

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112719\
 Data File : VD064399.D
 Acq On : 27 Nov 2019 16:31
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 07:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	519542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	736151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	637682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	650035	138.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.46%	
35) Dibromofluoromethane	7.92	113	635461	137.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.02%	
50) Toluene-d8	10.34	98	2519057	144.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.36%	
62) 4-Bromofluorobenzene	12.64	95	788580	140.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	623455	132.438	ug/l	100
3) Chloromethane	2.21	50	756233	127.365	ug/l	99
4) Vinyl Chloride	2.35	62	942855	137.532	ug/l	100
5) Bromomethane	2.74	94	682739	134.670	ug/l	97
6) Chloroethane	2.91	64	617885	134.844	ug/l	94
7) Trichlorofluoromethane	3.26	101	1546541	135.700	ug/l	97
8) Diethyl Ether	3.70	74	321435	135.727	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	658423	134.741	ug/l	98
10) Methyl Iodide	4.29	142	825500	159.969	ug/l	100
11) Tert butyl alcohol	5.26	59	207151	692.013	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	638052	136.252	ug/l	98
13) Acrolein	3.92	56	257575	630.845	ug/l	100
14) Allyl chloride	4.71	41	1008123	137.943	ug/l	99
15) Acrylonitrile	5.43	53	714165	689.606	ug/l	98
16) Acetone	4.17	43	684440	720.233	ug/l	99
17) Carbon Disulfide	4.40	76	2036799	137.330	ug/l	99
18) Methyl Acetate	4.72	43	390126	140.740	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	1492185	138.913	ug/l	99
20) Methylene Chloride	4.96	84	645566	141.869	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	724660	136.804	ug/l	96
22) Diisopropyl ether	6.37	45	1995401	138.306	ug/l	97
23) Vinyl Acetate	6.31	43	6235396	733.106	ug/l	100
24) 1,1-Dichloroethane	6.27	63	1179263	135.915	ug/l	98
25) 2-Butanone	7.22	43	975240	725.664	ug/l	98
26) 2,2-Dichloropropane	7.21	77	1065454	141.204	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	780081	135.079	ug/l	98
28) Bromochloromethane	7.55	49	461584	155.668	ug/l	99
29) Tetrahydrofuran	7.57	42	596378	697.487	ug/l	98
30) Chloroform	7.71	83	1223979	136.212	ug/l	99
31) Cyclohexane	7.98	56	1103841	155.390	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	1162429	139.533	ug/l	100
36) 1,1-Dichloropropene	8.11	75	993982	142.752	ug/l	99
37) Ethyl Acetate	7.30	43	423041	143.184	ug/l	99
38) Carbon Tetrachloride	8.10	117	1097111	149.290	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1254754	145.272	ug/l	97
40) Benzene	8.35	78	2747798	142.085	ug/l	99
41) Methacrylonitrile	7.53	41	202960	119.785	ug/l #	78
42) 1,2-Dichloroethane	8.43	62	786143	139.392	ug/l	99
43) Isopropyl Acetate	8.46	43	839341	144.485	ug/l	99
44) Trichloroethene	9.11	130	811248	139.259	ug/l	99
45) 1,2-Dichloropropane	9.39	63	651980	140.966	ug/l	95
46) Dibromomethane	9.48	93	370877	142.077	ug/l	99
47) Bromodichloromethane	9.67	83	953807	142.203	ug/l	100
48) Methyl methacrylate	9.46	41	394543	148.423	ug/l	95
49) 1,4-Dioxane	9.47	88	90120	2795.753	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	2146838	746.901	ug/l	100
52) Toluene	10.41	92	1841508	146.112	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	943375	147.579	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	1084568	142.821	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	499138	139.643	ug/l	98
56) Ethyl methacrylate	10.67	69	681391	149.463	ug/l	99
57) 1,3-Dichloropropane	10.95	76	855193	140.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	1208424	664.935	ug/l	100
59) 2-Hexanone	10.99	43	1520273	762.245	ug/l	100
60) Dibromochloromethane	11.14	129	689283	142.228	ug/l	99
61) 1,2-Dibromoethane	11.25	107	502273	140.737	ug/l	99
64) Tetrachloroethene	10.88	164	705567	145.094	ug/l	99
65) Chlorobenzene	11.67	112	1903903	143.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	732405	148.757	ug/l	99
67) Ethyl Benzene	11.75	91	3498052	147.824	ug/l	99
68) m/p-Xylenes	11.86	106	2715802	300.996	ug/l	100
69) o-Xylene	12.18	106	1236585	148.396	ug/l	98
70) Styrene	12.20	104	2199561	151.896	ug/l	100
71) Bromoform	12.37	173	441036	149.725	ug/l #	98
73) Isopropylbenzene	12.48	105	3431451	143.550	ug/l	100
74) N-amyl acetate	12.30	43	795525	146.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	538060	136.113	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	742933	271.810	ug/l #	100
77) Bromobenzene	12.77	156	825491	139.841	ug/l	99
78) n-propylbenzene	12.83	91	3925655	142.332	ug/l	100
79) 2-Chlorotoluene	12.91	91	2147717	141.518	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	2834673	145.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	192906	153.894	ug/l	98
82) 4-Chlorotoluene	13.01	91	2287652	142.369	ug/l	100
83) tert-Butylbenzene	13.23	119	2454822	144.548	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	2819346	143.533	ug/l	99
85) sec-Butylbenzene	13.41	105	3382909	145.136	ug/l	99
86) p-Isopropyltoluene	13.53	119	3252661	147.812	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1598539	142.677	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1545157	139.688	ug/l	99
89) n-Butylbenzene	13.86	91	2911435	145.691	ug/l	99
90) Hexachloroethane	14.12	117	584195	141.938	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	1348562	140.841	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	88842	160.055	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

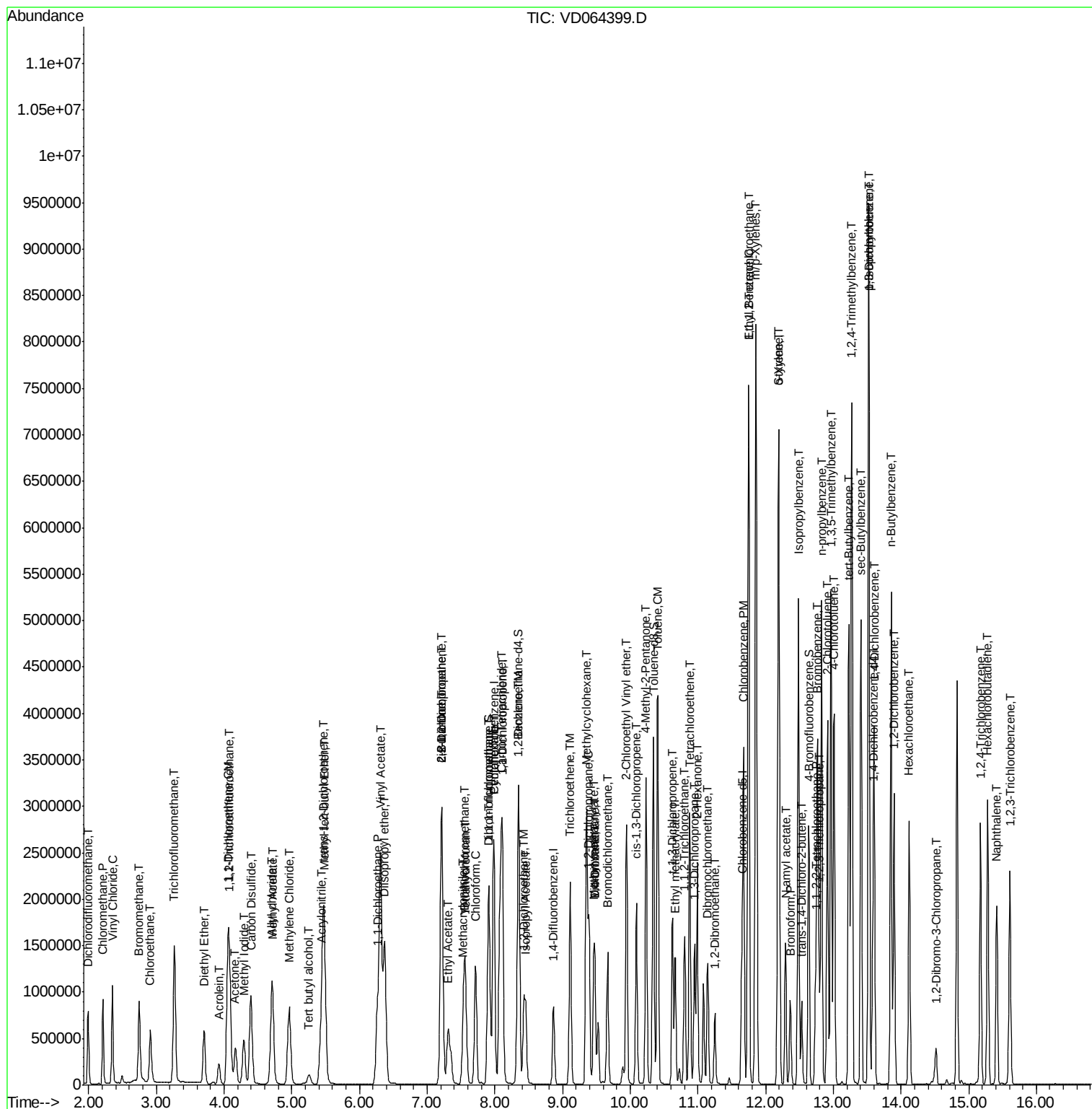
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	982445	133.975	ug/l	98
94) Hexachlorobutadiene	15.28	225	635918	140.473	ug/l	99
95) Naphthalene	15.41	128	1724339	140.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	858965	137.225	ug/l	99

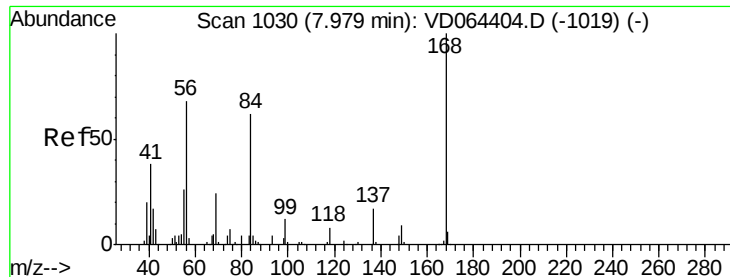
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

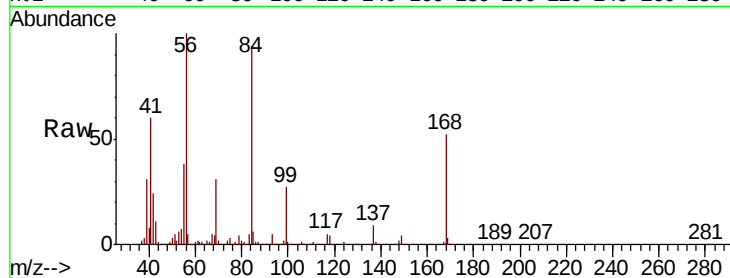
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 519542

Ion Ratio Lower Upper

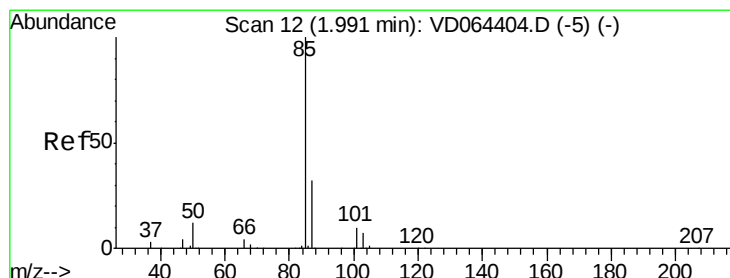
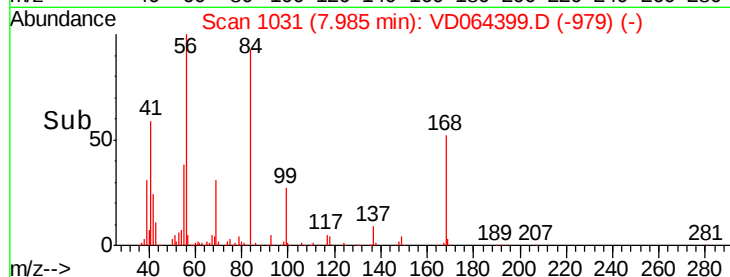
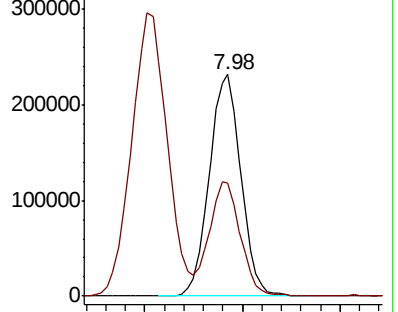
168 100

99 50.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 132.438 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064399.D

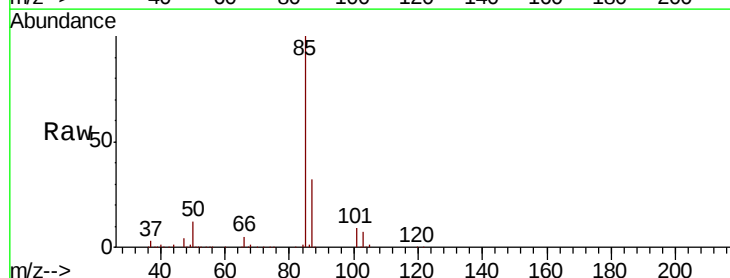
Acq: 27 Nov 2019 16:31

Tgt Ion: 85 Resp: 623455

Ion Ratio Lower Upper

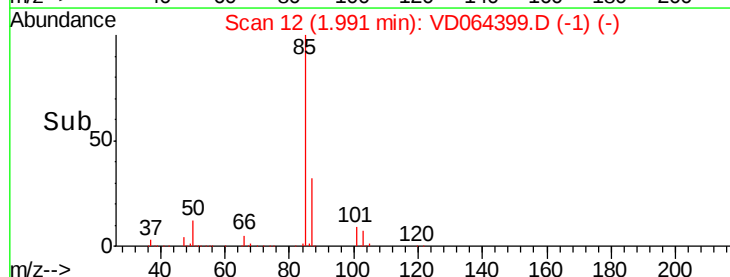
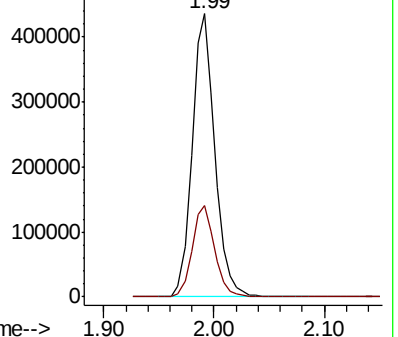
85 100

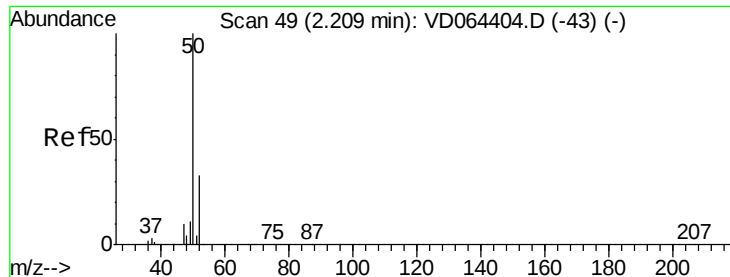
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 127.365 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

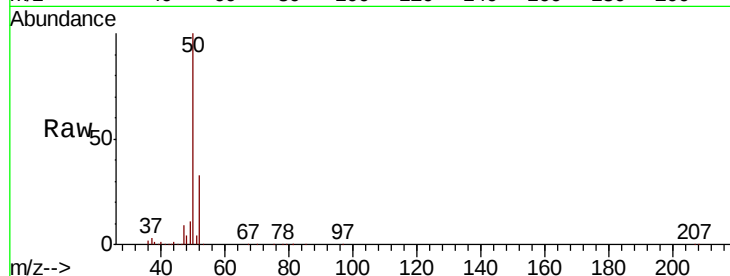
ClientSampled :

Tot Ion: 50 Resp: 756233

Ion Ratio Lower Upper

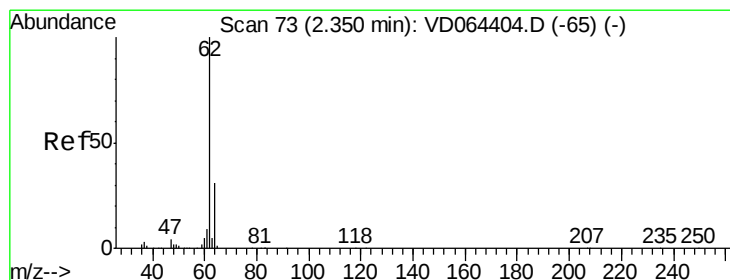
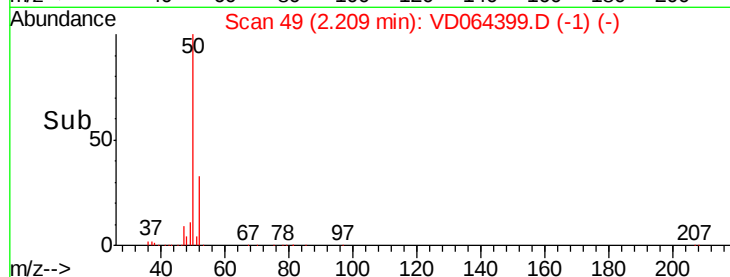
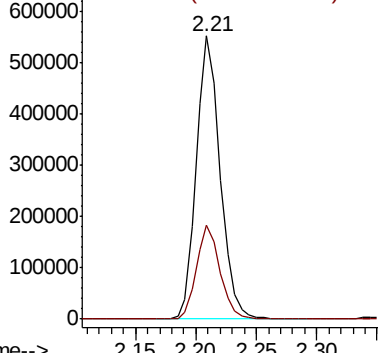
50 100

52 33.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 137.532 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064399.D

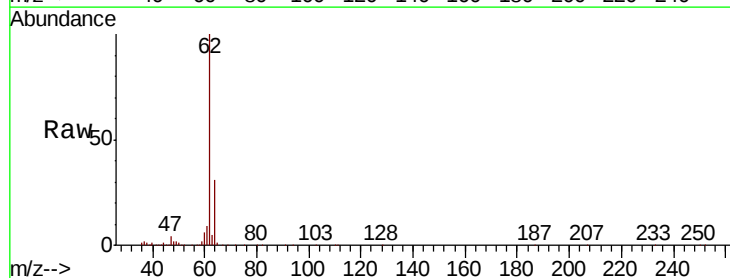
Acq: 27 Nov 2019 16:31

Tgt Ion: 62 Resp: 942855

Ion Ratio Lower Upper

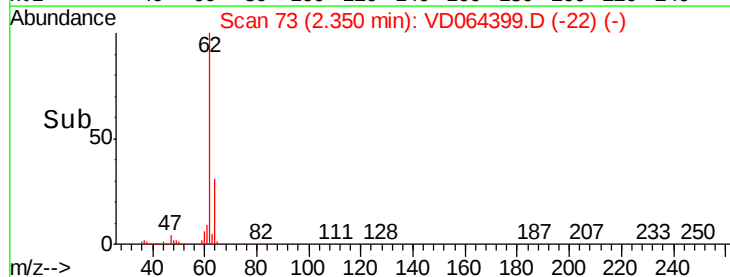
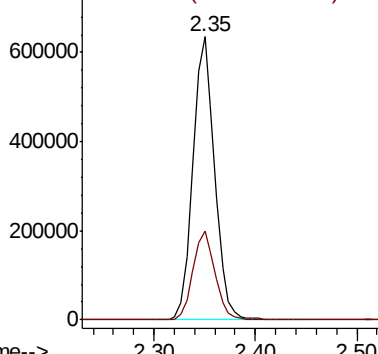
62 100

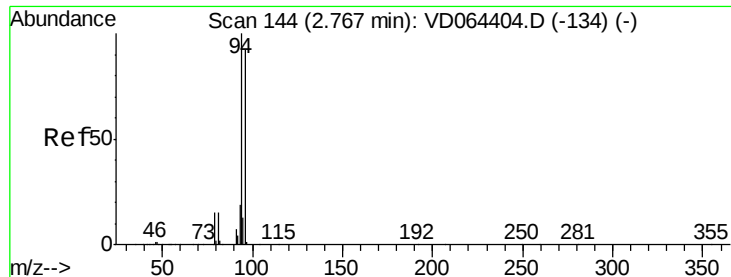
64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 134.670 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

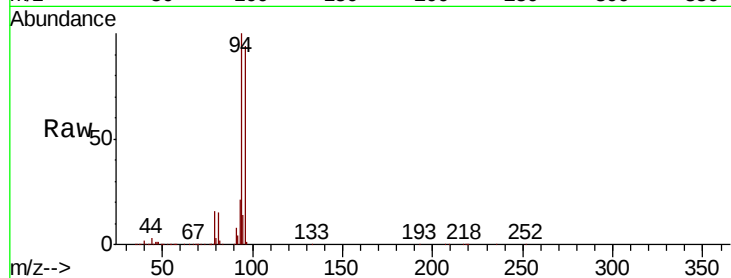
ClientSampleId :

Tot Ion: 94 Resp: 682739

Ion Ratio Lower Upper

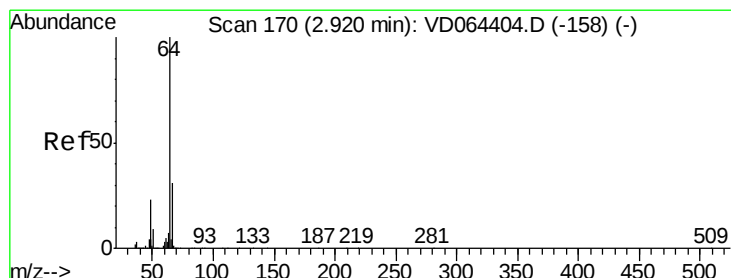
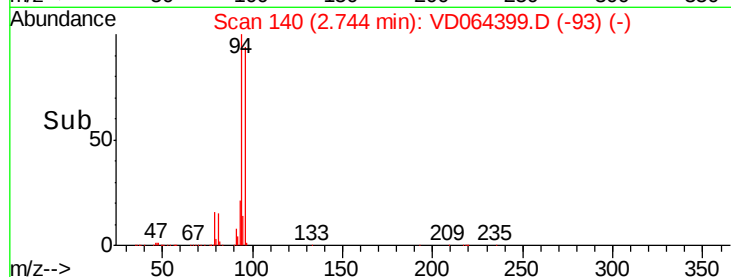
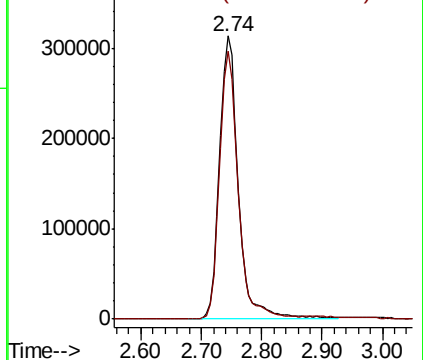
94 100

96 94.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 134.844 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD064399.D

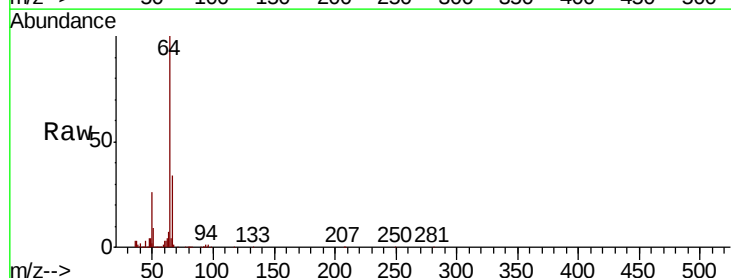
Acq: 27 Nov 2019 16:31

Tgt Ion: 64 Resp: 617885

Ion Ratio Lower Upper

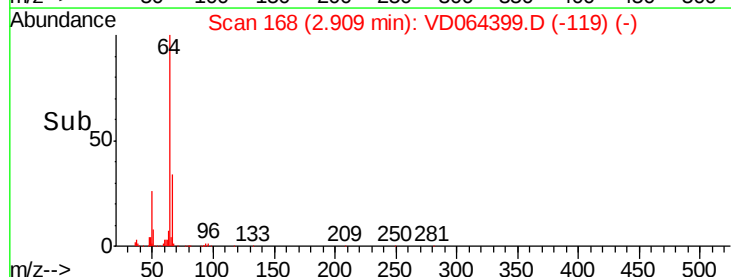
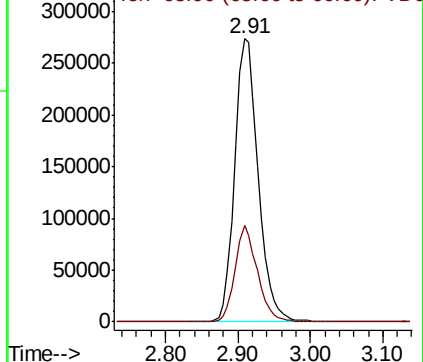
64 100

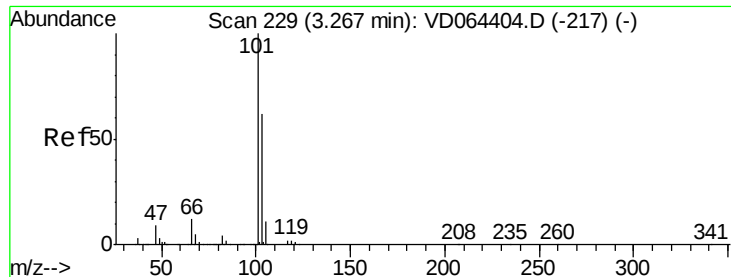
66 33.9 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



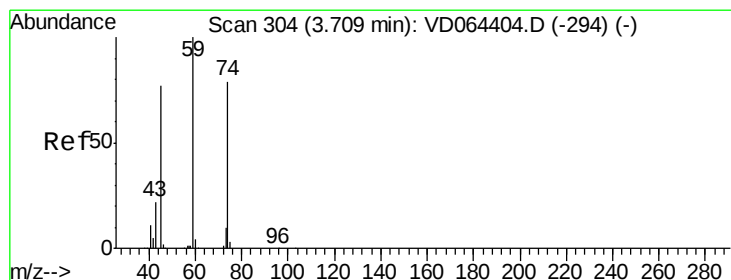
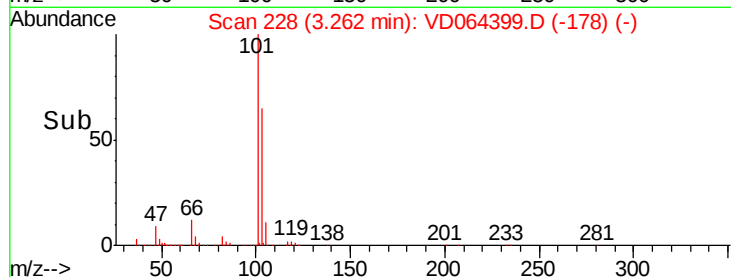
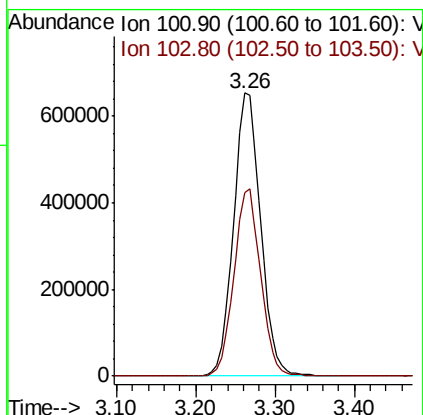
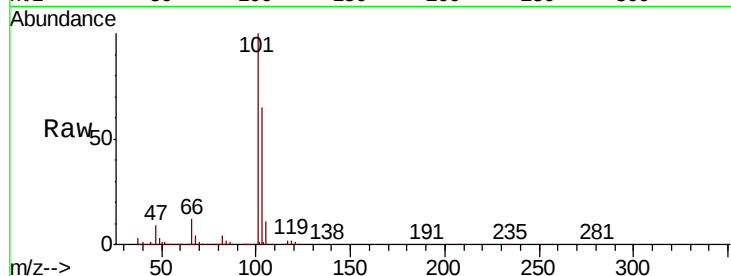


#7

Trichlorofluoromethane
 Concen: 135.700 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Instrument :
 MSVOA_D
 ClientSampleId :

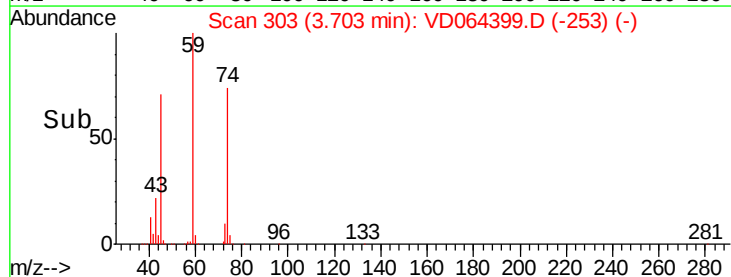
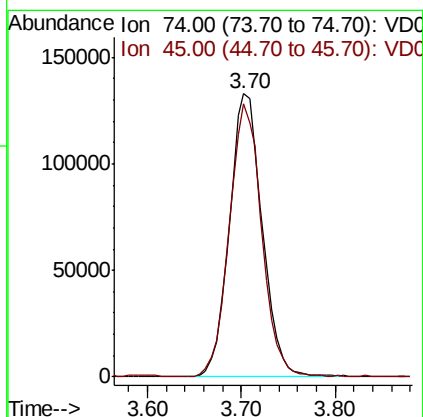
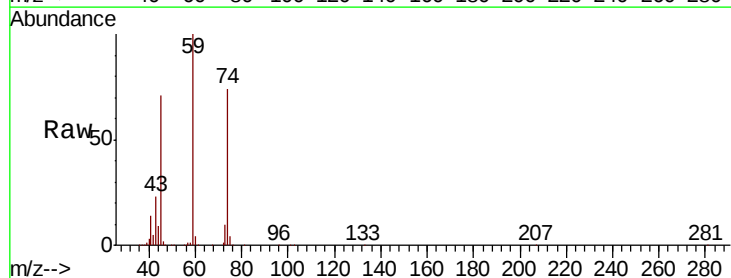
Tot Ion:101 Resp: 1546541
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.8 74.6

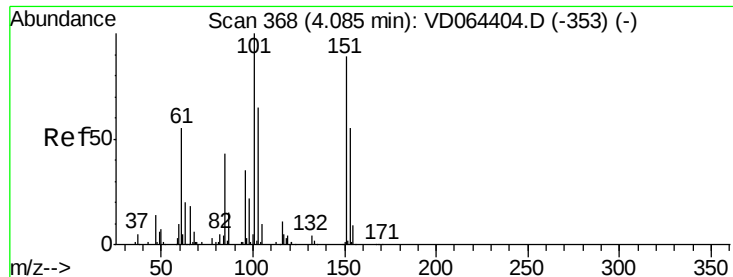


#8

Diethyl Ether
 Concen: 135.727 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion: 74 Resp: 321435
 Ion Ratio Lower Upper
 74 100
 45 94.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.741 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

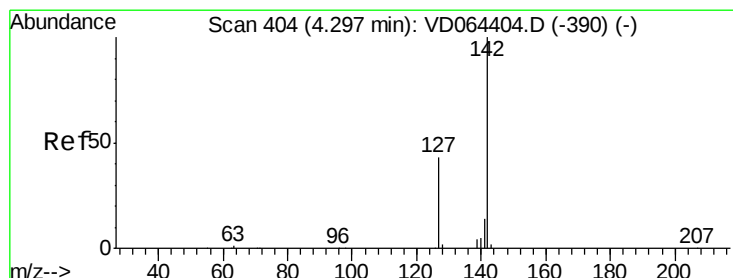
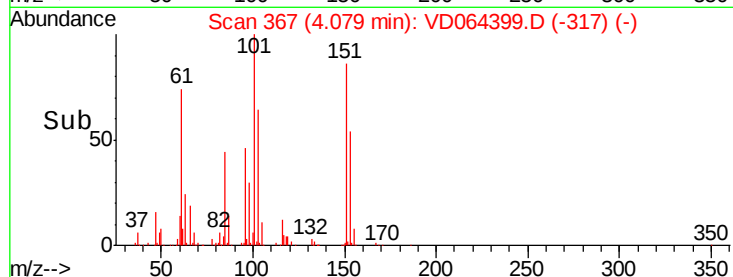
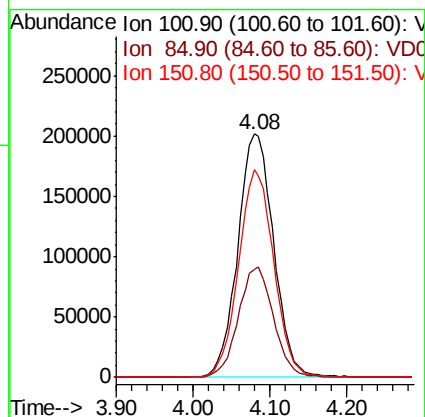
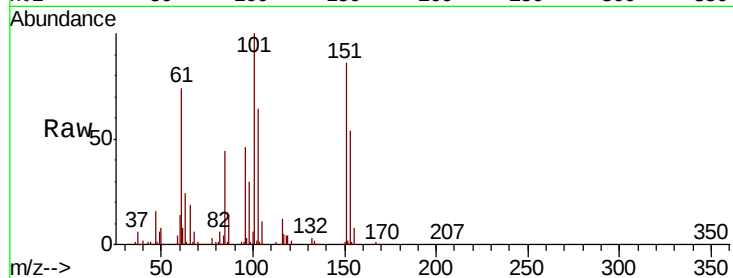
Tot Ion:101 Resp: 658423

Ion Ratio Lower Upper

101 100

85 44.4 34.8 52.2

151 84.0 68.8 103.2



#10

Methyl Iodide

Concen: 159.969 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

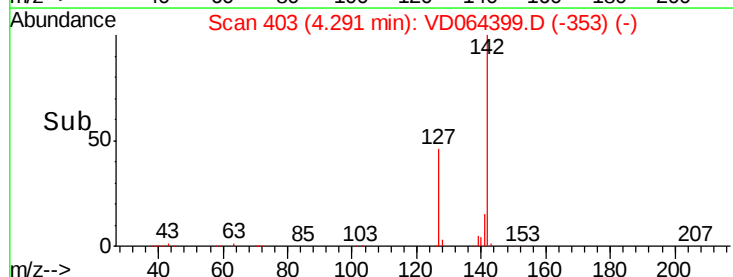
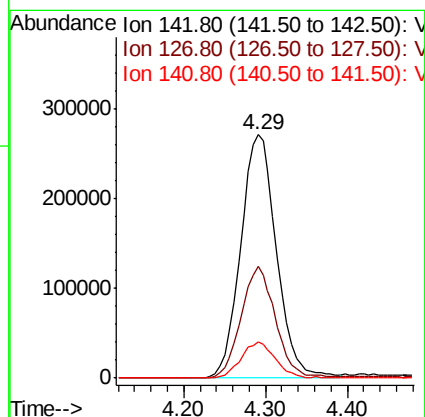
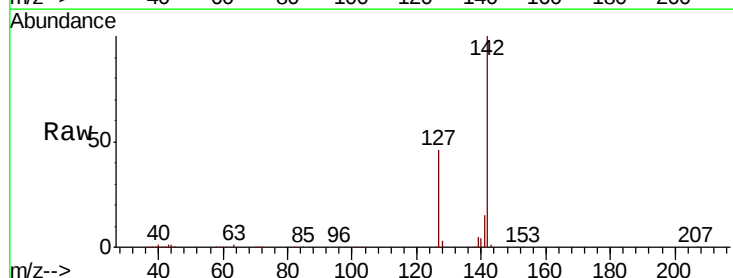
Tgt Ion:142 Resp: 825500

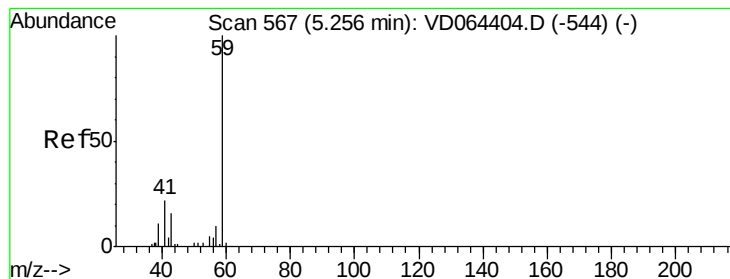
Ion Ratio Lower Upper

142 100

127 44.0 35.3 52.9

141 14.3 11.6 17.4



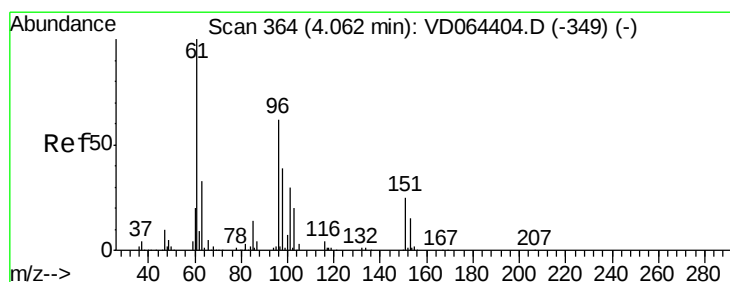
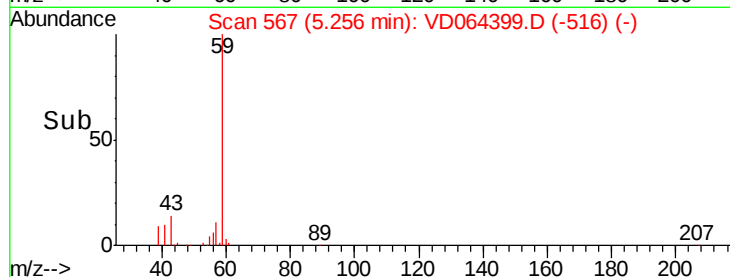
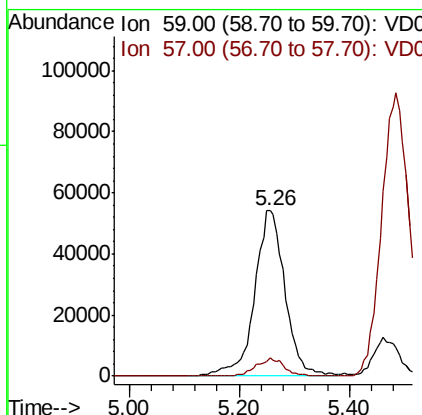
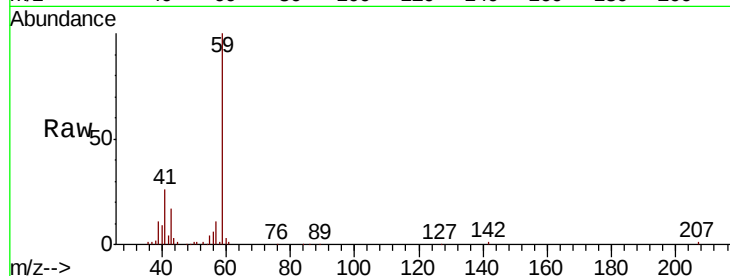


#11

Tert butyl alcohol
Concen: 692.013 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

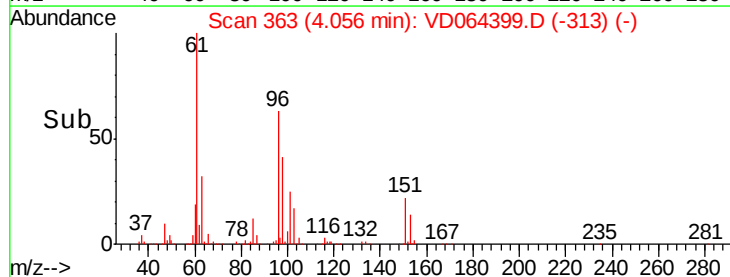
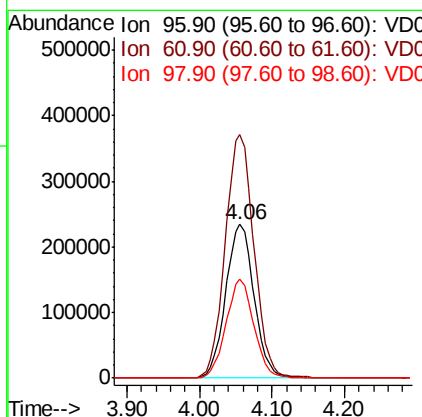
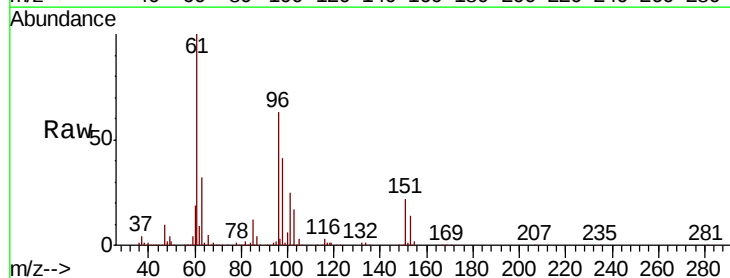
Tot Ion: 59 Resp: 207151
Ion Ratio Lower Upper
59 100
57 10.3 0.0 0.0#

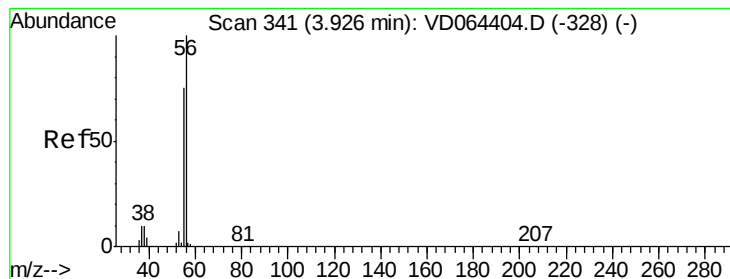


#12

1,1-Dichloroethene
Concen: 136.252 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 96 Resp: 638052
Ion Ratio Lower Upper
96 100
61 158.5 128.2 192.4
98 64.7 50.4 75.6





#13

Acrolein

Concen: 630.845 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

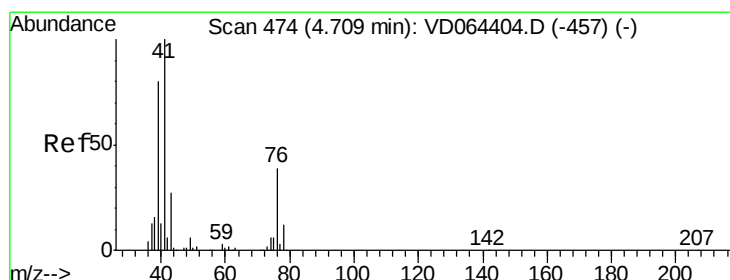
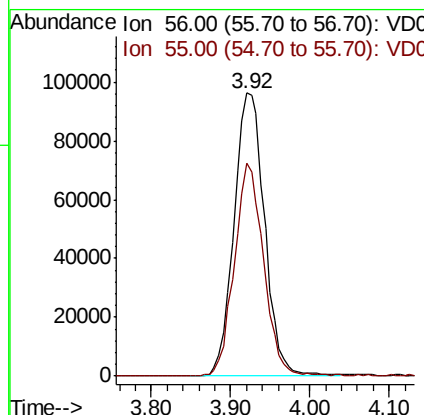
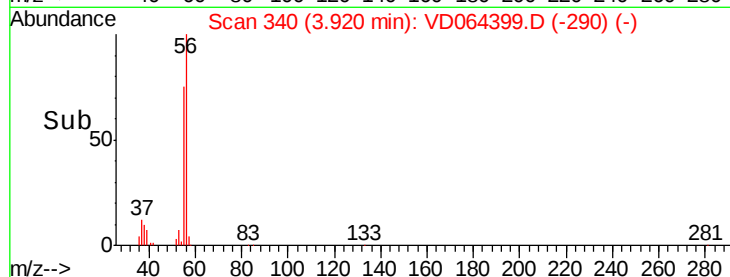
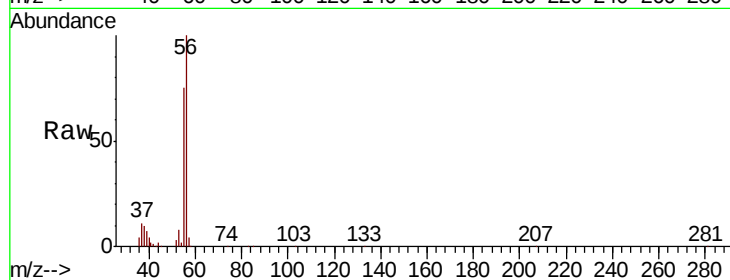
ClientSampleId :

Tot Ion: 56 Resp: 257575

Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3



#14

Allyl chloride

Concen: 137.943 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

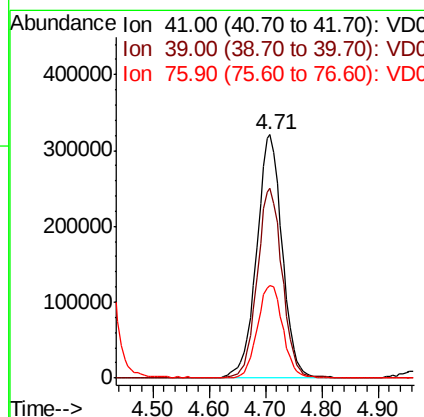
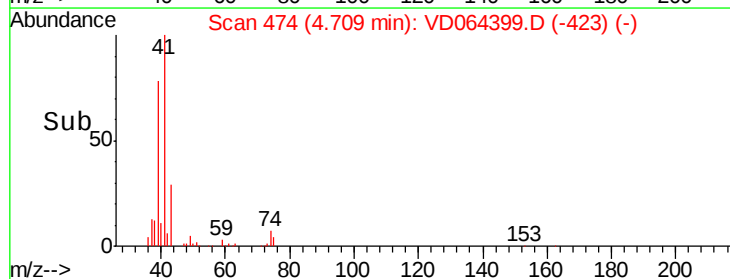
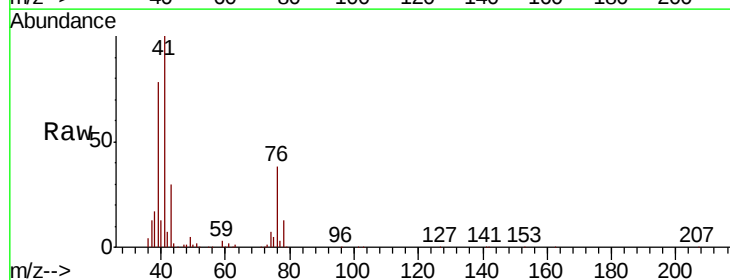
Tgt Ion: 41 Resp: 1008123

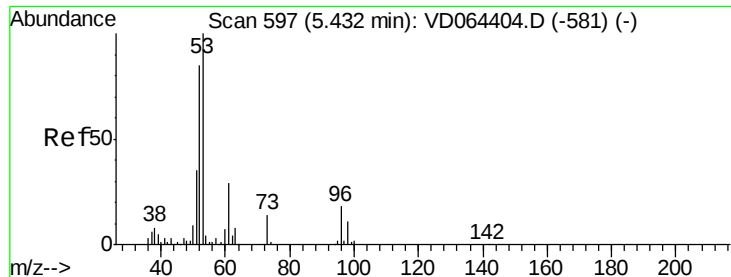
Ion Ratio Lower Upper

41 100

39 76.4 62.1 93.1

76 37.5 29.8 44.8





#15

Acrylonitrile

Concen: 689.606 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

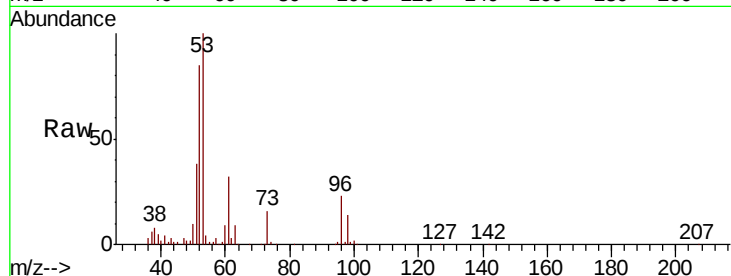
Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 53 Resp: 714165

Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.9	101.9
51	37.9	30.6	45.8

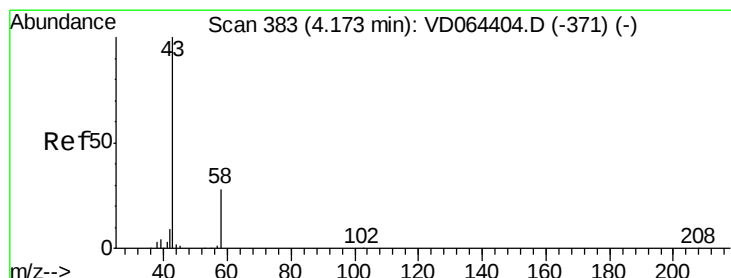
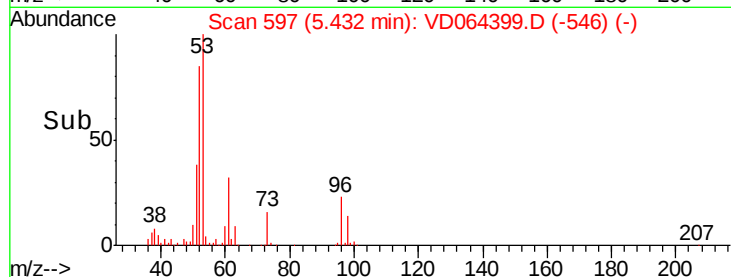
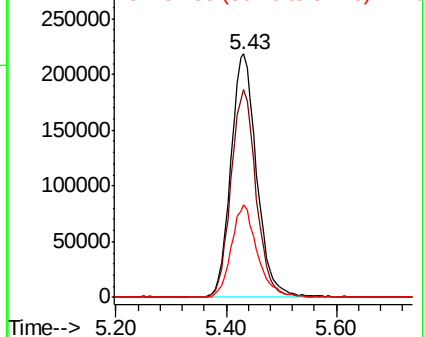


Abundance

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: 720.233 ug/l

RT: 4.17 min Scan# 382

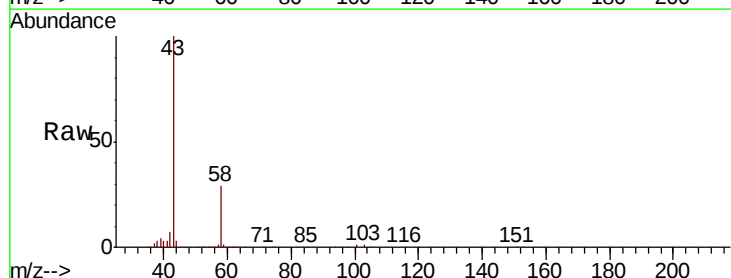
Delta R.T. -0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Tgt Ion: 43 Resp: 684440

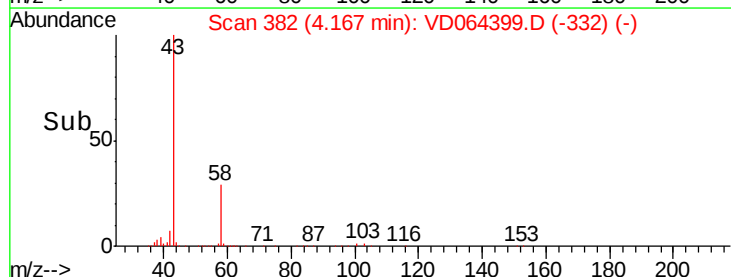
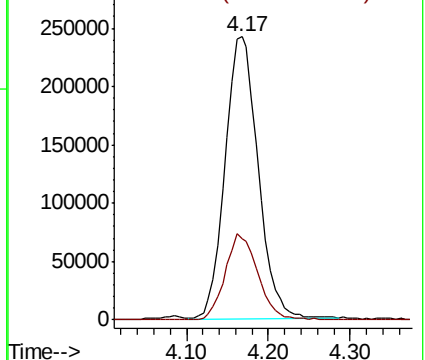
Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.6	33.8

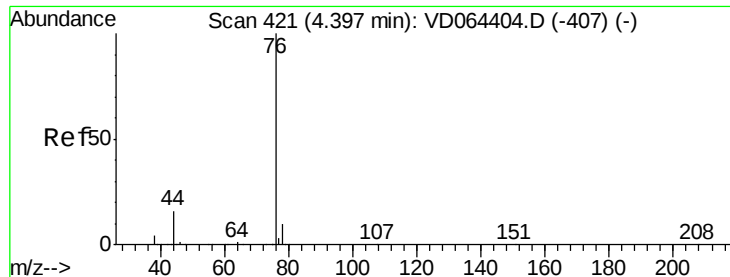


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

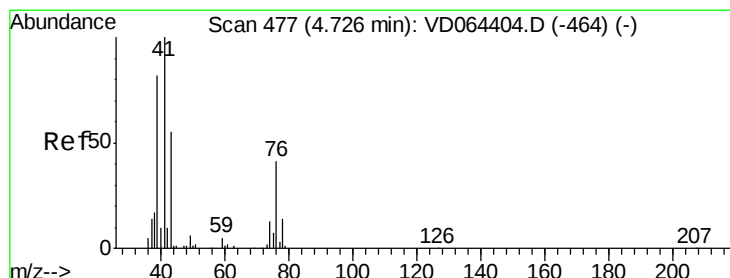
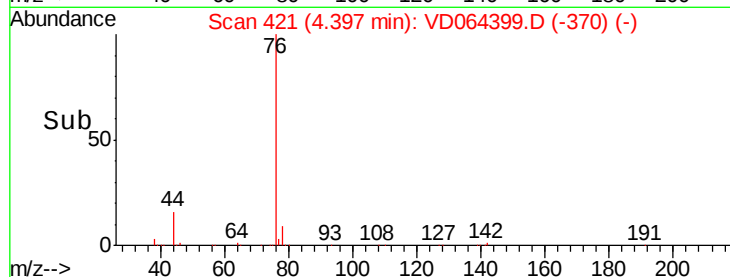
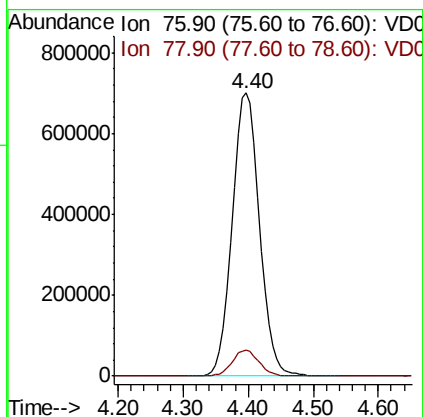
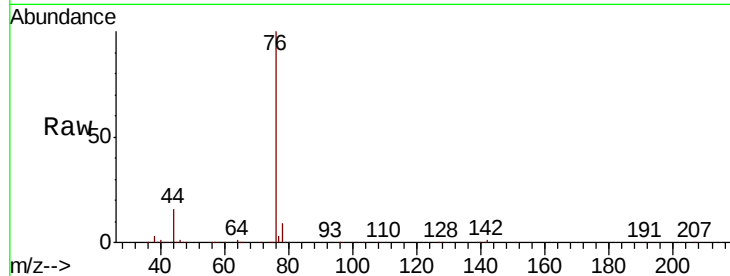




#17
Carbon Disulfide
Concen: 137.330 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

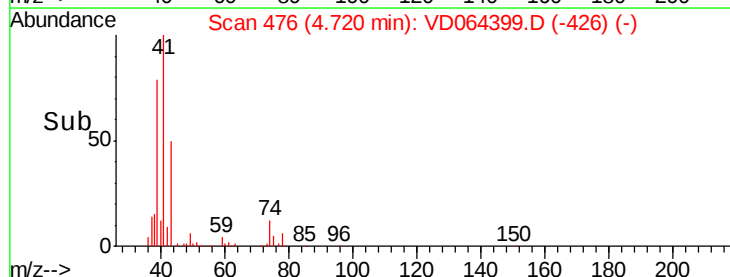
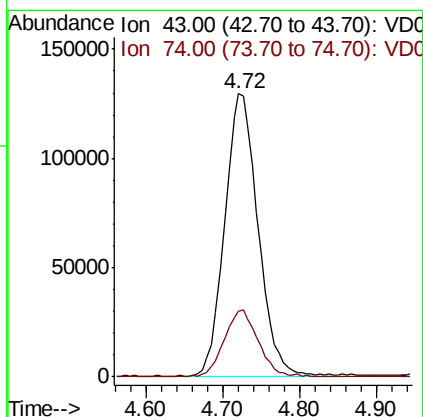
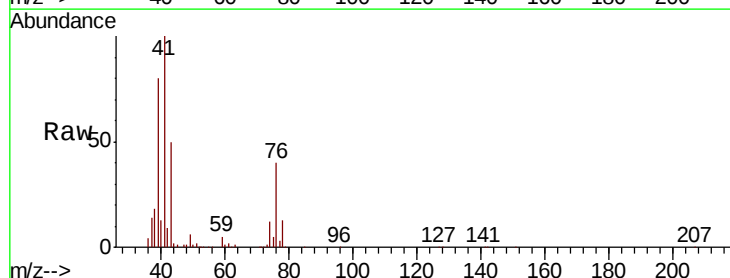
Instrument :
MSVOA_D
ClientSampleId :

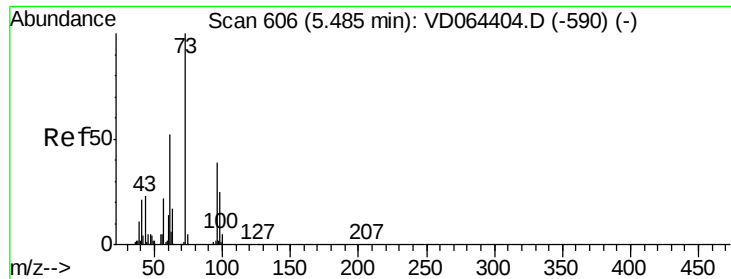
Tot Ion: 76 Resp: 2036799
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8



#18
Methyl Acetate
Concen: 140.740 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 43 Resp: 390126
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5

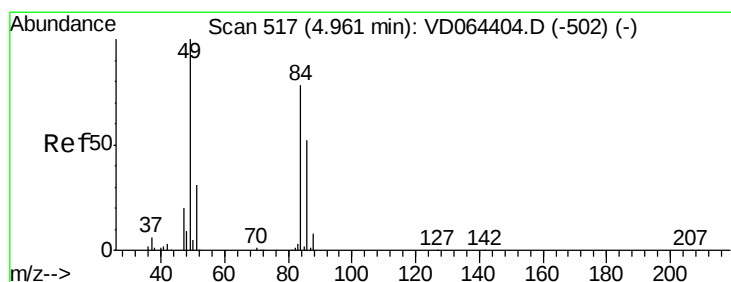
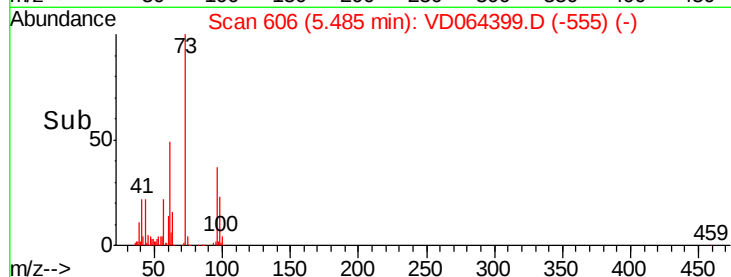
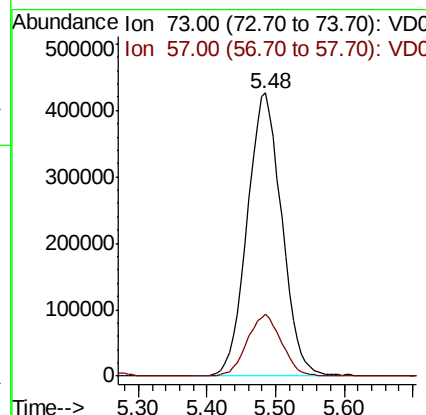
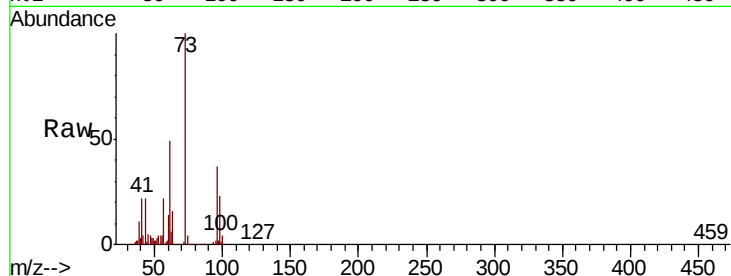




#19
Methyl tert-butyl Ether
Concen: 138.913 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

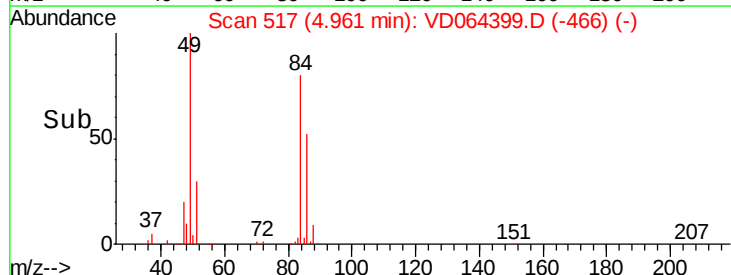
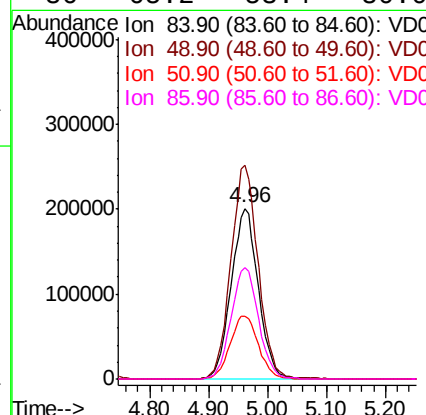
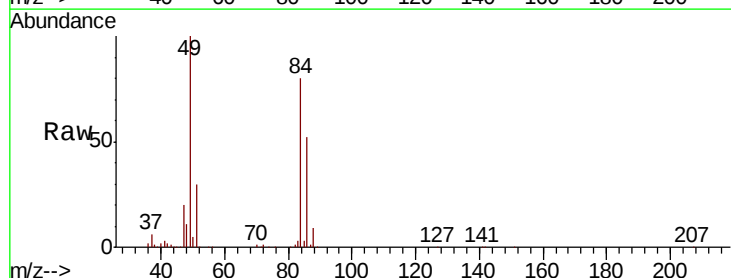
Instrument :
MSVOA_D
ClientSampleId :

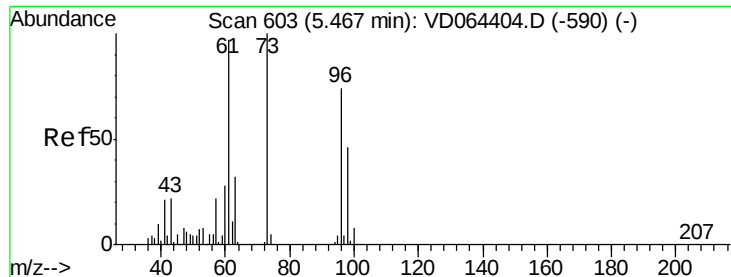
Tot Ion: 73 Resp: 1492185
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4



#20
Methylene Chloride
Concen: 141.869 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 84 Resp: 645566
Ion Ratio Lower Upper
84 100
49 125.1 102.6 153.8
51 36.9 32.0 48.0
86 65.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 136.804 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

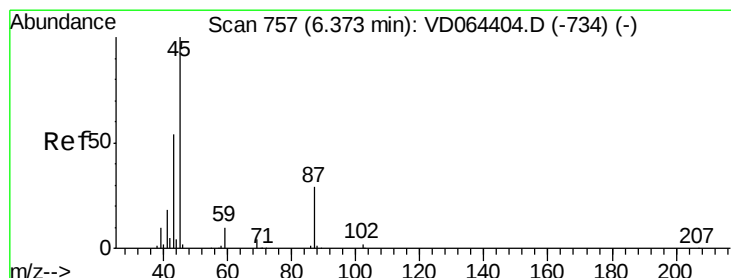
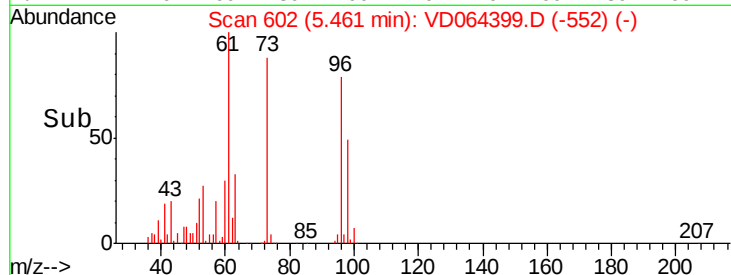
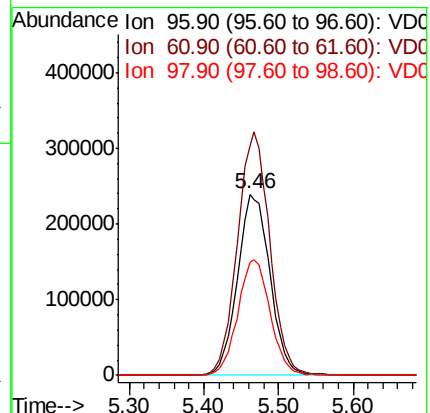
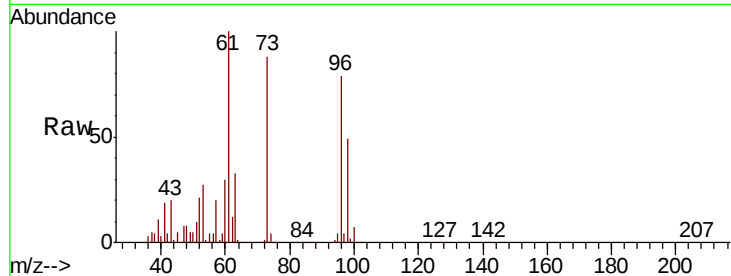
Tot Ion: 96 Resp: 724660

Ion Ratio Lower Upper

96 100

61 126.3 105.8 158.6

98 62.3 50.1 75.1



#22

Diisopropyl ether

Concen: 138.306 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Tgt Ion: 45 Resp: 1995401

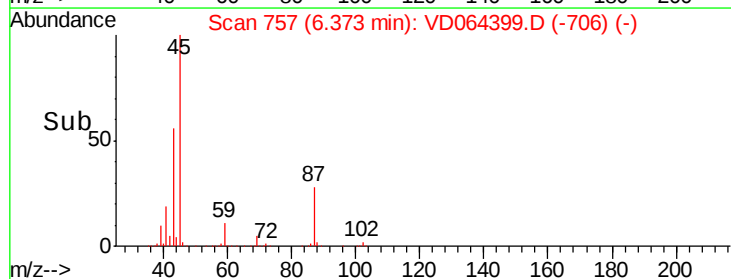
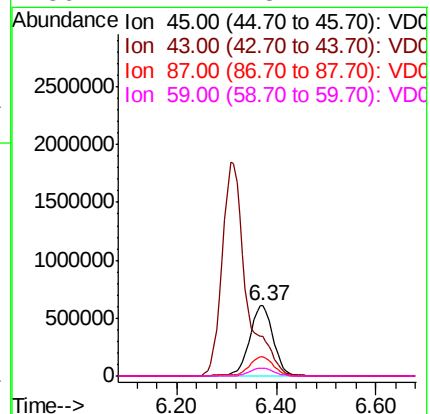
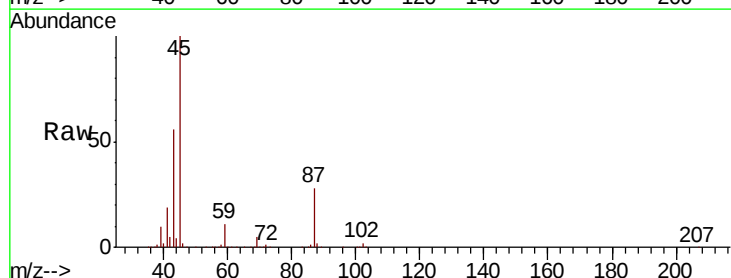
Ion Ratio Lower Upper

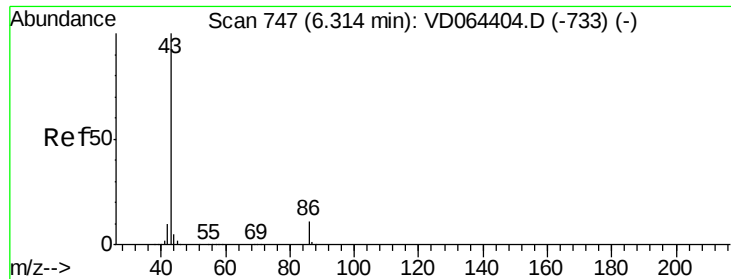
45 100

43 55.9 43.1 64.7

87 27.7 23.5 35.3

59 11.2 8.2 12.2

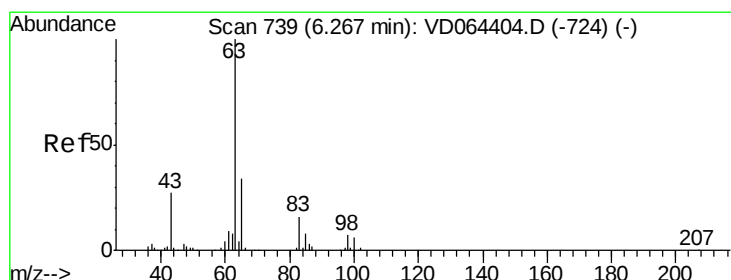
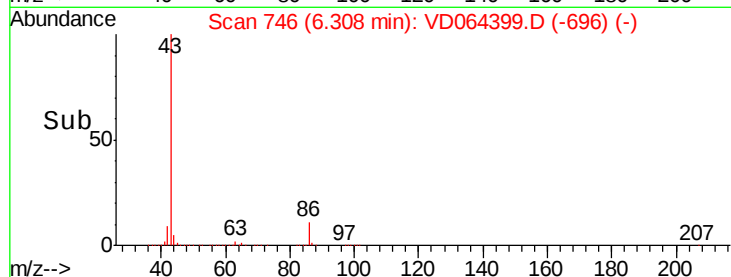
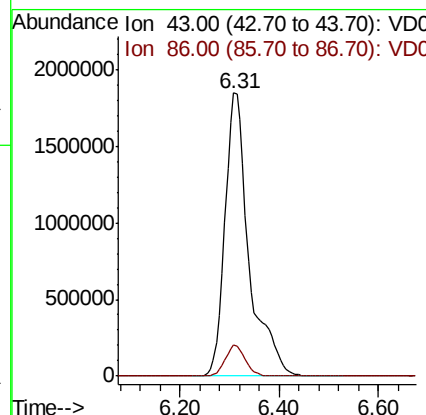
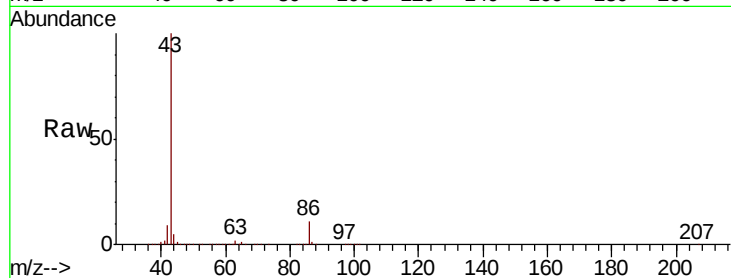




#23
 Vinyl Acetate
 Concen: 733.106 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

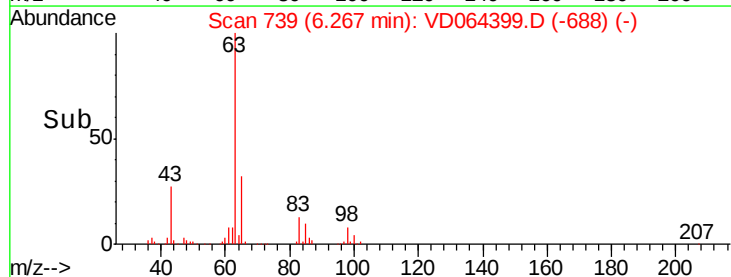
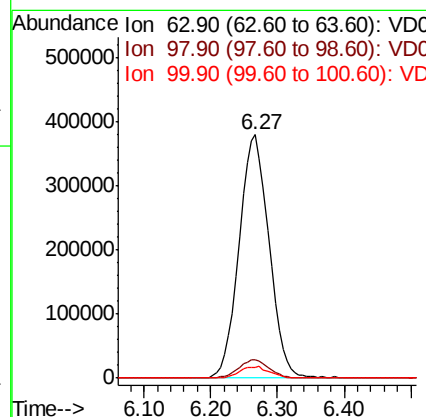
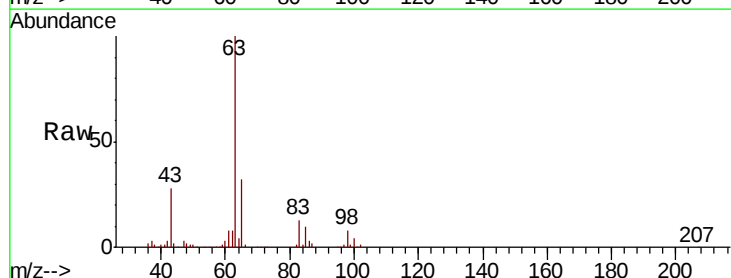
Instrument :
 MSVOA_D
 ClientSampleId :

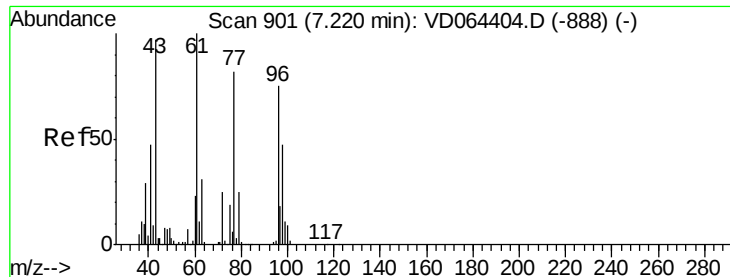
Tot Ion: 43 Resp: 6235396
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 135.915 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion: 63 Resp: 1179263
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.5 2.9 8.6





#25

2-Butanone

Concen: 725.664 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

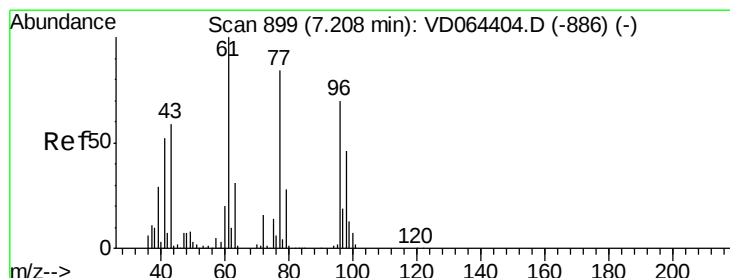
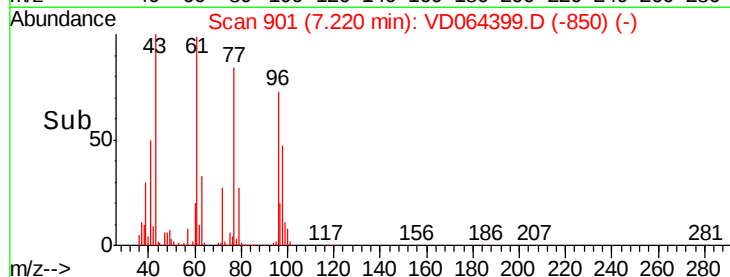
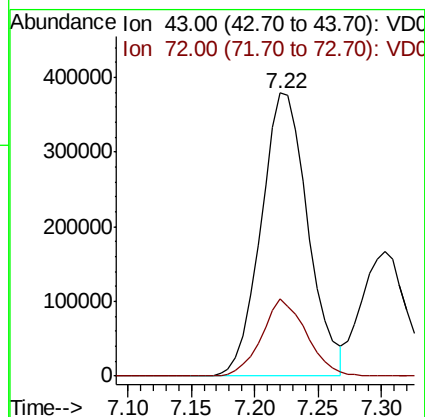
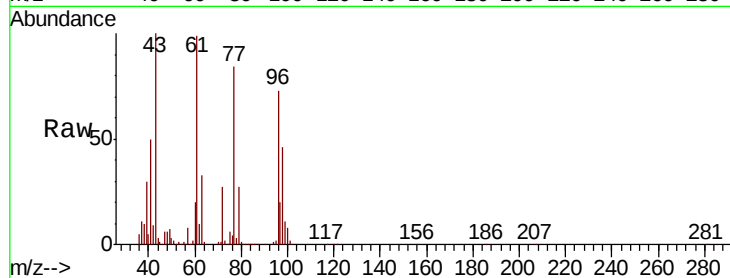
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 975240

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 141.204 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064399.D

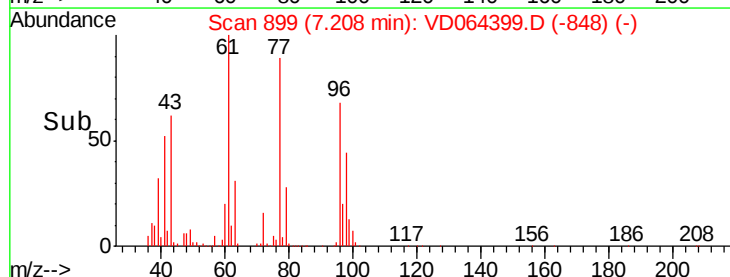
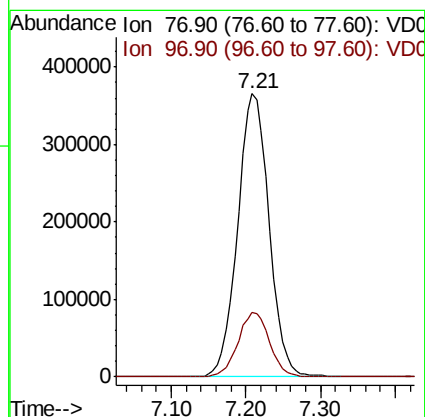
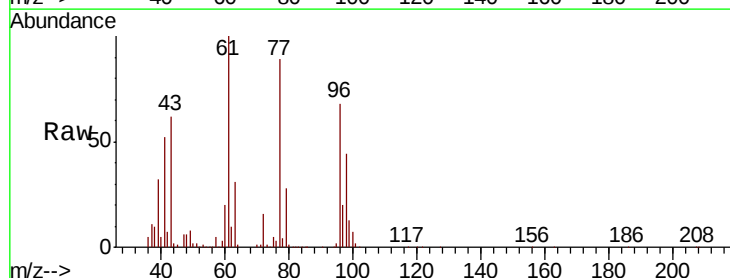
Acq: 27 Nov 2019 16:31

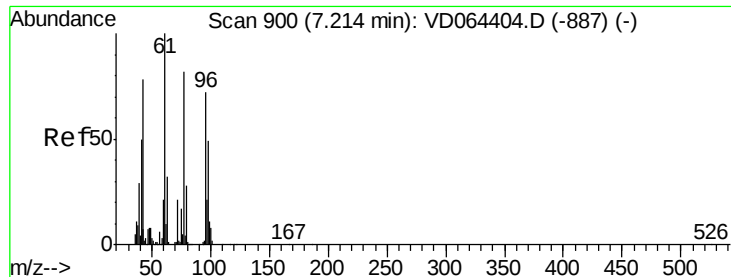
Tgt Ion: 77 Resp: 1065454

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7



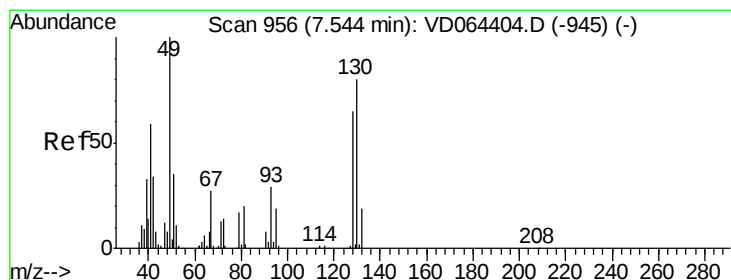
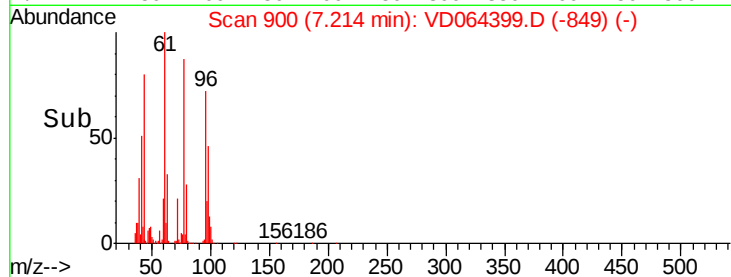
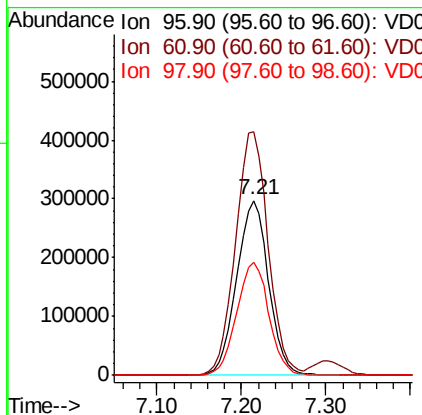
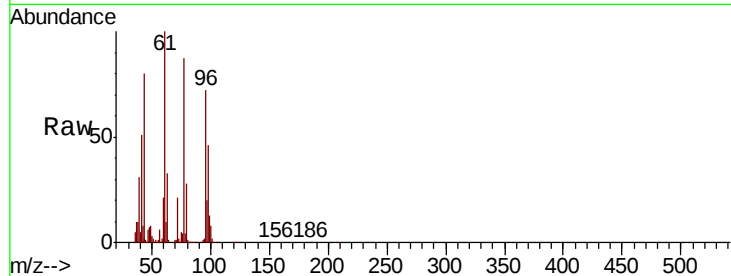


#27

cis-1,2-Dichloroethene
Concen: 135.079 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

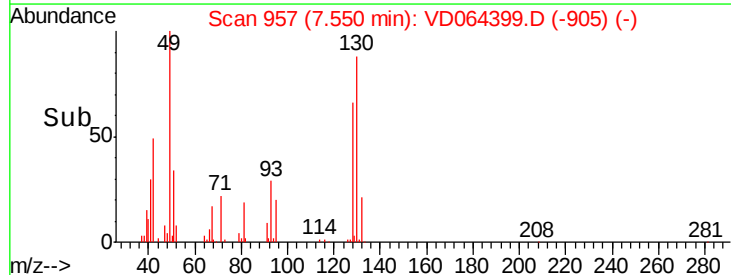
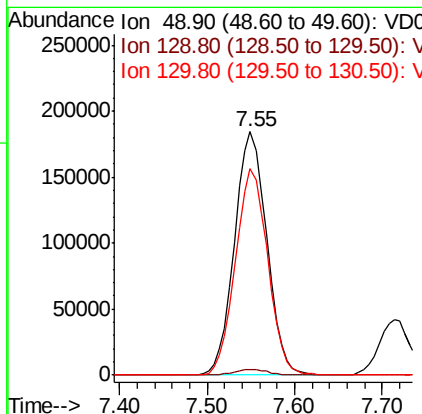
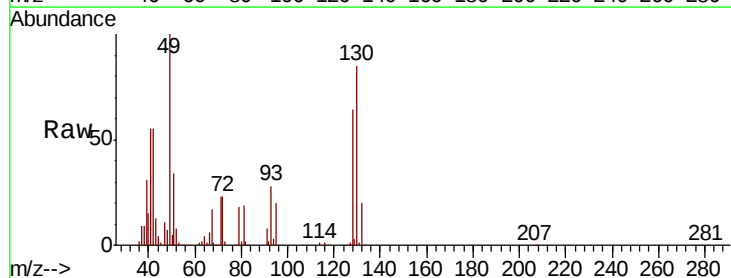
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	279.6
98	65.2	0.0	129.2

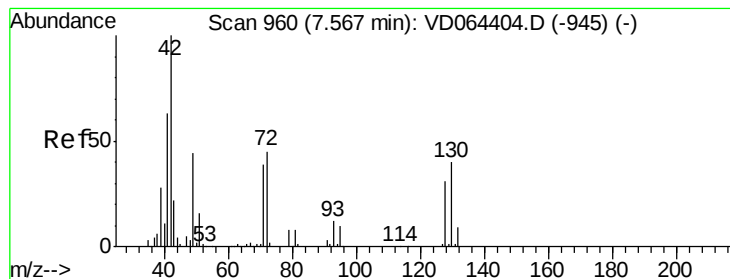


#28

Bromochloromethane
Concen: 155.668 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	84.9	67.4	101.0





#29

Tetrahydrofuran

Concen: 697.487 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

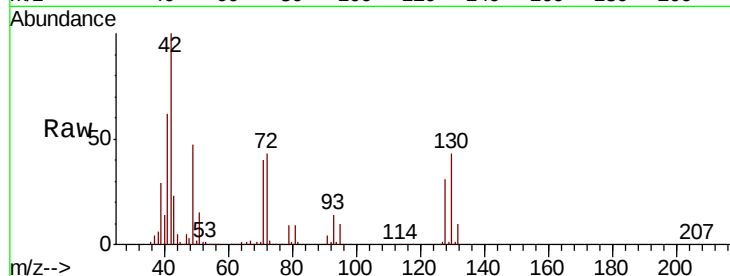
Tot Ion: 42 Resp: 596378

Ion Ratio Lower Upper

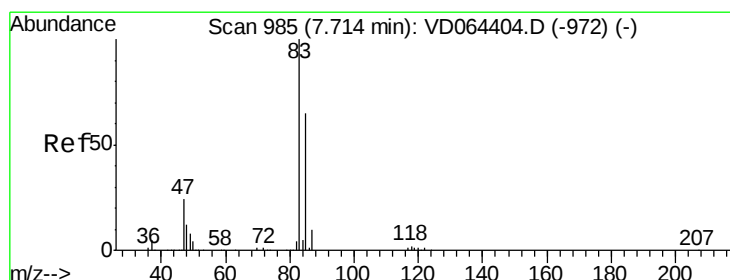
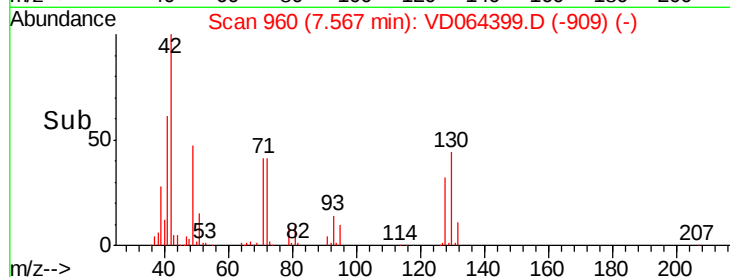
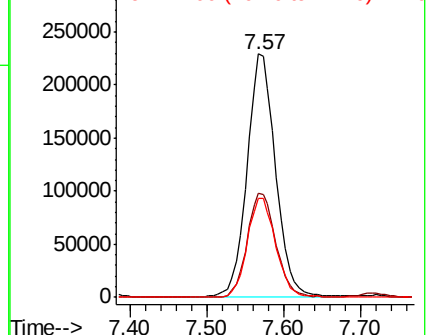
42 100

72 42.9 35.8 53.8

71 40.6 32.7 49.1



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: 136.212 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064399.D

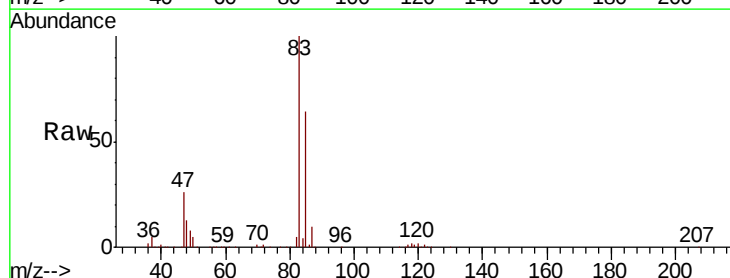
Acq: 27 Nov 2019 16:31

Tgt Ion: 83 Resp: 1223979

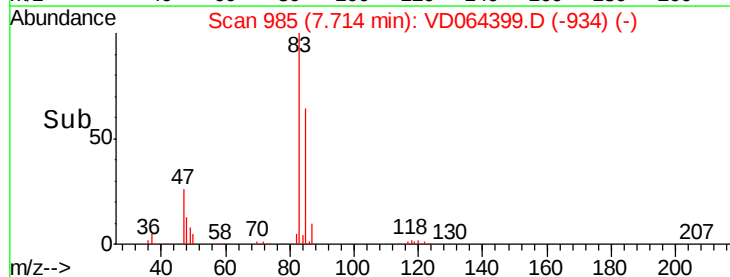
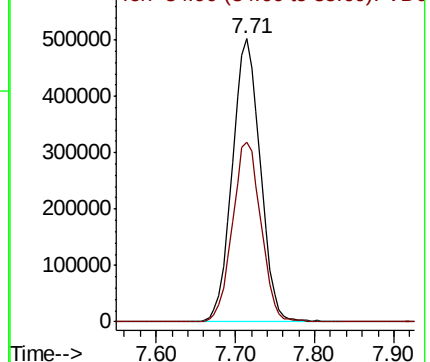
Ion Ratio Lower Upper

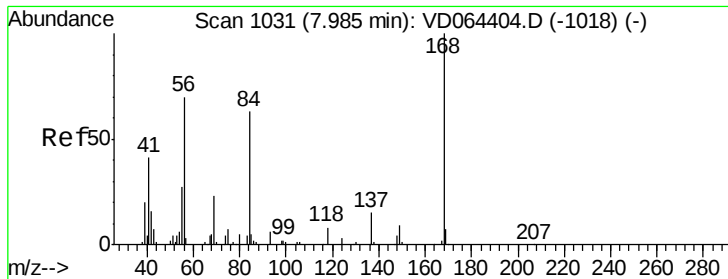
83 100

85 63.6 51.8 77.6



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

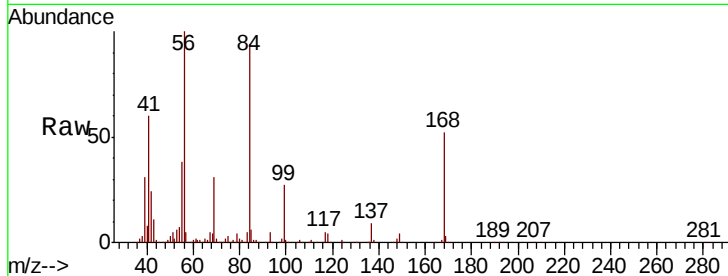




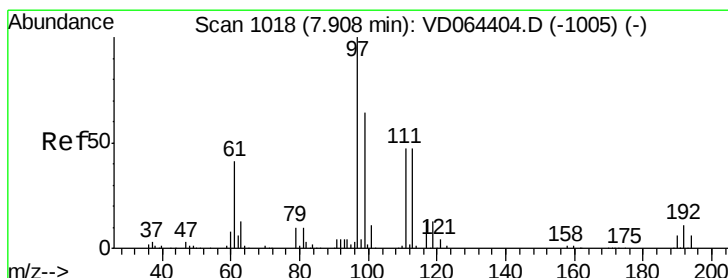
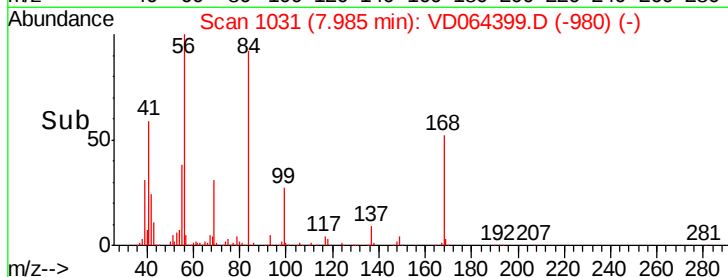
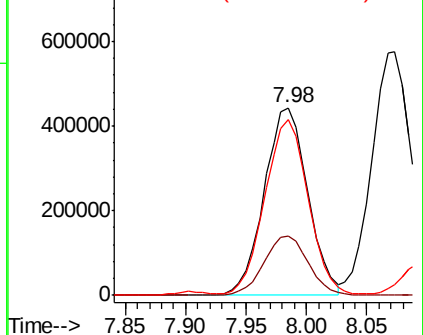
#31
Cyclohexane
Concen: 155.390 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 1103841
Ion Ratio Lower Upper
56 100
69 31.4 26.2 39.4
84 91.6 70.3 105.5

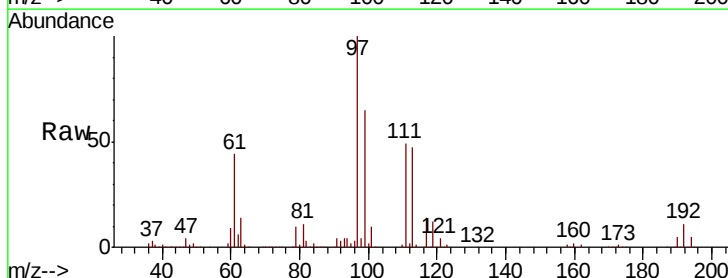


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

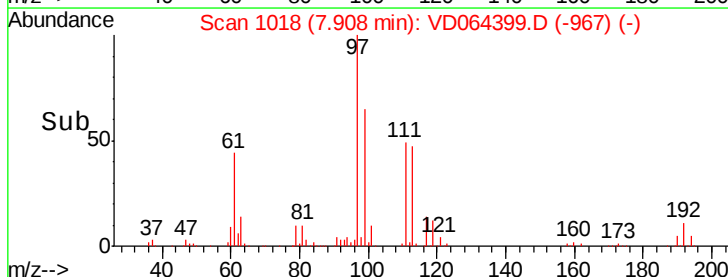
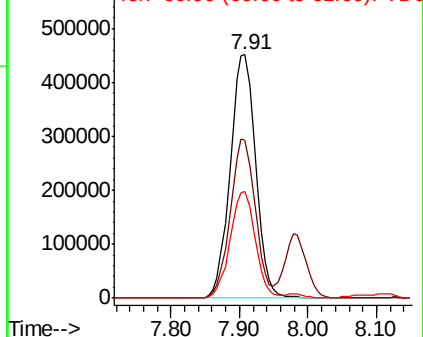


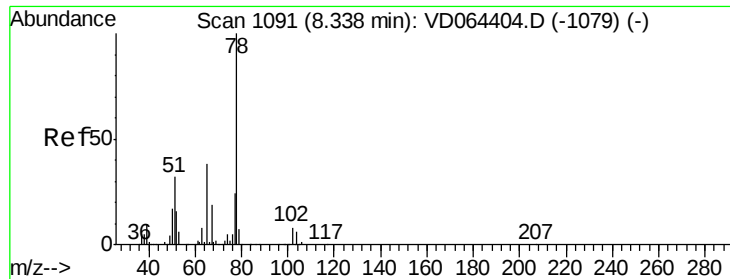
#32
1,1,1-Trichloroethane
Concen: 139.533 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 97 Resp: 1162429
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 43.4 35.0 52.4



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

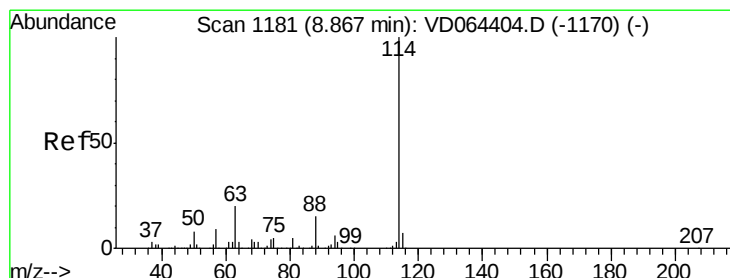
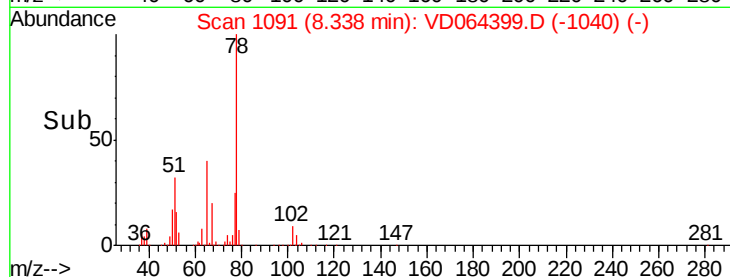
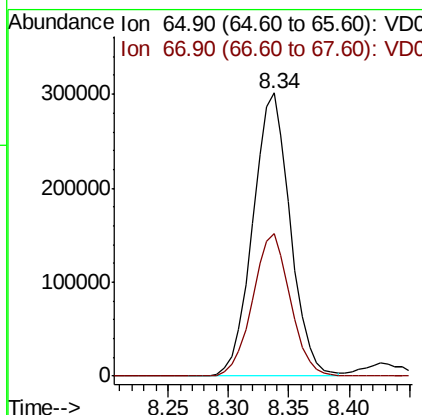
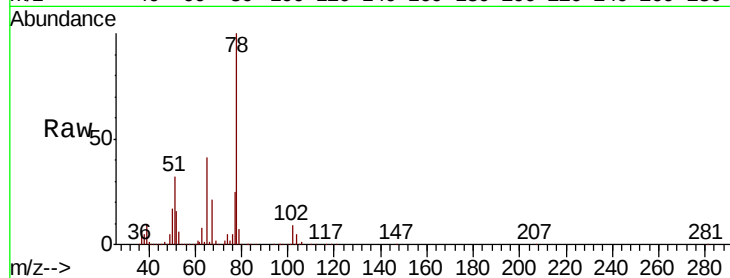




#33
 1,2-Dichloroethane-d4
 Concen: 138.228 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

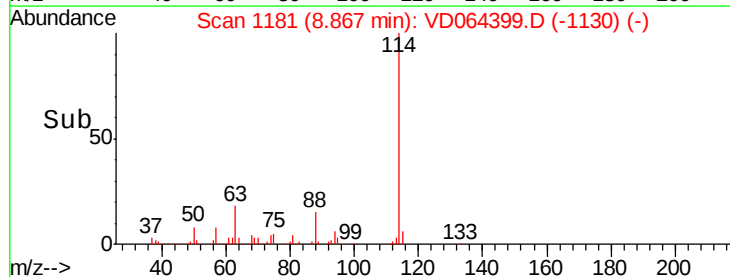
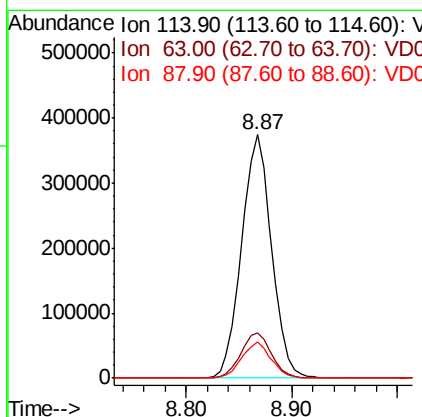
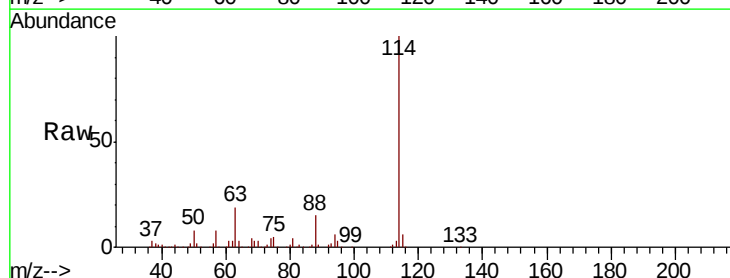
Instrument :
 MSVOA_D
 ClientSampleId :

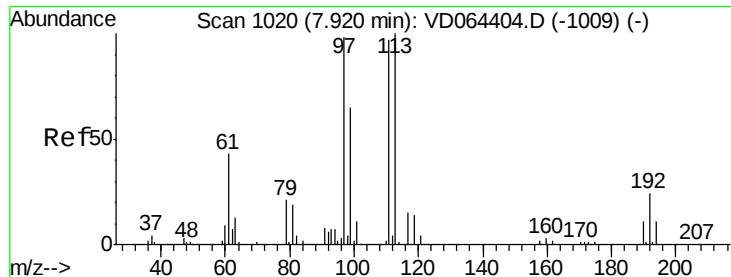
Tot Ion: 65 Resp: 650035
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion: 114 Resp: 736151
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 14.8 0.0 29.2

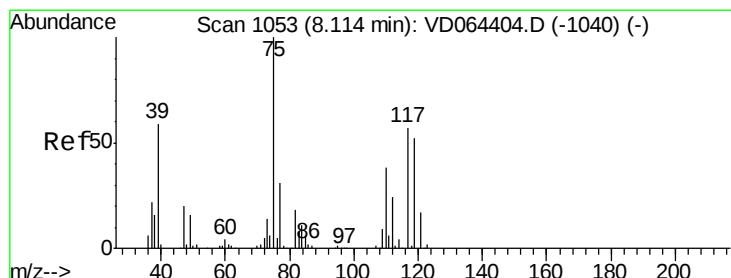
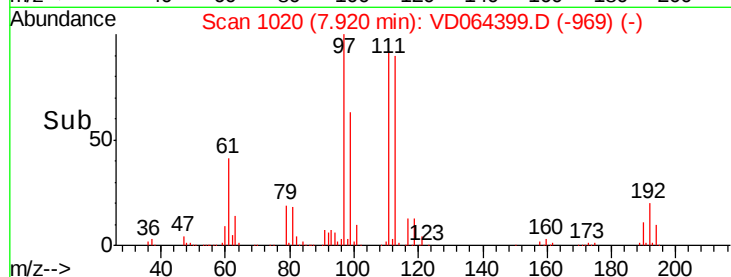
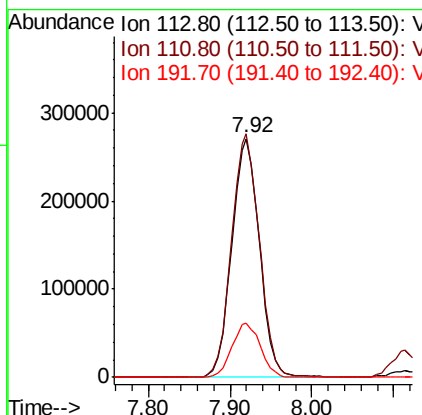
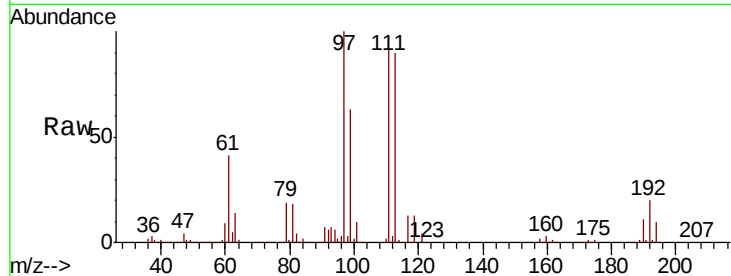




#35
 Dibromofluoromethane
 Concen: 137.008 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

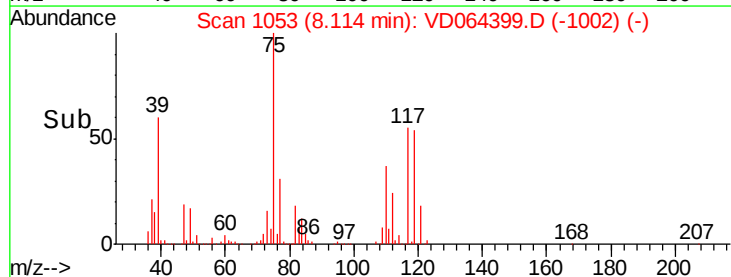
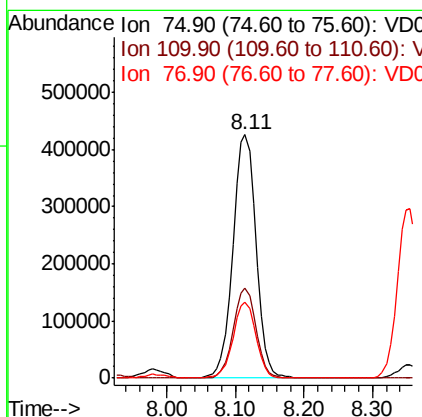
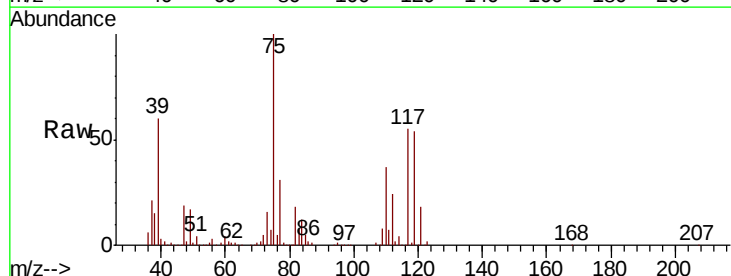
Instrument :
 MSVOA_D
 ClientSampleId :

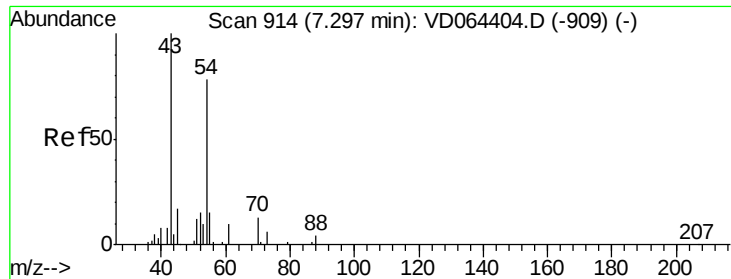
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.2
192	23.3	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 142.752 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.6	55.8
77	30.9	25.0	37.4

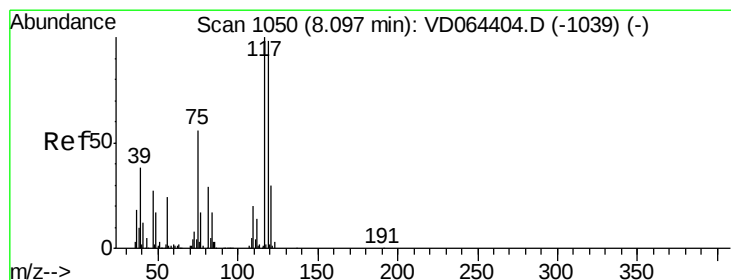
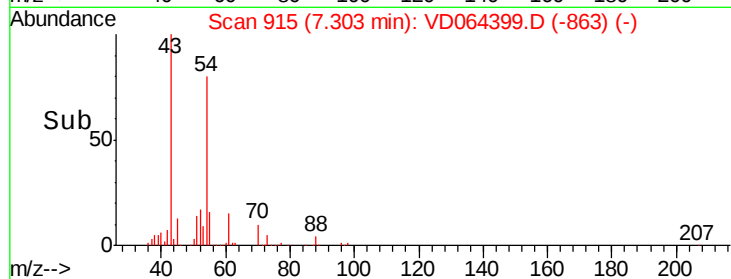
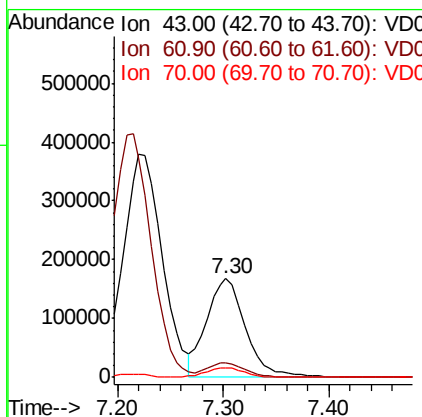
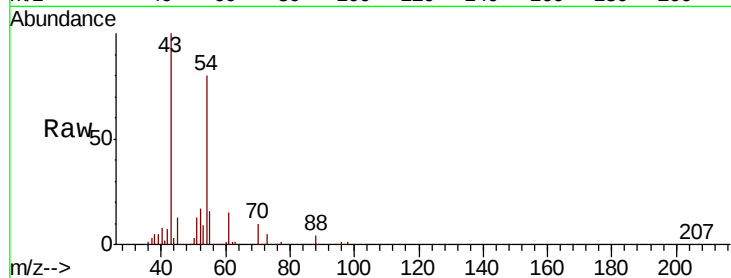




#37
Ethyl Acetate
Concen: 143.184 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

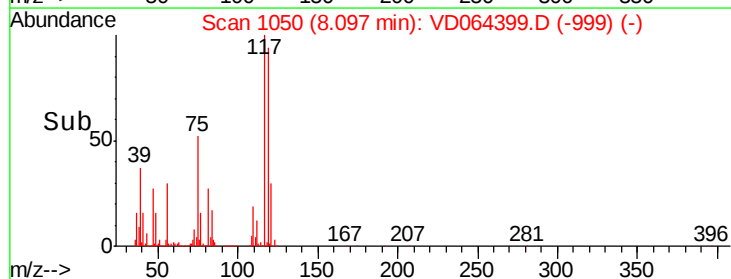
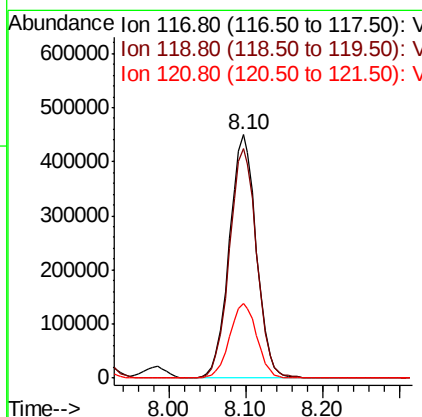
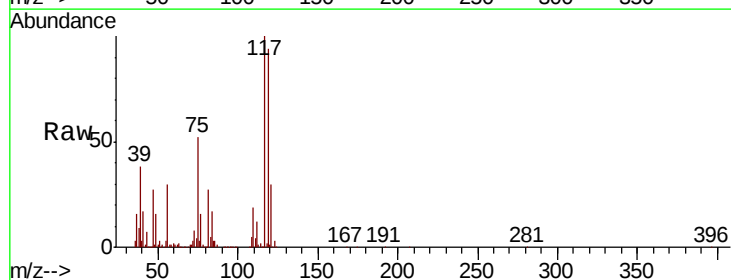
Instrument :
MSVOA_D
ClientSampled :

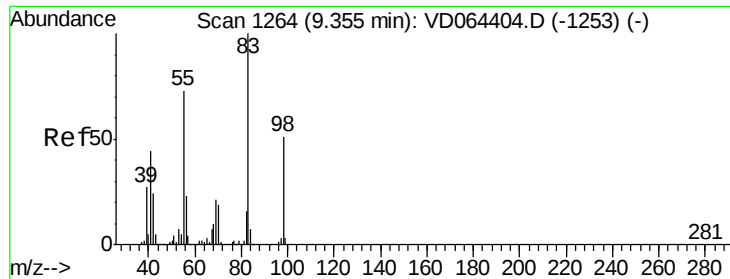
Tot Ion: 43 Resp: 423041
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 9.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 149.290 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 117 Resp: 1097111
Ion Ratio Lower Upper
117 100
119 94.2 78.8 118.2
121 30.5 24.2 36.2

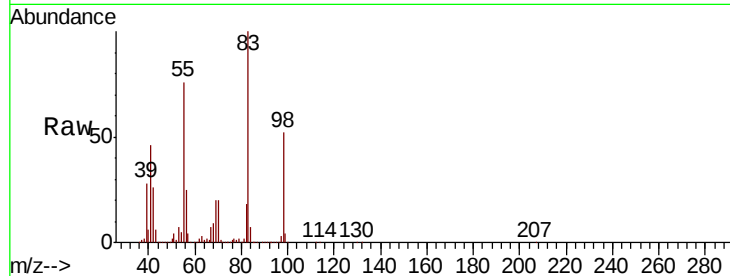




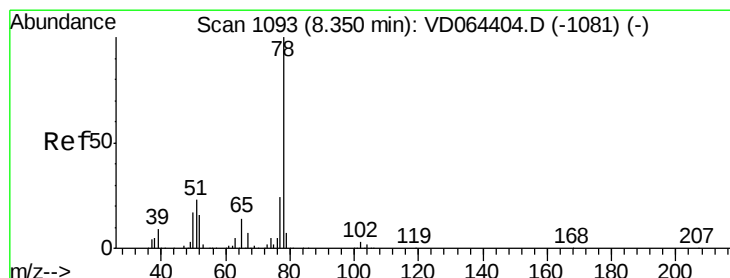
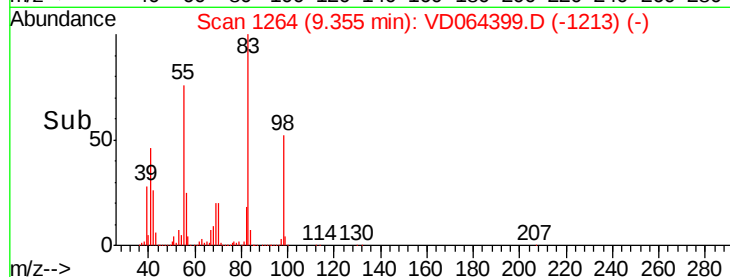
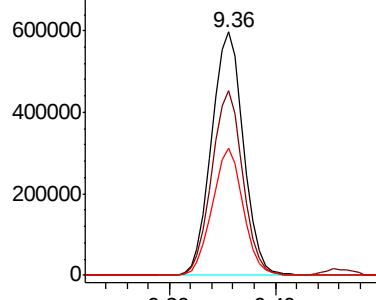
#39
Methvlcvclohexane
Concen: 145.272 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 1254754
Ion Ratio Lower Upper
83 100
55 75.8 58.6 87.8
98 52.5 40.9 61.3

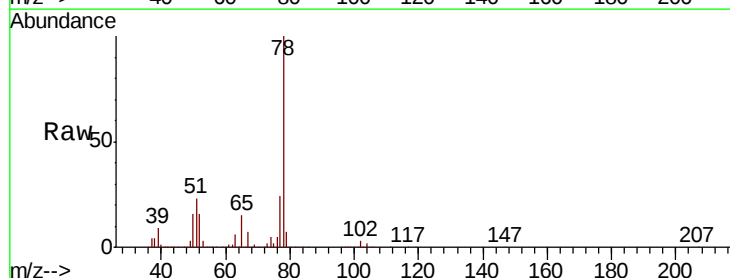


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

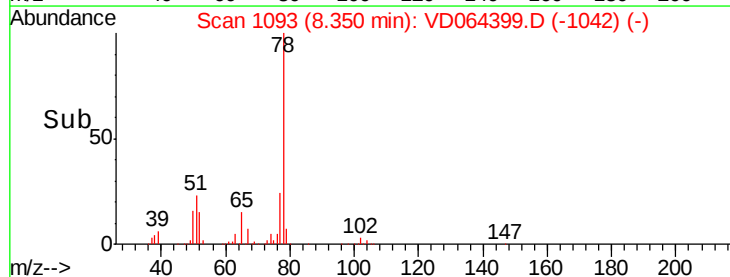
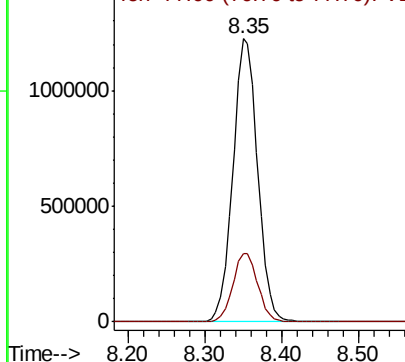


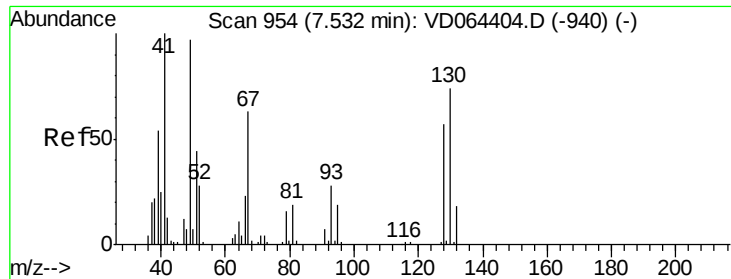
#40
Benzene
Concen: 142.085 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 78 Resp: 2747798
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4



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

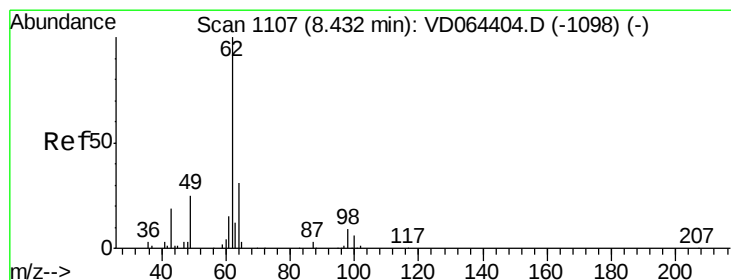
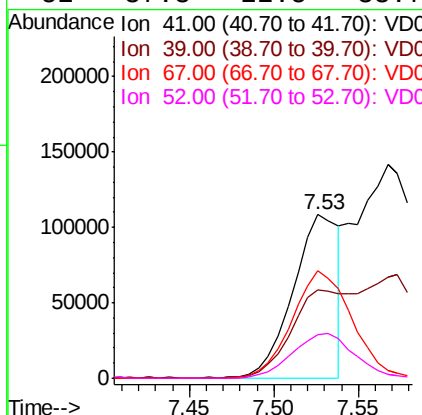
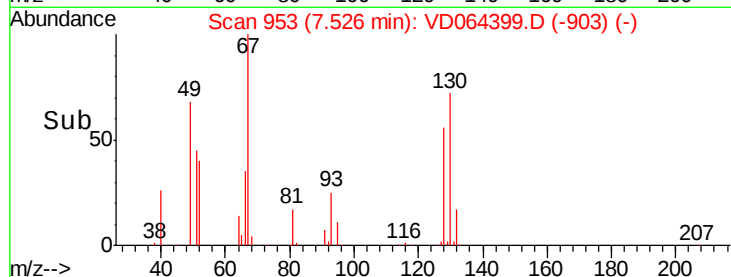
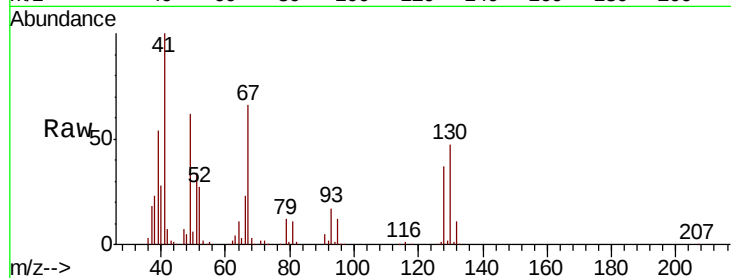




#41
Methacrylonitrile
Concen: 119.785 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

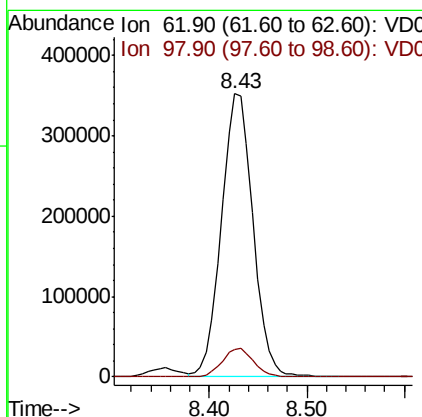
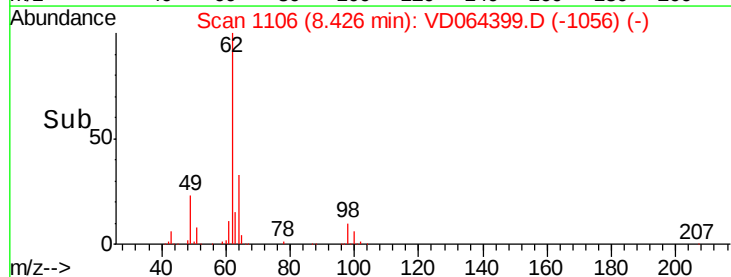
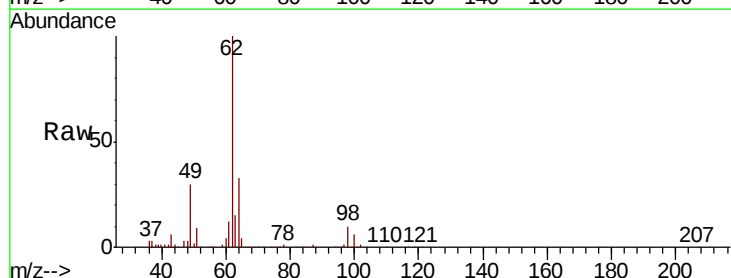
Instrument :
MSVOA_D
ClientSampleId :

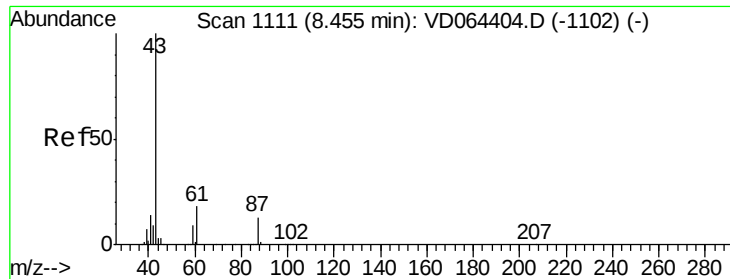
Tot Ion: 41 Resp: 202960
Ion Ratio Lower Upper
41 100
39 66.0 44.6 67.0
67 87.1 50.9 76.3#
52 37.3 22.5 33.7#



#42
1,2-Dichloroethane
Concen: 139.392 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 62 Resp: 786143
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6





#43

Isopropyl Acetate

Concen: 144.485 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

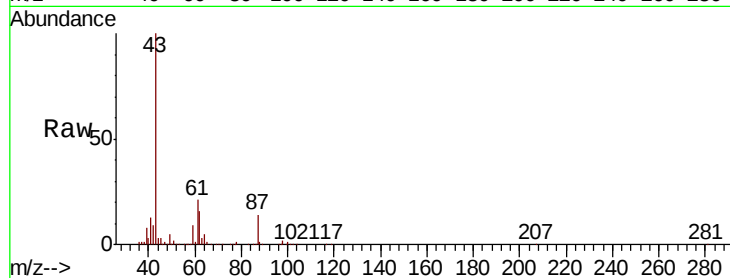
Tot Ion: 43 Resp: 839341

Ion Ratio Lower Upper

43 100

61 29.5 24.0 36.0

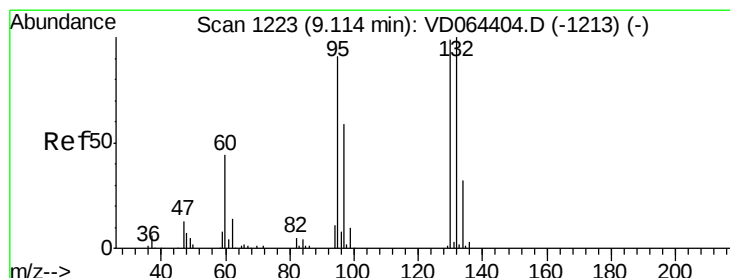
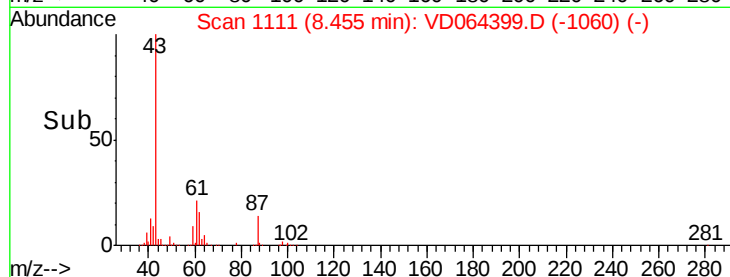
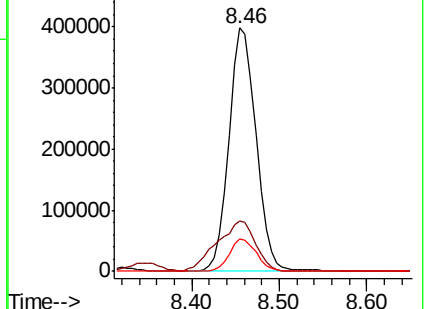
87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 139.259 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064399.D

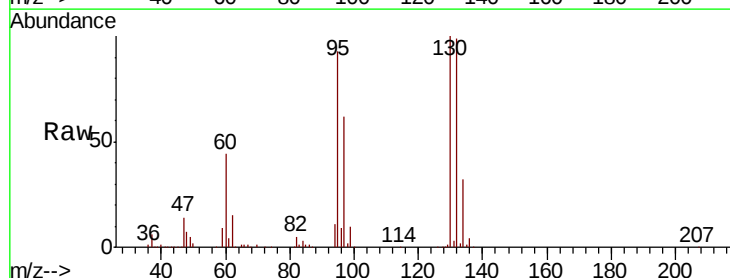
Acq: 27 Nov 2019 16:31

Tgt Ion:130 Resp: 811248

Ion Ratio Lower Upper

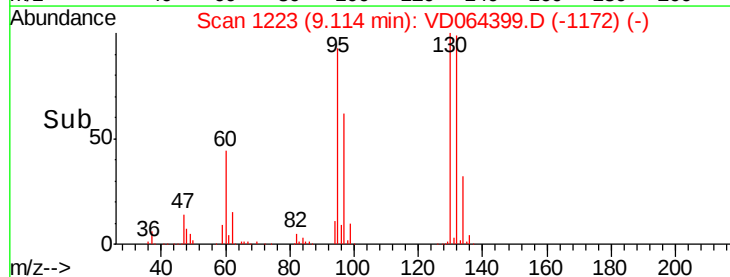
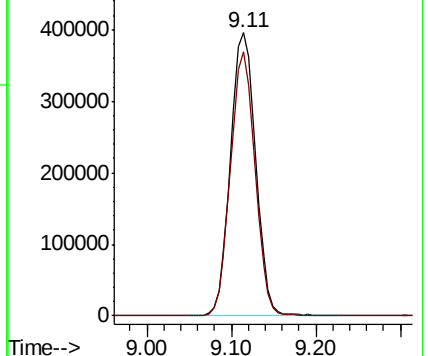
130 100

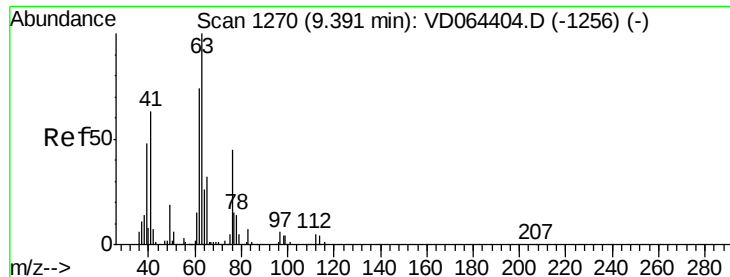
95 93.4 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 140.966 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

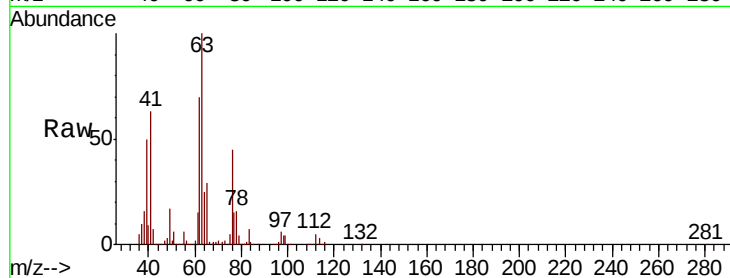
ClientSampleId :

Tot Ion: 63 Resp: 651980

Ion Ratio Lower Upper

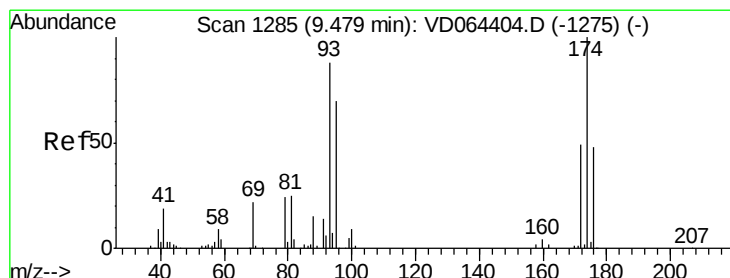
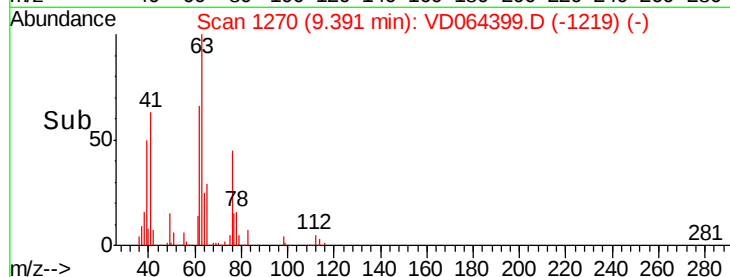
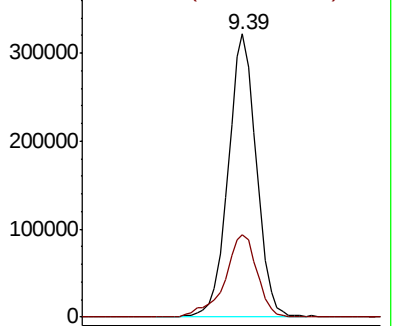
63 100

65 29.0 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 142.077 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

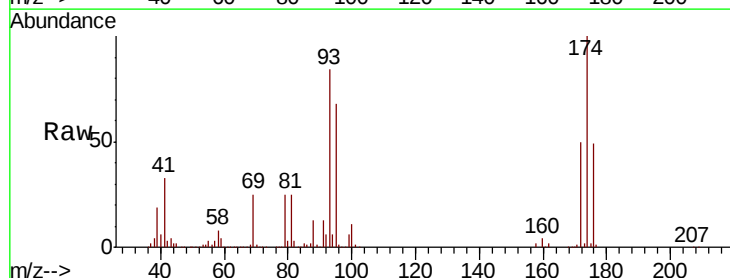
Tgt Ion: 93 Resp: 370877

Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

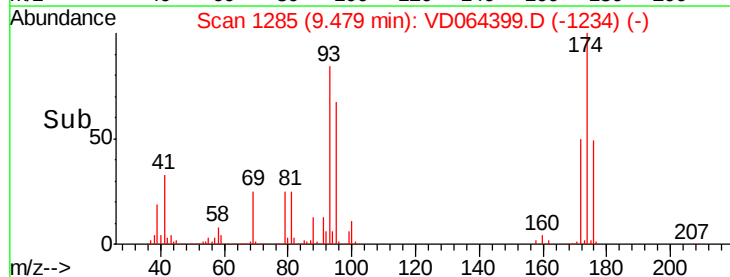
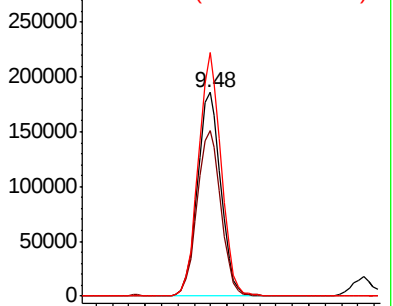
174 116.3 92.3 138.5

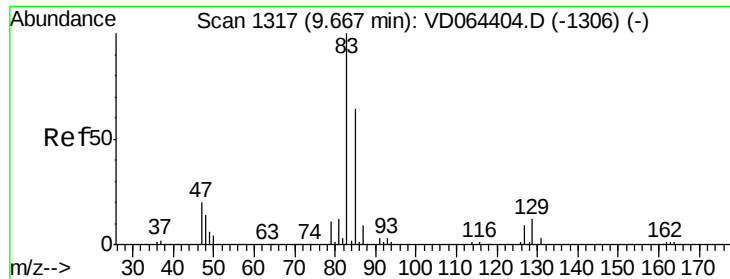


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 142.203 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampled :

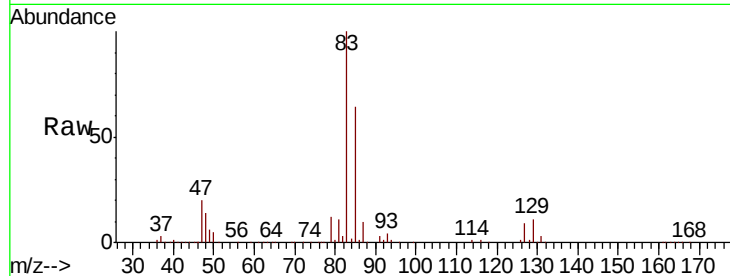
Tot Ion: 83 Resp: 953807

Ion Ratio Lower Upper

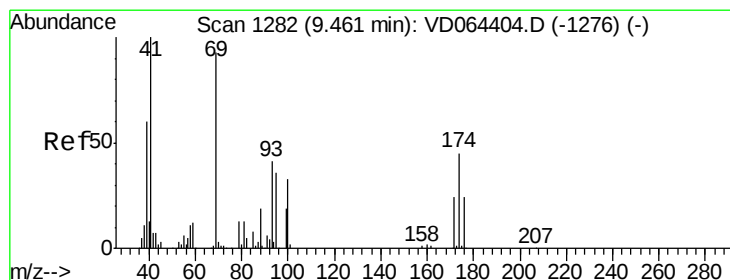
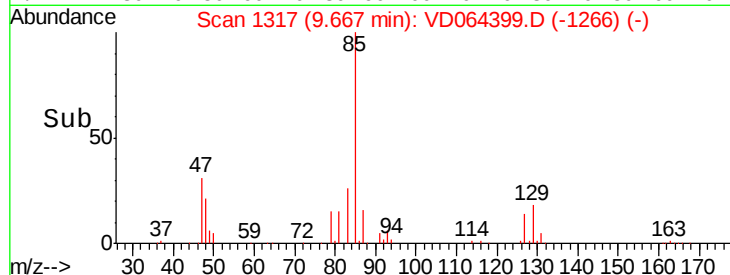
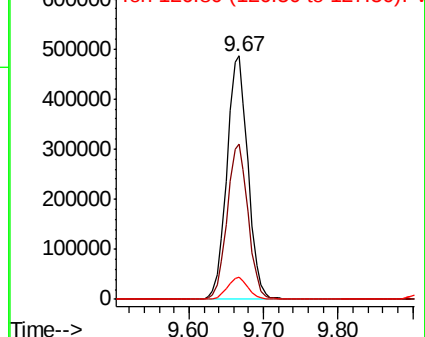
83 100

85 63.6 51.1 76.7

127 9.1 7.4 11.0



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: 148.423 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

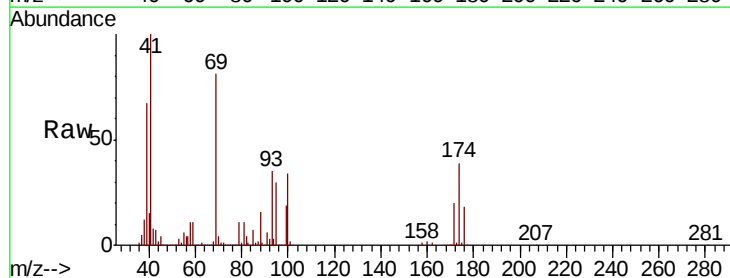
Tgt Ion: 41 Resp: 394543

Ion Ratio Lower Upper

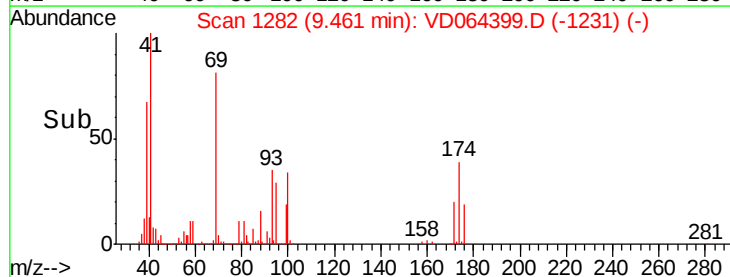
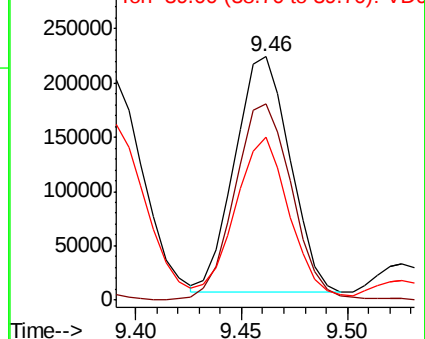
41 100

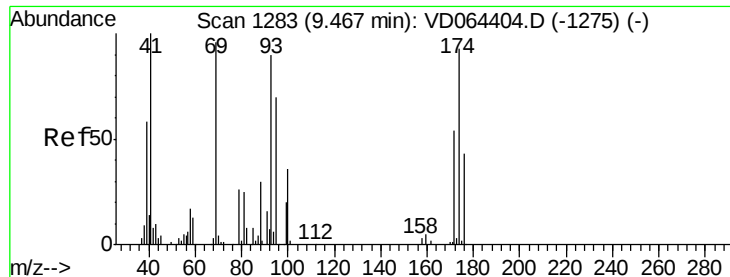
69 86.2 72.0 108.0

39 63.8 55.2 82.8



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

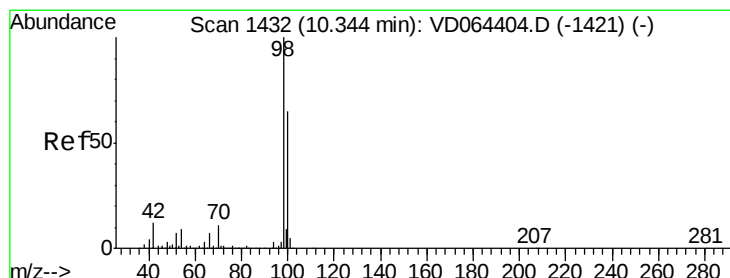
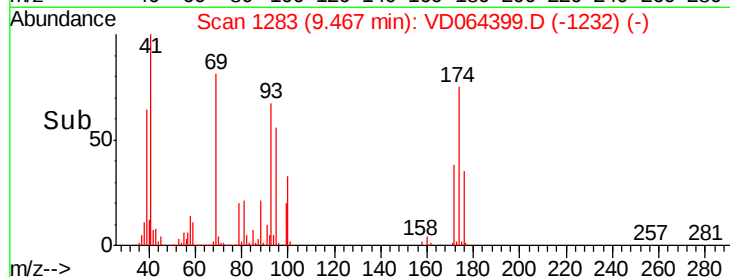
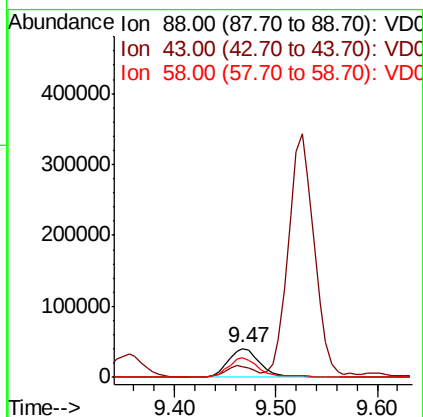
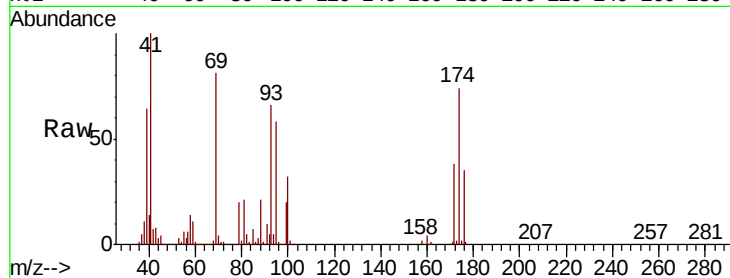




#49
 1,4-Dioxane
 Concen: 2795.753 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

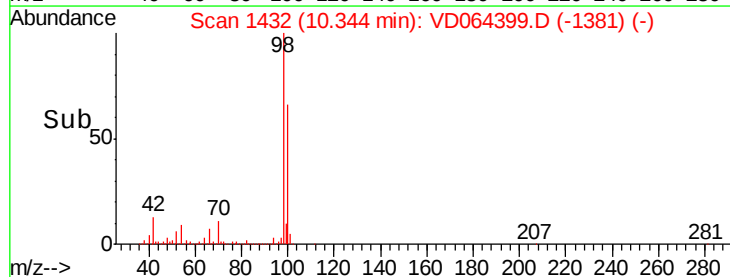
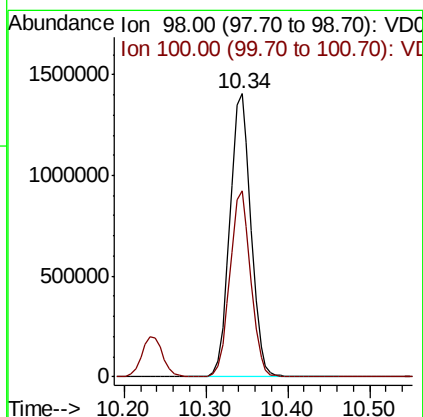
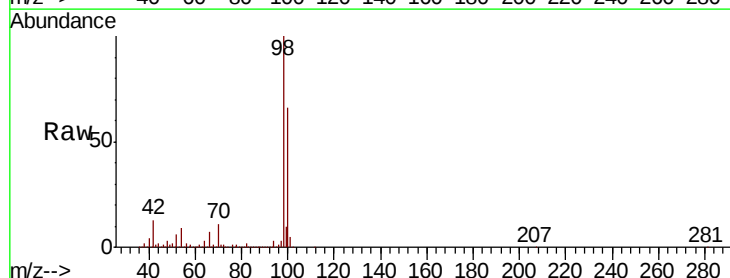
Instrument :
 MSVOA_D
 ClientSampleId :

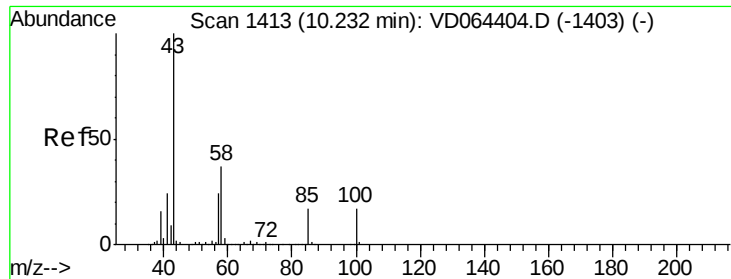
Tot Ion: 88 Resp: 90120
 Ion Ratio Lower Upper
 88 100
 43 32.7 26.7 40.1
 58 61.3 52.3 78.5



#50
 Toluene-d8
 Concen: 144.183 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion: 98 Resp: 2519057
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 746.901 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

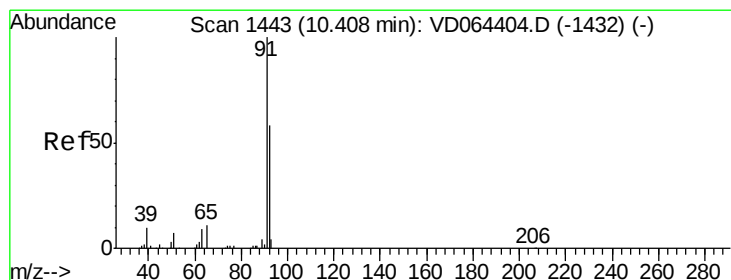
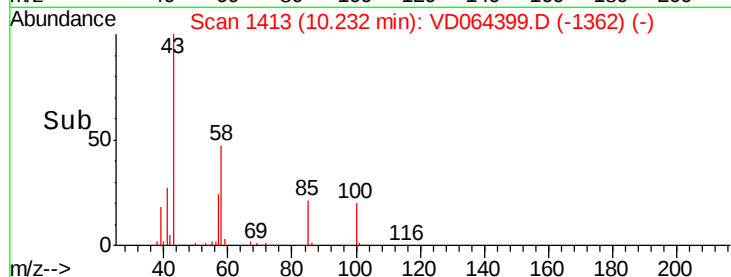
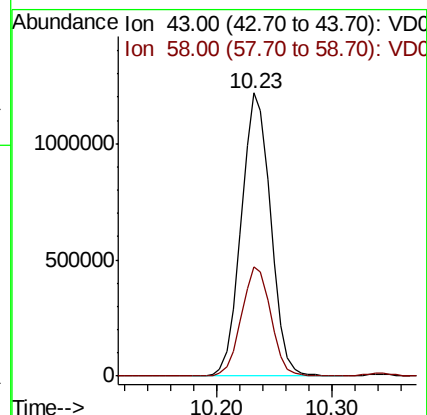
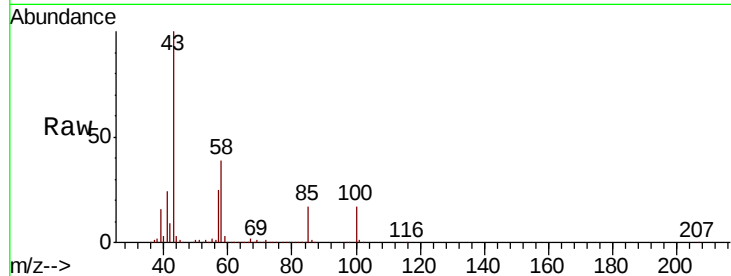
ClientSampled :

Tot Ion: 43 Resp: 2146838

Ion Ratio Lower Upper

43 100

58 38.5 30.6 46.0



#52

Toluene

Concen: 146.112 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD064399.D

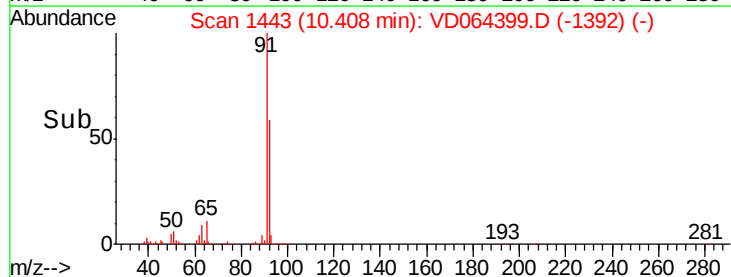
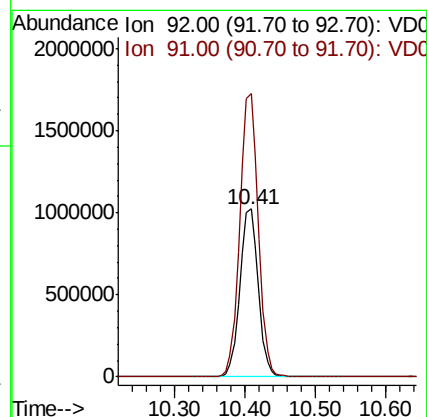
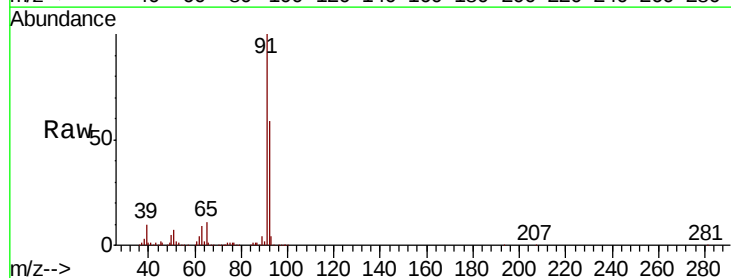
Acq: 27 Nov 2019 16:31

Tgt Ion: 92 Resp: 1841508

Ion Ratio Lower Upper

92 100

91 170.0 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 147.579 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

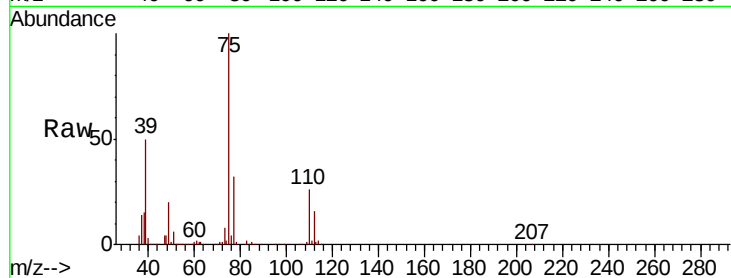
ClientSampled :

Tot Ion: 75 Resp: 943375

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

600000

500000

400000

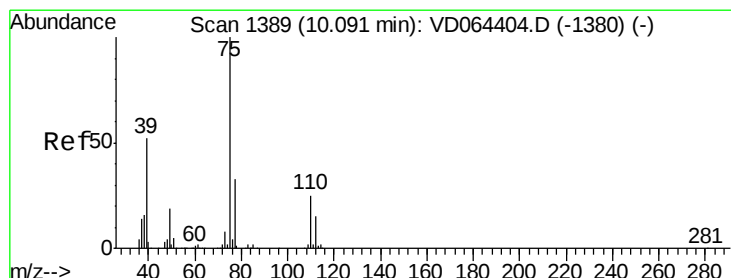
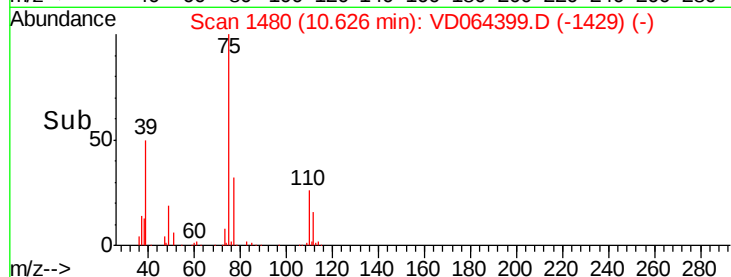
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 142.821 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

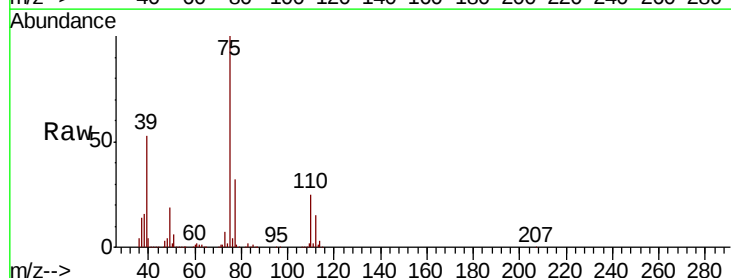
Tgt Ion: 75 Resp: 1084568

Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

39 53.1 41.5 62.3



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

800000

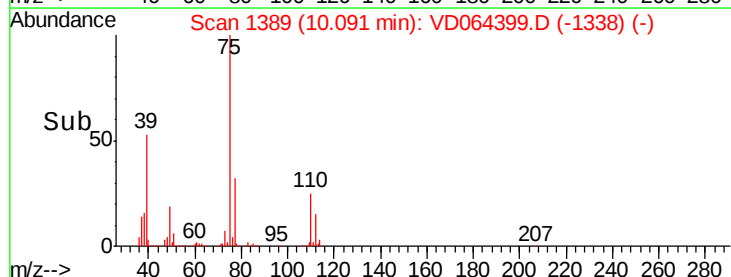
600000

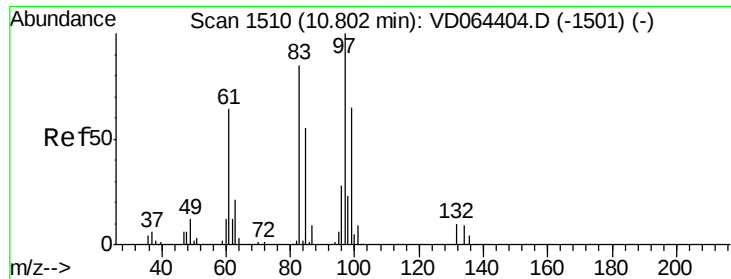
400000

200000

0

Time-->

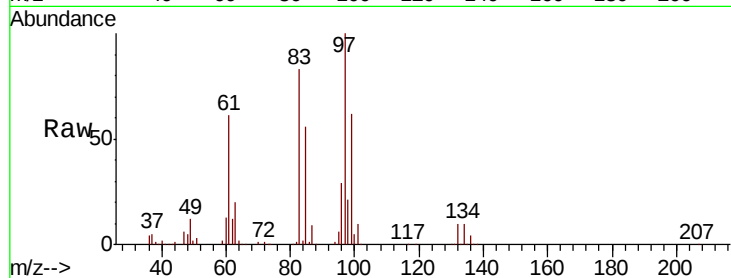




#55
 1,1,2-Trichloroethane
 Concen: 139.643 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.8	101.8
85	55.5	43.7	65.5
99	61.9	51.7	77.5



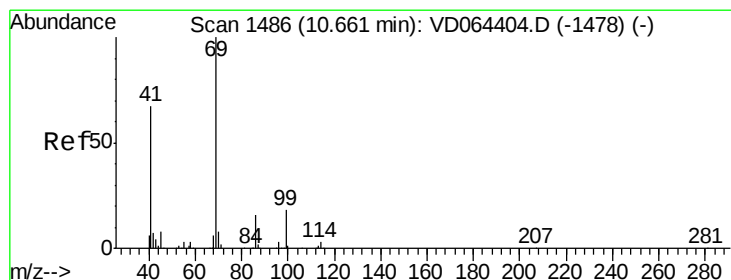
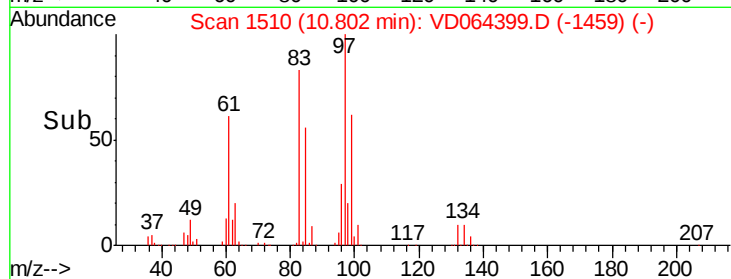
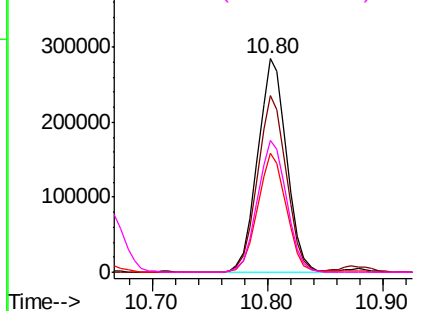
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

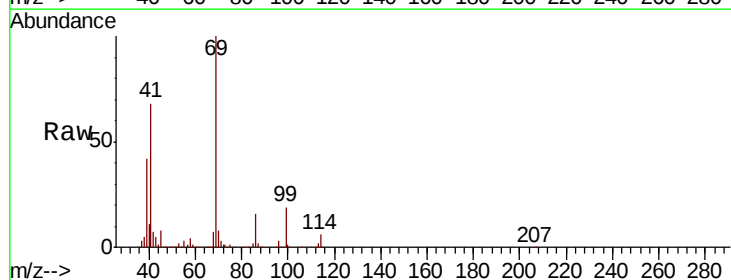
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 149.463 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.0	82.4
39	42.3	33.0	49.6

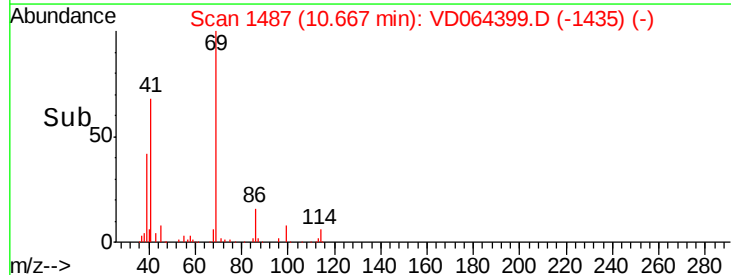
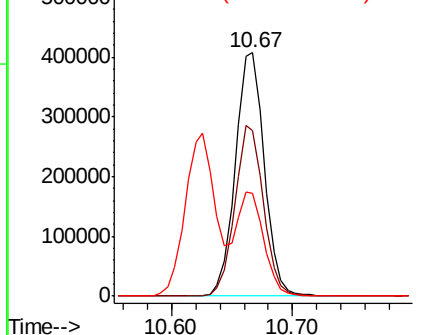


Abundance

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: 140.551 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

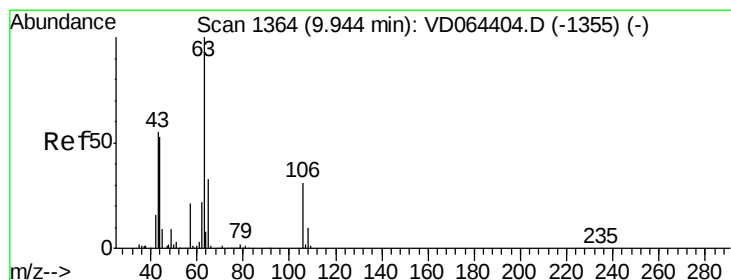
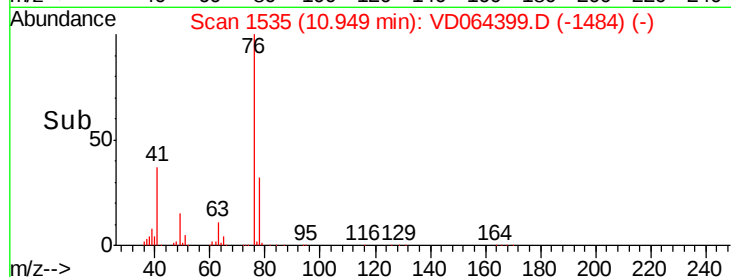
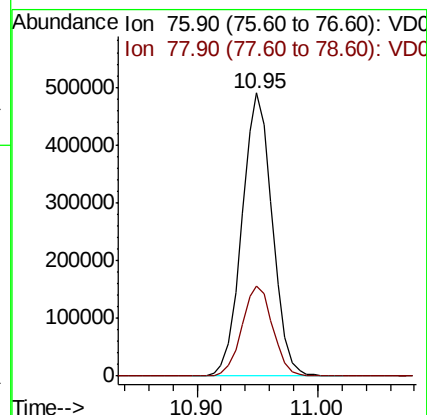
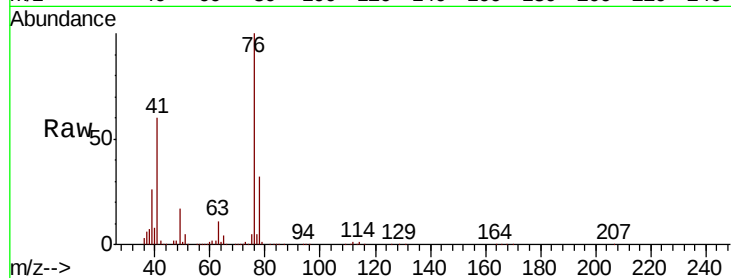
ClientSampled :

Tot Ion: 76 Resp: 855193

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 664.935 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD064399.D

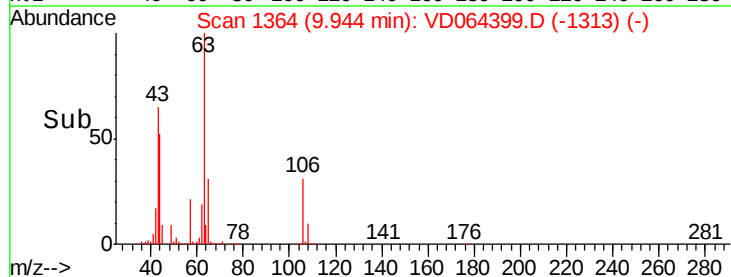
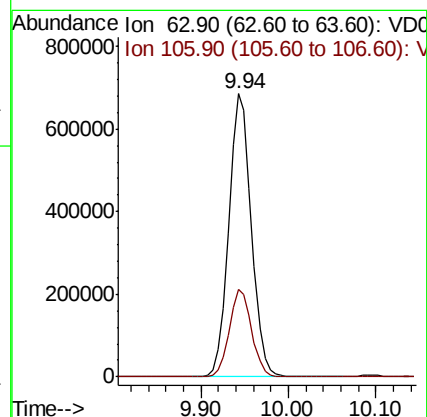
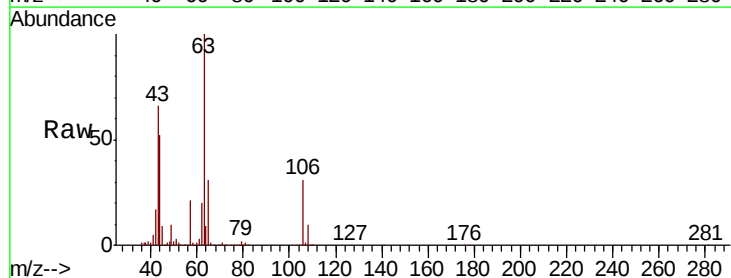
Acq: 27 Nov 2019 16:31

Tgt Ion: 63 Resp: 1208424

Ion Ratio Lower Upper

63 100

106 30.6 24.2 36.4

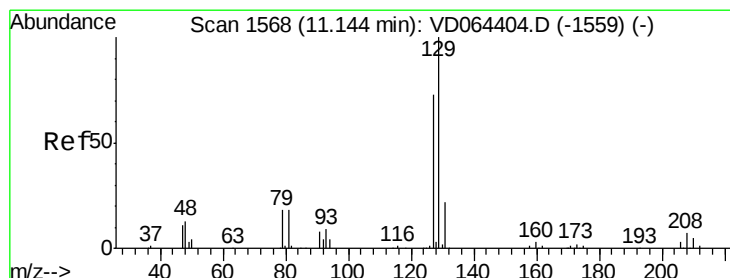
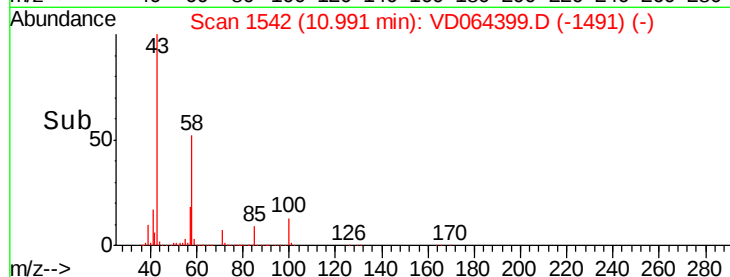
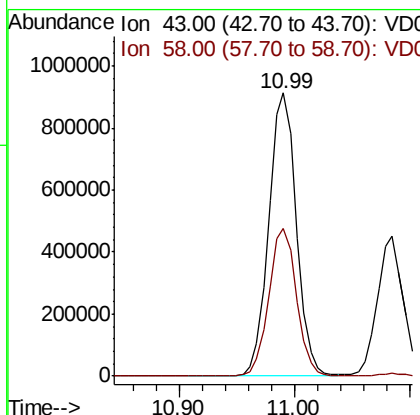
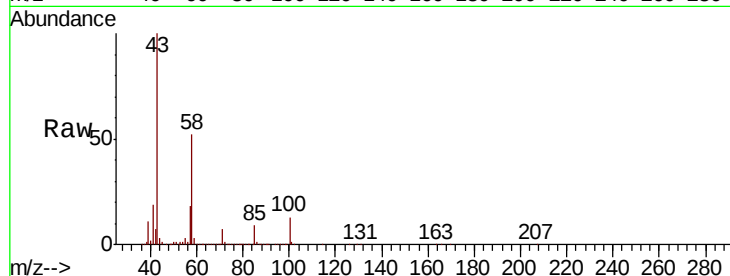




#59
2-Hexanone
Concen: 762.245 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

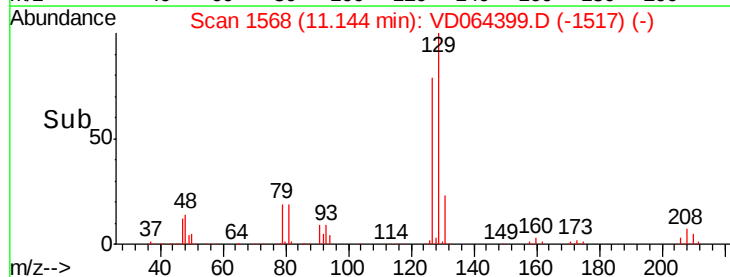
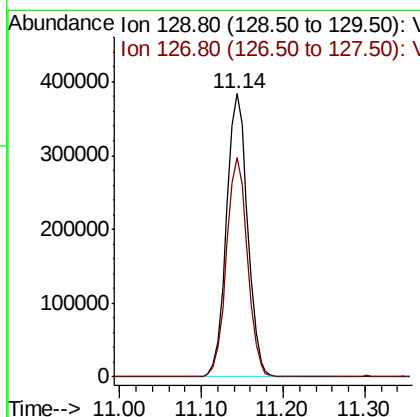
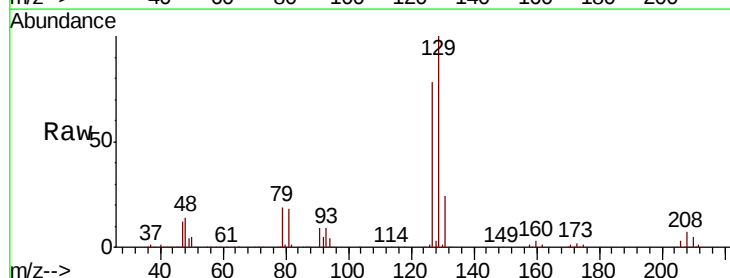
Instrument :
MSVOA_D
ClientSampled :

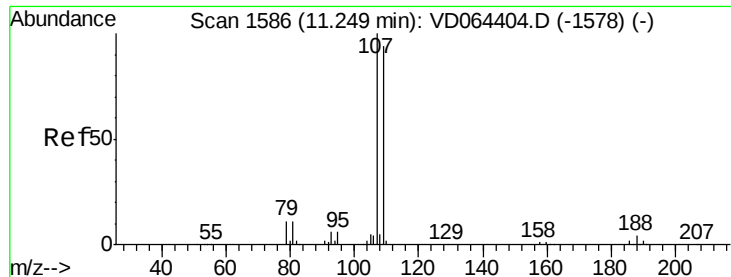
Tot Ion: 43 Resp: 1520273
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.8



#60
Dibromochloromethane
Concen: 142.228 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 129 Resp: 689283
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3

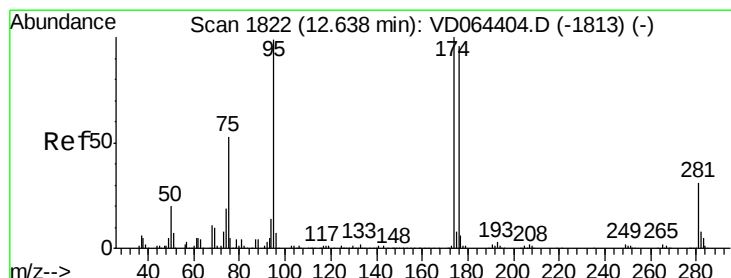
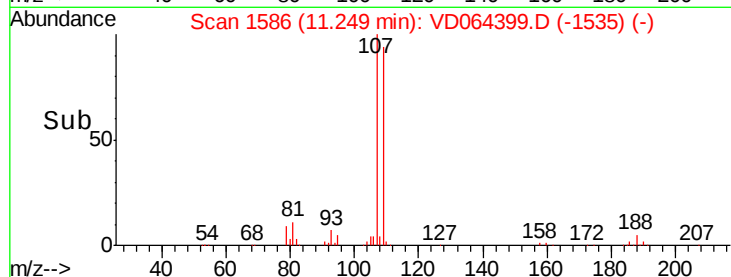
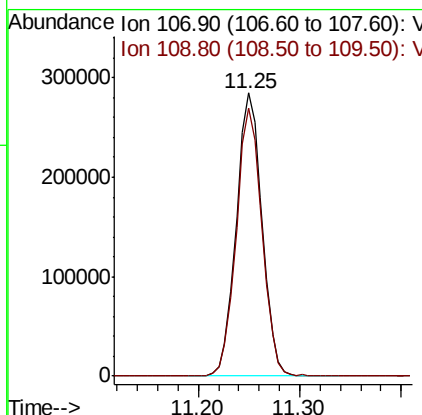
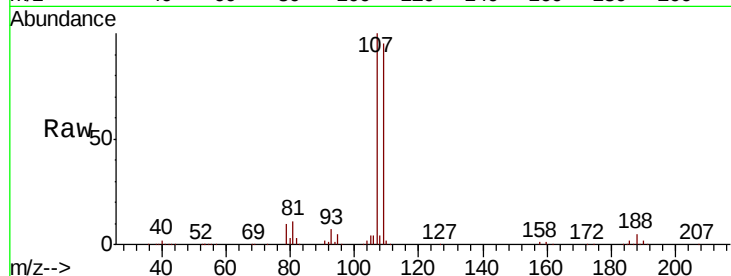




#61
 1,2-Dibromoethane
 Concen: 140.737 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

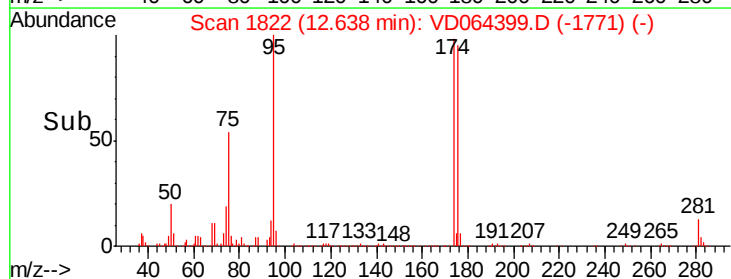
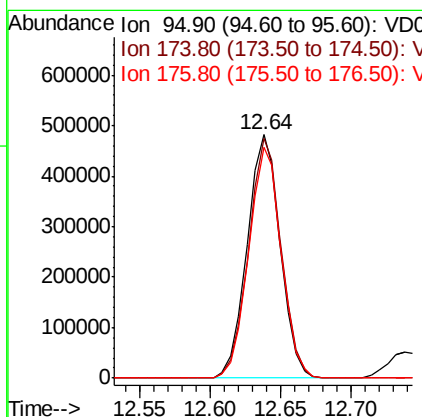
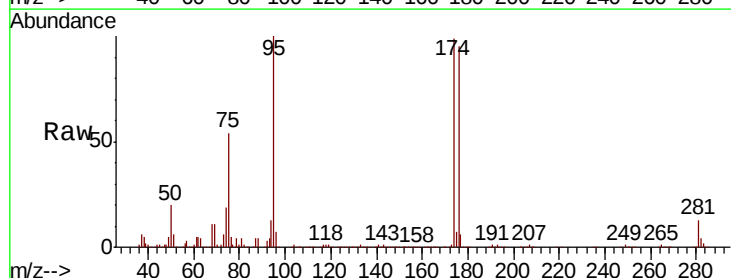
Instrument :
 MSVOA_D
 ClientSampleId :

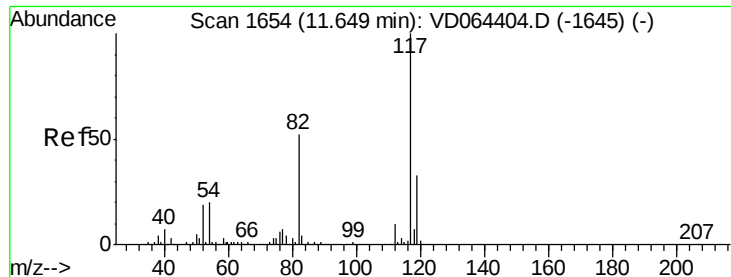
Tot Ion:107 Resp: 502273
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 140.447 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion: 95 Resp: 788580
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 197.2
 176 94.3 0.0 189.6

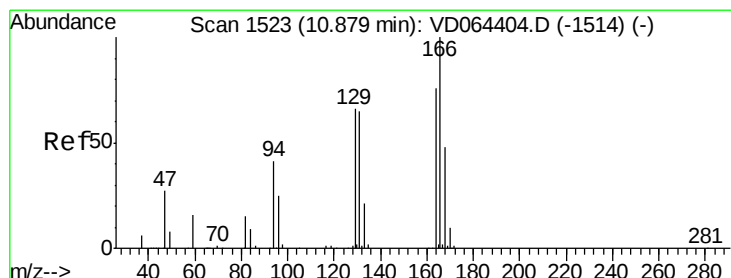
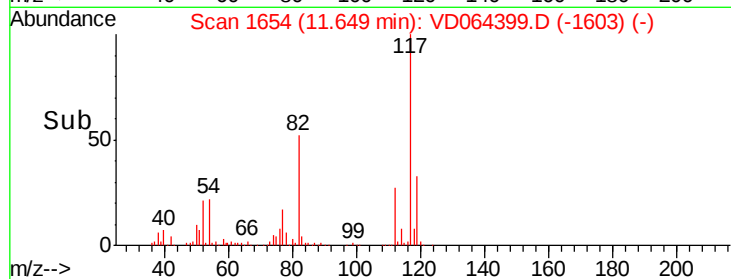
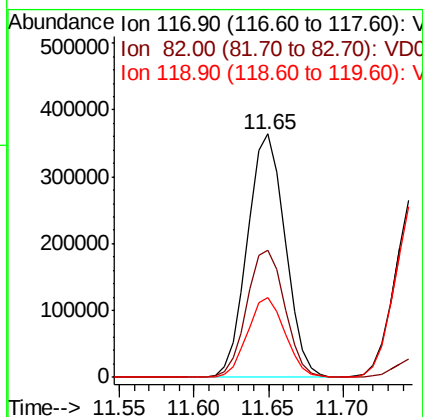
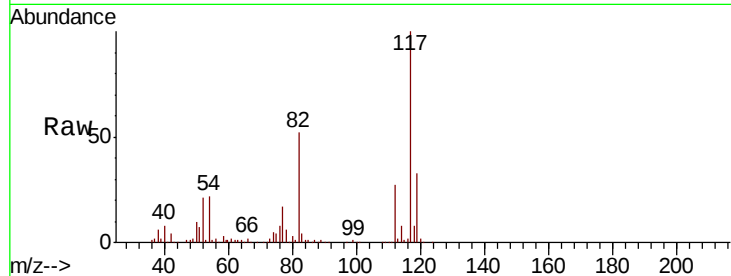




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

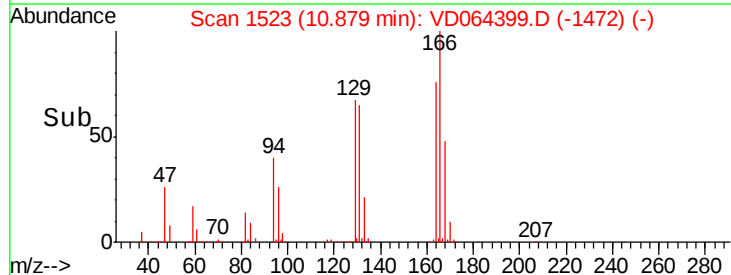
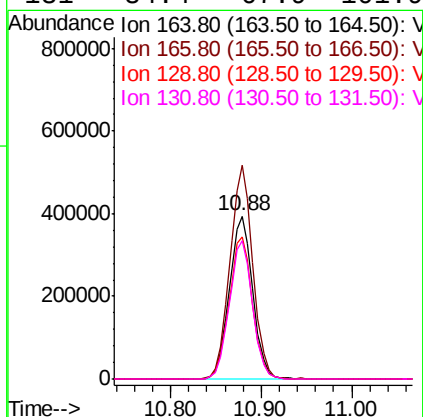
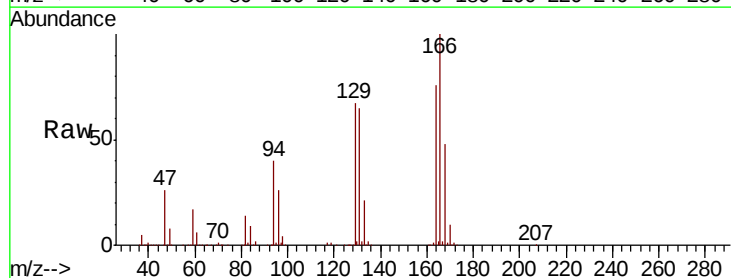
Instrument :
MSVOA_D
ClientSampleId :

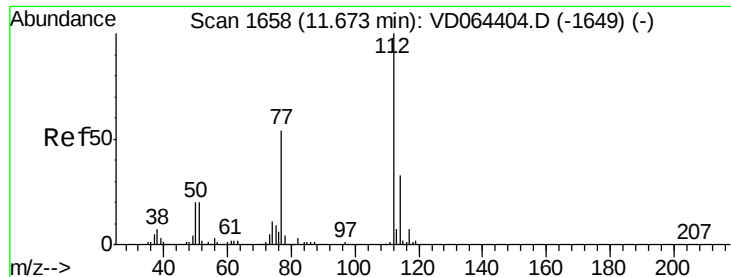
Tot Ion:117 Resp: 637682
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 32.9 26.2 39.2



#64
Tetrachloroethene
Concen: 145.094 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion:164 Resp: 705567
Ion Ratio Lower Upper
164 100
166 131.0 104.8 157.2
129 87.3 68.7 103.1
131 84.4 67.9 101.9

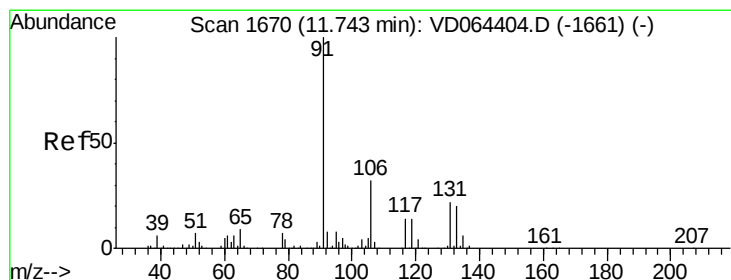
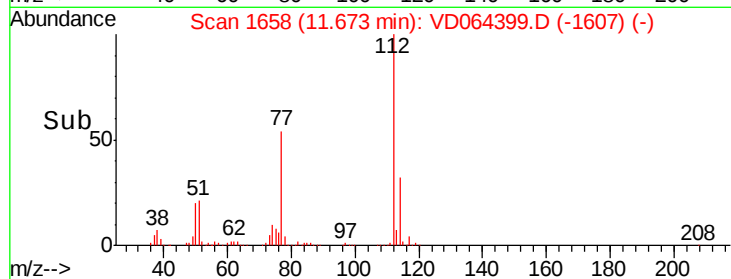
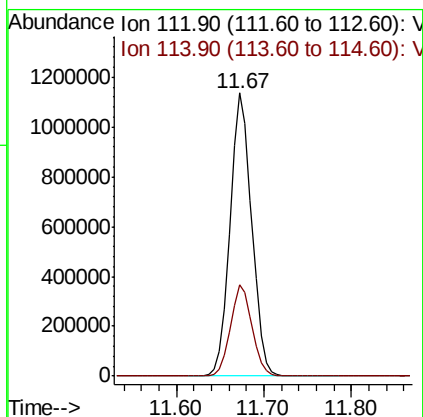
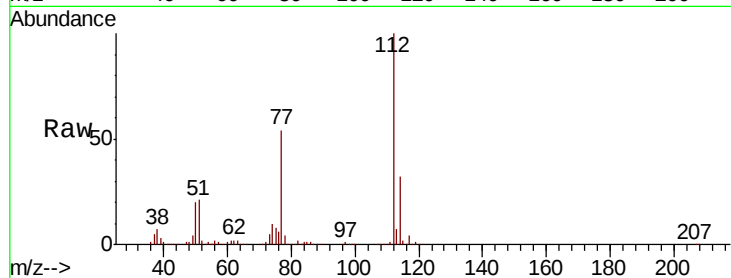




#65
Chlorobenzene
Concen: 143.151 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

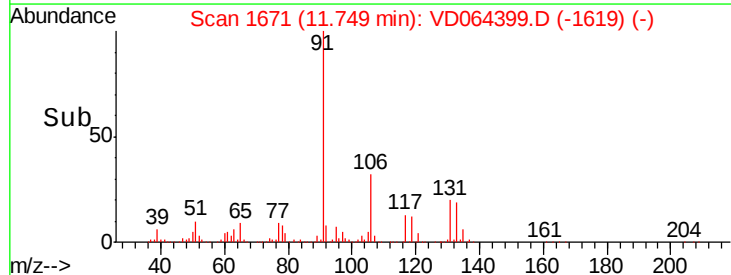
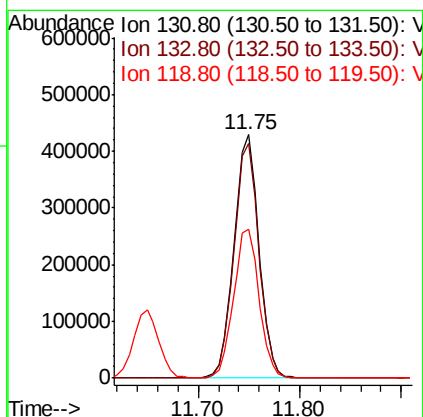
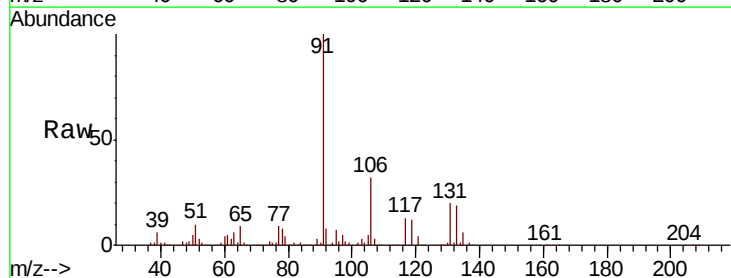
Instrument :
MSVOA_D
ClientSampled :

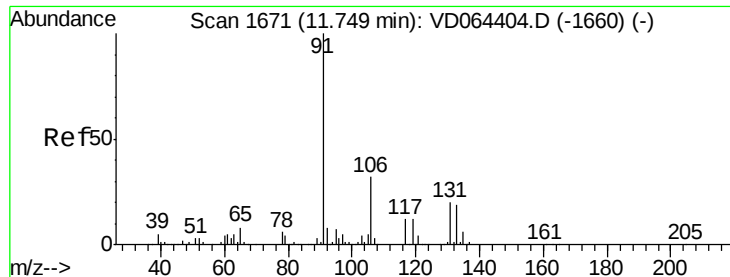
Tot Ion:112 Resp: 1903903
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 148.757 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion:131 Resp: 732405
Ion Ratio Lower Upper
131 100
133 96.8 48.3 144.9
119 62.8 31.9 95.9





#67

Ethyl Benzene

Concen: 147.824 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

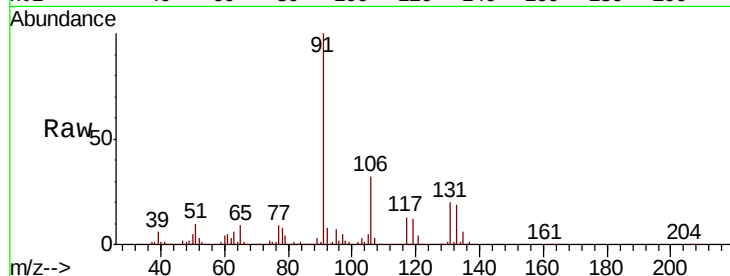
ClientSampleId :

Tot Ion: 91 Resp: 3498052

Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

3000000

2500000

2000000

1500000

1000000

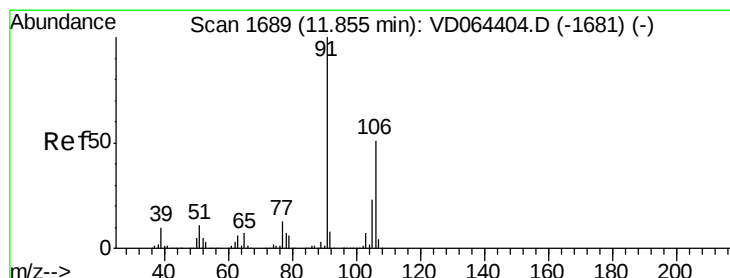
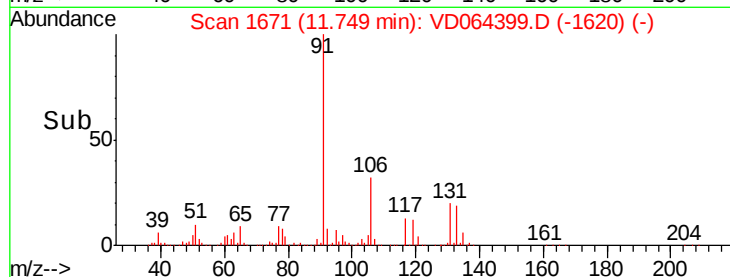
500000

0

11.75

11.80

Time-->



#68

m/p-Xylenes

Concen: 300.996 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064399.D

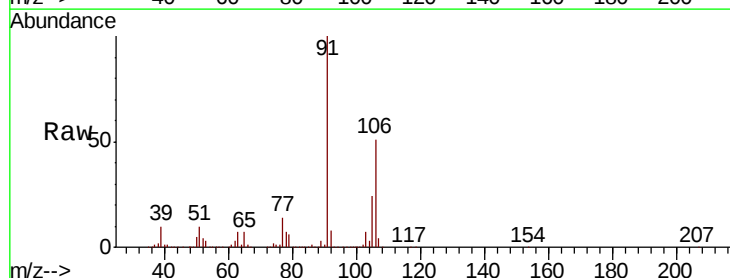
Acq: 27 Nov 2019 16:31

Tgt Ion: 106 Resp: 2715802

Ion Ratio Lower Upper

106 100

91 196.9 157.4 236.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

3000000

2500000

2000000

1500000

1000000

500000

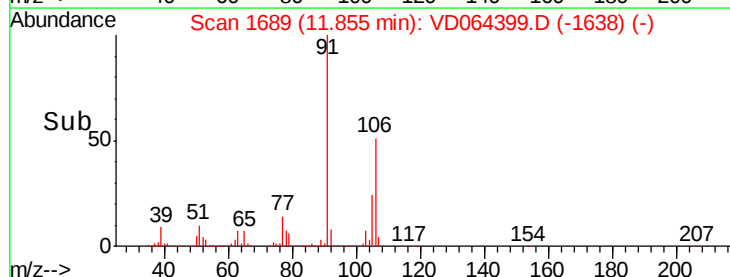
0

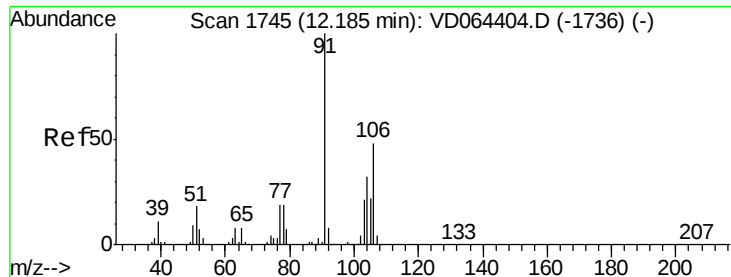
11.86

11.90

12.00

Time-->

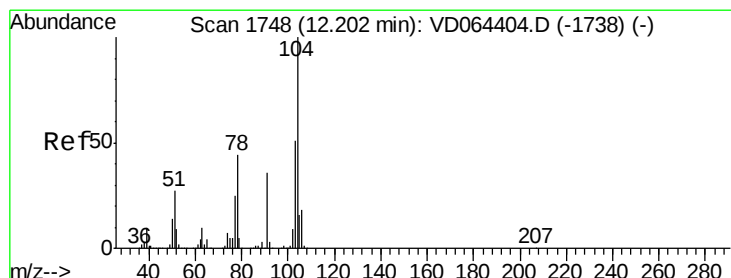
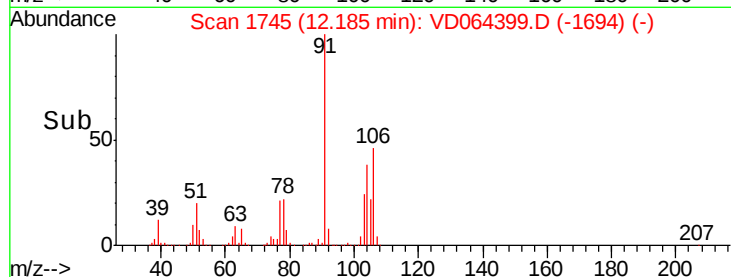
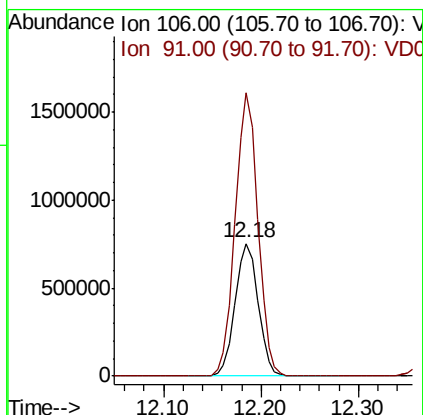
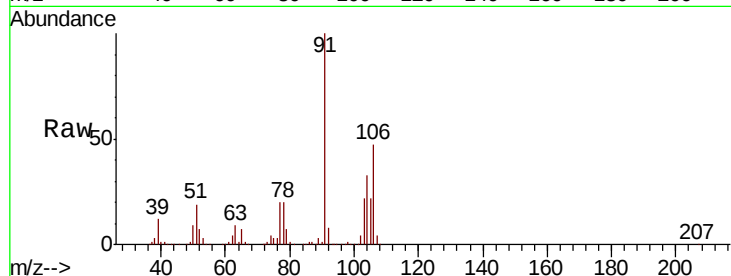




#69
o-Xylene
Concen: 148.396 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

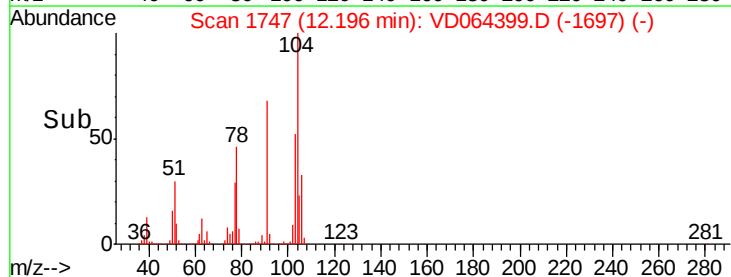
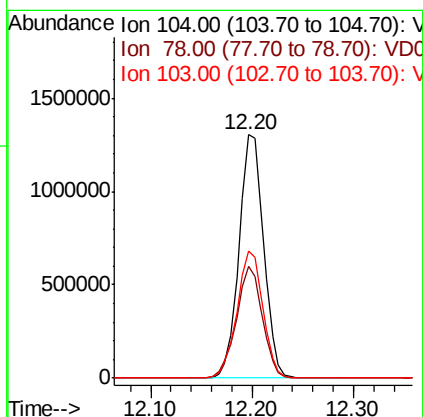
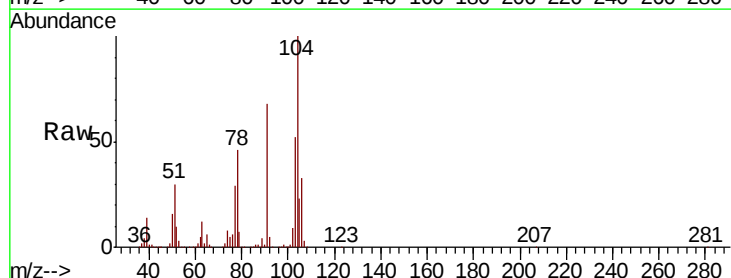
Instrument :
MSVOA_D
ClientSampleId :

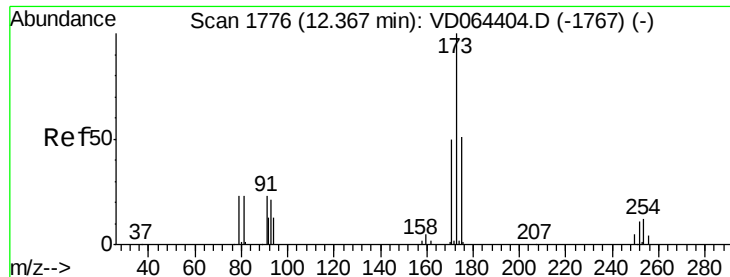
Tot Ion:106 Resp: 1236585
Ion Ratio Lower Upper
106 100
91 210.5 103.8 311.4



#70
Styrene
Concen: 151.896 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion:104 Resp: 2199561
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 149.725 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

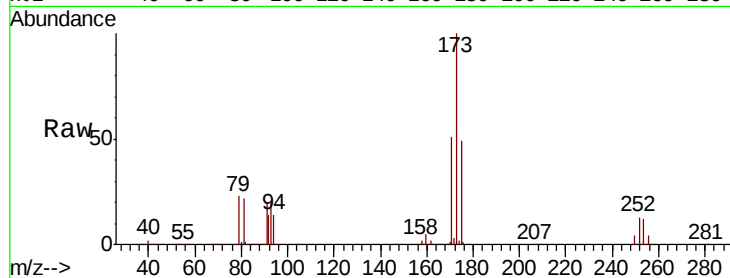
Tot Ion:173 Resp: 441036

Ion Ratio Lower Upper

173 100

175 48.9 25.3 75.8

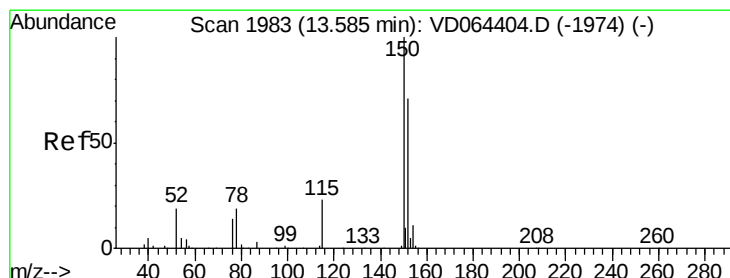
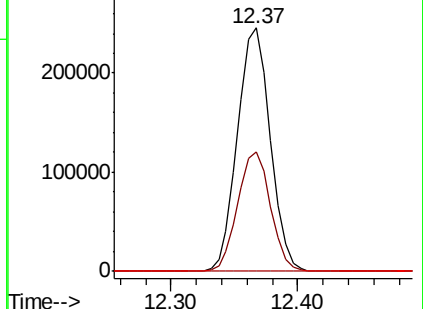
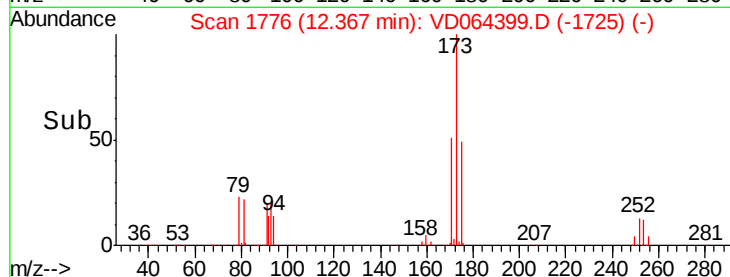
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

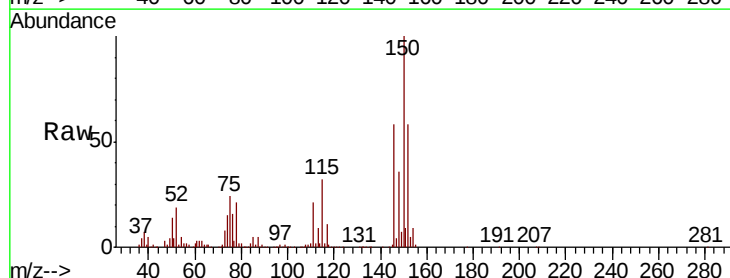
Tgt Ion:152 Resp: 332368

Ion Ratio Lower Upper

152 100

115 54.6 26.7 80.1

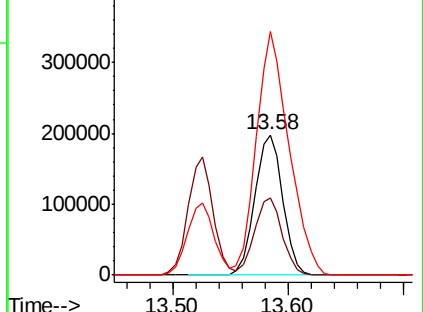
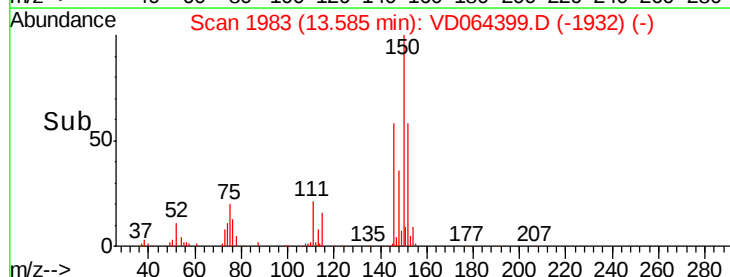
150 203.8 0.0 347.2

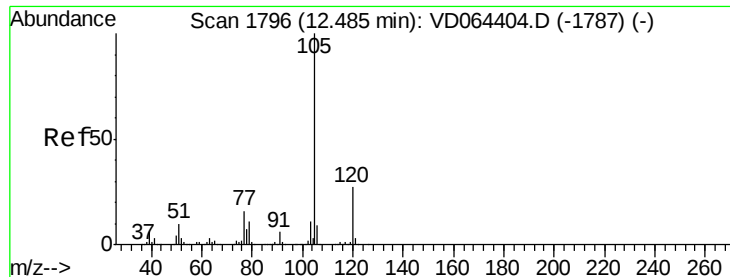


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 143.550 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

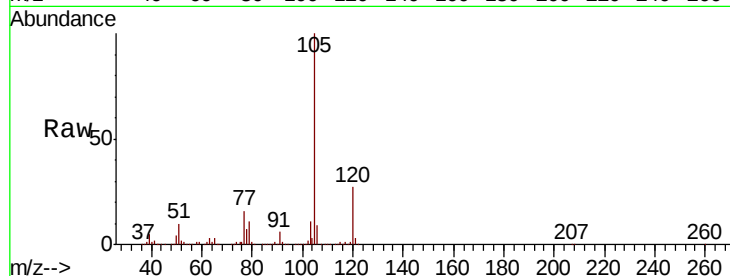
ClientSampled :

Tot Ion:105 Resp: 3431451

Ion Ratio Lower Upper

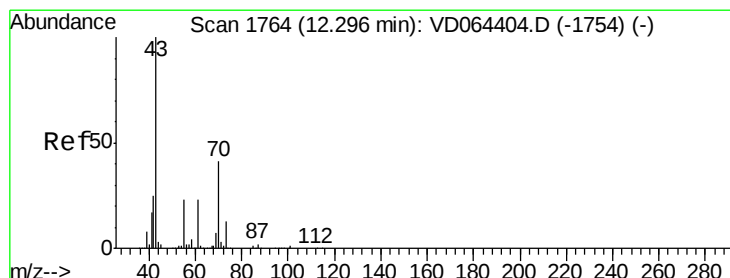
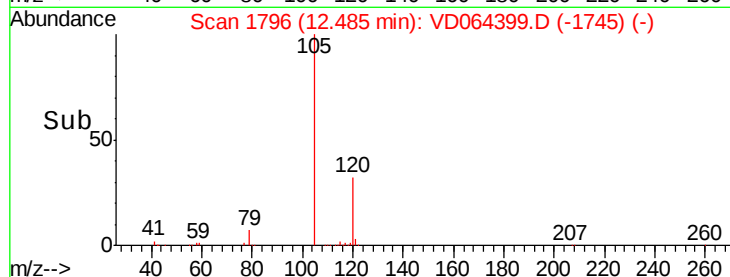
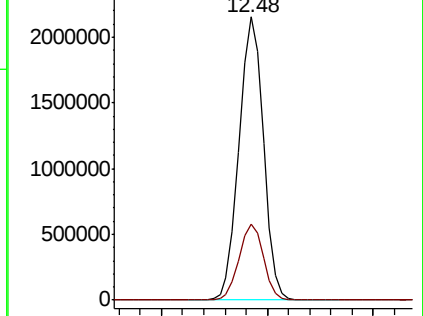
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 146.630 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Tgt Ion: 43 Resp: 795525

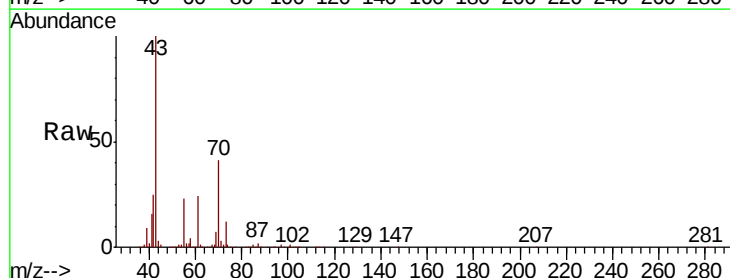
Ion Ratio Lower Upper

43 100

70 41.6 33.4 50.2

55 23.0 18.9 28.3

61 23.6 18.5 27.7

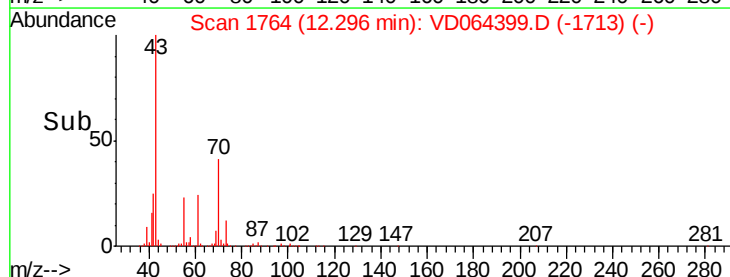
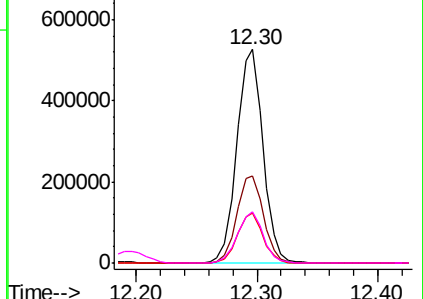


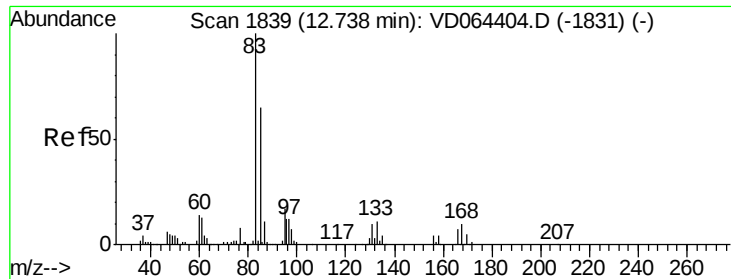
Abundance Ion 43.00 (42.70 to 43.70): V

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: 136.113 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

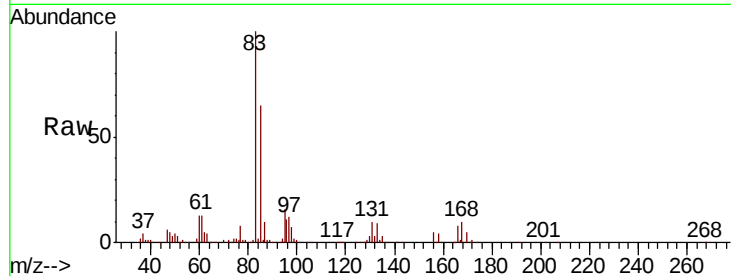
Tot Ion: 83 Resp: 538060

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.7	17.0
85	64.8	31.3	93.9

83 100

131 11.6 5.7 17.0

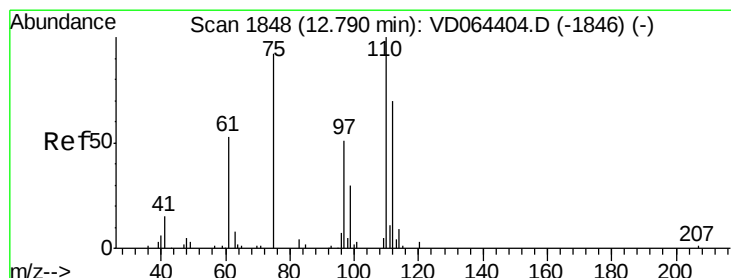
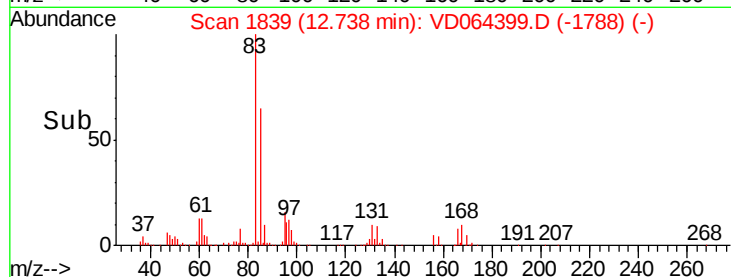
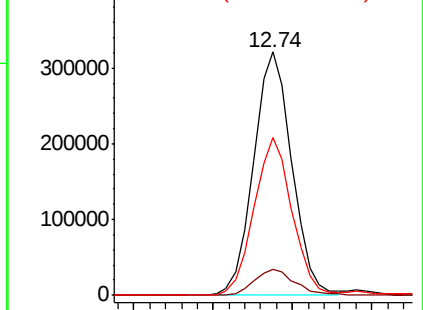
85 64.8 31.3 93.9



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: 271.810 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064399.D

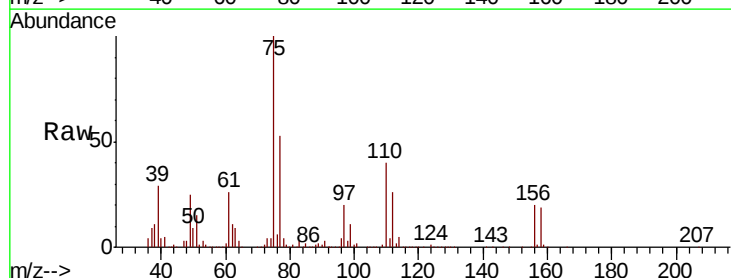
Acq: 27 Nov 2019 16:31

Tgt Ion: 75 Resp: 742933

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

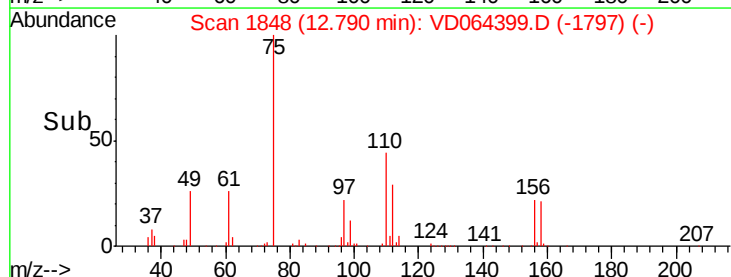
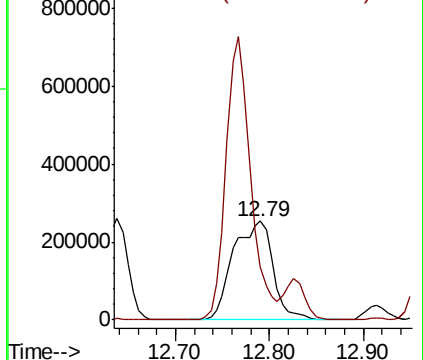
75 100

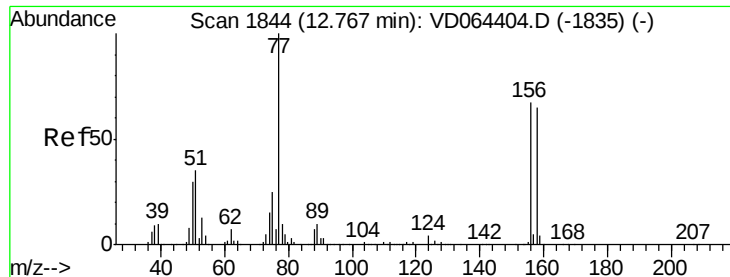
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 139.841 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

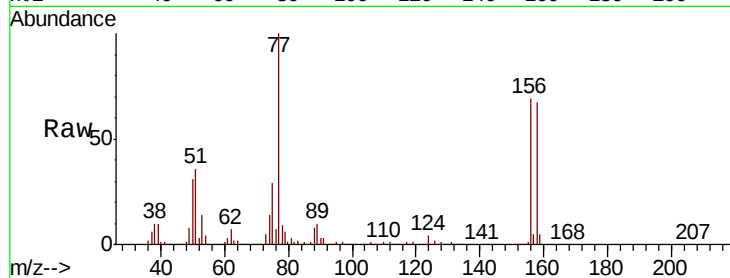
Tot Ion:156 Resp: 825491

Ion Ratio Lower Upper

156 100

77 160.8 80.0 240.2

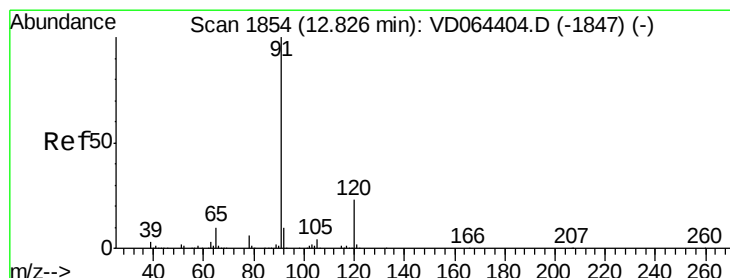
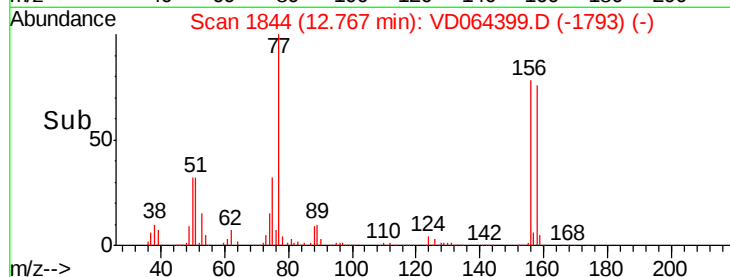
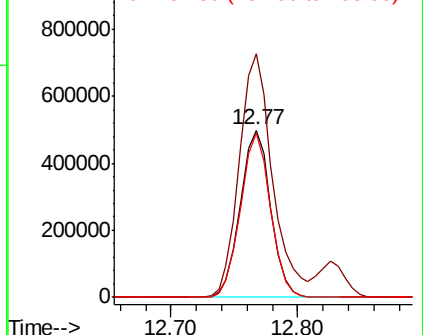
158 97.1 48.9 146.6



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: 142.332 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064399.D

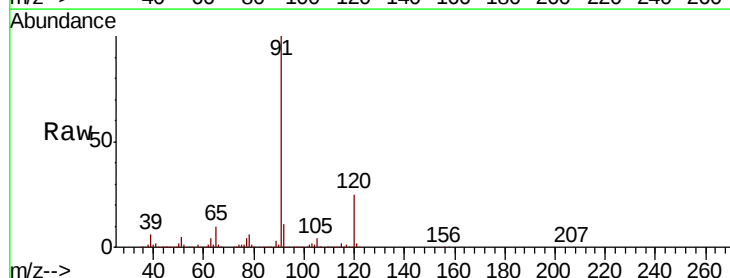
Acq: 27 Nov 2019 16:31

Tgt Ion: 91 Resp: 3925655

Ion Ratio Lower Upper

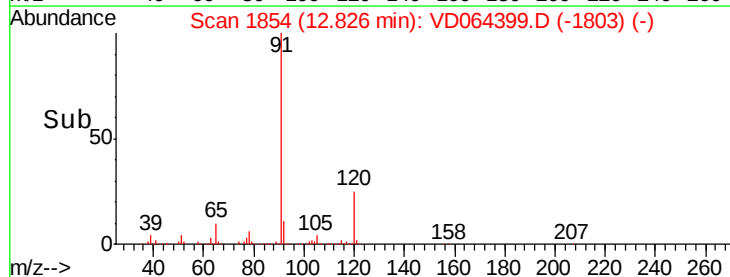
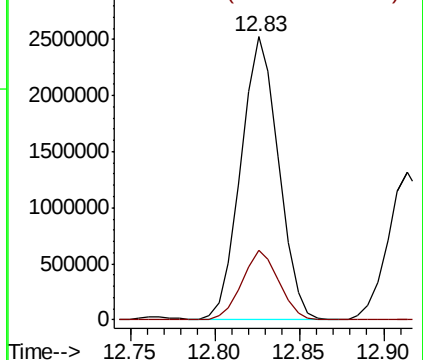
91 100

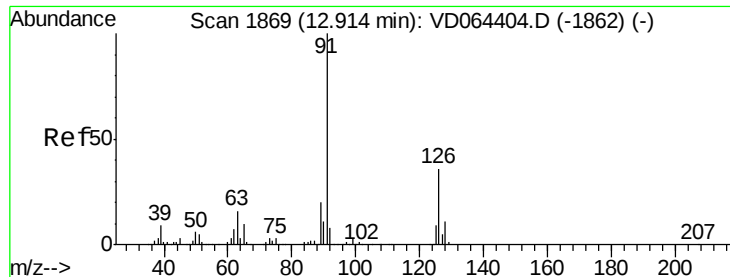
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 141.518 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

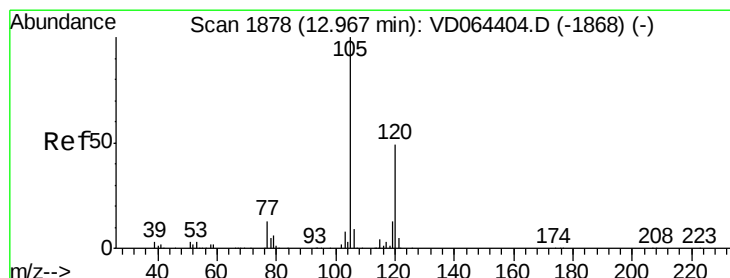
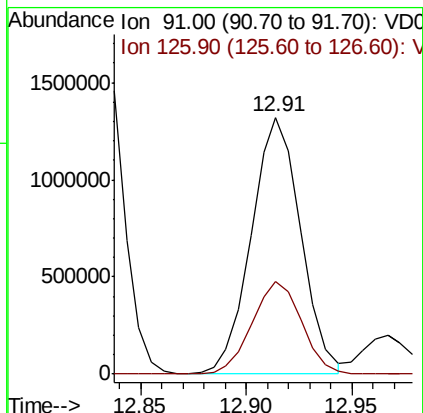
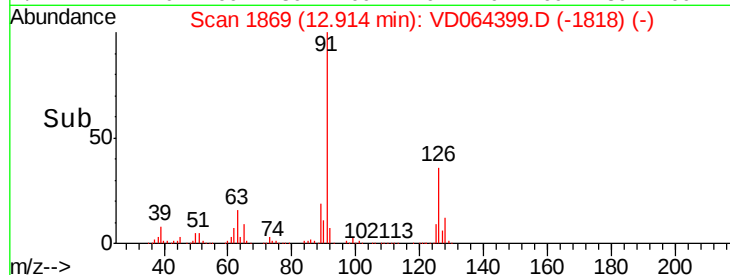
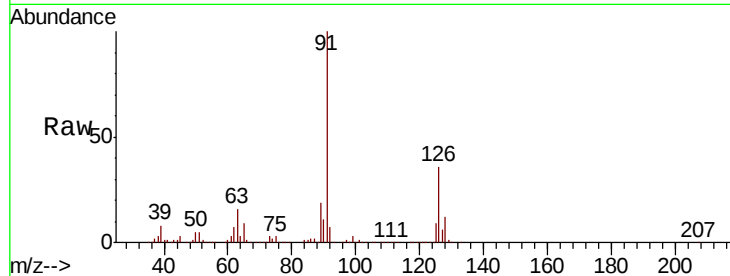
ClientSampleId :

Tot Ion: 91 Resp: 2147717

Ion Ratio Lower Upper

91 100

126 36.3 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 145.112 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064399.D

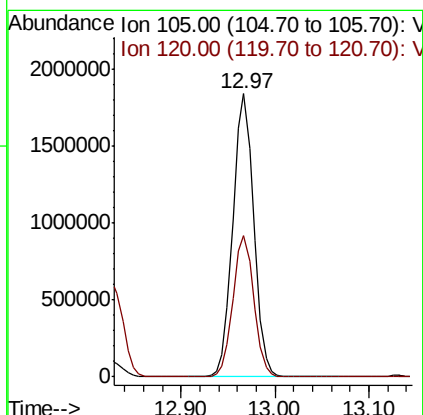
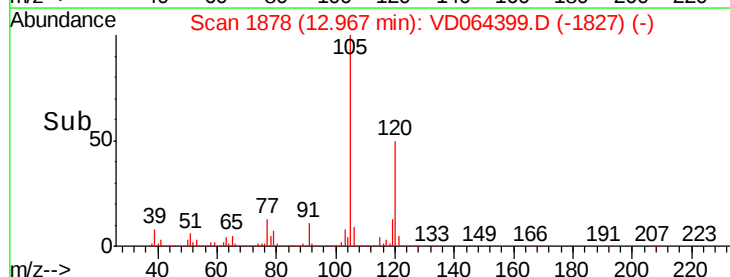
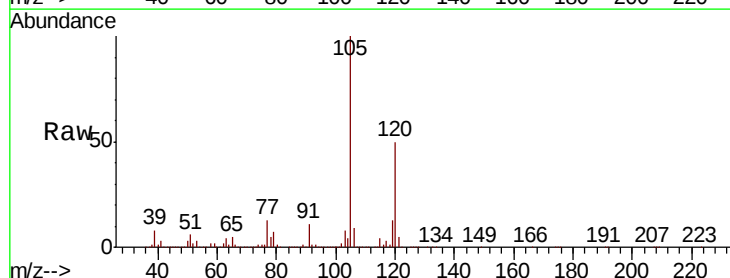
Acq: 27 Nov 2019 16:31

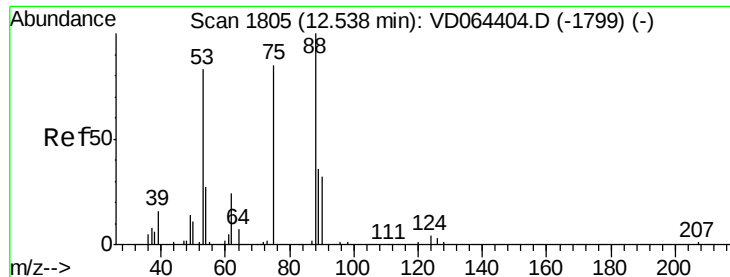
Tgt Ion:105 Resp: 2834673

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3

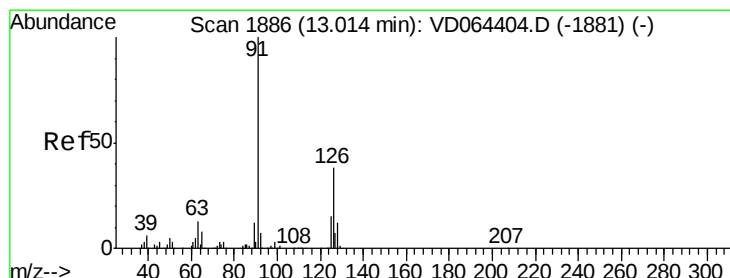
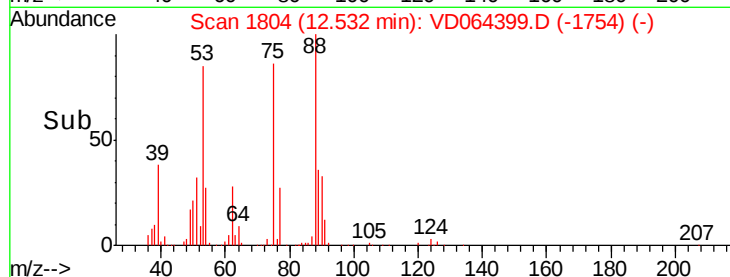
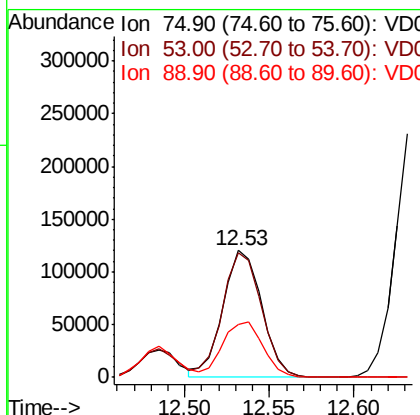
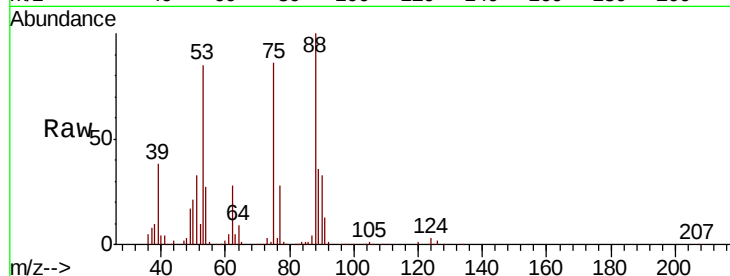




#81
trans-1,4-Dichloro-2-butene
Concen: 153.894 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

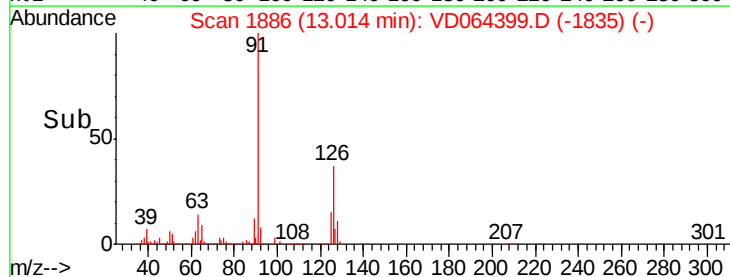
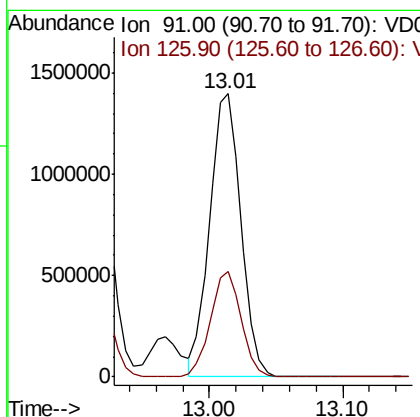
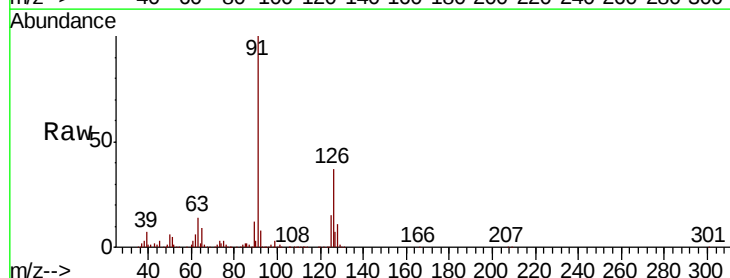
Instrument :
MSVOA_D
ClientSampleId :

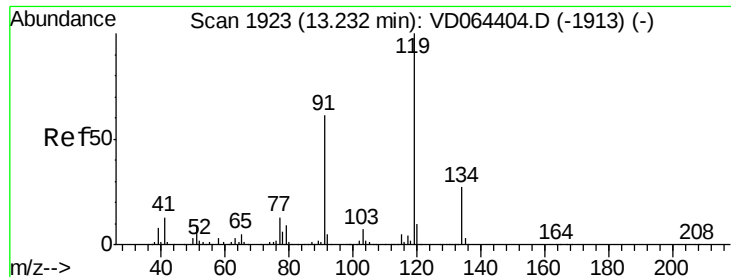
Tot Ion: 75 Resp: 192906
Ion Ratio Lower Upper
75 100
53 99.9 81.0 121.6
89 45.6 38.5 57.7



#82
4-Chlorotoluene
Concen: 142.369 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 91 Resp: 2287652
Ion Ratio Lower Upper
91 100
126 36.7 18.2 54.6

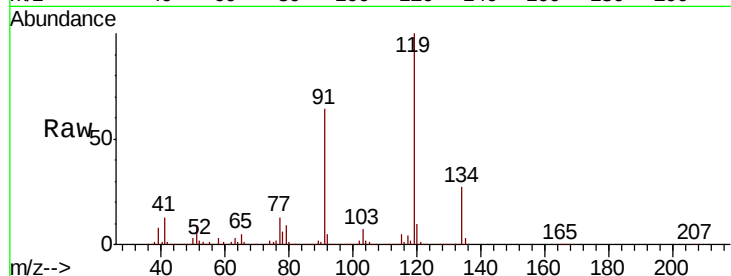




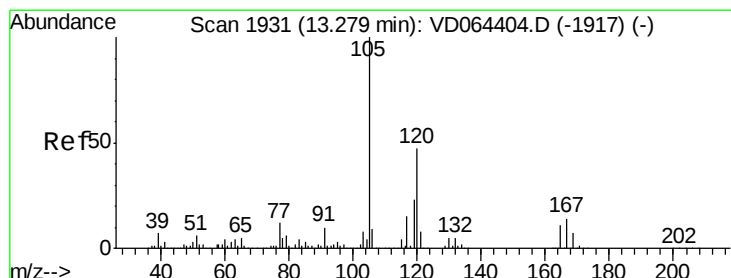
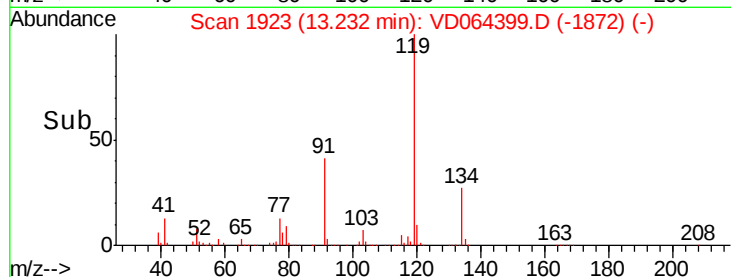
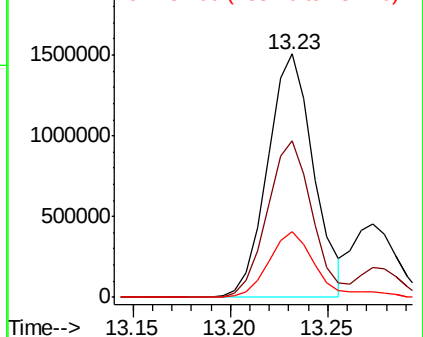
#83
tert-Butylbenzene
Concen: 144.548 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 2454822
Ion Ratio Lower Upper
119 100
91 63.6 31.2 93.6
134 28.1 13.9 41.7

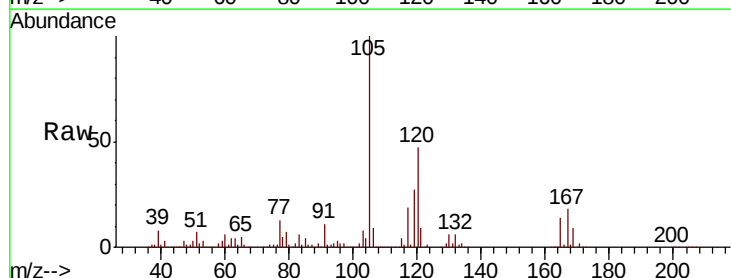


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

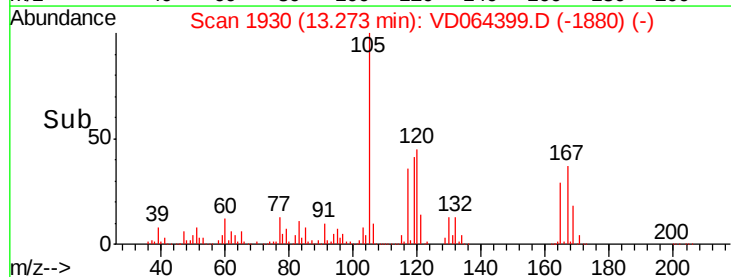
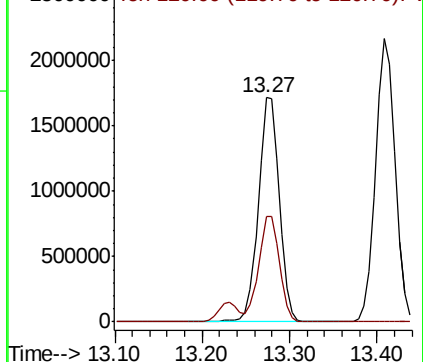


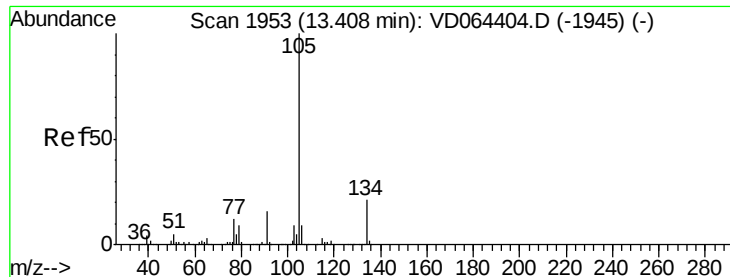
#84
1,2,4-Trimethylbenzene
Concen: 143.533 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion:105 Resp: 2819346
Ion Ratio Lower Upper
105 100
120 46.6 23.6 70.8



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





#85

sec-Butylbenzene

Concen: 145.136 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

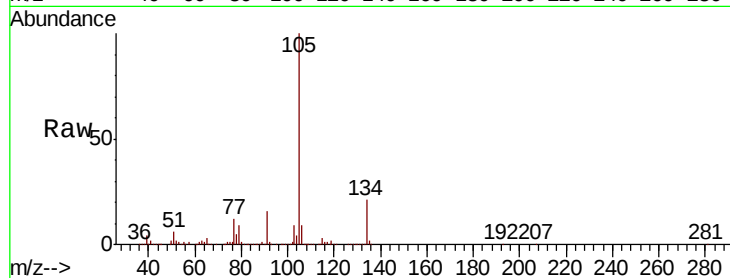
ClientSampleId :

Tot Ion:105 Resp: 3382909

Ion Ratio Lower Upper

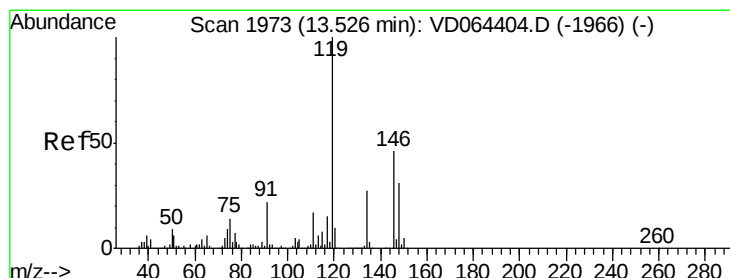
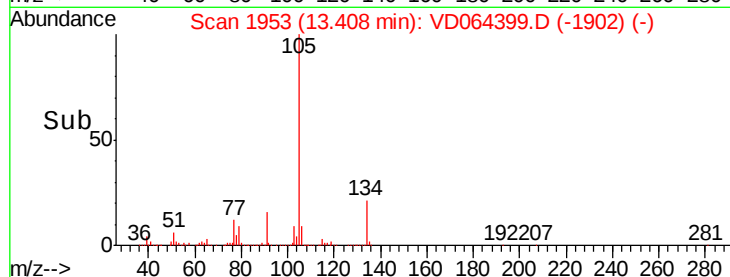
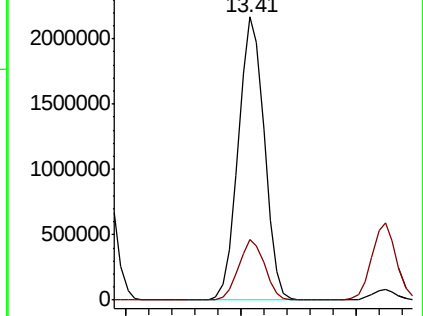
105 100

134 21.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 147.812 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

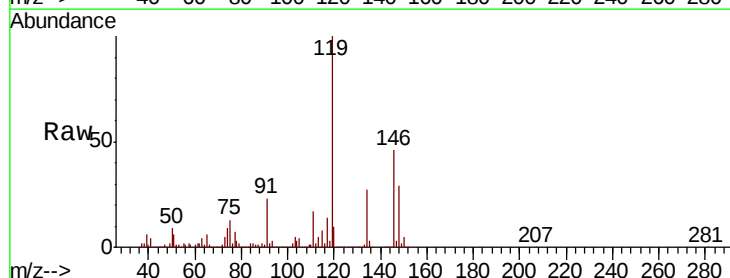
Tgt Ion:119 Resp: 3252661

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

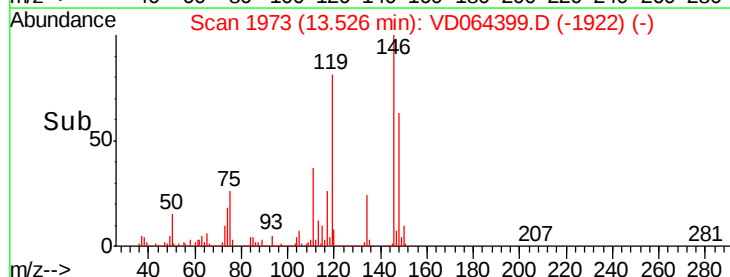
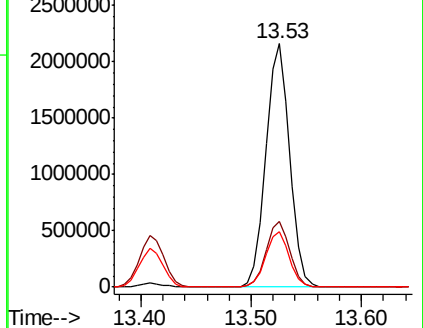
91 22.7 11.2 33.5

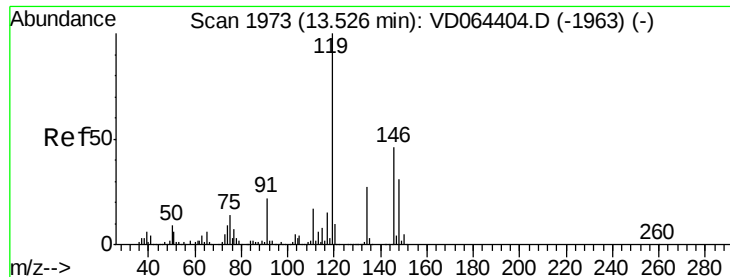


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

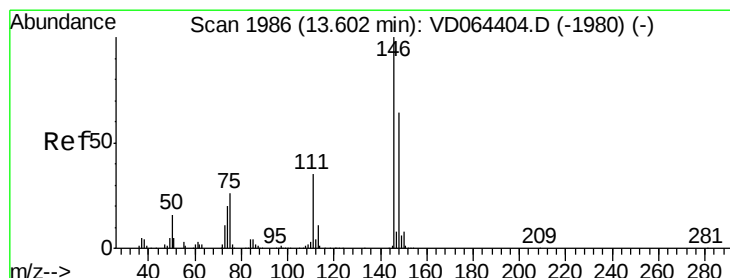
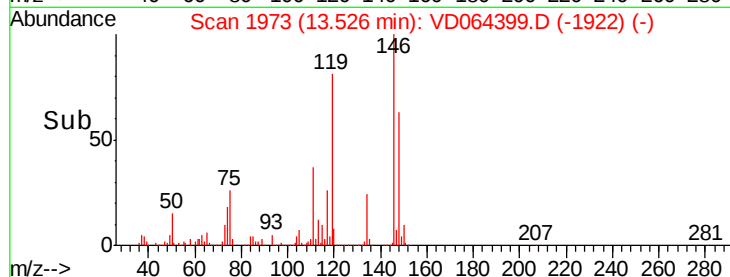
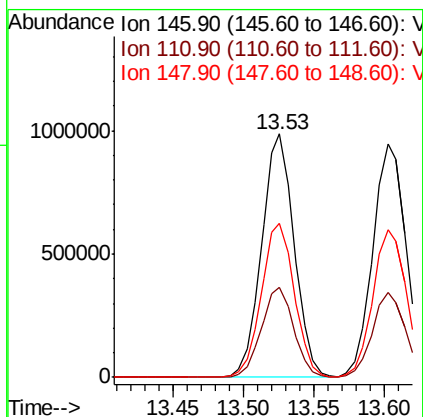
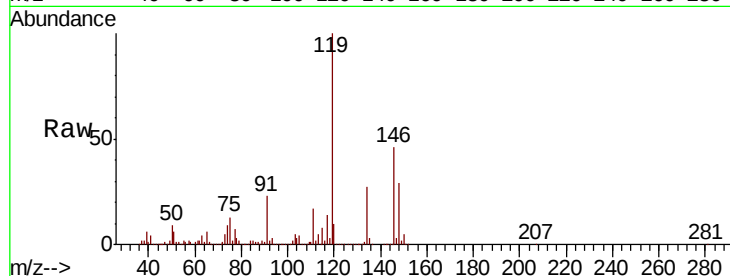




#87
 1,3-Dichlorobenzene
 Concen: 142.677 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

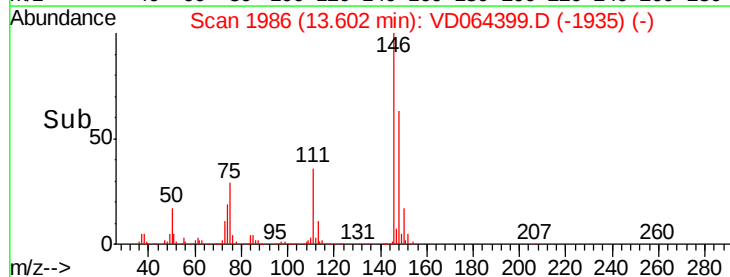
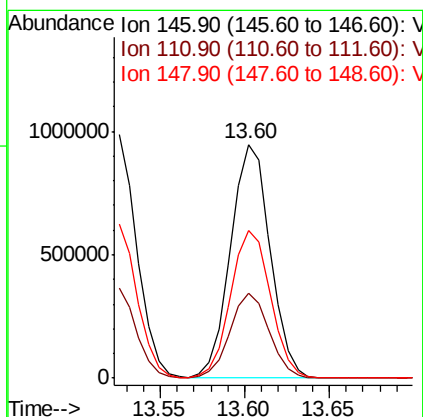
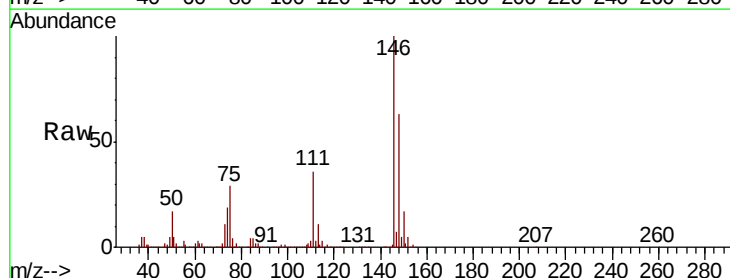
Instrument :
 MSVOA_D
 ClientSampleID :

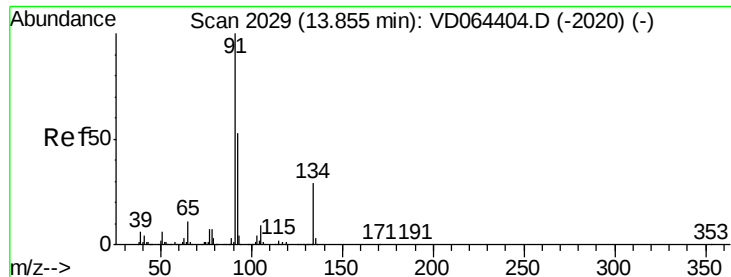
Tot Ion:146 Resp: 1598539
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.4
 148 64.2 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 139.688 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion:146 Resp: 1545157
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.2 54.6
 148 63.9 31.8 95.4

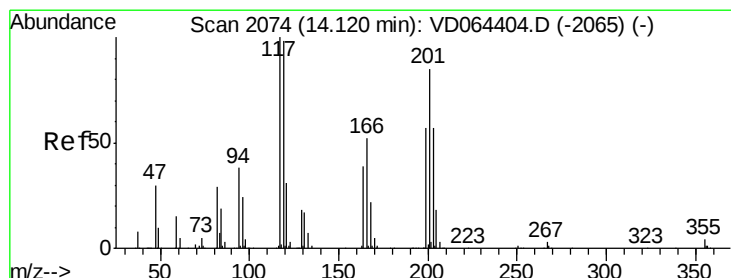
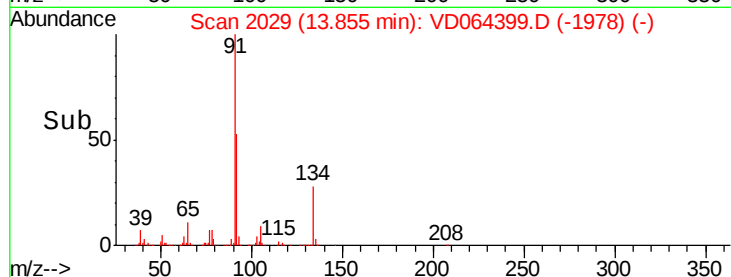
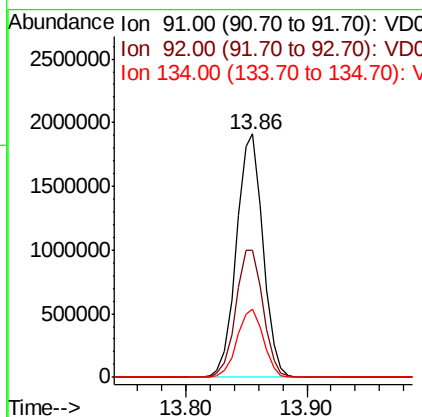
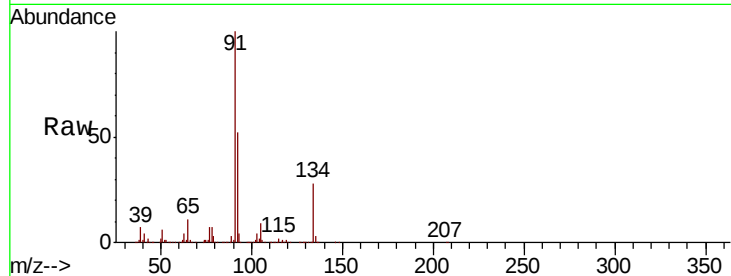




#89
n-Butylbenzene
Concen: 145.691 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

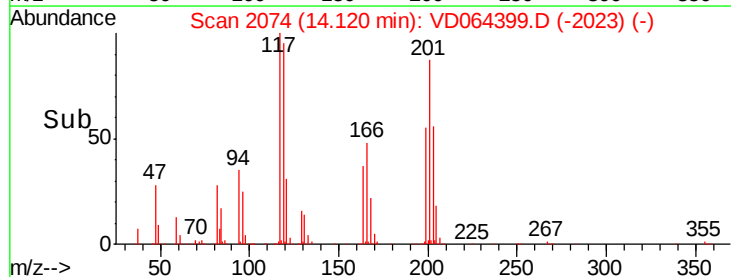
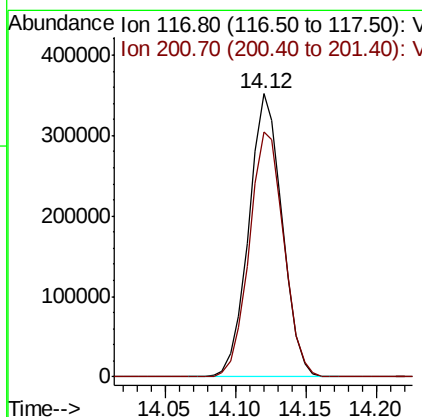
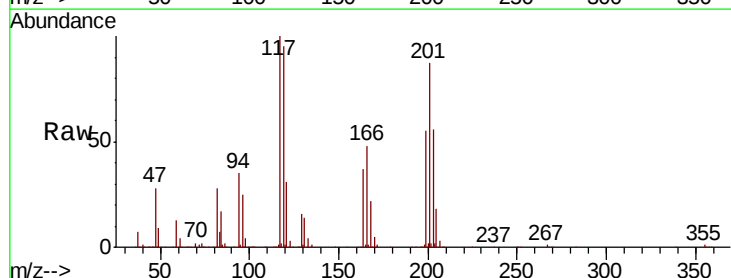
Instrument :
MSVOA_D
ClientSampleId :

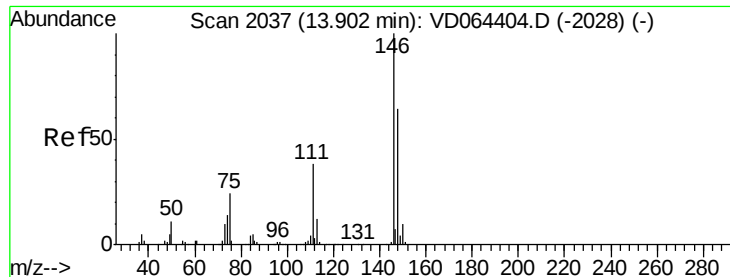
Tot Ion: 91 Resp: 2911435
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.4
134 28.1 13.9 41.7



#90
Hexachloroethane
Concen: 141.938 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion: 117 Resp: 584195
Ion Ratio Lower Upper
117 100
201 89.6 44.3 132.8





#91

1,2-Dichlorobenzene

Concen: 140.841 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

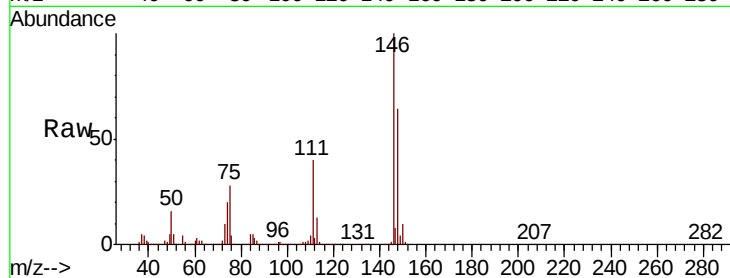
Tot Ion:146 Resp: 1348562

Ion Ratio Lower Upper

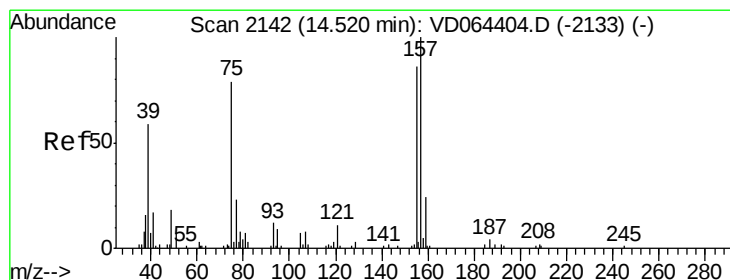
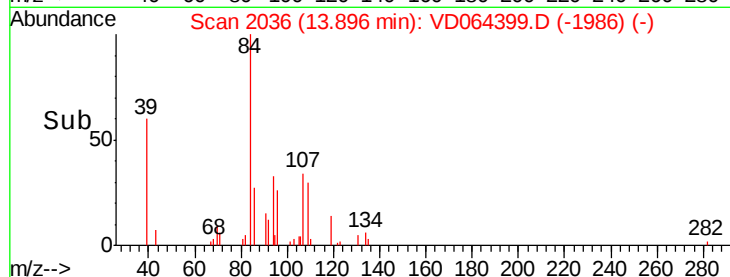
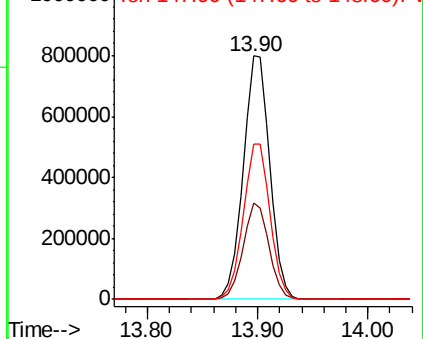
146 100

111 38.7 19.1 57.3

148 64.3 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 160.055 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD064399.D

Acq: 27 Nov 2019 16:31

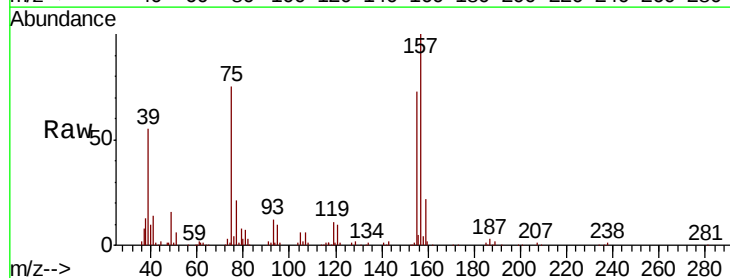
Tgt Ion: 75 Resp: 88842

Ion Ratio Lower Upper

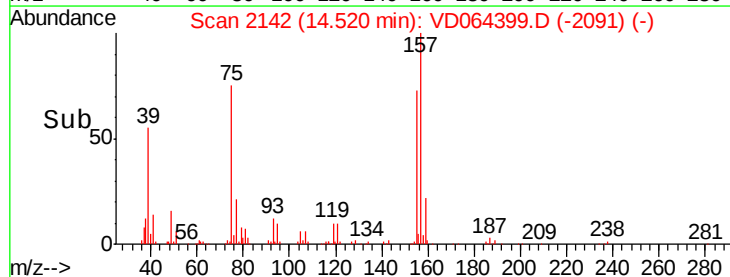
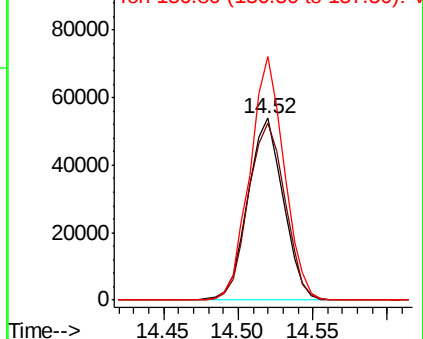
75 100

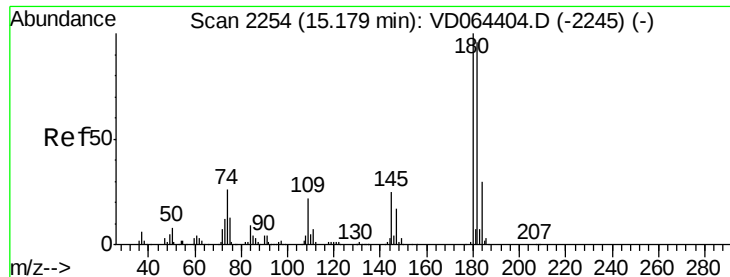
155 100.2 51.9 155.7

157 128.7 63.2 189.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

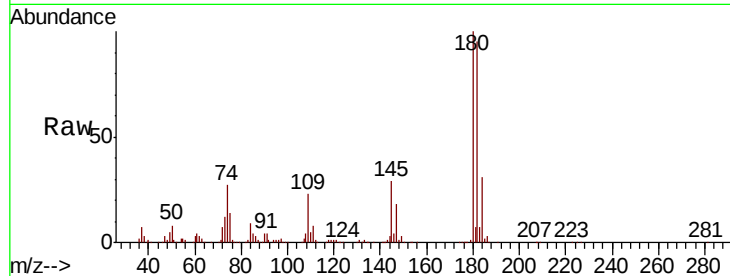




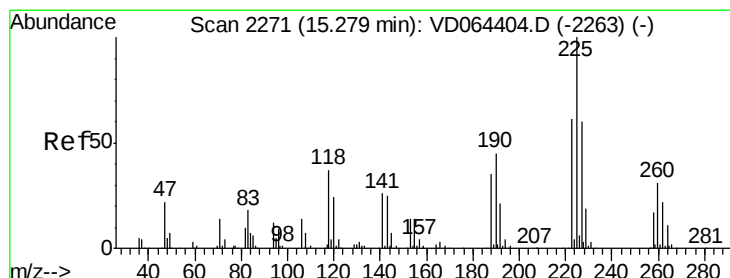
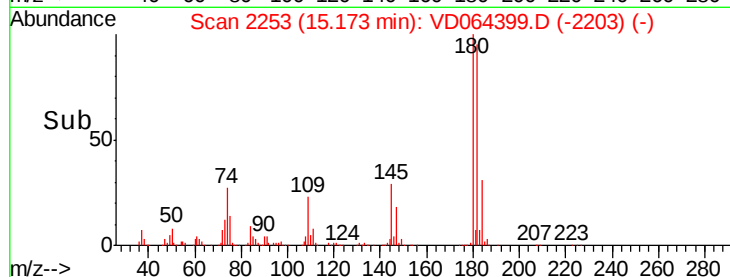
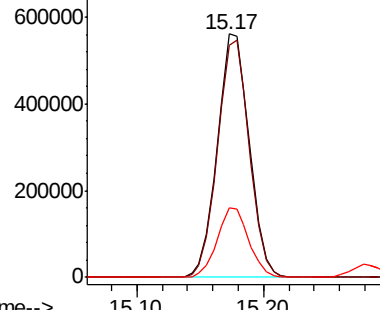
#93
 1,2,4-Trichlorobenzene
 Concen: 133.975 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.3
145	28.2	14.0	41.9

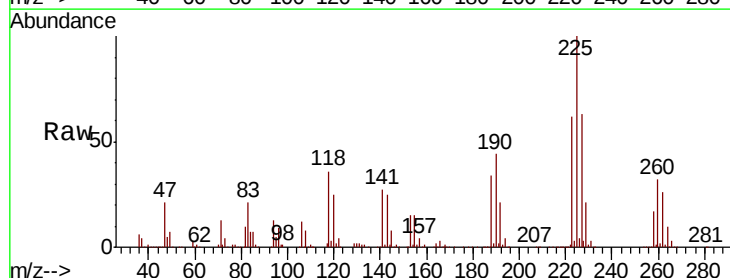


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

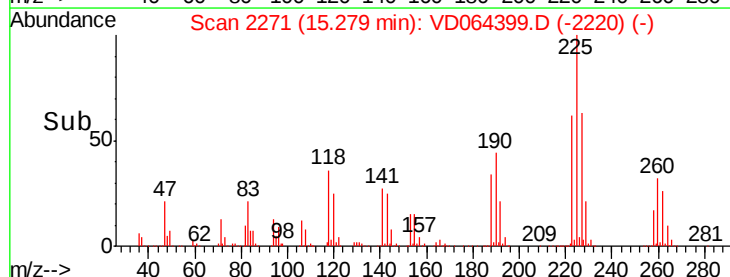
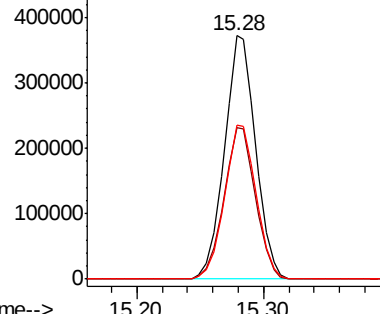


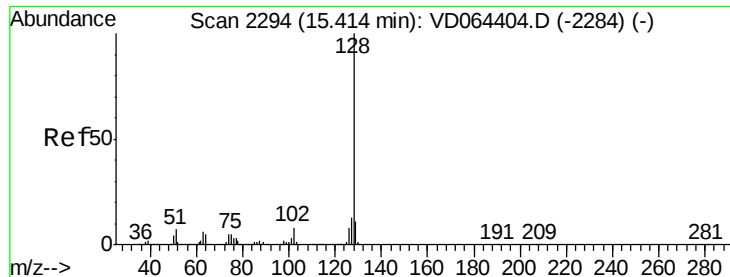
#94
 Hexachlorobutadiene
 Concen: 140.473 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064399.D
 Acq: 27 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.3
227	64.1	31.8	95.4



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

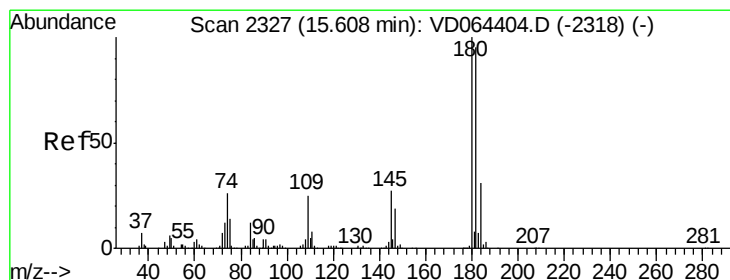
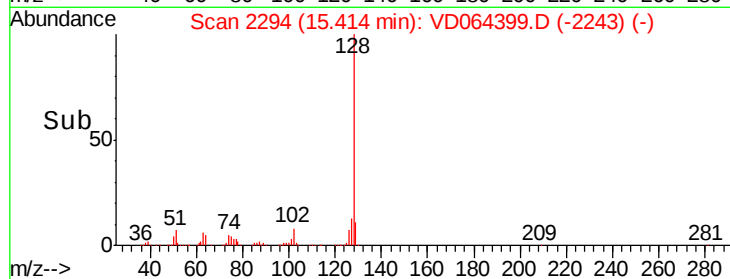
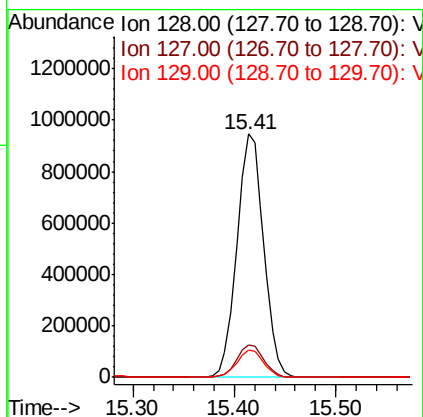
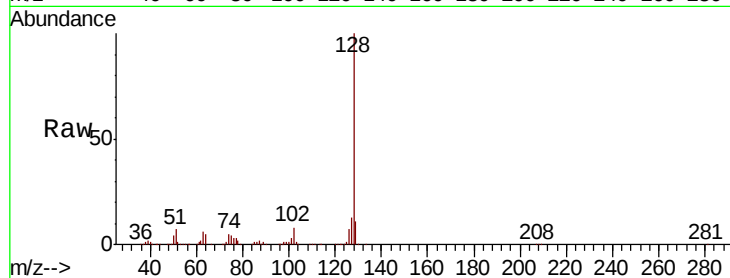




#95
Naphthalene
Concen: 140.901 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 1724339
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 137.225 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064399.D
Acq: 27 Nov 2019 16:31

Tgt Ion:180 Resp: 858965
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 29.8 14.6 43.8

