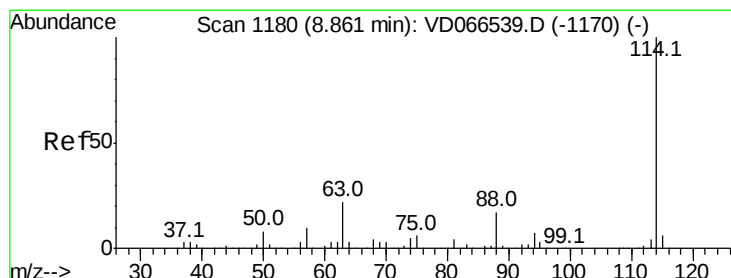
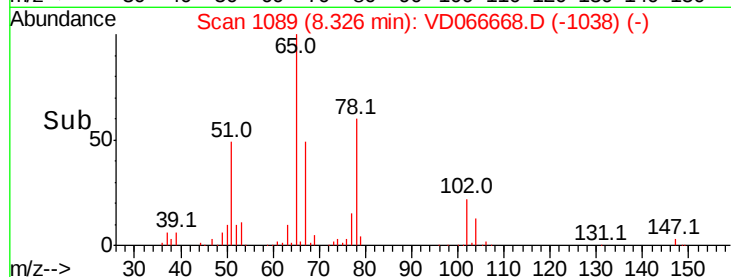
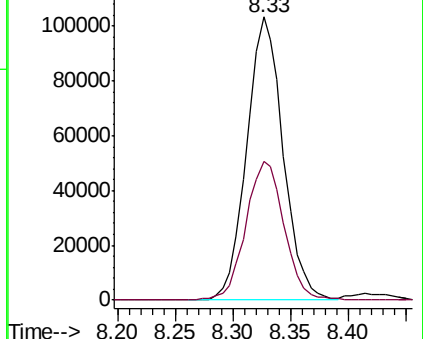
65 100

67 51.7 0.0 102.8



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: VD066668.D

Acq: 14 Sep 2020 12:53

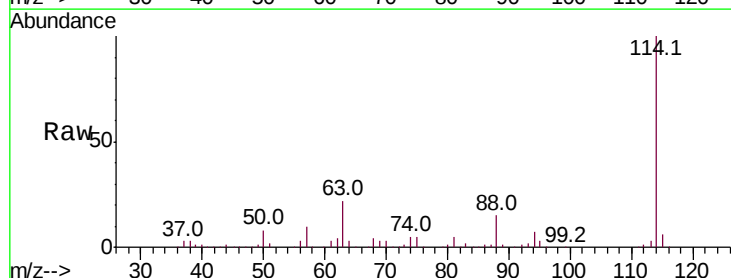
Tgt Ion: 114 Resp: 627023

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

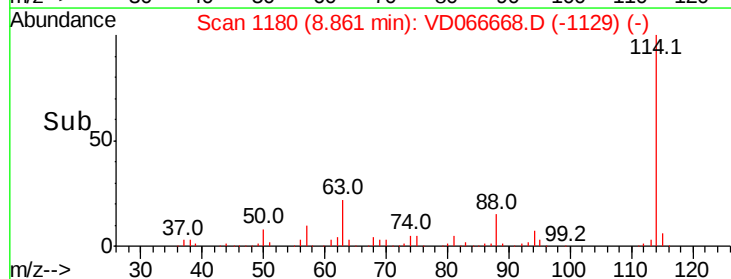
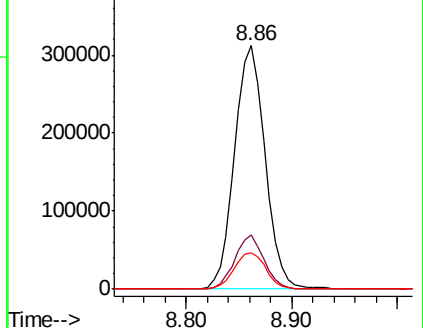
88 15.1 0.0 33.2

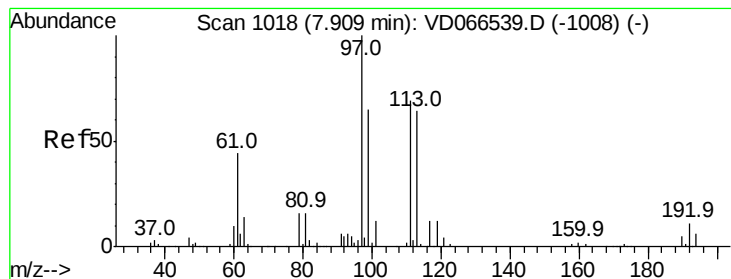


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.385 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

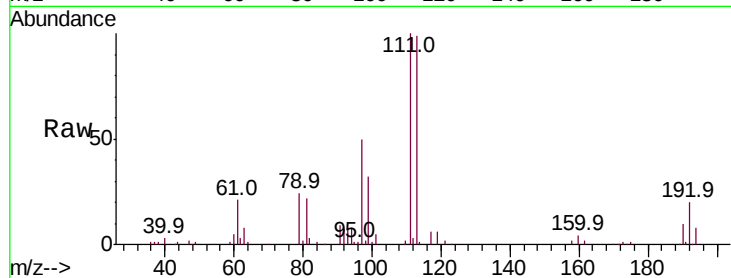
Tot Ion:113 Resp: 213126

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

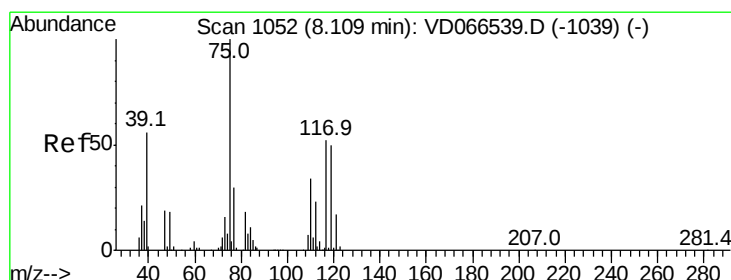
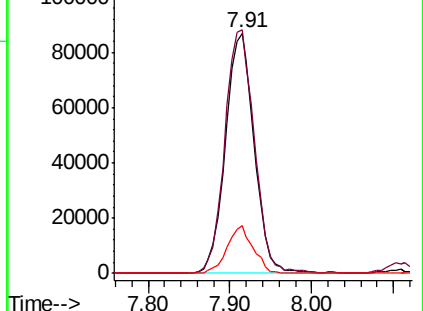
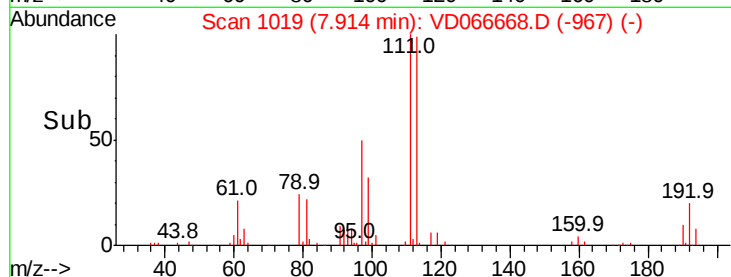
192 18.2 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.897 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

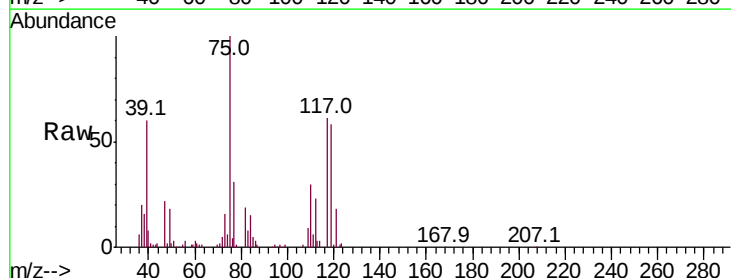
Tgt Ion: 75 Resp: 129833

Ion Ratio Lower Upper

75 100

110 34.3 17.3 52.0

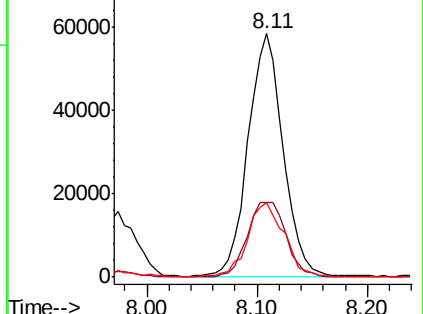
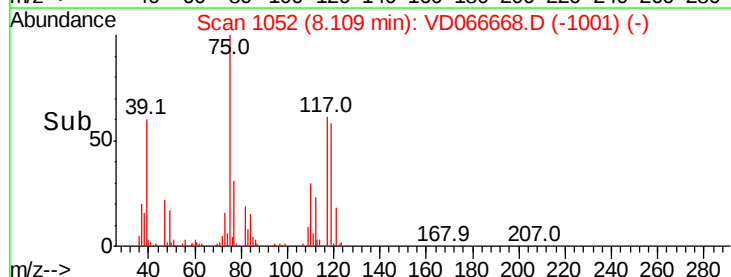
77 32.3 25.1 37.7

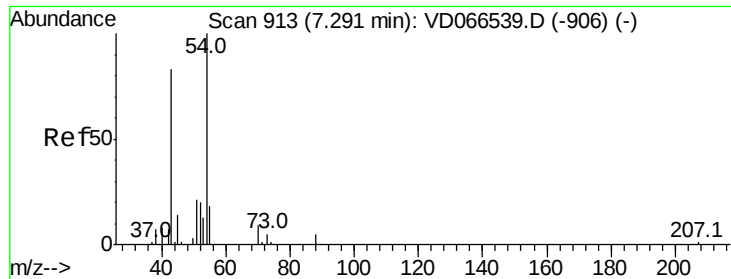


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

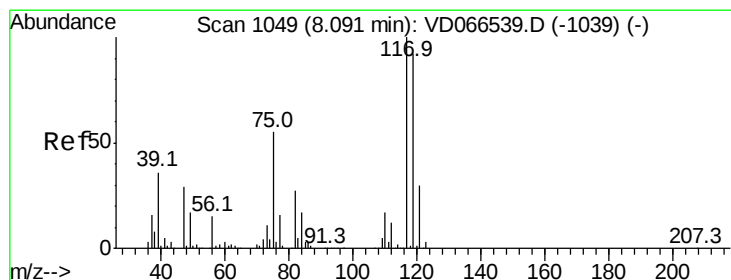
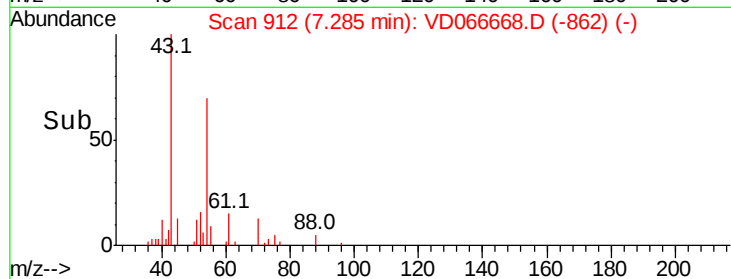
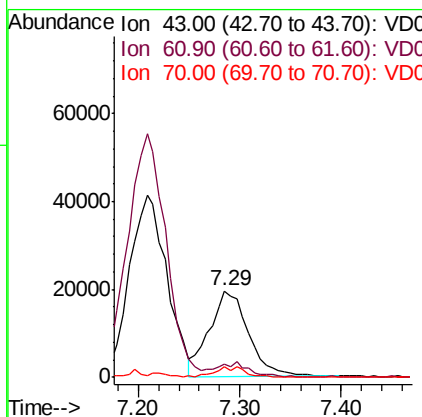
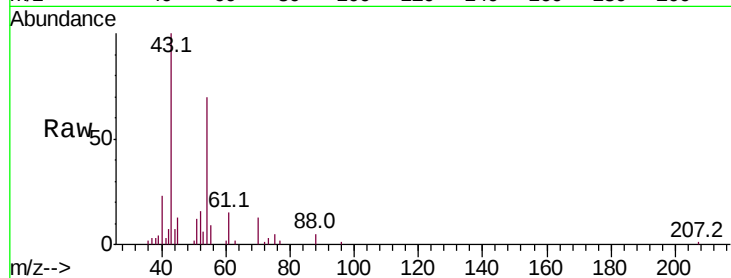




#37
Ethyl Acetate
Concen: 20.043 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

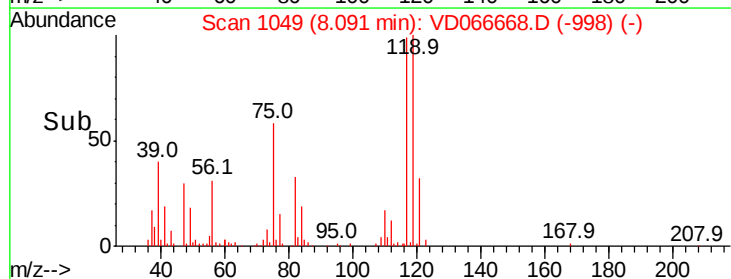
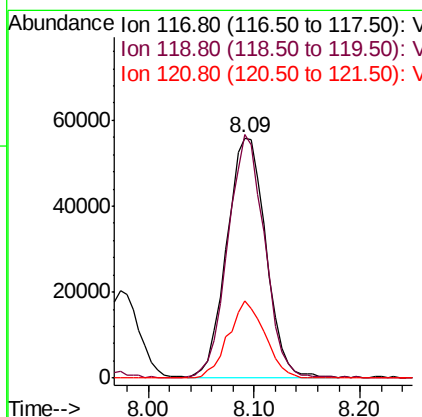
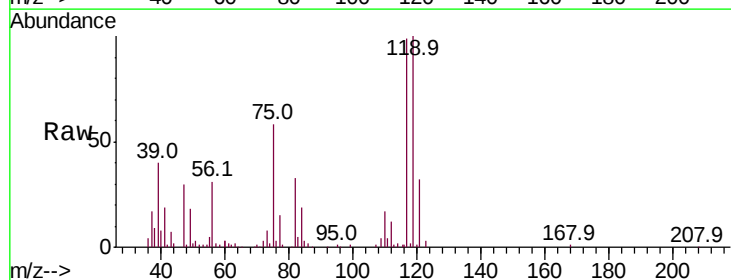
Instrument :
MSVOA_D
ClientSampleId :

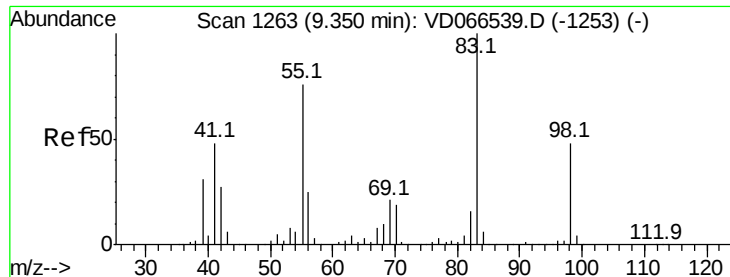
Tot Ion: 43 Resp: 52080
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.677 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 117 Resp: 142615
Ion Ratio Lower Upper
117 100
119 101.3 73.9 110.9
121 32.1 24.1 36.1

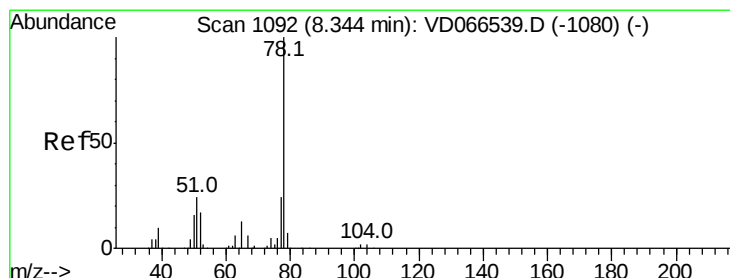
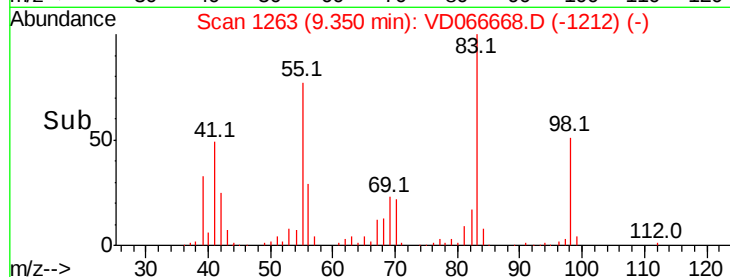
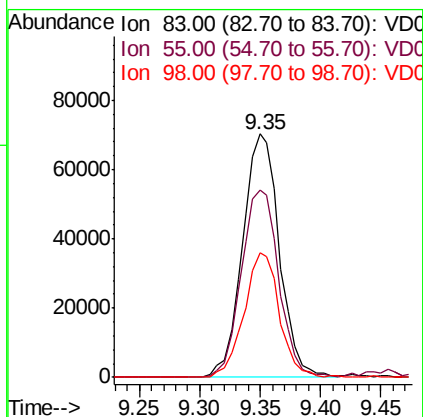
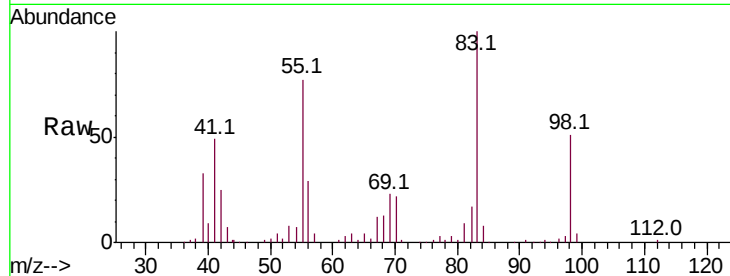




#39
Methvlcvclohexane
Concen: 20.508 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

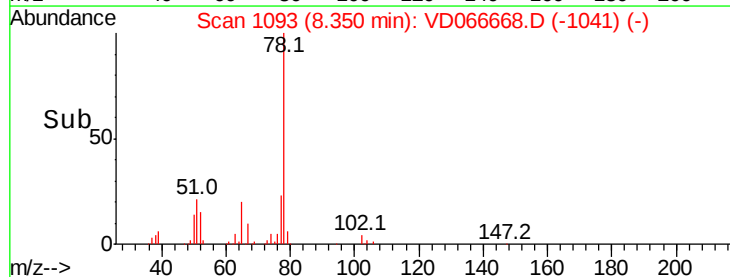
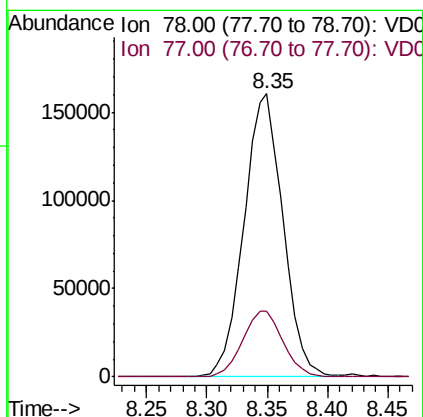
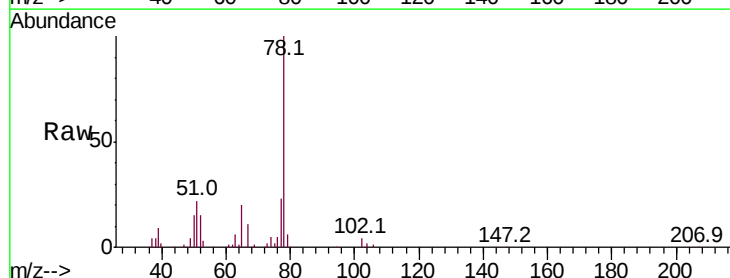
Instrument :
MSVOA_D
ClientSampled :

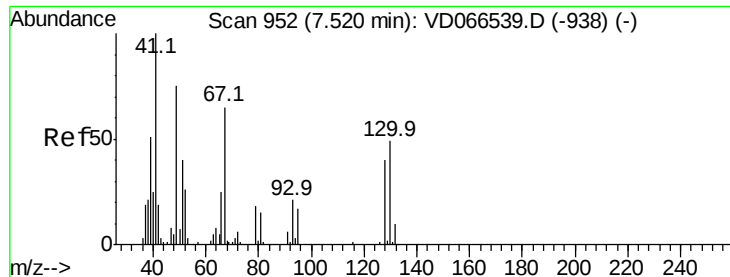
Tot Ion: 83 Resp: 149431
Ion Ratio Lower Upper
83 100
55 77.1 60.8 91.2
98 50.9 38.6 58.0



#40
Benzene
Concen: 20.230 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 78 Resp: 361542
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#41

Methacrylonitrile

Concen: 53.815 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.03 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 41 Resp: 67687

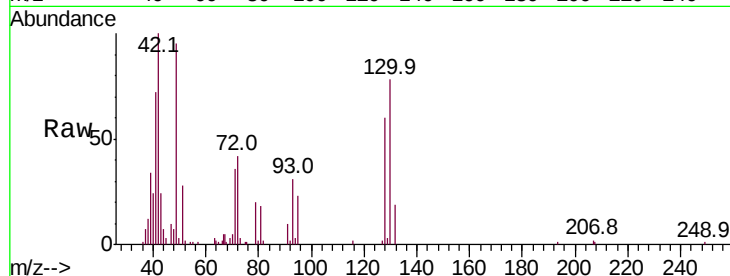
Ion Ratio Lower Upper

41 100

39 27.4 53.6 80.4#

67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

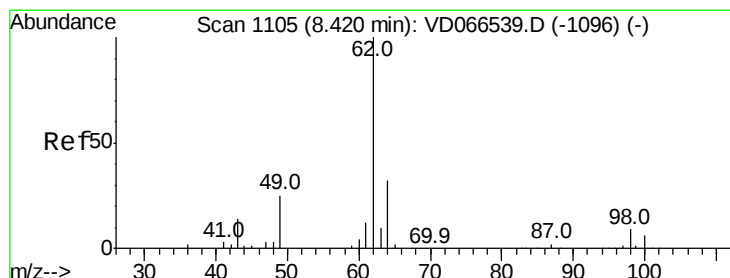
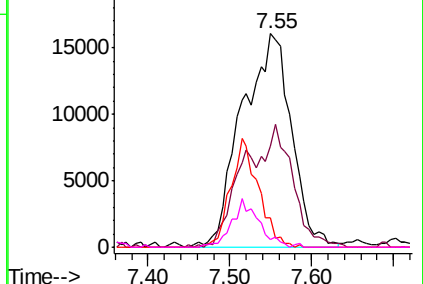
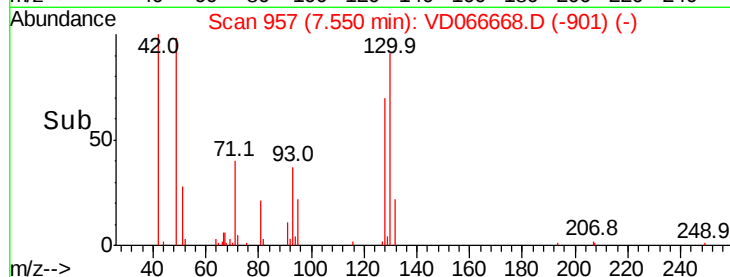


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.368 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066668.D

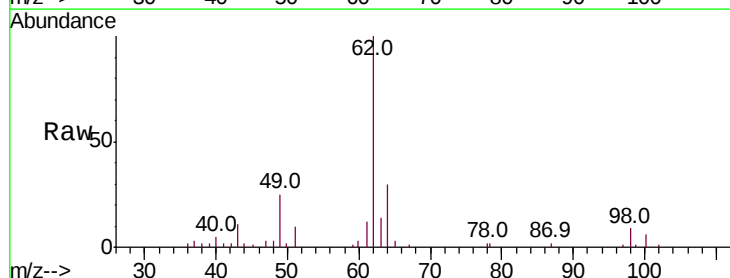
Acq: 14 Sep 2020 12:53

Tgt Ion: 62 Resp: 112148

Ion Ratio Lower Upper

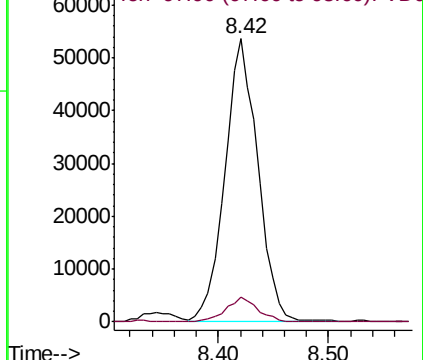
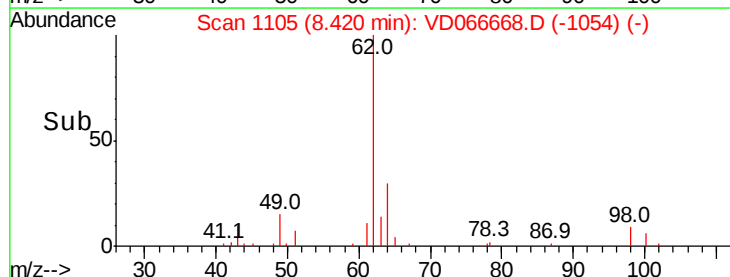
62 100

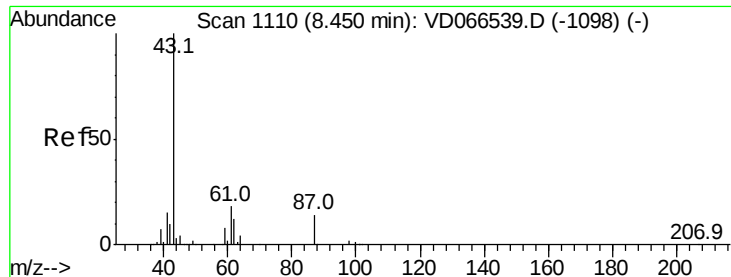
98 8.4 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.208 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

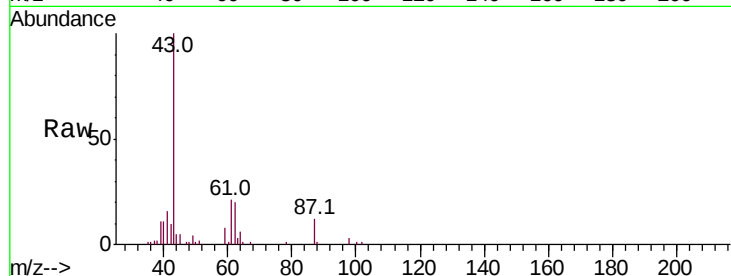
Tot Ion: 43 Resp: 90669

Ion Ratio Lower Upper

43 100

61 32.1 23.8 35.8

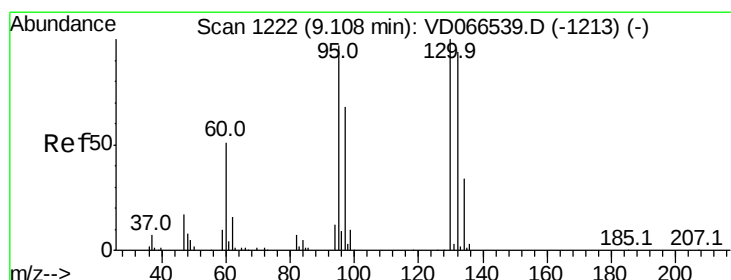
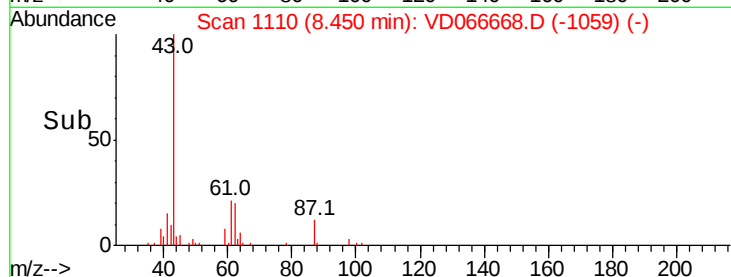
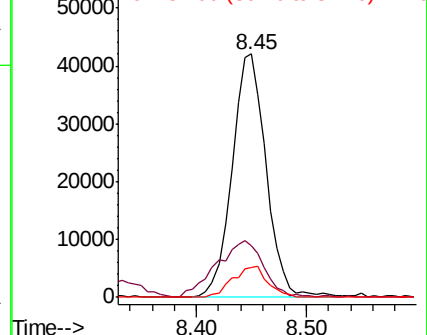
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.029 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066668.D

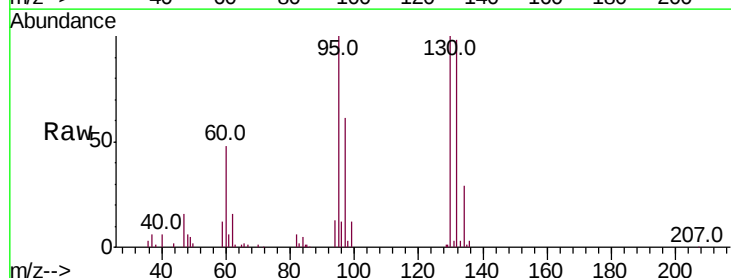
Acq: 14 Sep 2020 12:53

Tgt Ion: 130 Resp: 98580

Ion Ratio Lower Upper

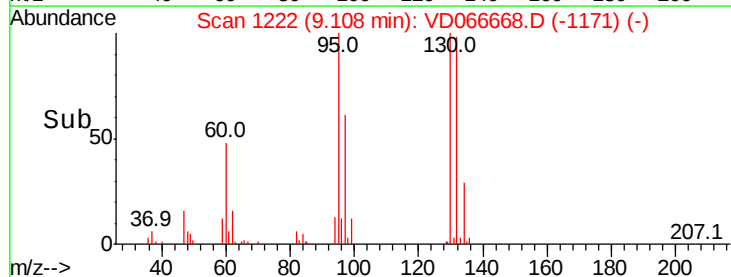
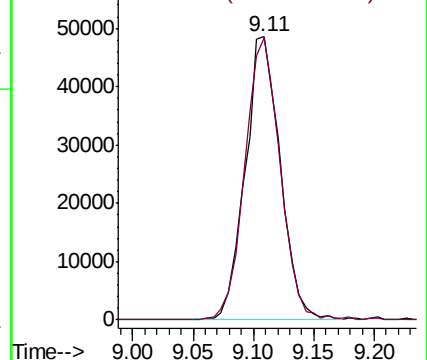
130 100

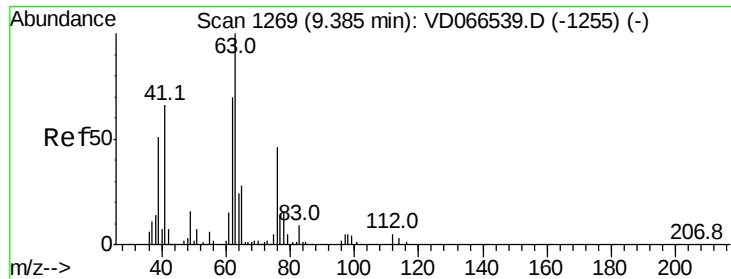
95 99.6 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.967 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

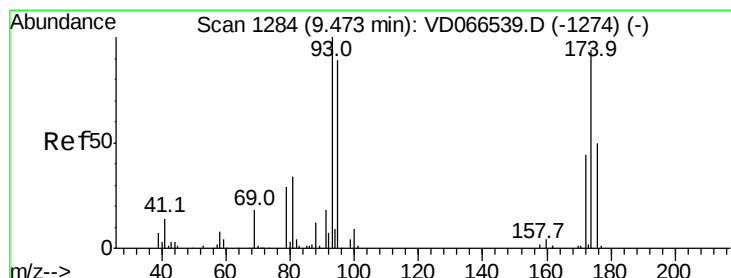
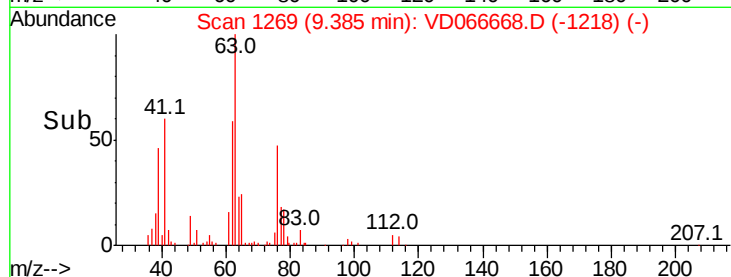
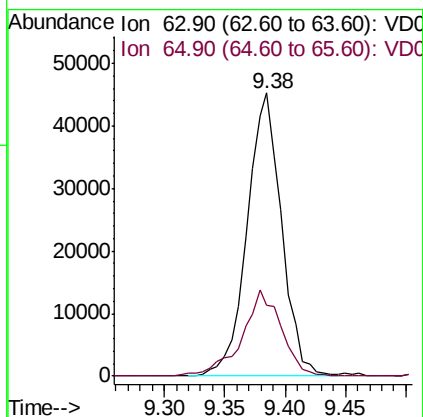
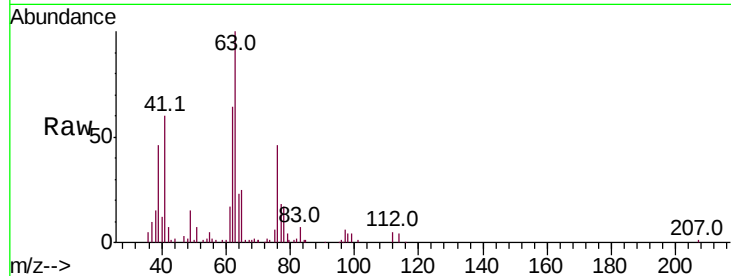
ClientSampled :

Tot Ion: 63 Resp: 89740

Ion Ratio Lower Upper

63 100

65 24.9 22.6 34.0



#46

Dibromomethane

Concen: 19.674 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

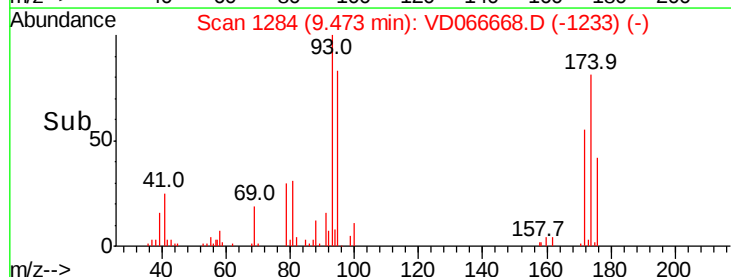
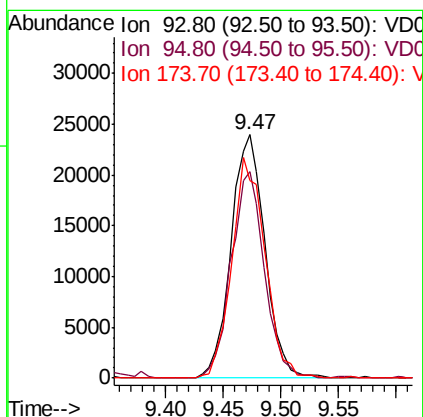
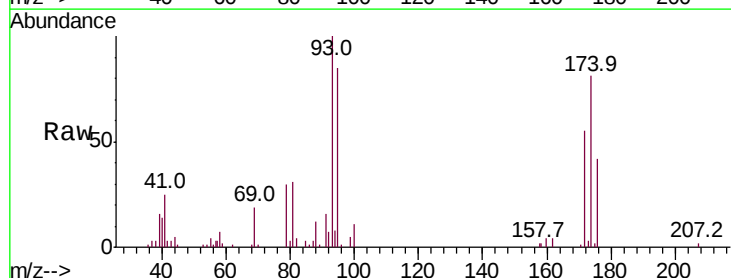
Tgt Ion: 93 Resp: 48784

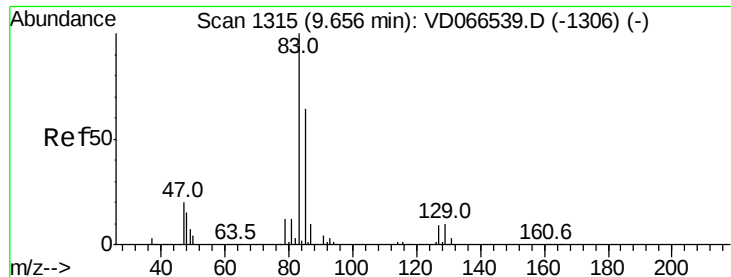
Ion Ratio Lower Upper

93 100

95 83.1 68.7 103.1

174 88.6 70.0 105.0





#47

Bromodichloromethane

Concen: 20.168 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

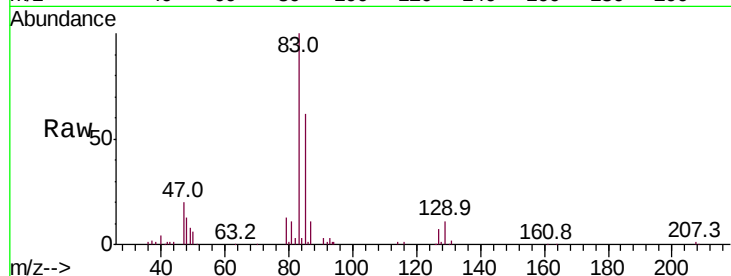
Tot Ion: 83 Resp: 135296

Ion Ratio Lower Upper

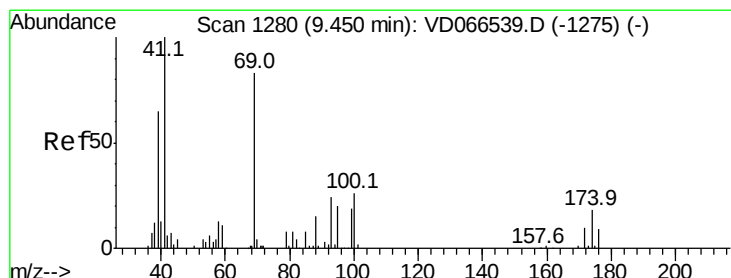
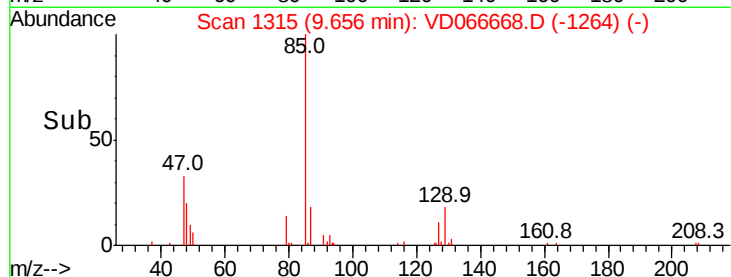
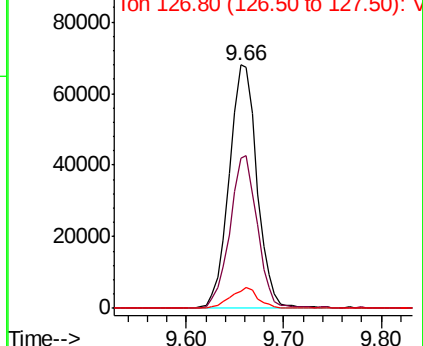
83 100

85 61.9 51.1 76.7

127 7.0 6.9 10.3



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



#48

Methyl methacrylate

Concen: 17.586 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

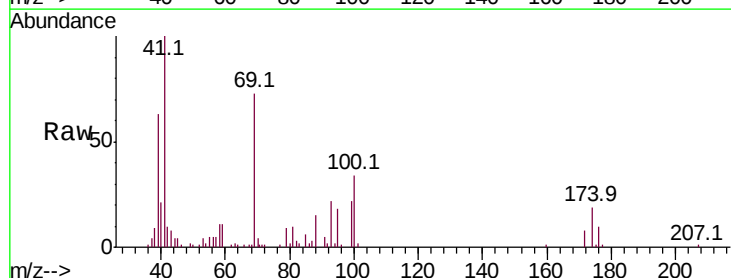
Tgt Ion: 41 Resp: 44281

Ion Ratio Lower Upper

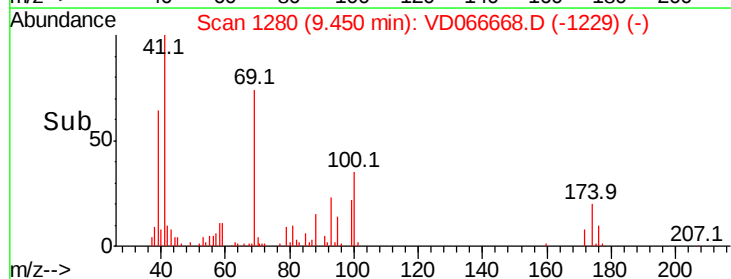
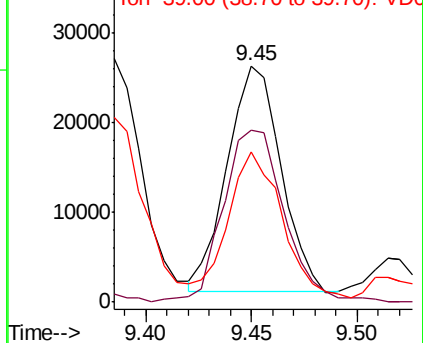
41 100

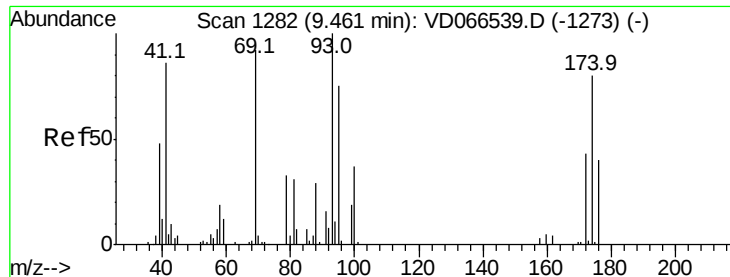
69 87.2 64.5 96.7

39 64.3 46.6 69.8



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

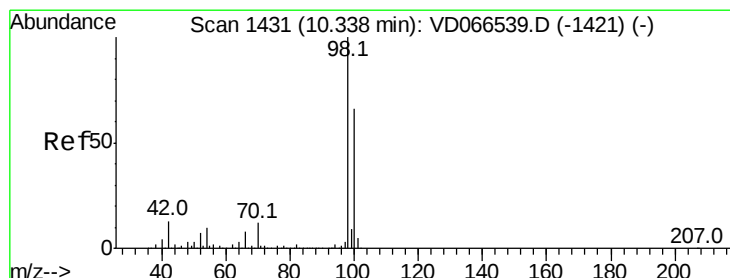
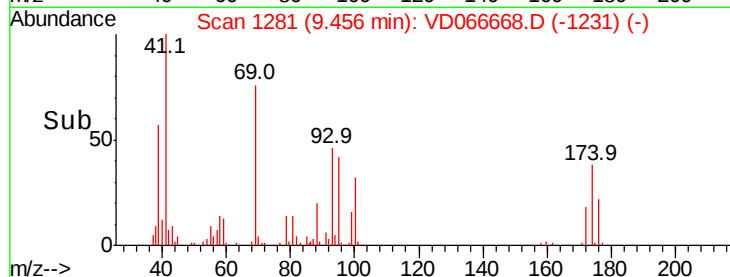
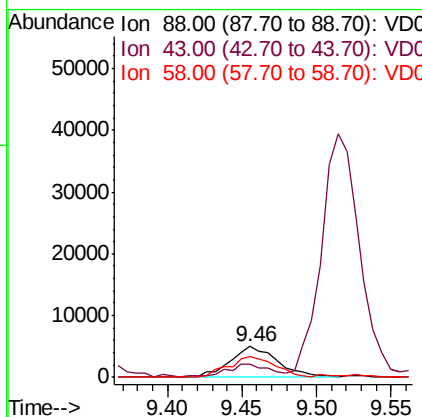
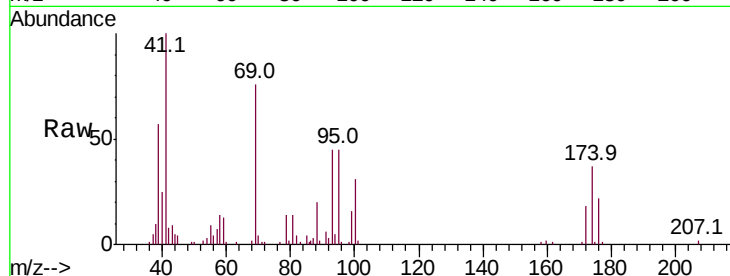




#49
 1,4-Dioxane
 Concen: 404.144 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

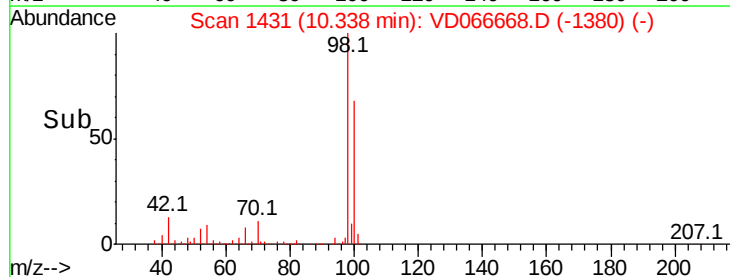
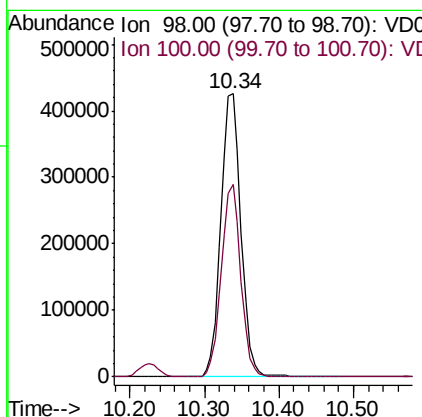
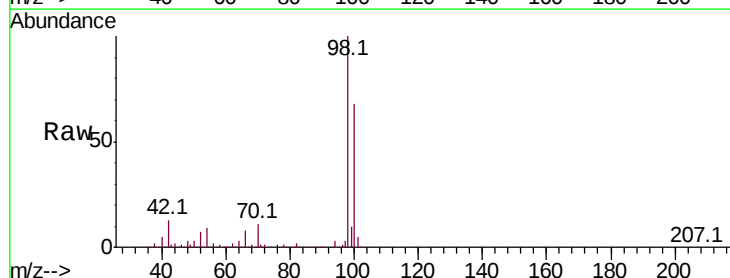
Instrument :
 MSVOA_D
 ClientSampleId :

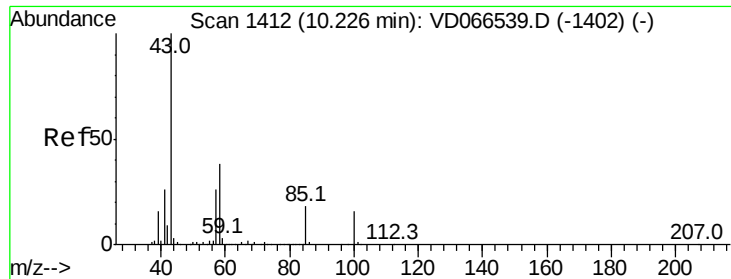
Tot Ion: 88 Resp: 10994
 Ion Ratio Lower Upper
 88 100
 43 33.3 28.3 42.5
 58 66.1 56.1 84.1



#50
 Toluene-d8
 Concen: 52.874 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion: 98 Resp: 799369
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 94.331 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

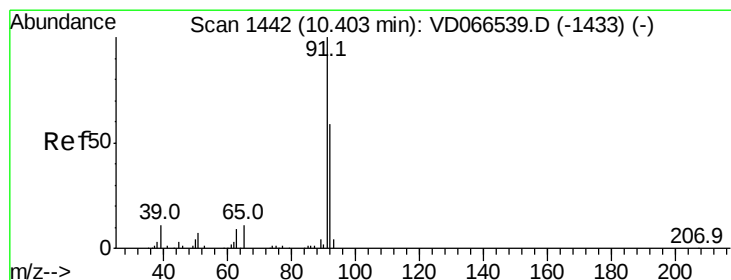
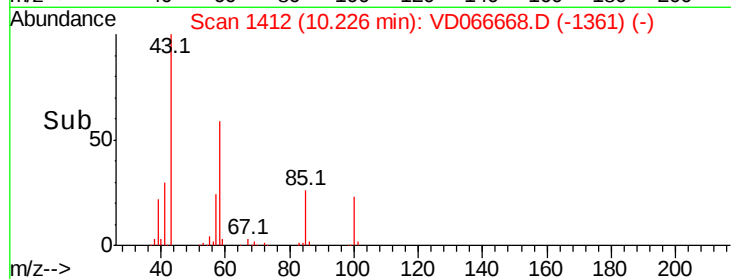
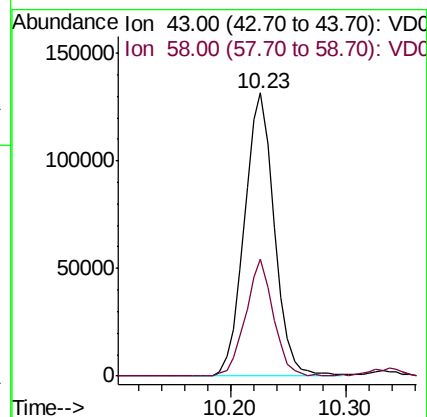
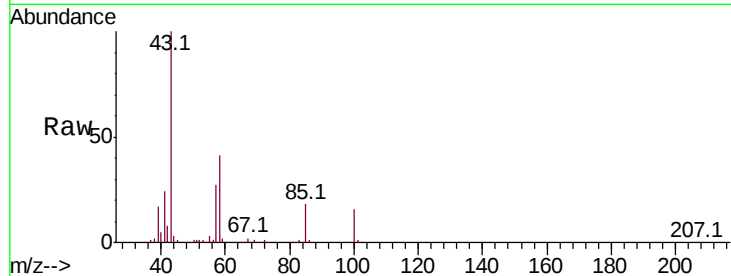
ClientSampleId :

Tot Ion: 43 Resp: 236896

Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7



#52

Toluene

Concen: 20.463 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066668.D

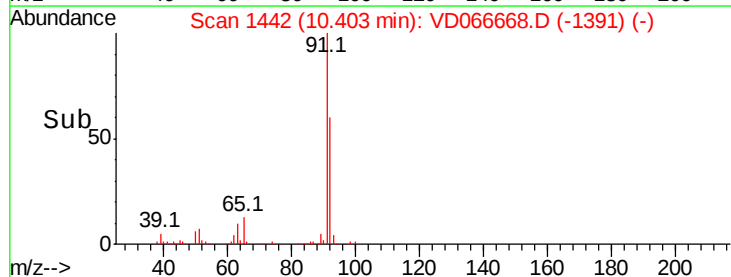
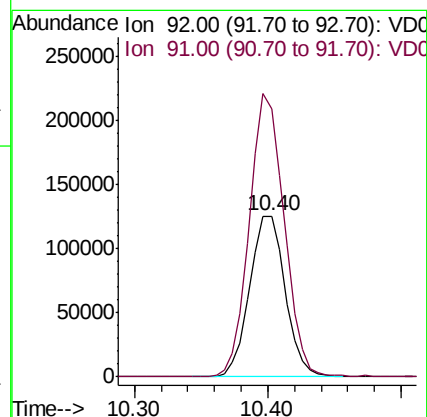
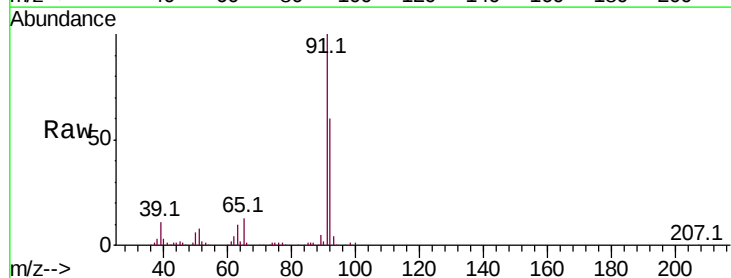
Acq: 14 Sep 2020 12:53

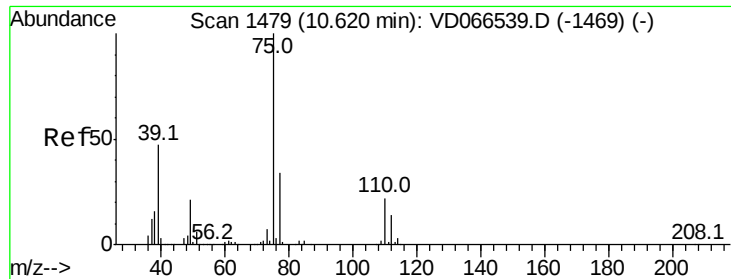
Tgt Ion: 92 Resp: 231493

Ion Ratio Lower Upper

92 100

91 172.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.030 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

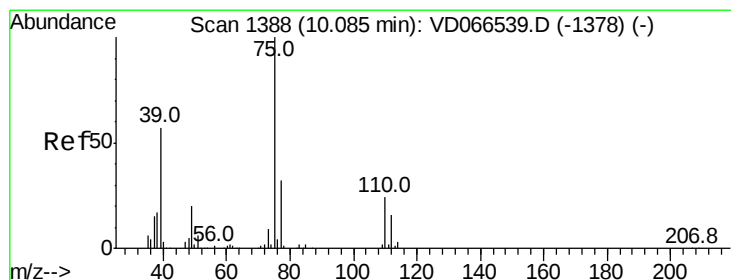
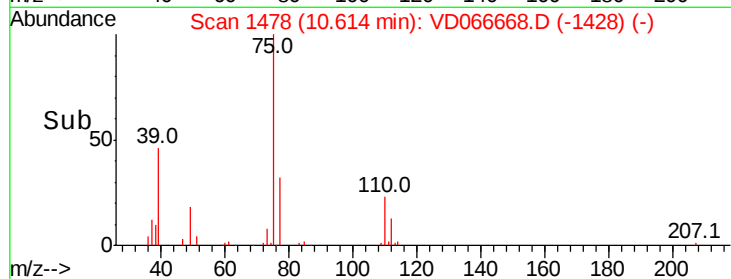
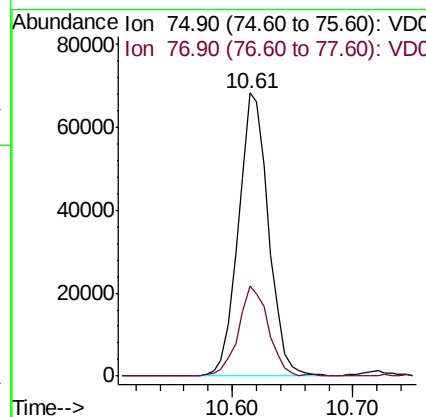
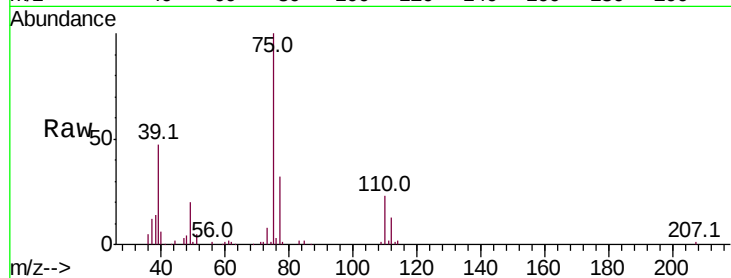
ClientSampled :

Tot Ion: 75 Resp: 118619

Ion Ratio Lower Upper

75 100

77 31.9 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 19.857 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

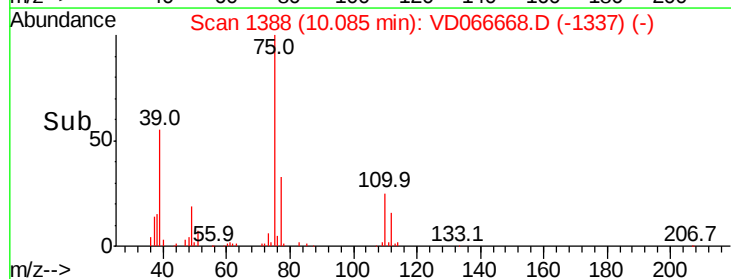
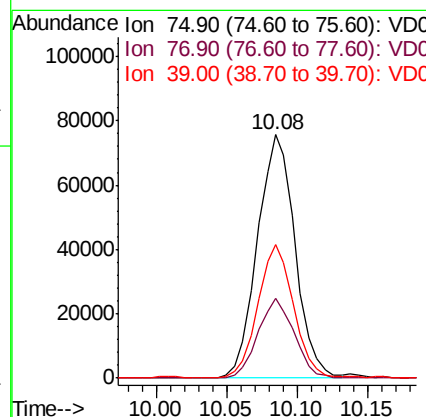
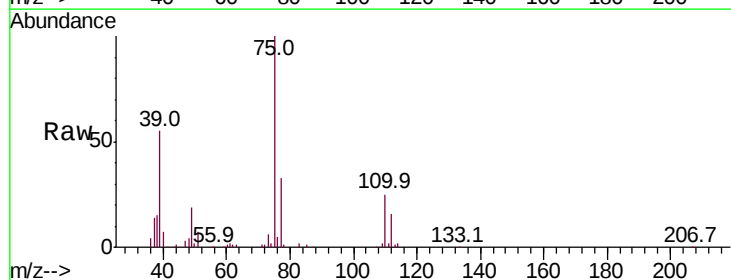
Tgt Ion: 75 Resp: 141220

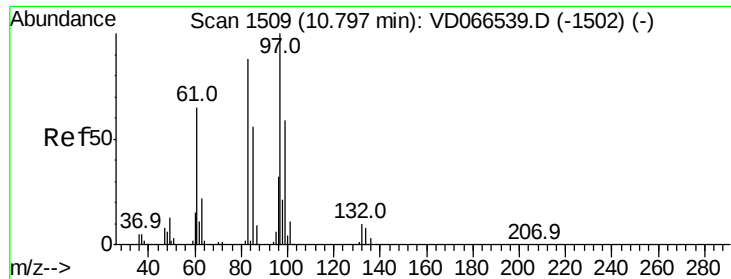
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0

39 54.7 45.4 68.0

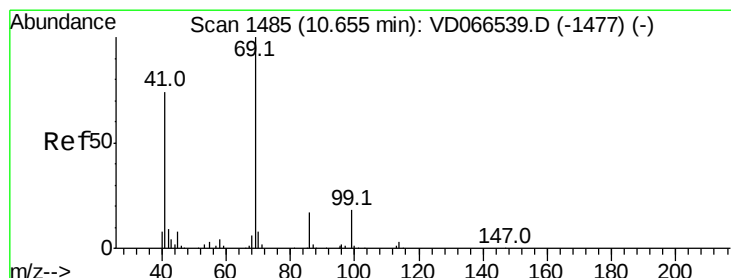
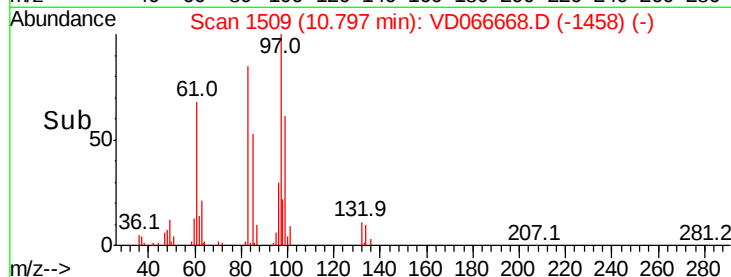
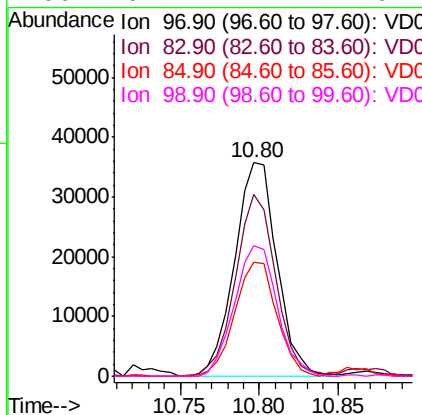
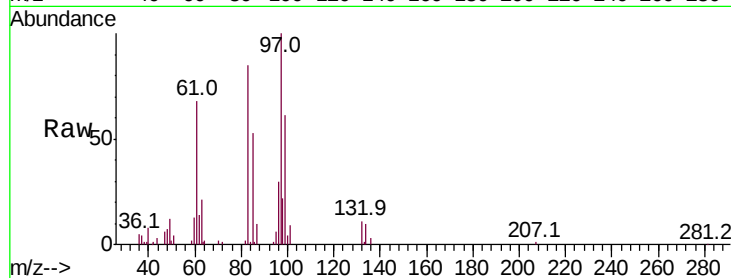




#55
 1,1,2-Trichloroethane
 Concen: 20.891 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

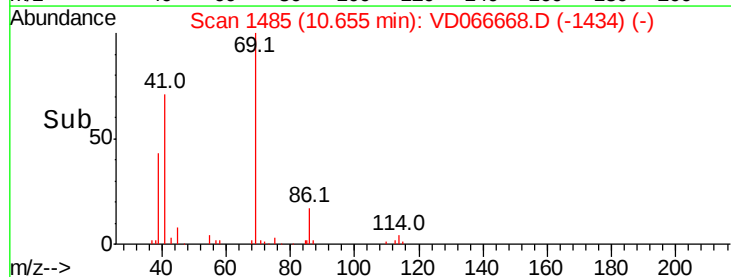
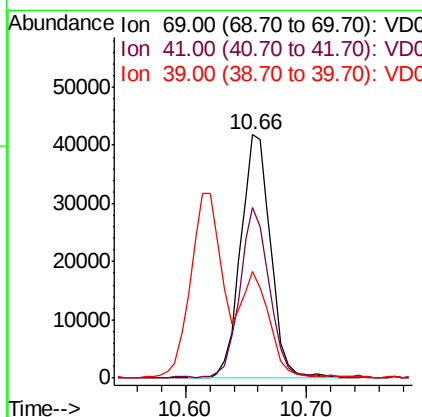
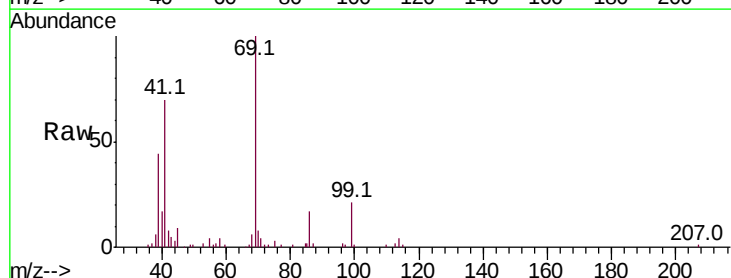
Instrument :
 MSVOA_D
 ClientSampleId :

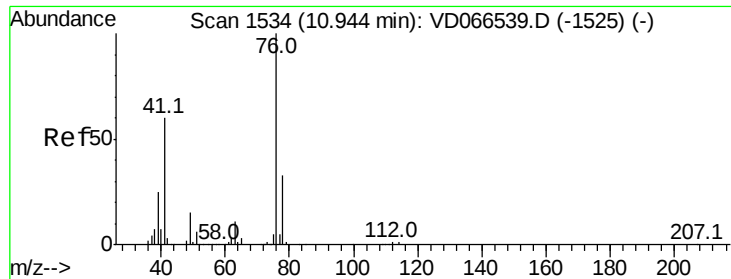
Tot Ion:	97	Resp:	66605
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.1	105.1
85	52.9	44.5	66.7
99	61.2	47.1	70.7



#56
 Ethyl methacrylate
 Concen: 19.428 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion:	69	Resp:	72119
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.8	85.2
39	40.5	30.6	46.0





#57

1,3-Dichloropropane

Concen: 20.002 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

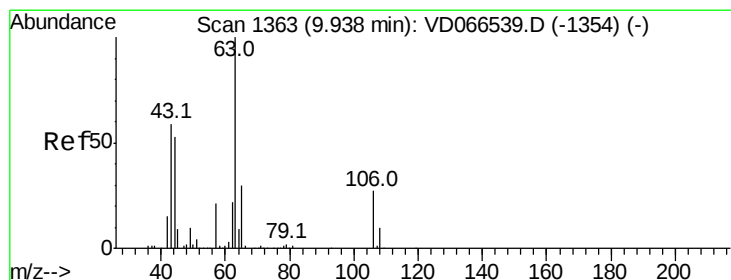
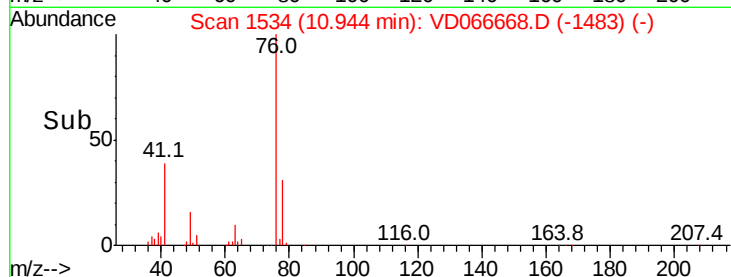
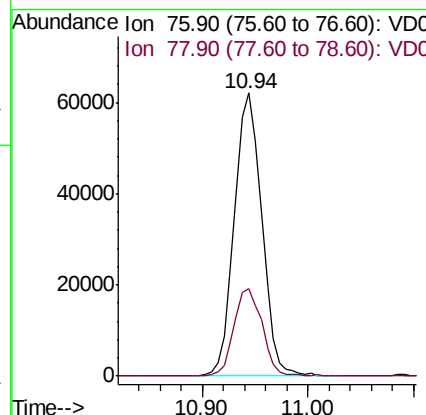
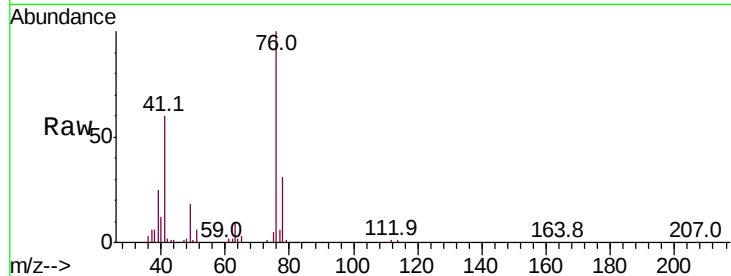
Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 76 Resp: 111699

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 111.360 ug/l

RT: 9.94 min Scan# 1363

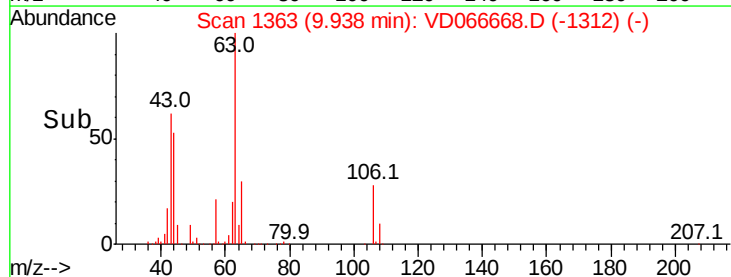
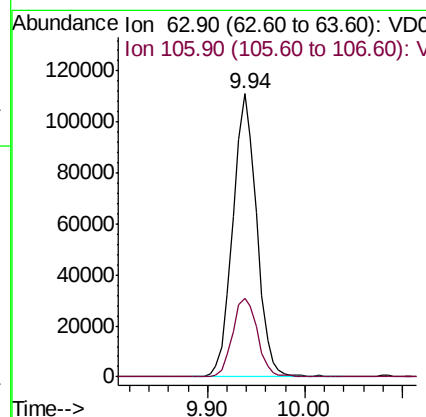
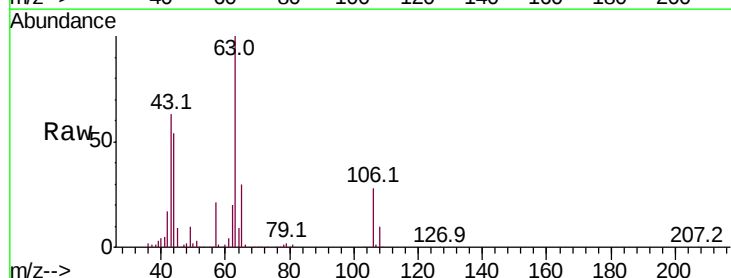
Delta R.T. 0.00 min

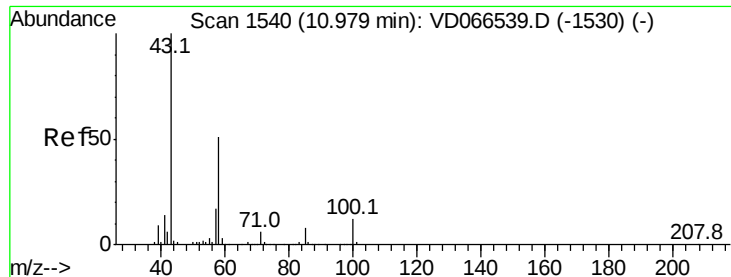
Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion: 63 Resp: 189077

Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.0	33.0

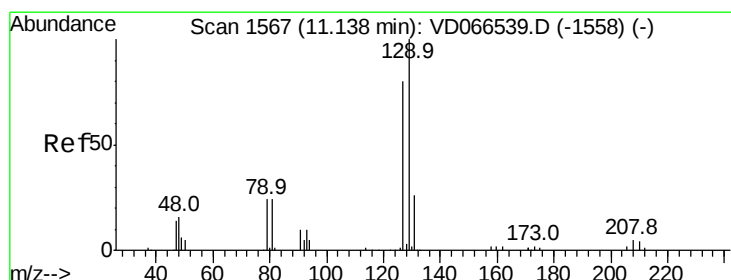
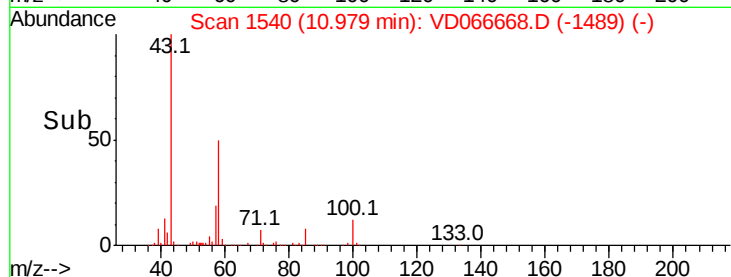
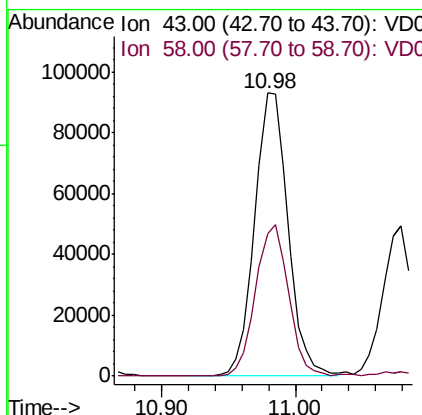
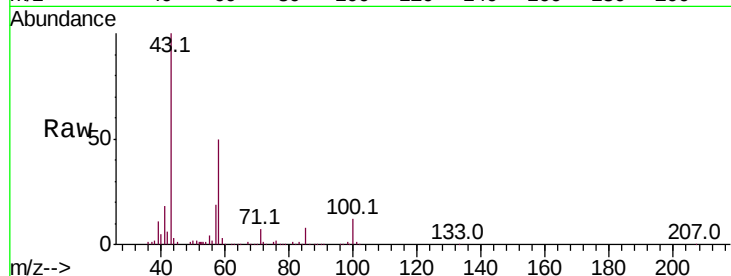




#59
2-Hexanone
Concen: 95.367 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

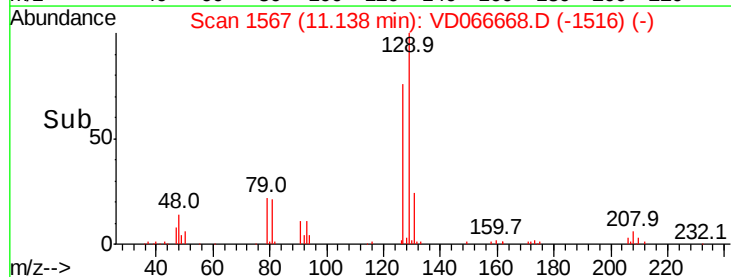
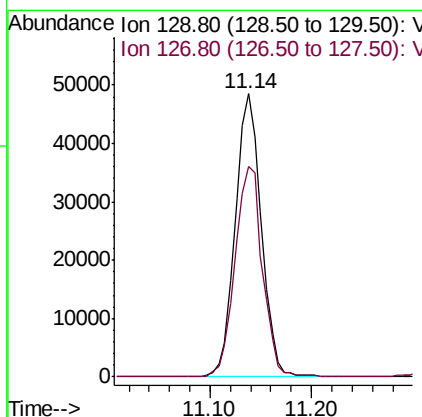
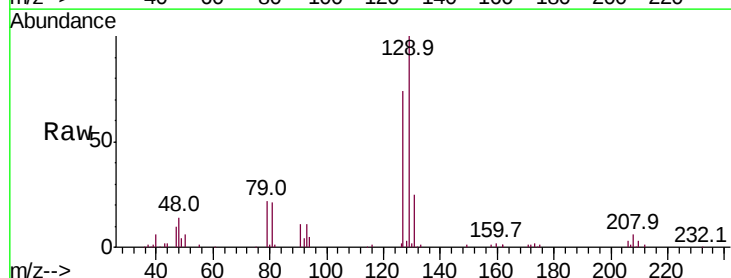
Instrument :
MSVOA_D
ClientSampleId :

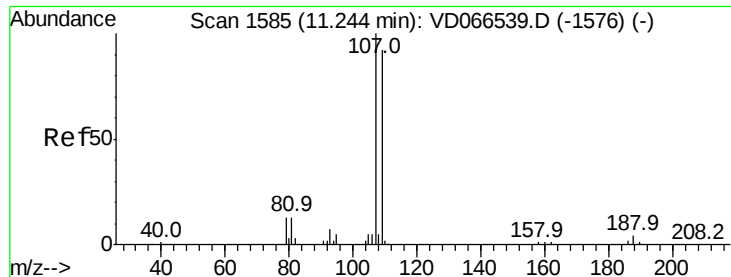
Tot Ion: 43 Resp: 161057
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.8



#60
Dibromochloromethane
Concen: 20.500 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 129 Resp: 86426
Ion Ratio Lower Upper
129 100
127 78.3 39.5 118.3





#61

1,2-Dibromoethane

Concen: 19.638 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

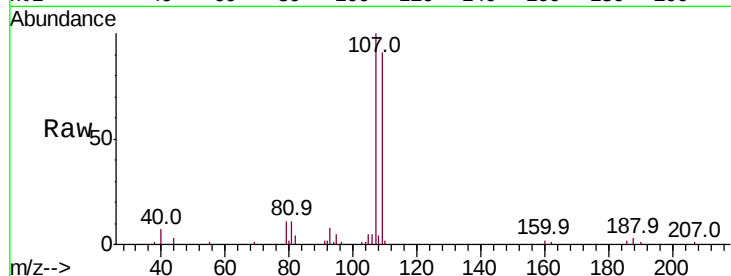
ClientSampleId :

Tot Ion:107 Resp: 60912

Ion Ratio Lower Upper

107 100

109 94.9 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

40000

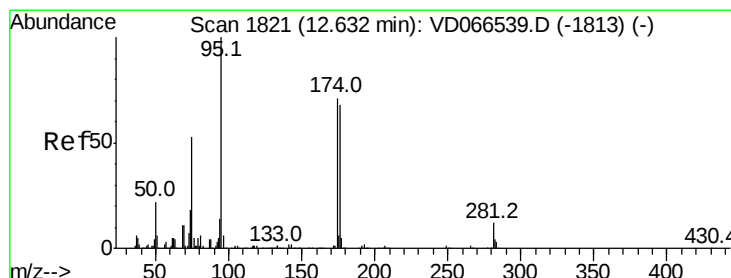
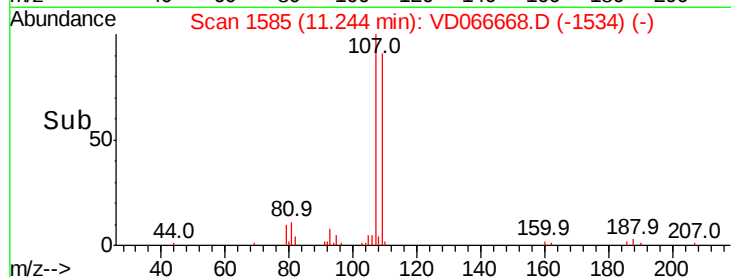
30000

20000

10000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 53.638 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

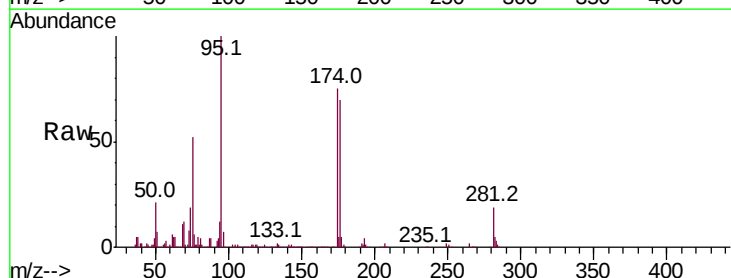
Tgt Ion: 95 Resp: 268892

Ion Ratio Lower Upper

95 100

174 76.5 0.0 155.8

176 71.6 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

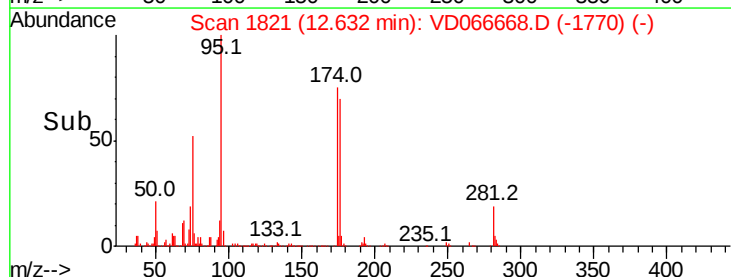
150000

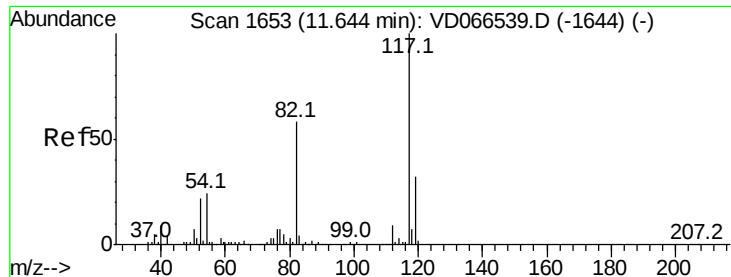
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

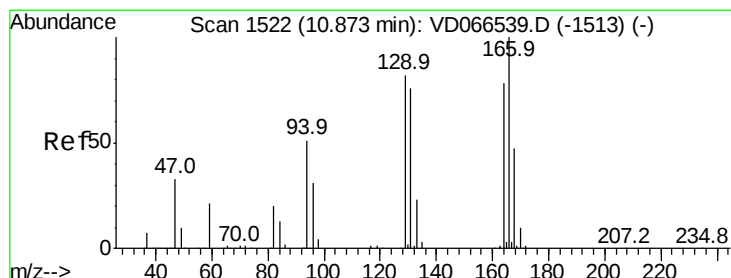
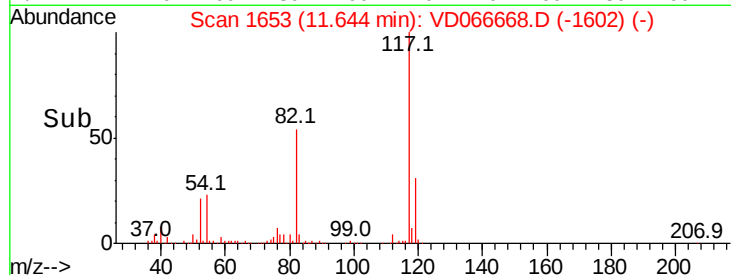
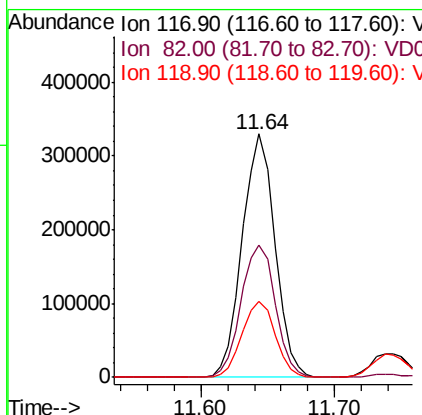
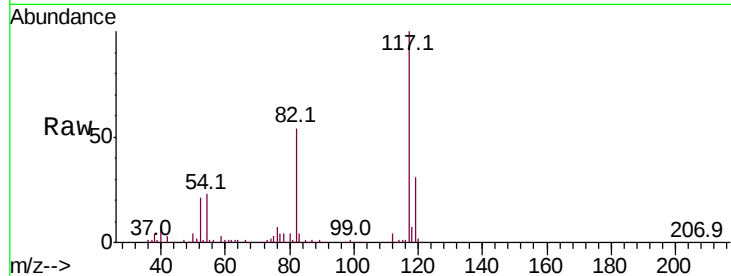




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

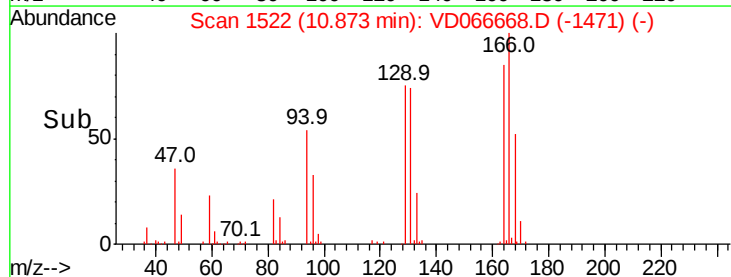
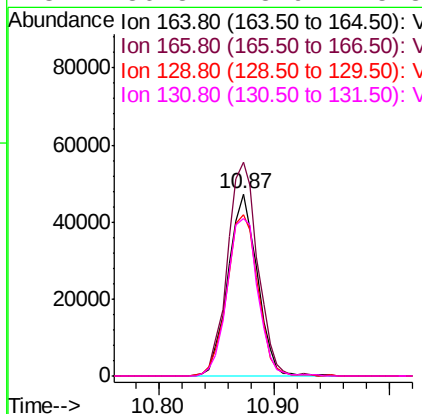
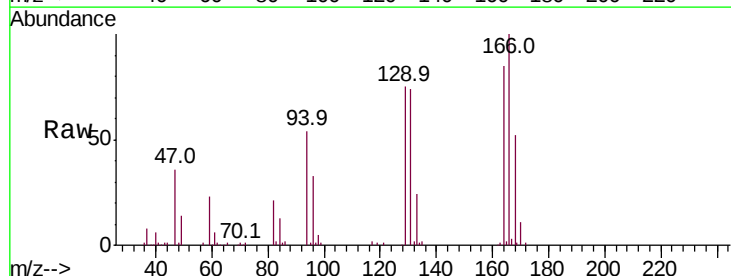
Instrument :
MSVOA_D
ClientSampleId :

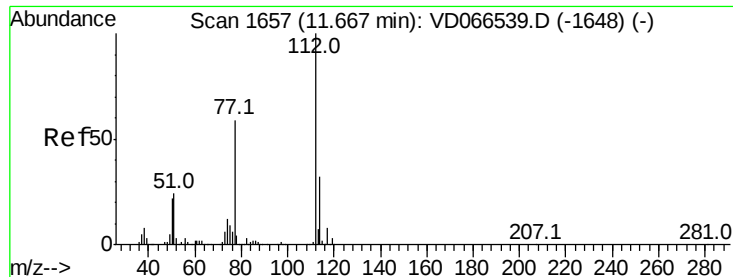
Tot Ion:117 Resp: 559825
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.2
119 31.2 25.8 38.8



#64
Tetrachloroethene
Concen: 22.030 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion:164 Resp: 83039
Ion Ratio Lower Upper
164 100
166 117.3 103.2 154.8
129 88.4 84.5 126.7
131 86.8 78.9 118.3





#65

Chlorobenzene

Concen: 20.442 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

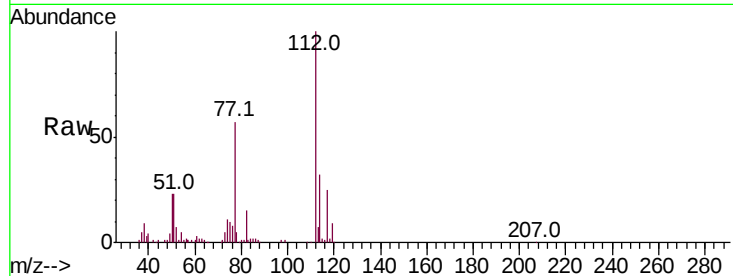
ClientSampled :

Tot Ion:112 Resp: 236190

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

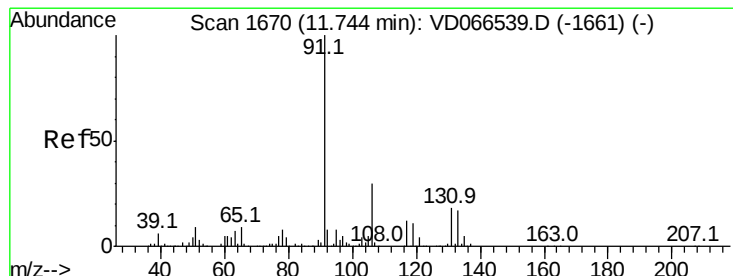
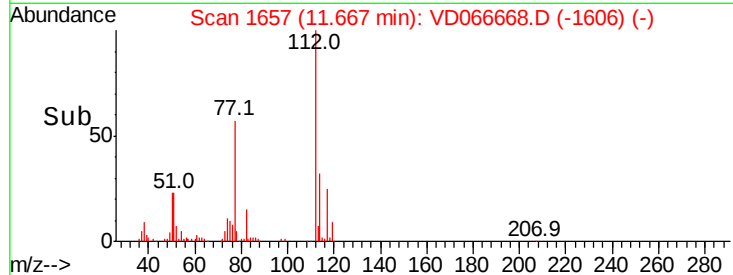
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.634 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

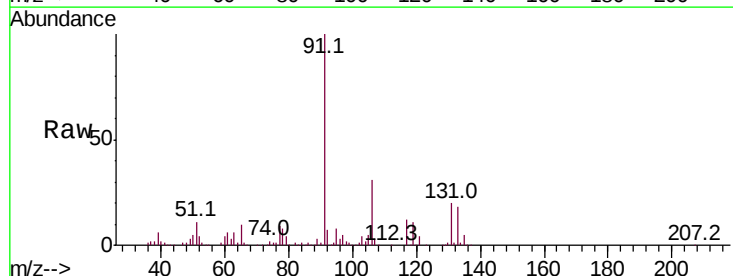
Tgt Ion:131 Resp: 90992

Ion Ratio Lower Upper

131 100

133 91.8 46.7 140.0

119 62.2 31.9 95.7



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

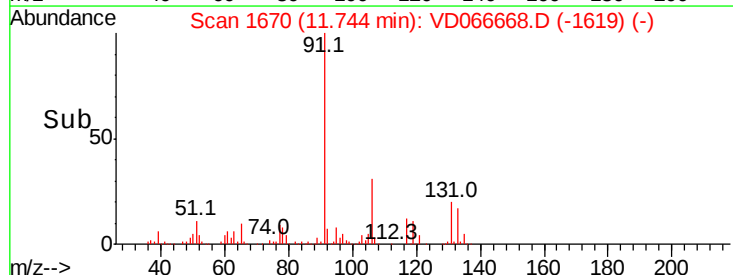
11.74

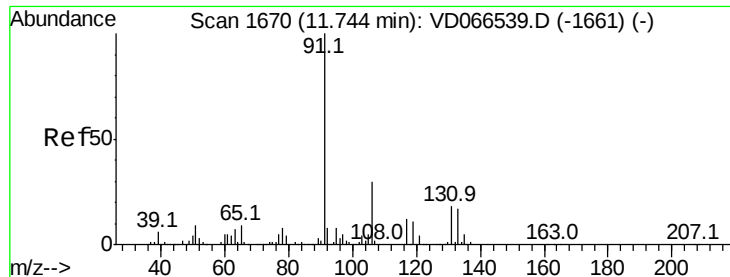
100000

50000

0

Time-->

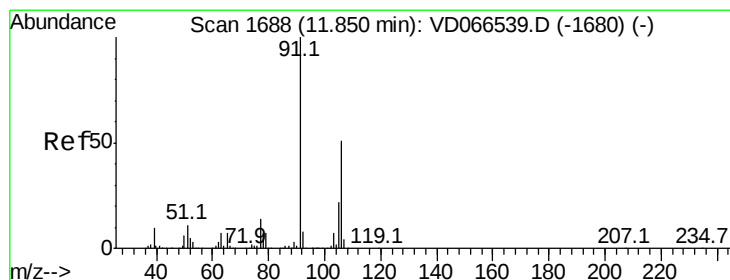
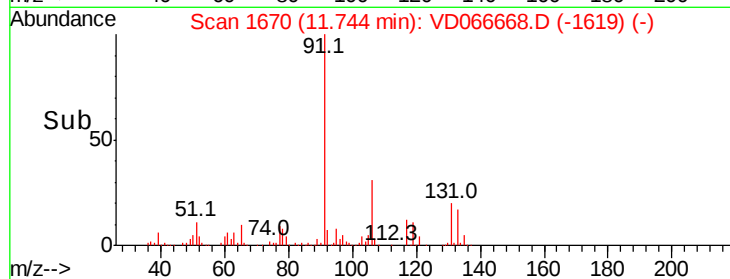
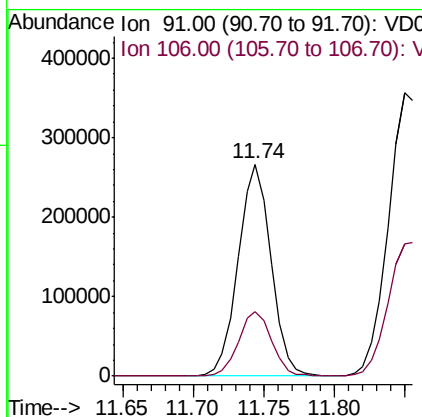
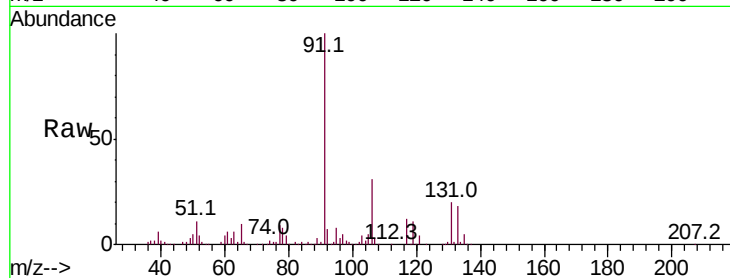




#67
Ethyl Benzene
Concen: 20.440 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

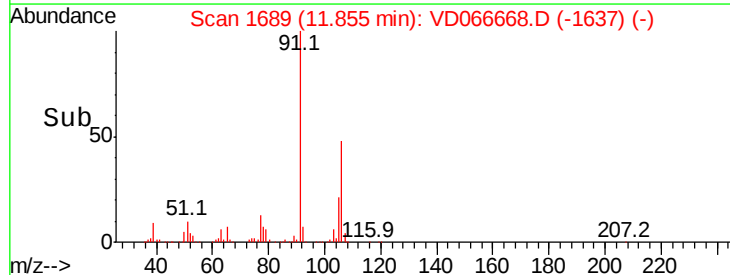
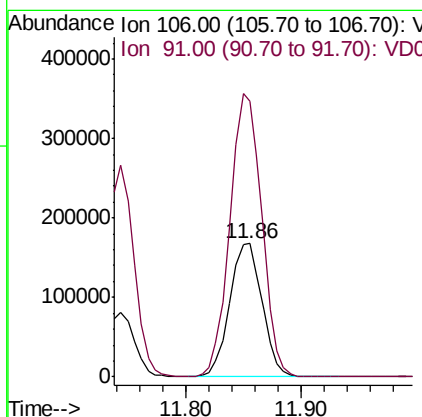
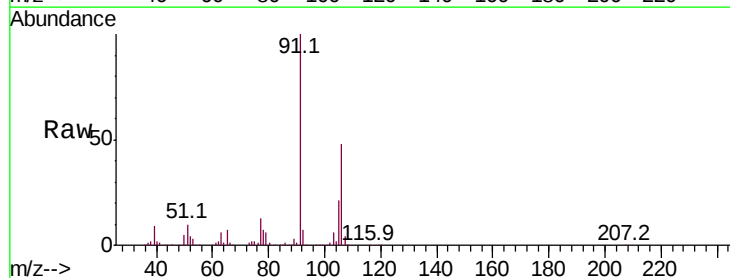
Instrument :
MSVOA_D
ClientSampled :

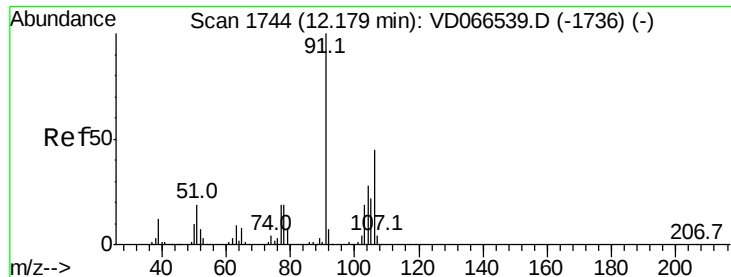
Tot Ion: 91 Resp: 433662
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 41.398 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion:106 Resp: 326120
Ion Ratio Lower Upper
106 100
91 208.9 162.4 243.6

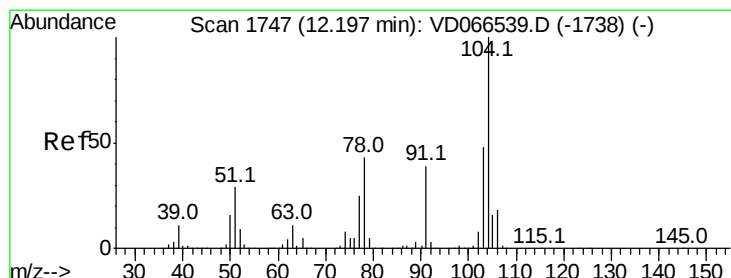
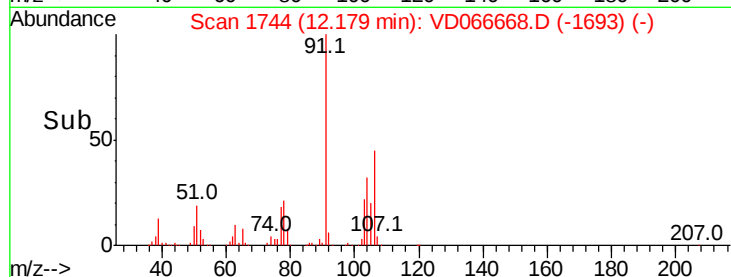
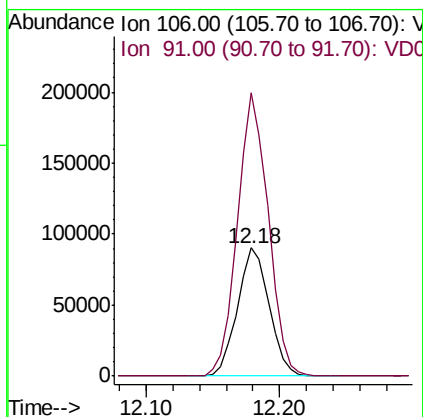
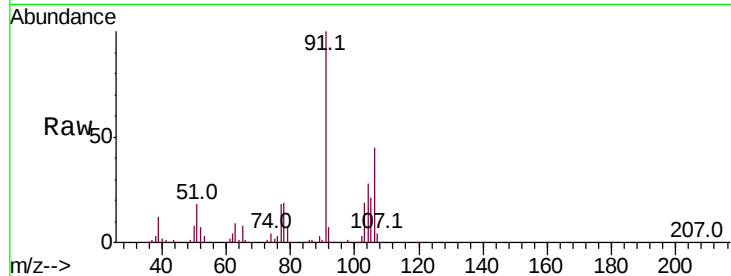




#69
o-Xylene
Concen: 21.018 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

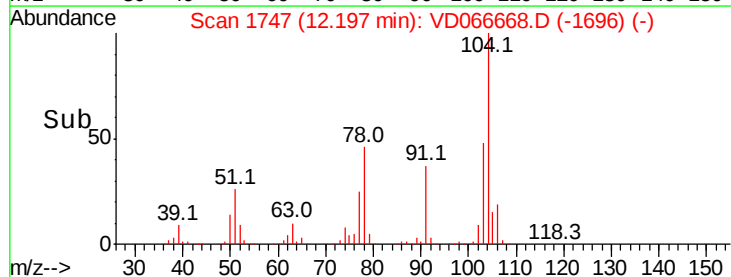
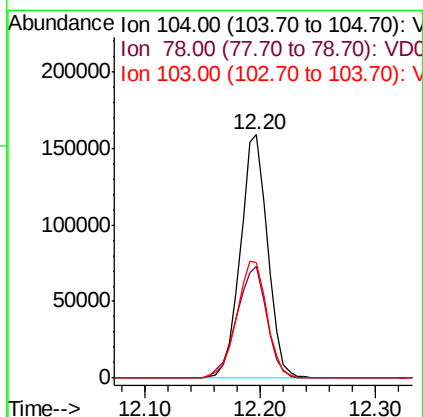
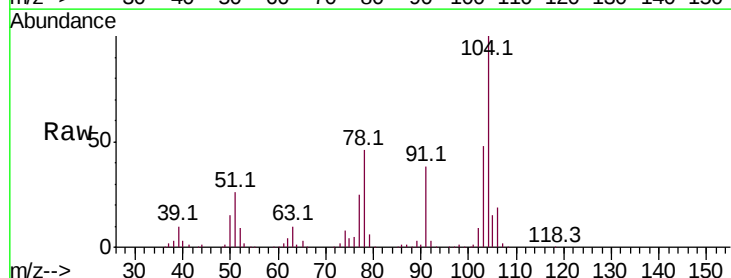
Instrument :
MSVOA_D
ClientSampleId :

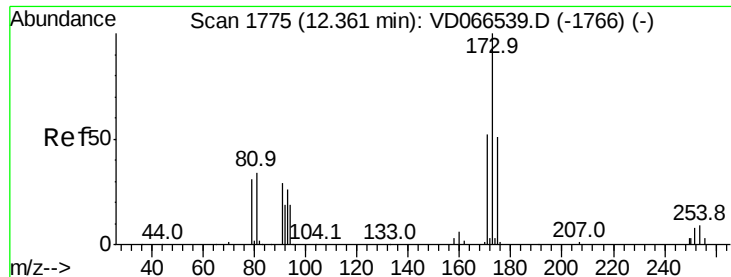
Tot Ion:106 Resp: 148381
Ion Ratio Lower Upper
106 100
91 214.9 107.9 323.8



#70
Styrene
Concen: 21.154 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion:104 Resp: 259635
Ion Ratio Lower Upper
104 100
78 50.5 40.7 61.1
103 53.2 42.9 64.3





#71

Bromoform

Concen: 19.854 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

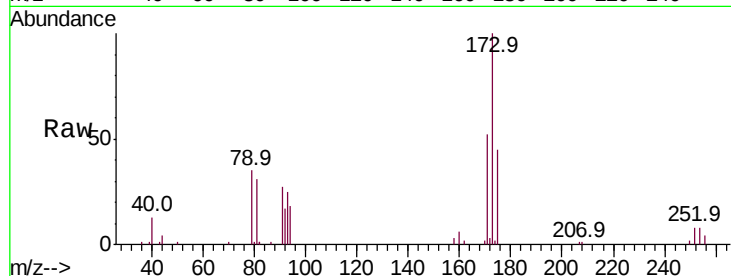
Tot Ion:173 Resp: 44123

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

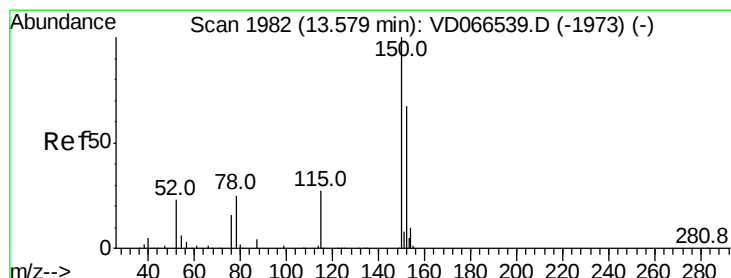
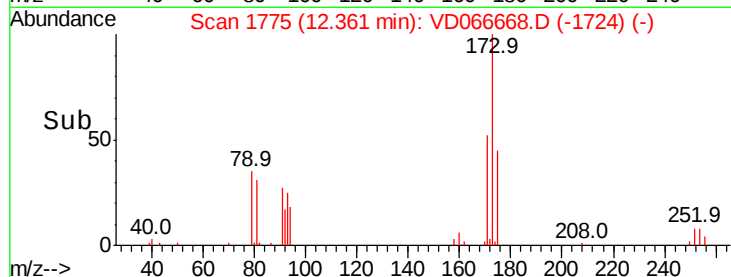
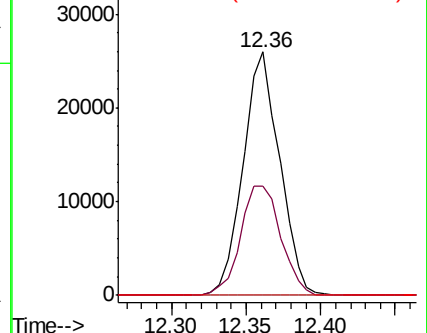
254 0.0 0.0 0.0



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: VD066668.D

Acq: 14 Sep 2020 12:53

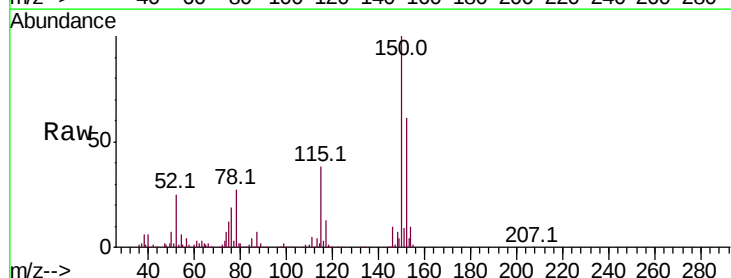
Tgt Ion:152 Resp: 261625

Ion Ratio Lower Upper

152 100

115 62.0 30.4 91.2

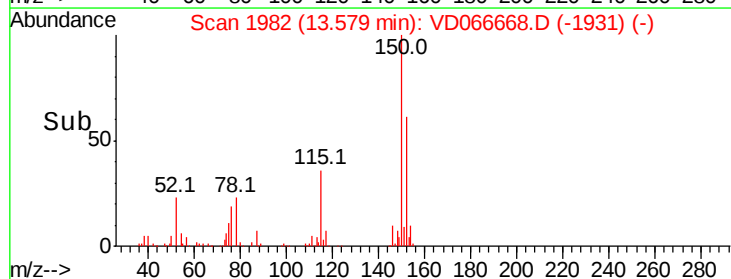
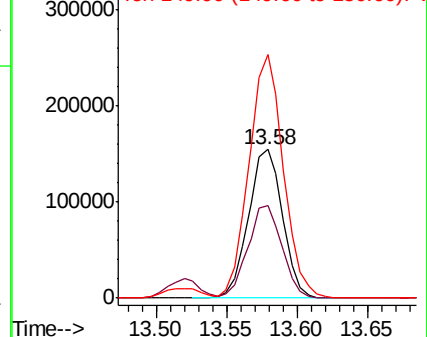
150 164.6 0.0 345.8

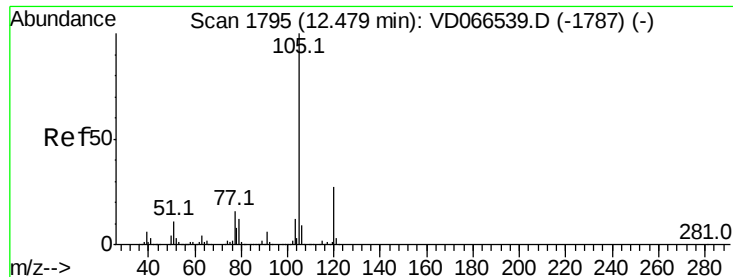


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.148 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

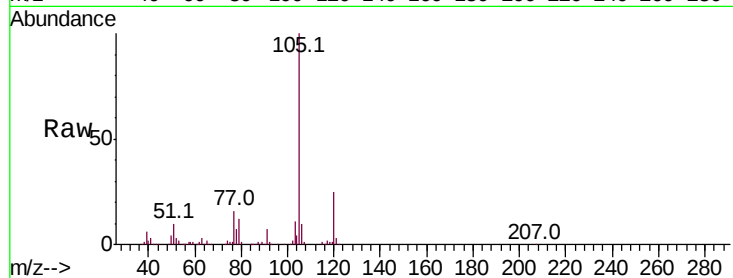
ClientSampleId :

Tot Ion:105 Resp: 409654

Ion Ratio Lower Upper

105 100

120 25.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

250000

200000

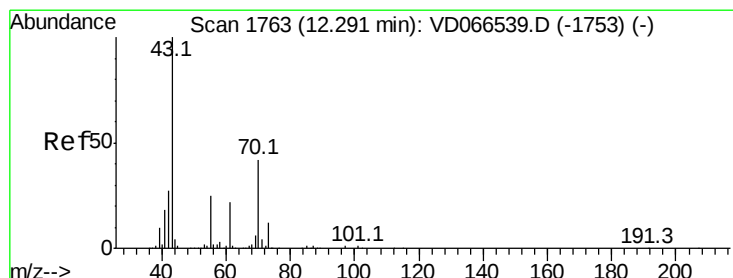
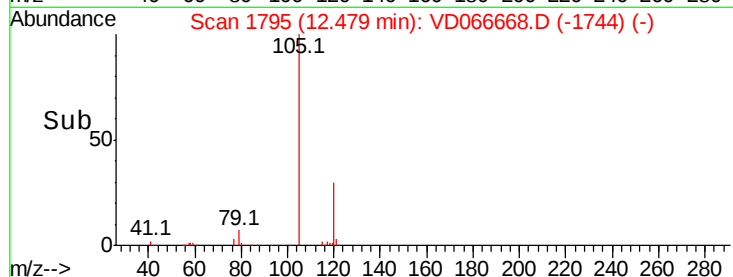
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.187 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion: 43 Resp: 84178

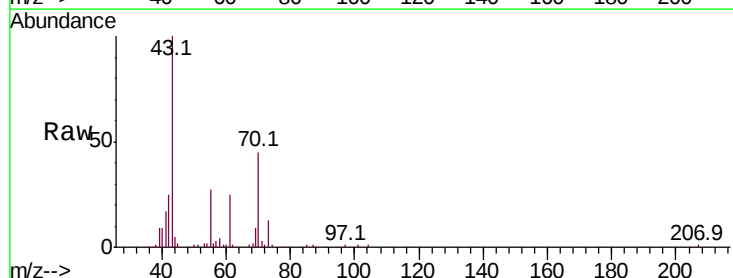
Ion Ratio Lower Upper

43 100

70 43.5 33.4 50.2

55 28.0 20.1 30.1

61 24.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

80000

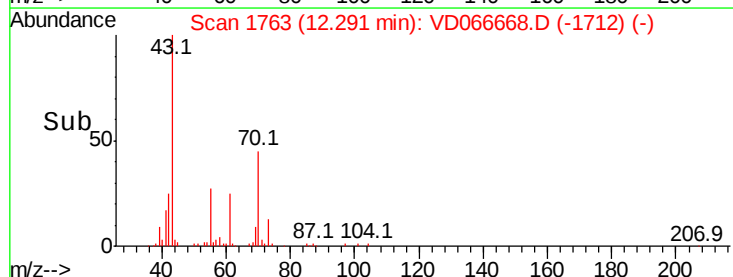
60000

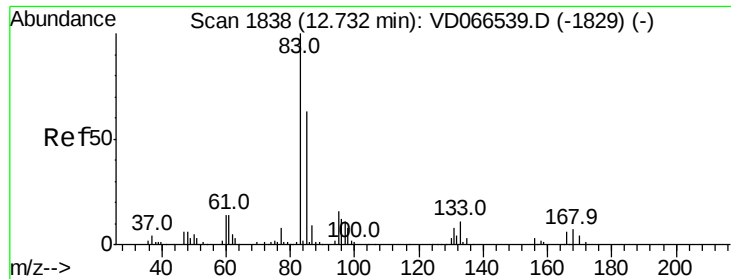
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.844 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

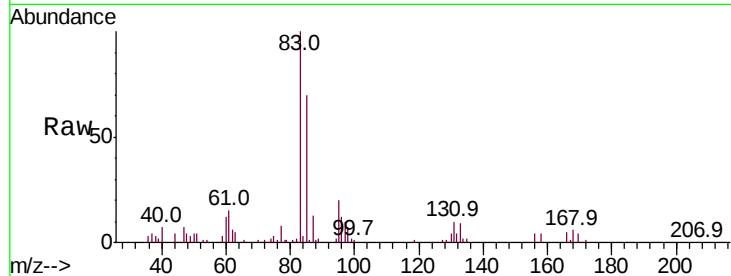
Tot Ion: 83 Resp: 67907

Ion Ratio Lower Upper

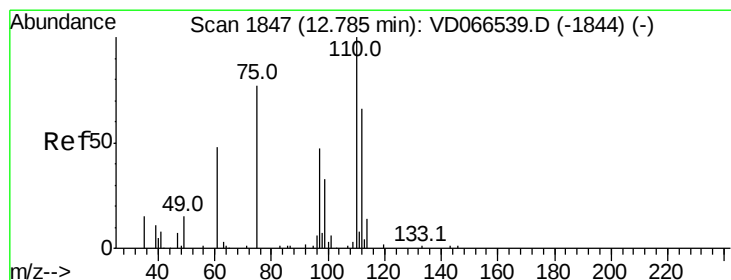
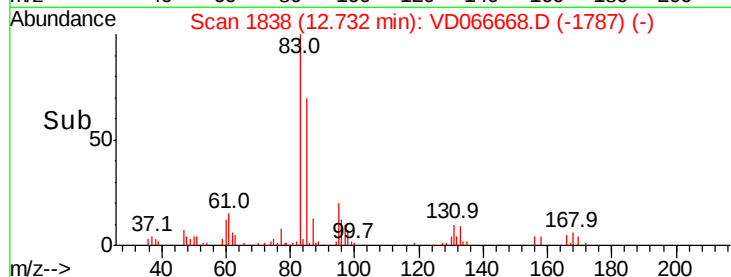
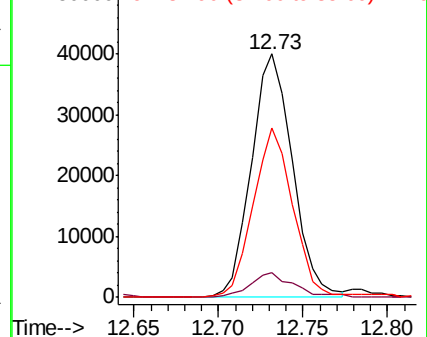
83 100

131 10.6 5.0 15.0

85 66.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 36.572 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066668.D

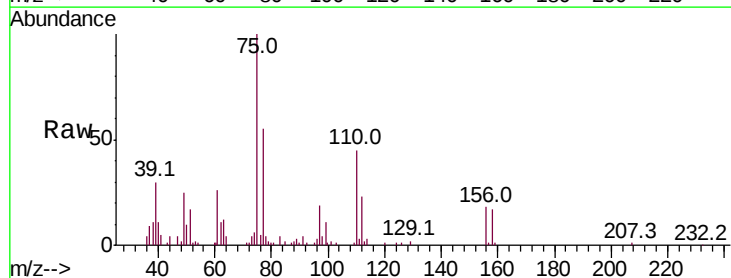
Acq: 14 Sep 2020 12:53

Tgt Ion: 75 Resp: 92021

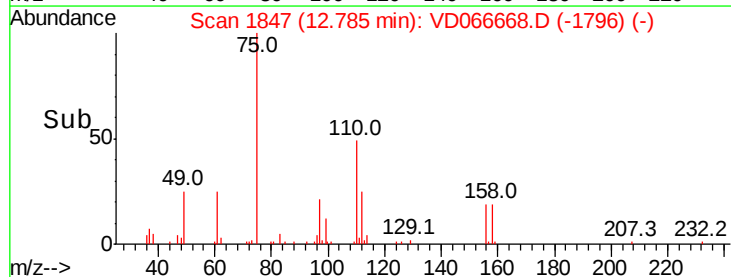
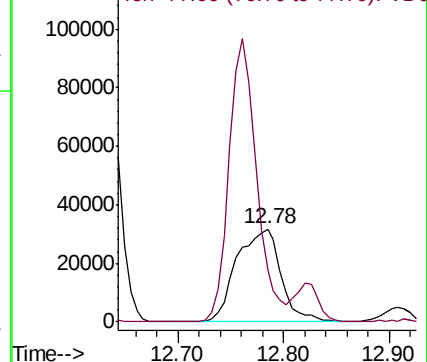
Ion Ratio Lower Upper

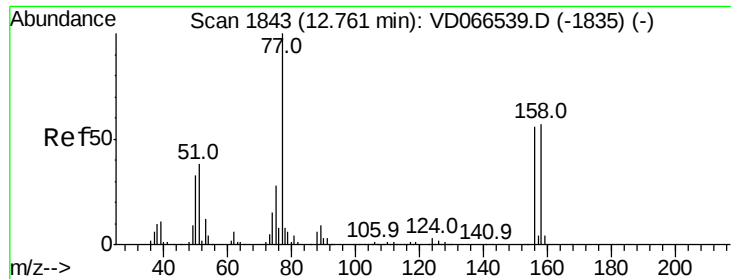
75 100

77 0.0 0.0 0.0



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

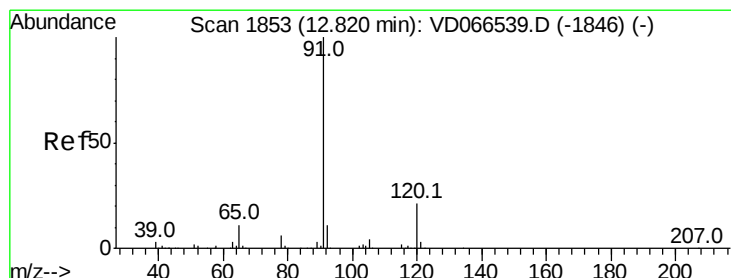
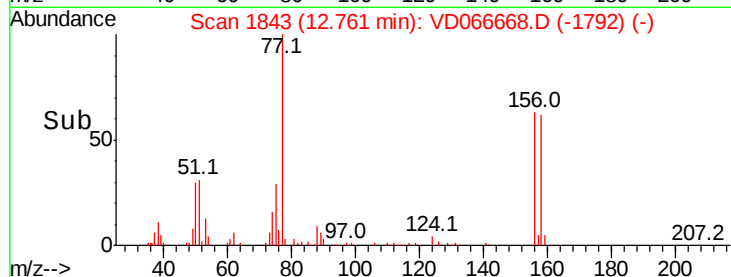
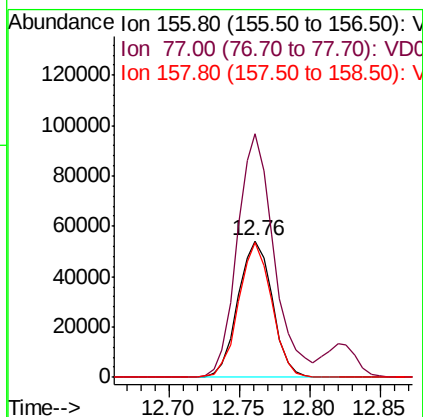
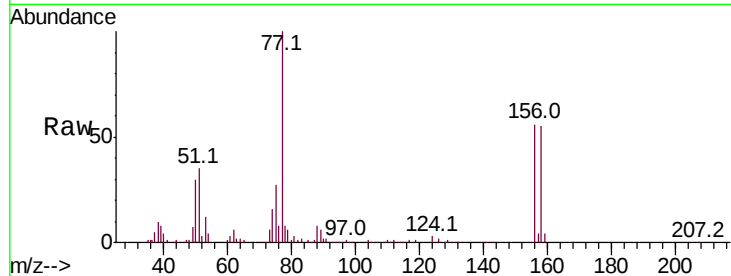




#77
Bromobenzene
Concen: 21.371 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

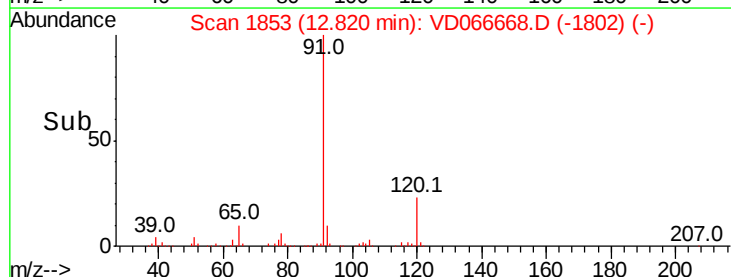
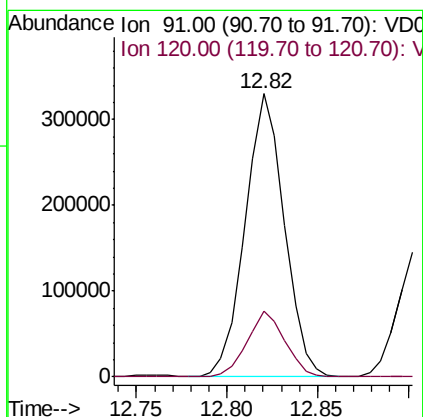
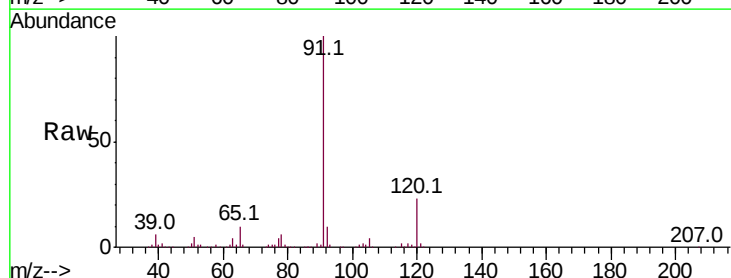
Instrument :
MSVOA_D
ClientSampleId :

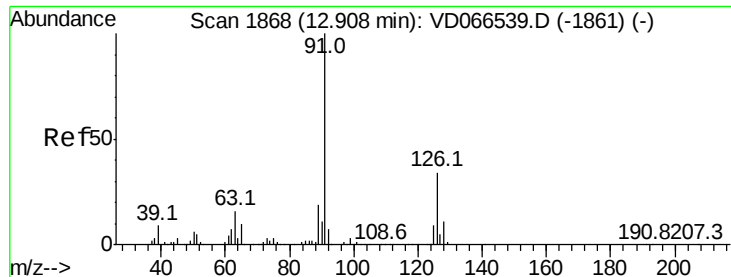
Tot Ion:156 Resp: 92291
Ion Ratio Lower Upper
156 100
77 190.8 98.0 294.1
158 95.0 48.1 144.3



#78
n-propylbenzene
Concen: 21.018 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 91 Resp: 493546
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1





#79

2-Chlorotoluene

Concen: 21.228 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

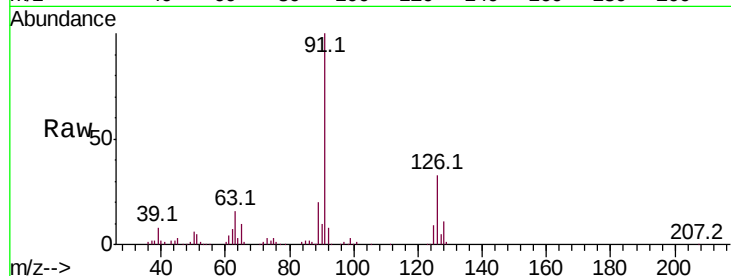
ClientSampleId :

Tot Ion: 91 Resp: 279649

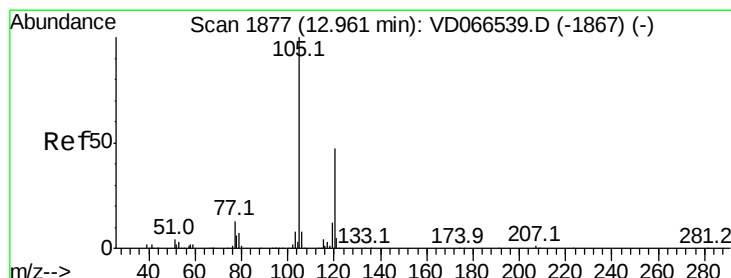
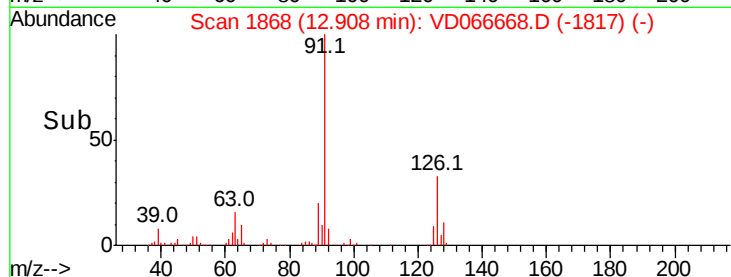
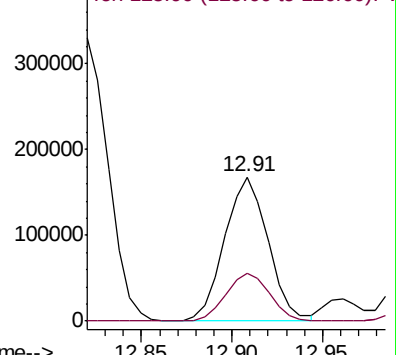
Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.409 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066668.D

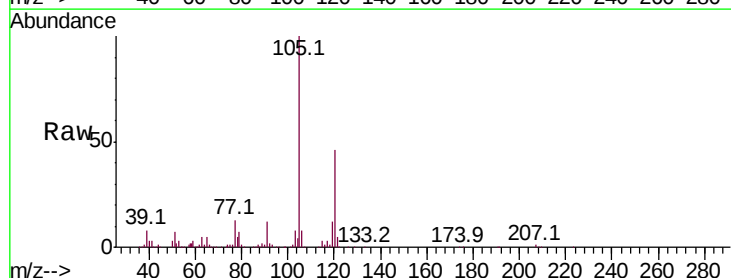
Acq: 14 Sep 2020 12:53

Tgt Ion:105 Resp: 349037

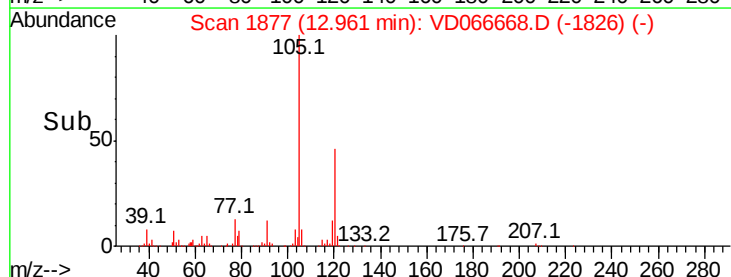
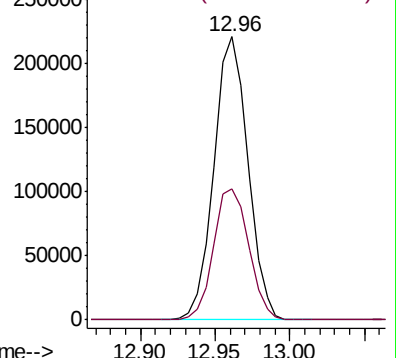
Ion Ratio Lower Upper

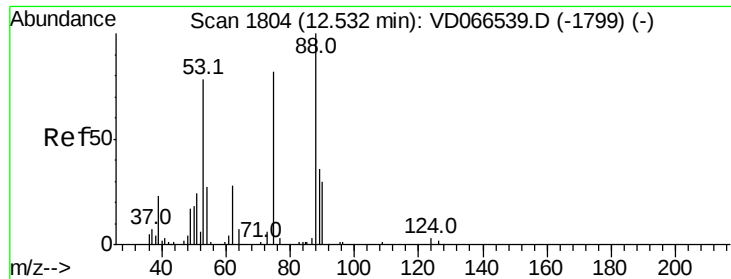
105 100

120 48.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.842 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

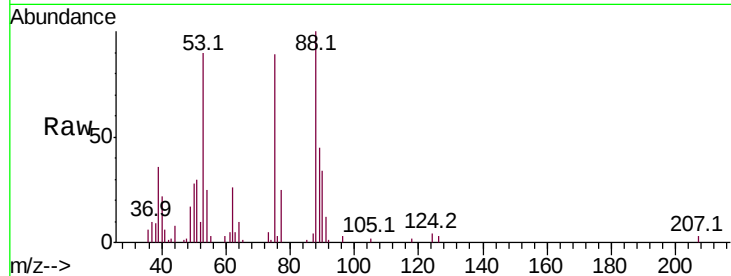
Tot Ion: 75 Resp: 21384

Ion Ratio Lower Upper

75 100

53 103.8 87.0 130.4

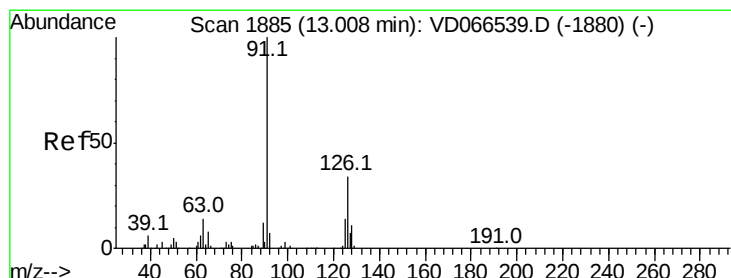
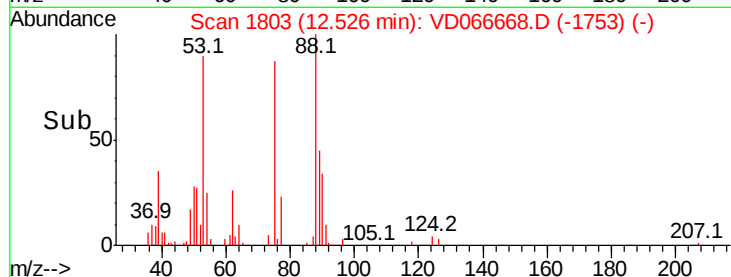
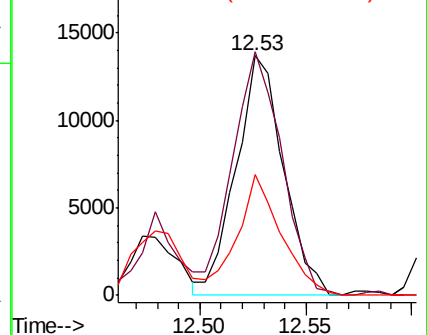
89 46.1 37.1 55.7



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: 21.168 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066668.D

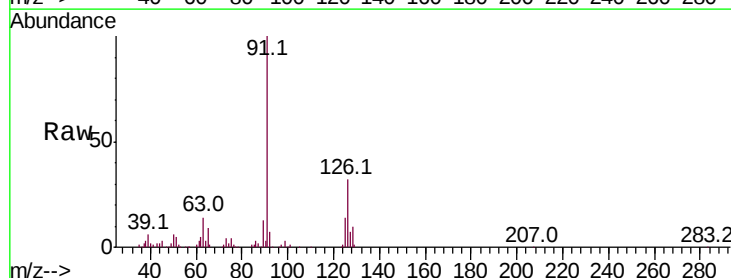
Acq: 14 Sep 2020 12:53

Tgt Ion: 91 Resp: 298192

Ion Ratio Lower Upper

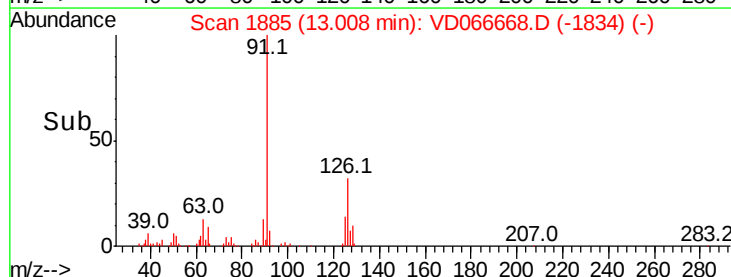
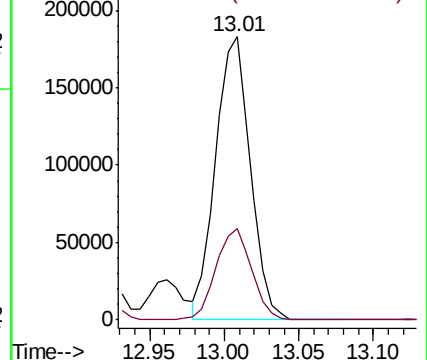
91 100

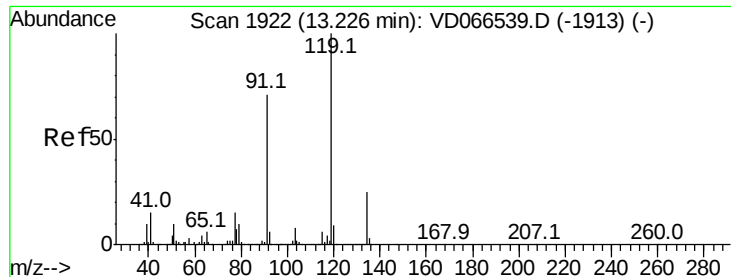
126 32.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

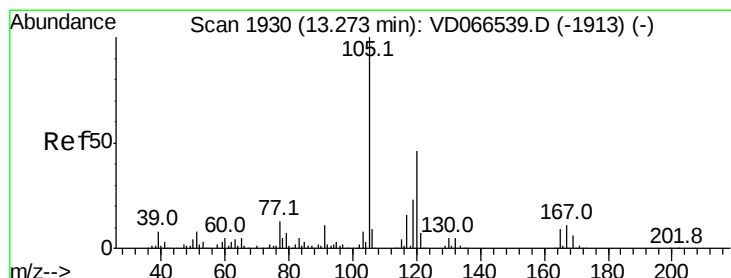
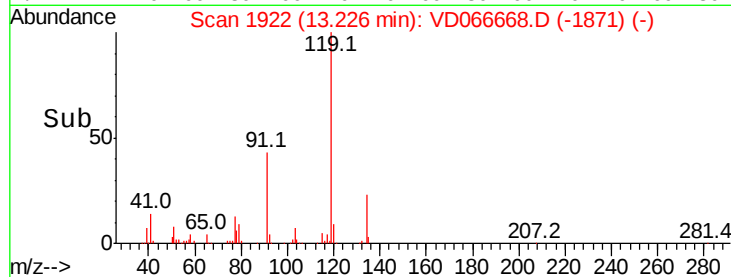
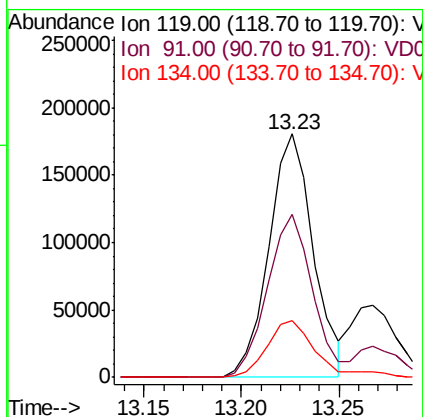
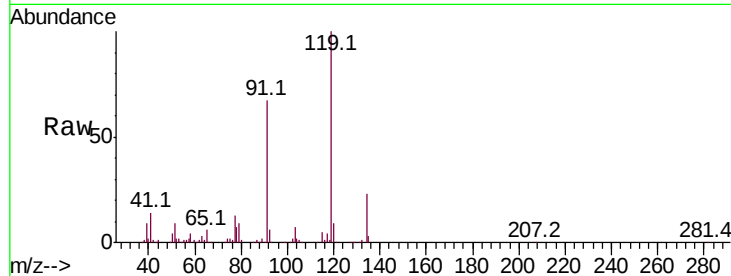




#83
tert-Butylbenzene
Concen: 21.400 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

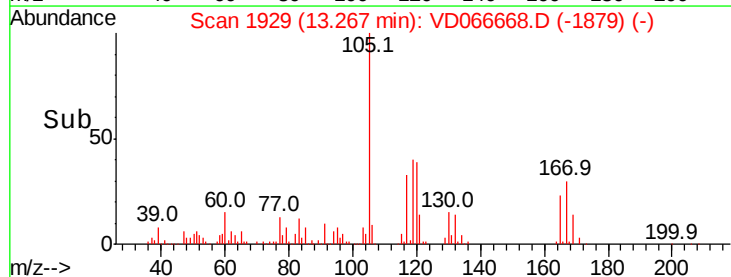
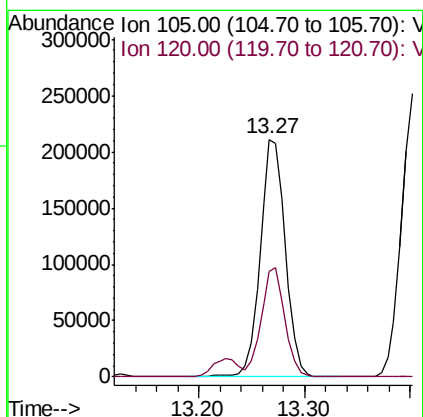
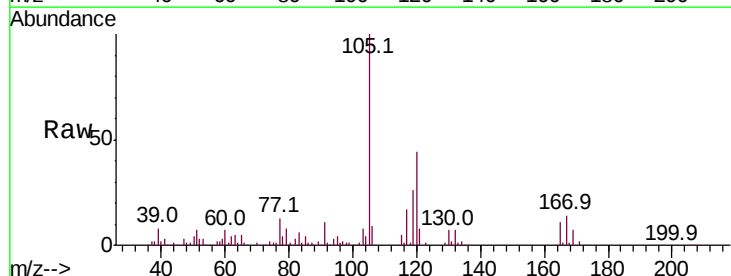
Instrument :
MSVOA_D
ClientSampled :

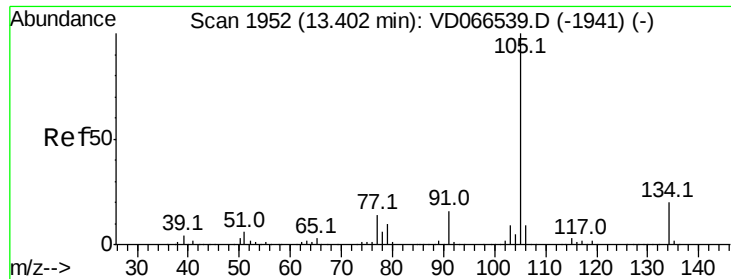
Tot Ion:119 Resp: 284909
Ion Ratio Lower Upper
119 100
91 68.9 35.2 105.6
134 26.0 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 21.440 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion:105 Resp: 348015
Ion Ratio Lower Upper
105 100
120 43.0 22.6 67.7

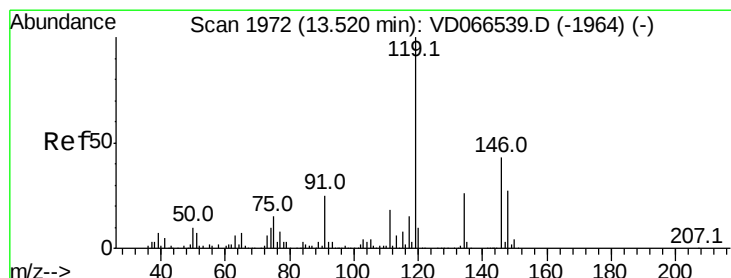
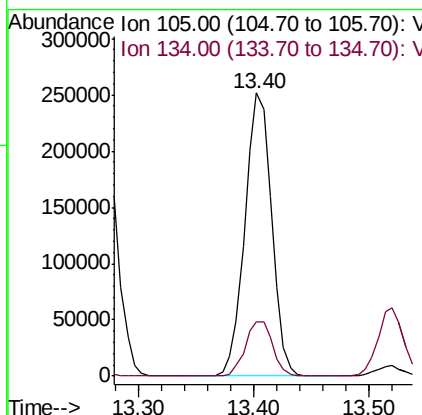
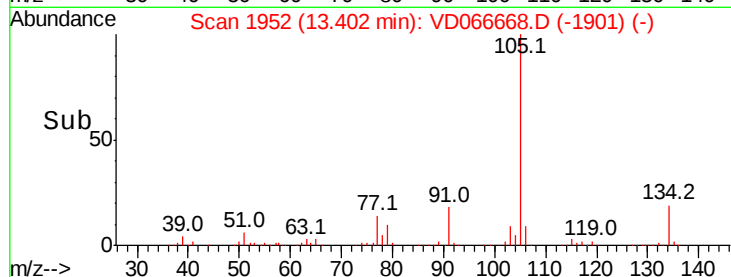
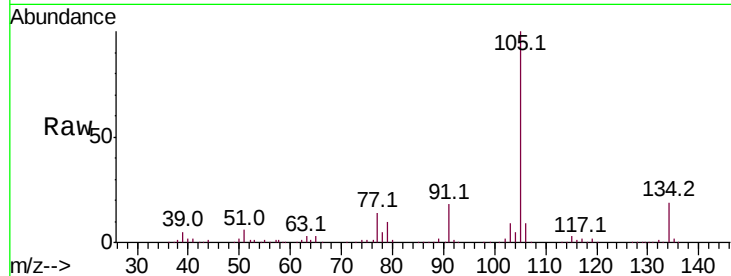




#85
 sec-Butylbenzene
 Concen: 21.157 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

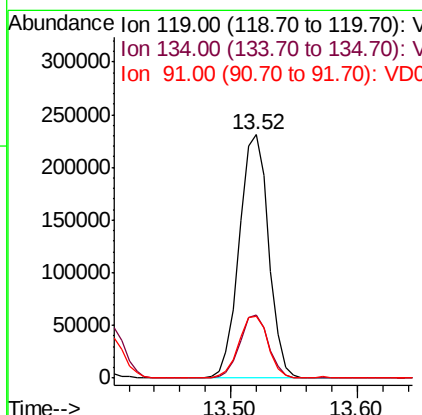
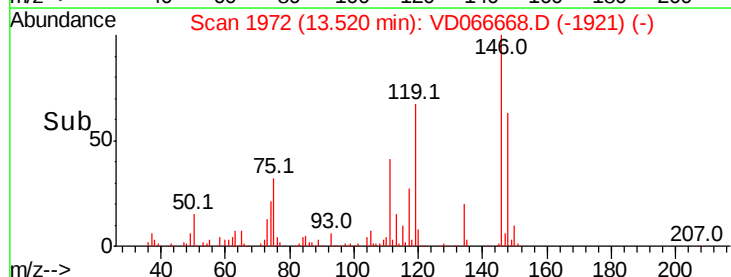
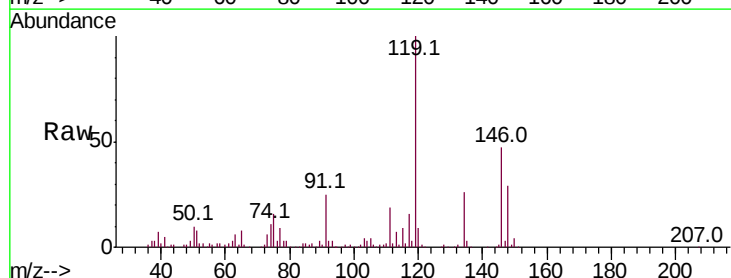
Instrument :
 MSVOA_D
 ClientSampled :

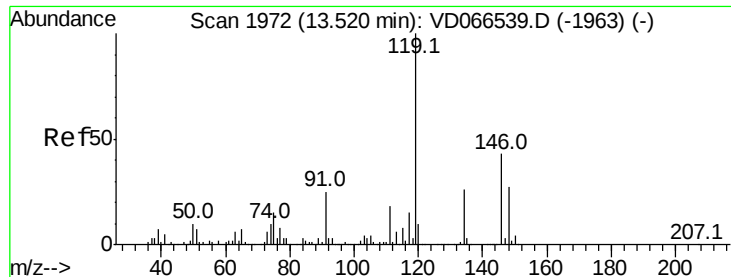
Tot Ion:105 Resp: 405816
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.397 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion:119 Resp: 369405
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 25.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.059 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

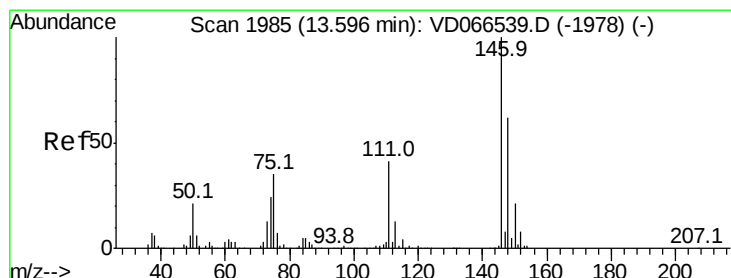
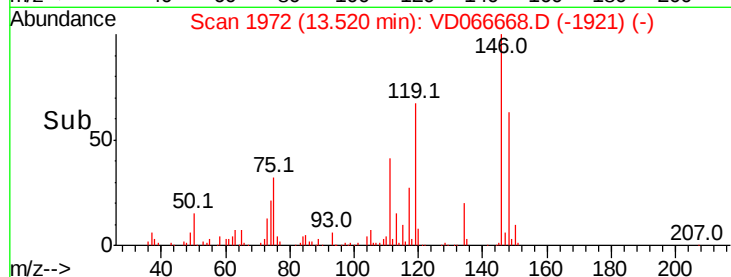
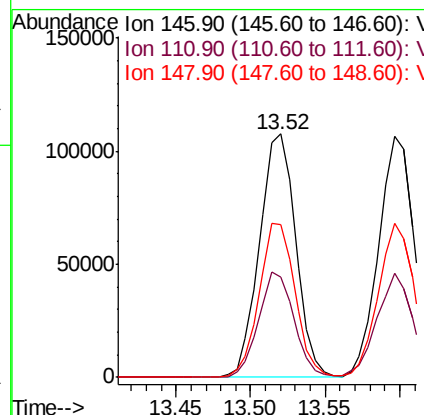
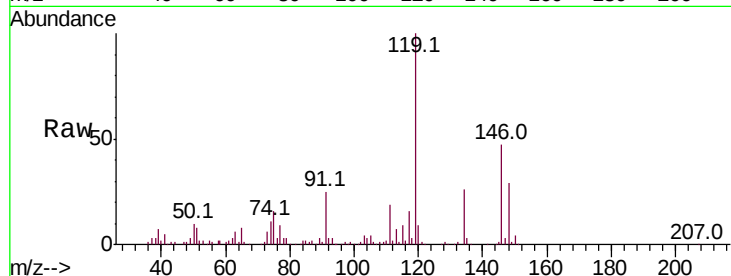
Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:146 Resp: 180547

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.9
148	62.7	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 20.509 ug/l

RT: 13.60 min Scan# 1985

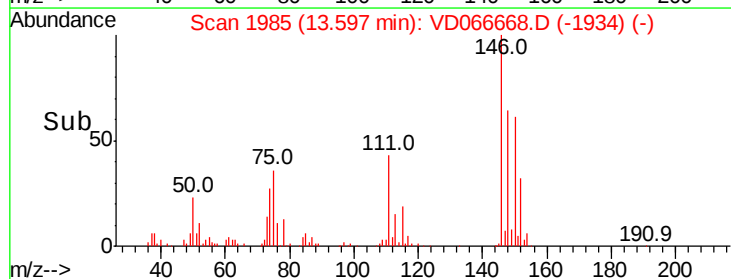
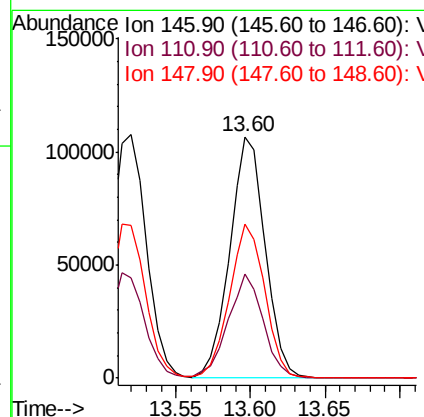
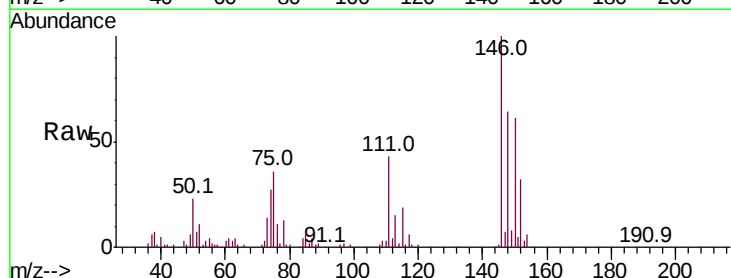
Delta R.T. 0.00 min

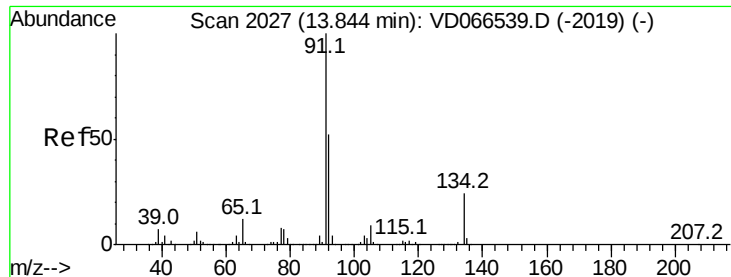
Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:146 Resp: 176484

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.1	60.2
148	64.0	31.6	94.8

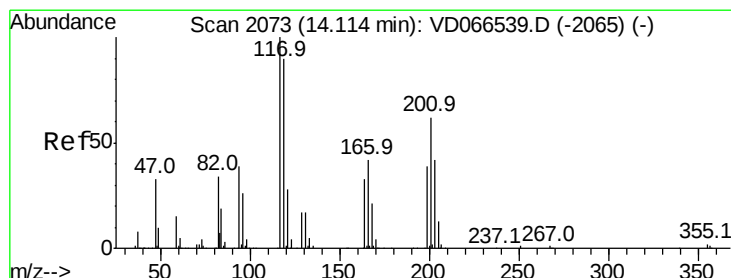
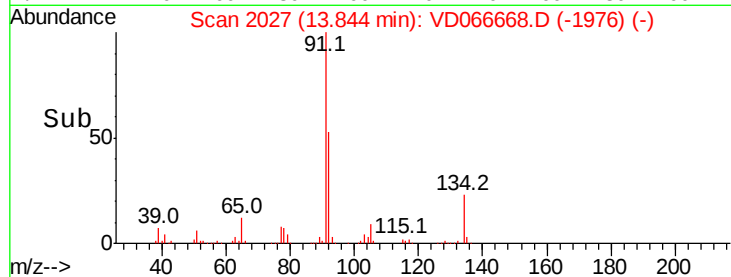
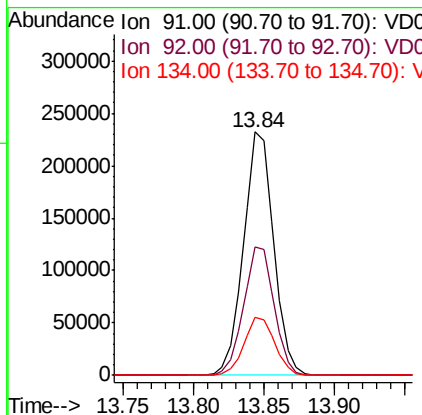
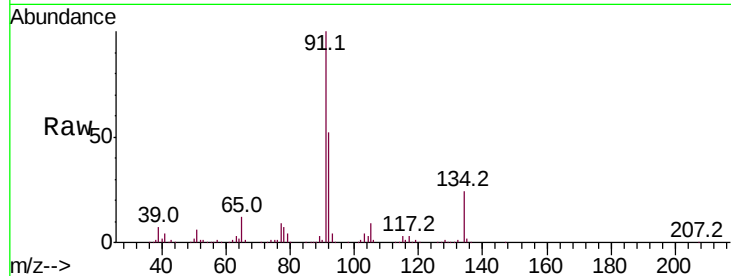




#89
n-Butylbenzene
Concen: 20.679 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

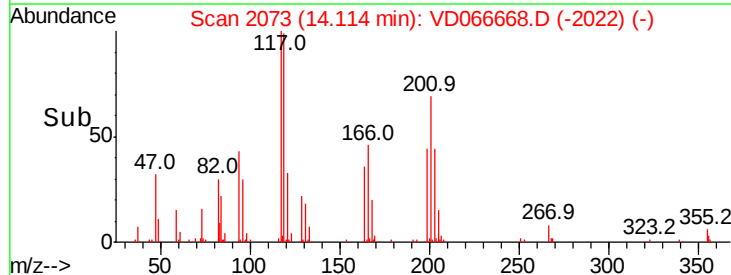
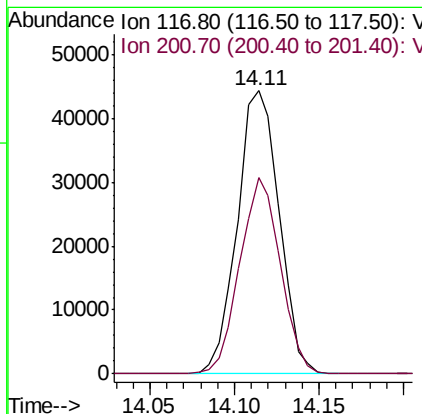
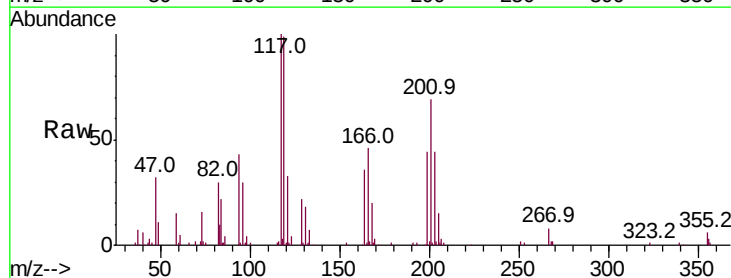
Instrument :
MSVOA_D
ClientSampleId :

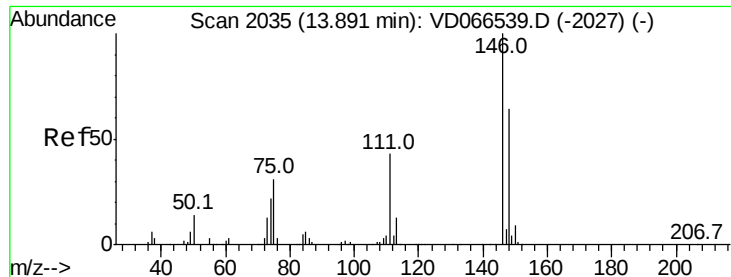
Tot Ion: 91 Resp: 347902
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 24.3 12.1 36.3



#90
Hexachloroethane
Concen: 20.571 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 117 Resp: 76522
Ion Ratio Lower Upper
117 100
201 67.1 31.9 95.5

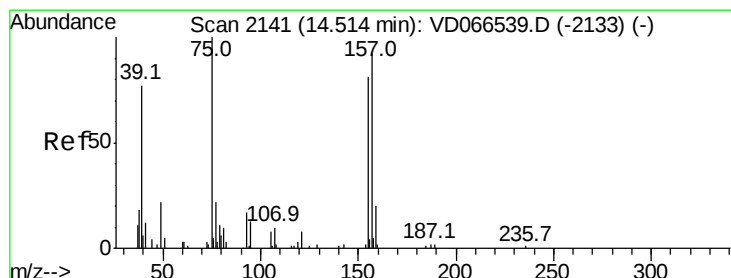
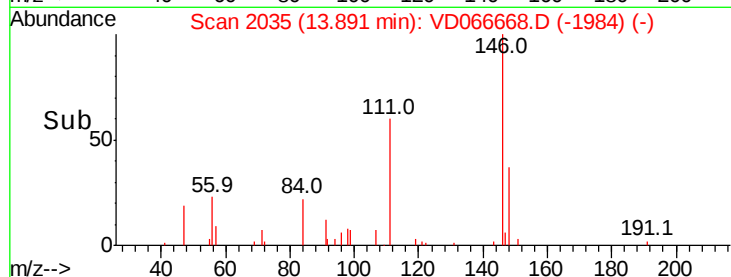
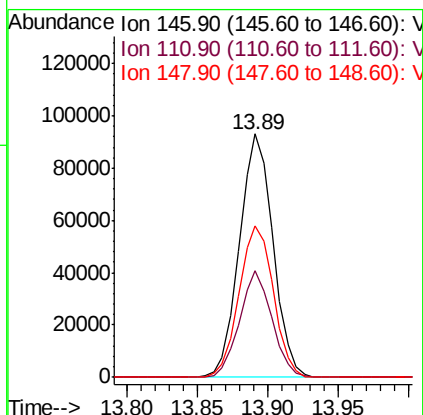
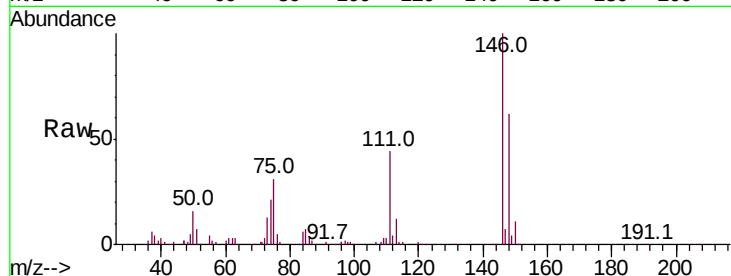




#91
 1,2-Dichlorobenzene
 Concen: 20.665 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

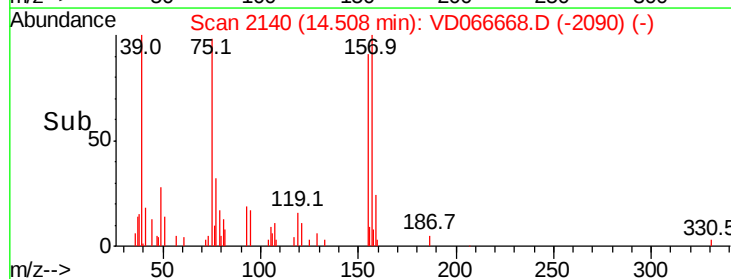
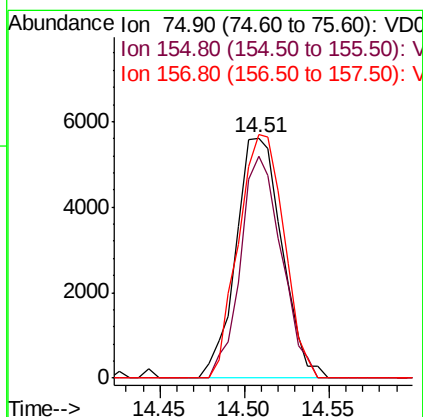
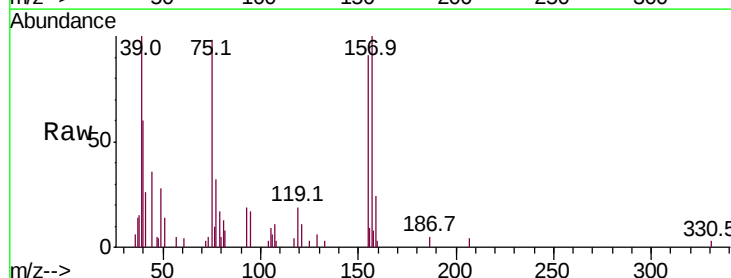
Instrument :
 MSVOA_D
 ClientSampled :

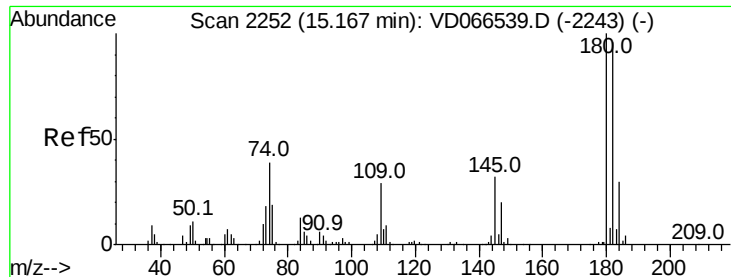
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	63.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.310 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	39.3	117.8
157	100.5	46.0	137.8

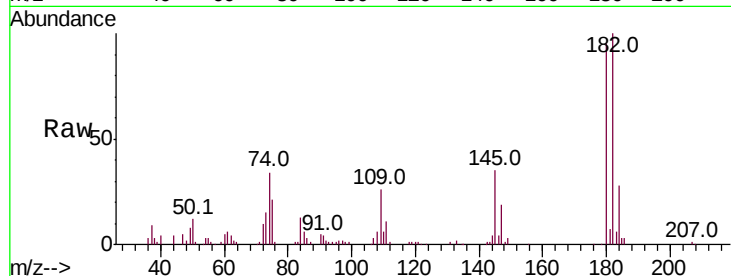




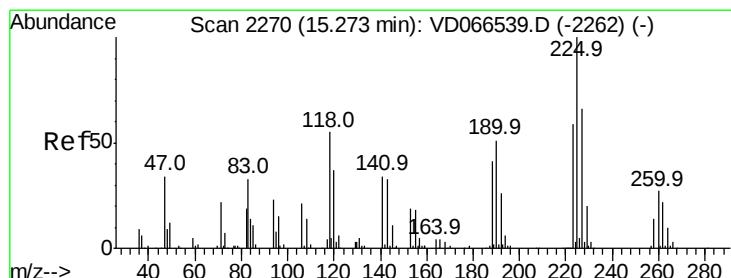
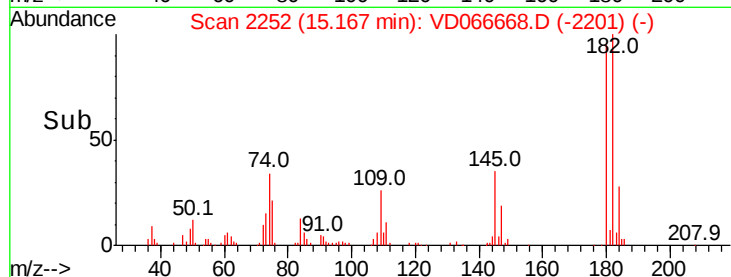
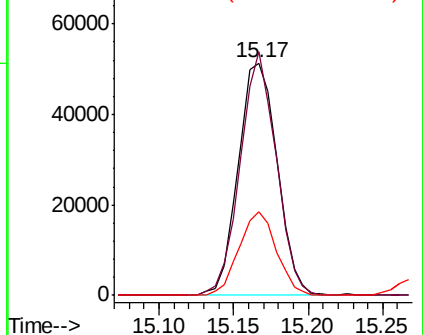
#93
 1,2,4-Trichlorobenzene
 Concen: 20.681 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.0
145	34.5	16.7	50.0

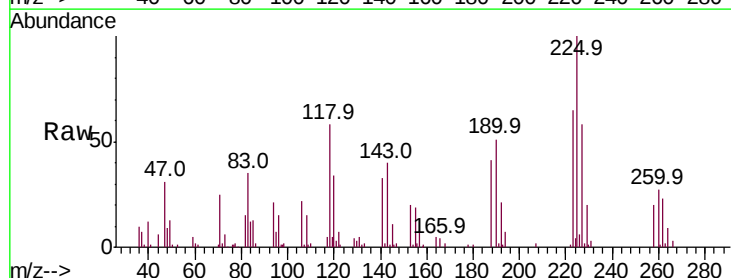


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

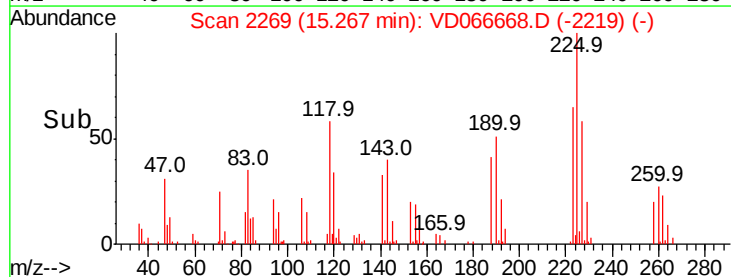
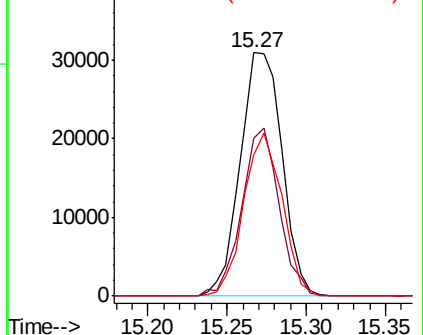


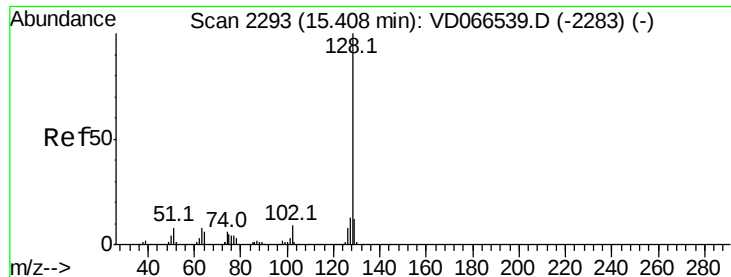
#94
 Hexachlorobutadiene
 Concen: 21.068 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.5	91.5
227	61.3	32.4	97.2



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





#95

Naphthalene

Concen: 20.386 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

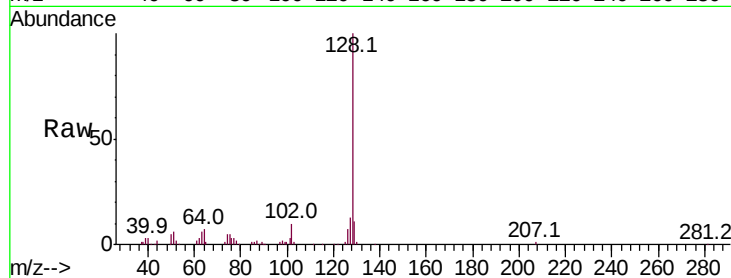
Tot Ion:128 Resp: 160211

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

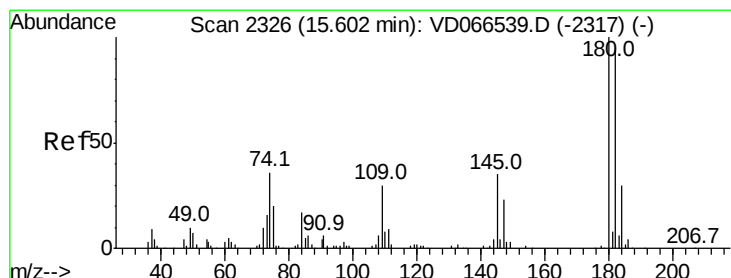
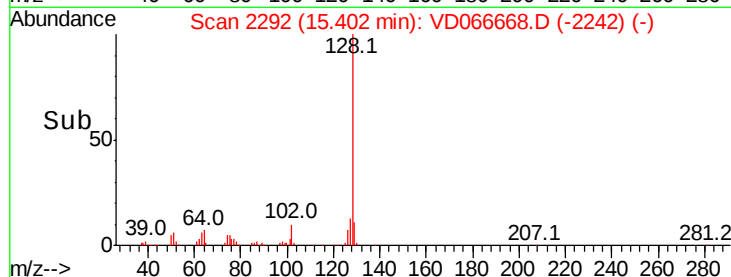
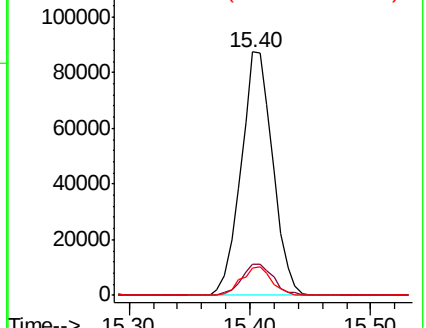
129 11.2 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.281 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

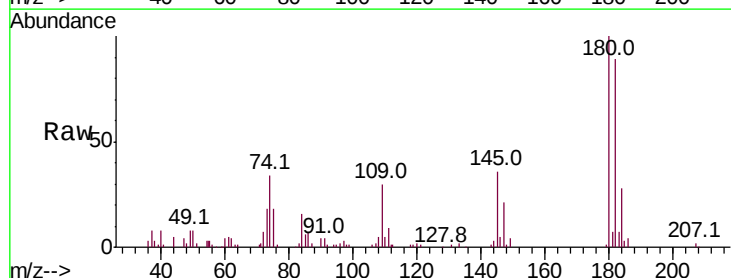
Tgt Ion:180 Resp: 81597

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.6

145 36.1 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

