

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064195.D
 Acq On : 12 Nov 2019 14:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 04:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	606868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	875160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	757301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	376344	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	258665	51.82	ug/l	0.00
Spiked Amount						
			Recovery	=	103.64%	
35) Dibromofluoromethane	7.92	113	253770	50.52	ug/l	0.00
Spiked Amount						
			Recovery	=	101.04%	
50) Toluene-d8	10.34	98	983461	51.89	ug/l	0.00
Spiked Amount						
			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.64	95	323251	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	225162	44.735	ug/l	100
3) Chloromethane	2.21	50	283441	52.502	ug/l	98
4) Vinyl Chloride	2.35	62	316066	54.747	ug/l	97
5) Bromomethane	2.77	94	200408	54.973	ug/l	96
6) Chloroethane	2.93	64	209261	56.726	ug/l	98
7) Trichlorofluoromethane	3.27	101	516402	55.170	ug/l	98
8) Diethyl Ether	3.71	74	129547	50.336	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.08	101	253298	47.347	ug/l	99
10) Methyl Iodide	4.30	142	271080	44.617	ug/l	99
11) Tert butyl alcohol	5.26	59	81036	232.456	ug/l	95
12) 1,1-Dichloroethene	4.06	96	249452	48.918	ug/l	97
13) Acrolein	3.93	56	70133	237.808	ug/l	97
14) Allyl chloride	4.71	41	435929	48.350	ug/l	96
15) Acrylonitrile	5.43	53	268315	244.548	ug/l	99
16) Acetone	4.17	43	317424	268.457	ug/l	96
17) Carbon Disulfide	4.40	76	780713	49.162	ug/l	99
18) Methyl Acetate	4.73	43	154063	46.651	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	605003	49.698	ug/l	97
20) Methylene Chloride	4.96	84	279900	46.863	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	288031	49.855	ug/l	98
22) Diisopropyl ether	6.37	45	843213	50.405	ug/l	98
23) Vinyl Acetate	6.31	43	2416126	259.101	ug/l	100
24) 1,1-Dichloroethane	6.27	63	490737	50.523	ug/l	100
25) 2-Butanone	7.23	43	383770	251.224	ug/l	99
26) 2,2-Dichloropropane	7.21	77	460910	48.387	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	311162	50.223	ug/l	98
28) Bromochloromethane	7.55	49	182010	53.823	ug/l	99
29) Tetrahydrofuran	7.57	42	229269	249.799	ug/l	98
30) Chloroform	7.71	83	516657	52.001	ug/l	100
31) Cyclohexane	7.98	56	436638	44.573	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	468002	49.193	ug/l	99
36) 1,1-Dichloropropene	8.11	75	392739	48.624	ug/l	99
37) Ethyl Acetate	7.30	43	162824	47.818	ug/l	97
38) Carbon Tetrachloride	8.10	117	414780	47.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	477607	46.731	ug/l	98
40) Benzene	8.35	78	1094634	49.588	ug/l	98
41) Methacrylonitrile	7.53	41	93804	43.831	ug/l #	92
42) 1,2-Dichloroethane	8.43	62	323833	48.845	ug/l	100
43) Isopropyl Acetate	8.46	43	341030	48.609	ug/l	98
44) Trichloroethene	9.11	130	322809	48.724	ug/l	97
45) 1,2-Dichloropropane	9.39	63	268659	50.003	ug/l	100
46) Dibromomethane	9.48	93	144463	50.223	ug/l	99
47) Bromodichloromethane	9.67	83	390146	50.355	ug/l	98
48) Methyl methacrylate	9.46	41	156493	45.617	ug/l	94
49) 1,4-Dioxane	9.47	88	35083	1015.558	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	809872	240.719	ug/l	99
52) Toluene	10.41	92	711797	49.038	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	376877	48.553	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	443666	48.981	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	198018	50.747	ug/l	99
56) Ethyl methacrylate	10.67	69	267274	48.965	ug/l	98
57) 1,3-Dichloropropane	10.95	76	338499	49.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	513958	232.446	ug/l	98
59) 2-Hexanone	10.99	43	584686	244.273	ug/l	100
60) Dibromochloromethane	11.14	129	270469	49.675	ug/l	99
61) 1,2-Dibromoethane	11.25	107	193671	49.554	ug/l	100
64) Tetrachloroethene	10.88	164	278581	47.830	ug/l	99
65) Chlorobenzene	11.67	112	760092	49.357	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	290504	49.611	ug/l	100
67) Ethyl Benzene	11.75	91	1385933	49.754	ug/l	99
68) m/p-Xylenes	11.85	106	1046245	97.990	ug/l	100
69) o-Xylene	12.18	106	489211	49.404	ug/l	98
70) Styrene	12.20	104	846883	48.995	ug/l	100
71) Bromoform	12.37	173	163355	49.019	ug/l #	96
73) Isopropylbenzene	12.48	105	1316260	47.650	ug/l	100
74) N-amyl acetate	12.29	43	310265	47.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	200553	48.182	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	277074	91.403	ug/l #	100
77) Bromobenzene	12.77	156	321716	47.939	ug/l	99
78) n-propylbenzene	12.83	91	1519399	48.143	ug/l	100
79) 2-Chlorotoluene	12.91	91	843832	47.358	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1091869	48.104	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	68844	45.112	ug/l	98
82) 4-Chlorotoluene	13.01	91	886232	47.686	ug/l	100
83) tert-Butylbenzene	13.23	119	947239	47.327	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1085798	48.453	ug/l	99
85) sec-Butylbenzene	13.41	105	1272412	47.334	ug/l	100
86) p-Isopropyltoluene	13.53	119	1219880	47.733	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	608942	48.882	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	600761	49.412	ug/l	100
89) n-Butylbenzene	13.85	91	1097798	47.547	ug/l	99
90) Hexachloroethane	14.12	117	231383	48.990	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	519144	49.236	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	32862	44.157	ug/l	95

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QLast Update : Tue Nov 12 02:43:24 2019
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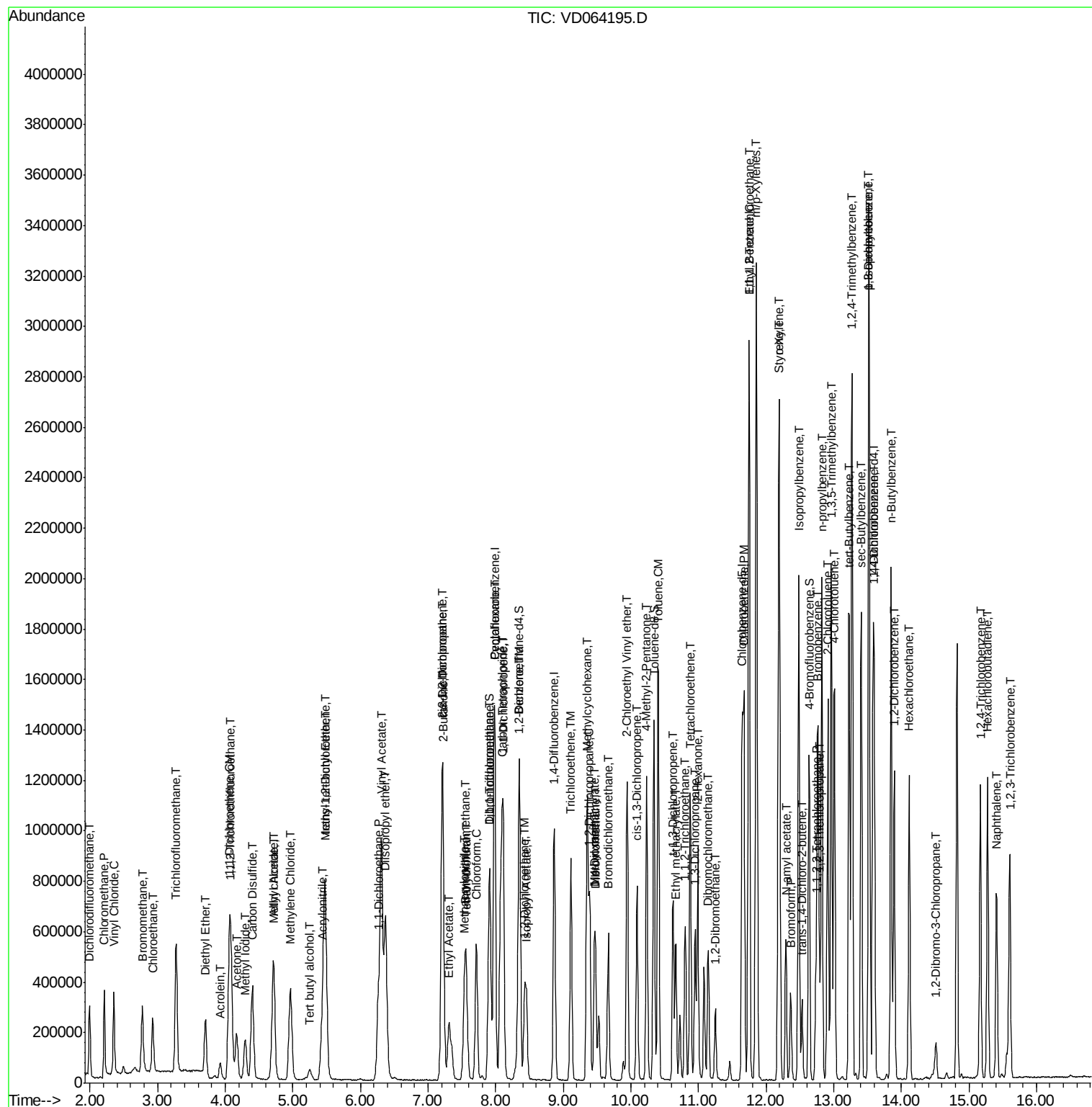
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	404086	49.680	ug/l	100
94) Hexachlorobutadiene	15.28	225	253196	48.194	ug/l	99
95) Naphthalene	15.41	128	666487	49.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	341447	49.385	ug/l	99

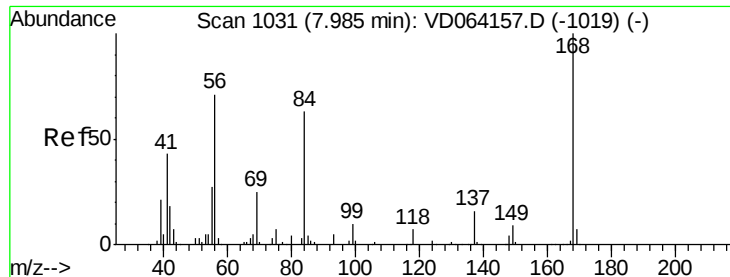
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

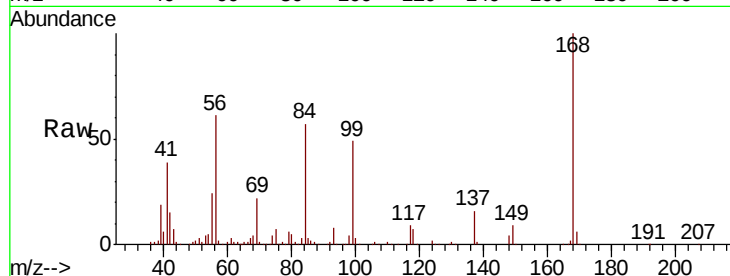
ClientSampleId :

Tot Ion:168 Resp: 606868

Ion Ratio Lower Upper

168 100

99 48.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

100000

50000

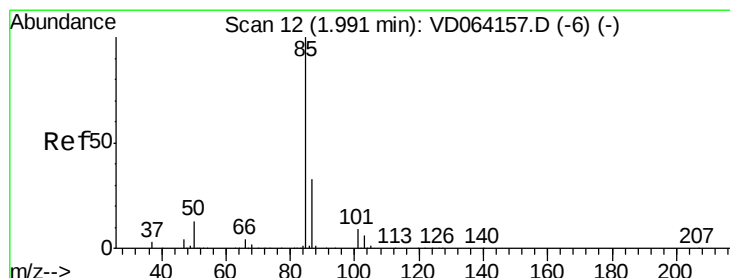
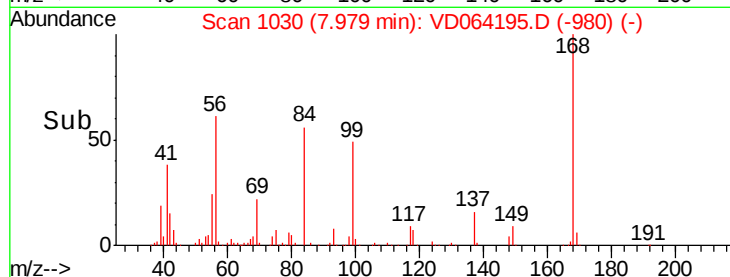
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.735 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064195.D

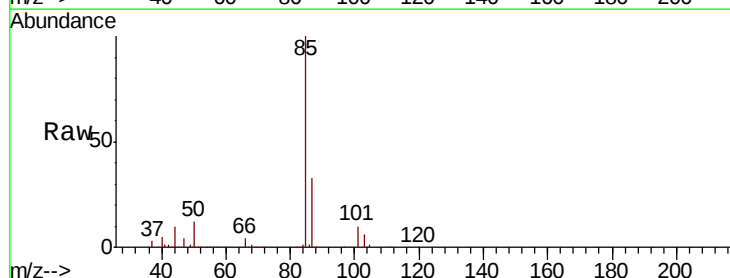
Acq: 12 Nov 2019 14:35

Tgt Ion: 85 Resp: 225162

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

100000

50000

0

1.90

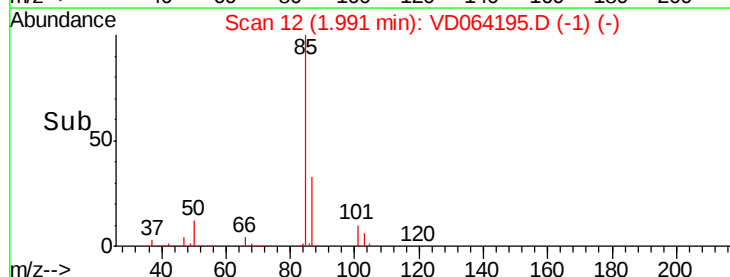
1.95

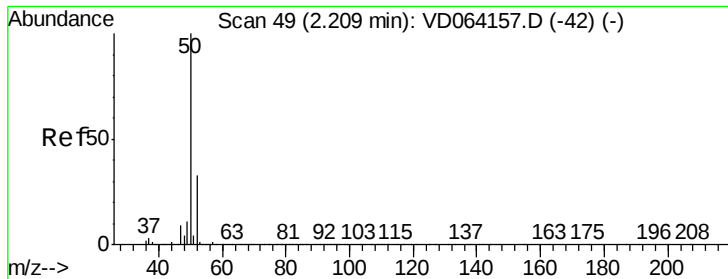
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 52.502 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

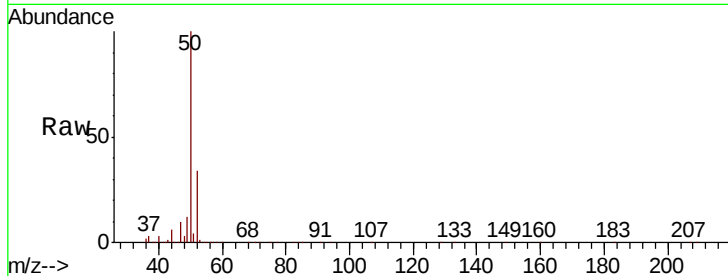
ClientSampleId :

Tot Ion: 50 Resp: 283441

Ion Ratio Lower Upper

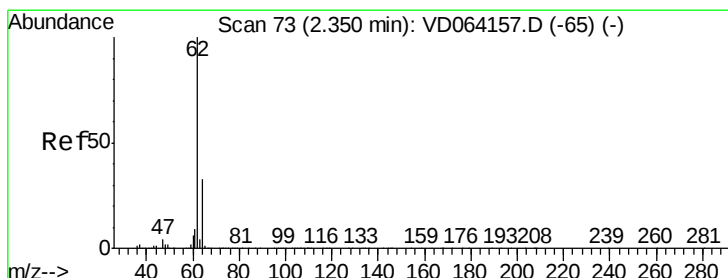
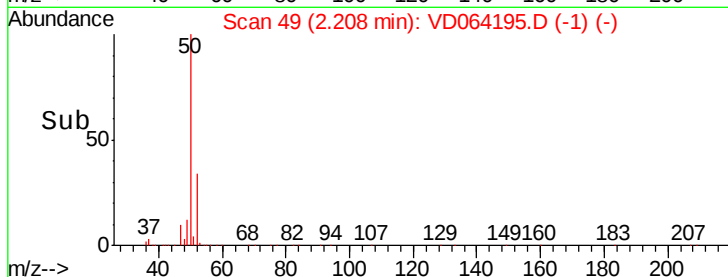
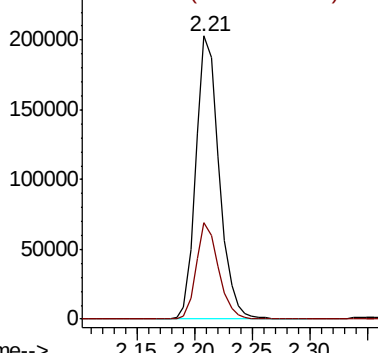
50 100

52 34.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 54.747 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064195.D

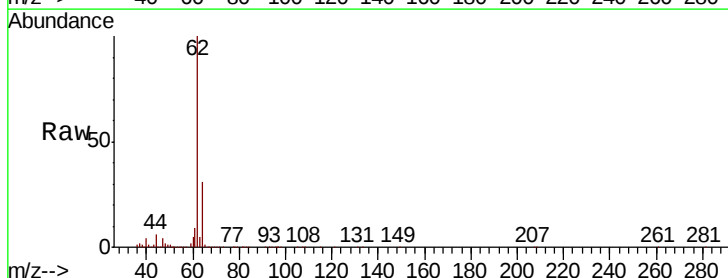
Acq: 12 Nov 2019 14:35

Tgt Ion: 62 Resp: 316066

Ion Ratio Lower Upper

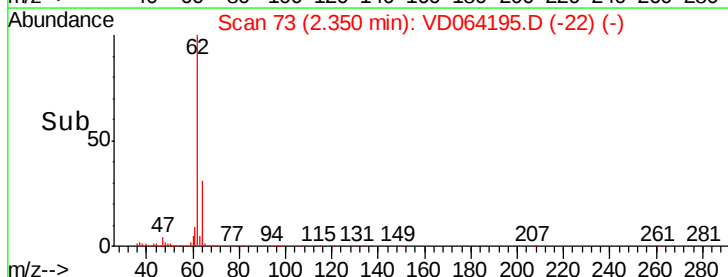
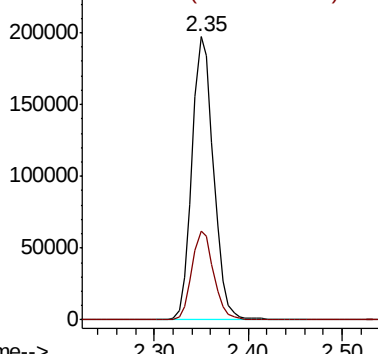
62 100

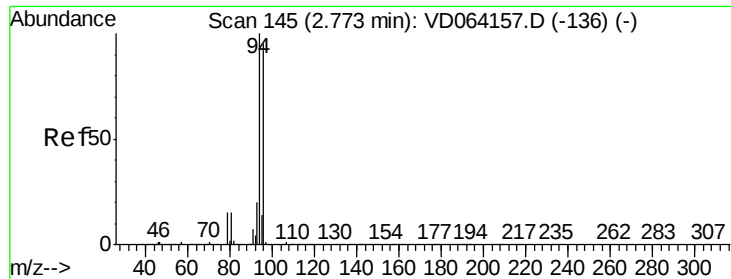
64 31.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 54.973 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

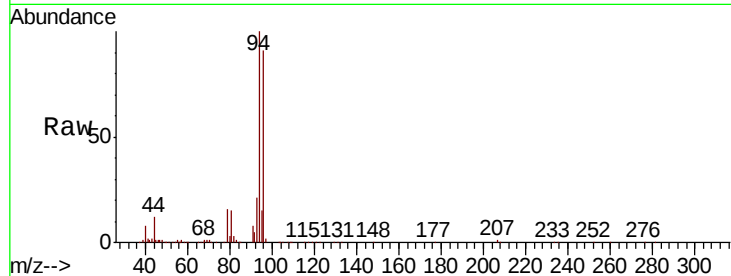
ClientSampleId :

Tot Ion: 94 Resp: 200408

Ion Ratio Lower Upper

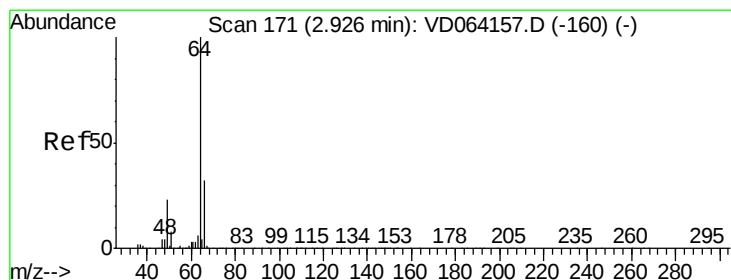
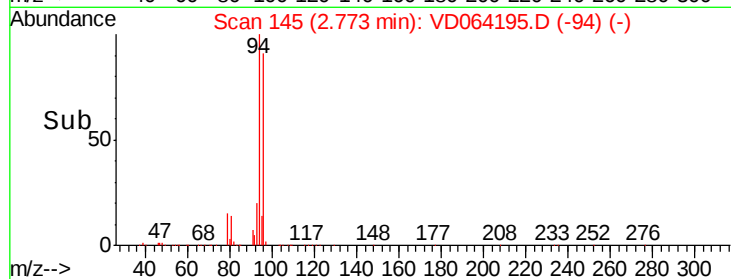
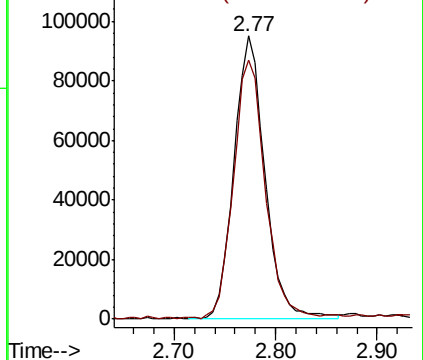
94 100

96 91.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 56.726 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD064195.D

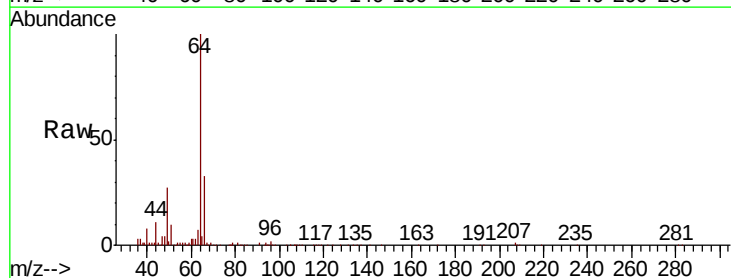
Acq: 12 Nov 2019 14:35

Tgt Ion: 64 Resp: 209261

Ion Ratio Lower Upper

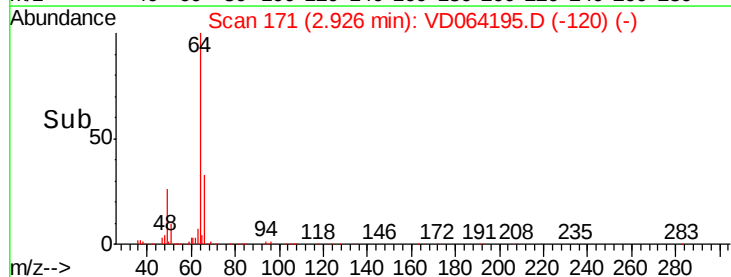
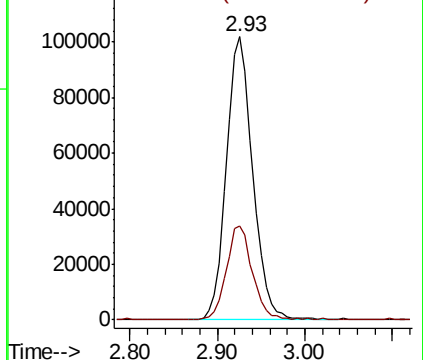
64 100

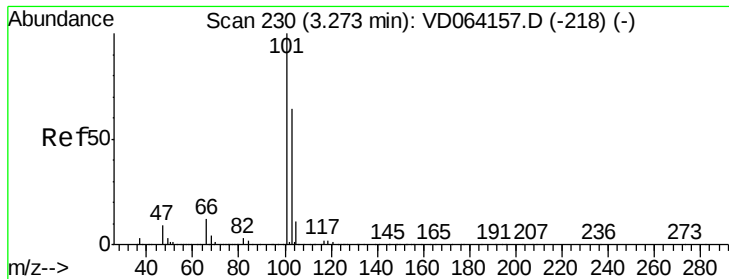
66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



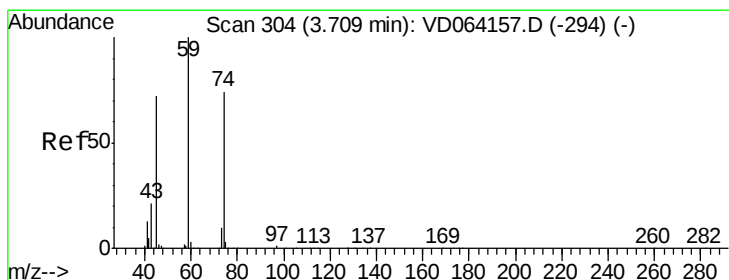
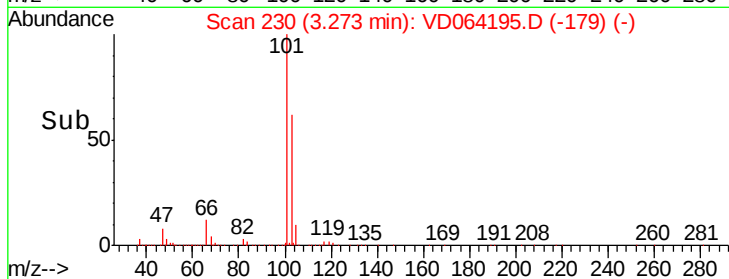
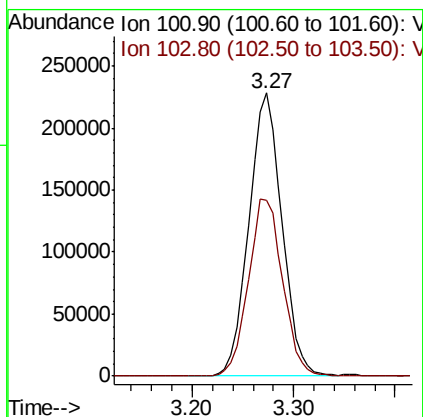
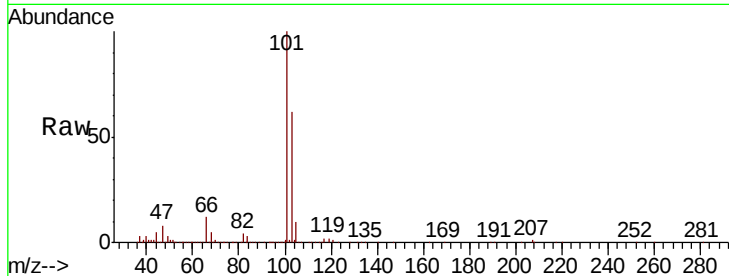


#7

Trichlorofluoromethane
 Concen: 55.170 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Instrument :
 MSVOA_D
 ClientSampled :

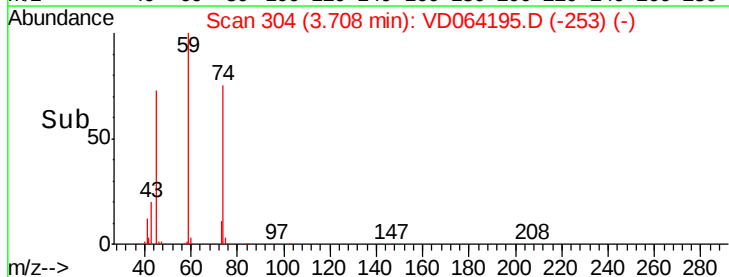
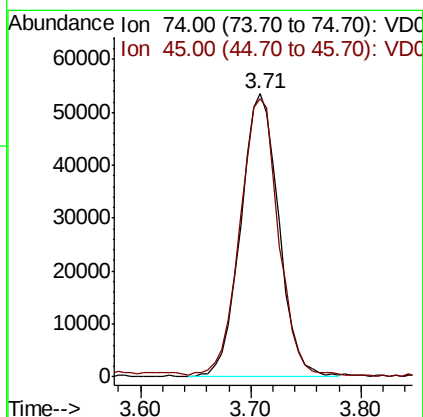
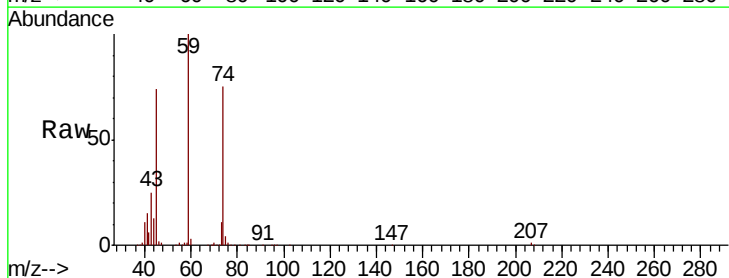
Tot Ion:101 Resp: 516402
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.8 76.2



#8

Diethyl Ether
 Concen: 50.336 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion: 74 Resp: 129547
 Ion Ratio Lower Upper
 74 100
 45 100.6 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.347 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

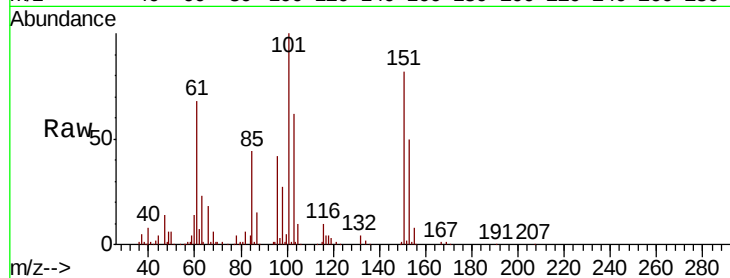
Tot Ion:101 Resp: 253298

Ion Ratio Lower Upper

101 100

85 44.9 34.4 51.6

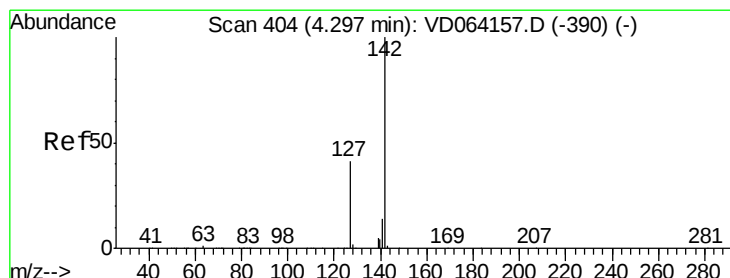
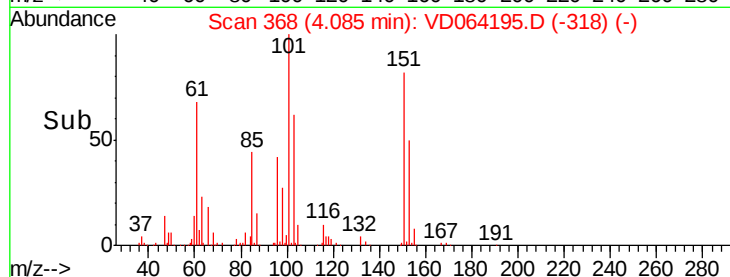
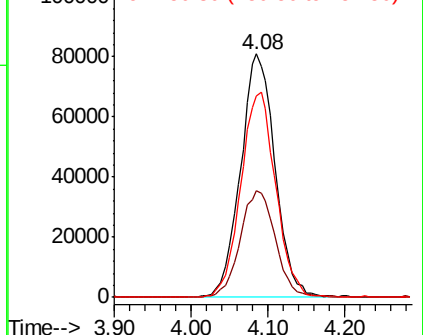
151 85.6 68.1 102.1



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: 44.617 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

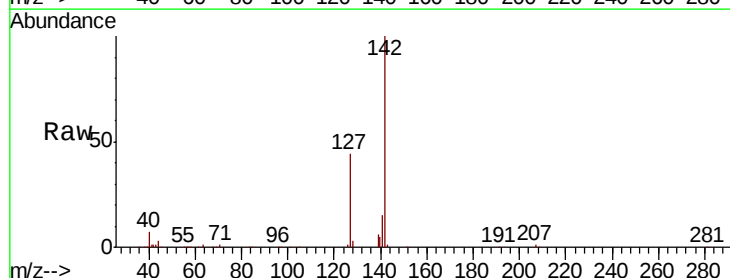
Tgt Ion:142 Resp: 271080

Ion Ratio Lower Upper

142 100

127 43.5 34.4 51.6

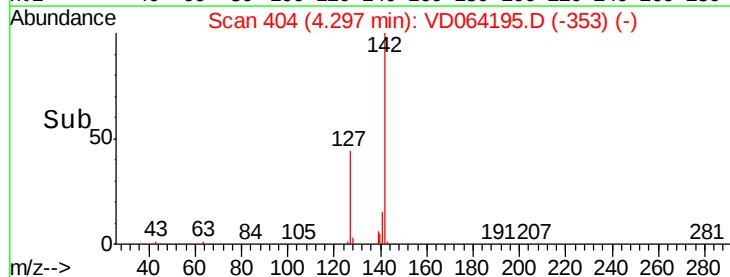
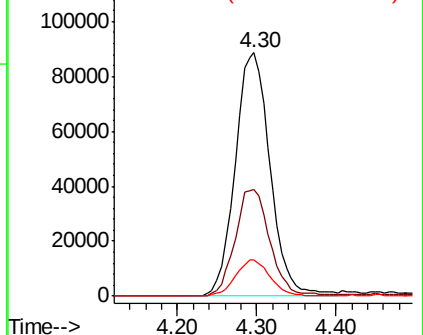
141 14.6 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



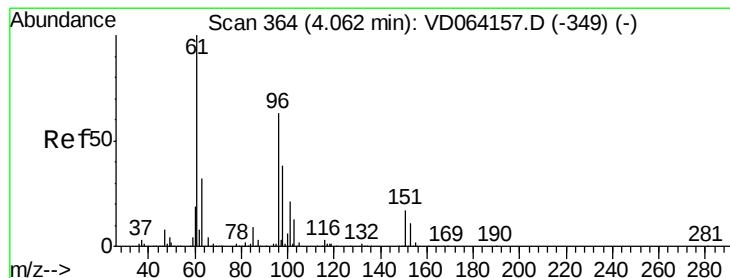
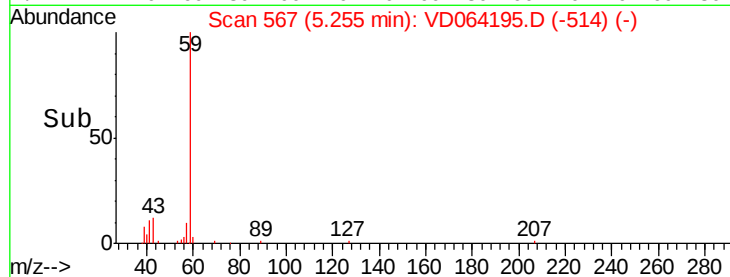
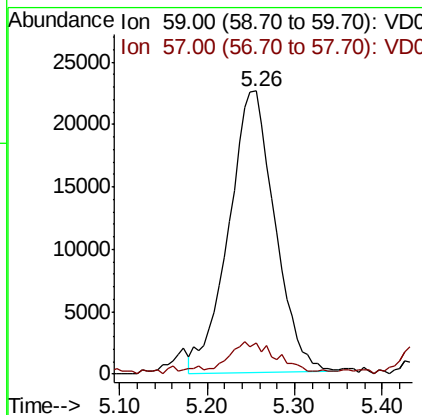
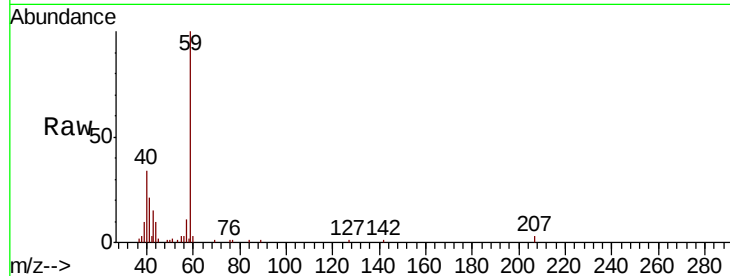


#11

Tert butyl alcohol
 Concen: 232.456 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Instrument :
 MSVOA_D
 ClientSampled :

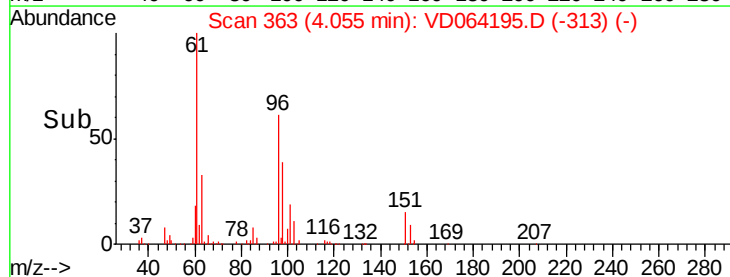
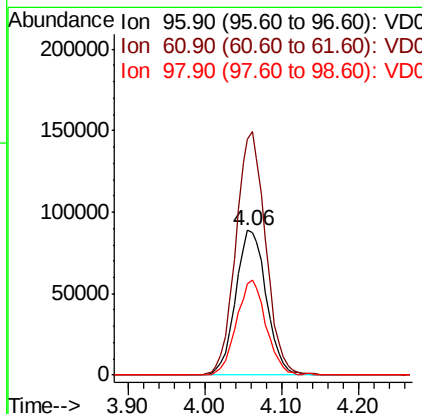
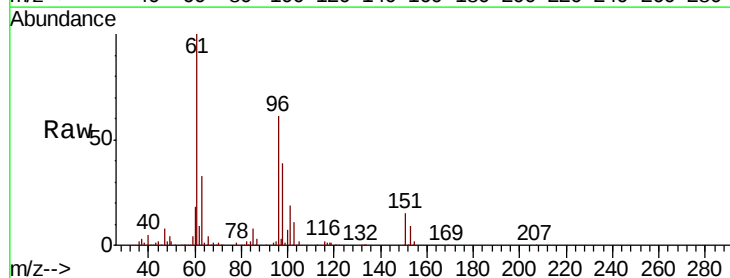
Tot Ion: 59 Resp: 81036
 Ion Ratio Lower Upper
 59 100
 57 10.0 9.4 14.2

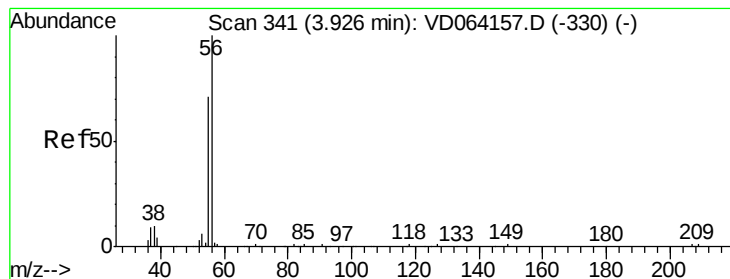


#12

1,1-Dichloroethene
 Concen: 48.918 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion: 96 Resp: 249452
 Ion Ratio Lower Upper
 96 100
 61 163.3 127.4 191.2
 98 62.9 48.1 72.1





#13

Acrolein

Concen: 237.808 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

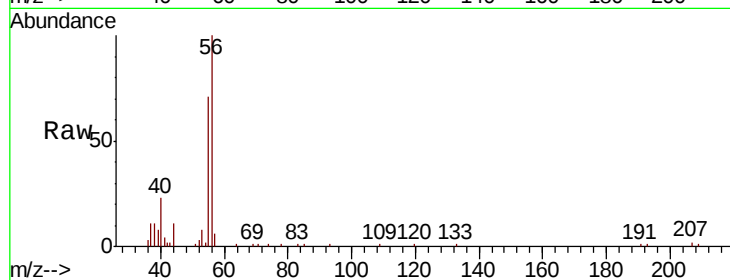
ClientSampleId :

Tot Ion: 56 Resp: 70133

Ion Ratio Lower Upper

56 100

55 72.6 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

30000

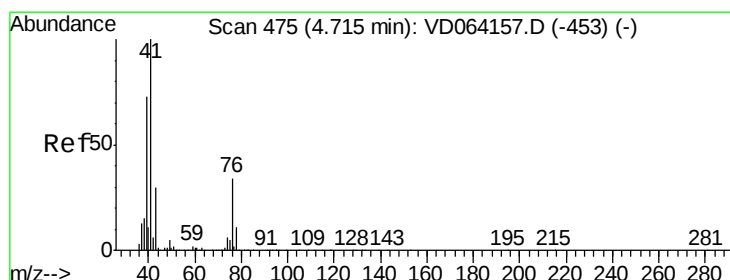
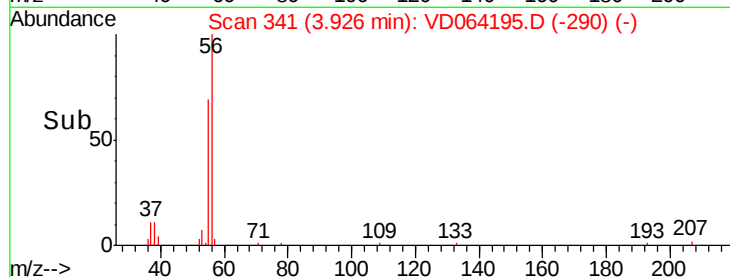
20000

10000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 48.350 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

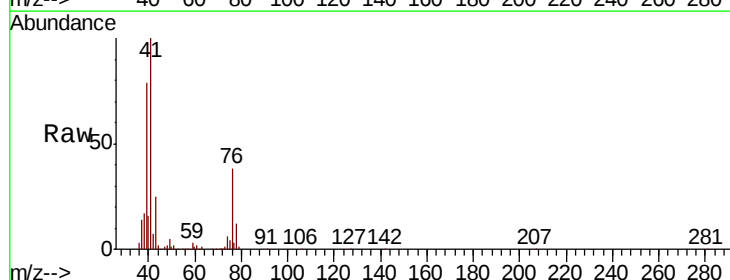
Tgt Ion: 41 Resp: 435929

Ion Ratio Lower Upper

41 100

39 75.4 57.5 86.3

76 35.6 26.8 40.2



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

4.71

150000

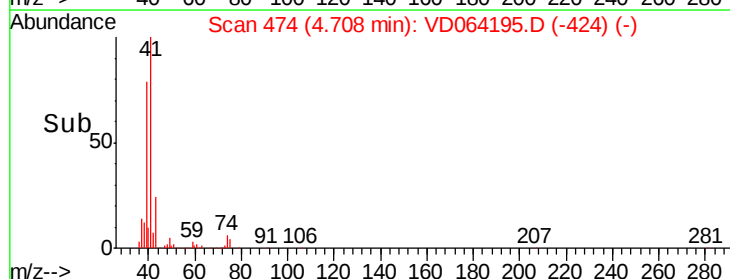
100000

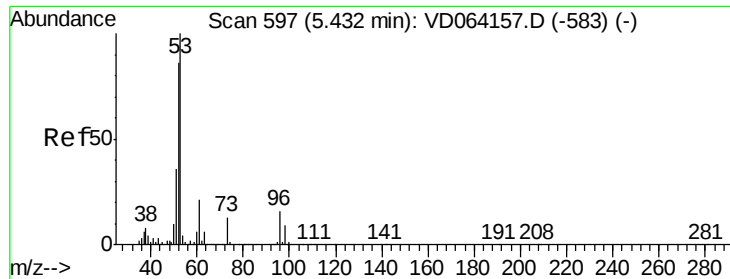
50000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 244.548 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

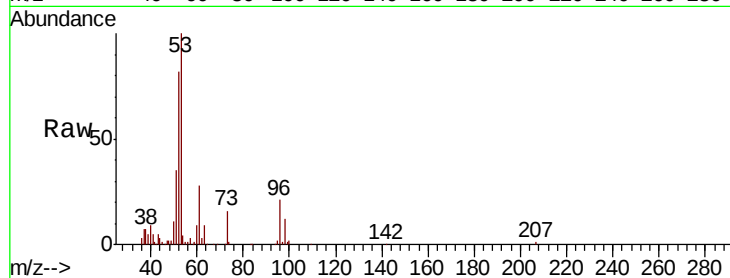
Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 53 Resp: 268315

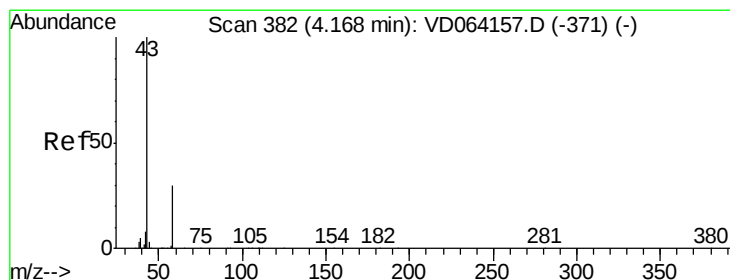
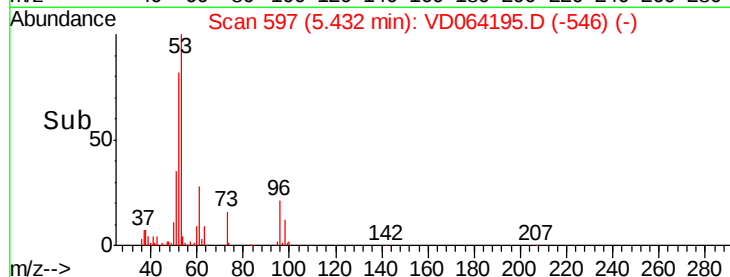
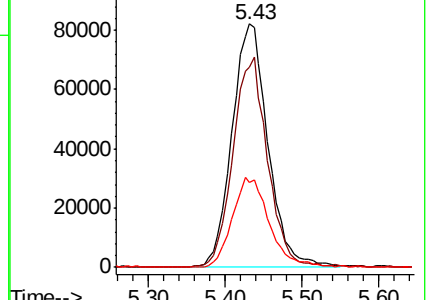
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	37.9	30.6	46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 268.457 ug/l

RT: 4.17 min Scan# 382

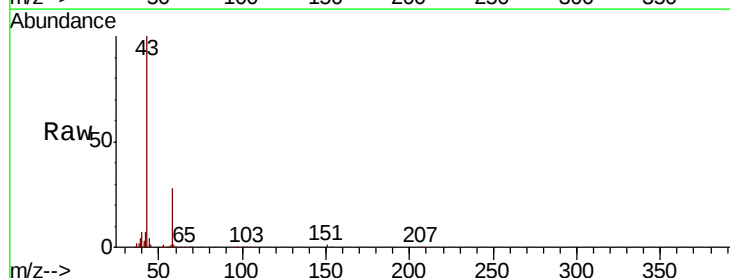
Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

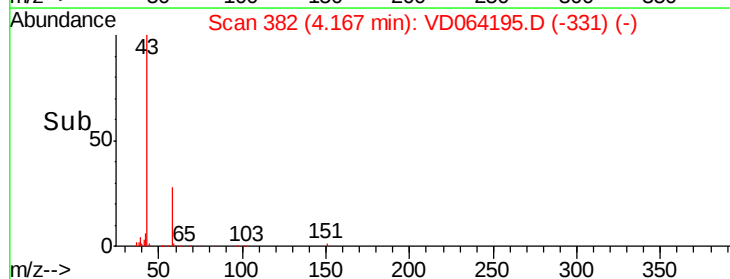
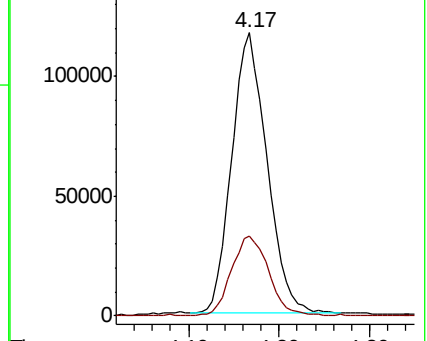
Tgt Ion: 43 Resp: 317424

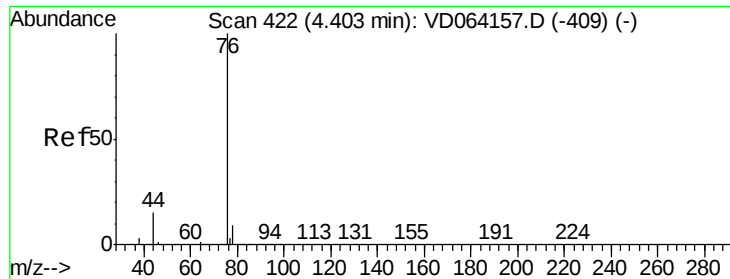
Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.1	36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

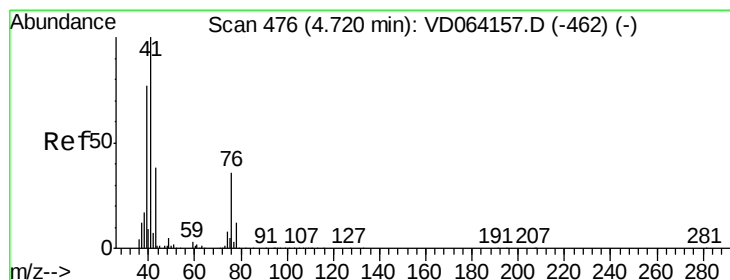
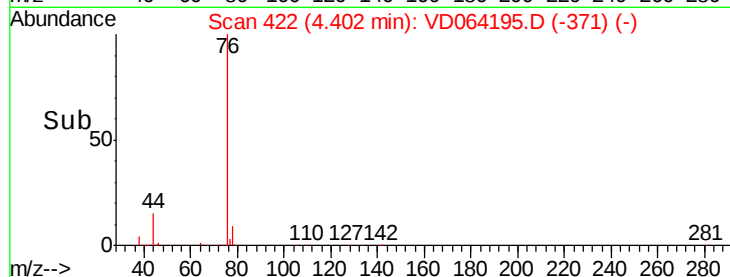
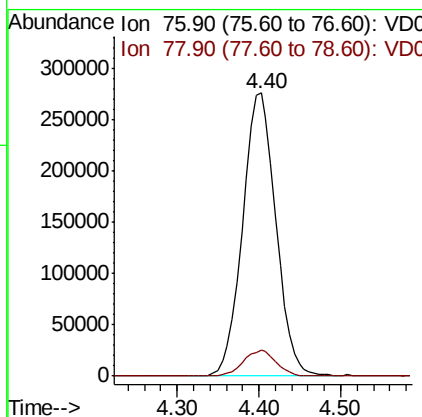
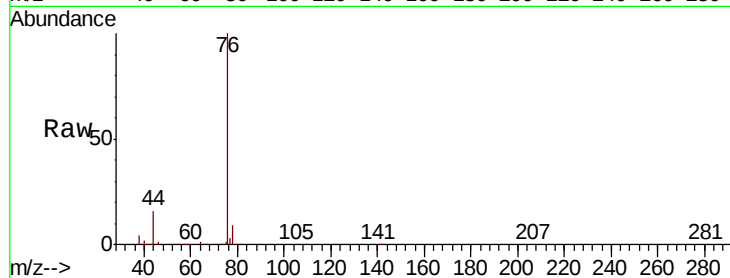




#17
Carbon Disulfide
Concen: 49.162 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

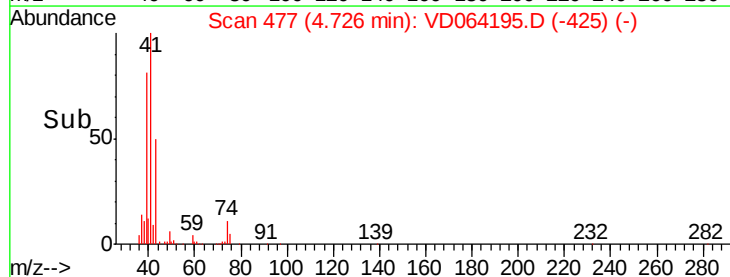
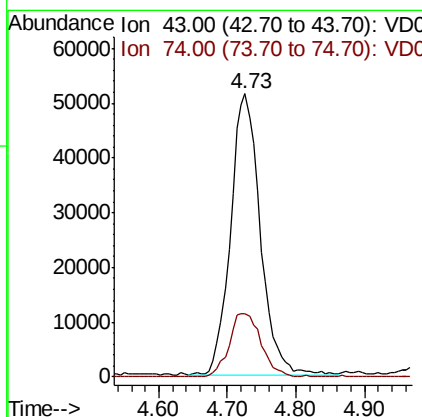
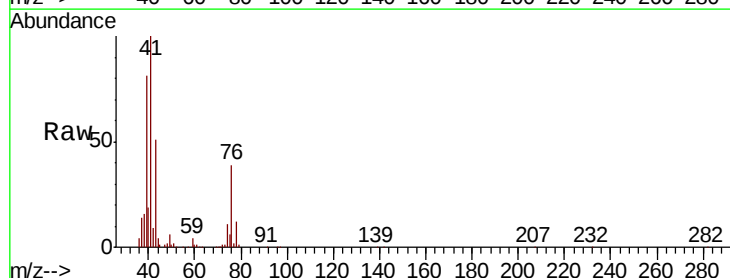
Instrument :
MSVOA_D
ClientSampleId :

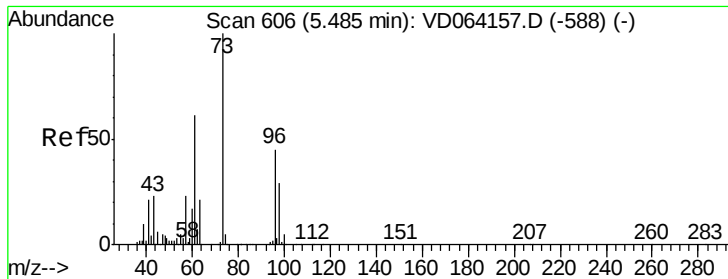
Tot Ion: 76 Resp: 780713
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.651 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 43 Resp: 154063
Ion Ratio Lower Upper
43 100
74 24.3 18.4 27.6



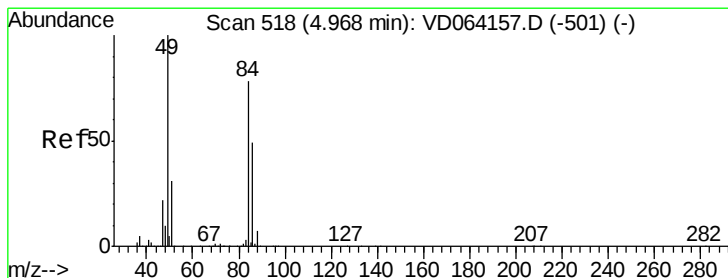
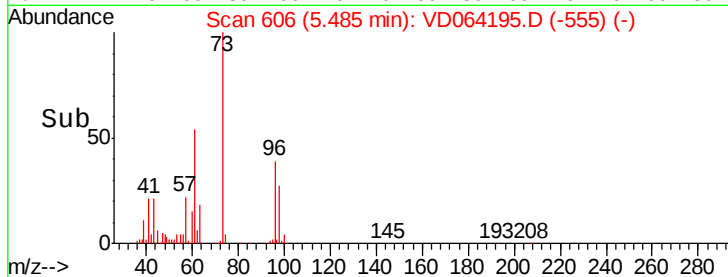
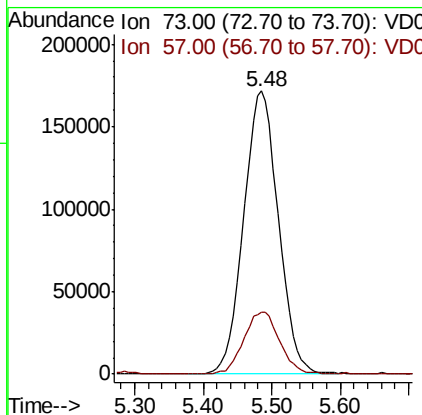
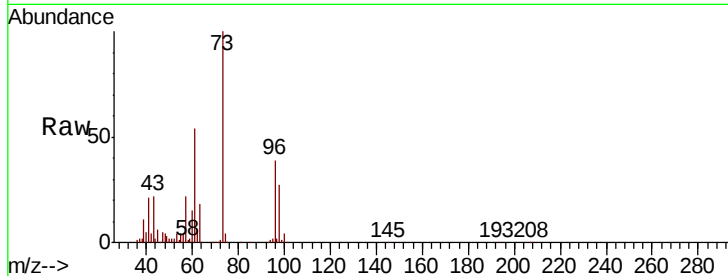


#19

Methyl tert-butyl Ether
 Concen: 49.698 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Instrument :
 MSVOA_D
 ClientSampleId :

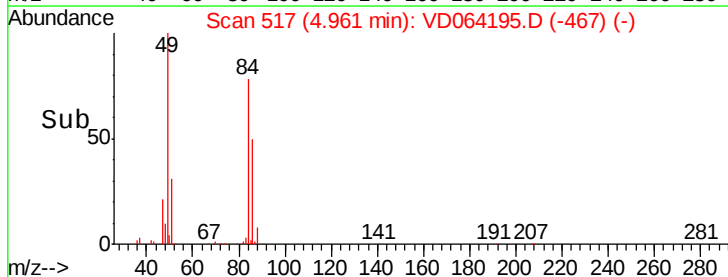
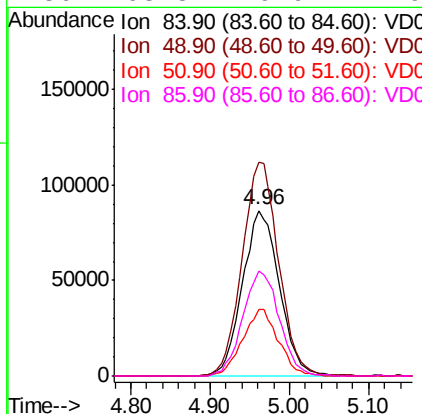
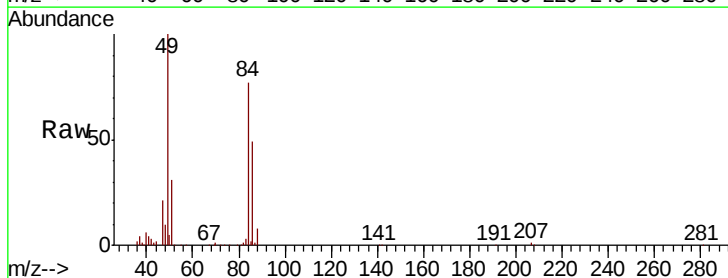
Tot Ion: 73 Resp: 605003
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.4 27.6

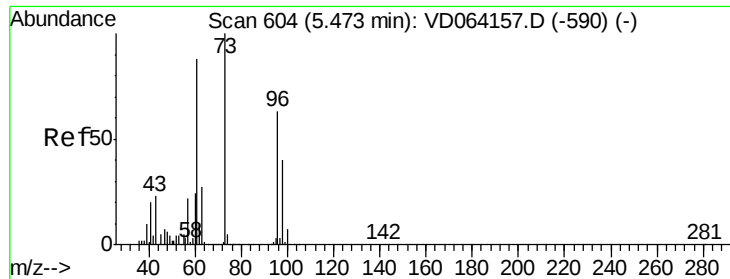


#20

Methylene Chloride
 Concen: 46.863 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion: 84 Resp: 279900
 Ion Ratio Lower Upper
 84 100
 49 129.2 102.1 153.1
 51 40.4 32.2 48.2
 86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.855 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

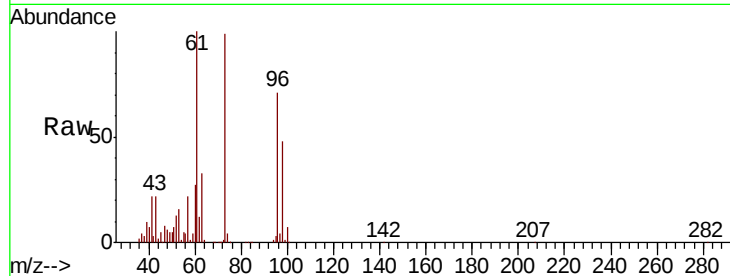
Tot Ion: 96 Resp: 288031

Ion Ratio Lower Upper

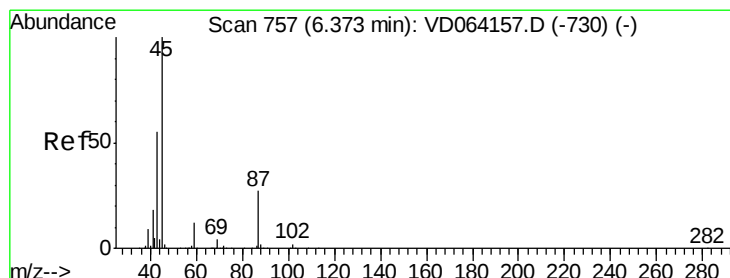
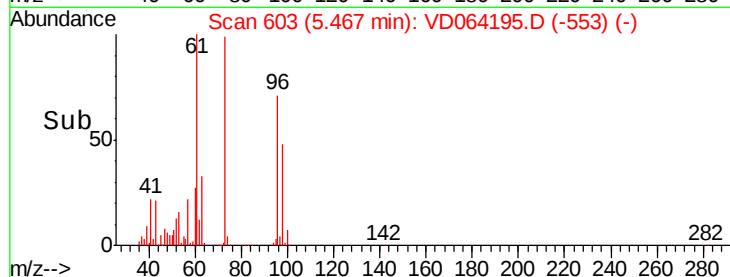
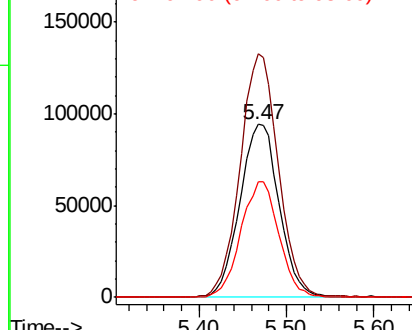
96 100

61 140.9 111.8 167.6

98 67.0 50.3 75.5



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



#22

Diisopropyl ether

Concen: 50.405 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Tgt Ion: 45 Resp: 843213

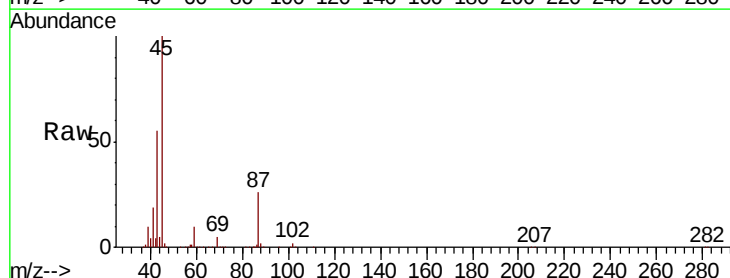
Ion Ratio Lower Upper

45 100

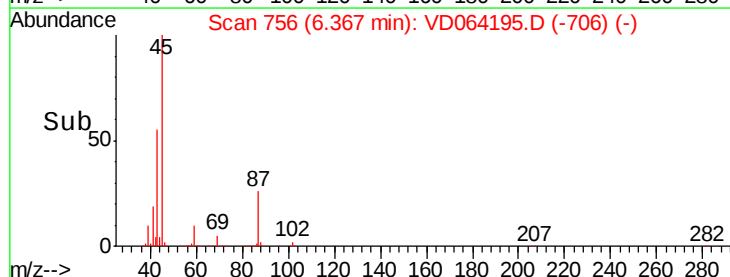
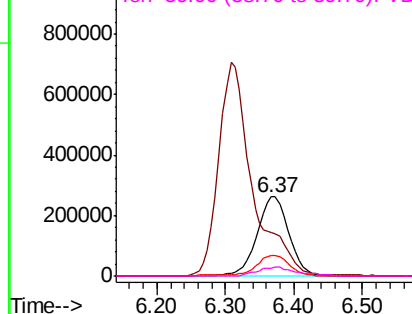
43 54.1 44.4 66.6

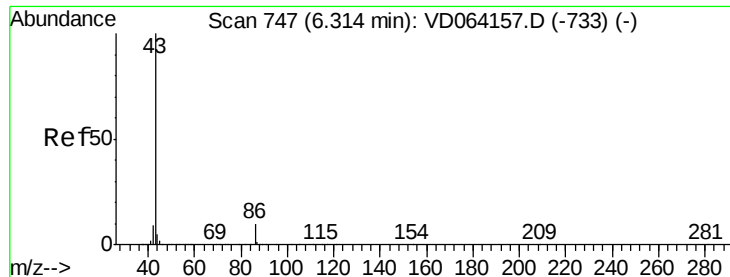
87 26.3 21.9 32.9

59 10.2 9.4 14.2



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





#23

Vinyl Acetate

Concen: 259.101 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

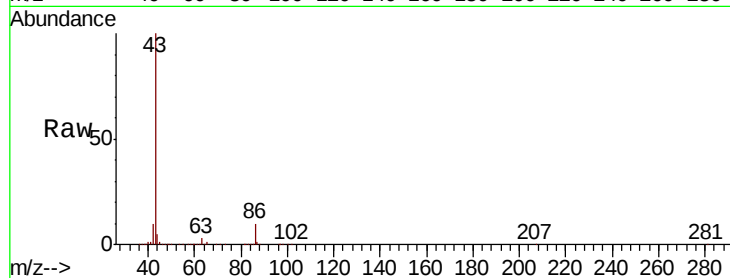
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 2416126

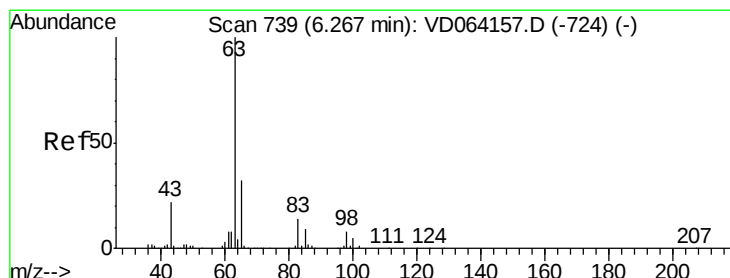
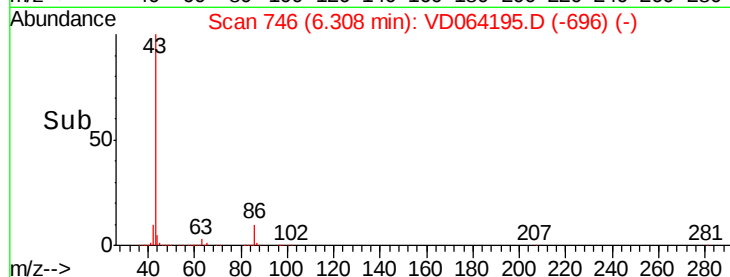
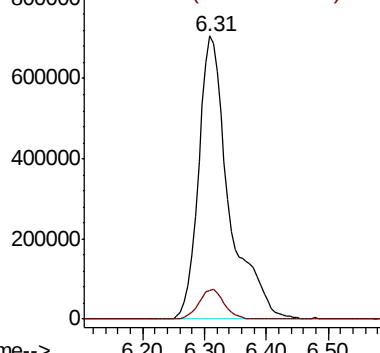
Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.523 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

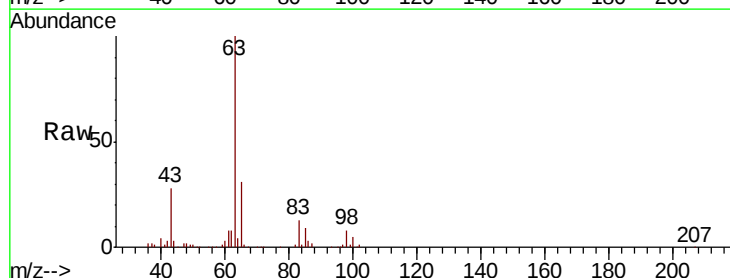
Tgt Ion: 63 Resp: 490737

Ion Ratio Lower Upper

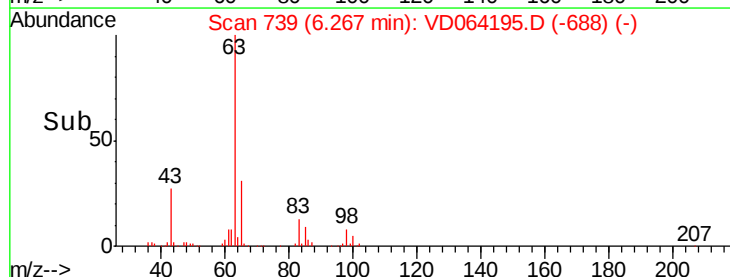
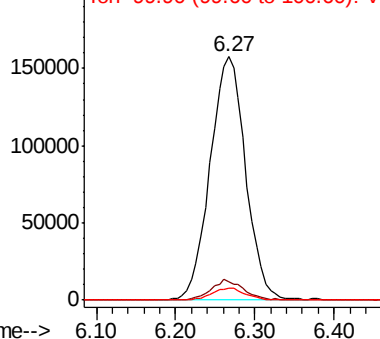
63 100

98 7.8 3.8 11.4

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 251.224 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

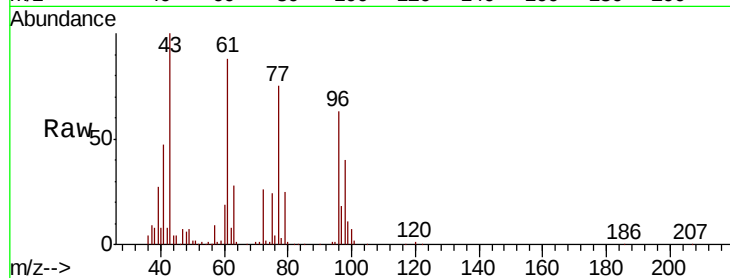
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 383770

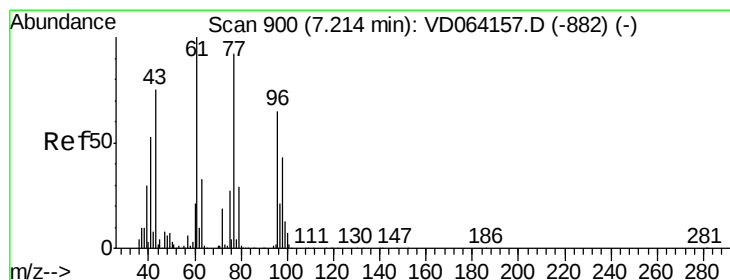
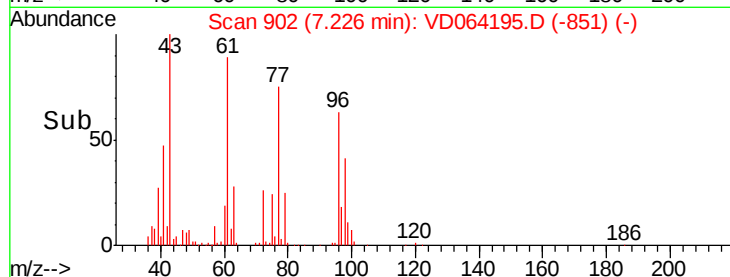
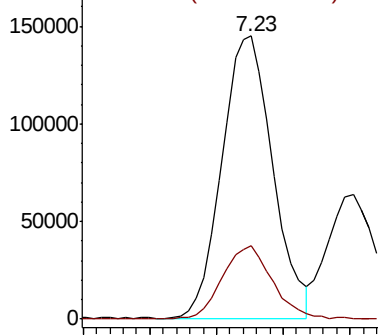
Ion Ratio Lower Upper

43 100

72 26.1 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.387 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064195.D

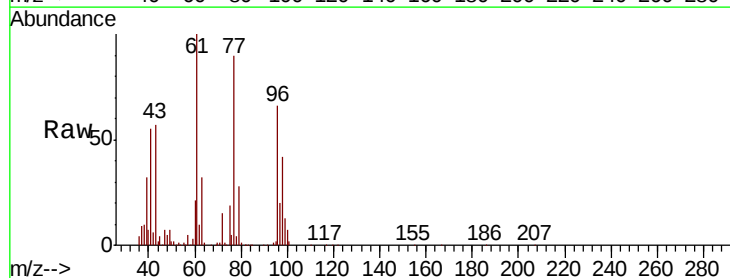
Acq: 12 Nov 2019 14:35

Tgt Ion: 77 Resp: 460910

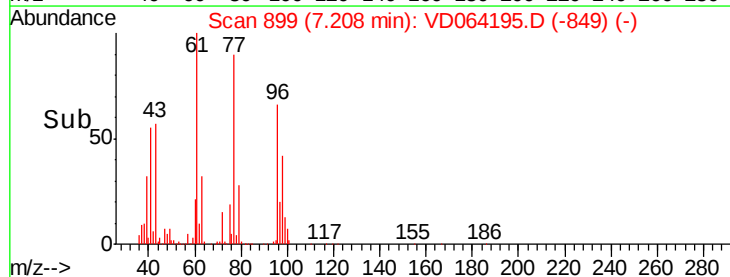
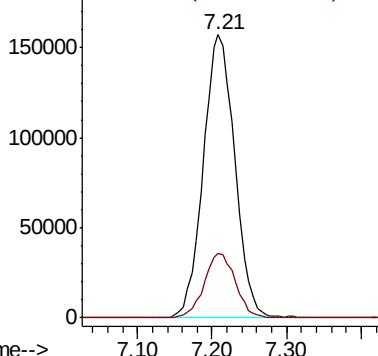
Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC



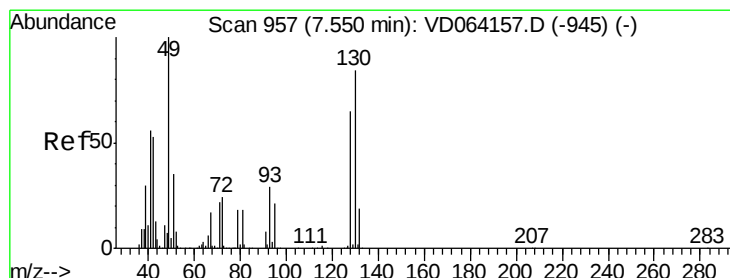
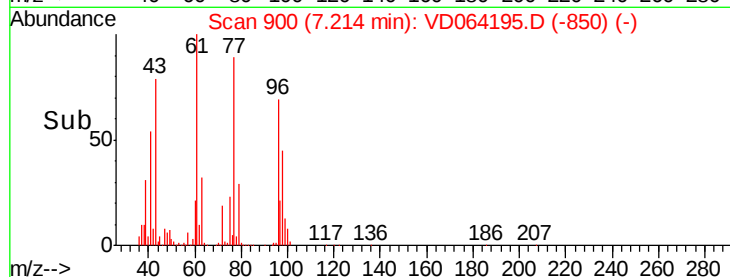
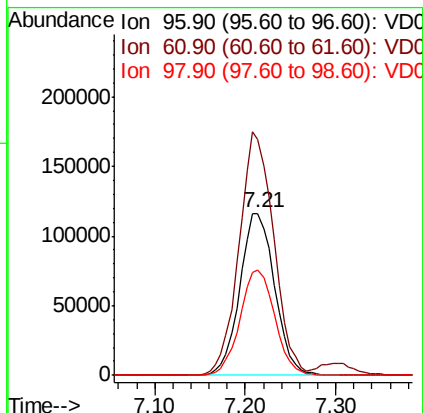
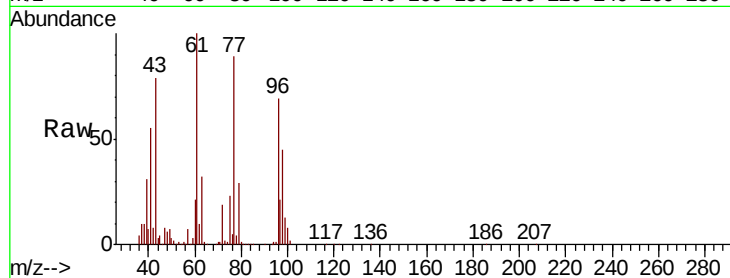


#27

cis-1,2-Dichloroethene
Concen: 50.223 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

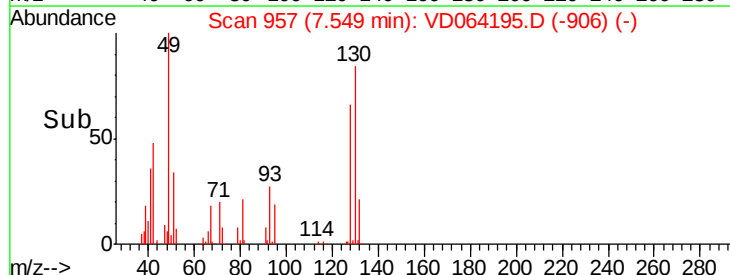
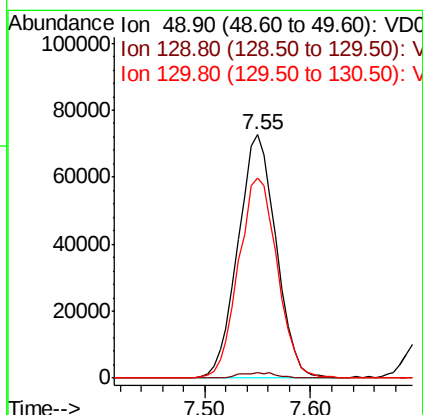
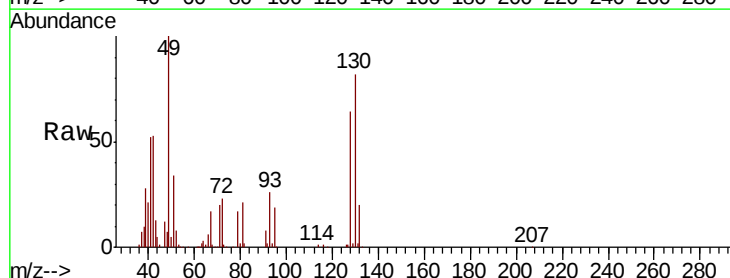
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	301.4
98	64.9	0.0	133.2

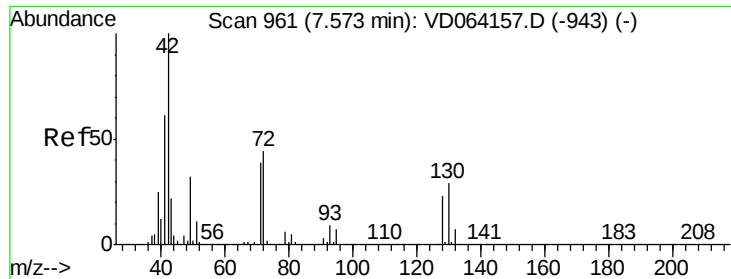


#28

Bromochloromethane
Concen: 53.823 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	84.0	66.8	100.2

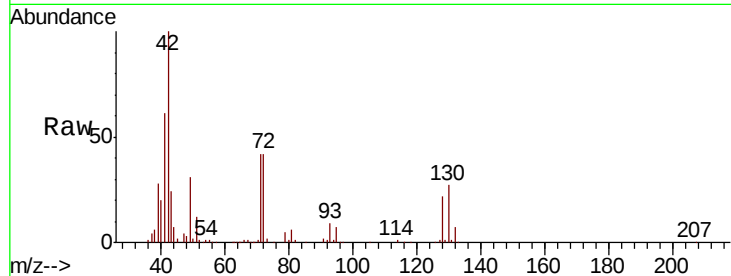




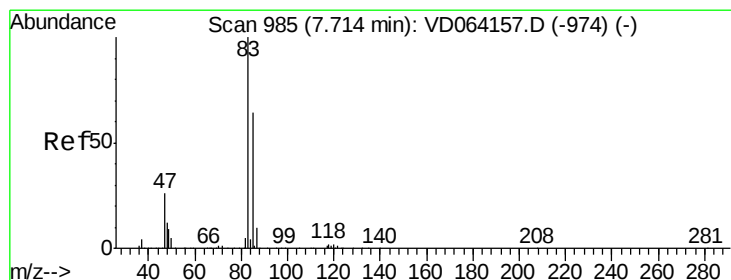
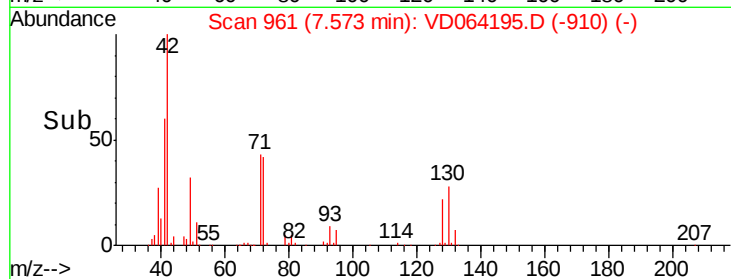
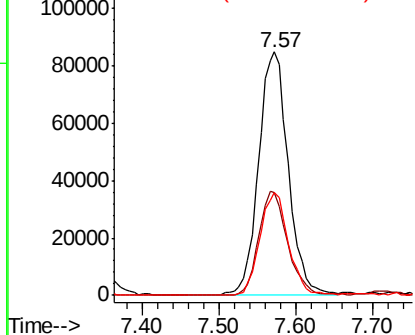
#29
Tetrahydrofuran
Concen: 249.799 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 229269
Ion Ratio Lower Upper
42 100
72 41.2 33.4 50.2
71 40.5 31.0 46.4

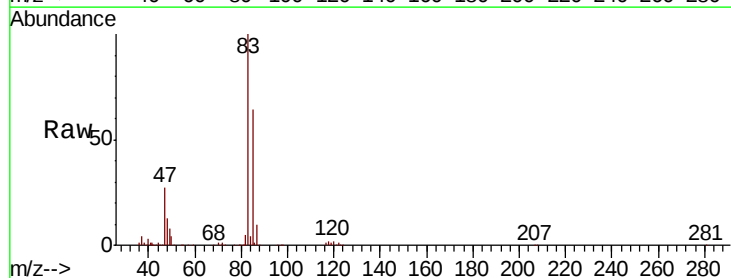


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

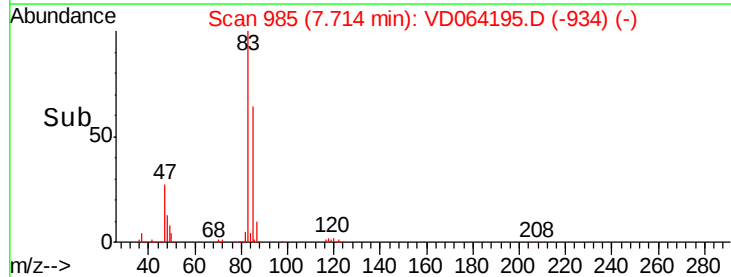
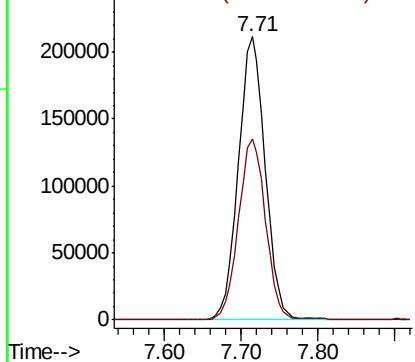


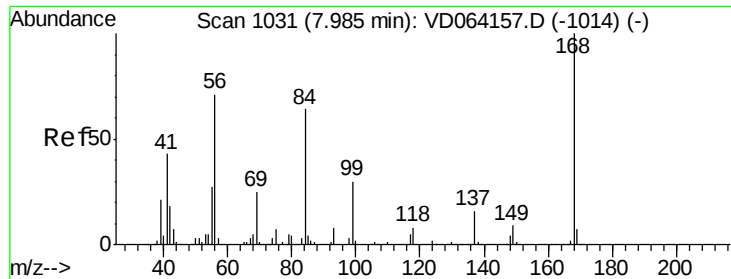
#30
Chloroform
Concen: 52.001 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 83 Resp: 516657
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.0



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

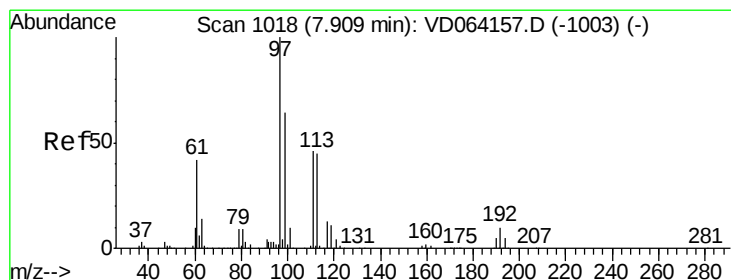
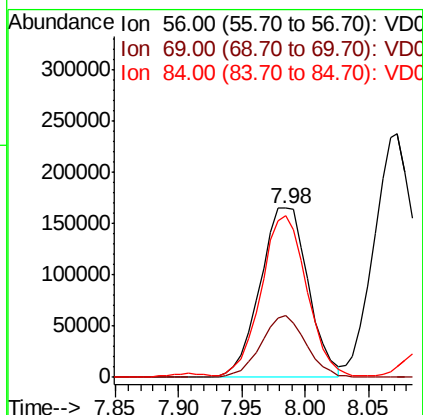
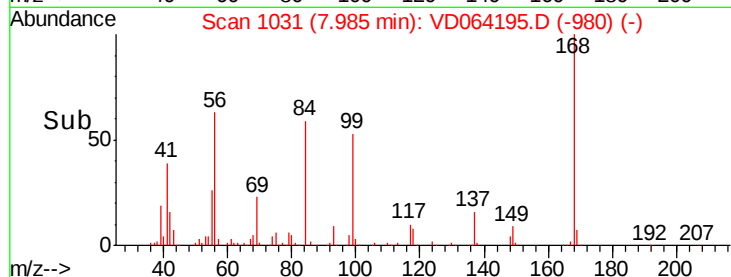
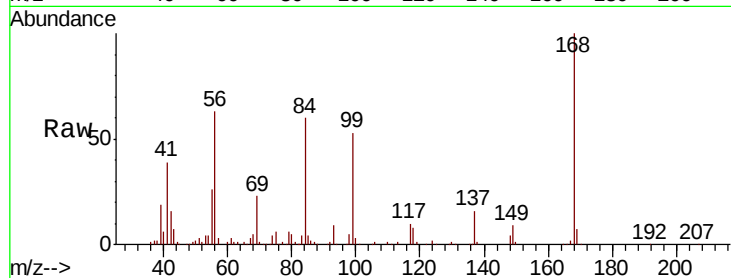




#31
Cyclohexane
Concen: 44.573 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

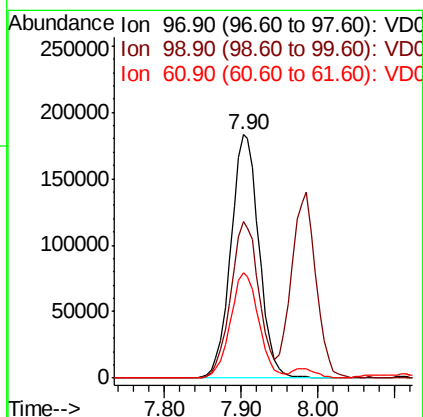
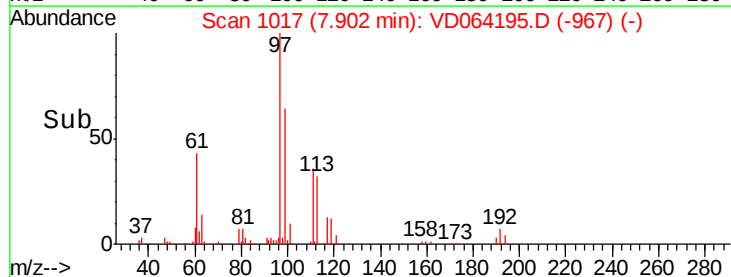
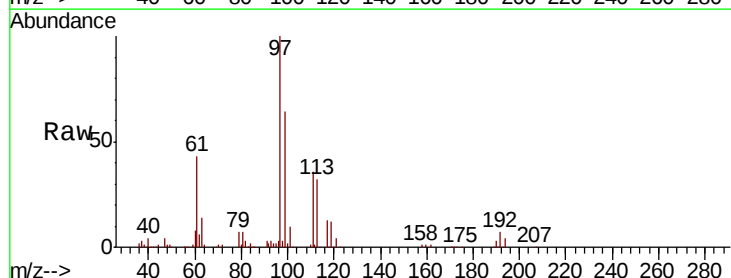
Instrument :
MSVOA_D
ClientSampleId :

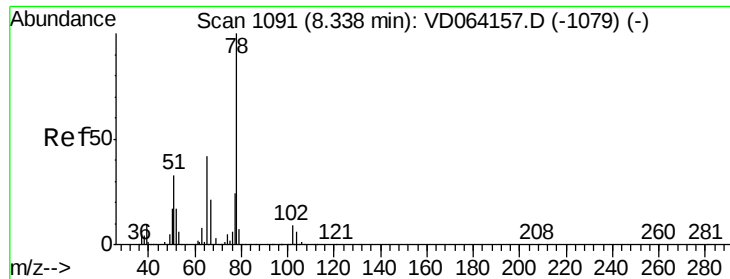
Tot Ion: 56 Resp: 436638
Ion Ratio Lower Upper
56 100
69 36.5 28.2 42.4
84 93.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.193 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 97 Resp: 468002
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.6 34.2 51.2

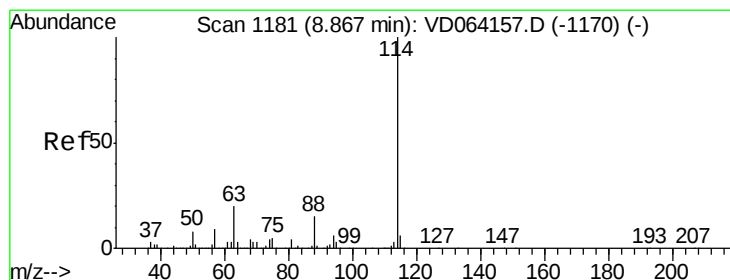
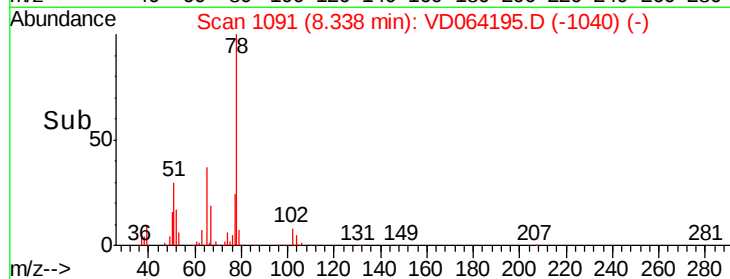
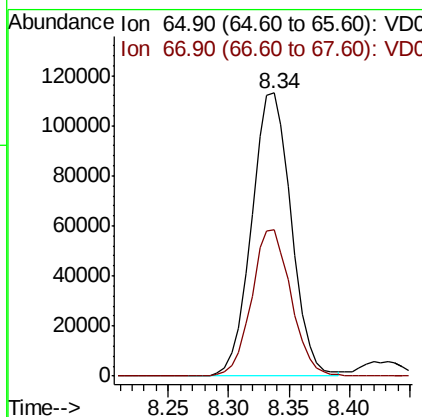
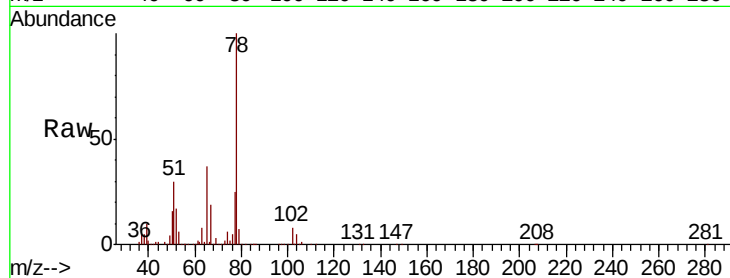




#33
 1,2-Dichloroethane-d4
 Concen: 51.825 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

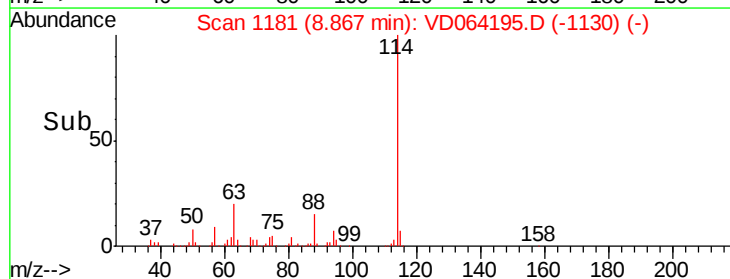
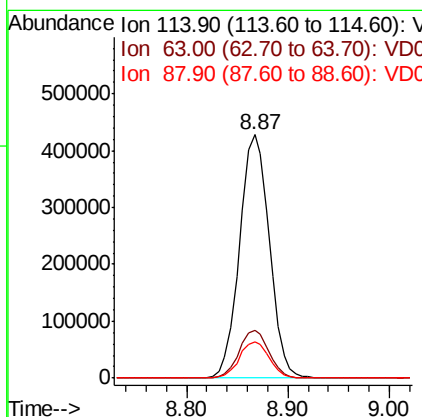
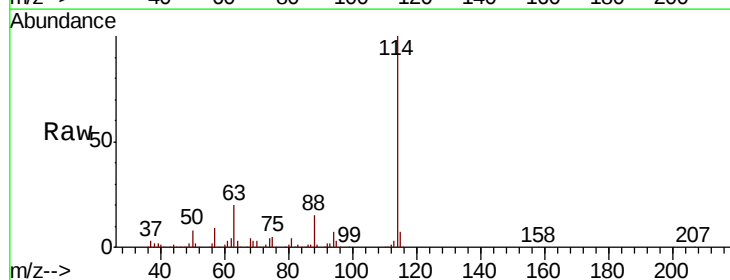
Instrument :
 MSVOA_D
 ClientSampleId :

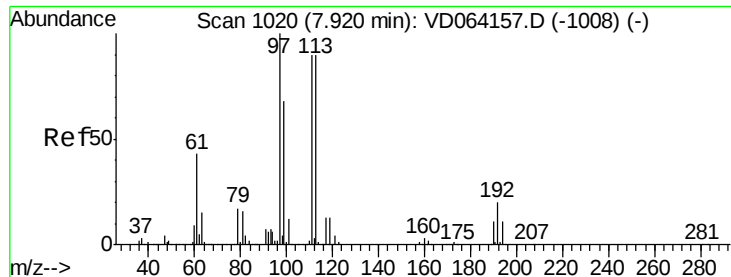
Tot Ion: 65 Resp: 258665
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion: 114 Resp: 875160
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.0 0.0 30.2

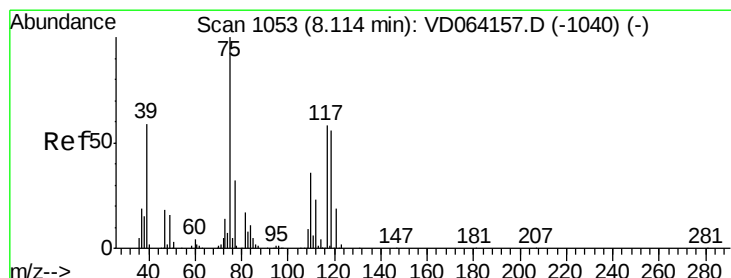
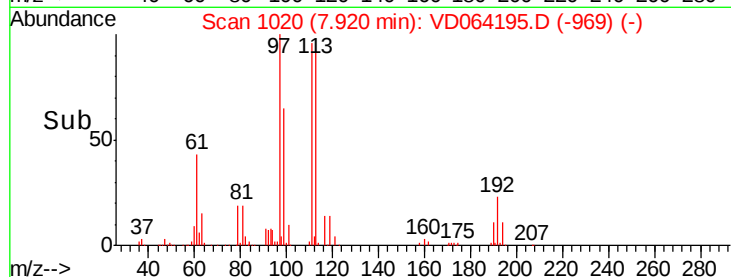
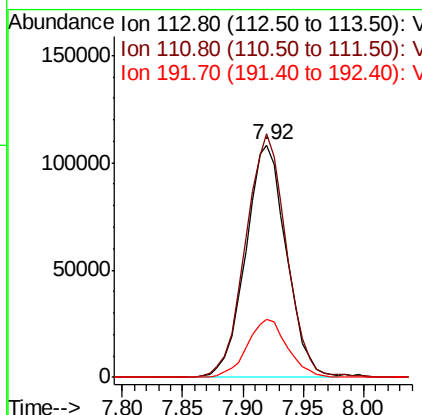
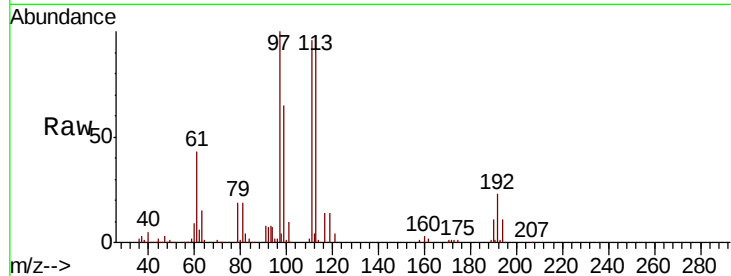




#35
Dibromofluoromethane
Concen: 50.516 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

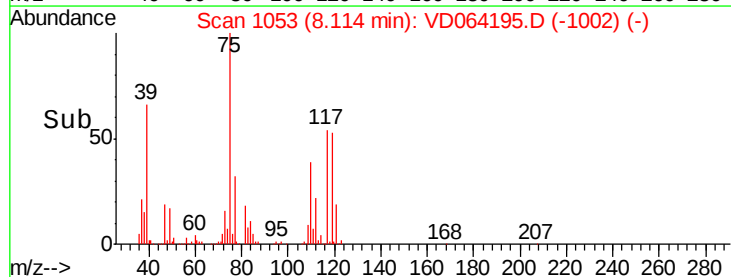
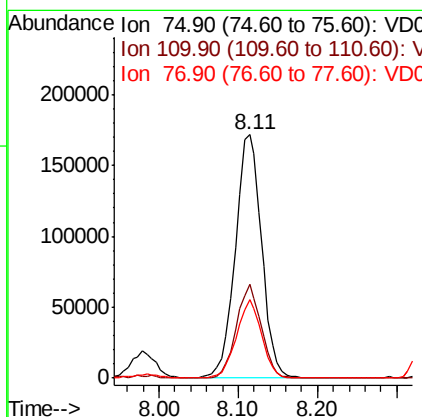
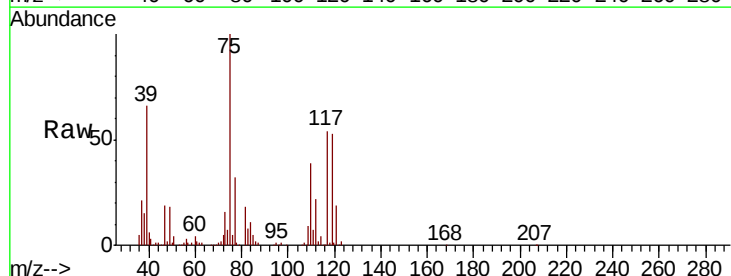
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:113 Resp: 253770
Ion Ratio Lower Upper
113 100
111 105.0 81.5 122.3
192 24.9 18.8 28.2



#36
1,1-Dichloropropene
Concen: 48.624 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 75 Resp: 392739
Ion Ratio Lower Upper
75 100
110 36.8 18.3 54.9
77 30.7 25.0 37.6

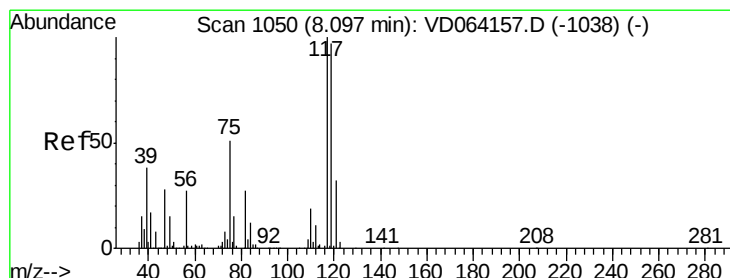
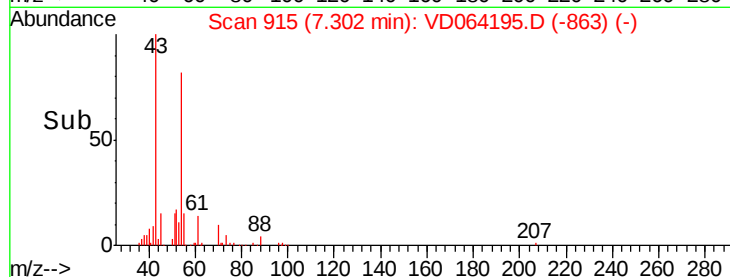
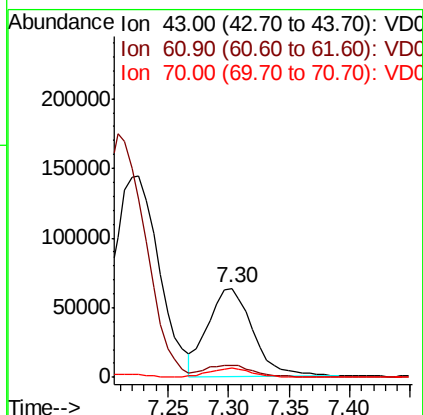
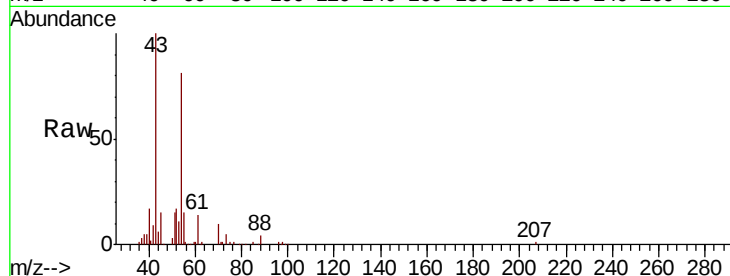




#37
Ethyl Acetate
Concen: 47.818 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

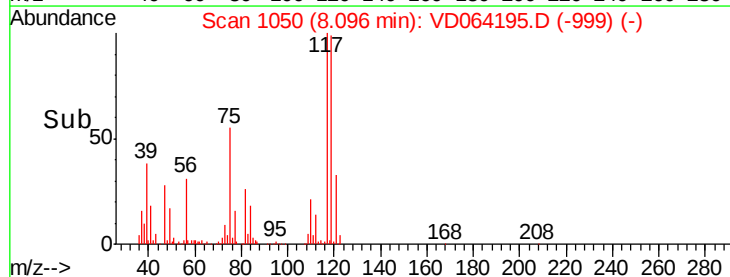
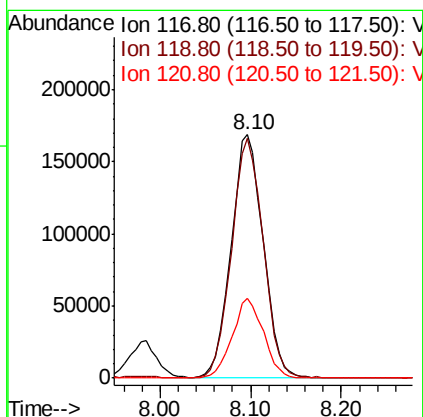
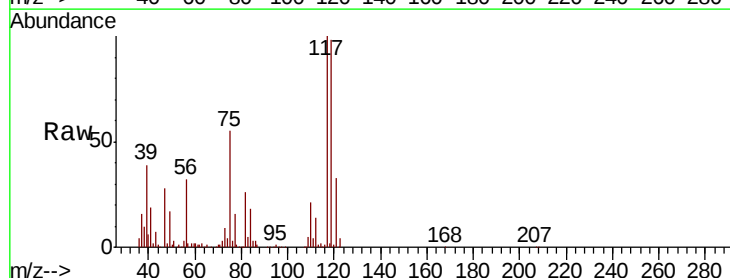
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 162824
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 10.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.993 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 117 Resp: 414780
Ion Ratio Lower Upper
117 100
119 98.4 77.2 115.8
121 33.0 25.5 38.3

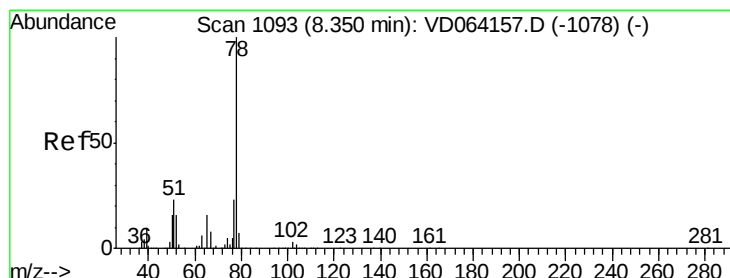
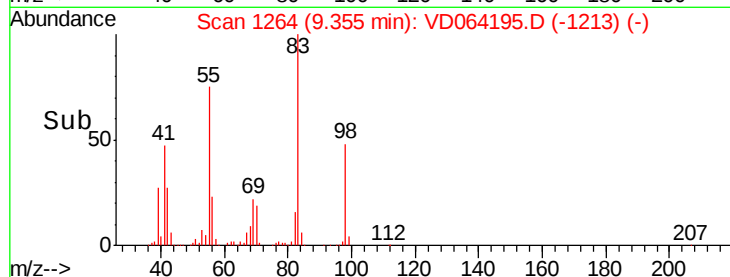
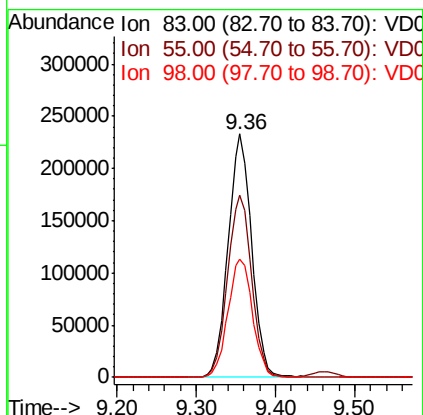
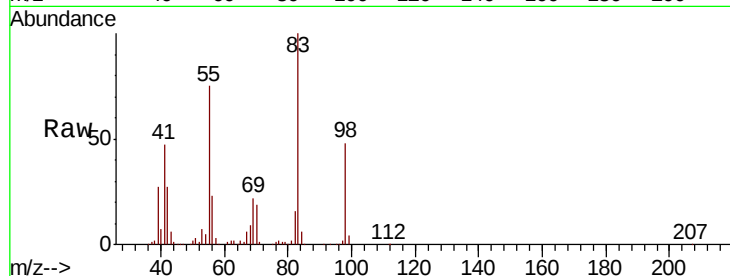




#39
Methvlcvclohexane
Concen: 46.731 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

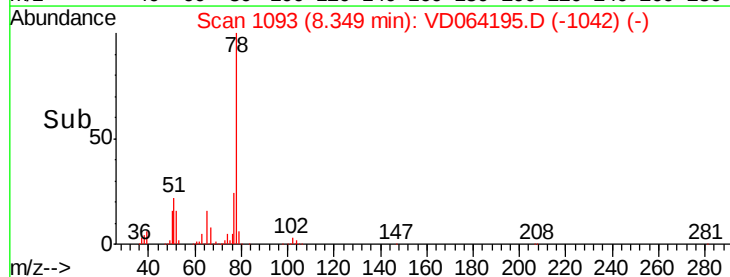
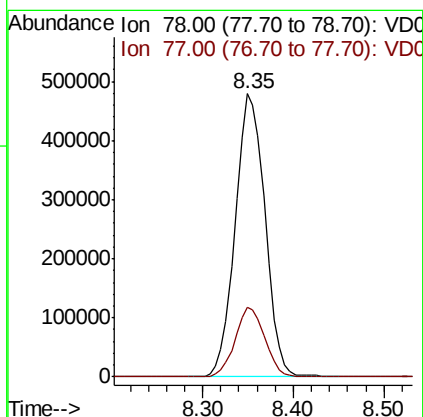
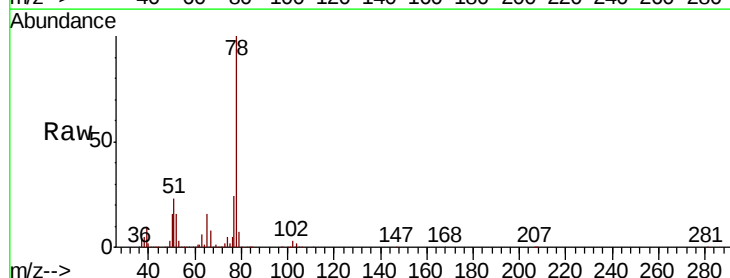
Instrument :
MSVOA_D
ClientSampleId :

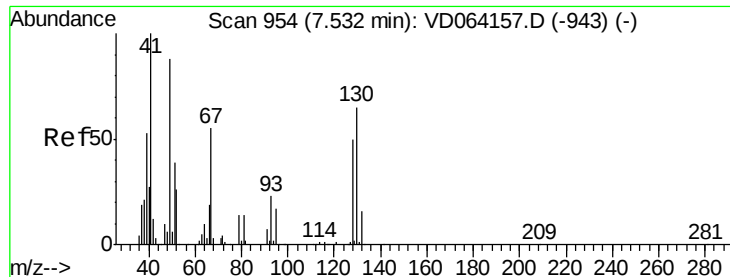
Tot Ion: 83 Resp: 477607
Ion Ratio Lower Upper
83 100
55 74.5 61.7 92.5
98 48.4 38.6 58.0



#40
Benzene
Concen: 49.588 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 78 Resp: 1094634
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0





#41

Methacrylonitrile

Concen: 43.831 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD064195.D

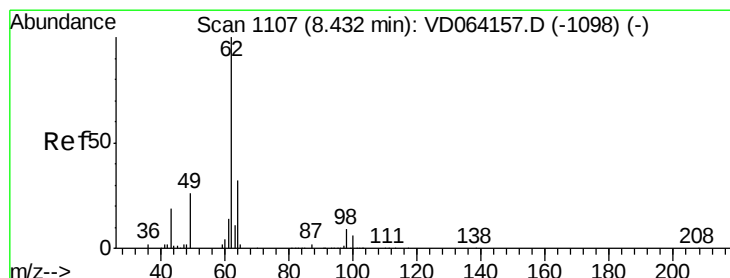
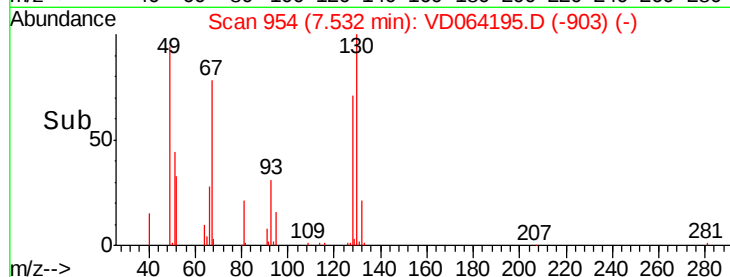
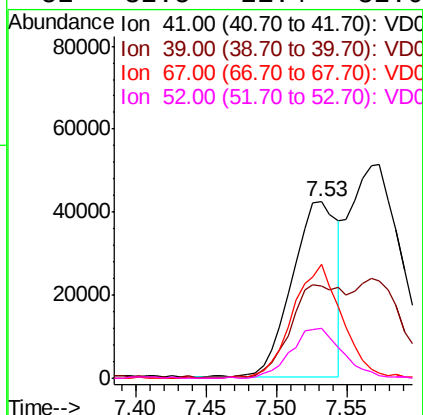
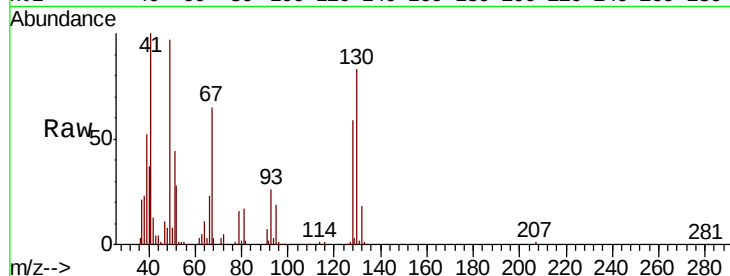
Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:	41	Resp:	93804
Ion	Ratio	Lower	Upper
41	100		
39	62.9	49.4	74.2
67	72.1	49.6	74.4
52	32.5	21.4	32.0#



#42

1,2-Dichloroethane

Concen: 48.845 ug/l

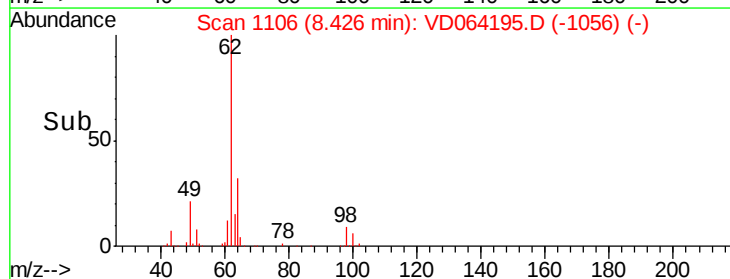
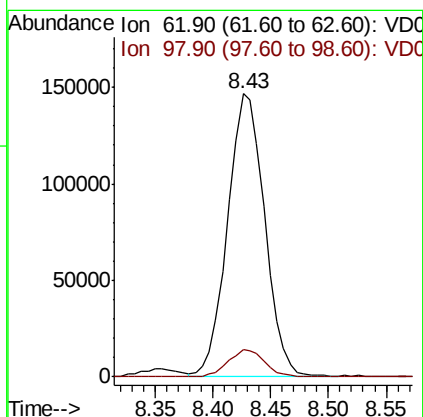
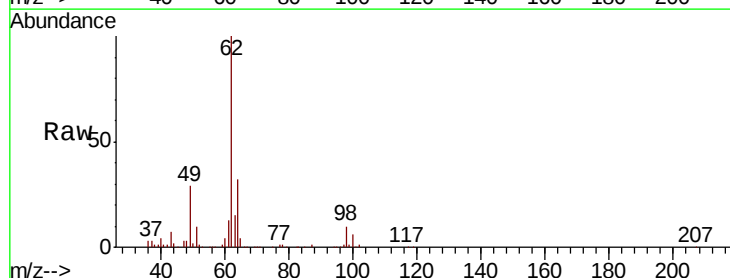
RT: 8.43 min Scan# 1106

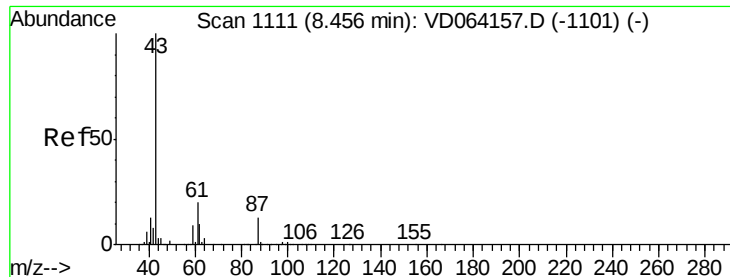
Delta R.T. -0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Tgt Ion:	62	Resp:	323833
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0



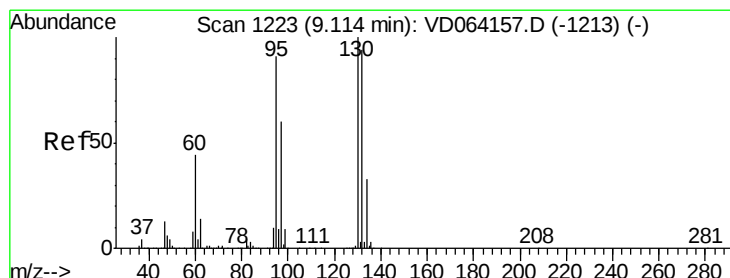
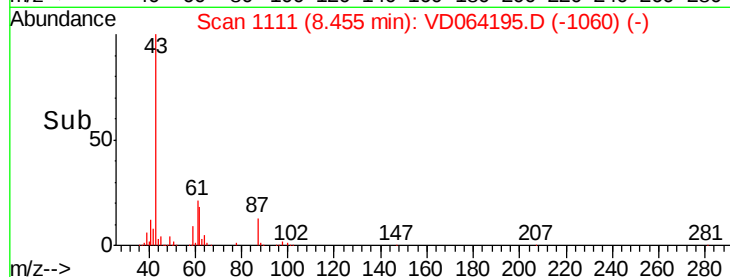
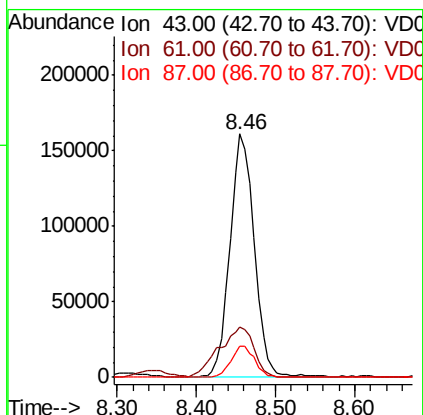
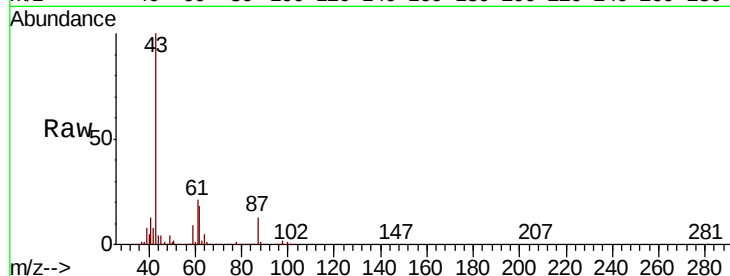


#43

Isopropyl Acetate
 Concen: 48.609 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Instrument :
 MSVOA_D
 ClientSampleId :

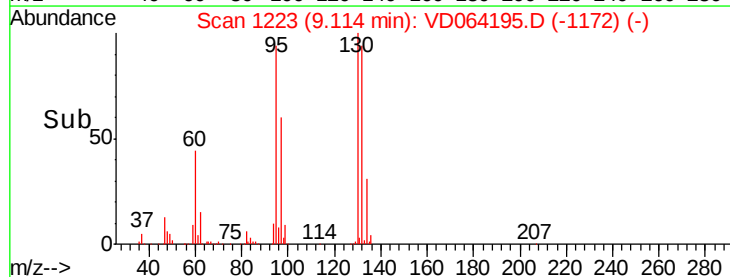
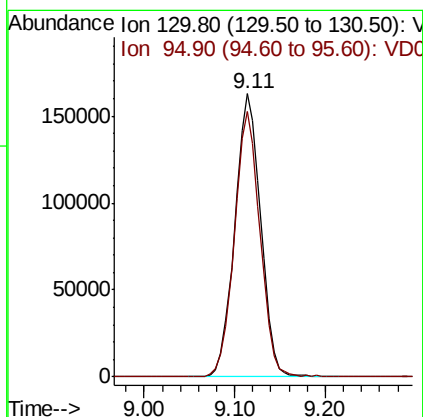
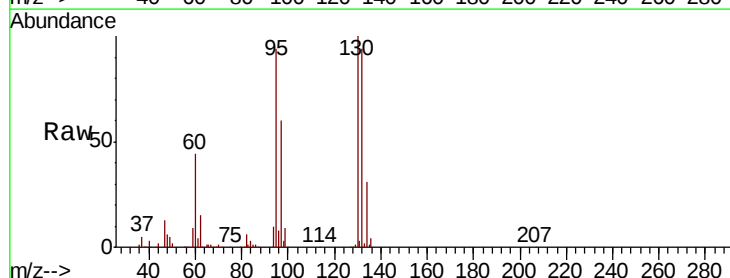
Tot Ion	43	Resp	341030
Ion Ratio	Lower	Upper	
43	100		
61	29.6	22.9	34.3
87	12.4	10.2	15.2

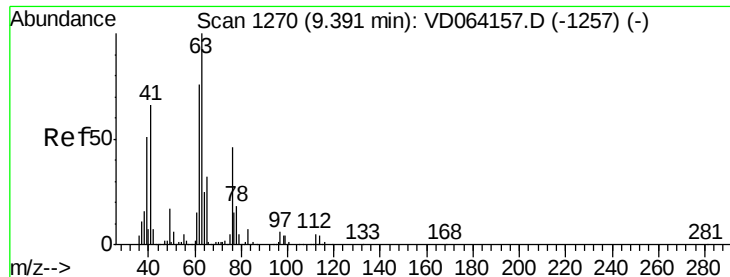


#44

Trichloroethene
 Concen: 48.724 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion	130	Resp	322809
Ion Ratio	Lower	Upper	
130	100		
95	93.9	0.0	181.6

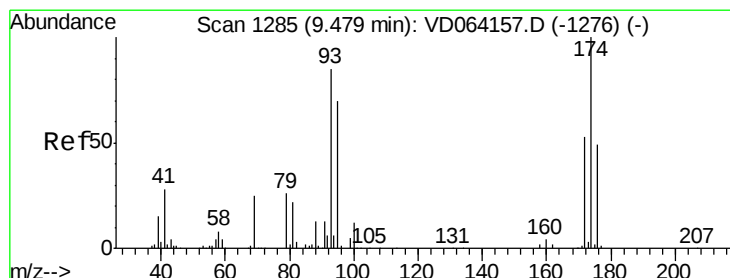
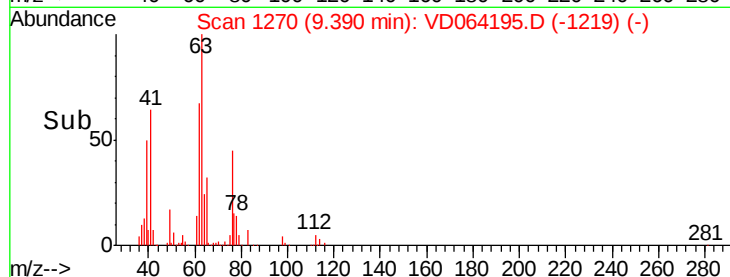
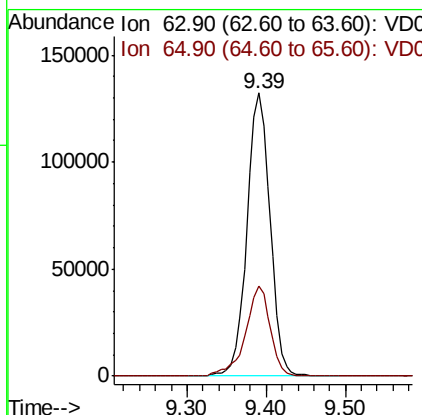
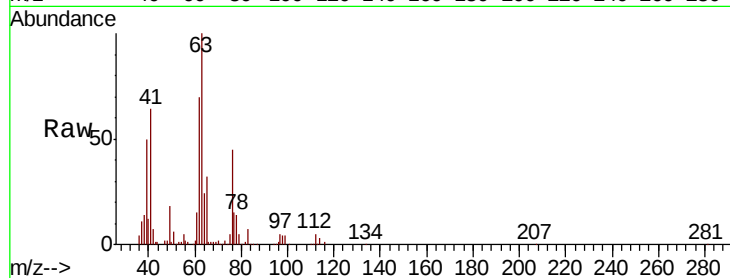




#45
 1,2-Dichloropropane
 Concen: 50.003 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

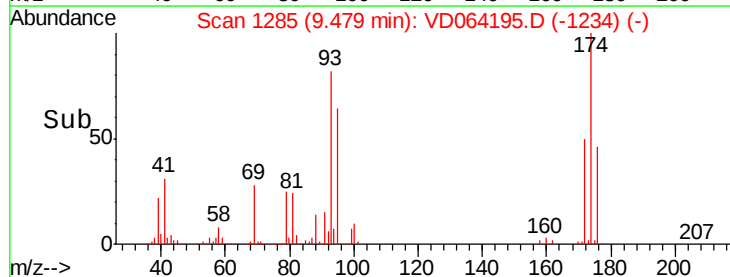
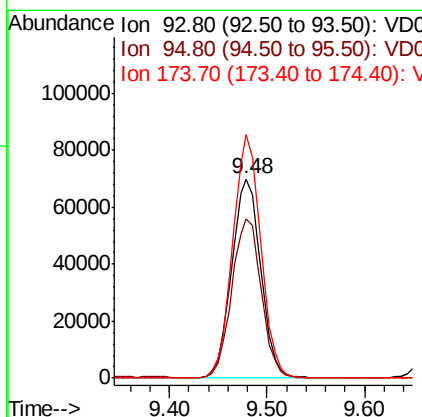
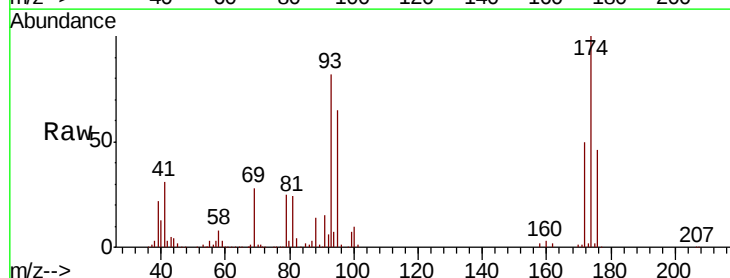
Instrument :
 MSVOA_D
 ClientSampleId :

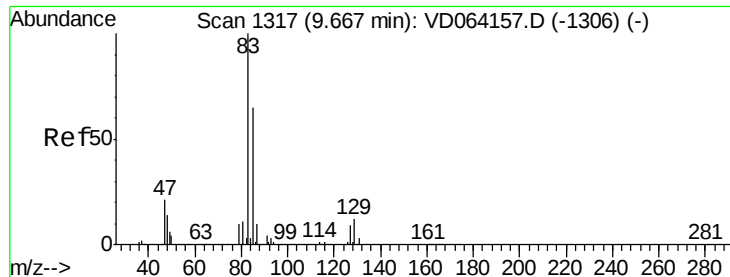
Tot Ion: 63 Resp: 268659
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.7 38.5



#46
 Dibromomethane
 Concen: 50.223 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion: 93 Resp: 144463
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.5 98.3
 174 117.7 93.9 140.9





#47

Bromodichloromethane

Concen: 50.355 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampled :

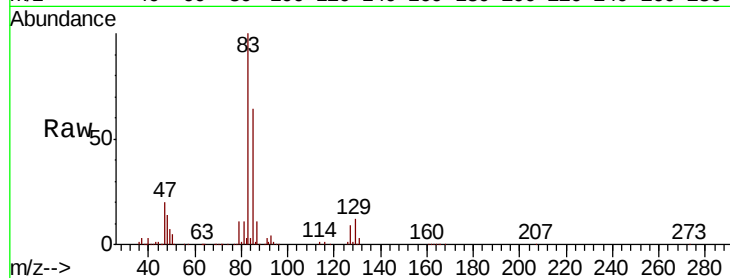
Tot Ion: 83 Resp: 390146

Ion Ratio Lower Upper

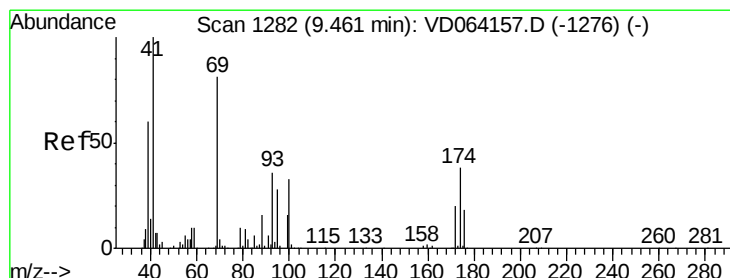
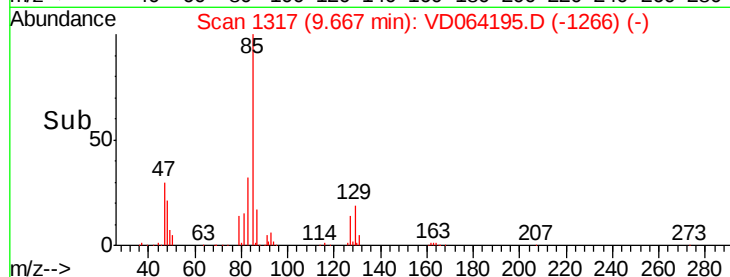
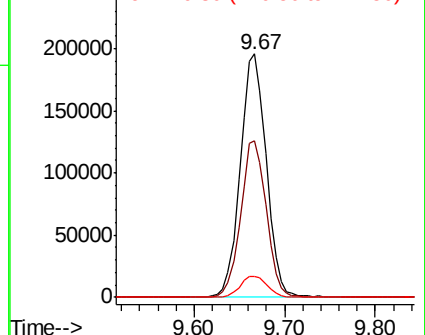
83 100

85 64.1 52.2 78.4

127 8.8 7.5 11.3



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: 45.617 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

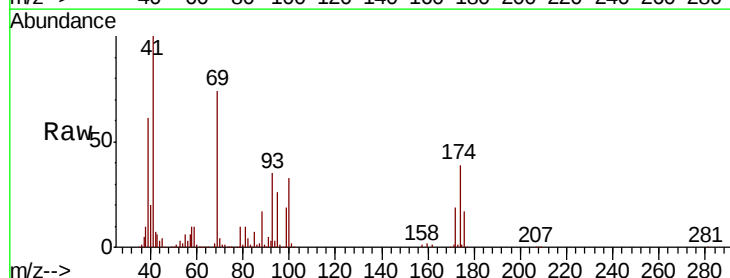
Tgt Ion: 41 Resp: 156493

Ion Ratio Lower Upper

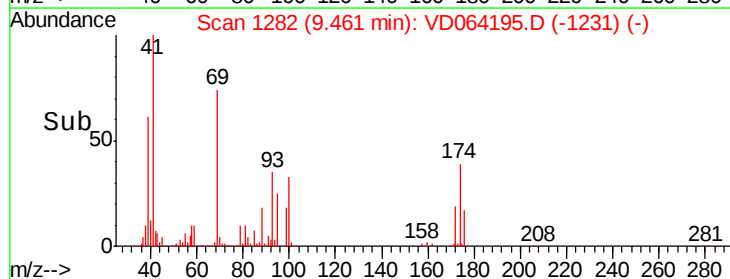
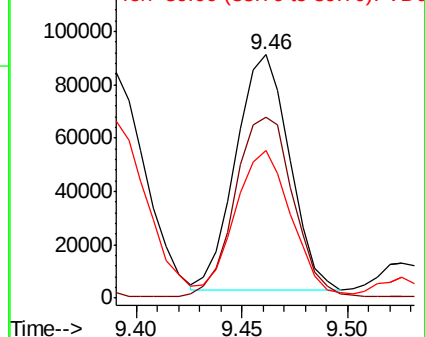
41 100

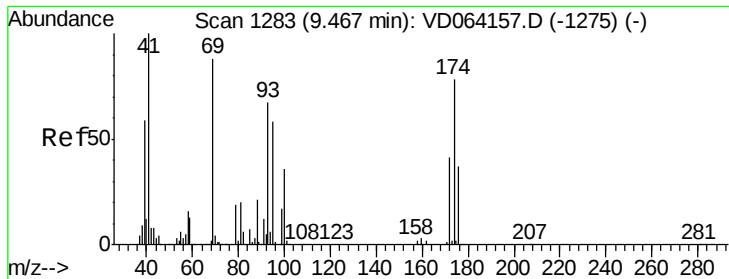
69 84.5 64.6 97.0

39 66.3 48.2 72.2



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

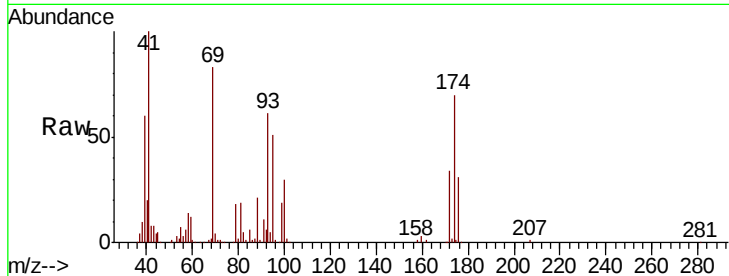




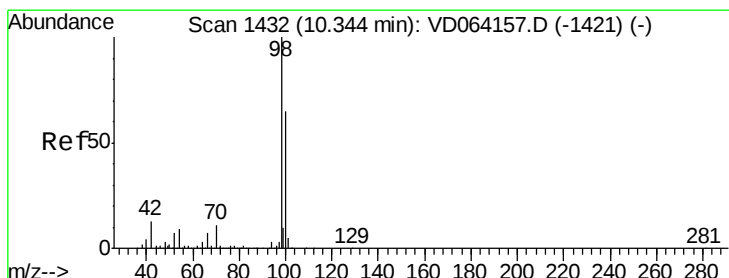
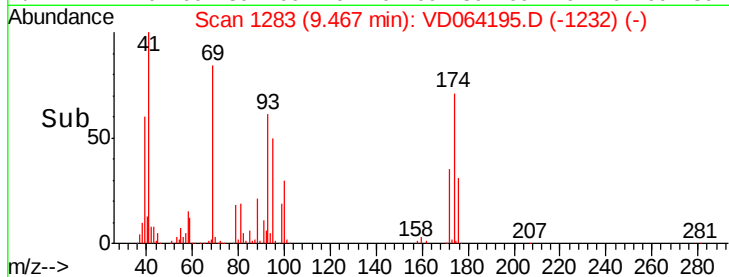
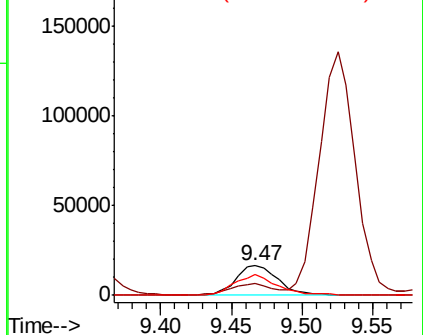
#49
1,4-Dioxane
Concen: 1015.558 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 35083
Ion Ratio Lower Upper
88 100
43 35.2 29.8 44.8
58 72.1 58.1 87.1

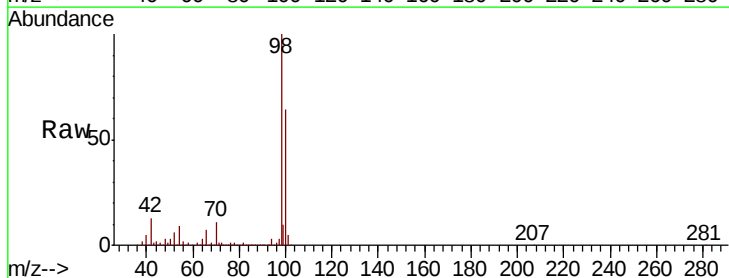


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

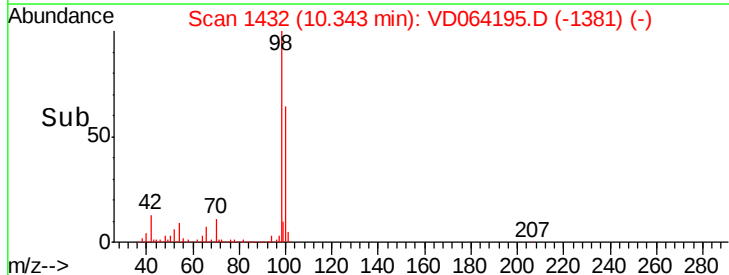
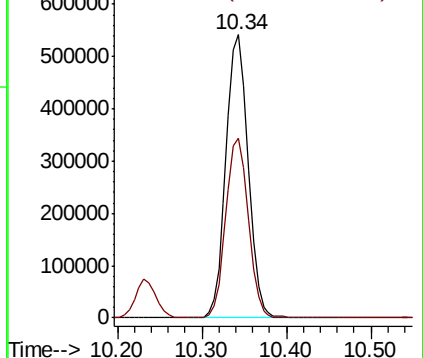


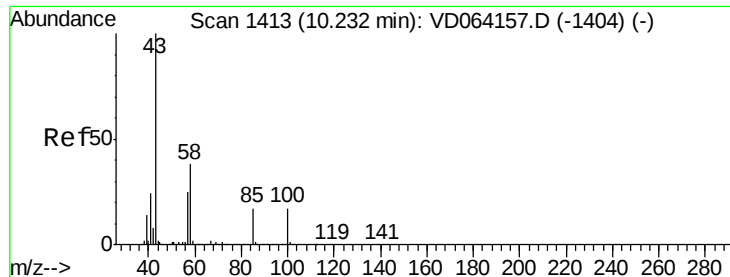
#50
Toluene-d8
Concen: 51.895 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 98 Resp: 983461
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 240.719 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

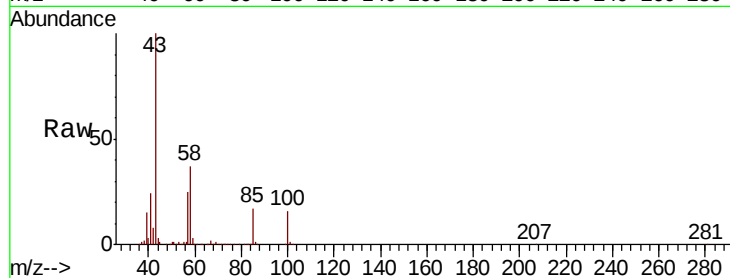
ClientSampled :

Tot Ion: 43 Resp: 809872

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

500000

400000

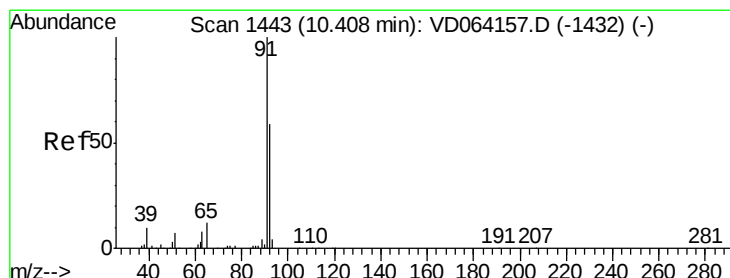
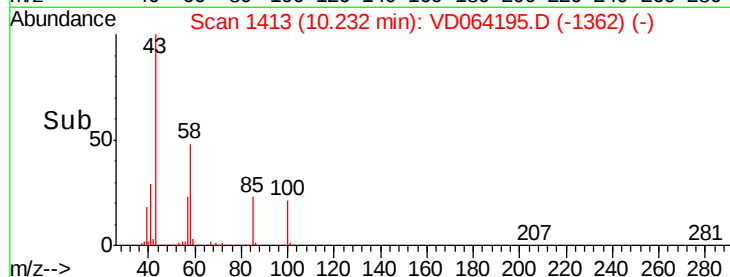
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.038 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064195.D

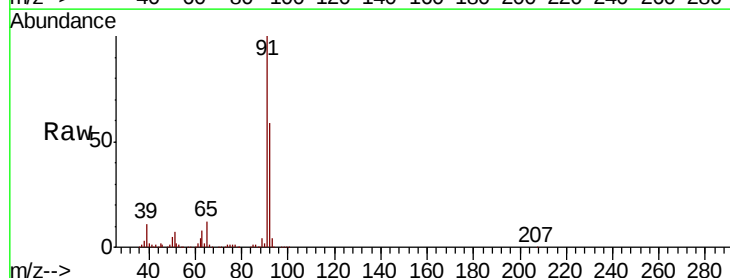
Acq: 12 Nov 2019 14:35

Tgt Ion: 92 Resp: 711797

Ion Ratio Lower Upper

92 100

91 171.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

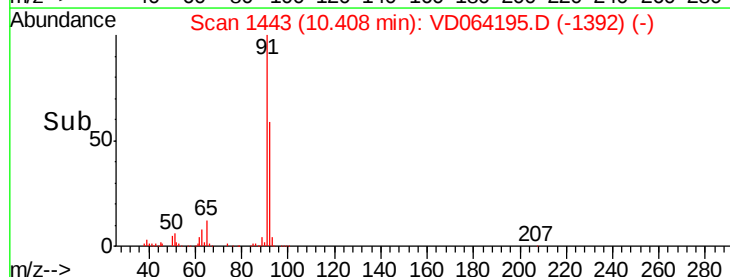
600000

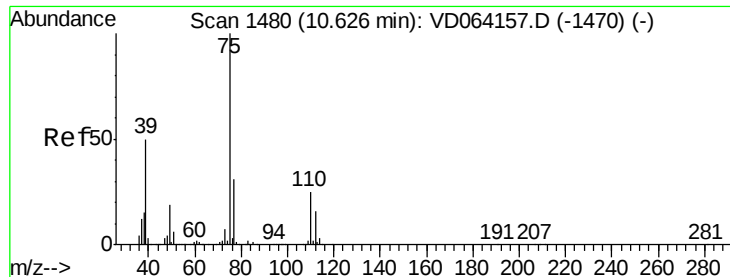
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.553 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

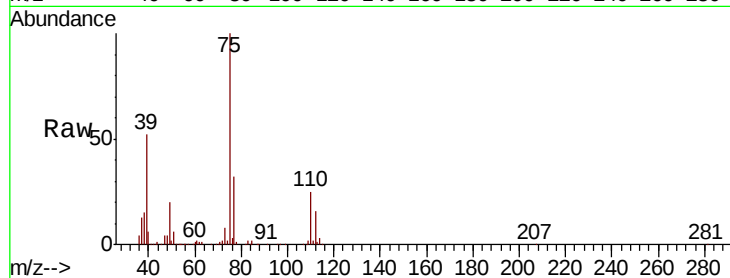
ClientSampled :

Tot Ion: 75 Resp: 376877

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

200000

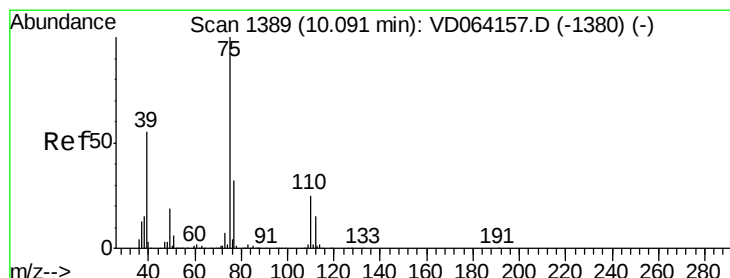
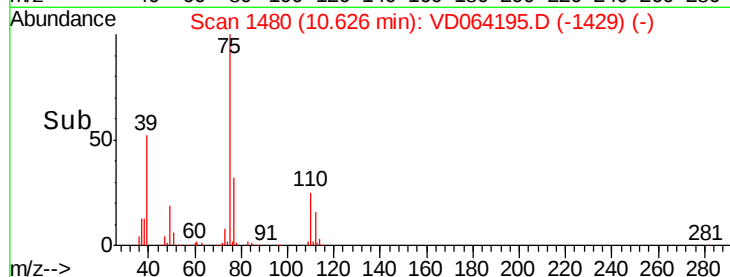
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.981 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

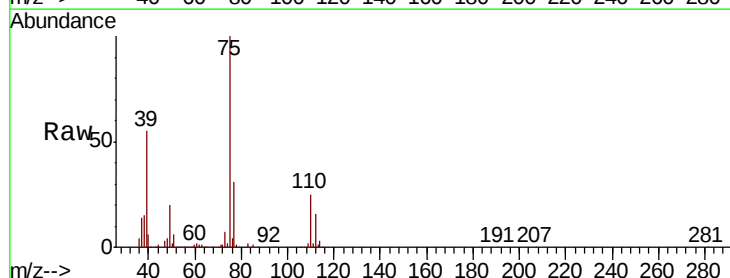
Tgt Ion: 75 Resp: 443666

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 55.0 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

300000

250000

200000

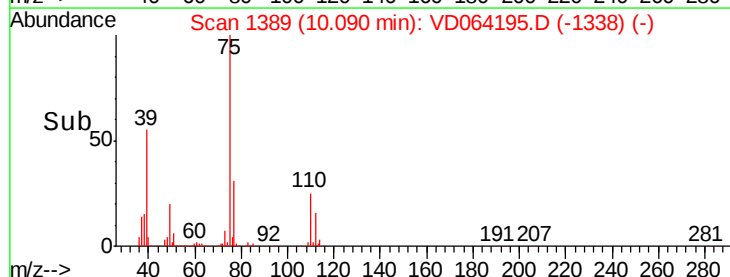
150000

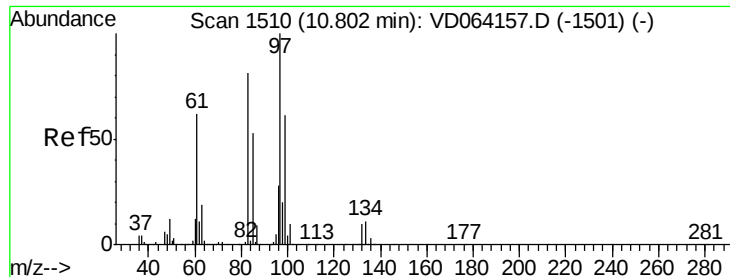
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.747 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 198018

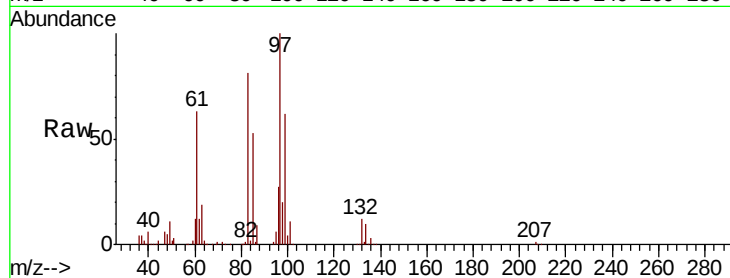
Ion Ratio Lower Upper

97 100

83 81.0 65.1 97.7

85 53.3 42.0 63.0

99 62.4 48.9 73.3

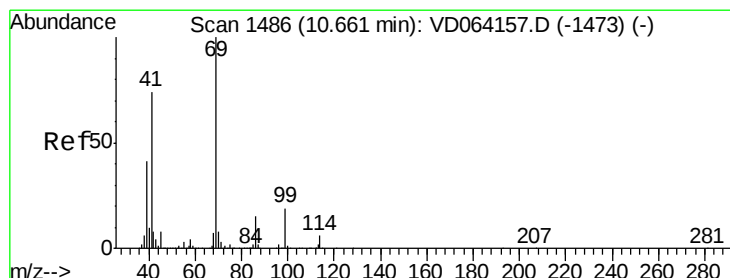
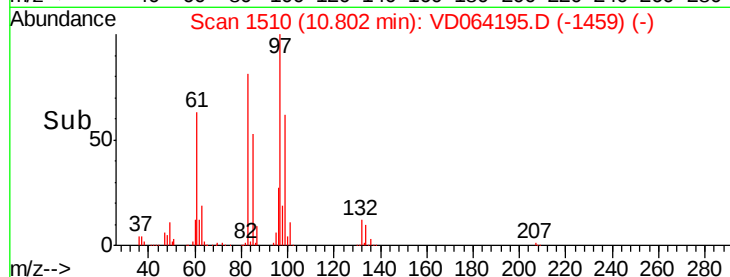
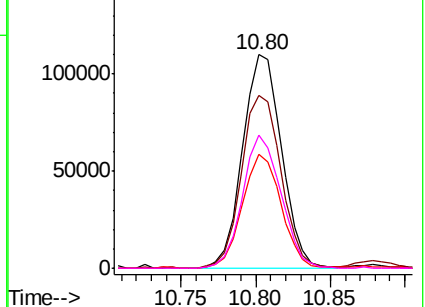


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 48.965 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

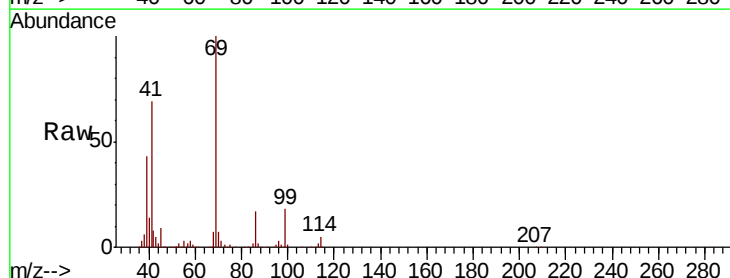
Tgt Ion: 69 Resp: 267274

Ion Ratio Lower Upper

69 100

41 70.5 57.9 86.9

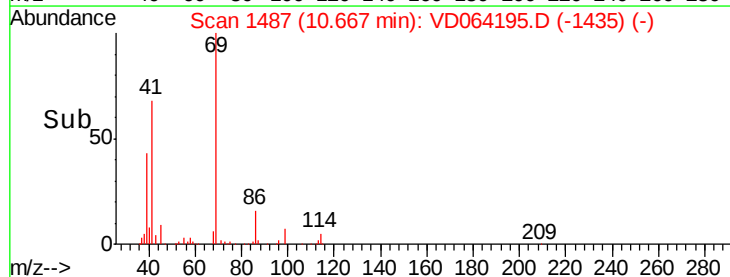
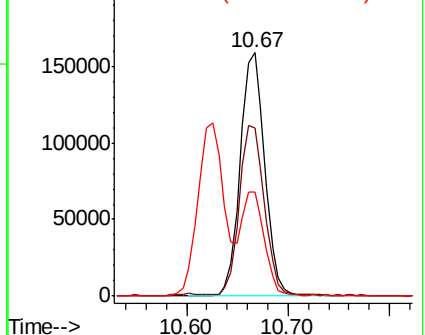
39 37.7 29.0 43.4

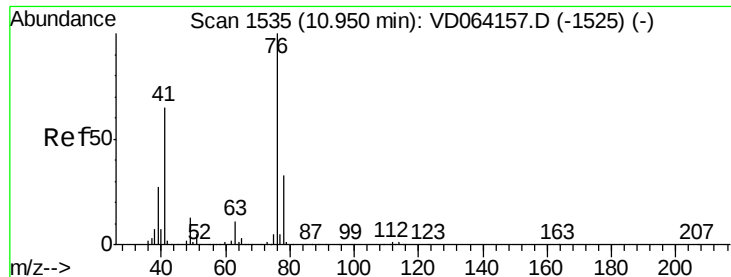


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.741 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

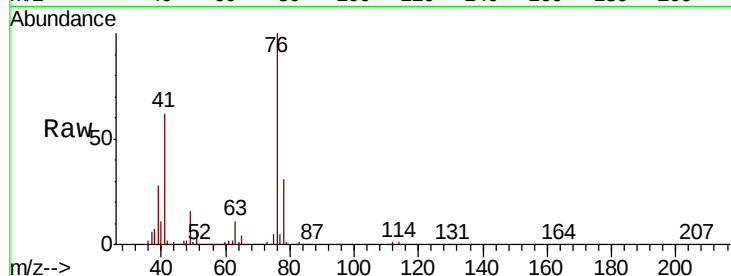
ClientSampleId :

Tot Ion: 76 Resp: 338499

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

200000

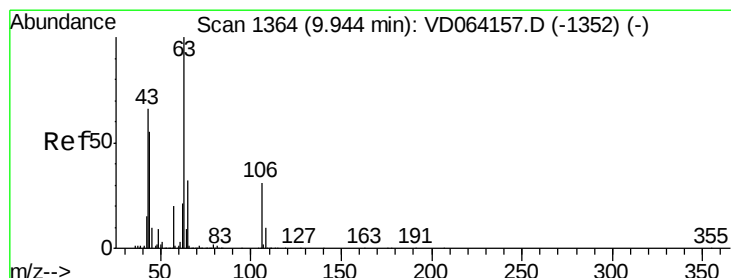
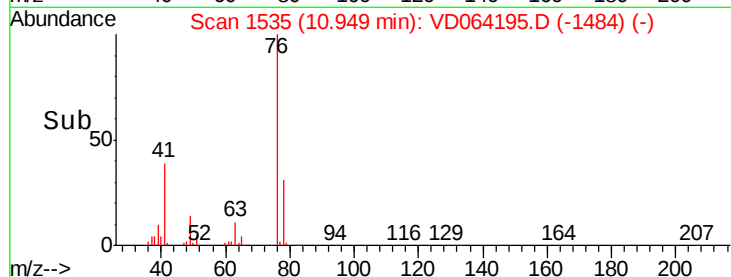
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 232.446 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064195.D

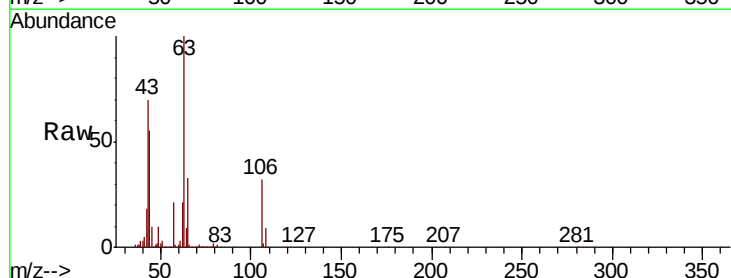
Acq: 12 Nov 2019 14:35

Tgt Ion: 63 Resp: 513958

Ion Ratio Lower Upper

63 100

106 30.9 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

300000

250000

200000

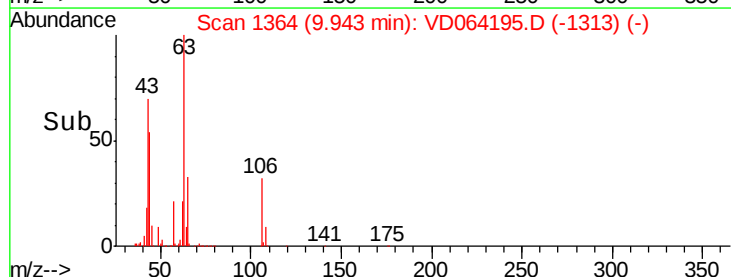
150000

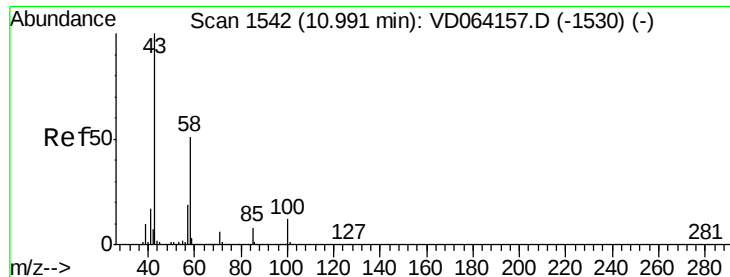
100000

50000

0

Time-->

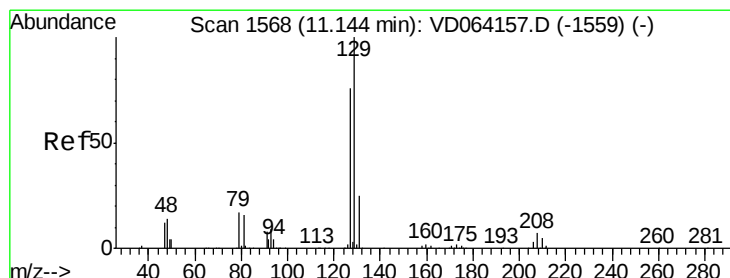
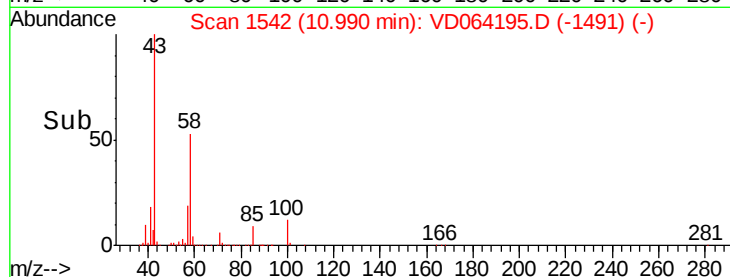
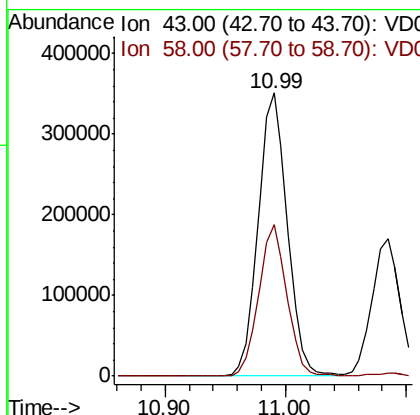
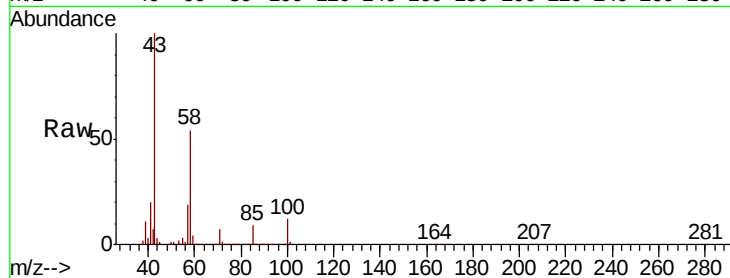




#59
2-Hexanone
Concen: 244.273 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

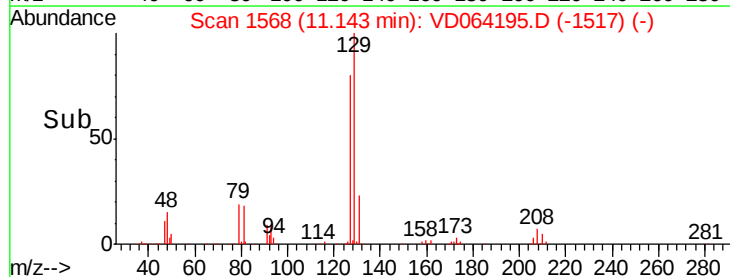
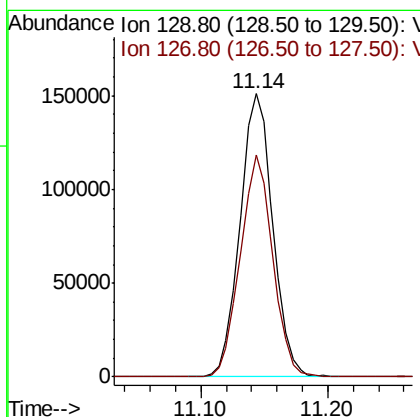
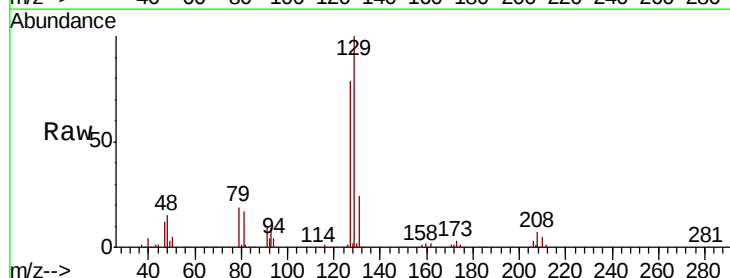
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 584686
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7



#60
Dibromochloromethane
Concen: 49.675 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 129 Resp: 270469
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

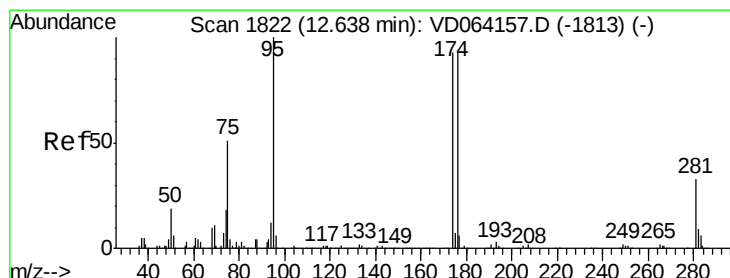
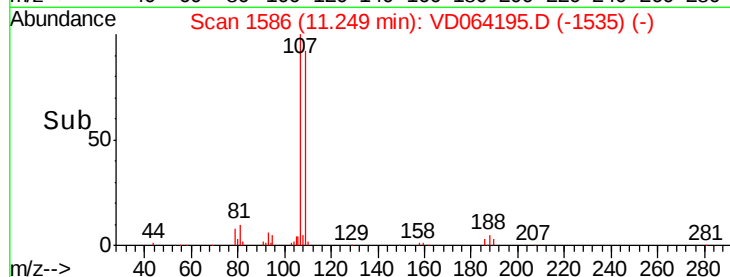
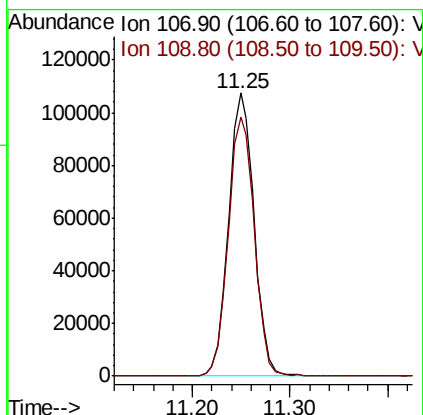
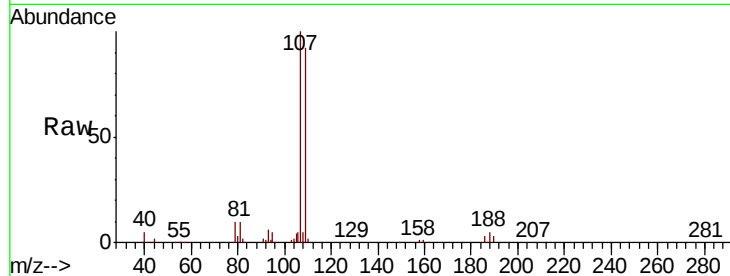




#61
 1,2-Dibromoethane
 Concen: 49.554 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

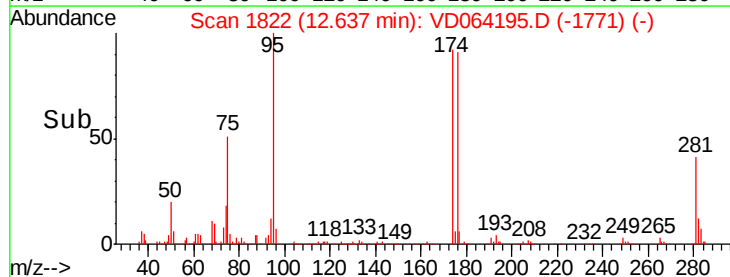
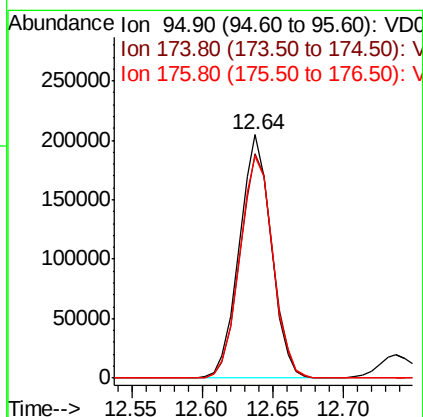
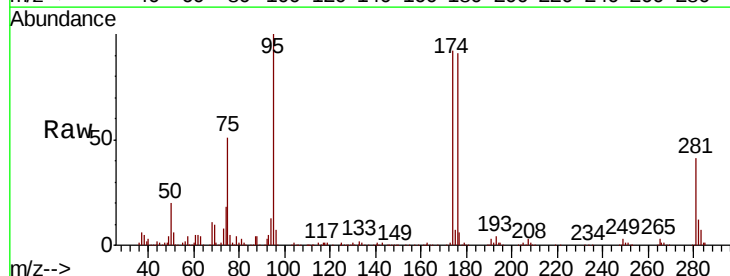
Instrument :
 MSVOA_D
 ClientSampleId :

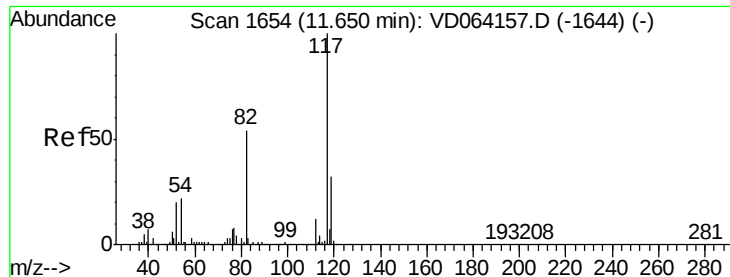
Tot Ion: 107 Resp: 193671
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.255 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion: 95 Resp: 323251
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 183.6
 176 94.8 0.0 180.2

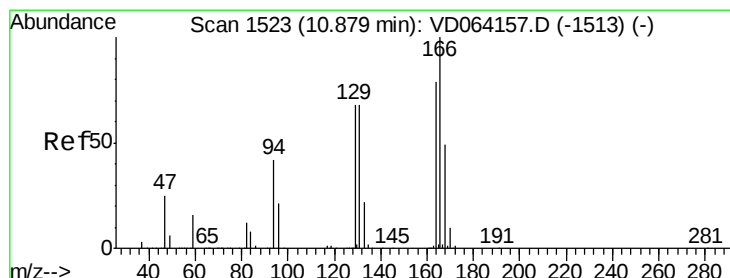
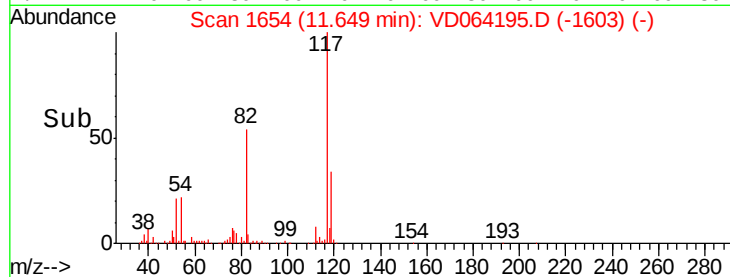
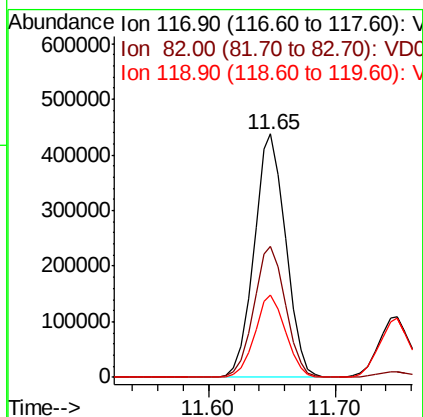
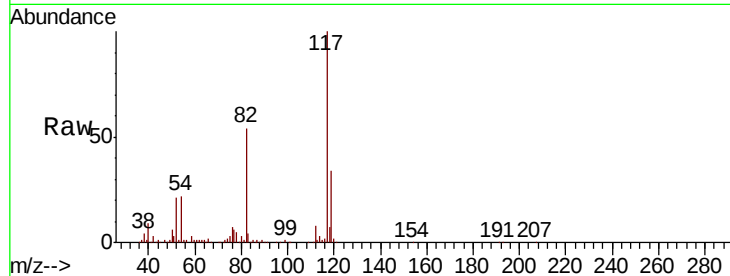




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

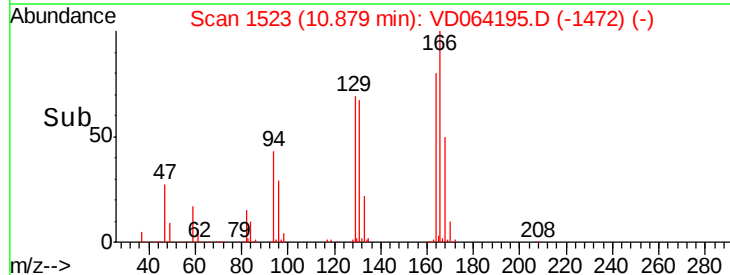
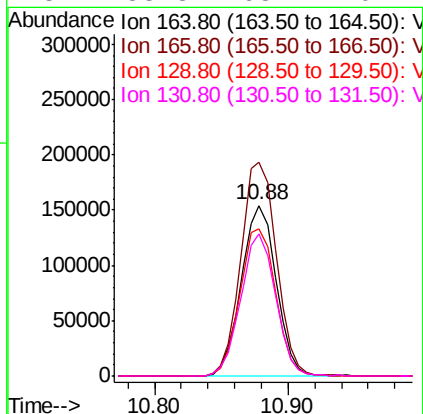
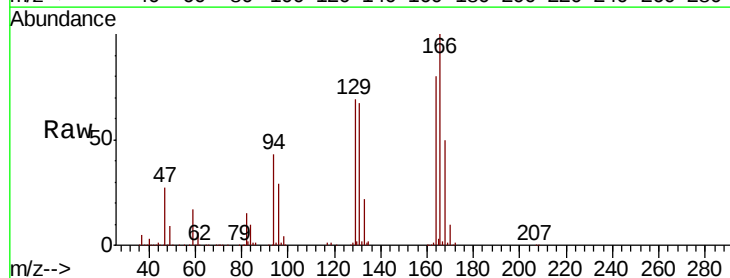
Instrument :
MSVOA_D
ClientSampled :

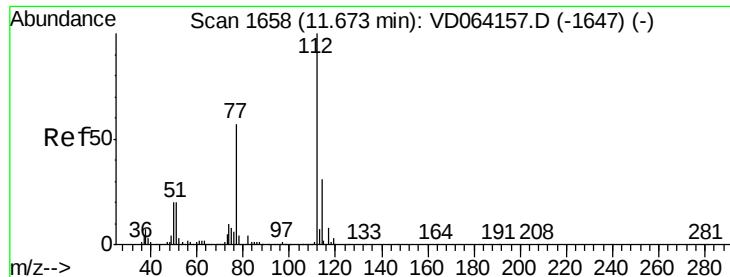
Tot Ion:117 Resp: 757301
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 33.7 25.6 38.4



#64
Tetrachloroethene
Concen: 47.830 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion:164 Resp: 278581
Ion Ratio Lower Upper
164 100
166 125.3 100.8 151.2
129 86.6 68.7 103.1
131 83.3 68.1 102.1

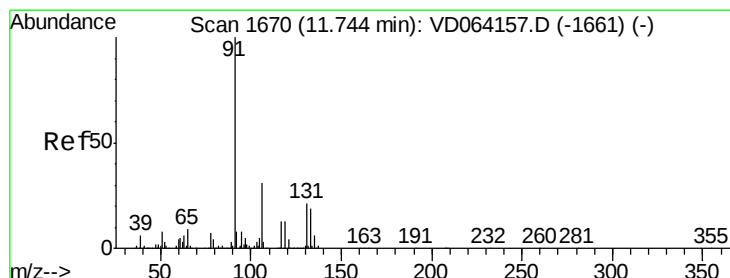
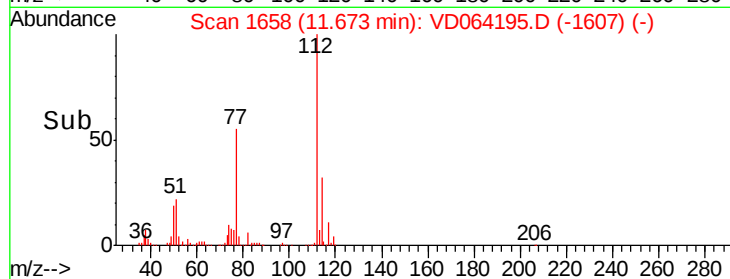
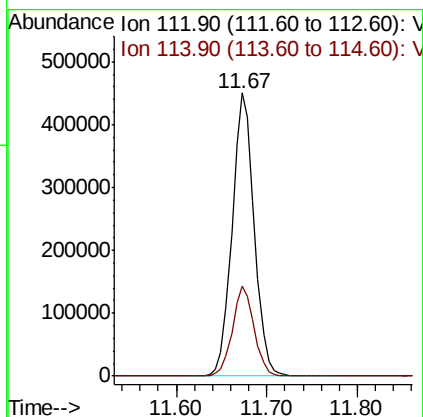
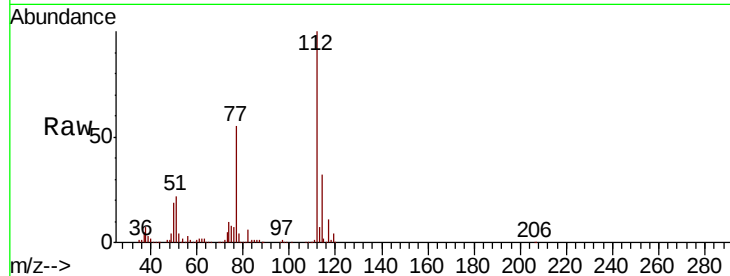




#65
Chlorobenzene
Concen: 49.357 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

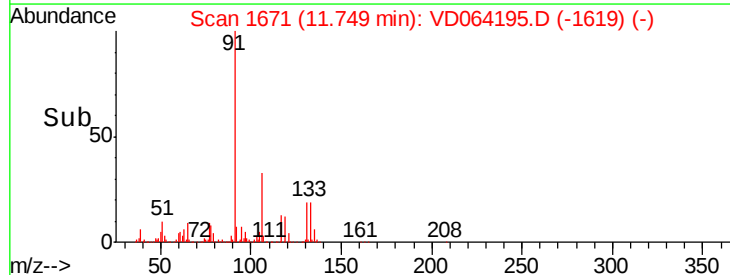
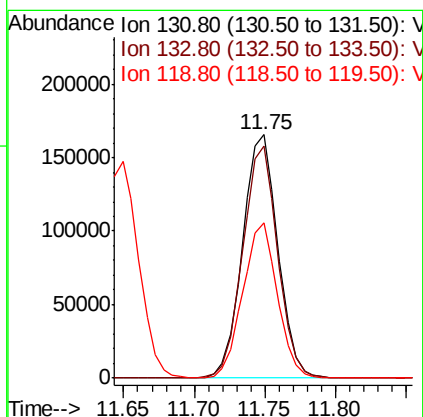
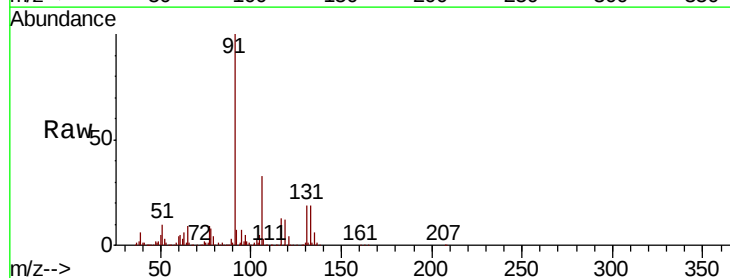
Instrument :
MSVOA_D
ClientSampled :

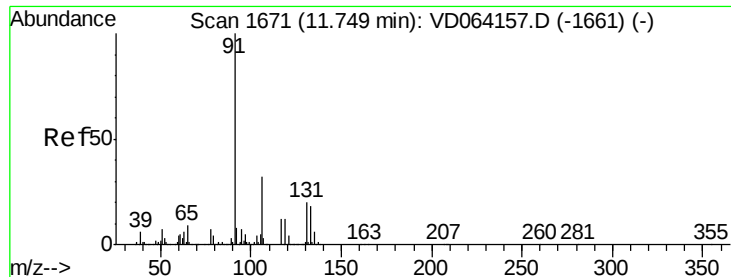
Tot Ion:112 Resp: 760092
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.611 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion:131 Resp: 290504
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 62.6 31.1 93.3





#67

Ethyl Benzene

Concen: 49.754 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

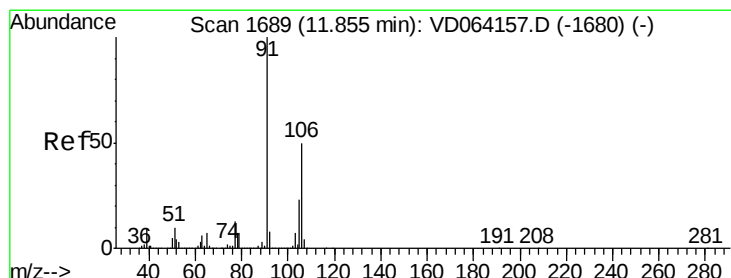
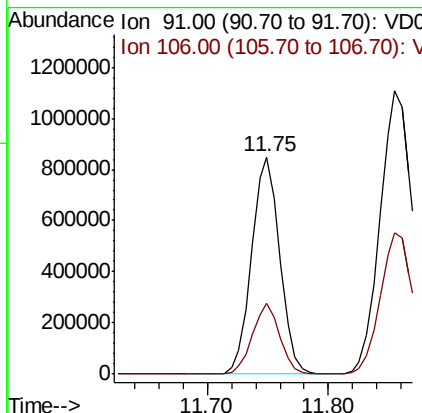
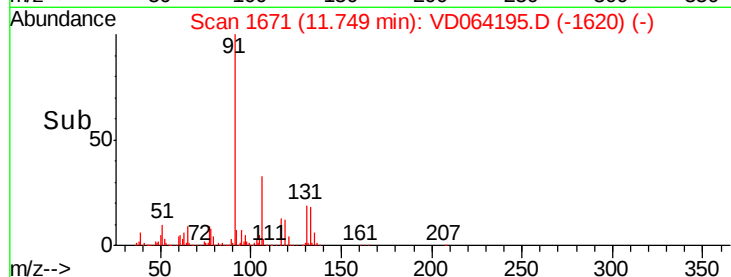
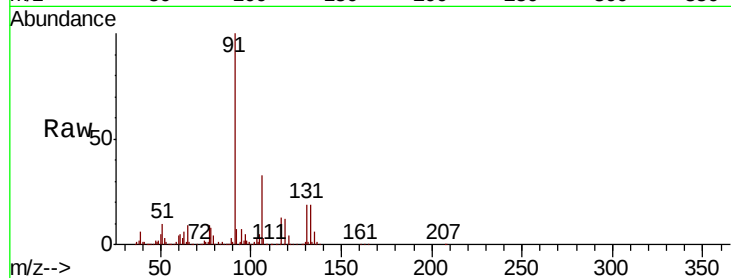
ClientSampleId :

Tot Ion: 91 Resp: 1385933

Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3



#68

m/p-Xylenes

Concen: 97.990 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064195.D

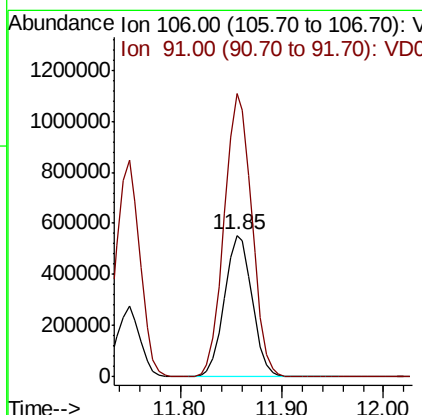
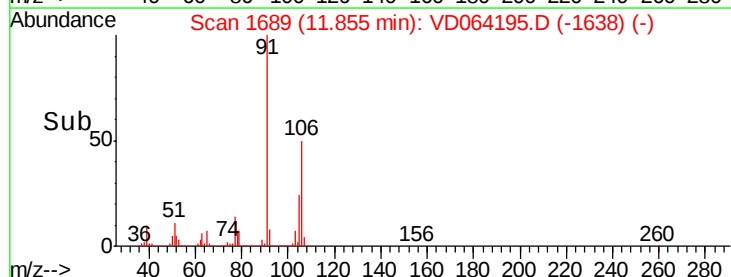
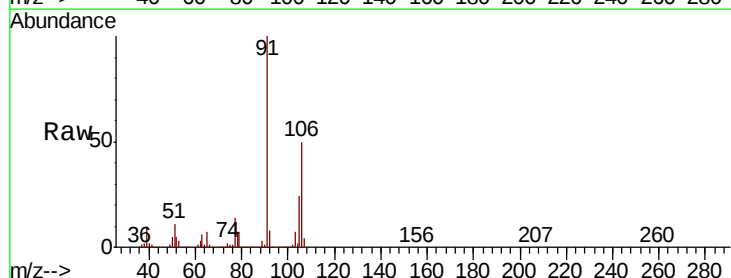
Acq: 12 Nov 2019 14:35

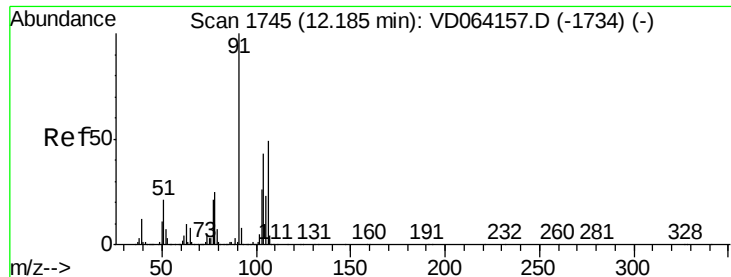
Tgt Ion: 106 Resp: 1046245

Ion Ratio Lower Upper

106 100

91 200.5 160.3 240.5

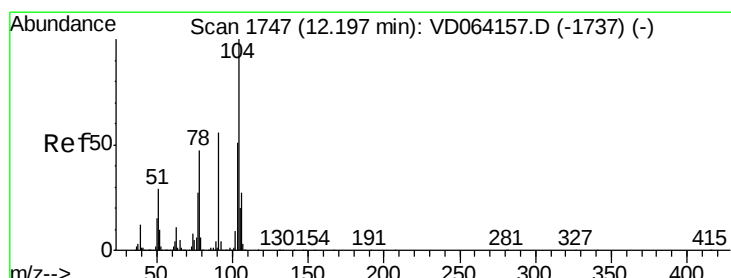
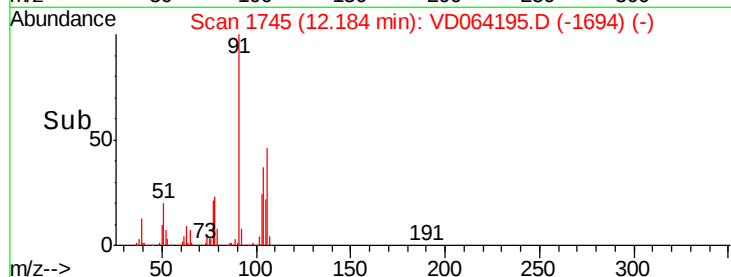
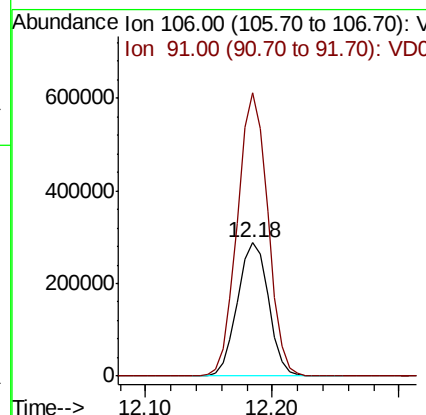
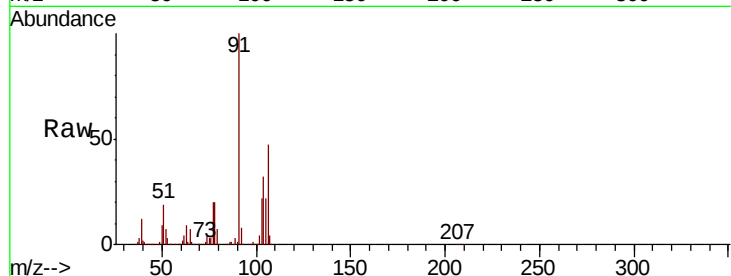




#69
o-Xylene
Concen: 49.404 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

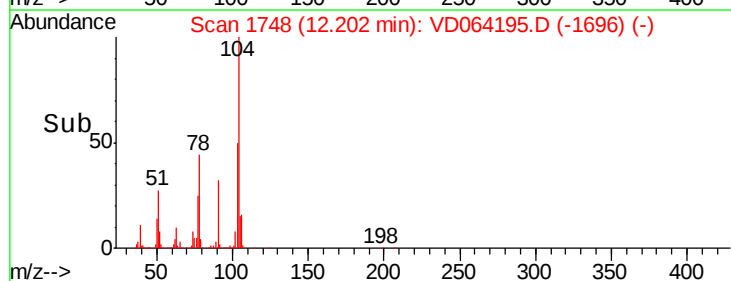
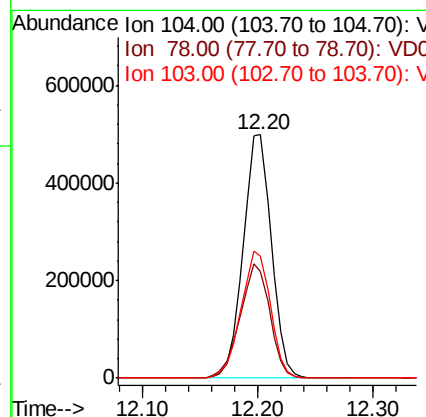
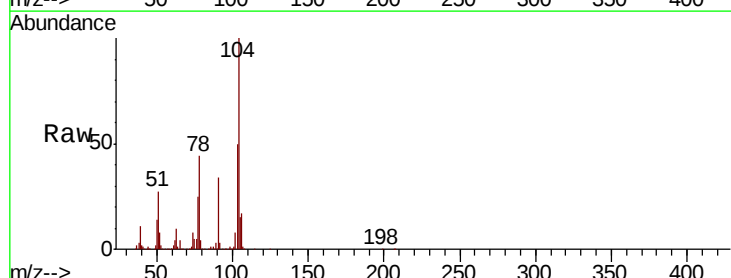
Instrument :
MSVOA_D
ClientSampleId :

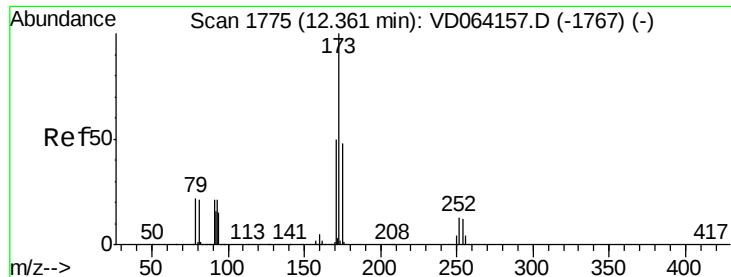
Tot Ion:106 Resp: 489211
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.3



#70
Styrene
Concen: 48.995 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion:104 Resp: 846883
Ion Ratio Lower Upper
104 100
78 49.7 39.9 59.9
103 54.6 43.4 65.0





#71

Bromoform

Concen: 49.019 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

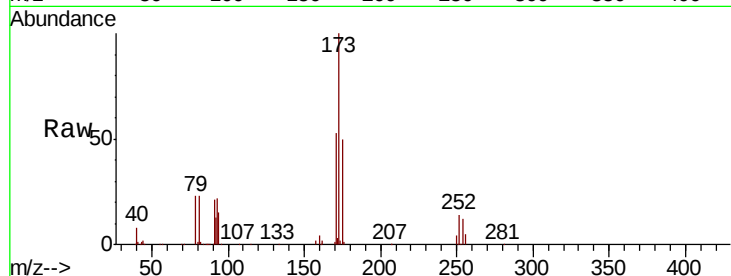
Tot Ion:173 Resp: 163355

Ion Ratio Lower Upper

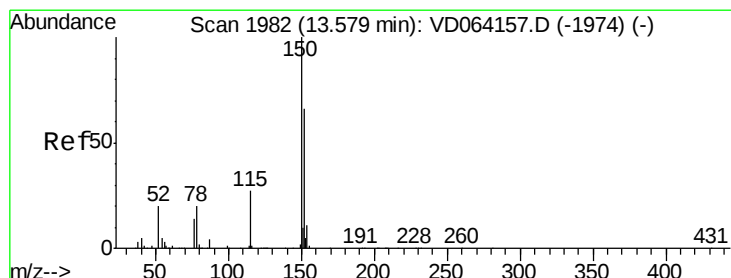
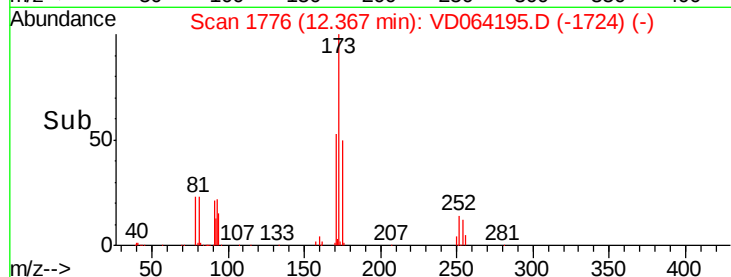
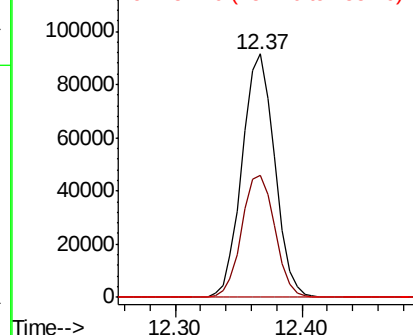
173 100

175 51.0 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

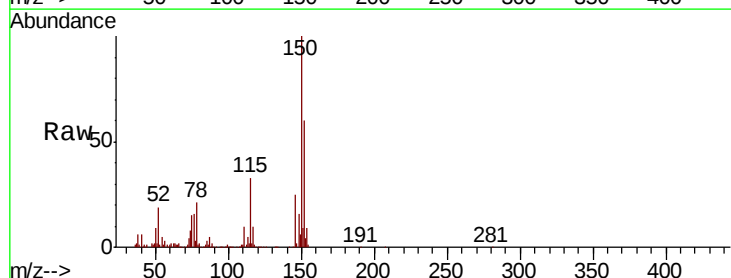
Tgt Ion:152 Resp: 376344

Ion Ratio Lower Upper

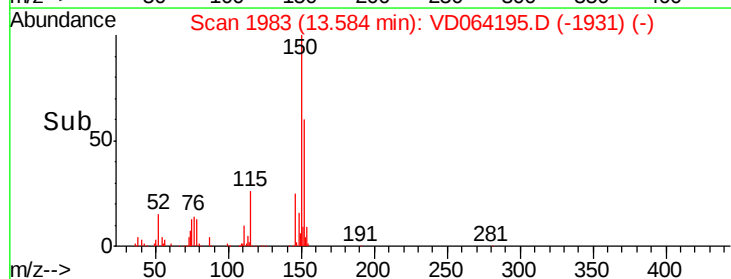
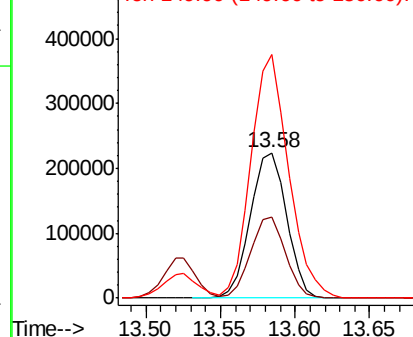
152 100

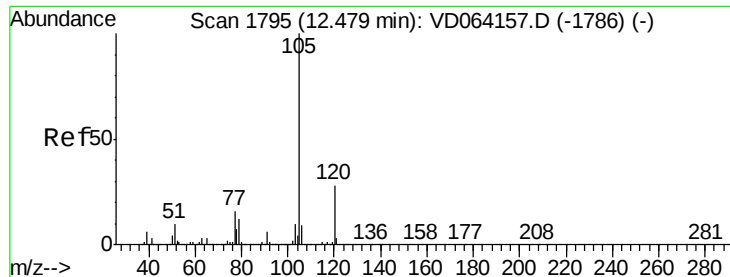
115 53.7 27.4 82.2

150 173.6 0.0 351.6



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: 47.650 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

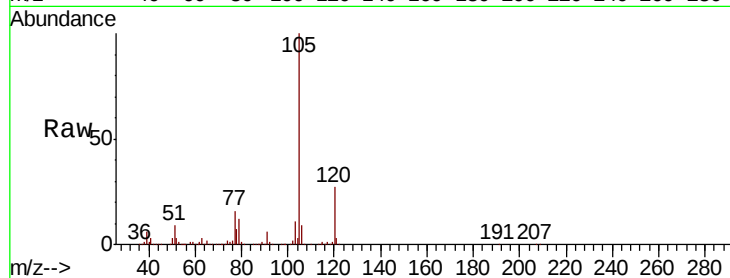
ClientSampleId :

Tot Ion:105 Resp: 1316260

Ion Ratio Lower Upper

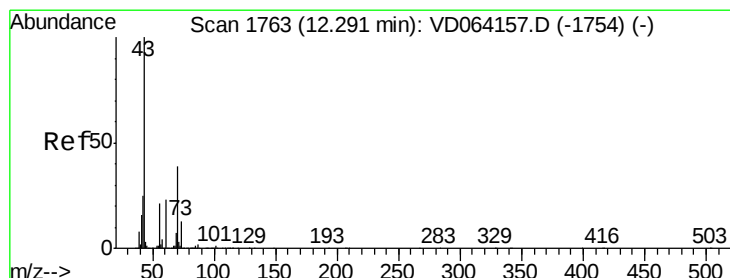
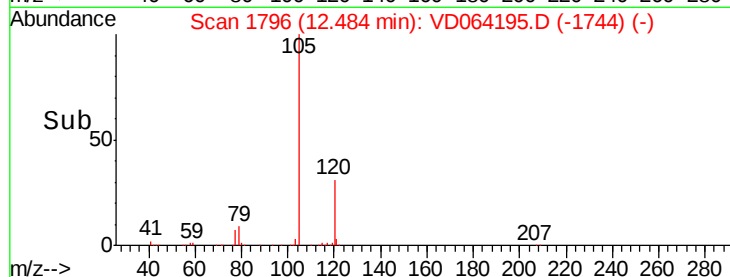
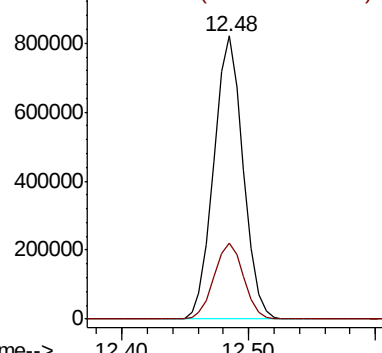
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.563 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Tgt Ion: 43 Resp: 310265

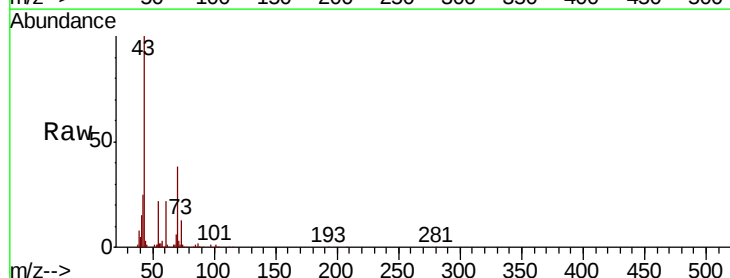
Ion Ratio Lower Upper

43 100

70 39.9 32.4 48.6

55 21.8 17.9 26.9

61 22.8 19.0 28.4

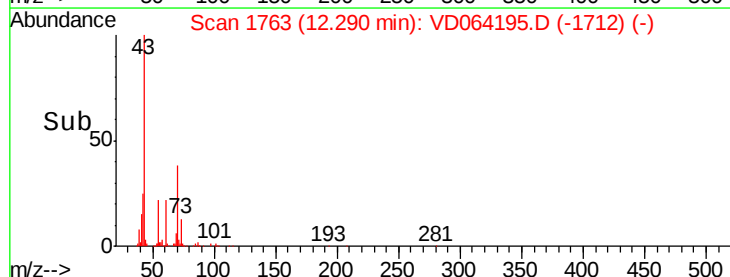
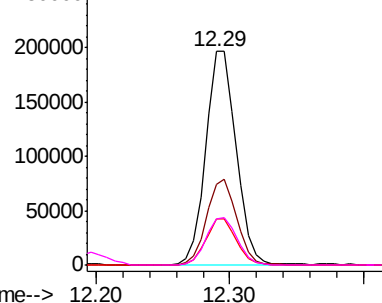


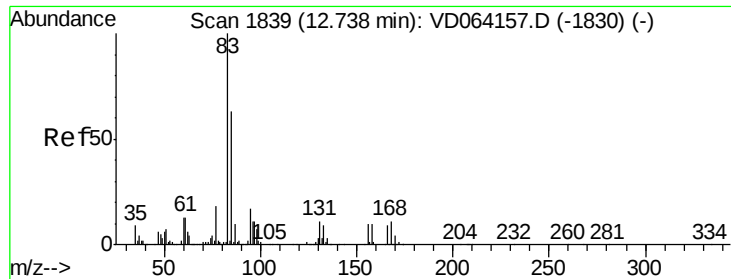
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.182 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

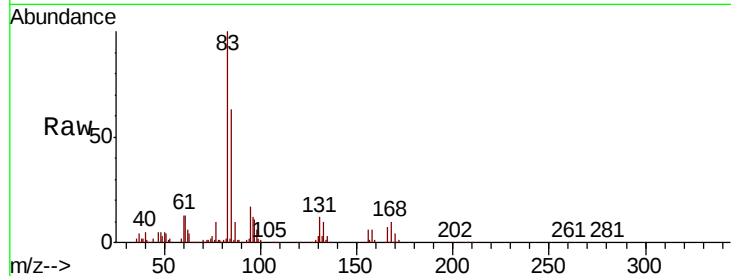
Tot Ion: 83 Resp: 200553

Ion Ratio Lower Upper

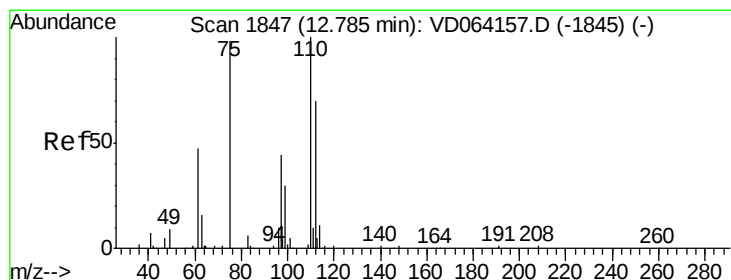
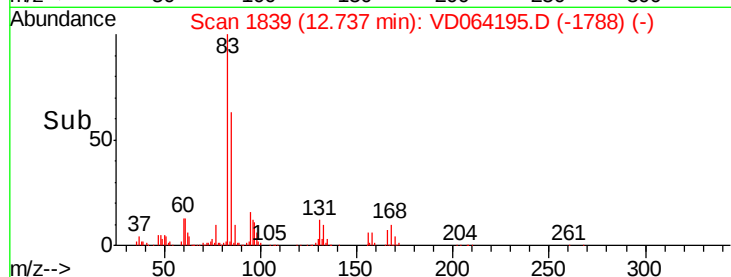
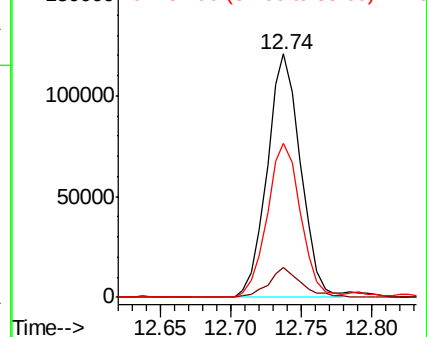
83 100

131 12.1 5.9 17.7

85 63.7 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 91.403 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064195.D

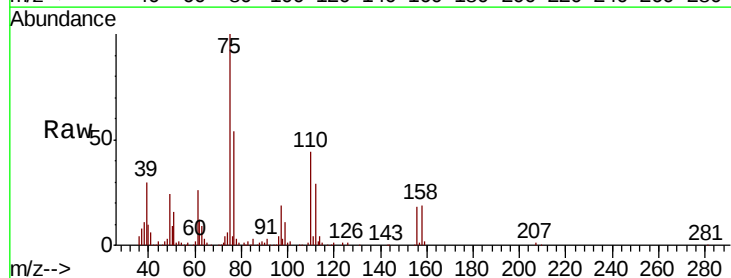
Acq: 12 Nov 2019 14:35

Tgt Ion: 75 Resp: 277074

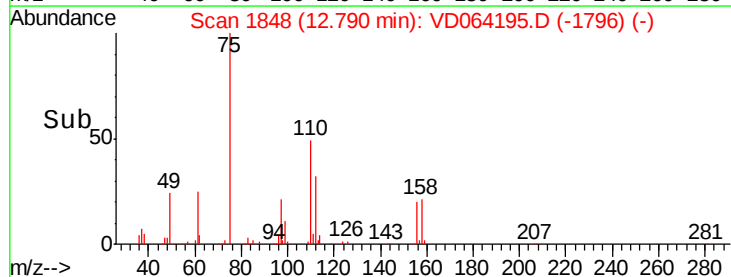
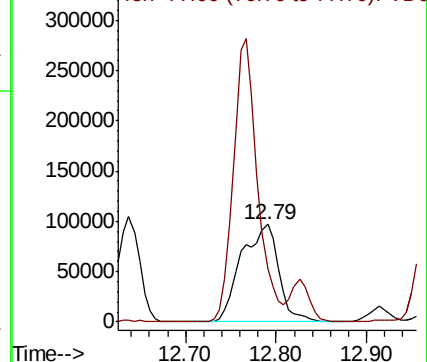
Ion Ratio Lower Upper

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: 47.939 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

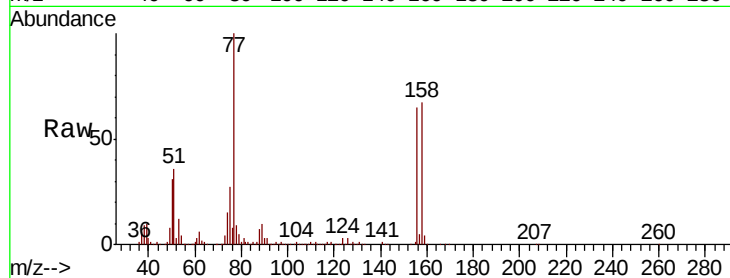
Tot Ion:156 Resp: 321716

Ion Ratio Lower Upper

156 100

77 163.5 81.2 243.4

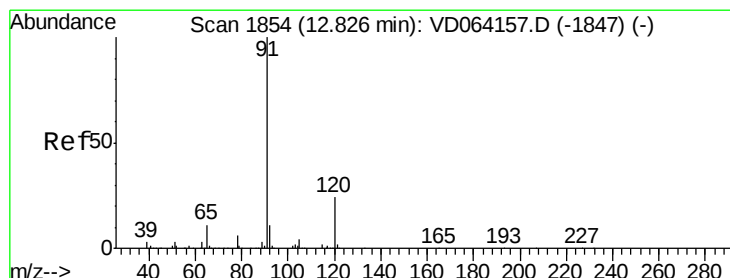
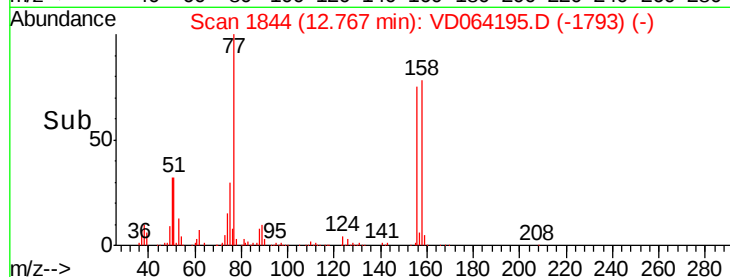
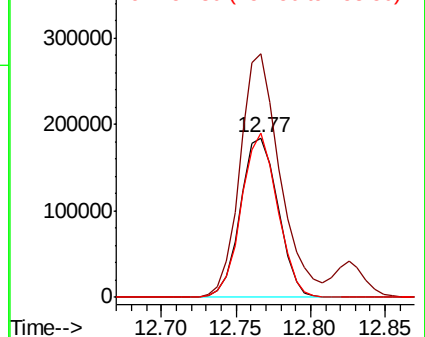
158 99.0 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.143 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064195.D

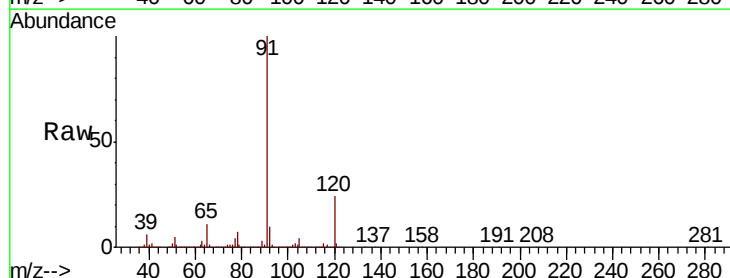
Acq: 12 Nov 2019 14:35

Tgt Ion: 91 Resp: 1519399

Ion Ratio Lower Upper

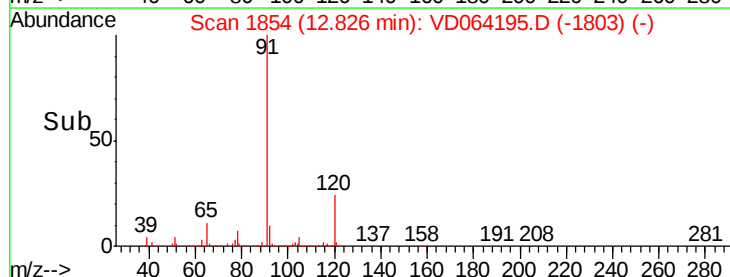
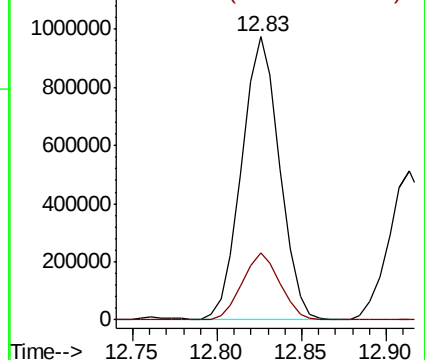
91 100

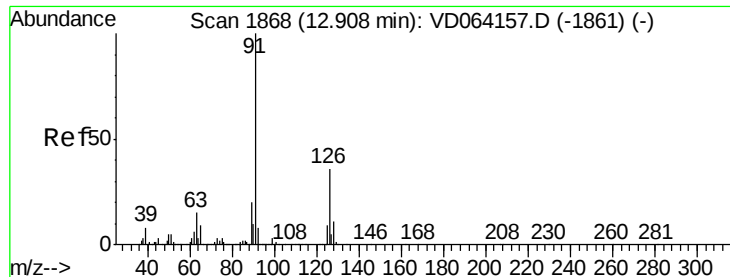
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.358 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064195.D

Acq: 12 Nov 2019 14:35

Instrument :

MSVOA_D

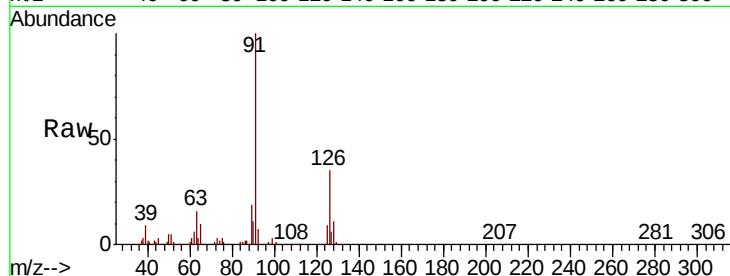
ClientSampled :

Tot Ion: 91 Resp: 843832

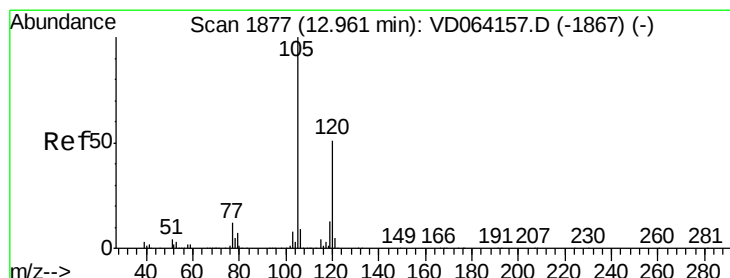
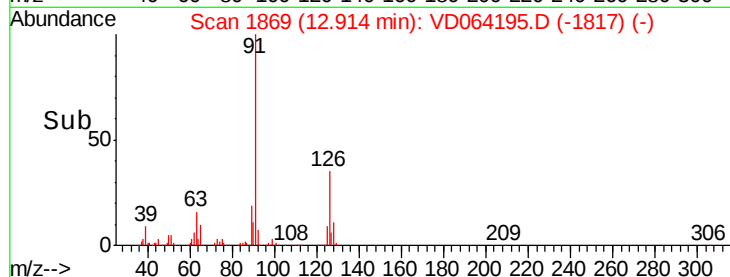
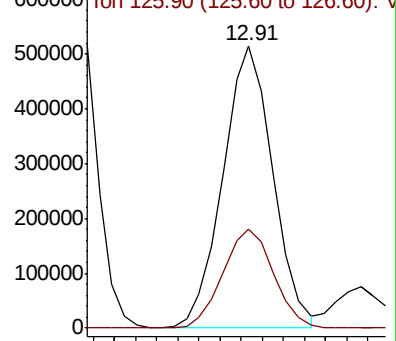
Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD064157.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.104 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064195.D

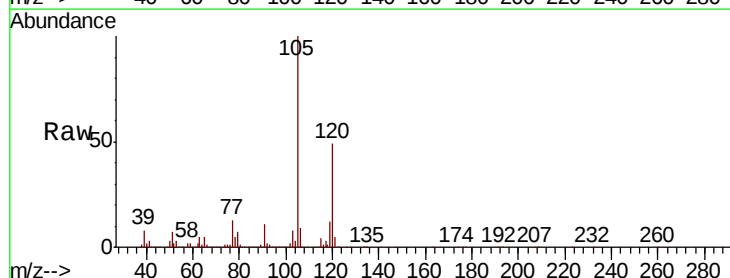
Acq: 12 Nov 2019 14:35

Tgt Ion: 105 Resp: 1091869

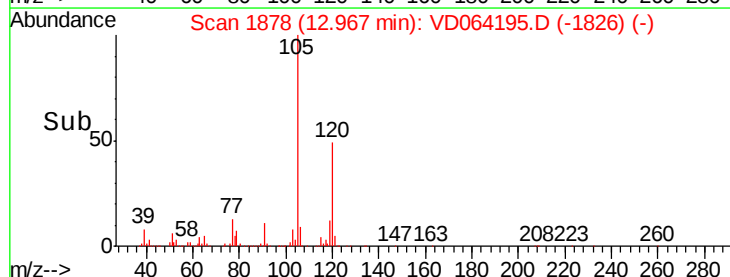
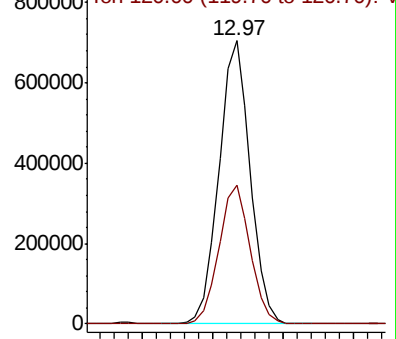
Ion Ratio Lower Upper

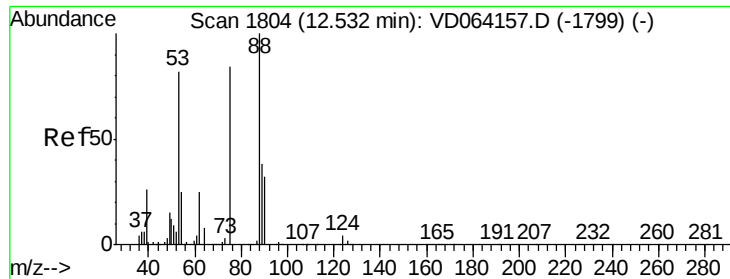
105 100

120 49.3 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): VD064157.D (-1867) (-)

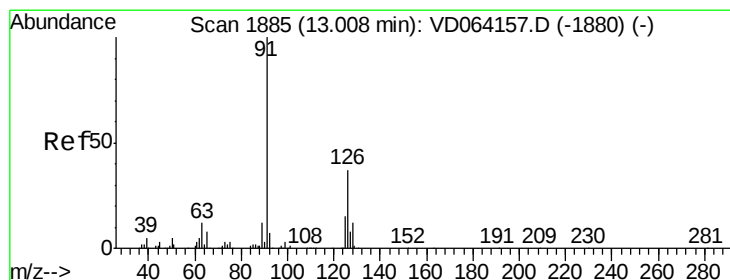
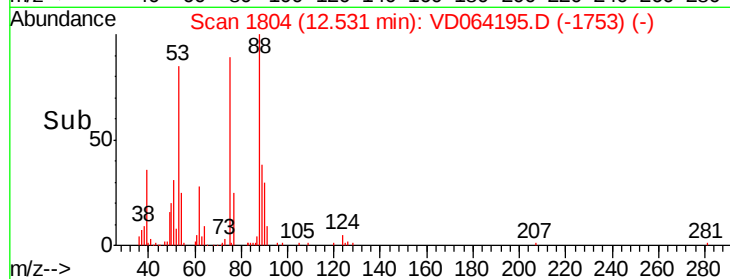
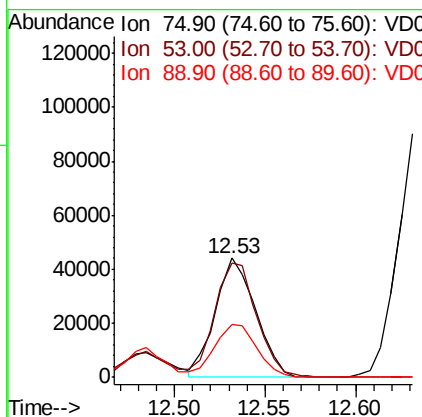
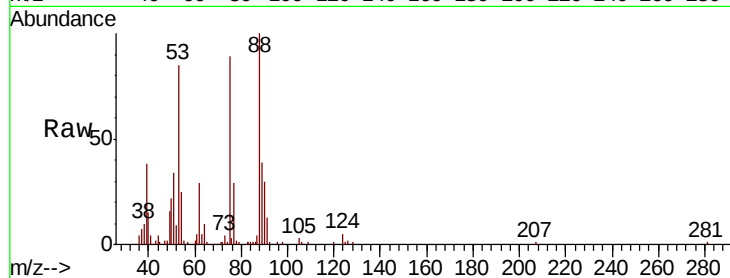




#81
trans-1,4-Dichloro-2-butene
Concen: 45.112 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

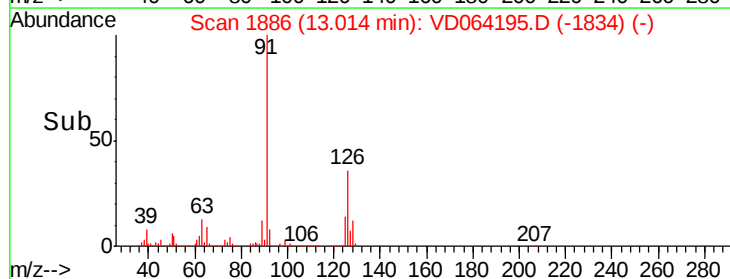
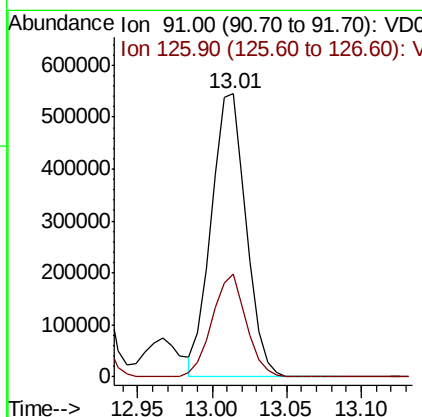
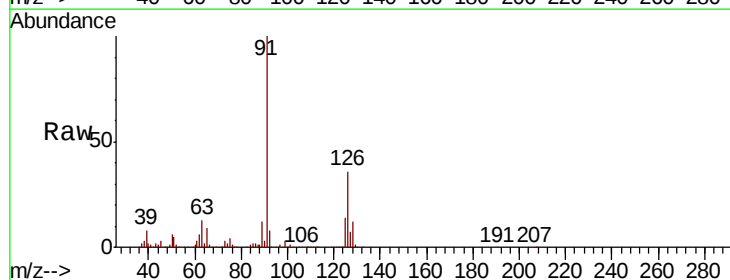
Instrument :
MSVOA_D
ClientSampleId :

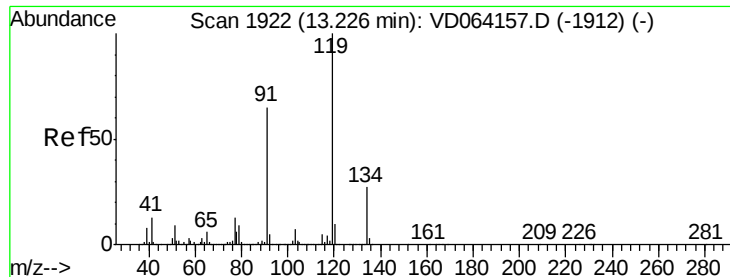
Tot Ion: 75 Resp: 68844
Ion Ratio Lower Upper
75 100
53 101.4 79.4 119.0
89 46.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 47.686 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 91 Resp: 886232
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.4

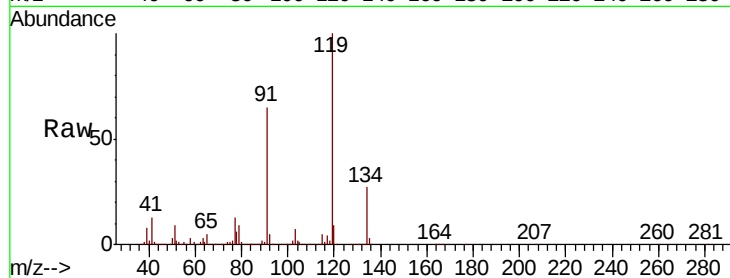




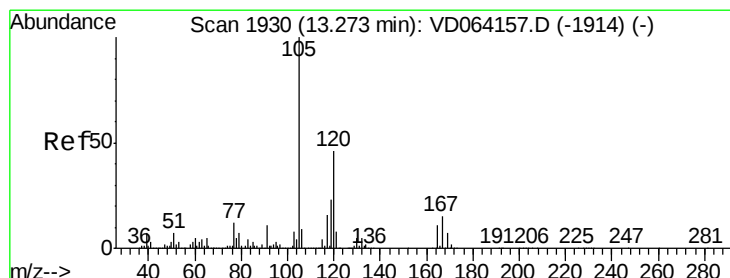
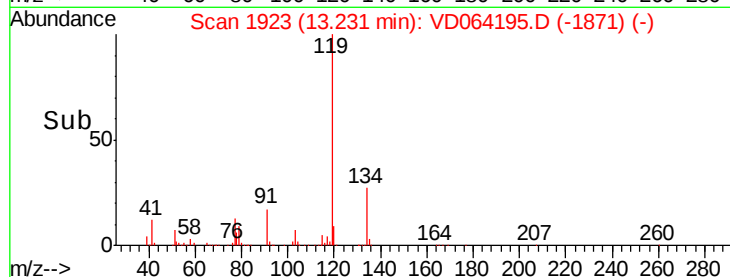
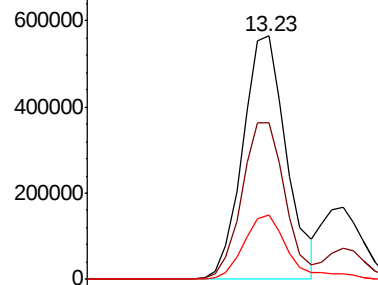
#83
tert-Butylbenzene
Concen: 47.327 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 947239
Ion Ratio Lower Upper
119 100
91 63.6 31.8 95.4
134 27.5 13.7 41.0

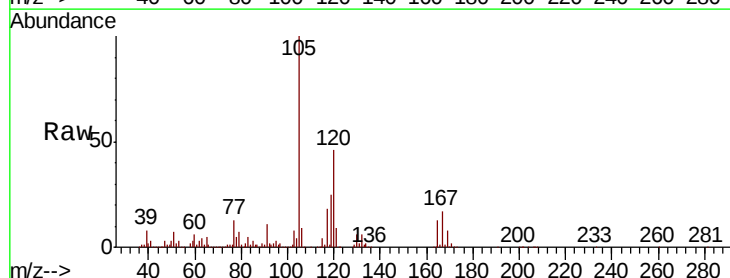


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

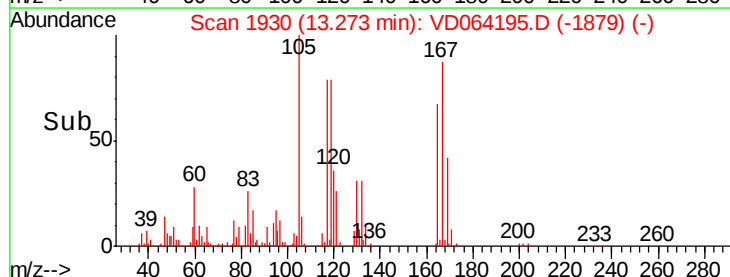
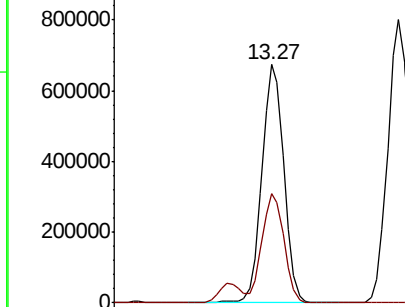


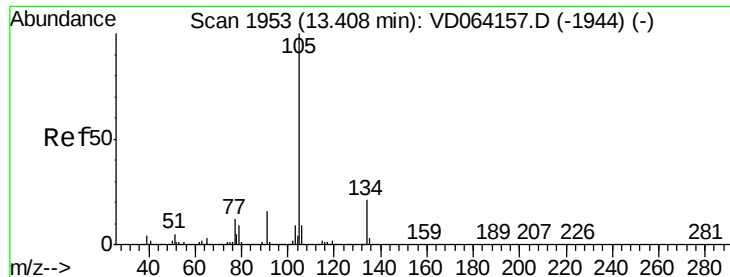
#84
1,2,4-Trimethylbenzene
Concen: 48.453 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion:105 Resp: 1085798
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8



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

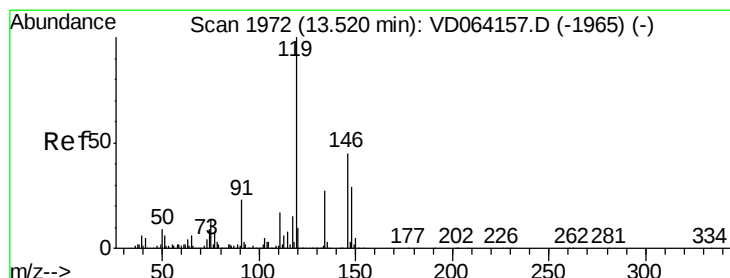
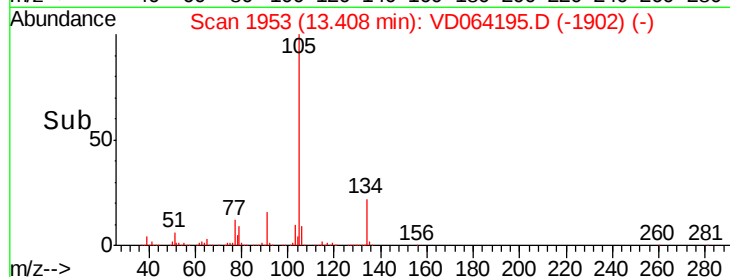
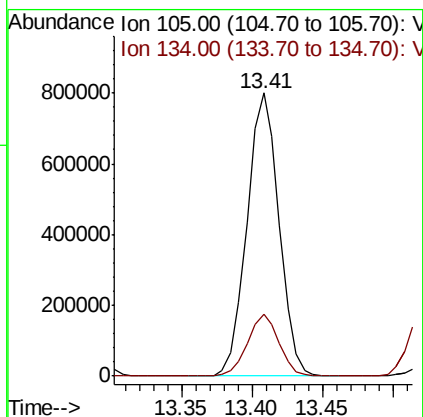
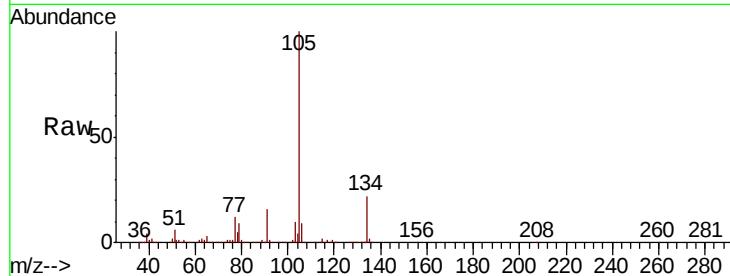




#85
 sec-Butylbenzene
 Concen: 47.334 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

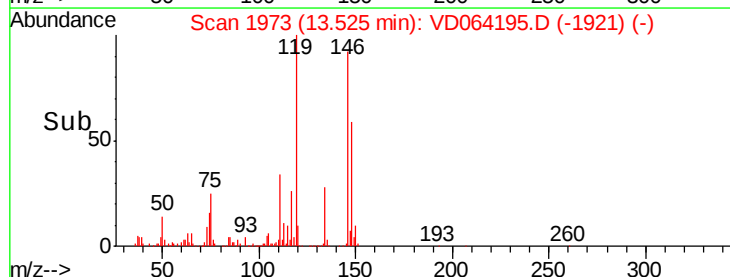
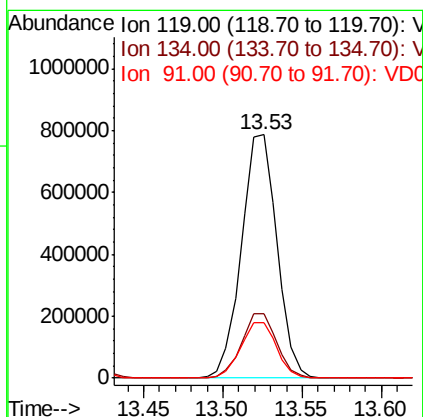
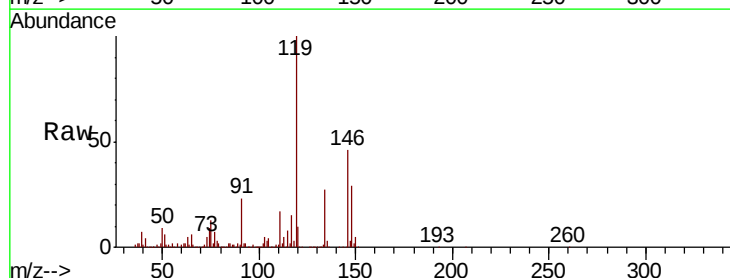
Instrument :
 MSVOA_D
 ClientSampleID :

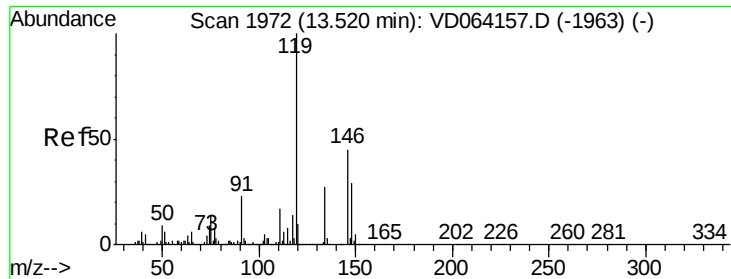
Tot Ion:105 Resp: 1272412
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 47.733 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion:119 Resp: 1219880
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 23.2 11.5 34.4

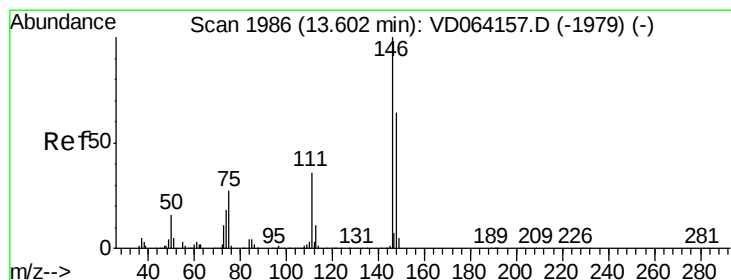
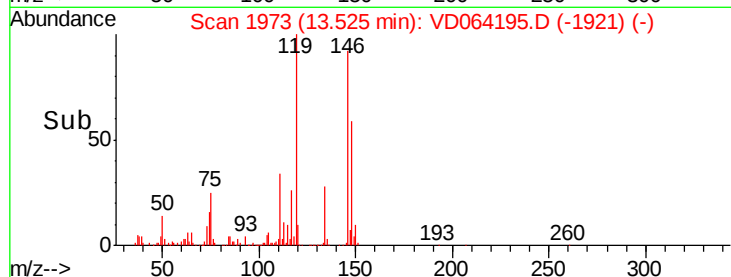
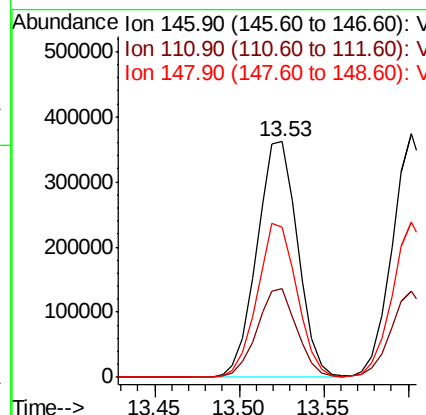
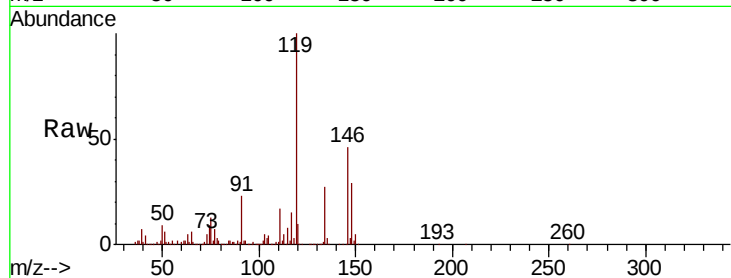




#87
 1,3-Dichlorobenzene
 Concen: 48.882 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

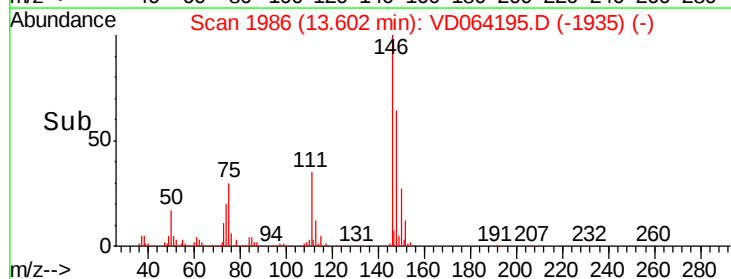
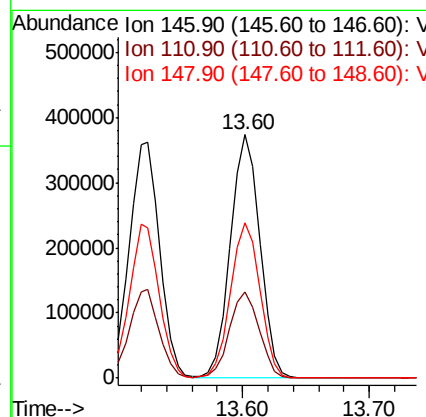
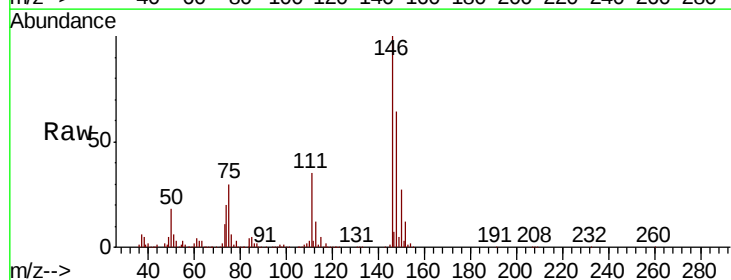
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 608942
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.9
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.412 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion:146 Resp: 600761
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 63.7 31.9 95.7

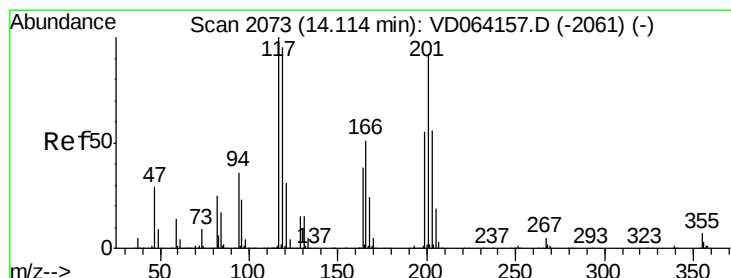
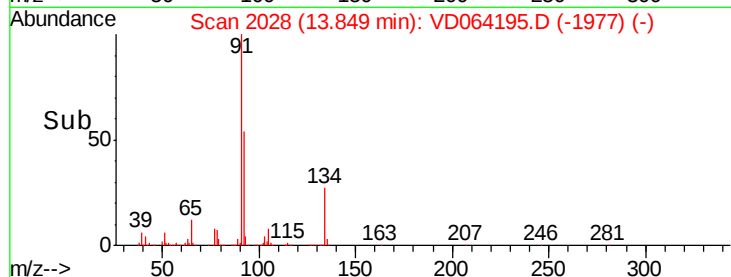
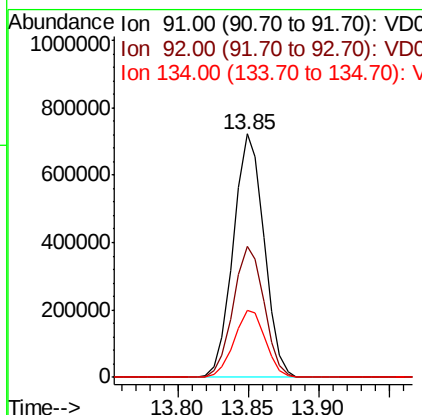
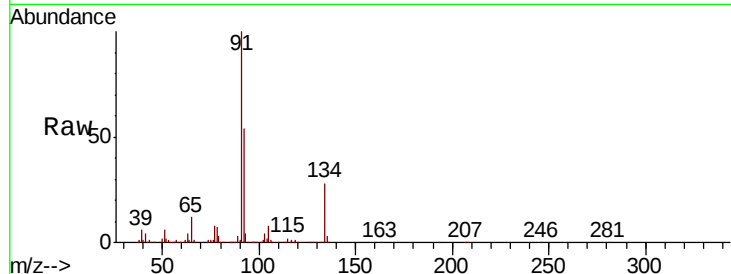




#89
n-Butylbenzene
Concen: 47.547 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

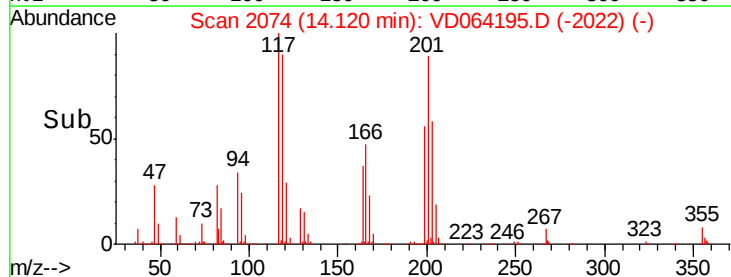
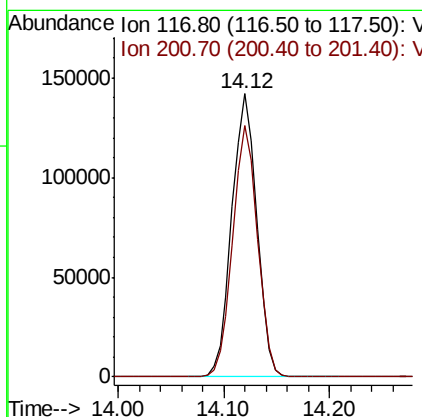
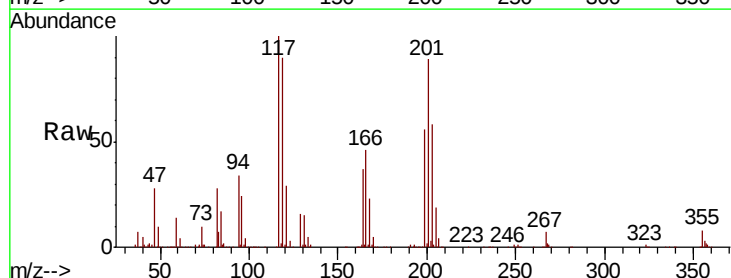
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 1097798
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.8
134 27.8 14.1 42.4



#90
Hexachloroethane
Concen: 48.990 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion: 117 Resp: 231383
Ion Ratio Lower Upper
117 100
201 88.0 45.8 137.4

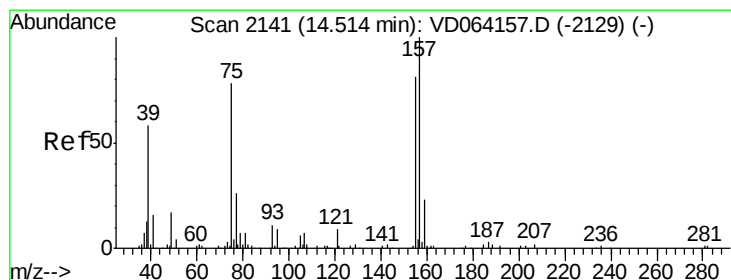
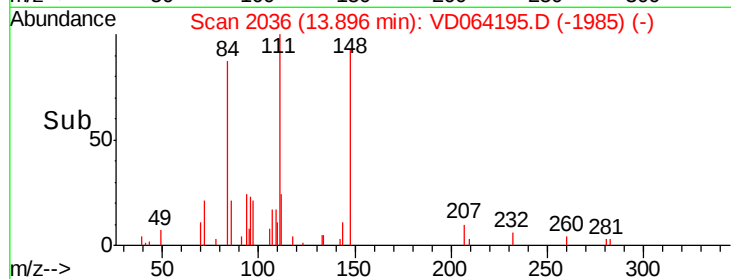
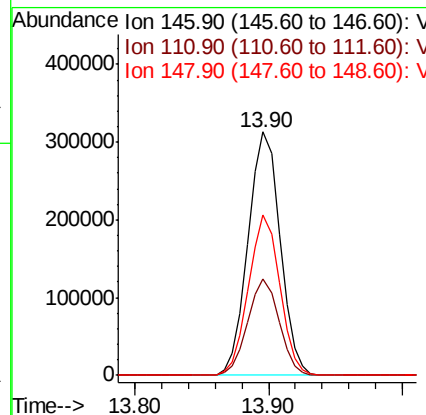
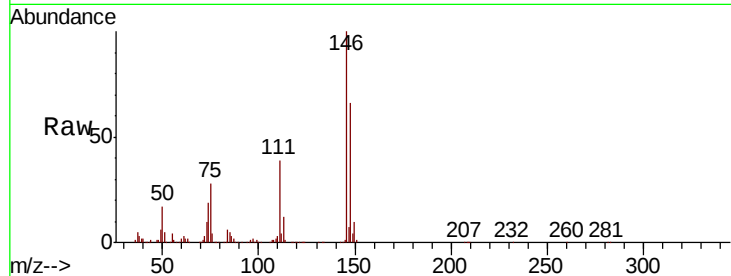




#91
1,2-Dichlorobenzene
Concen: 49.236 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

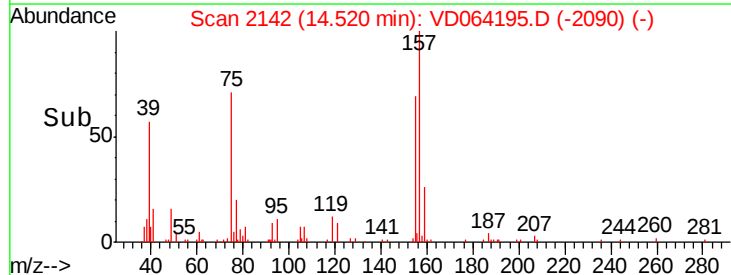
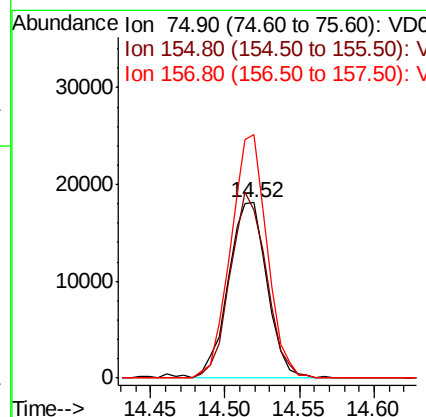
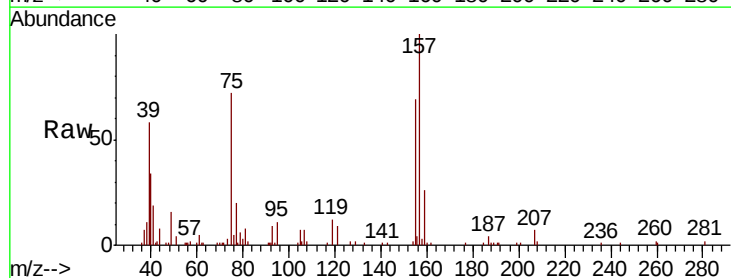
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.0
148	64.1	32.3	96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.157 ug/l
RT: 14.52 min Scan# 2142
Delta R.T. 0.01 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	48.0	144.0
157	130.4	61.5	184.4

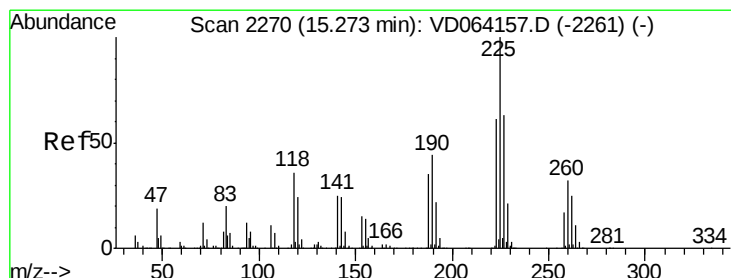
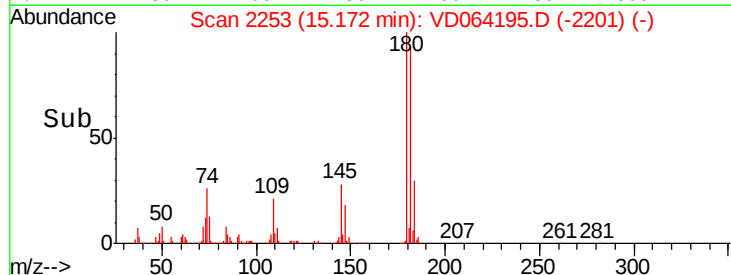
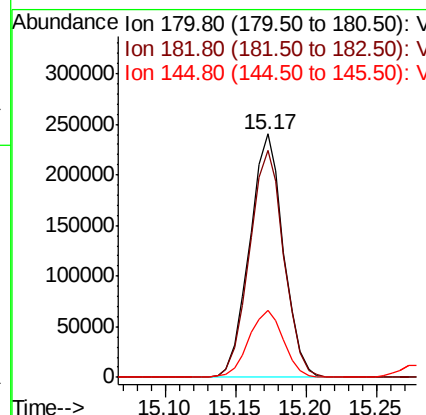
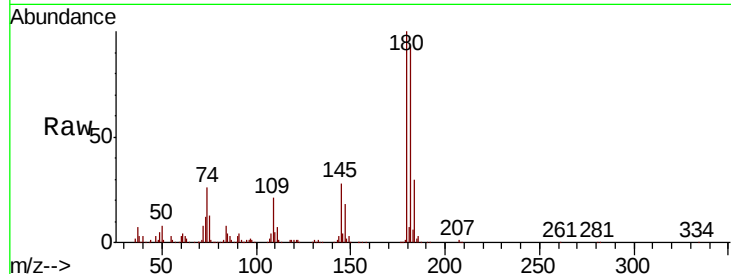




#93
 1,2,4-Trichlorobenzene
 Concen: 49.680 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

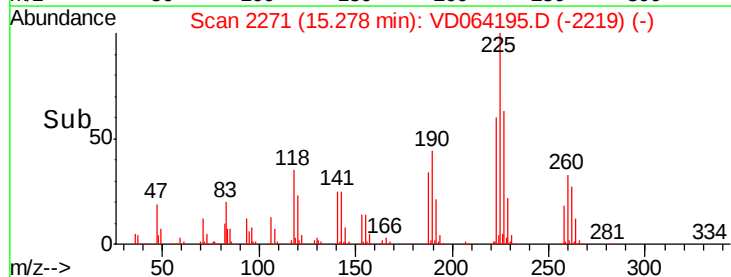
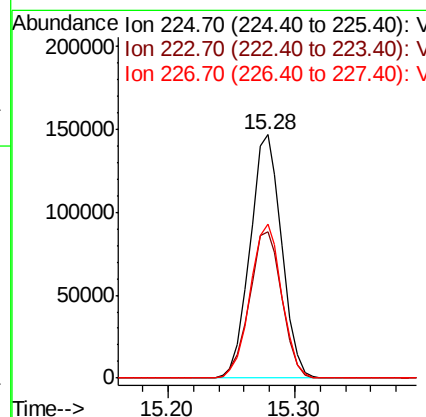
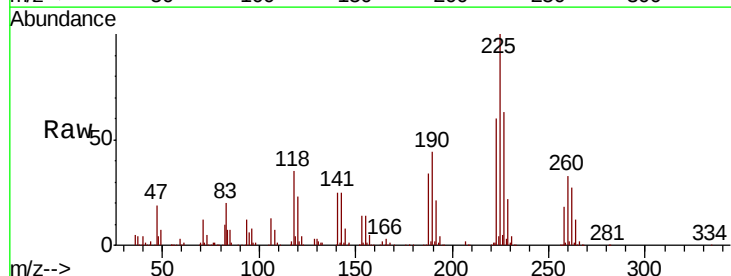
Instrument :
 MSVOA_D
 ClientSampled :

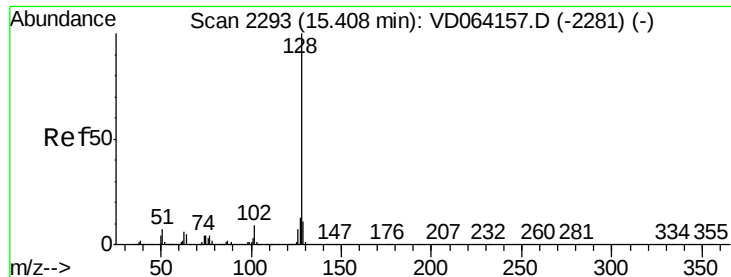
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.5
145	28.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 48.194 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064195.D
 Acq: 12 Nov 2019 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.3
227	63.4	31.5	94.5

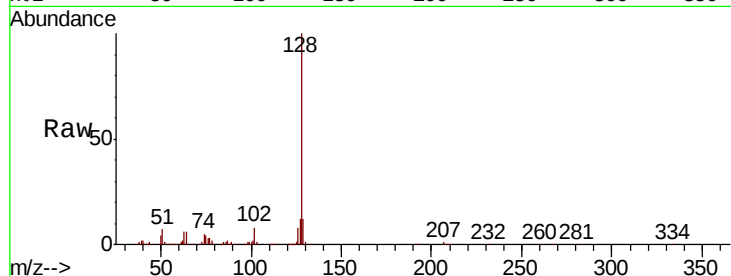




#95
Naphthalene
Concen: 49.987 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	8.6	13.0

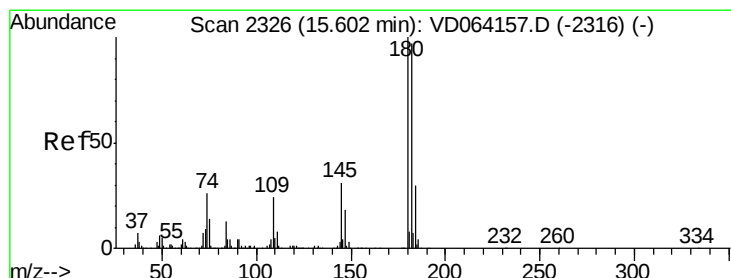
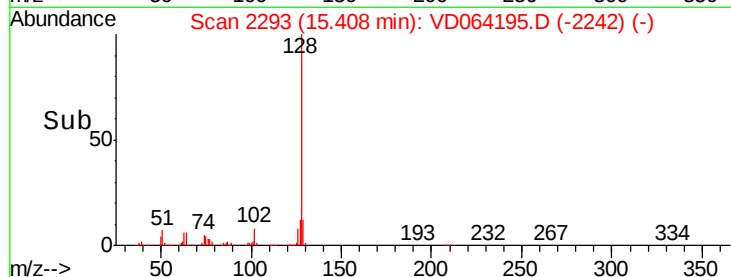
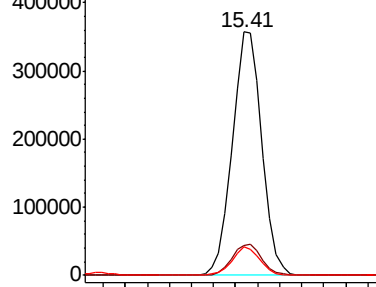


Abundance

Ion 128.00 (127.70 to 128.70): V

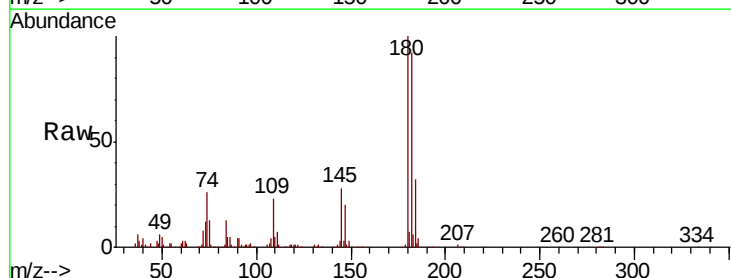
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.385 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD064195.D
Acq: 12 Nov 2019 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.9
145	30.1	15.3	45.8



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

