

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080919\
 Data File : VD063473.D
 Acq On : 9 Aug 2019 14:56
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 10 06:24:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1121152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1534428	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1332056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	697628	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	689842	57.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.96%	
35) Dibromofluoromethane	6.94	113	762914	59.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.08%	
50) Toluene-d8	10.42	98	1730831	60.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.84%	
62) 4-Bromofluorobenzene	13.56	95	701444	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	670828	49.379	ug/l	100
3) Chloromethane	1.75	50	498953	47.006	ug/l	100
4) Vinyl Chloride	1.86	62	539304	51.186	ug/l	100
5) Bromomethane	2.16	94	267656	54.123	ug/l	100
6) Chloroethane	2.27	64	248832	51.642	ug/l	100
7) Trichlorofluoromethane	2.54	101	1077539	52.136	ug/l	100
8) Diethyl Ether	2.88	74	146852	50.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	616002	50.477	ug/l	100
10) Methyl Iodide	3.31	142	910683	52.748	ug/l	100
11) Tert butyl alcohol	4.09	59	134527	257.477	ug/l	100
12) 1,1-Dichloroethene	3.14	96	484406	53.425	ug/l	100
13) Acrolein	3.05	56	118233	229.870	ug/l	100
14) Allyl chloride	3.63	41	680232	49.939	ug/l	100
15) Acrylonitrile	4.21	53	357323	258.199	ug/l	100
16) Acetone	3.24	43	685823	279.424	ug/l	100
17) Carbon Disulfide	3.38	76	1428076	49.886	ug/l	100
18) Methyl Acetate	3.65	43	213404	46.172	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	932605	51.398	ug/l	100
20) Methylene Chloride	3.83	84	499851	47.370	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	506386	53.039	ug/l	100
22) Diisopropyl ether	5.14	45	1432601	50.928	ug/l	100
23) Vinyl Acetate	5.08	43	4151459	254.055	ug/l	100
24) 1,1-Dichloroethane	5.00	63	880525	50.442	ug/l	100
25) 2-Butanone	6.09	43	623753	258.880	ug/l	100
26) 2,2-Dichloropropane	6.04	77	880030	50.613	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	536353	51.346	ug/l	100
28) Bromochloromethane	6.45	49	367059	51.880	ug/l	100
29) Tetrahydrofuran	6.47	42	287268	255.841	ug/l	100
30) Chloroform	6.68	83	1084646	49.985	ug/l	100
31) Cyclohexane	6.97	56	572324	52.812	ug/l	100
32) 1,1,1-Trichloroethane	6.89	97	1060969	51.115	ug/l	100
36) 1,1-Dichloropropene	7.16	75	718299	52.954	ug/l	100
37) Ethyl Acetate	6.21	43	296050	52.211	ug/l	100
38) Carbon Tetrachloride	7.12	117	1156798	56.585	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	637088	55.233	ug/l	100
40) Benzene	7.47	78	1600945	53.631	ug/l	100
41) Methacrylonitrile	6.46	41	381715	53.336	ug/l	100
42) 1,2-Dichloroethane	7.60	62	799214	53.246	ug/l	100
43) Isopropyl Acetate	9.26	43	398003	52.281	ug/l	100
44) Trichloroethene	8.55	130	570573	49.994	ug/l	100
45) 1,2-Dichloropropane	8.95	63	356941	51.347	ug/l	100
46) Dibromomethane	9.07	93	318958	53.728	ug/l	100
47) Bromodichloromethane	9.39	83	783320	51.440	ug/l	100
48) Methyl methacrylate	9.13	41	269660	52.232	ug/l	100
49) 1,4-Dioxane	9.10	88	47594	1083.364	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	1299803	249.522	ug/l	100
52) Toluene	10.53	92	962878	50.080	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	659537	53.071	ug/l	100
54) cis-1,3-Dichloropropene	10.06	75	751923	53.660	ug/l	100
55) 1,1,2-Trichloroethane	11.21	97	332615	51.213	ug/l	100
56) Ethyl methacrylate	11.06	69	379664	53.858	ug/l	100
57) 1,3-Dichloropropane	11.43	76	513061	52.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	1077475	289.518	ug/l	100
59) 2-Hexanone	11.54	43	1056612	278.765	ug/l	100
60) Dibromochloromethane	11.70	129	624266	52.822	ug/l	100
61) 1,2-Dibromoethane	11.82	107	403482	51.318	ug/l	100
64) Tetrachloroethene	11.28	164	520296	50.597	ug/l	100
65) Chlorobenzene	12.41	112	1257297	50.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	556762	50.673	ug/l	100
67) Ethyl Benzene	12.54	91	2213637	50.994	ug/l	100
68) m/p-Xylenes	12.69	106	1517434	99.496	ug/l	100
69) o-Xylene	13.06	106	745627	50.797	ug/l	100
70) Styrene	13.08	104	1289578	49.390	ug/l	100
71) Bromoform	13.25	173	390999	51.898	ug/l	100
73) Isopropylbenzene	13.41	105	2336397	52.654	ug/l	100
74) N-amyl acetate	13.28	43	583446	52.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.71	83	382430	51.925	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	413654	51.665	ug/l	100
77) Bromobenzene	13.68	156	610986	50.381	ug/l	100
78) n-propylbenzene	13.79	91	2611864	50.307	ug/l	100
79) 2-Chlorotoluene	13.85	91	1489371	49.760	ug/l	100
80) 1,3,5-Trimethylbenzene	13.95	105	1998093	51.537	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	111304	51.723	ug/l	100
82) 4-Chlorotoluene	13.96	91	1825935	50.725	ug/l	100
83) tert-Butylbenzene	14.20	119	2084633	51.061	ug/l	100
84) 1,2,4-Trimethylbenzene	14.25	105	1870475	52.142	ug/l	100
85) sec-Butylbenzene	14.38	105	2102276	48.488	ug/l	100
86) p-Isopropyltoluene	14.50	119	2184898	52.704	ug/l	100
87) 1,3-Dichlorobenzene	14.47	146	1102748	50.271	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	1065584	50.632	ug/l	100
89) n-Butylbenzene	14.81	91	1856026	49.055	ug/l	100
90) Hexachloroethane	15.02	117	525388	50.422	ug/l	100
91) 1,2-Dichlorobenzene	14.82	146	926777	49.797	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.39	75	69056	49.795	ug/l	100

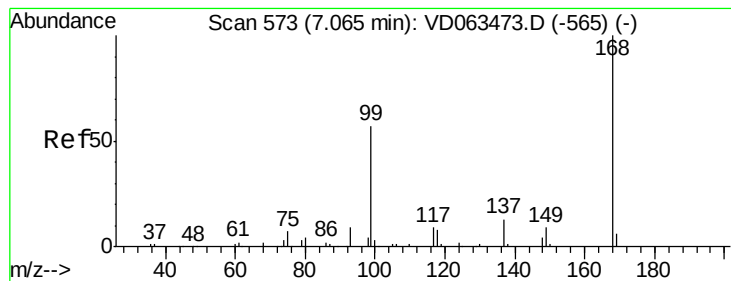
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080919\
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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	729929	53.301	ug/l	100
94) Hexachlorobutadiene	16.04	225	543623	52.086	ug/l	100
95) Naphthalene	16.13	128	1047491	50.472	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	553453	50.037	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

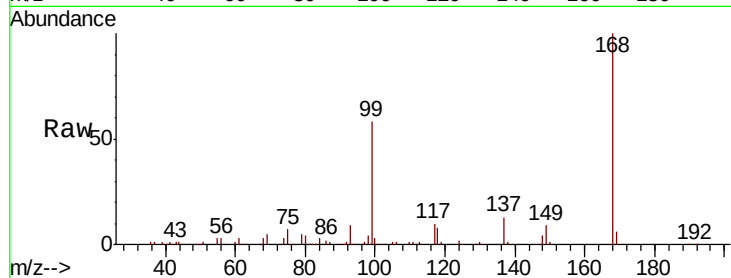
VSTDICCC050

Tgt Ion:168 Resp: 1121152

Ion Ratio Lower Upper

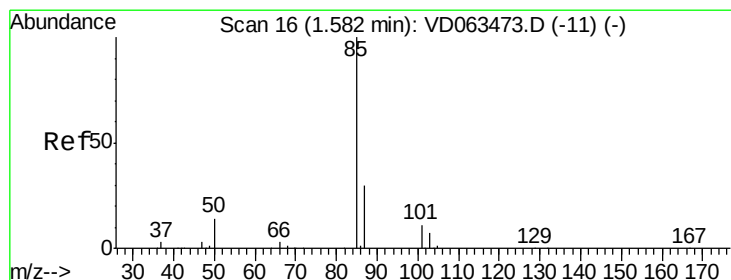
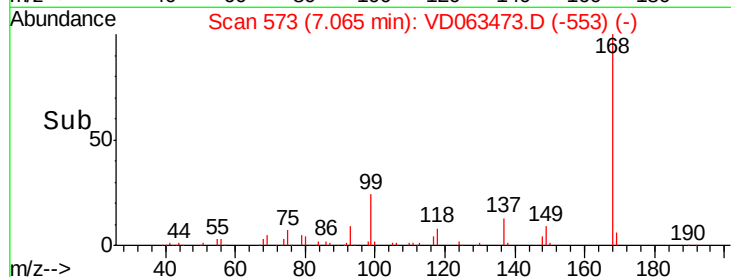
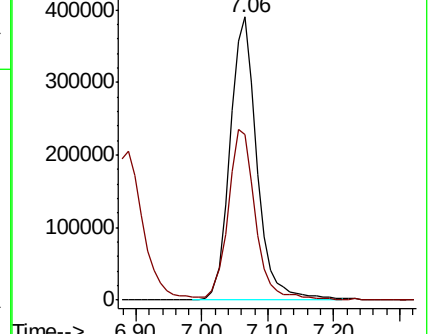
168 100

99 58.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 49.379 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD063473.D

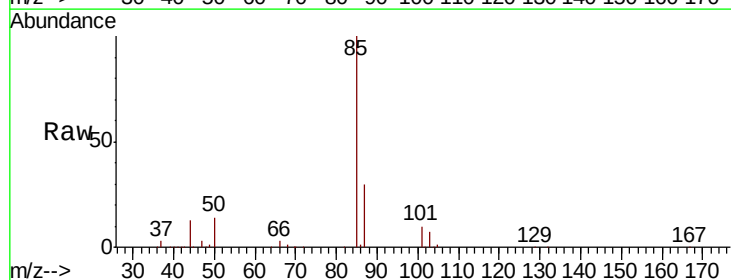
Acq: 9 Aug 2019 14:56

Tgt Ion: 85 Resp: 670828

Ion Ratio Lower Upper

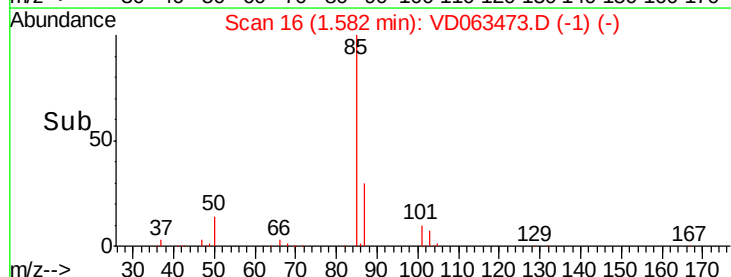
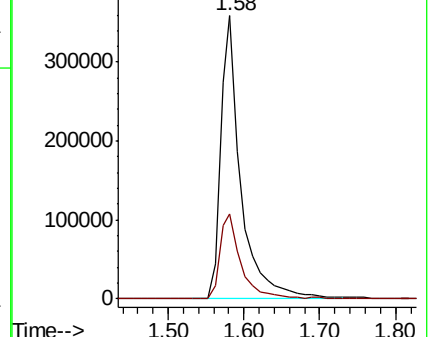
85 100

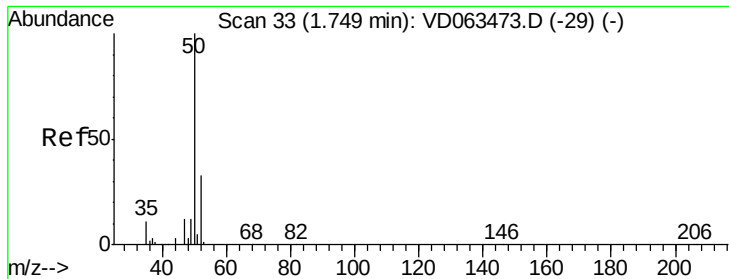
87 30.0 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.006 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

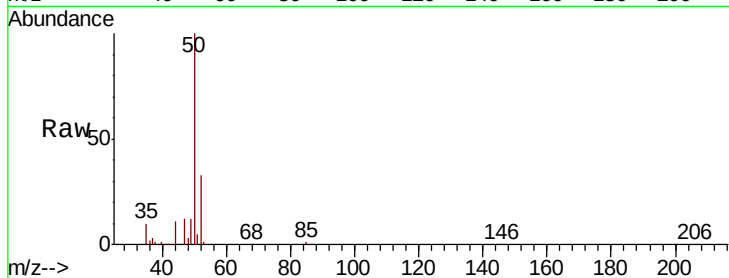
VSTDICCC050

Tgt Ion: 50 Resp: 498953

Ion Ratio Lower Upper

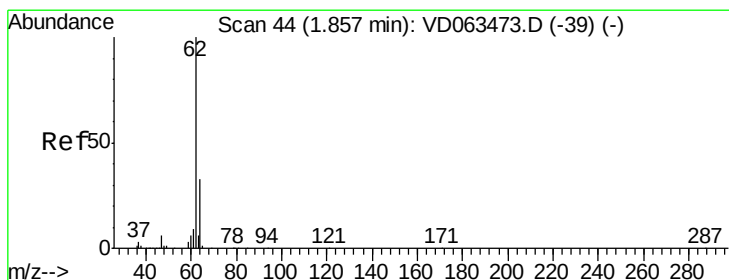
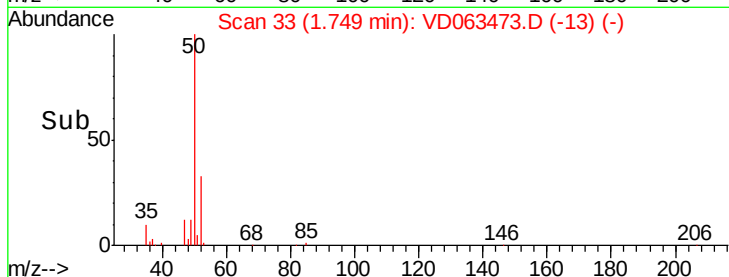
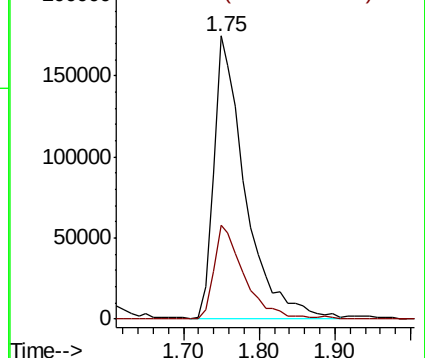
50 100

52 33.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.186 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.00 min

Lab File: VD063473.D

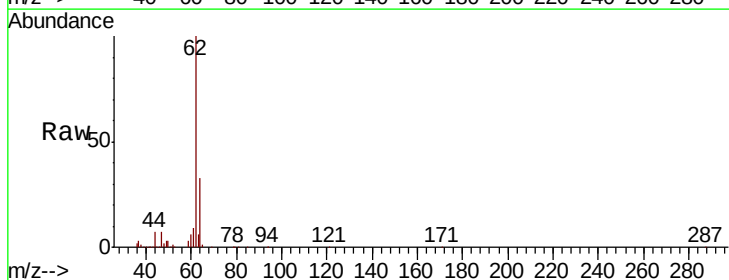
Acq: 9 Aug 2019 14:56

Tgt Ion: 62 Resp: 539304

Ion Ratio Lower Upper

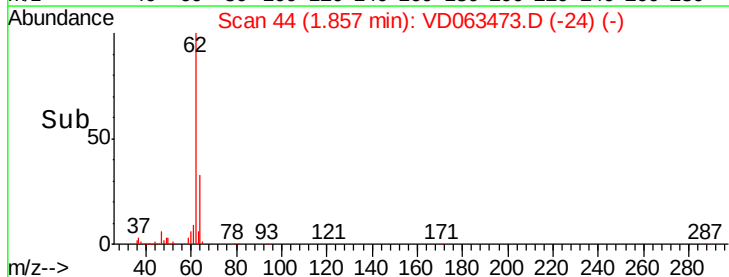
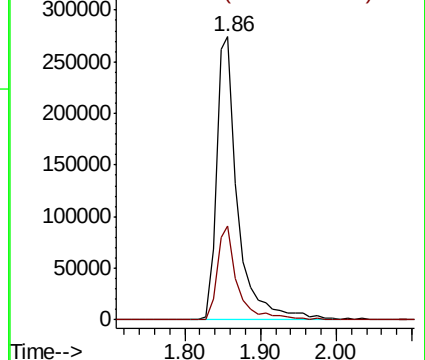
62 100

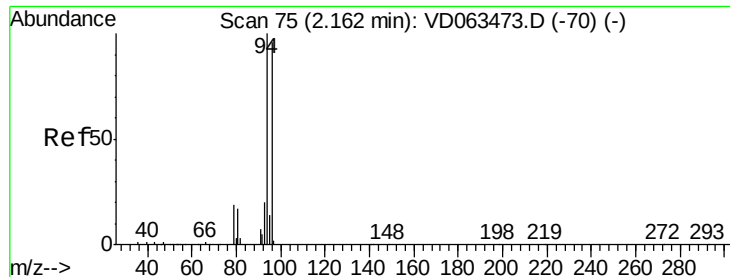
64 33.0 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 54.123 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

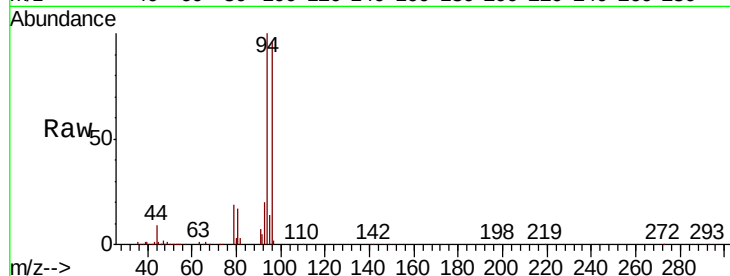
Tgt Ion: 94 Resp: 267656

Ion Ratio Lower Upper

94 100

96 95.6 76.5 114.7

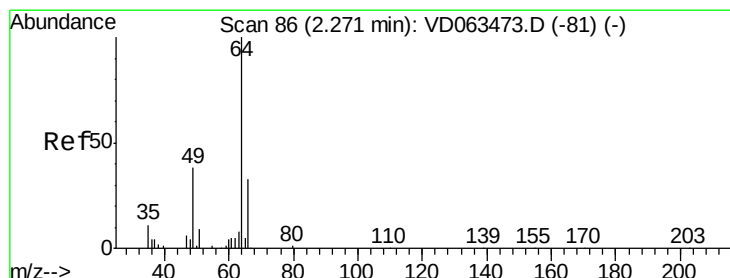
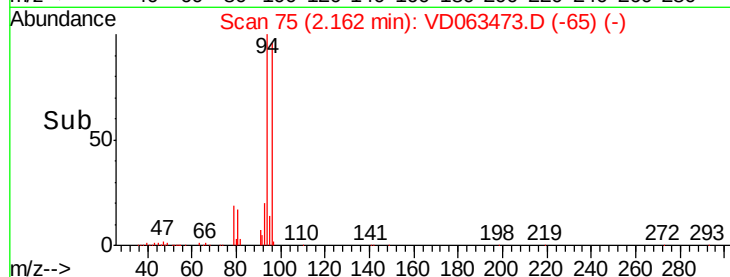
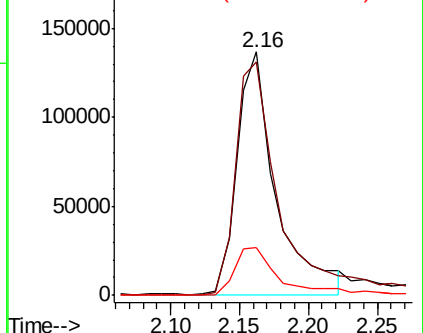
93 19.8 15.8 23.8



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 51.642 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.00 min

Lab File: VD063473.D

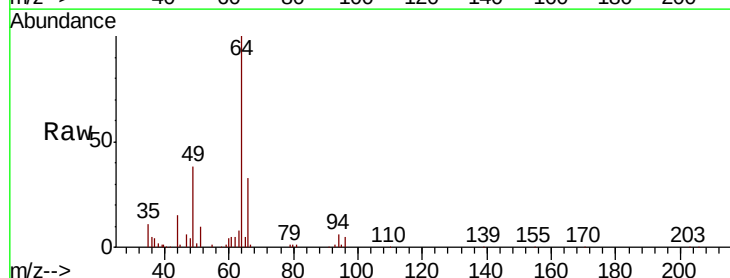
Acq: 9 Aug 2019 14:56

Tgt Ion: 64 Resp: 248832

Ion Ratio Lower Upper

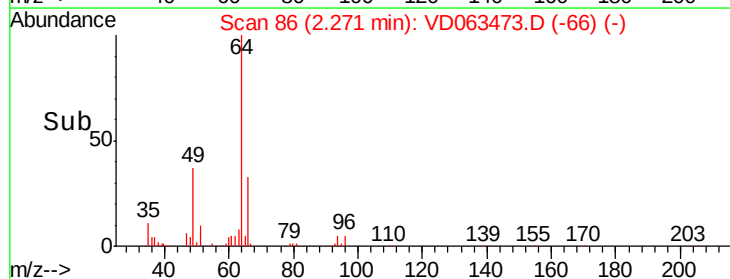
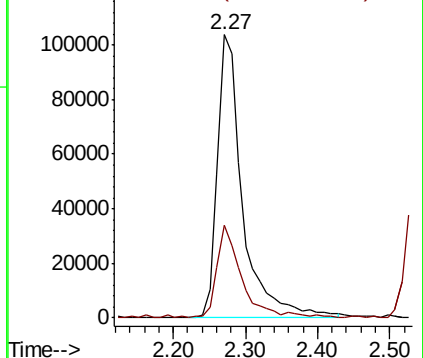
64 100

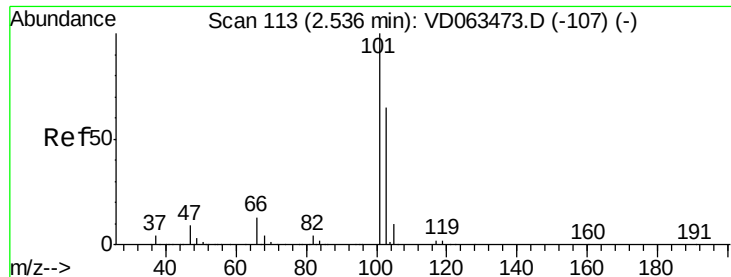
66 32.9 26.3 39.5



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



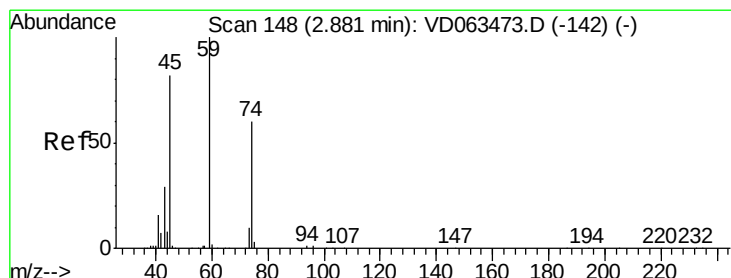
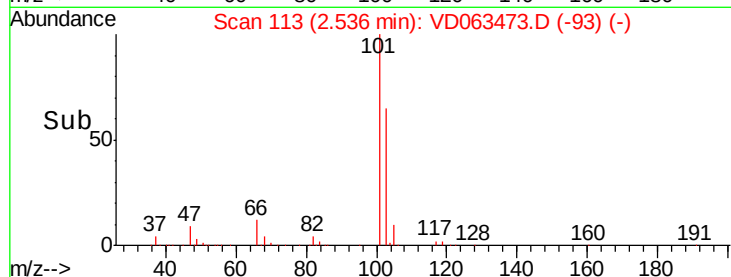
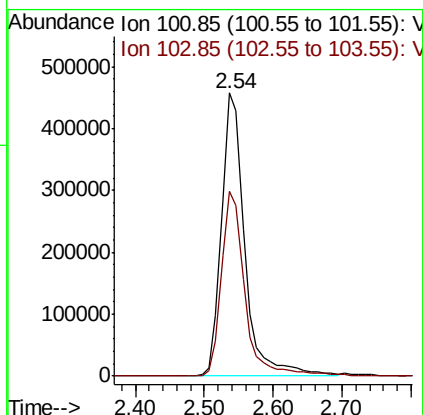
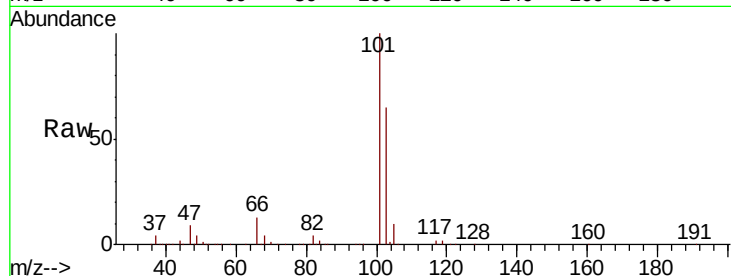


#7

Trichlorofluoromethane
 Concen: 52.136 ug/l
 RT: 2.54 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

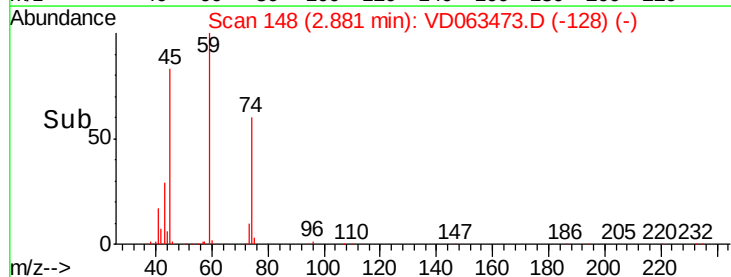
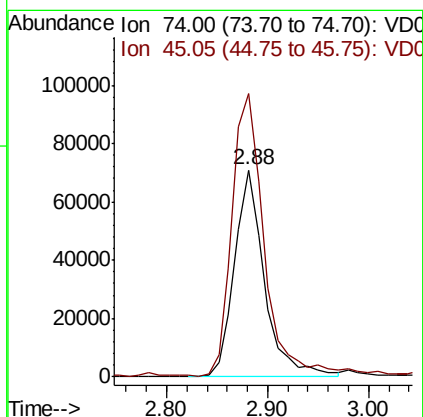
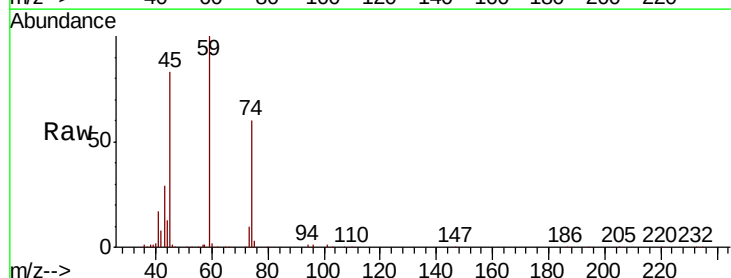
Tgt Ion: 101 Resp: 1077539
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

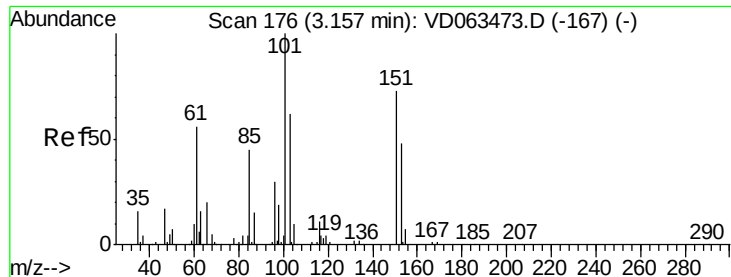


#8

Diethyl Ether
 Concen: 50.324 ug/l
 RT: 2.88 min Scan# 148
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 74 Resp: 146852
 Ion Ratio Lower Upper
 74 100
 45 137.0 68.5 205.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.477 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

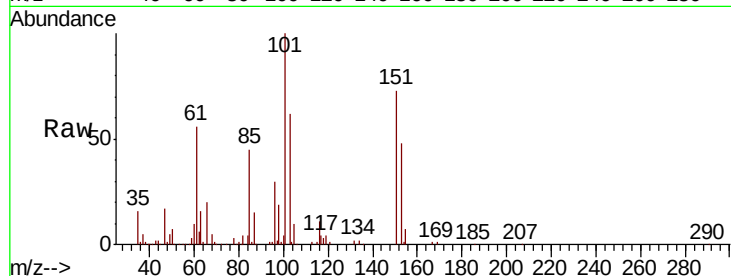
Tgt Ion:101 Resp: 616002

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

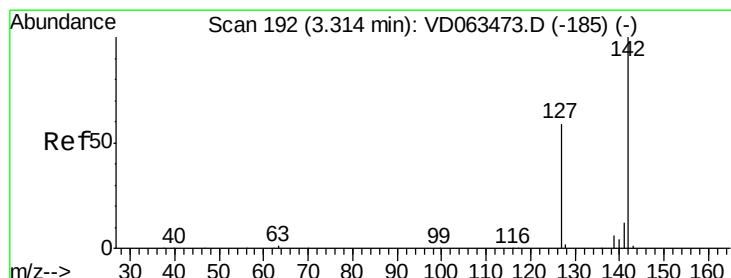
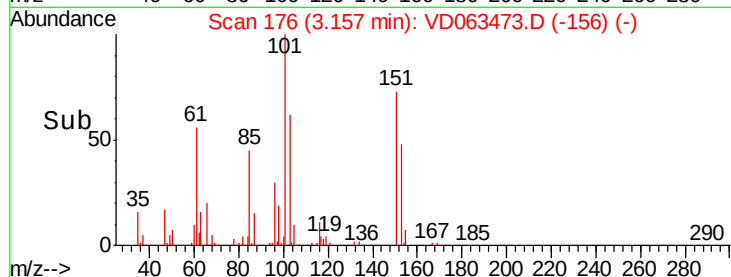
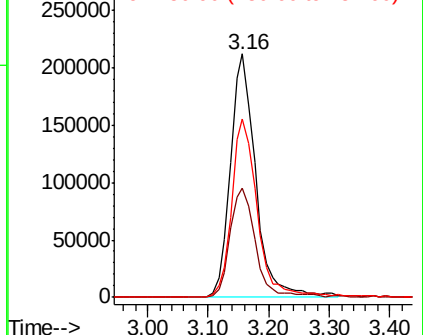
151 73.3 58.6 88.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 52.748 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

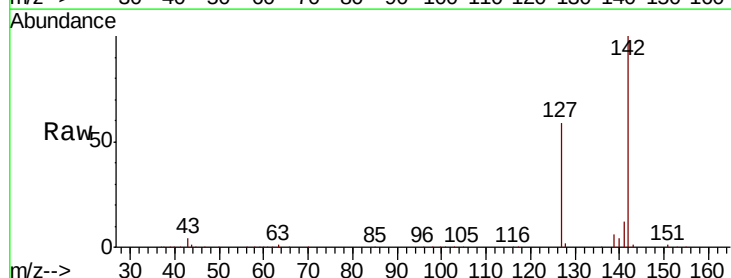
Tgt Ion:142 Resp: 910683

Ion Ratio Lower Upper

142 100

127 59.0 47.2 70.8

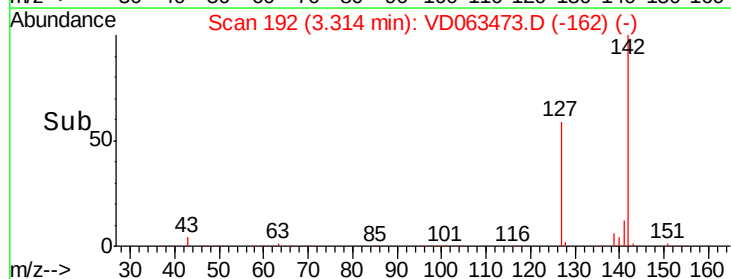
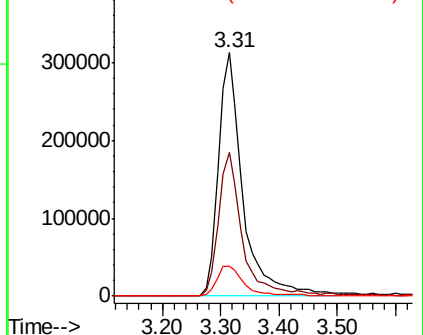
141 12.3 9.8 14.8

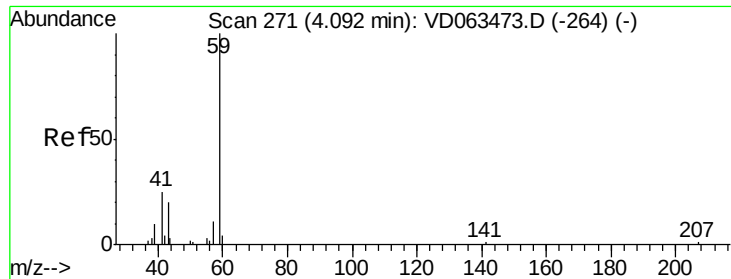


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



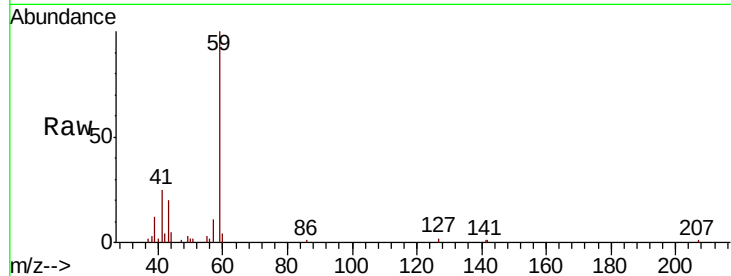


#11

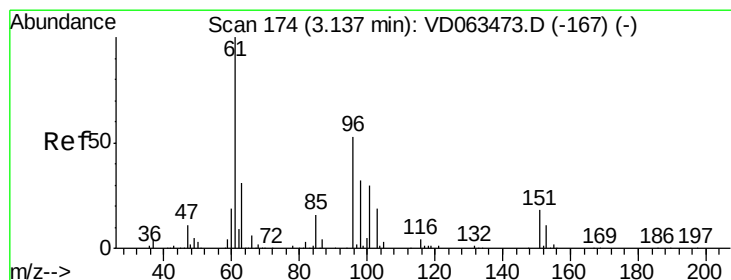
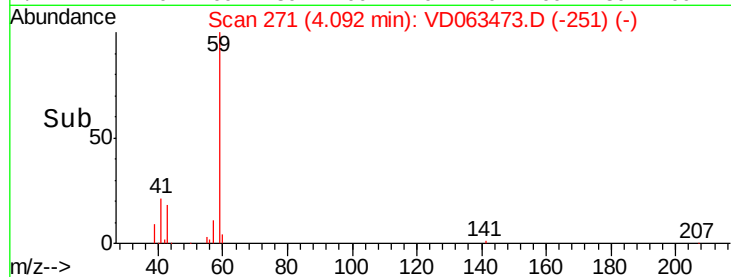
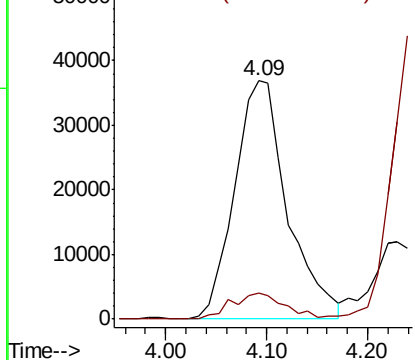
Tert butyl alcohol
 Concen: 257.477 ug/l
 RT: 4.09 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 59 Resp: 134527
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1



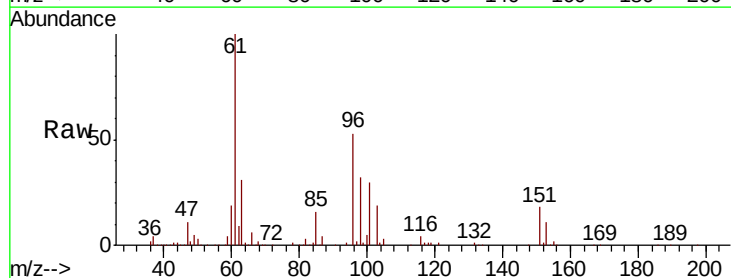
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



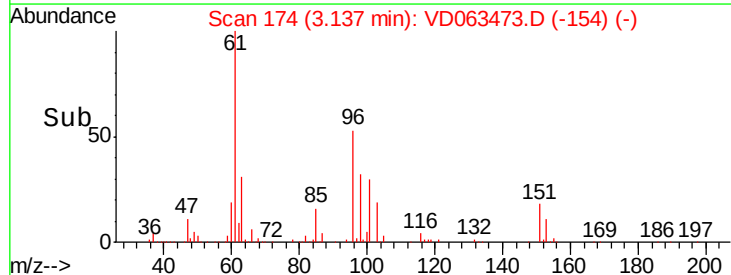
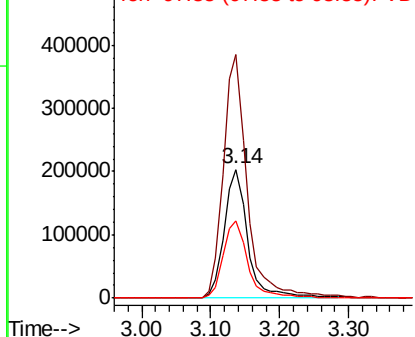
#12

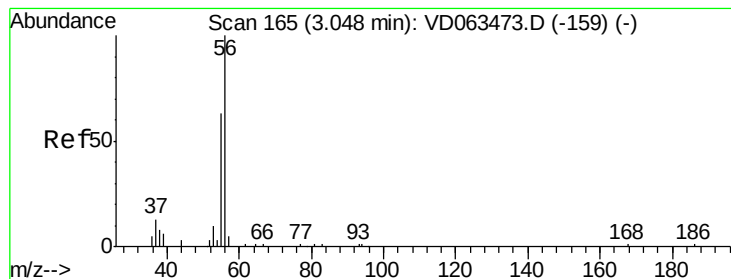
1,1-Dichloroethene
 Concen: 53.425 ug/l
 RT: 3.14 min Scan# 174
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 96 Resp: 484406
 Ion Ratio Lower Upper
 96 100
 61 189.6 151.7 227.5
 98 60.5 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 229.870 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

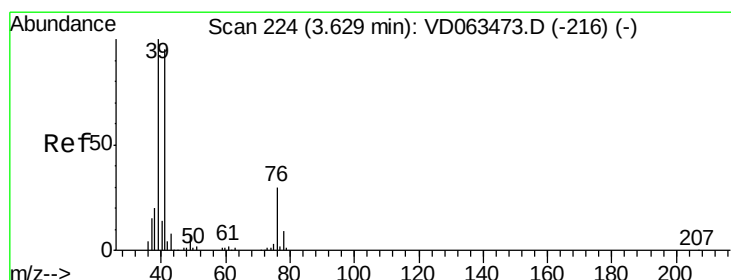
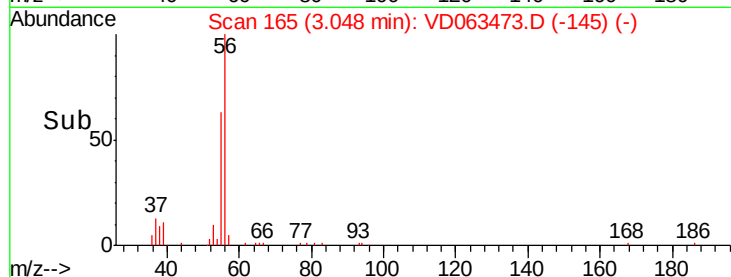
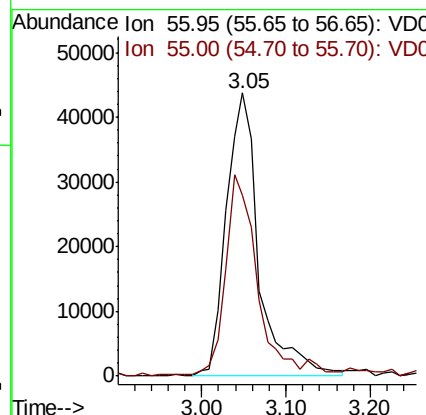
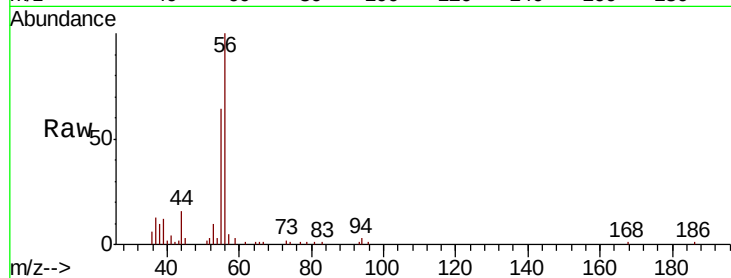
VSTDICCC050

Tgt Ion: 56 Resp: 118233

Ion Ratio Lower Upper

56 100

55 64.1 51.3 76.9



#14

Allyl chloride

Concen: 49.939 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

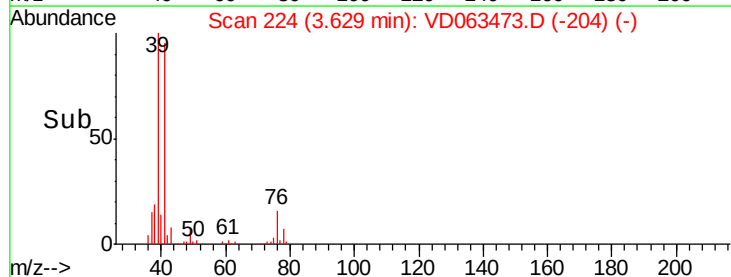
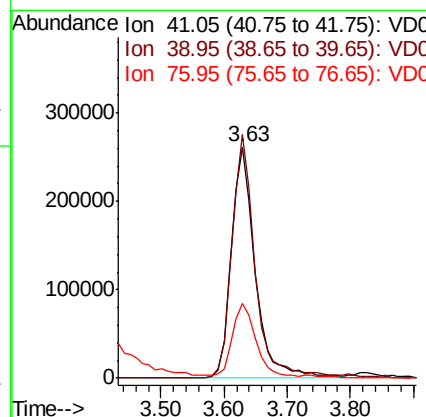
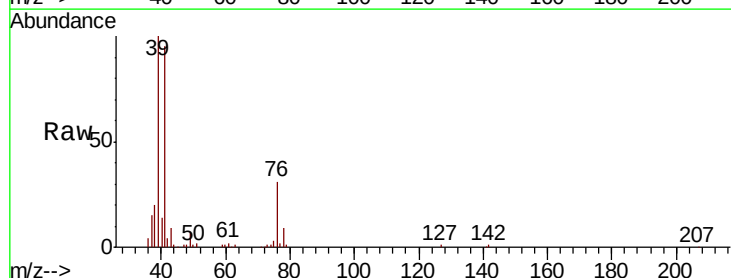
Tgt Ion: 41 Resp: 680232

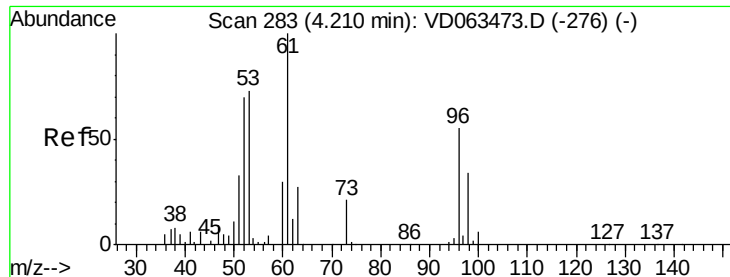
Ion Ratio Lower Upper

41 100

39 105.3 84.2 126.4

76 32.5 26.0 39.0

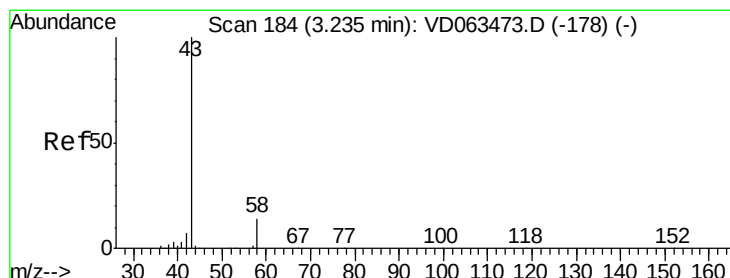
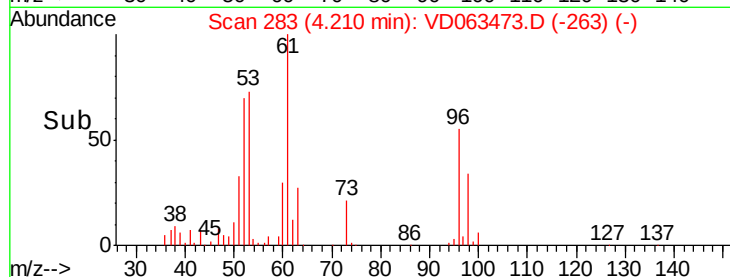
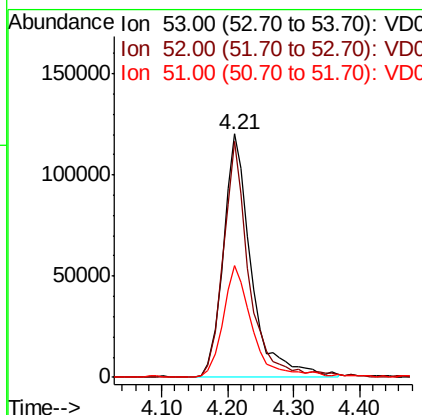
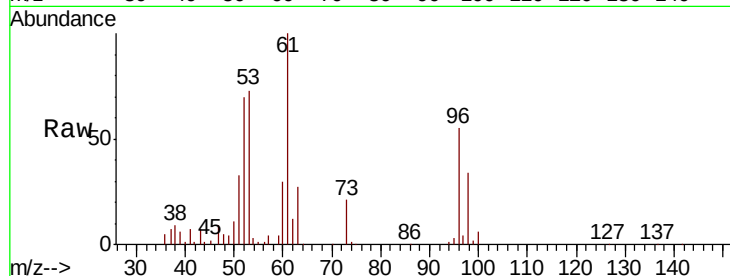




#15
 Acrylonitrile
 Concen: 258.199 ug/l
 RT: 4.21 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

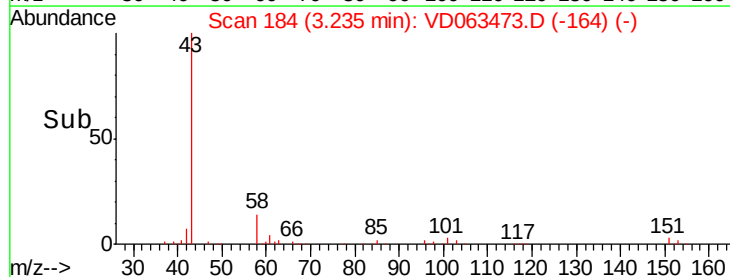
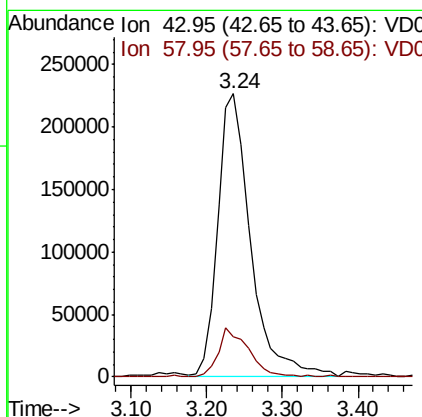
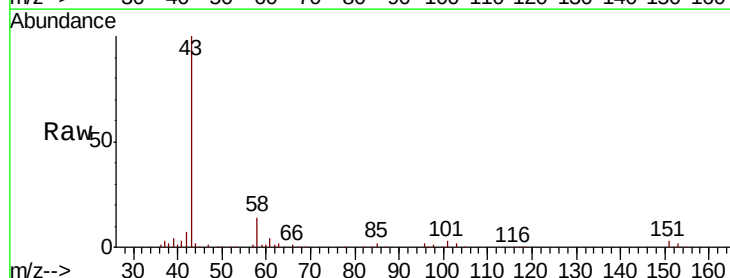
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

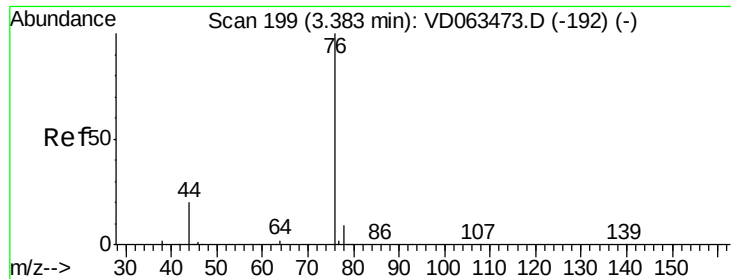
Tgt Ion: 53 Resp: 357323
 Ion Ratio Lower Upper
 53 100
 52 96.7 77.4 116.0
 51 45.9 36.7 55.1



#16
 Acetone
 Concen: 279.424 ug/l
 RT: 3.24 min Scan# 184
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 43 Resp: 685823
 Ion Ratio Lower Upper
 43 100
 58 14.3 11.4 17.2





#17

Carbon Disulfide

Concen: 49.886 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

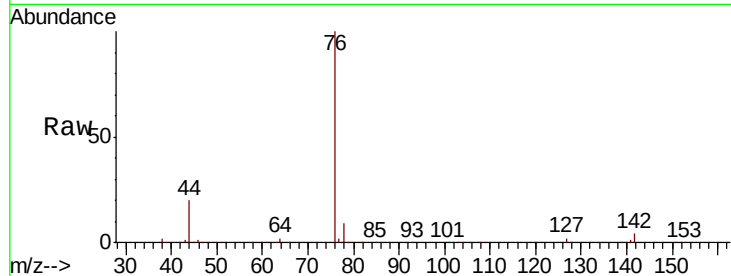
VSTDICCC050

Tgt Ion: 76 Resp: 1428076

Ion Ratio Lower Upper

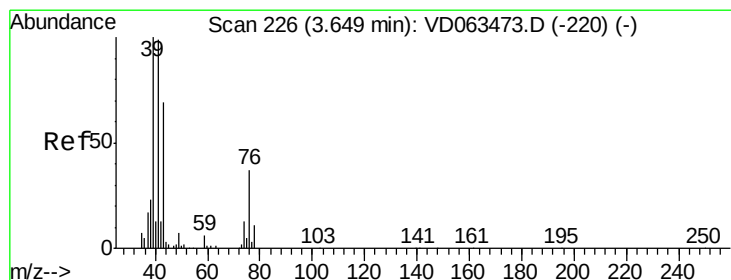
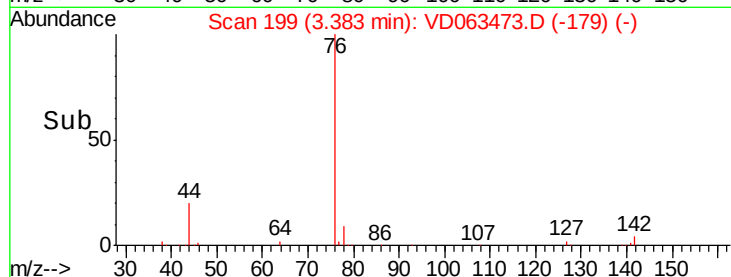
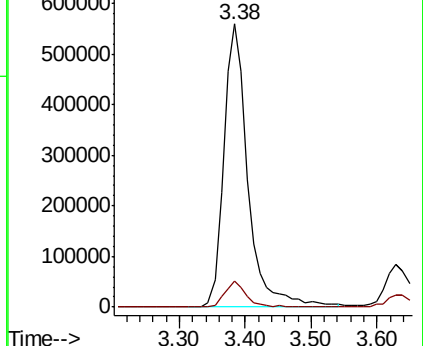
76 100

78 9.2 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 46.172 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.00 min

Lab File: VD063473.D

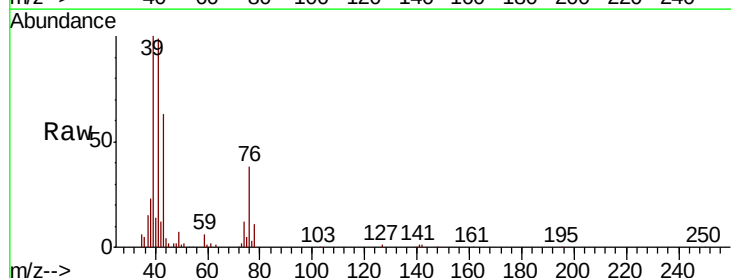
Acq: 9 Aug 2019 14:56

Tgt Ion: 43 Resp: 213404

Ion Ratio Lower Upper

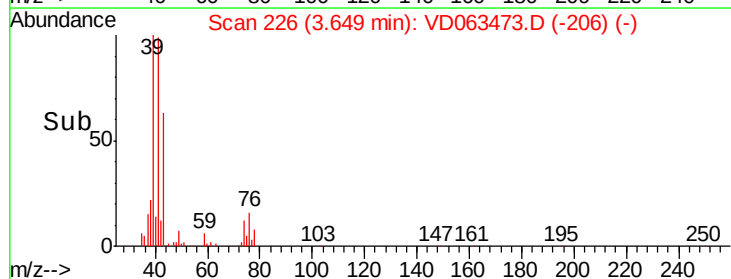
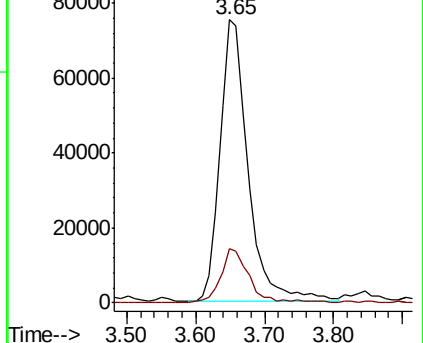
43 100

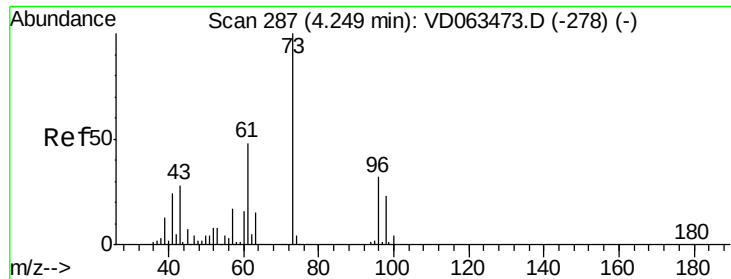
74 19.3 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

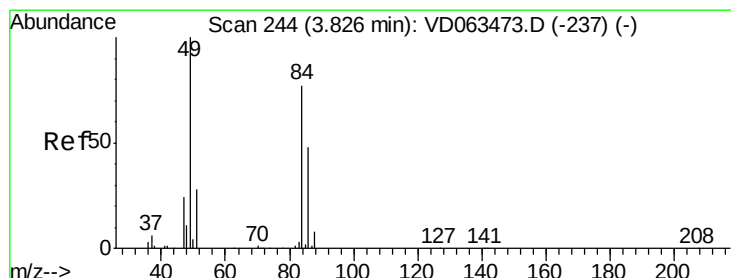
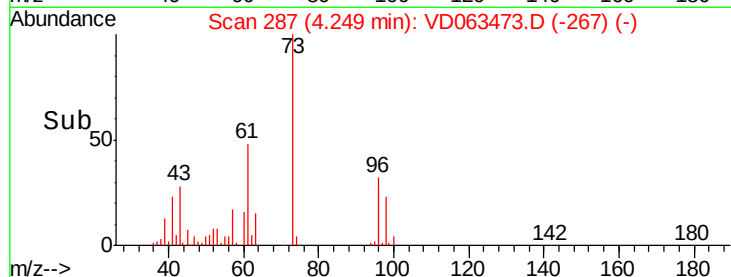
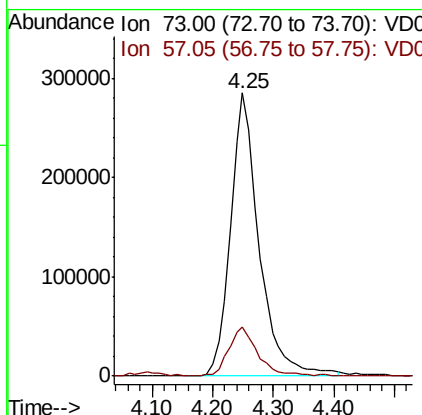
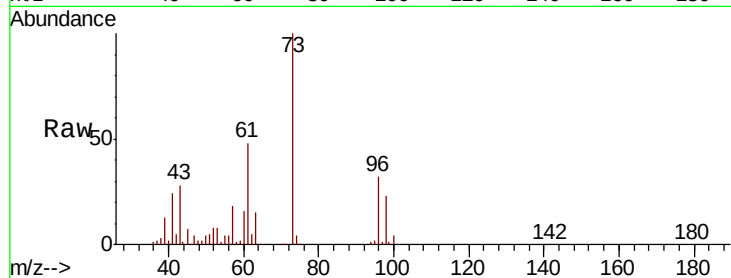




#19
Methyl tert-butyl Ether
Concen: 51.398 ug/l
RT: 4.25 min Scan# 287
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

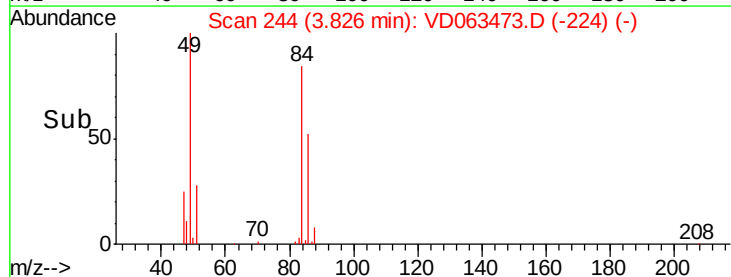
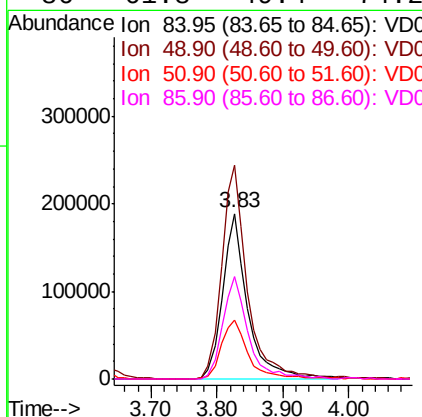
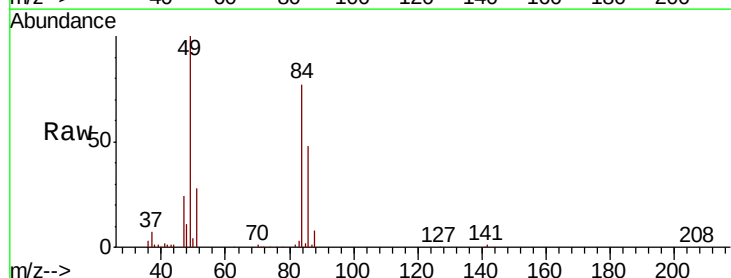
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

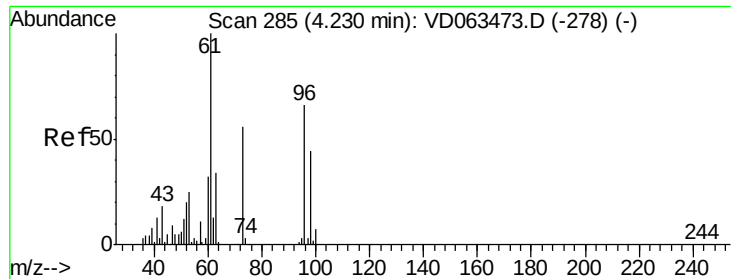
Tgt Ion: 73 Resp: 932605
Ion Ratio Lower Upper
73 100
57 17.5 14.0 21.0



#20
Methylene Chloride
Concen: 47.370 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 84 Resp: 499851
Ion Ratio Lower Upper
84 100
49 129.3 103.4 155.2
51 35.6 28.5 42.7
86 61.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 53.039 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

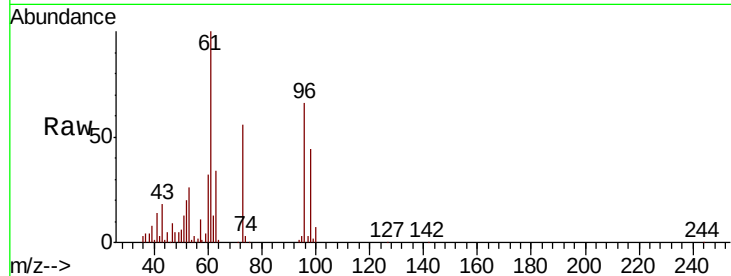
Tgt Ion: 96 Resp: 506386

Ion Ratio Lower Upper

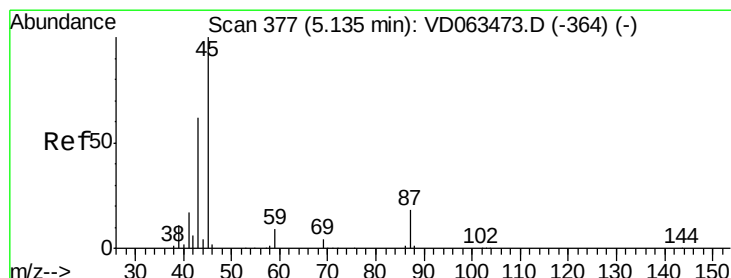
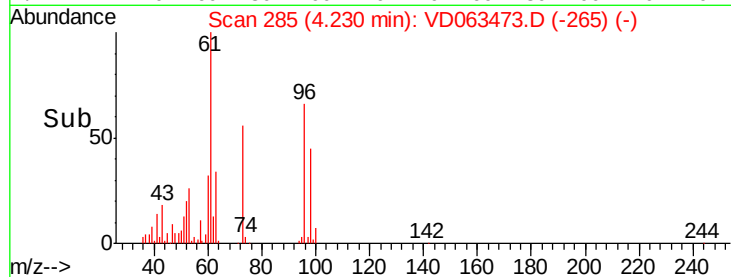
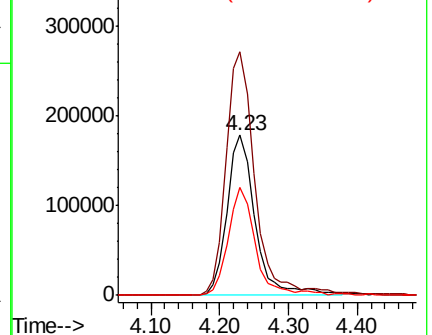
96 100

61 152.1 121.7 182.5

98 67.7 54.2 81.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 50.928 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Tgt Ion: 45 Resp: 1432601

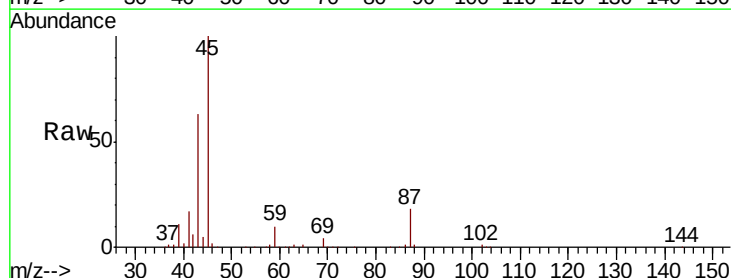
Ion Ratio Lower Upper

45 100

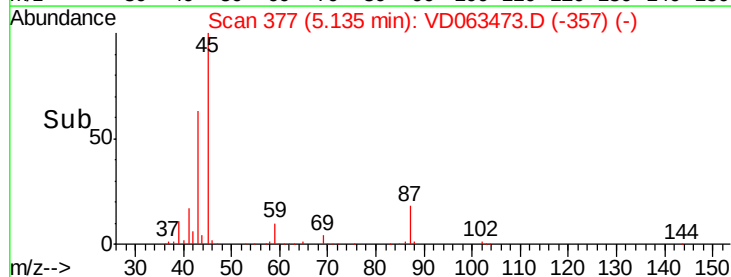
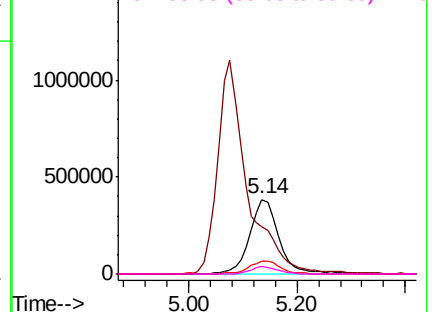
43 62.9 50.3 75.5

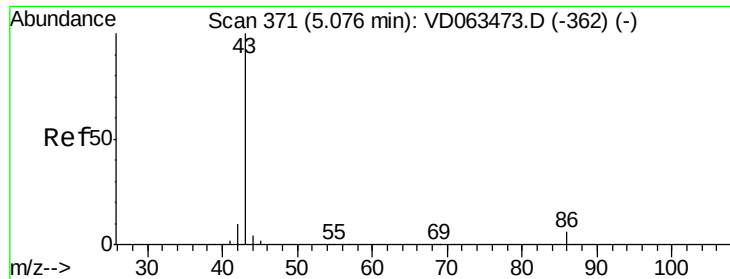
87 17.9 14.3 21.5

59 9.6 7.7 11.5



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

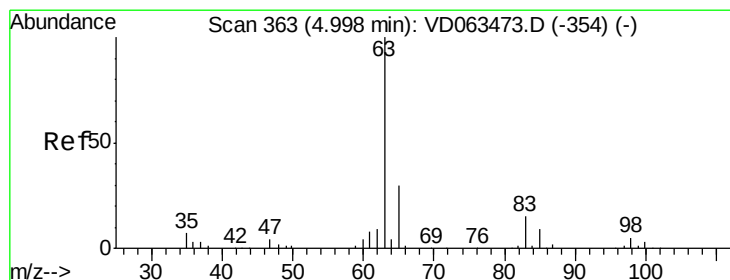
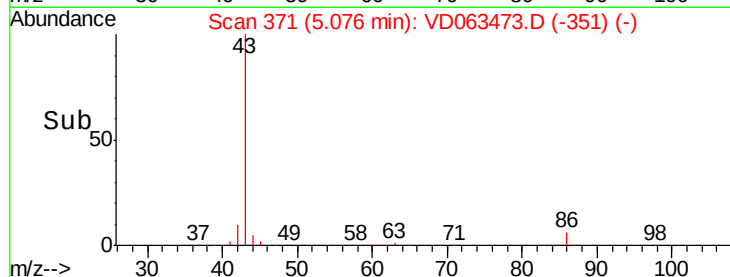
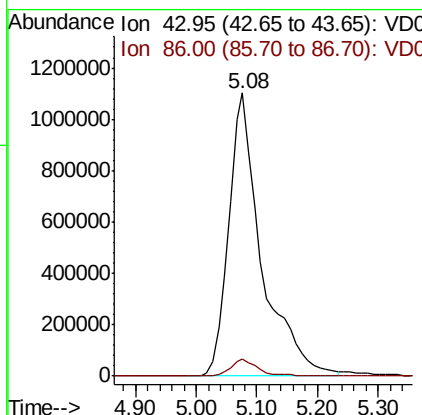
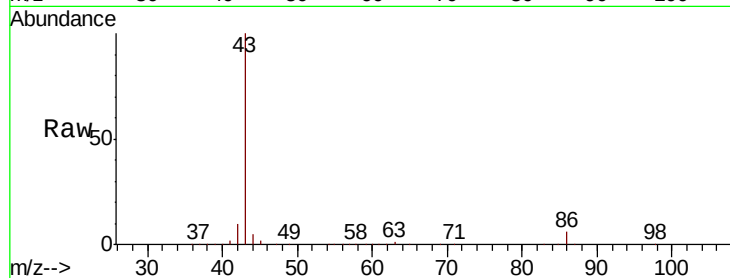




#23
 Vinyl Acetate
 Concen: 254.055 ug/l
 RT: 5.08 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

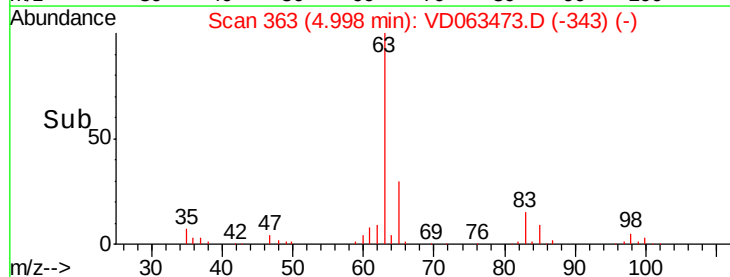
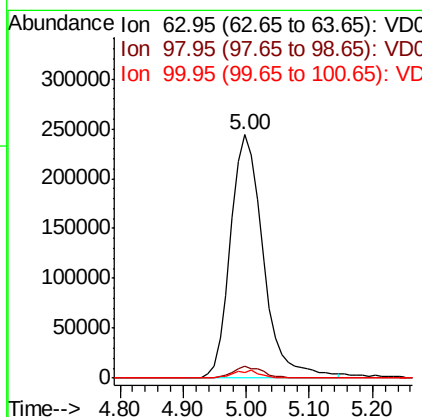
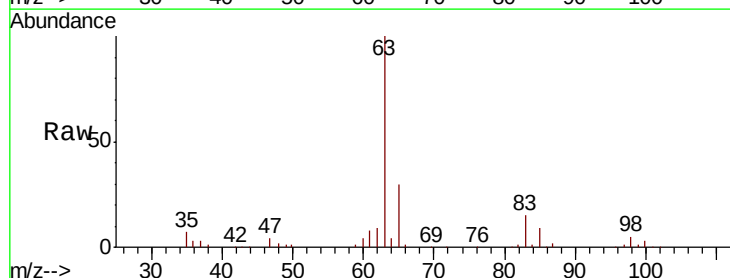
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

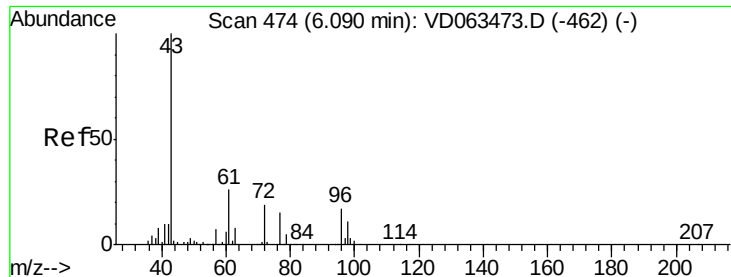
Tgt Ion: 43 Resp: 4151459
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 50.442 ug/l
 RT: 5.00 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 63 Resp: 880525
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.4 7.2
 100 2.5 1.3 3.8





#25

2-Butanone

Concen: 258.880 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

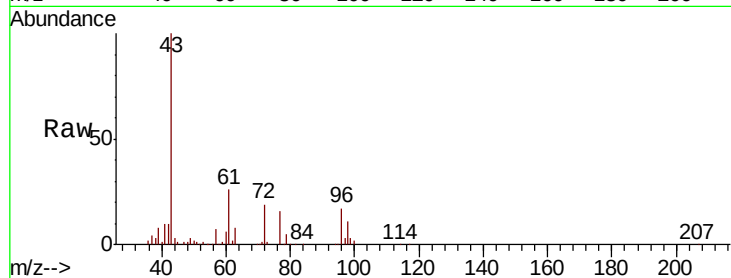
VSTDICCC050

Tgt Ion: 43 Resp: 623753

Ion Ratio Lower Upper

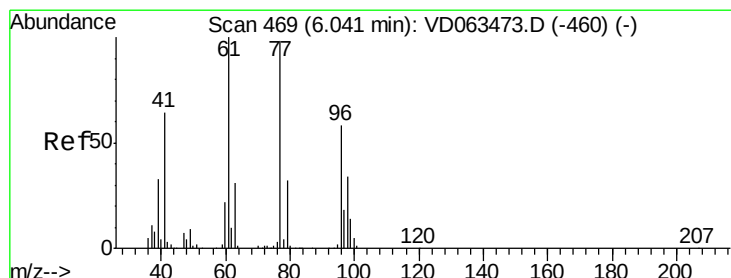
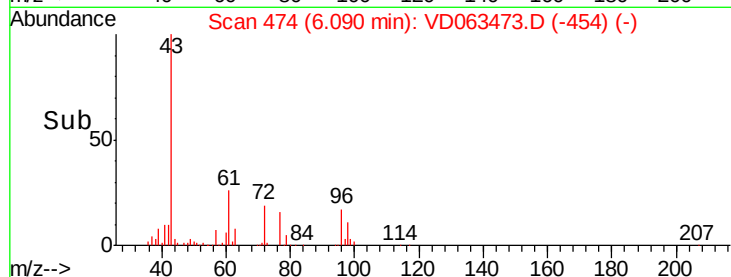
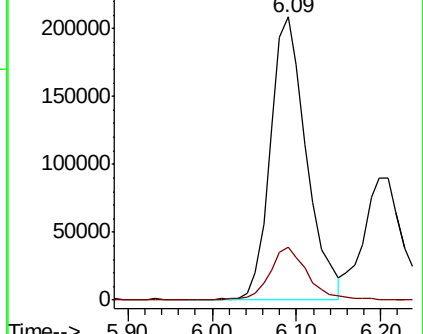
43 100

72 18.9 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.613 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD063473.D

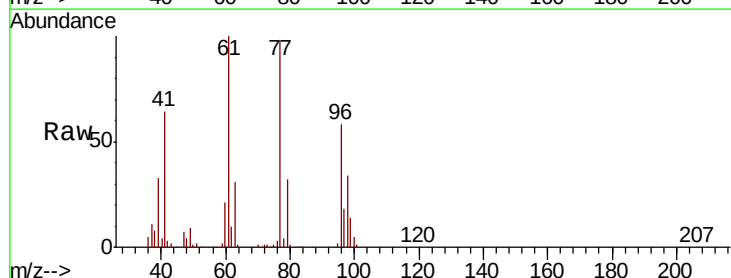
Acq: 9 Aug 2019 14:56

Tgt Ion: 77 Resp: 880030

Ion Ratio Lower Upper

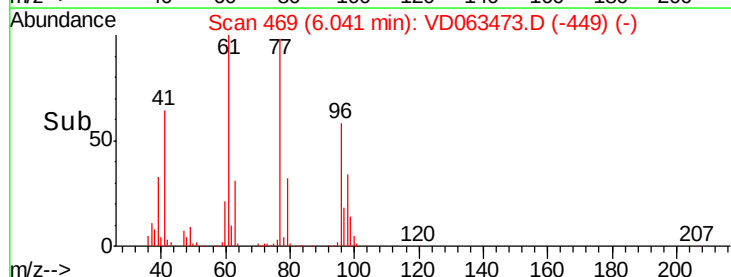
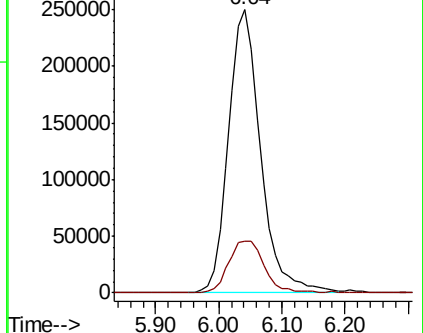
77 100

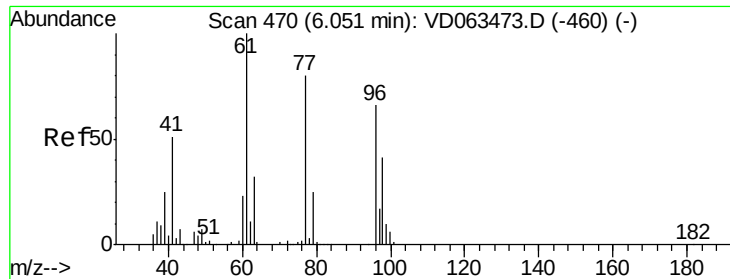
97 18.1 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 51.346 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

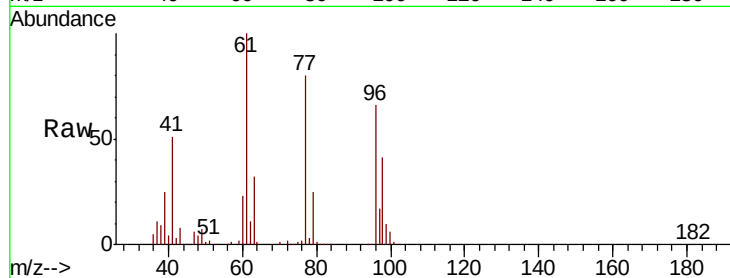
Tgt Ion: 96 Resp: 536353

Ion Ratio Lower Upper

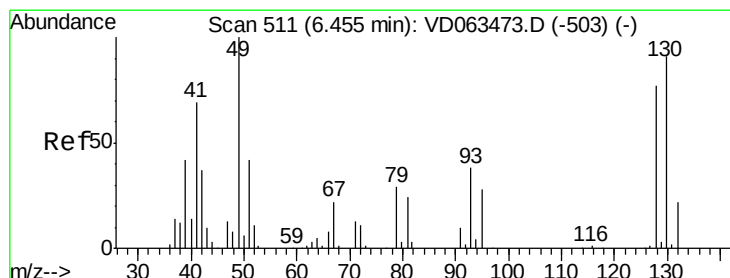
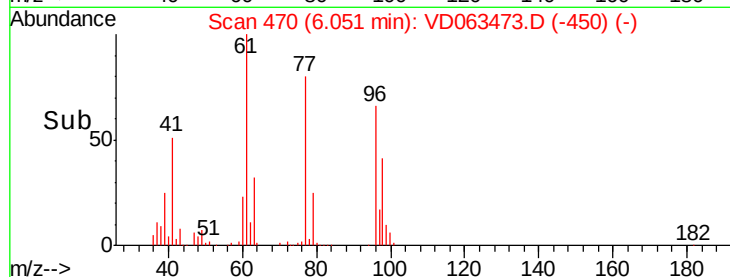
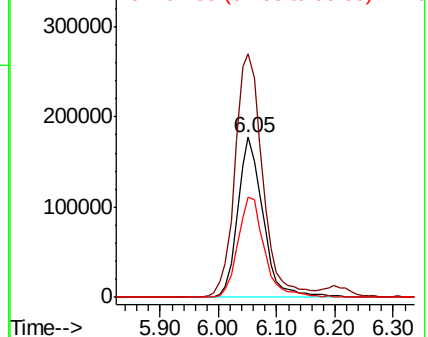
96 100

61 152.0 0.0 304.0

98 62.4 0.0 124.8



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane

Concen: 51.880 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

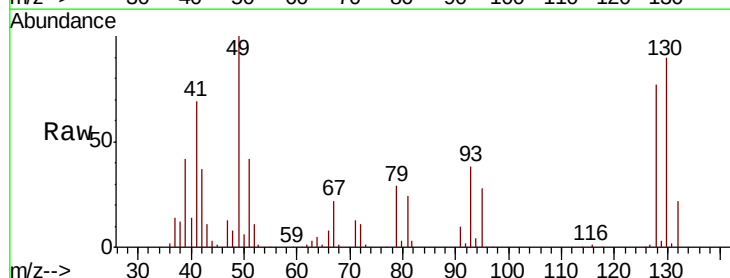
Tgt Ion: 49 Resp: 367059

Ion Ratio Lower Upper

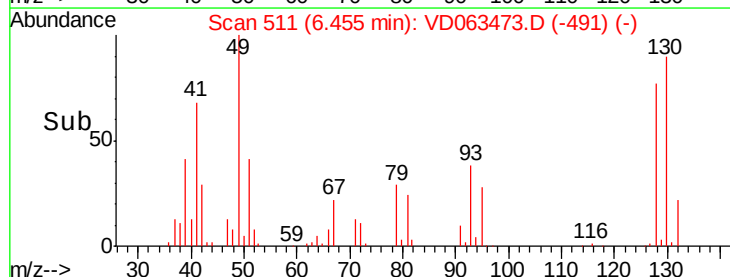
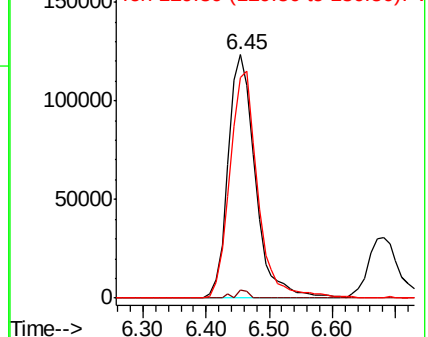
49 100

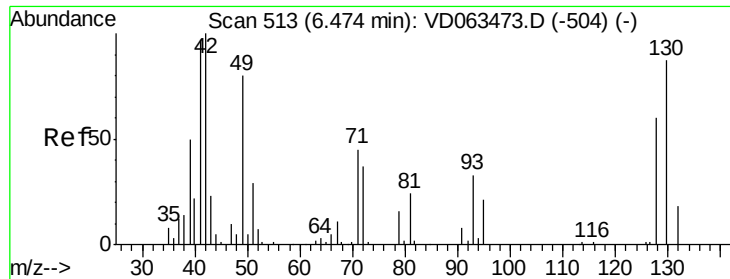
129 3.2 0.0 6.4

130 90.5 72.4 108.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 255.841 ug/l

RT: 6.47 min Scan# 513

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

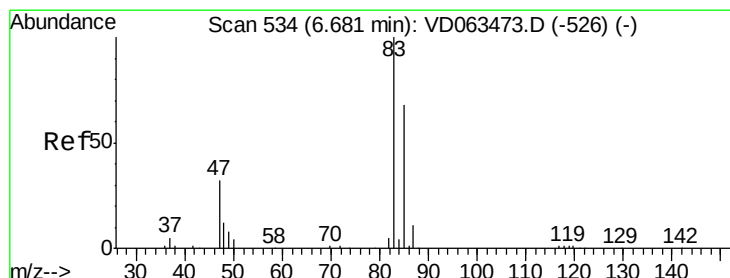
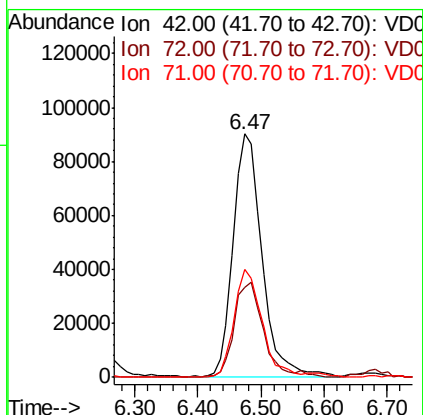
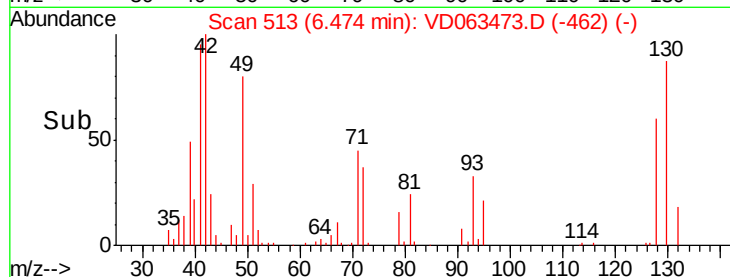
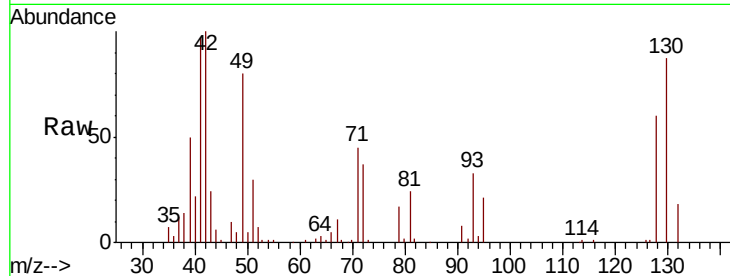
Tgt Ion: 42 Resp: 287268

Ion Ratio Lower Upper

42 100

72 39.4 31.5 47.3

71 42.3 33.8 50.8



#30

Chloroform

Concen: 49.985 ug/l

RT: 6.68 min Scan# 534

Delta R.T. 0.00 min

Lab File: VD063473.D

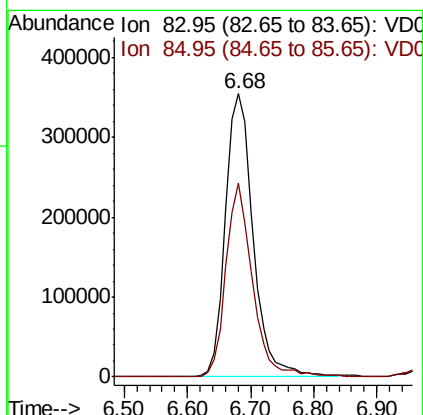
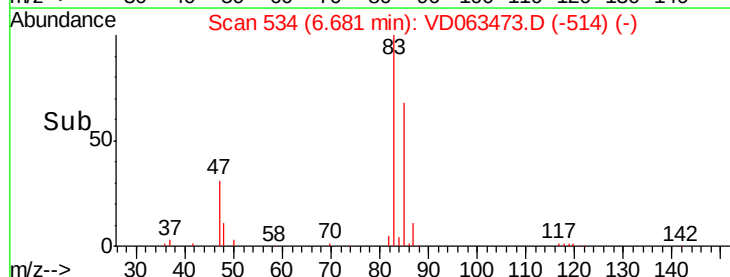
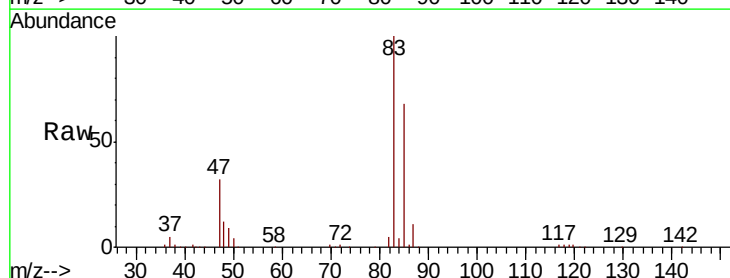
Acq: 9 Aug 2019 14:56

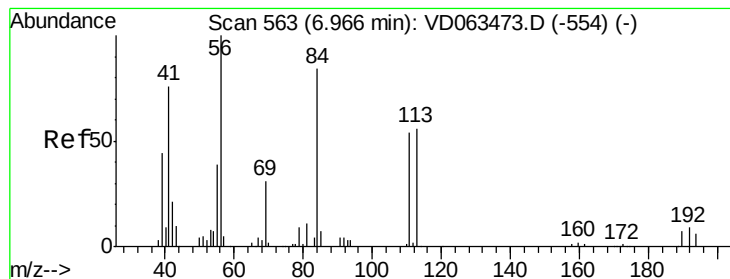
Tgt Ion: 83 Resp: 1084646

Ion Ratio Lower Upper

83 100

85 68.5 54.8 82.2





#31

Cyclohexane

Concen: 52.812 ug/l

RT: 6.97 min Scan# 563

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

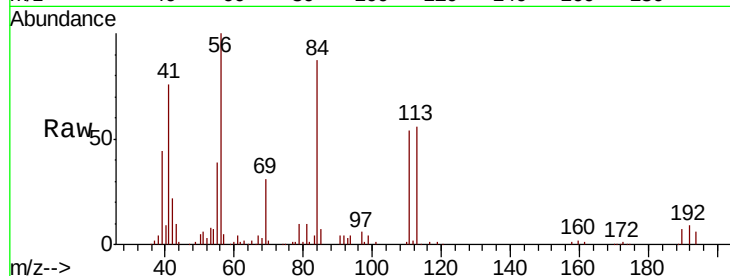
Tgt Ion: 56 Resp: 572324

Ion Ratio Lower Upper

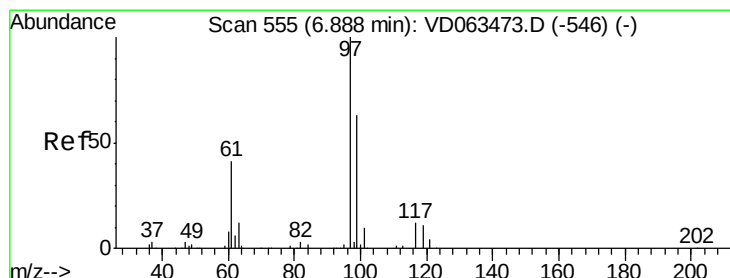
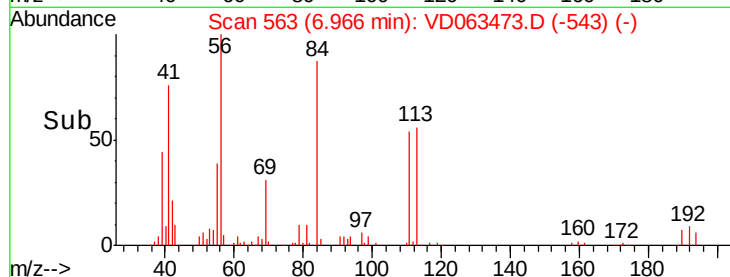
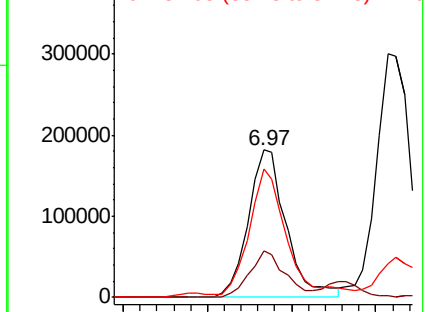
56 100

69 31.3 25.0 37.6

84 87.1 69.7 104.5



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 51.115 ug/l

RT: 6.89 min Scan# 555

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

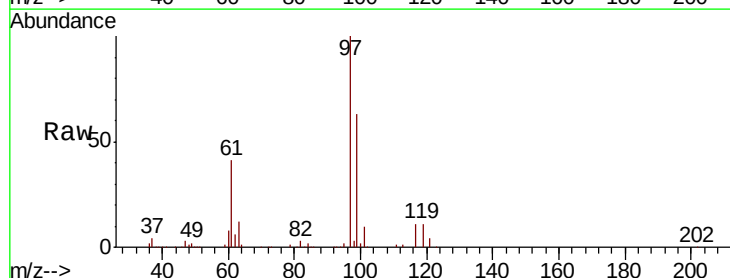
Tgt Ion: 97 Resp: 1060969

Ion Ratio Lower Upper

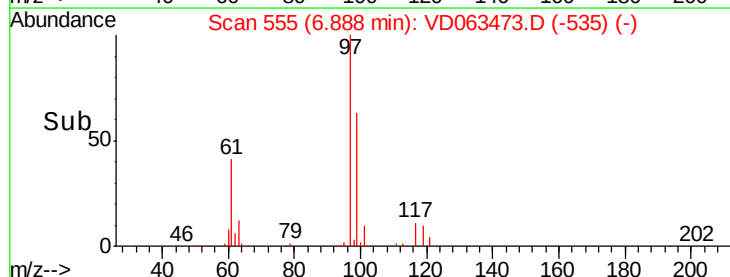
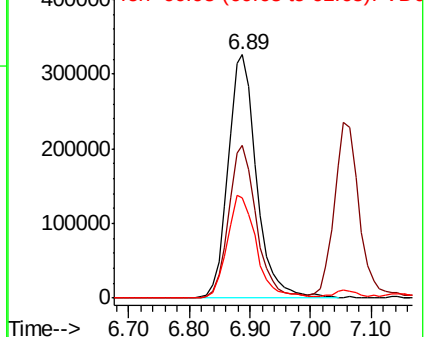
97 100

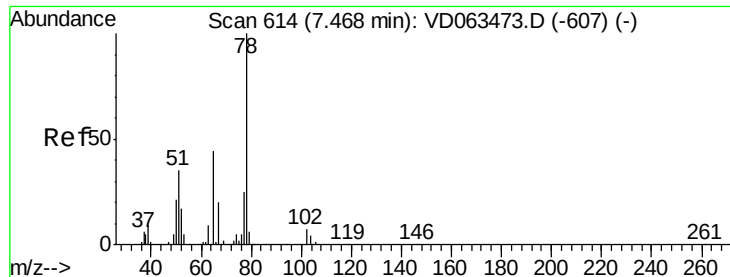
99 62.8 50.2 75.4

61 41.4 33.1 49.7



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

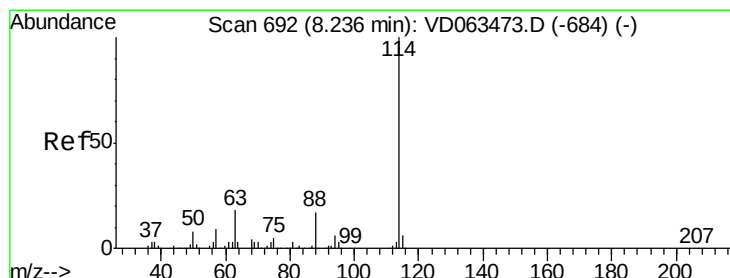
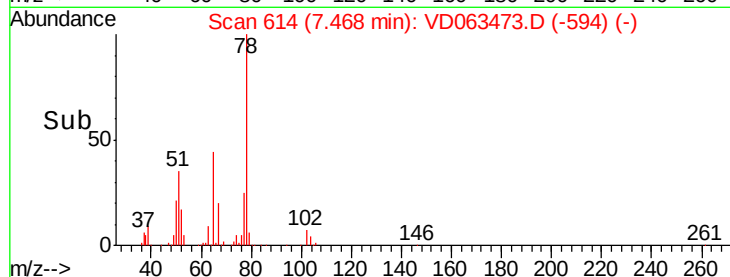
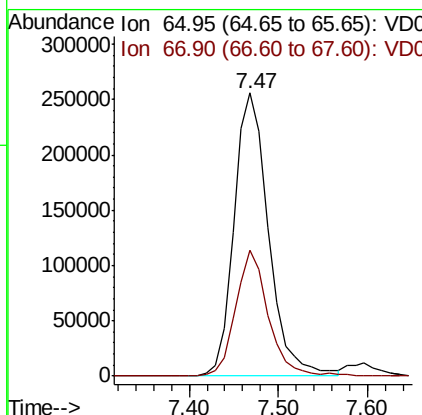
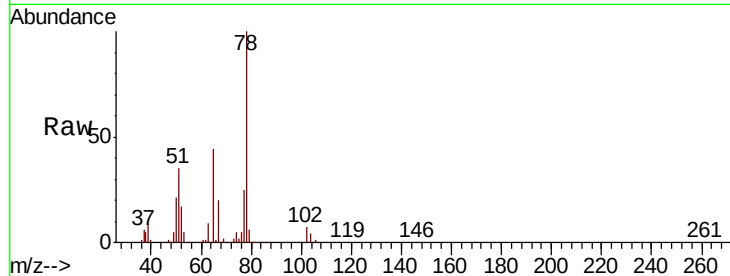




#33
 1,2-Dichloroethane-d4
 Concen: 57.480 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

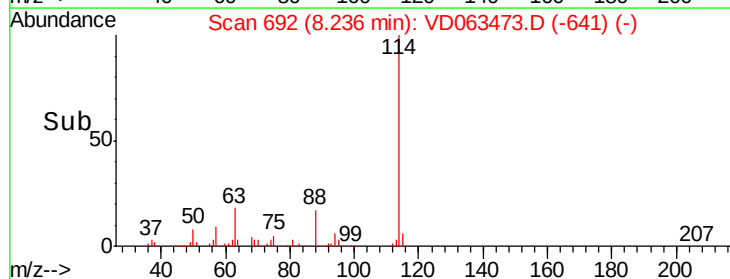
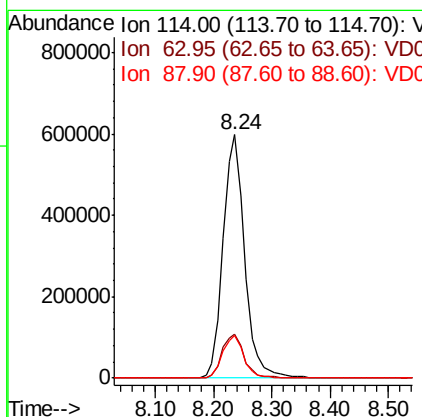
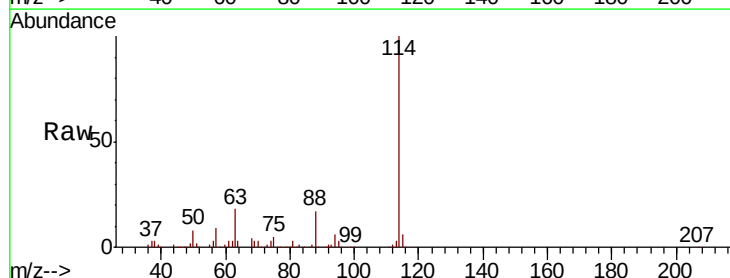
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

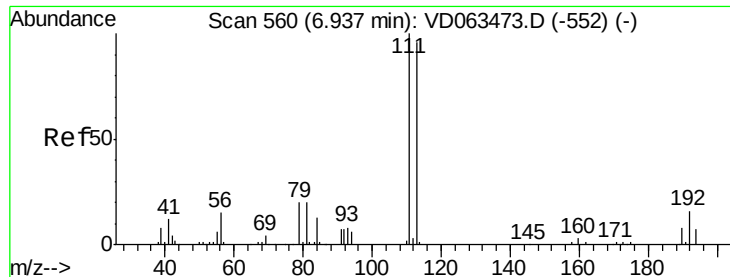
Tgt Ion: 65 Resp: 689842
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 114 Resp: 1534428
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.2
 88 17.5 0.0 35.0

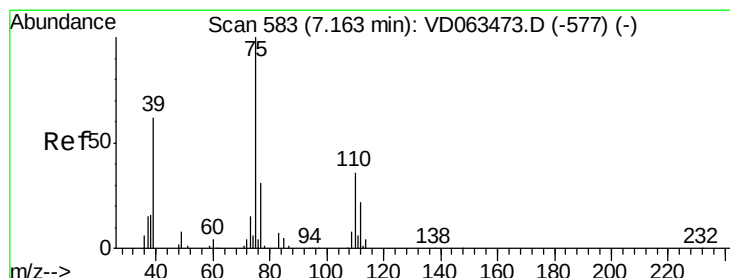
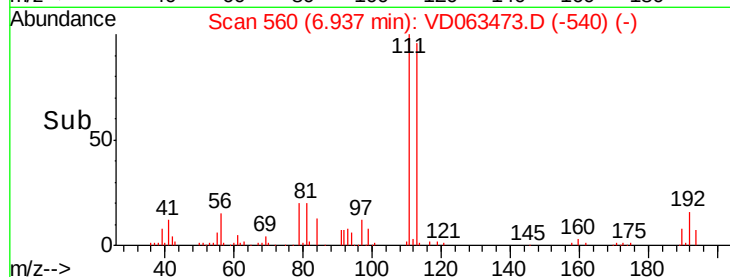
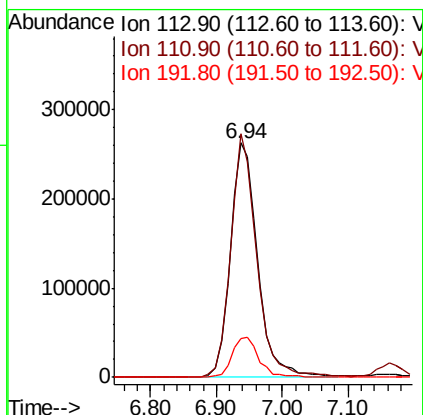
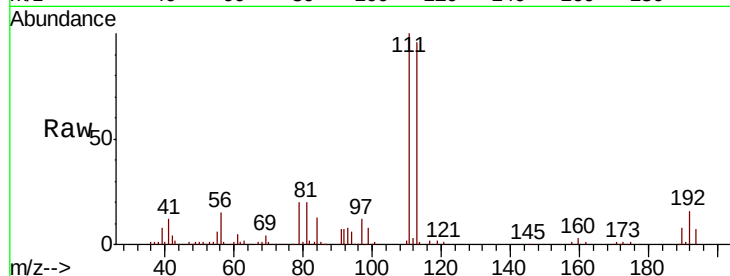




#35
 Dibromofluoromethane
 Concen: 59.035 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

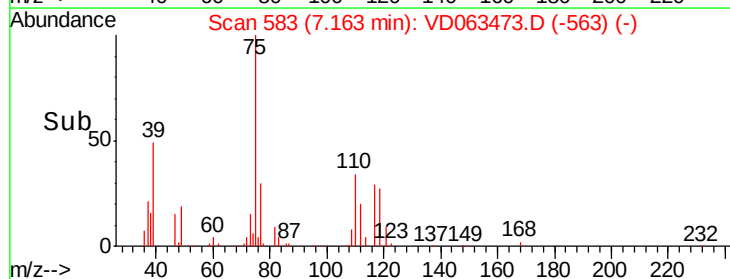
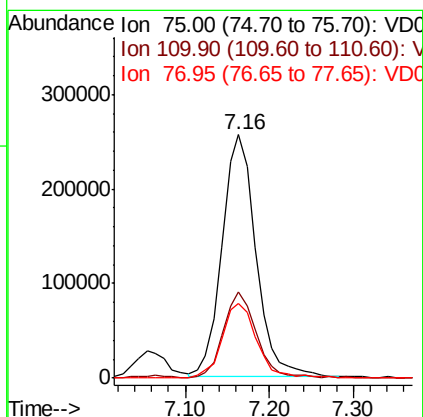
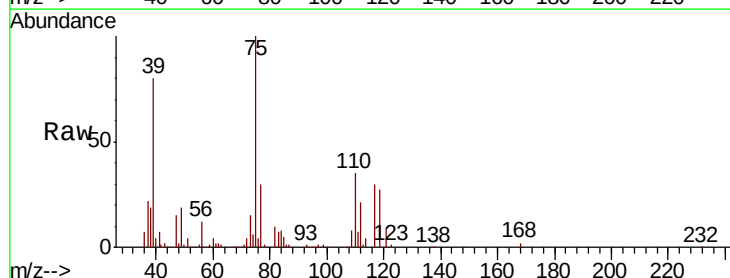
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

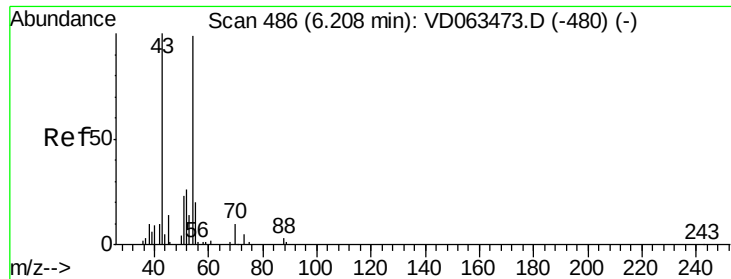
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.4	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 52.954 ug/l
 RT: 7.16 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.6	52.8
77	30.4	24.3	36.5

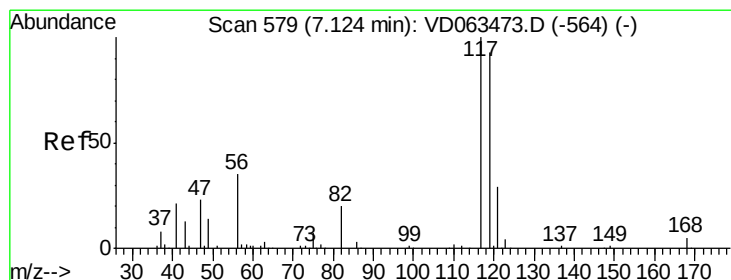
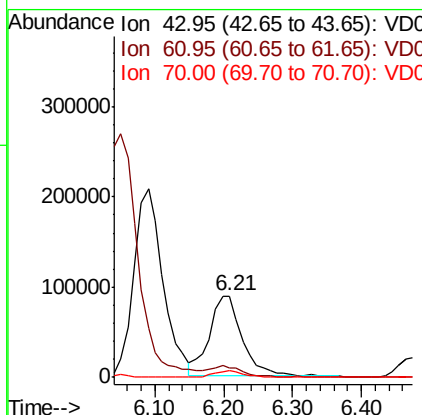
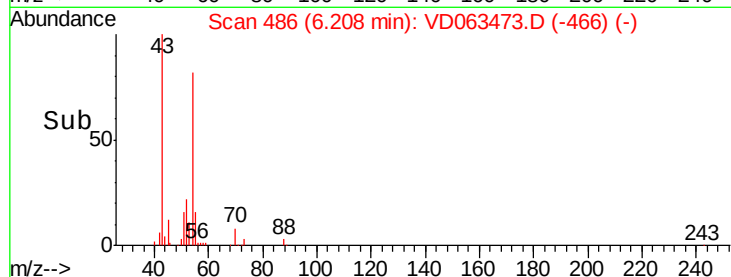
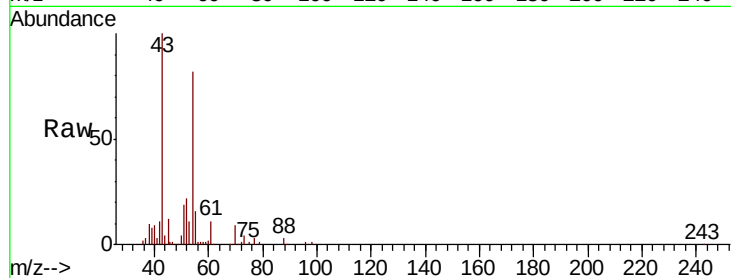




#37
Ethyl Acetate
Concen: 52.211 ug/l
RT: 6.21 min Scan# 486
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

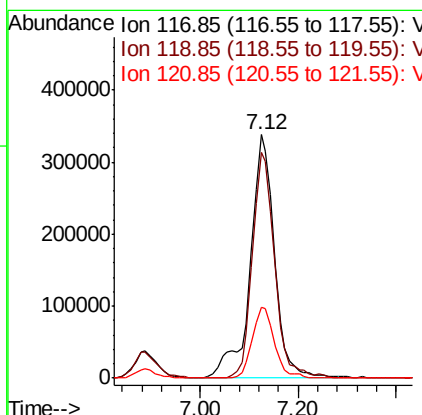
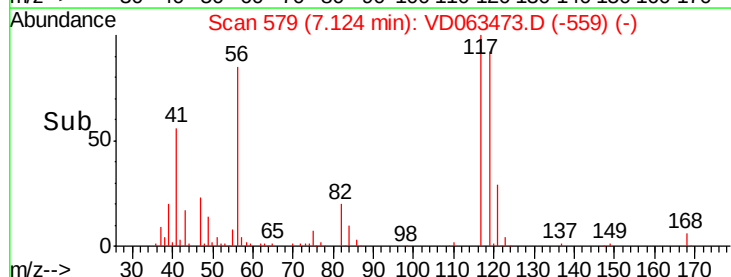
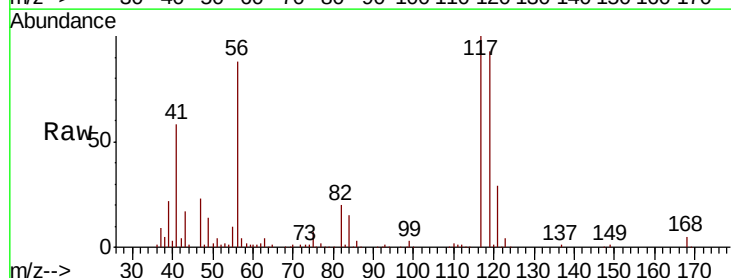
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

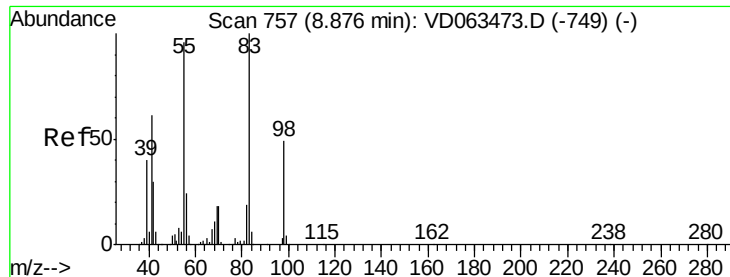
Tgt Ion: 43 Resp: 296050
Ion Ratio Lower Upper
43 100
61 11.3 9.0 13.6
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 56.585 ug/l
RT: 7.12 min Scan# 579
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 117 Resp: 1156798
Ion Ratio Lower Upper
117 100
119 92.7 74.2 111.2
121 28.9 23.1 34.7

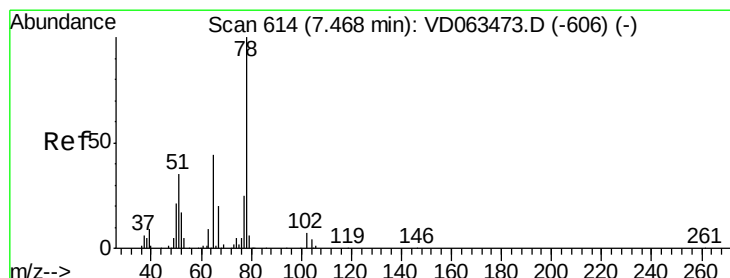
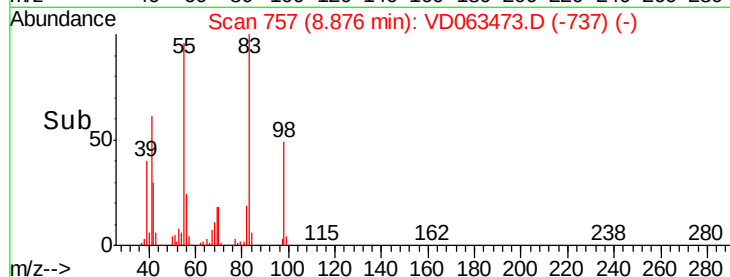
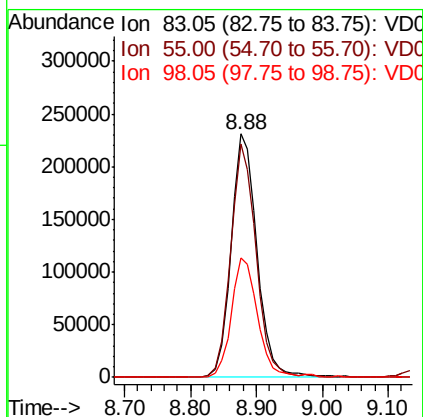
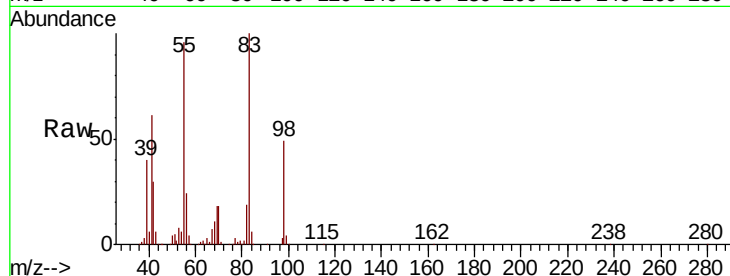




#39
Methylcyclohexane
Concen: 55.233 ug/l
RT: 8.88 min Scan# 757
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

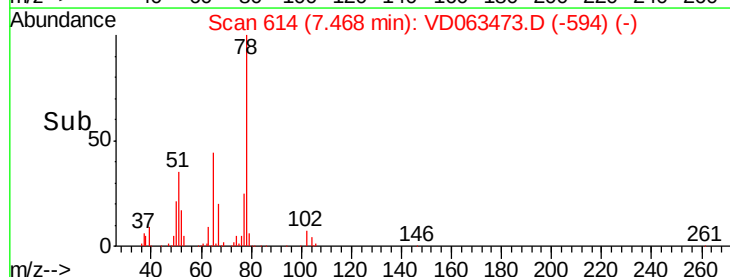
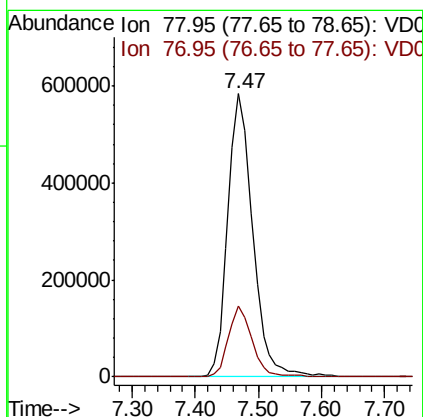
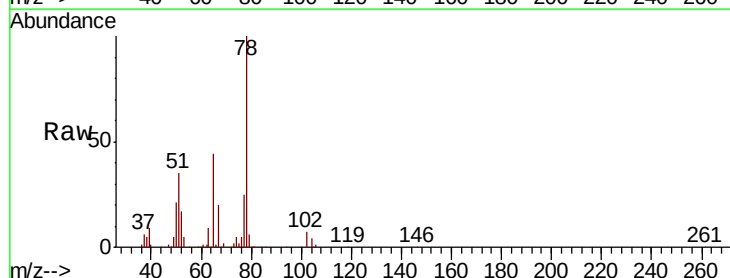
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

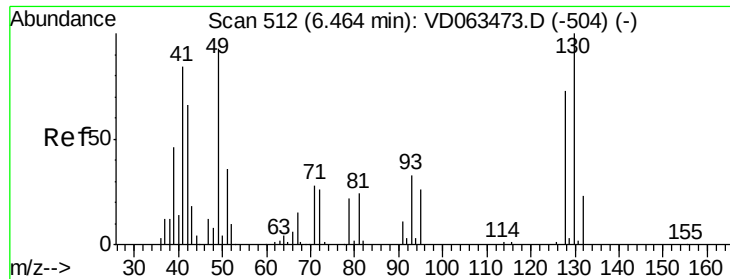
Tgt Ion: 83 Resp: 637088
Ion Ratio Lower Upper
83 100
55 95.7 76.6 114.8
98 49.2 39.4 59.0



#40
Benzene
Concen: 53.631 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 78 Resp: 1600945
Ion Ratio Lower Upper
78 100
77 25.1 20.1 30.1





#41

Methacrylonitrile

Concen: 53.336 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 381715

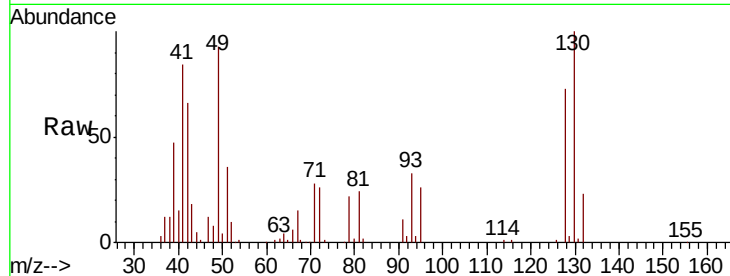
Ion Ratio Lower Upper

41 100

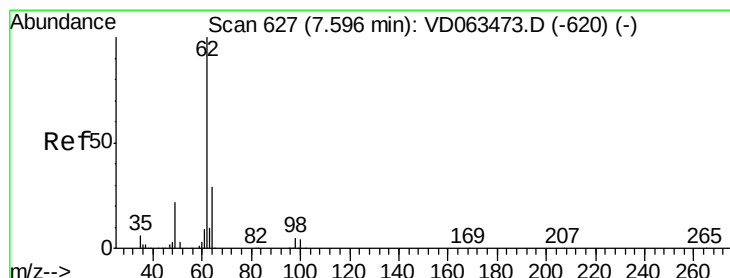
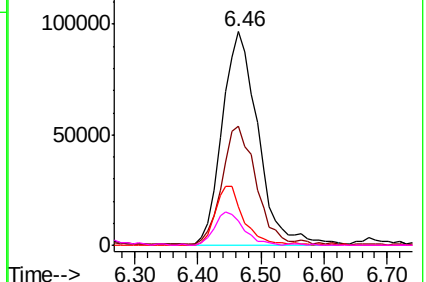
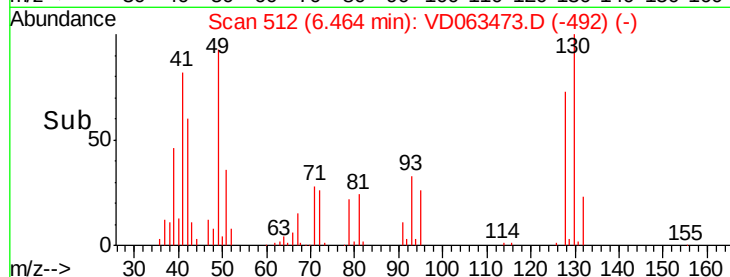
39 55.7 44.6 66.8

67 18.0 14.4 21.6

52 11.6 9.3 13.9



Abundance Ion 40.95 (40.65 to 41.65): VDC
150000 Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 53.246 ug/l

RT: 7.60 min Scan# 627

Delta R.T. 0.00 min

Lab File: VD063473.D

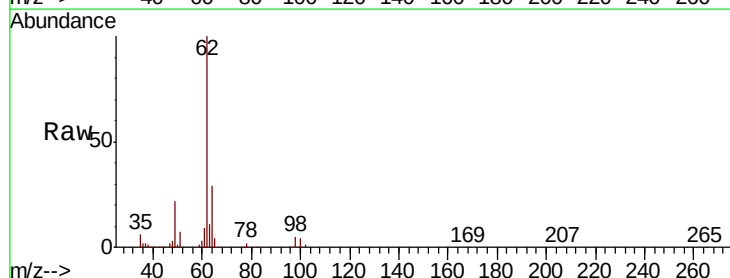
Acq: 9 Aug 2019 14:56

Tgt Ion: 62 Resp: 799214

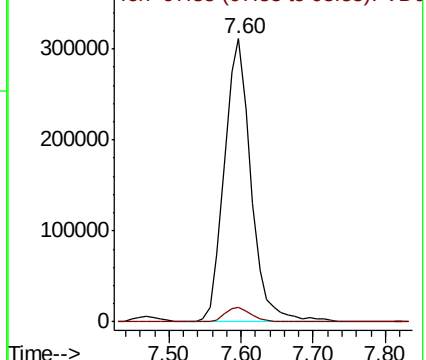
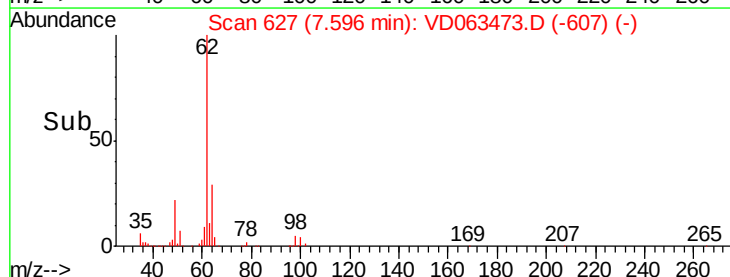
Ion Ratio Lower Upper

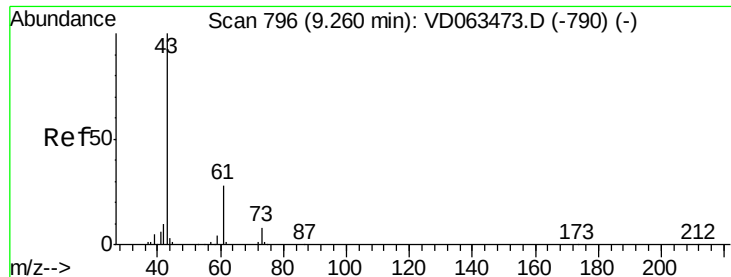
62 100

98 5.2 0.0 10.4



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC

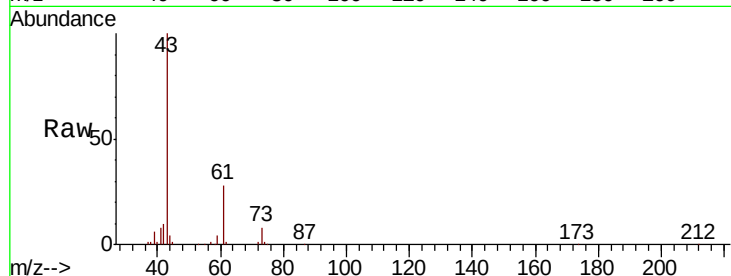




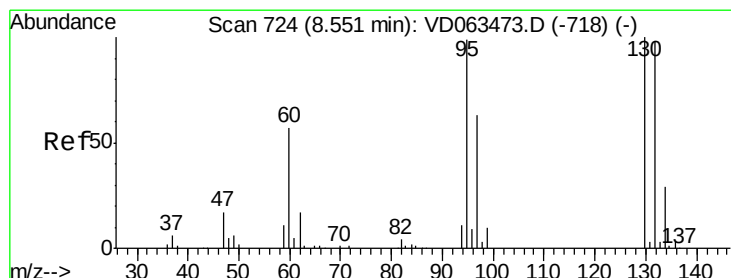
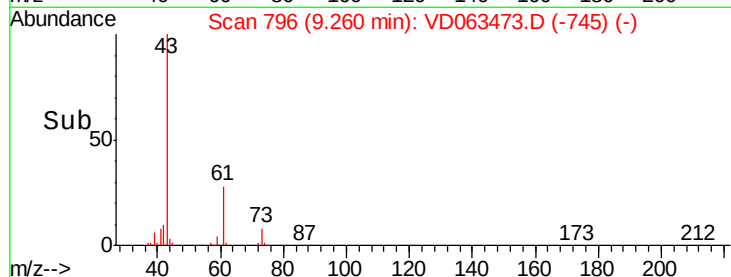
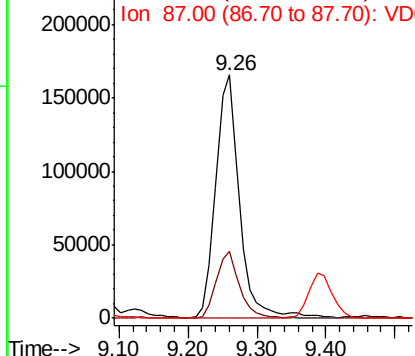
#43
Isopropyl Acetate
Concen: 52.281 ug/l
RT: 9.26 min Scan# 796
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 398003
Ion Ratio Lower Upper
43 100
61 27.7 22.2 33.2
87 0.3 0.2 0.4

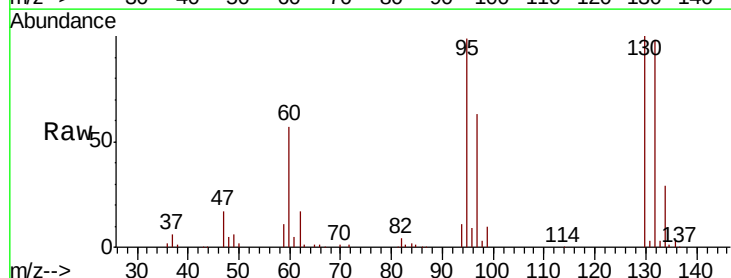


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

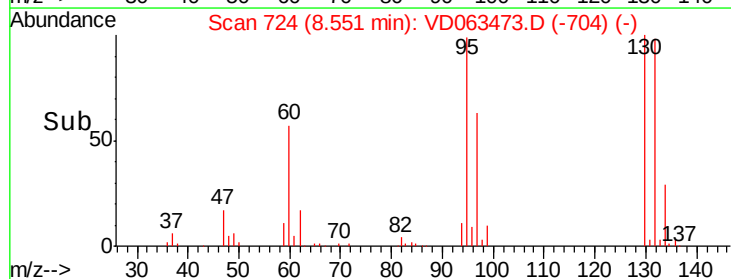
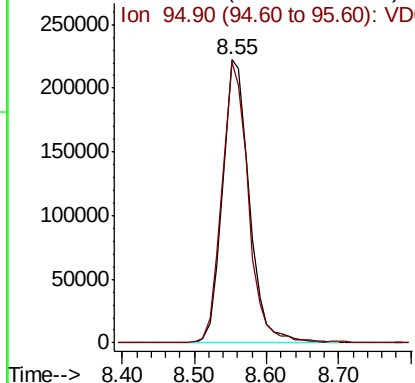


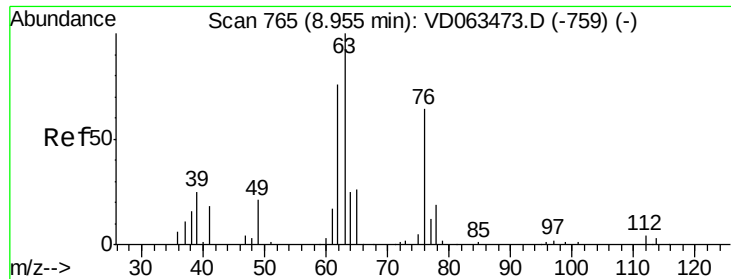
#44
Trichloroethene
Concen: 49.994 ug/l
RT: 8.55 min Scan# 724
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 130 Resp: 570573
Ion Ratio Lower Upper
130 100
95 99.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

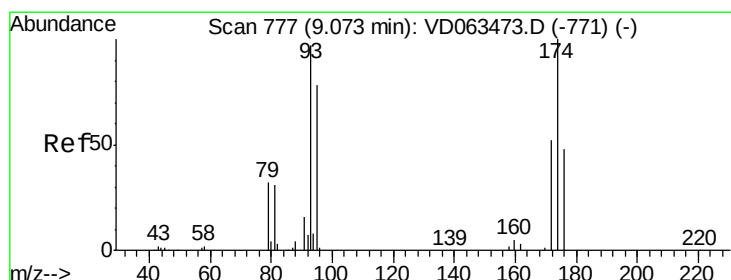
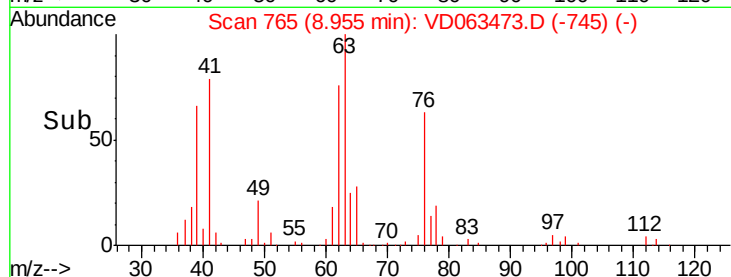
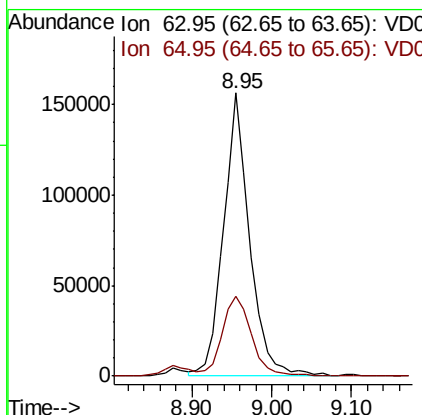
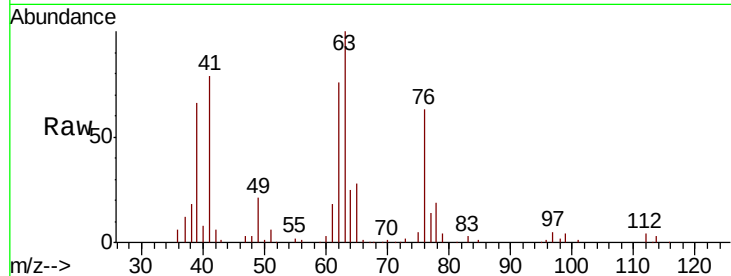




#45
 1,2-Dichloropropane
 Concen: 51.347 ug/l
 RT: 8.95 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

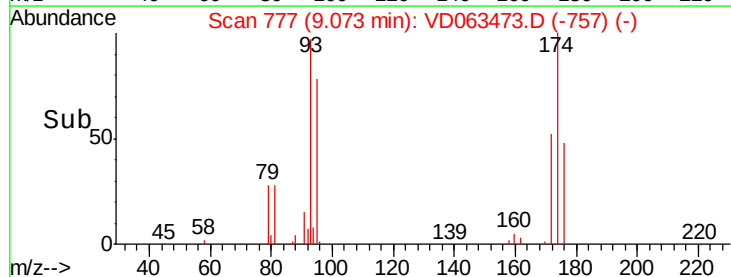
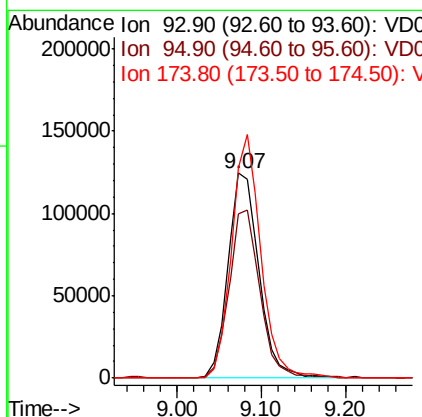
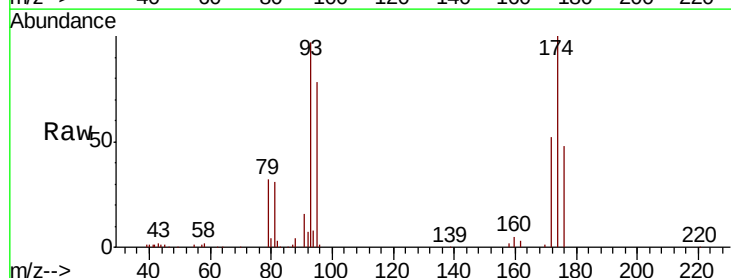
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

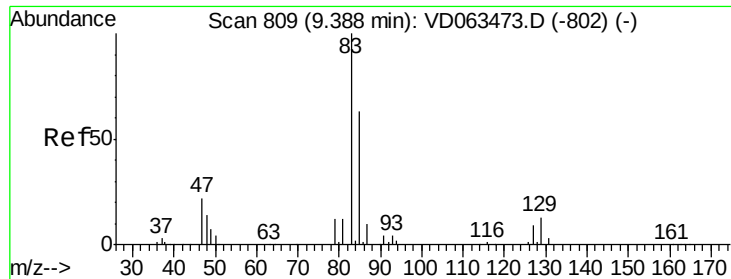
Tgt Ion: 63 Resp: 356941
 Ion Ratio Lower Upper
 63 100
 65 28.1 22.5 33.7



#46
 Dibromomethane
 Concen: 53.728 ug/l
 RT: 9.07 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 93 Resp: 318958
 Ion Ratio Lower Upper
 93 100
 95 80.2 64.2 96.2
 174 102.6 82.1 123.1





#47

Bromodichloromethane

Concen: 51.440 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

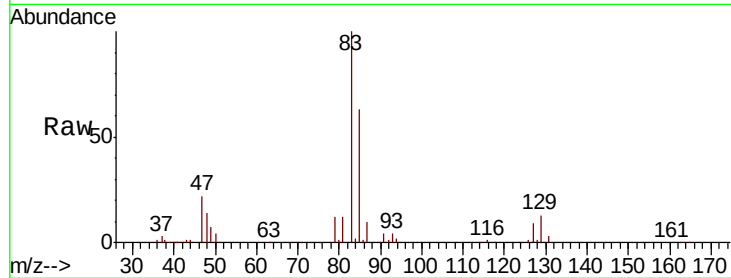
Tgt Ion: 83 Resp: 783320

Ion Ratio Lower Upper

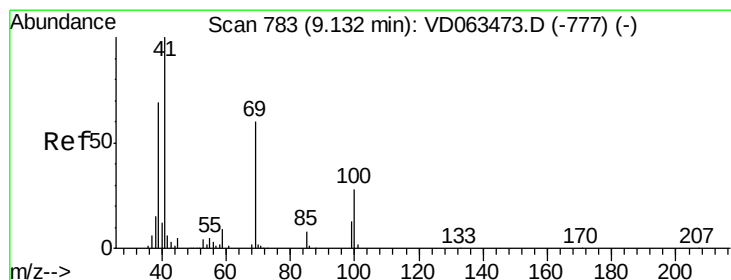
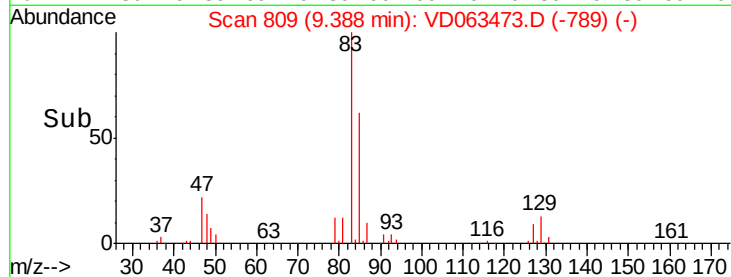
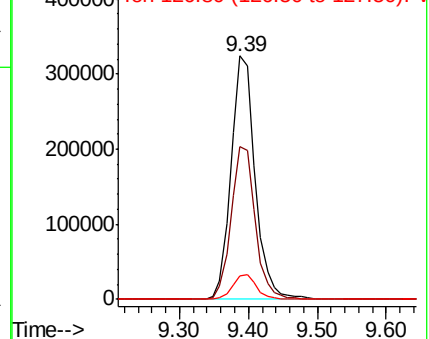
83 100

85 62.6 50.1 75.1

127 9.5 7.6 11.4



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 52.232 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

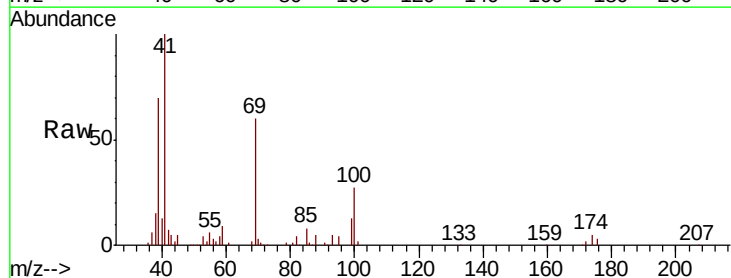
Tgt Ion: 41 Resp: 269660

Ion Ratio Lower Upper

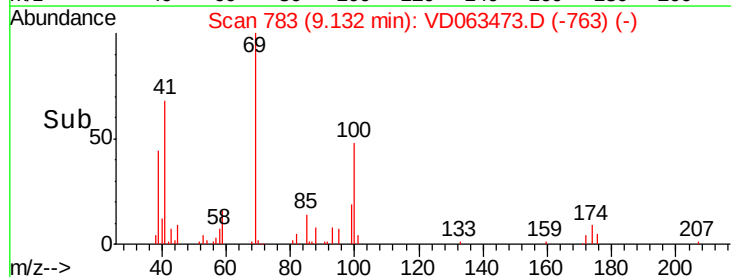
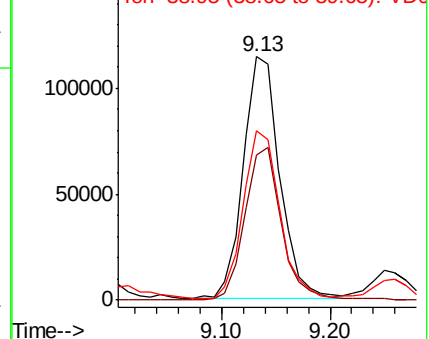
41 100

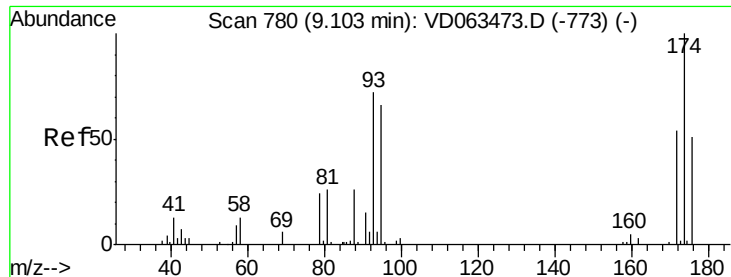
69 59.5 47.6 71.4

39 69.6 55.7 83.5



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

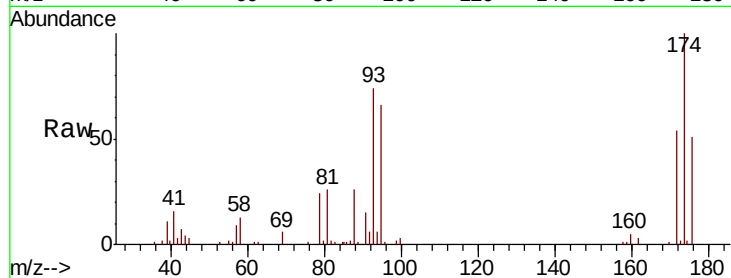




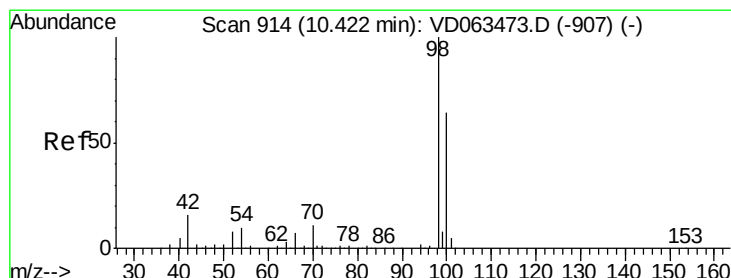
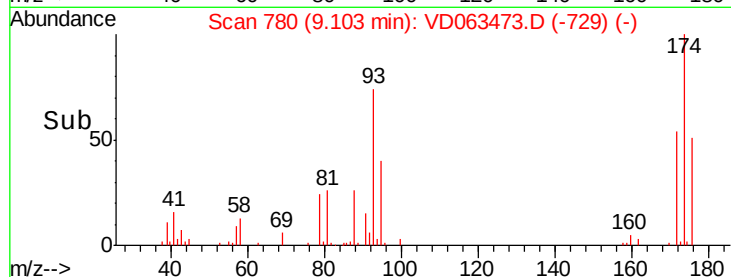
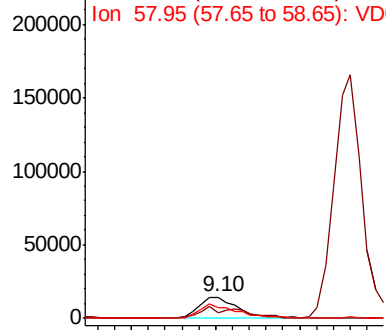
#49
 1,4-Dioxane
 Concen: 1083.364 ug/l
 RT: 9.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 47594
 Ion Ratio Lower Upper
 88 100
 43 28.6 22.9 34.3
 58 50.1 40.1 60.1

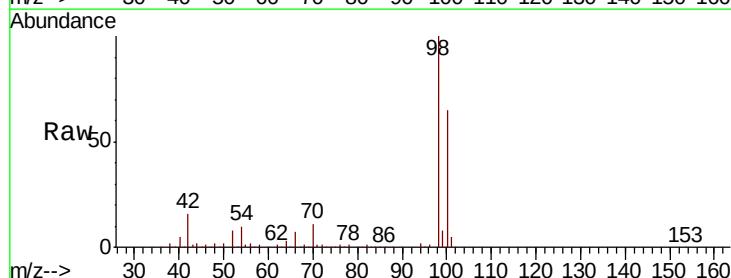


Abundance Ion 88.00 (87.75 to 88.75): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

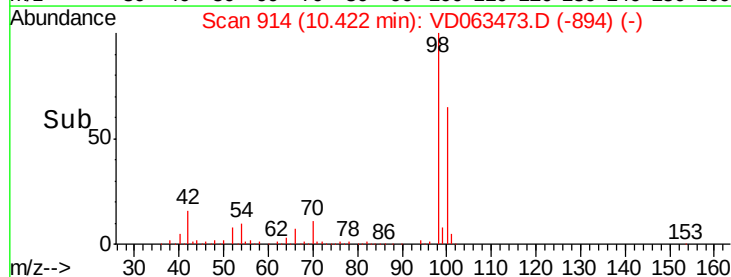
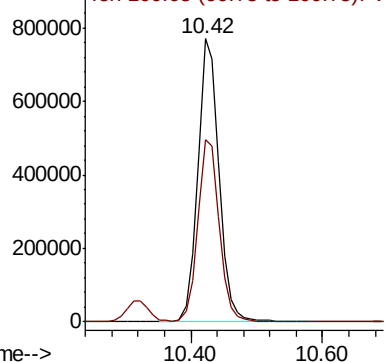


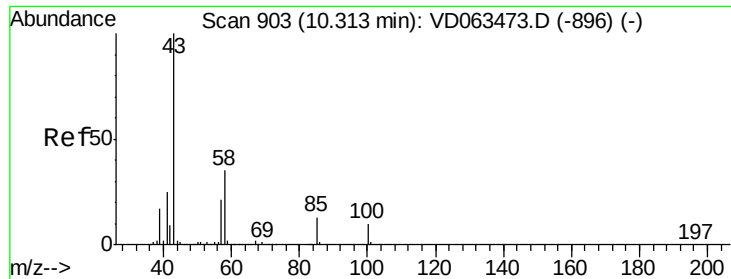
#50
 Toluene-d8
 Concen: 60.919 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 98 Resp: 1730831
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

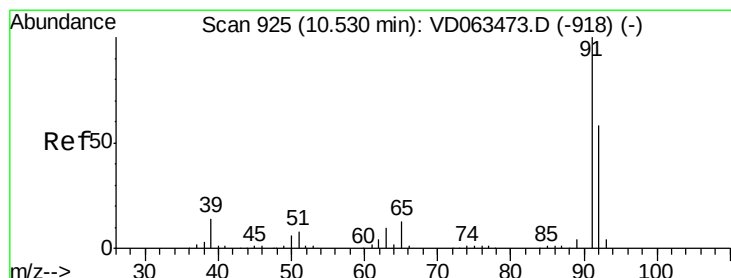
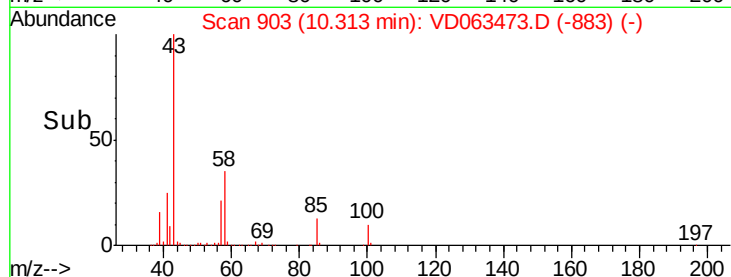
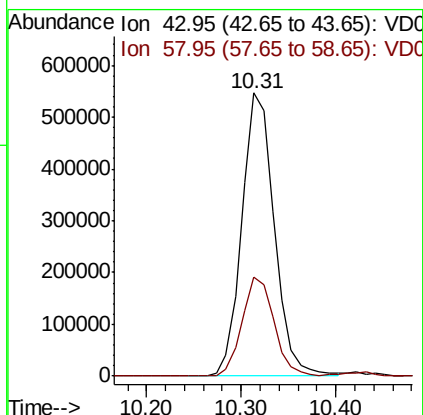
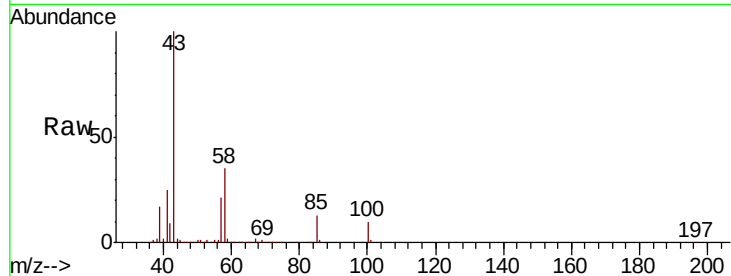




#51
 4-Methyl-2-Pentanone
 Concen: 249.522 ug/l
 RT: 10.31 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

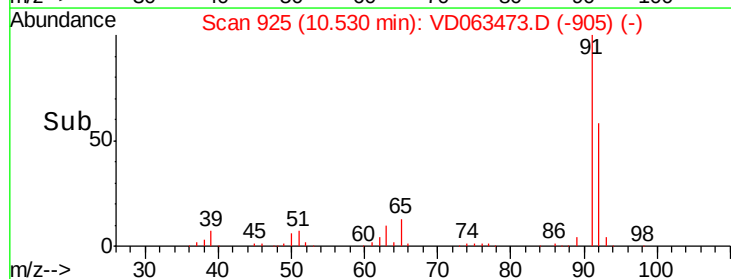
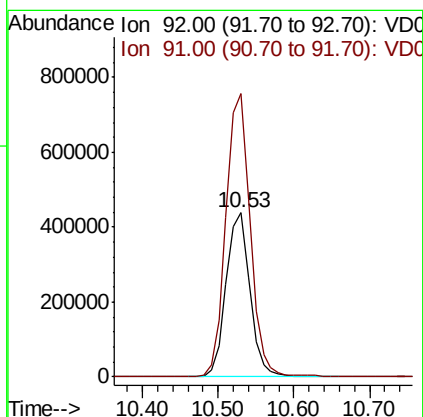
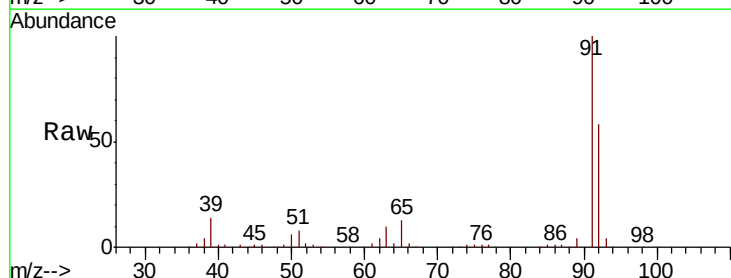
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

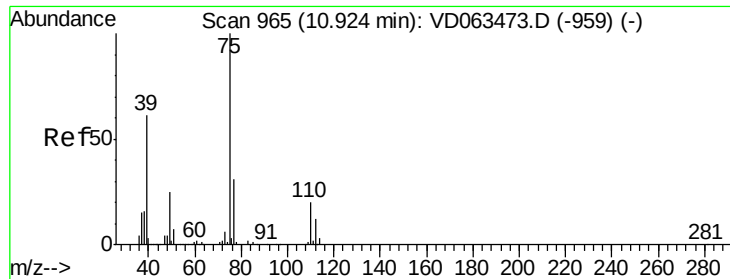
Tgt Ion: 43 Resp: 1299803
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.0 42.0



#52
 Toluene
 Concen: 50.080 ug/l
 RT: 10.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 92 Resp: 962878
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.9 206.9

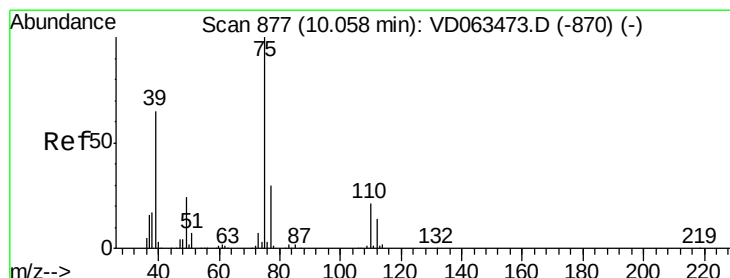
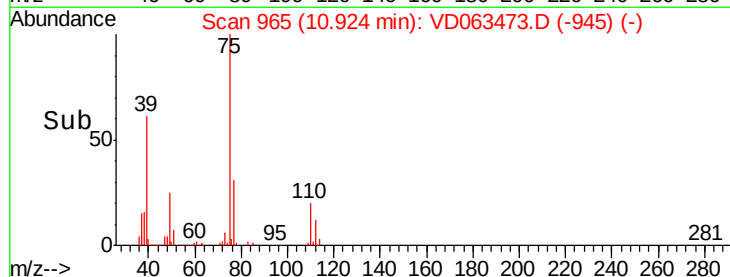
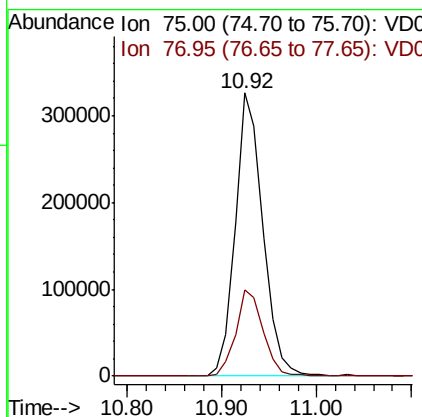
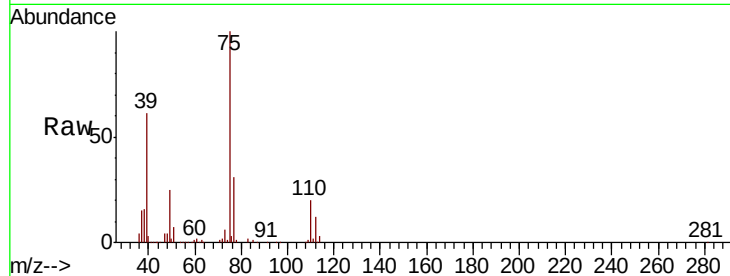




#53
t-1,3-Dichloropropene
Concen: 53.071 ug/l
RT: 10.92 min Scan# 965
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

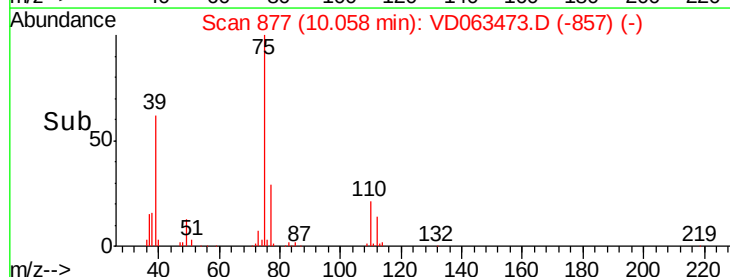
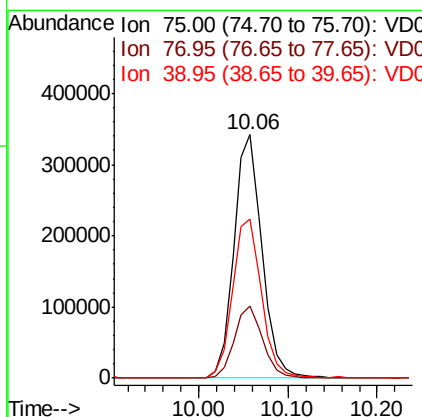
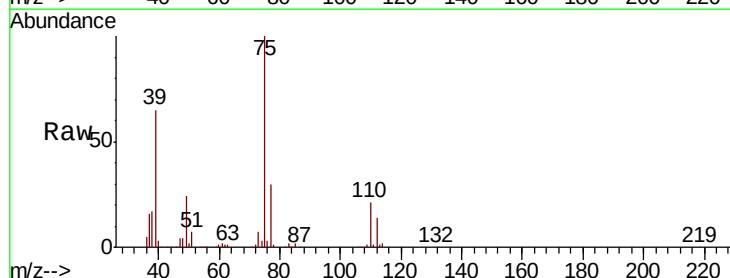
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

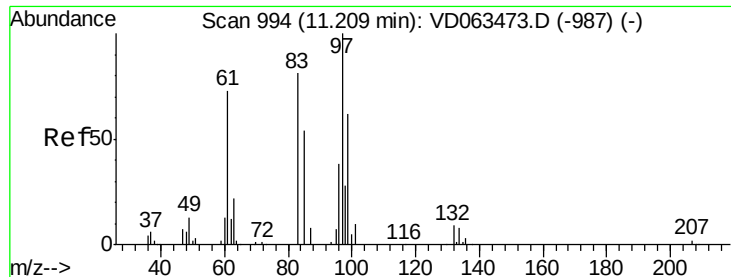
Tgt Ion: 75 Resp: 659537
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.660 ug/l
RT: 10.06 min Scan# 877
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 75 Resp: 751923
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5
39 65.3 52.2 78.4

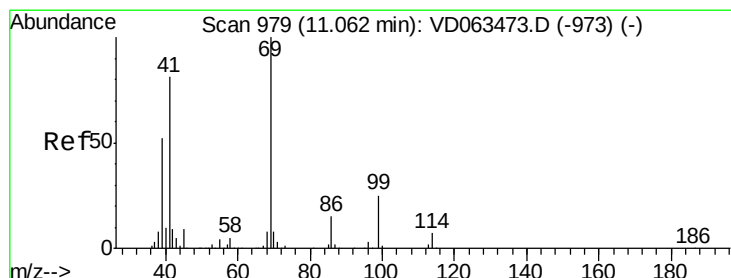
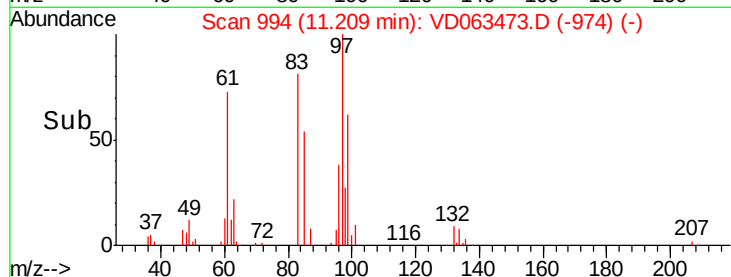
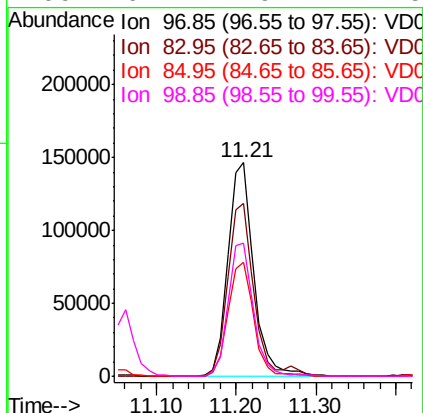
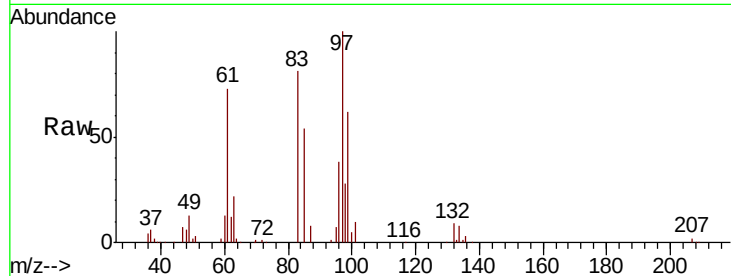




#55
 1,1,2-Trichloroethane
 Concen: 51.213 ug/l
 RT: 11.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

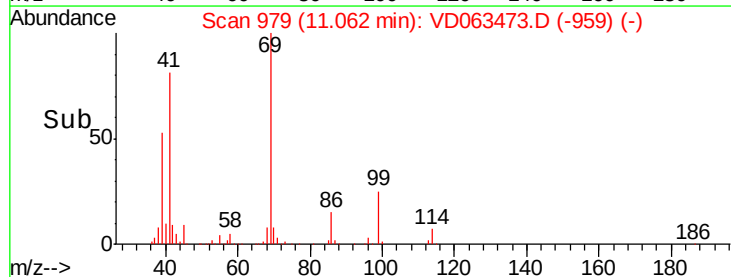
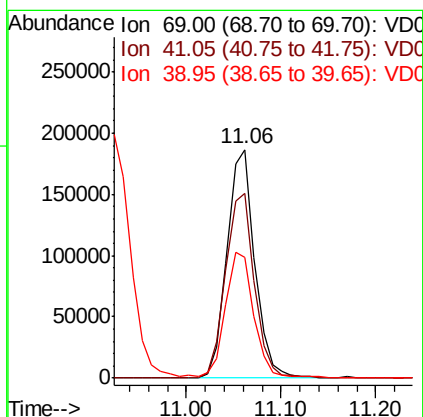
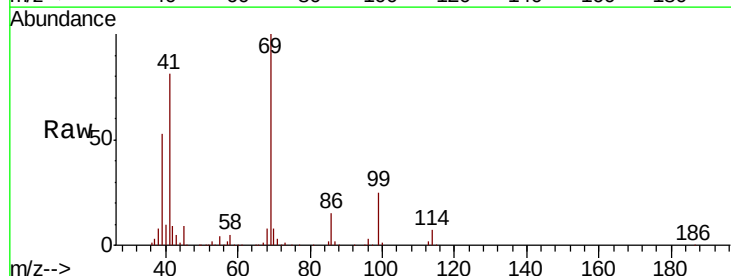
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

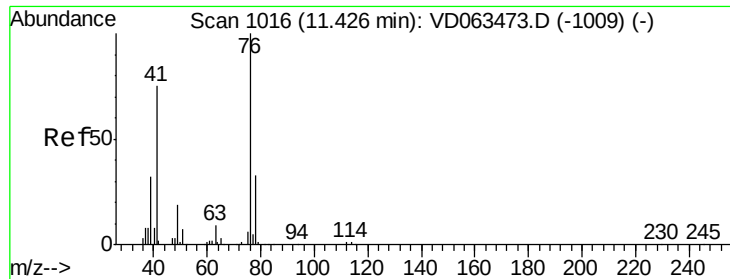
Tgt Ion:	97	Resp:	332615
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.7	97.1
85	53.6	42.9	64.3
99	62.1	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 53.858 ug/l
 RT: 11.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion:	69	Resp:	379664
Ion	Ratio	Lower	Upper
69	100		
41	81.0	64.8	97.2
39	53.0	42.4	63.6

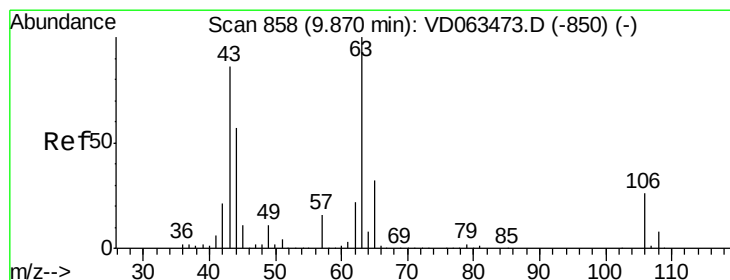
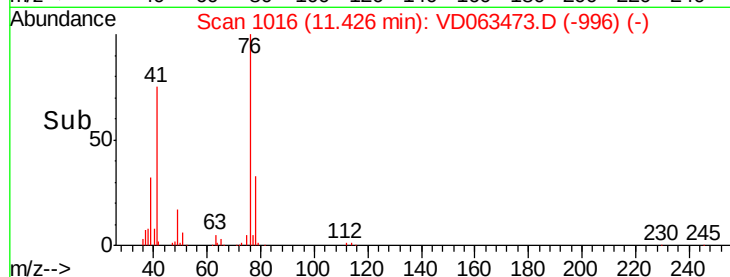
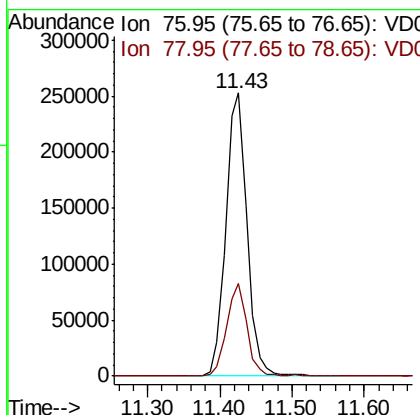
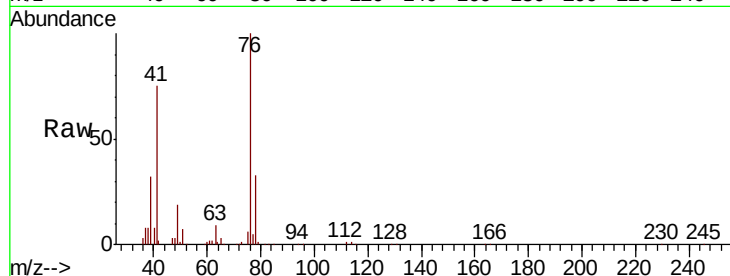




#57
 1,3-Dichloropropane
 Concen: 52.260 ug/l
 RT: 11.43 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

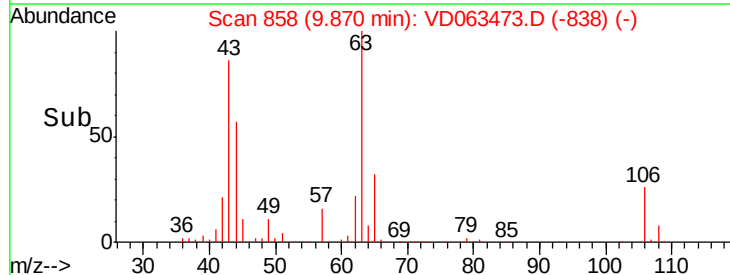
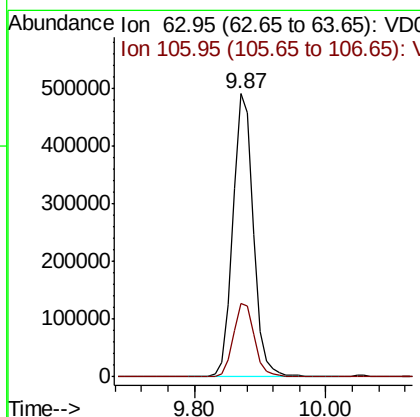
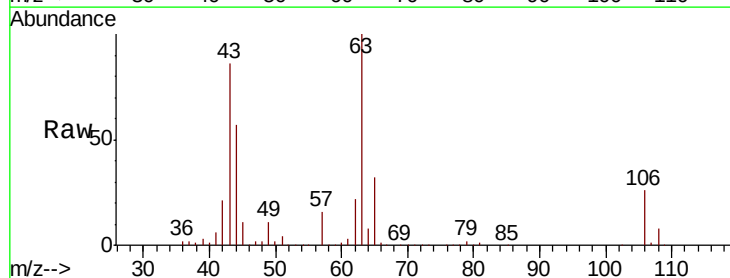
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

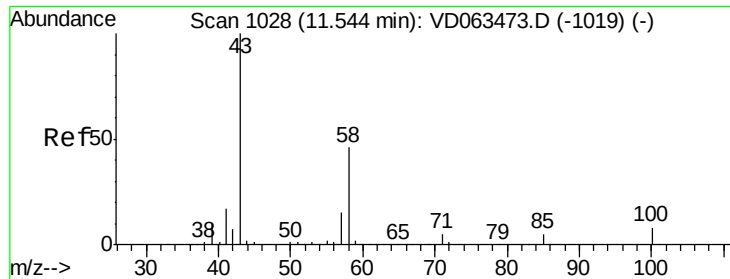
Tgt Ion: 76 Resp: 513061
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.518 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 63 Resp: 1077475
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.8 31.2

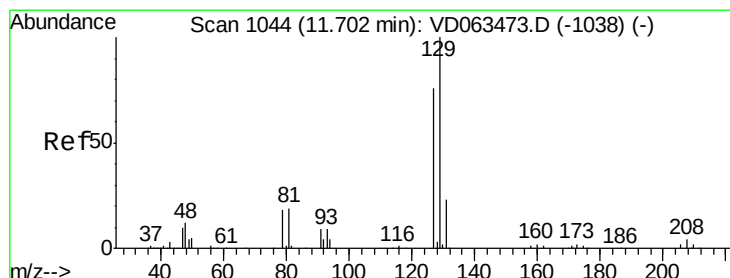
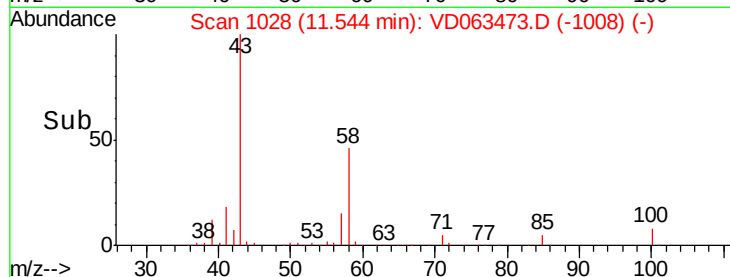
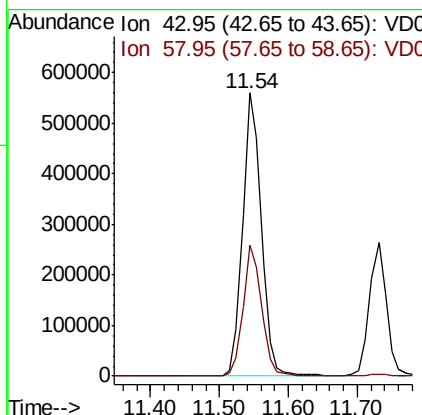
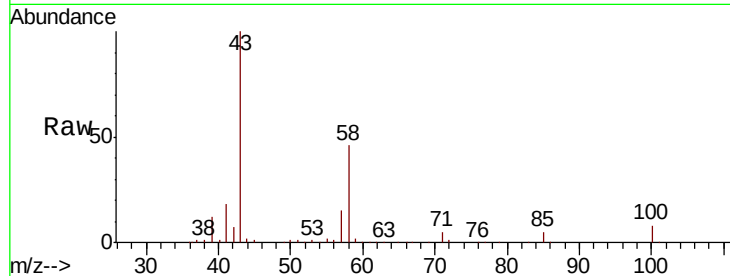




#59
2-Hexanone
Concen: 278.765 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

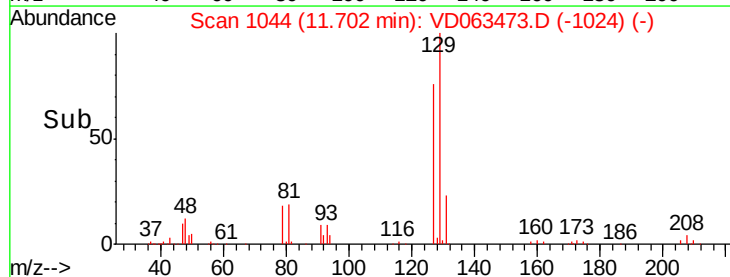
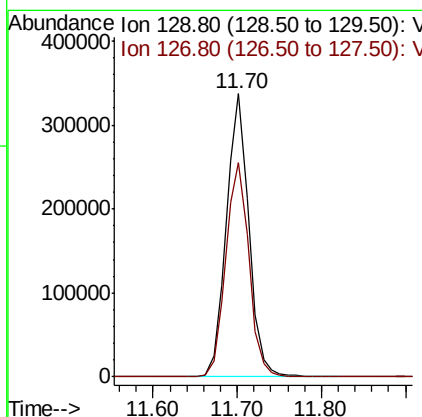
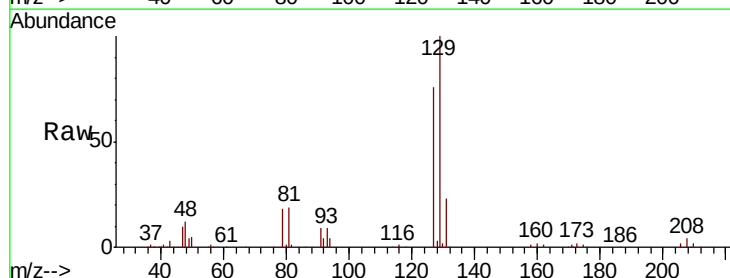
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

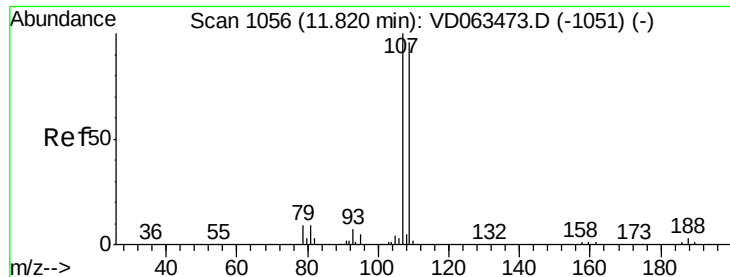
Tgt Ion: 43 Resp: 1056612
Ion Ratio Lower Upper
43 100
58 46.1 23.1 69.2



#60
Dibromochloromethane
Concen: 52.822 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 129 Resp: 624266
Ion Ratio Lower Upper
129 100
127 75.6 37.8 113.4

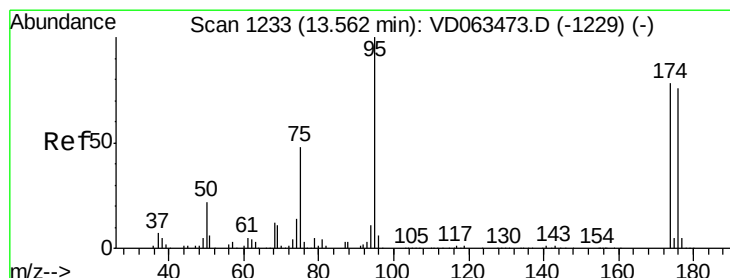
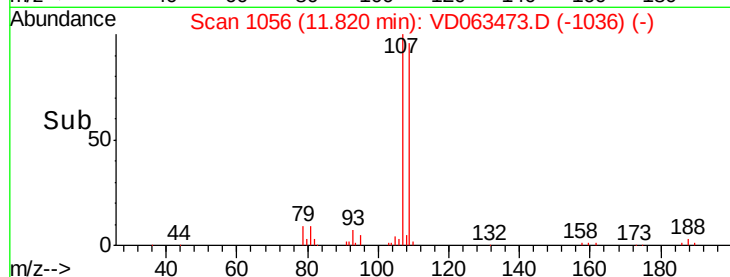
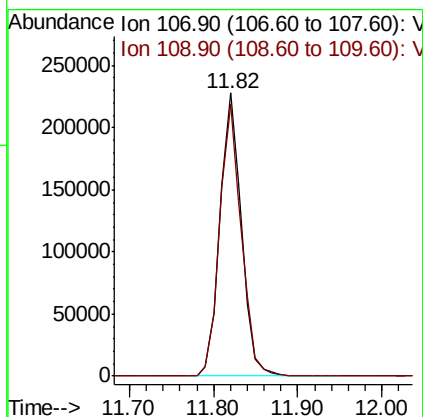
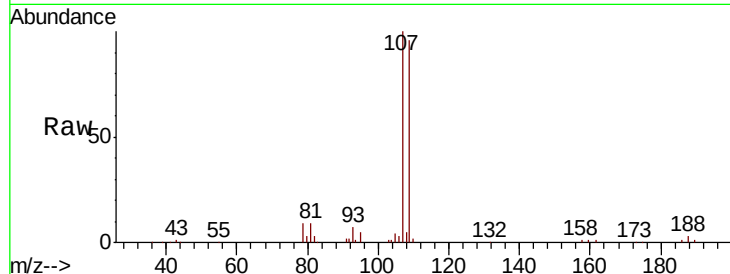




#61
 1,2-Dibromoethane
 Concen: 51.318 ug/l
 RT: 11.82 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

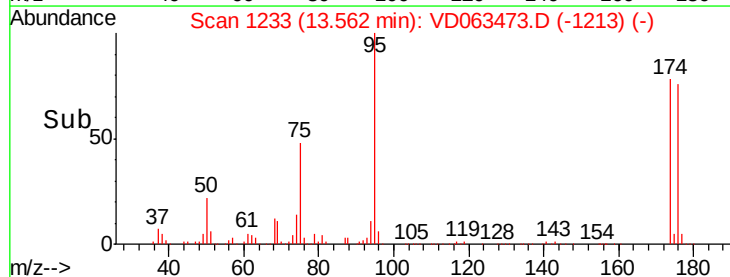
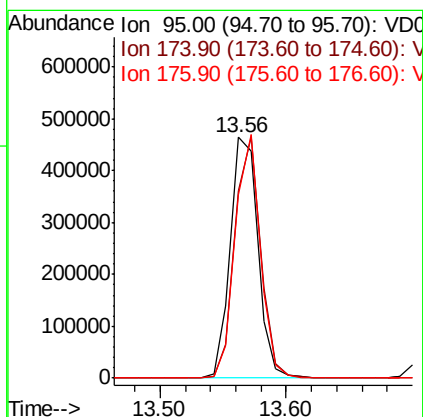
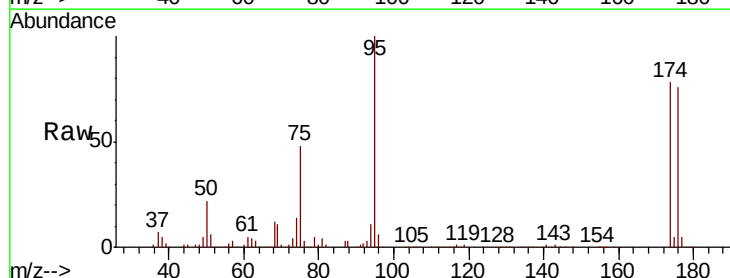
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

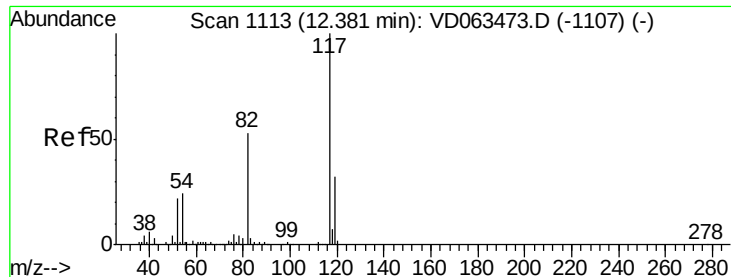
Tgt Ion: 107 Resp: 403482
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 54.471 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 95 Resp: 701444
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 155.4
 176 76.2 0.0 152.4

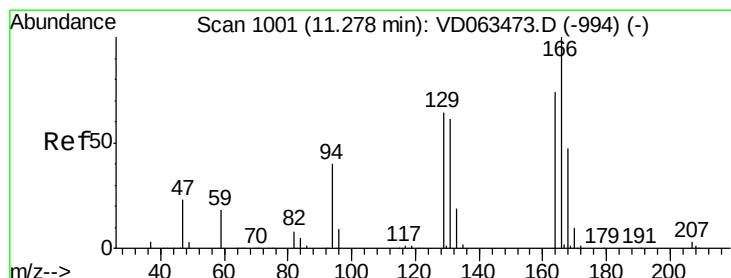
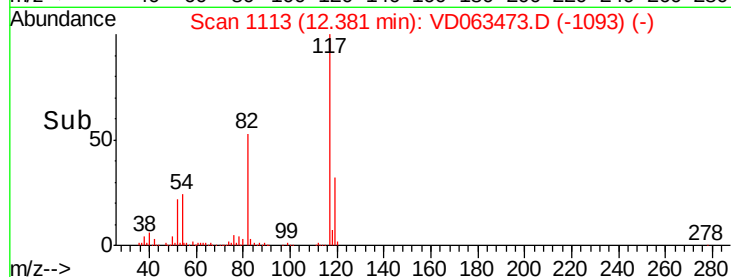
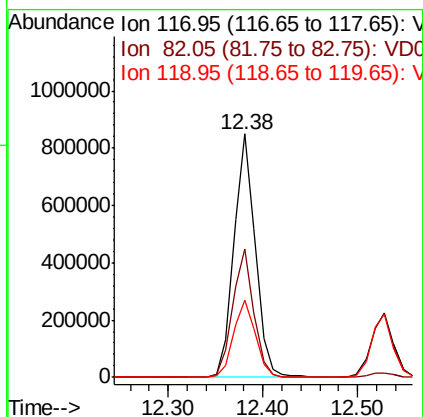
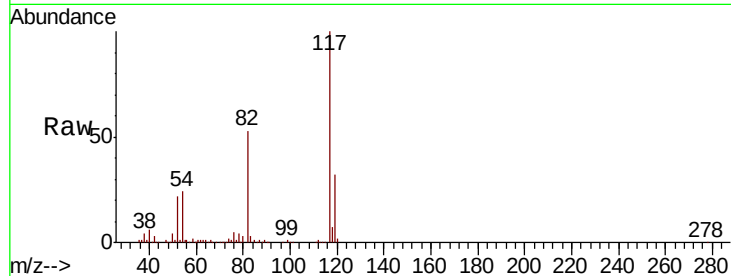




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

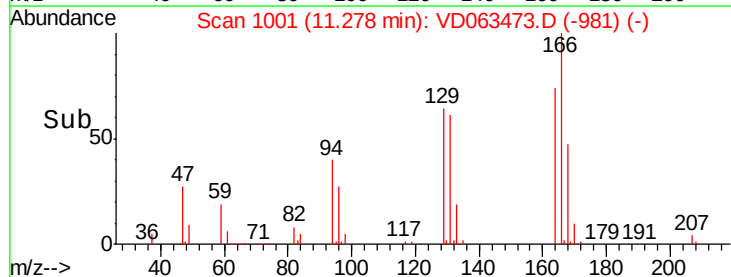
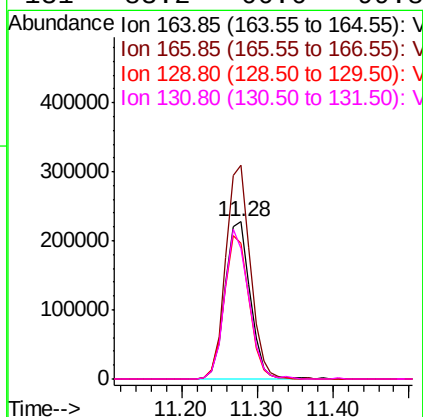
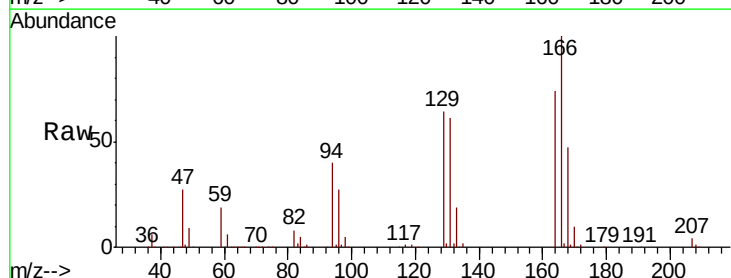
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

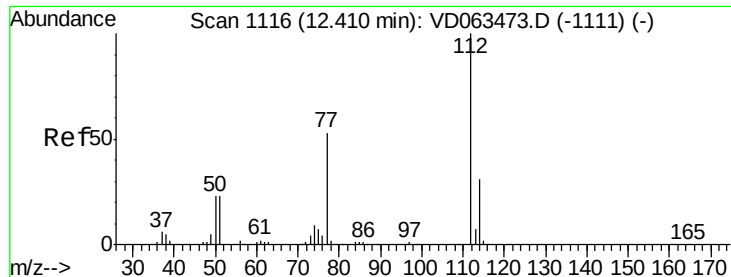
Tgt Ion:117 Resp: 1332056
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 50.597 ug/l
RT: 11.28 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion:164 Resp: 520296
Ion Ratio Lower Upper
164 100
166 135.8 108.6 163.0
129 86.3 69.0 103.6
131 83.2 66.6 99.8

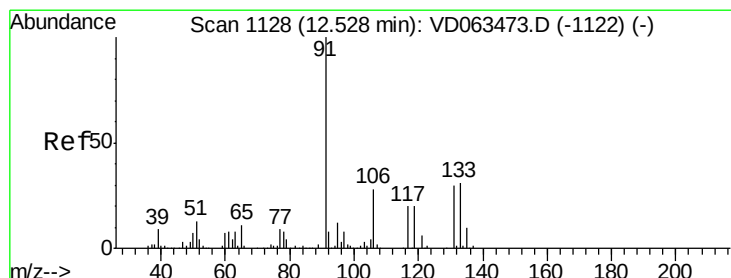
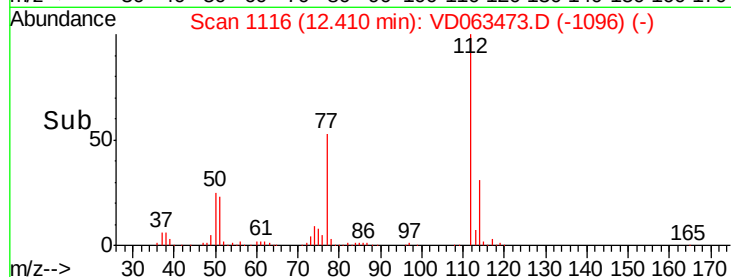
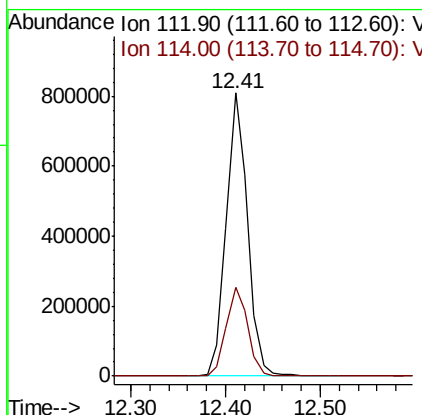
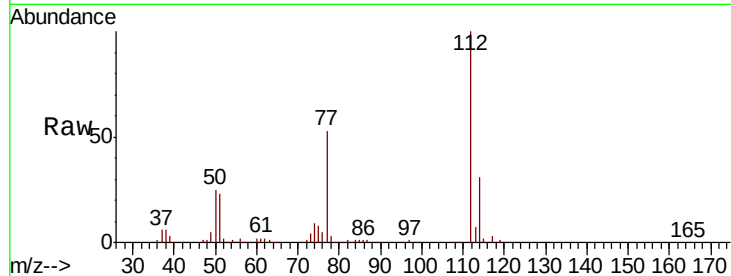




#65
Chlorobenzene
Concen: 50.361 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

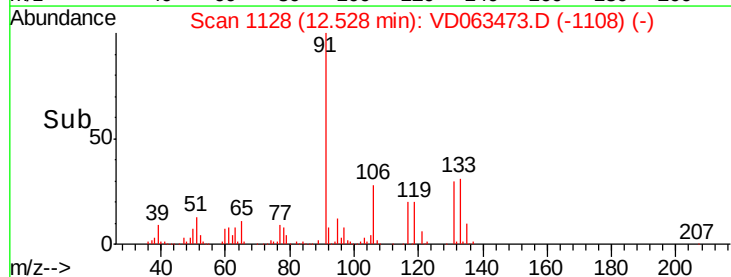
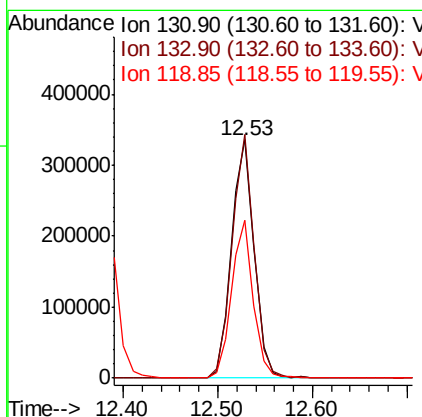
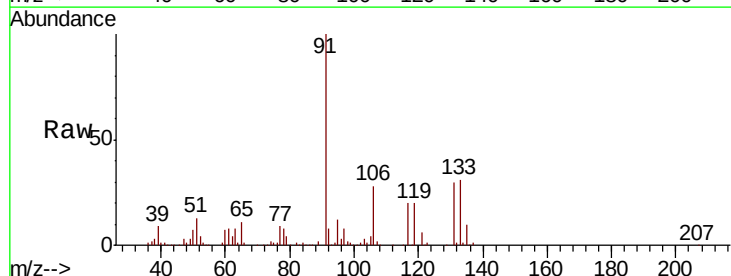
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

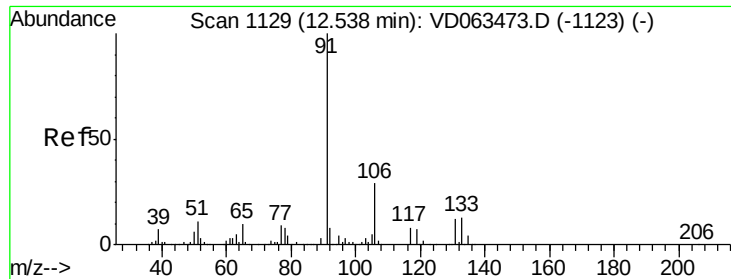
Tgt Ion:112 Resp: 1257297
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.673 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion:131 Resp: 556762
Ion Ratio Lower Upper
131 100
133 102.2 51.1 153.3
119 66.2 33.1 99.3

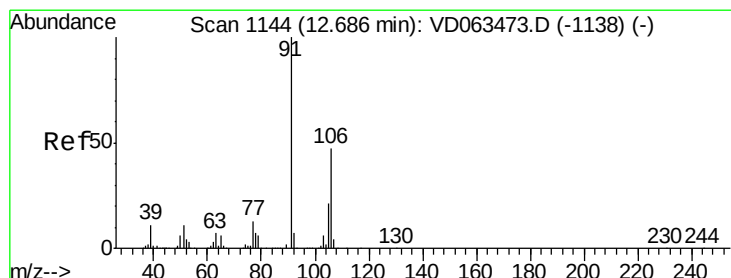
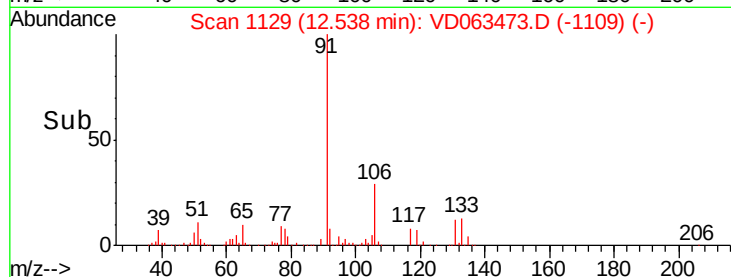
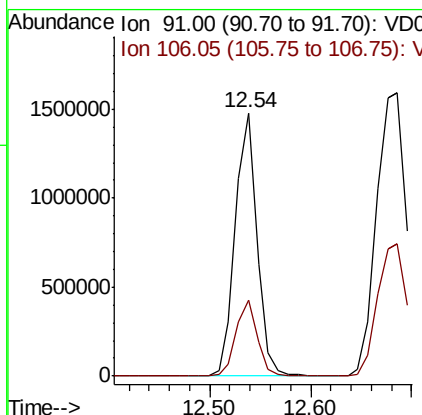
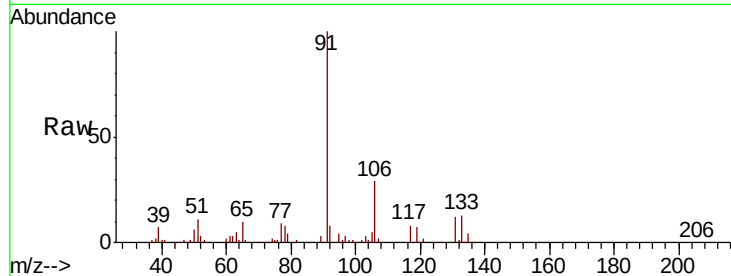




#67
Ethyl Benzene
Concen: 50.994 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

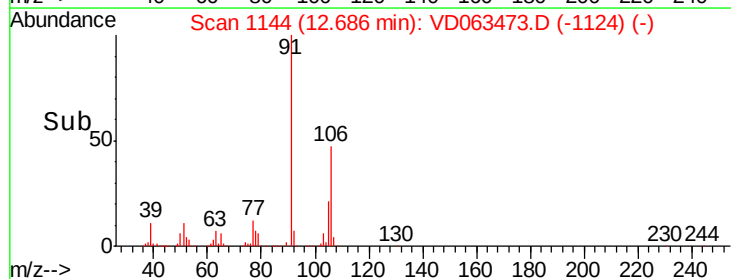
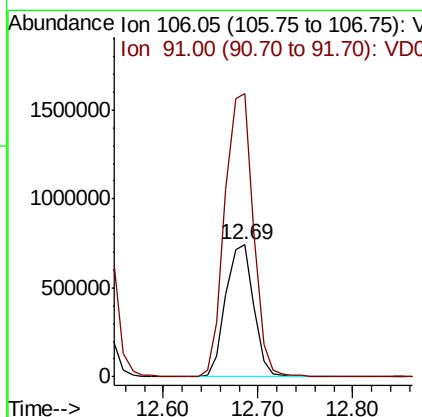
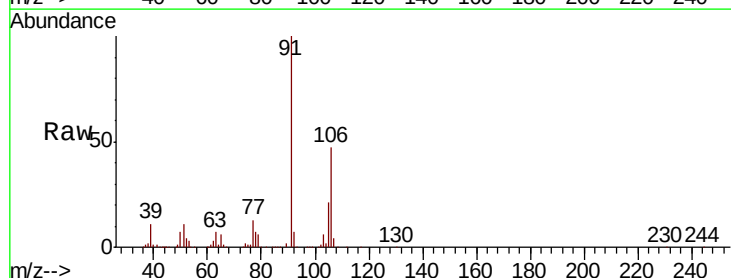
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

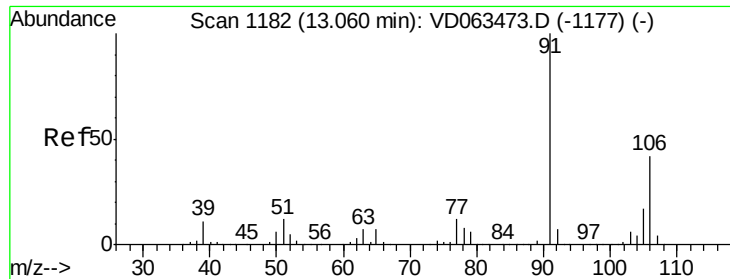
Tgt Ion: 91 Resp: 2213637
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7



#68
m/p-Xylenes
Concen: 99.496 ug/l
RT: 12.69 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion: 106 Resp: 1517434
Ion Ratio Lower Upper
106 100
91 214.8 171.8 257.8

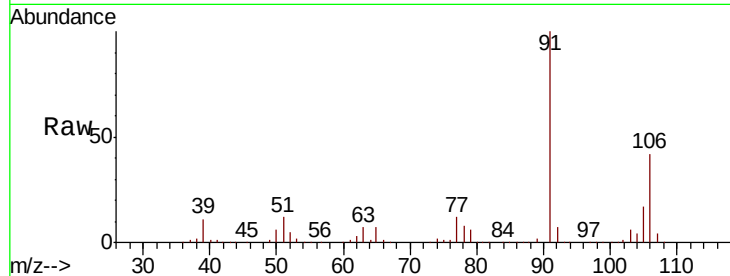




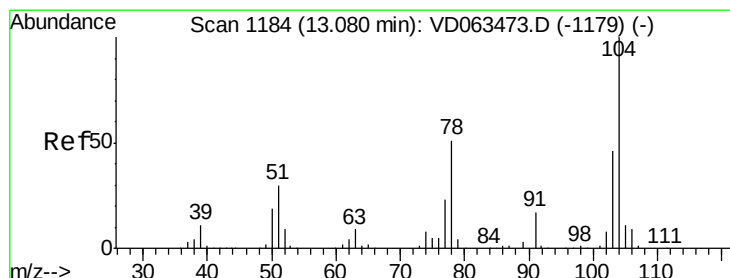
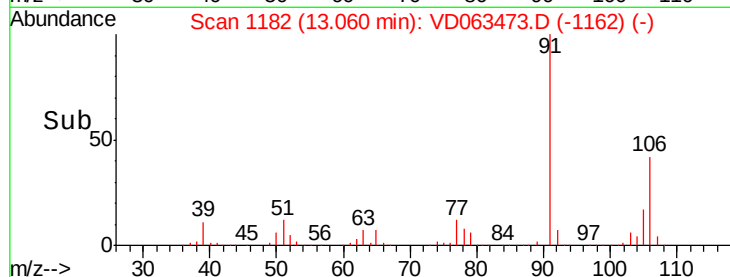
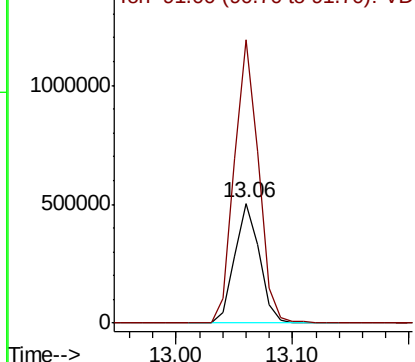
#69
o-Xylene
Concen: 50.797 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 745627
Ion Ratio Lower Upper
106 100
91 236.1 118.1 354.2

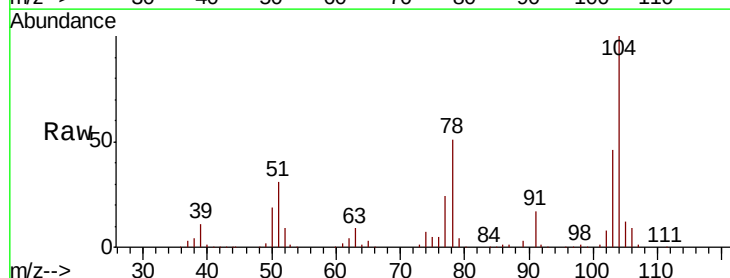


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

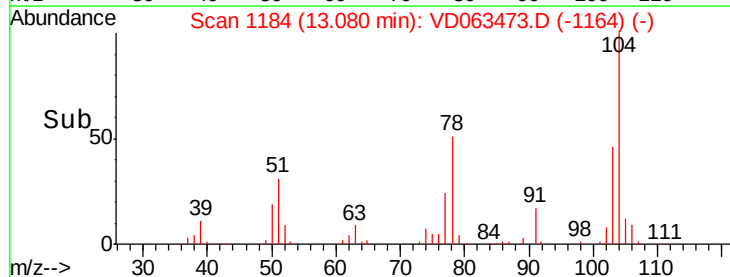
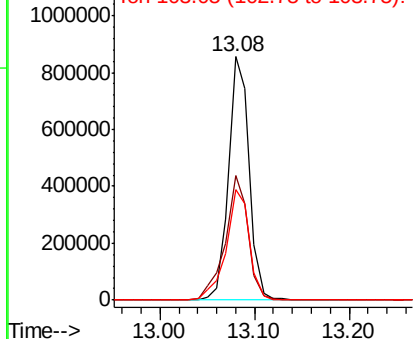


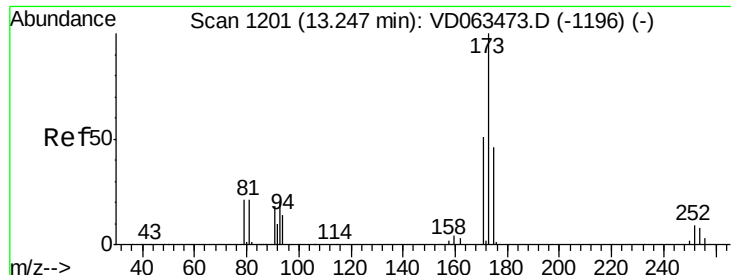
#70
Styrene
Concen: 49.390 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion:104 Resp: 1289578
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 45.5 36.4 54.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V

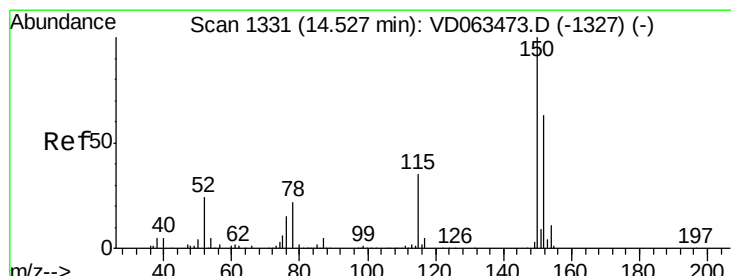
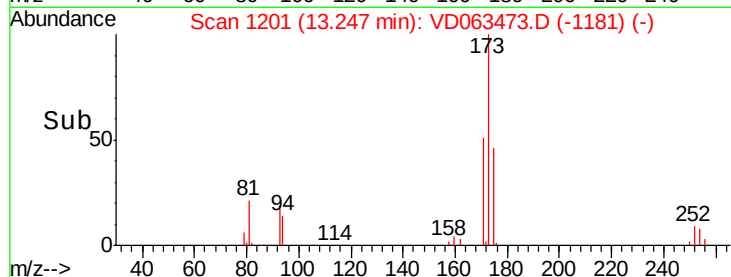
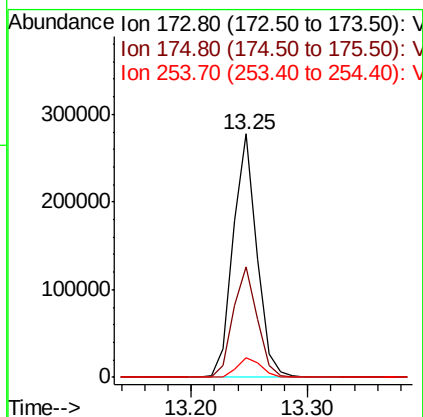
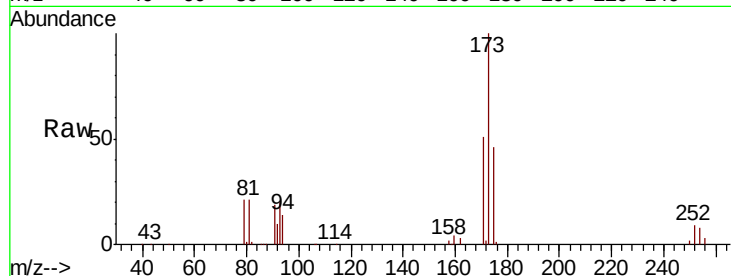




#71
Bromoform
Concen: 51.898 ug/l
RT: 13.25 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

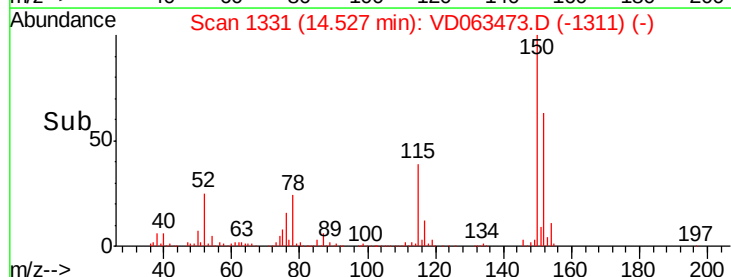
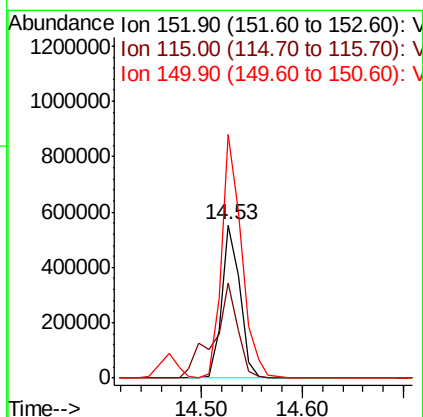
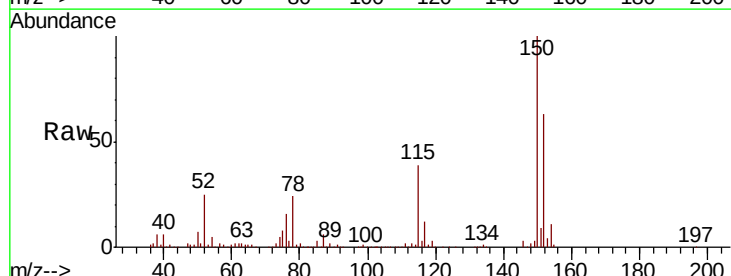
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

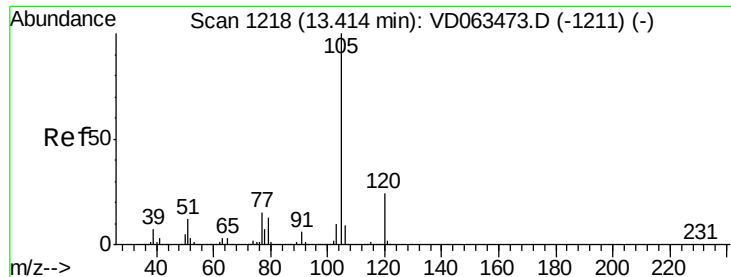
Tgt Ion:173 Resp: 390999
Ion Ratio Lower Upper
173 100
175 45.5 22.8 68.3
254 8.2 6.6 9.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion:152 Resp: 697628
Ion Ratio Lower Upper
152 100
115 61.8 30.9 92.7
150 159.3 0.0 318.6





#73

Isopropylbenzene

Concen: 52.654 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

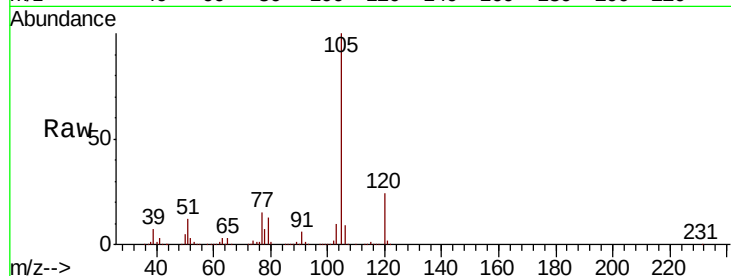
VSTDICCC050

Tgt Ion: 105 Resp: 2336397

Ion Ratio Lower Upper

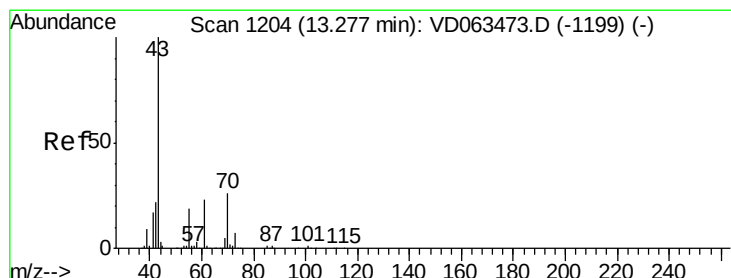
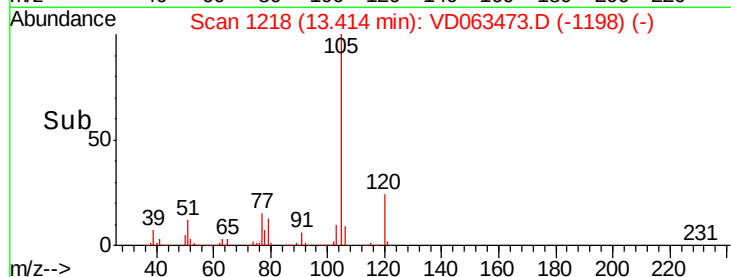
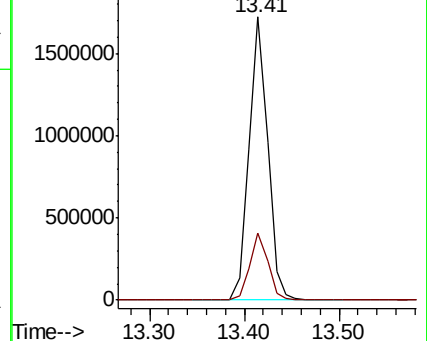
105 100

120 23.9 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 52.379 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Tgt Ion: 43 Resp: 583446

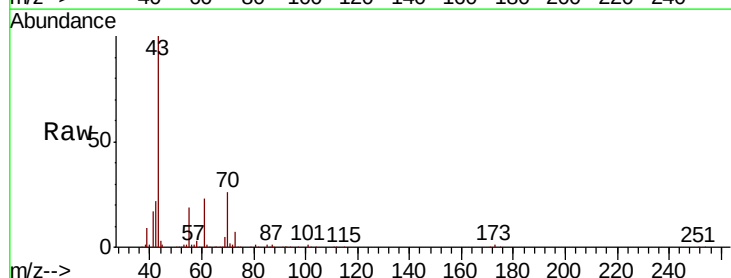
Ion Ratio Lower Upper

43 100

70 26.4 21.1 31.7

55 19.2 15.4 23.0

61 22.7 18.2 27.2

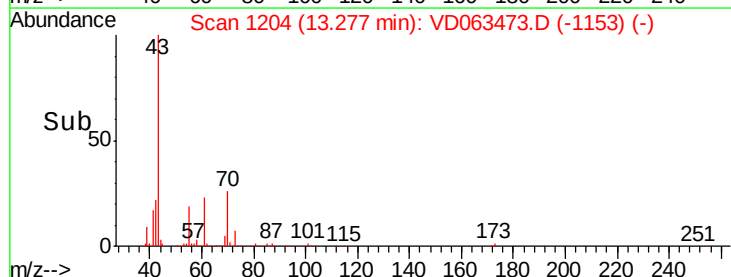
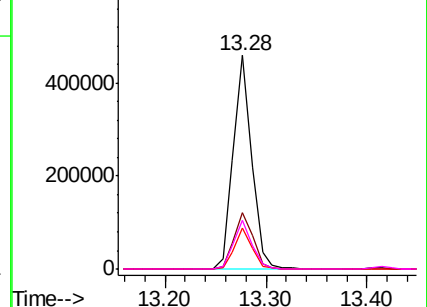


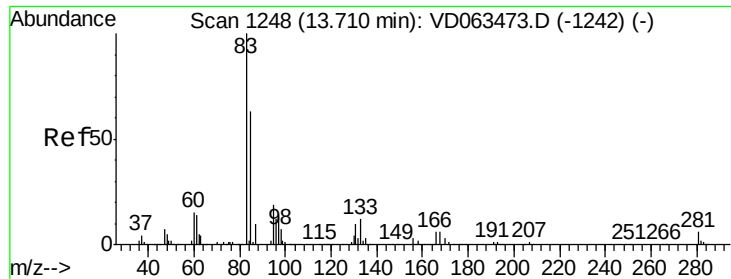
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.925 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

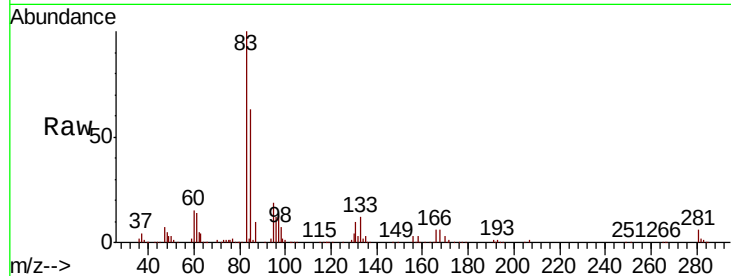
Tgt Ion: 83 Resp: 382430

Ion Ratio Lower Upper

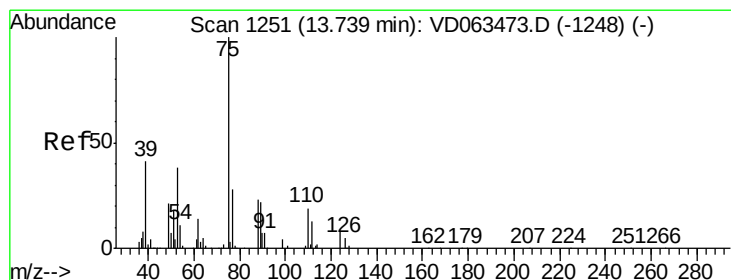
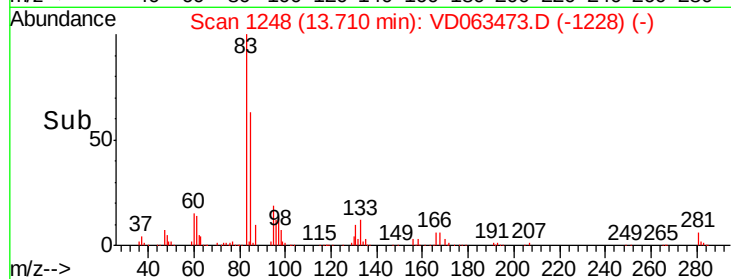
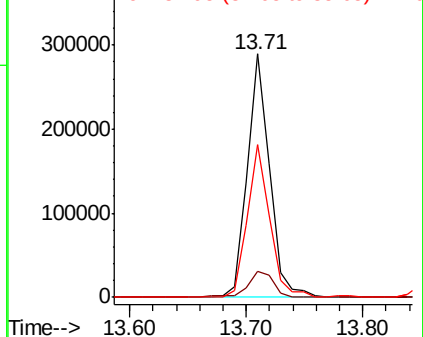
83 100

131 10.5 5.3 15.8

85 62.9 31.4 94.3



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 51.665 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VD063473.D

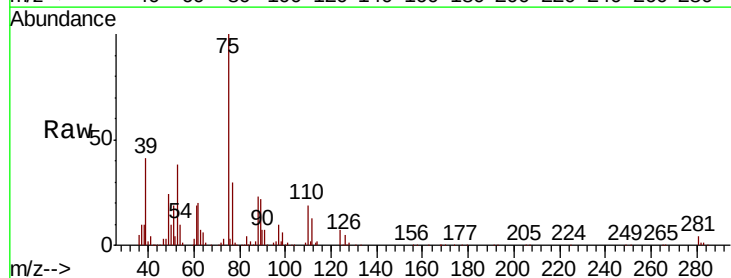
Acq: 9 Aug 2019 14:56

Tgt Ion: 75 Resp: 413654

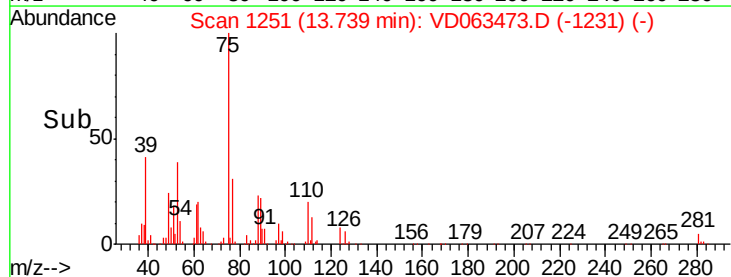
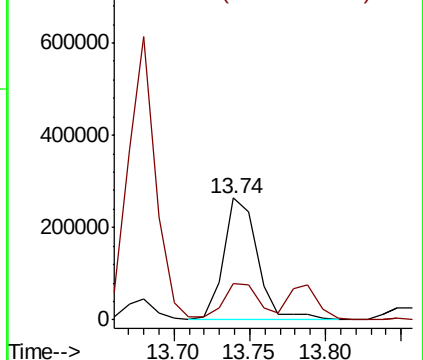
Ion Ratio Lower Upper

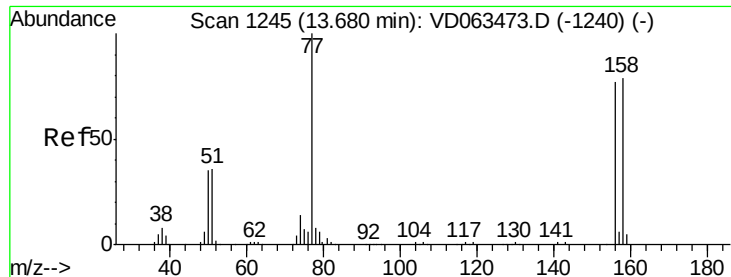
75 100

77 30.2 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 50.381 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

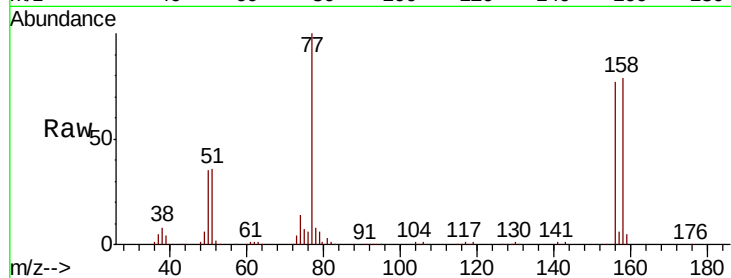
Tgt Ion:156 Resp: 610986

Ion Ratio Lower Upper

156 100

77 129.2 64.6 193.8

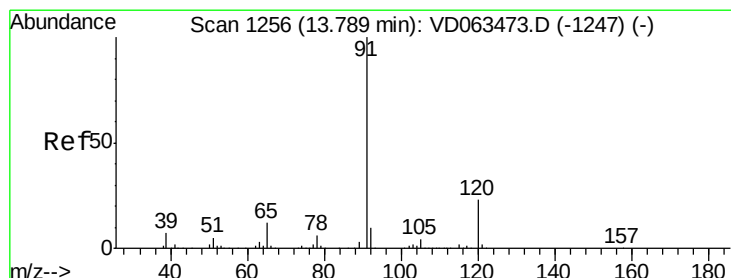
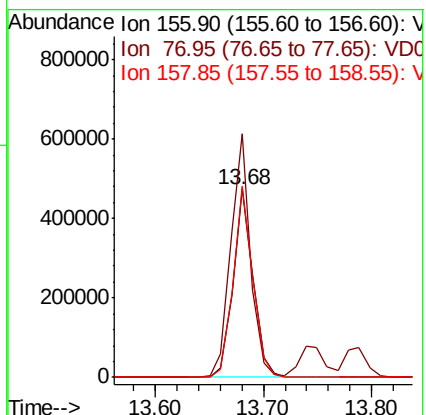
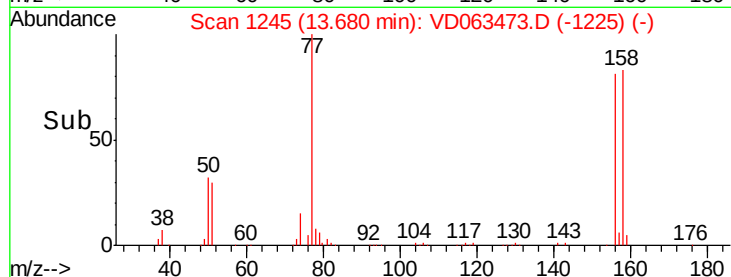
158 101.8 50.9 152.7



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 50.307 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VD063473.D

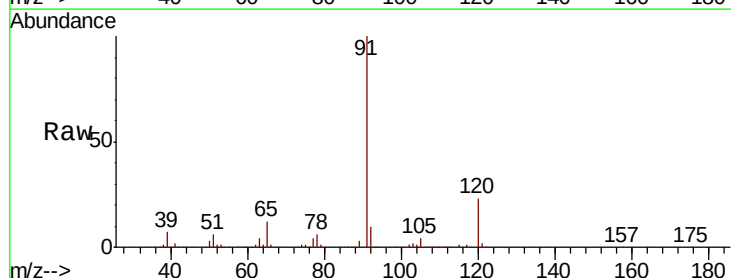
Acq: 9 Aug 2019 14:56

Tgt Ion: 91 Resp: 2611864

Ion Ratio Lower Upper

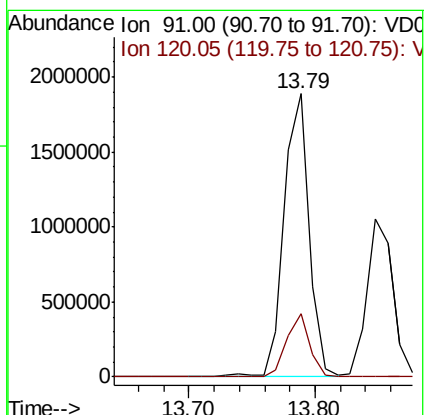
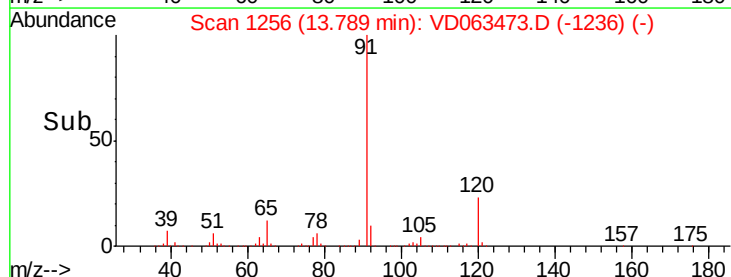
91 100

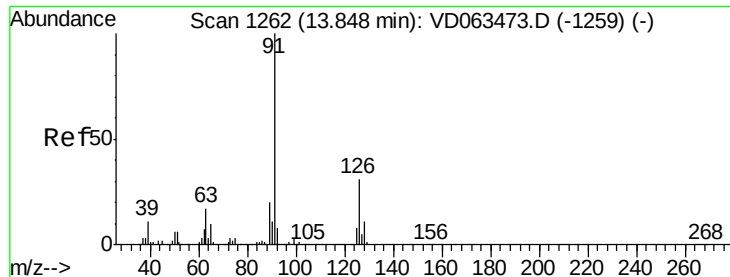
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

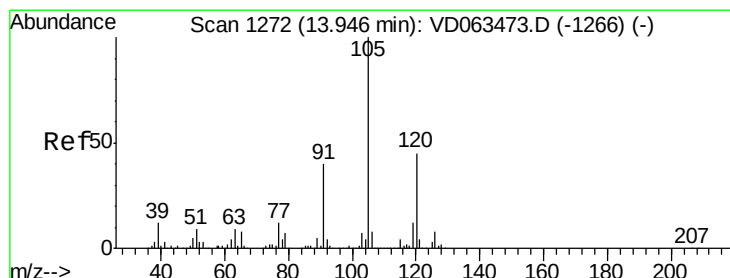
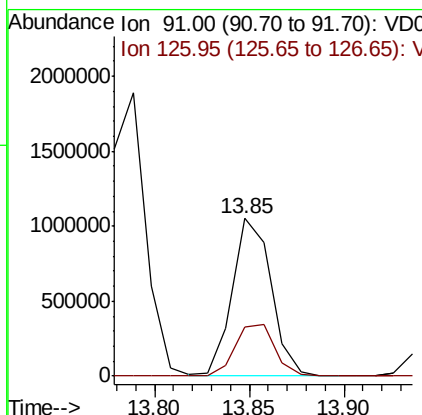
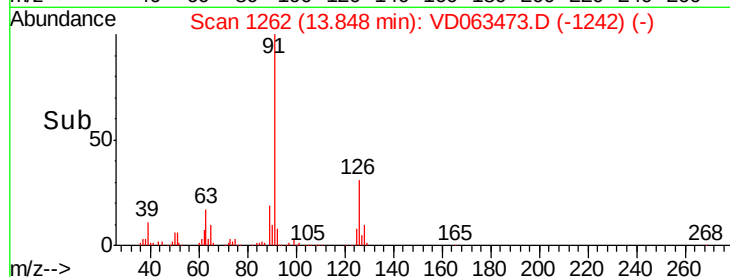
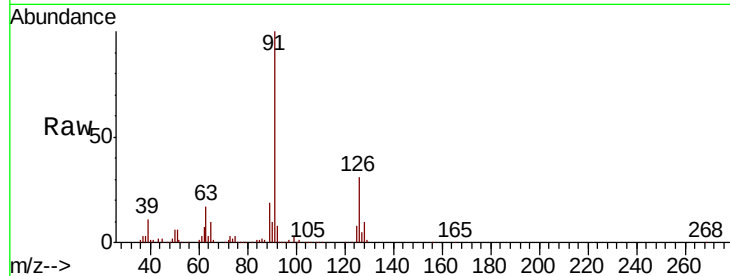




#79
 2-Chlorotoluene
 Concen: 49.760 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

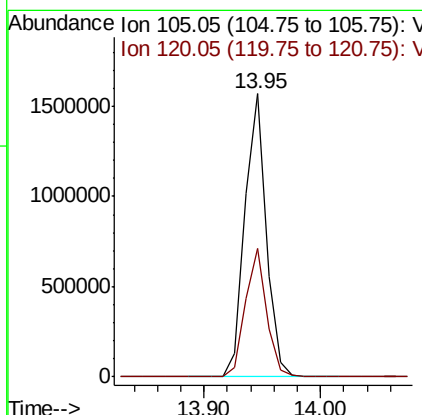
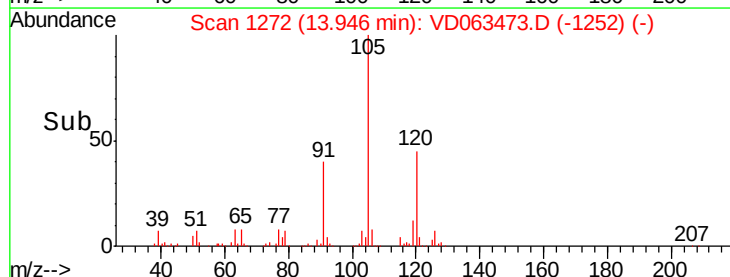
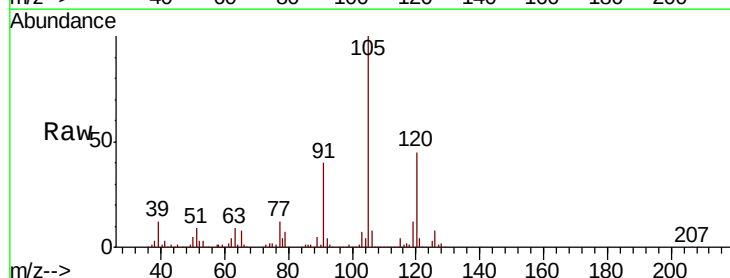
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

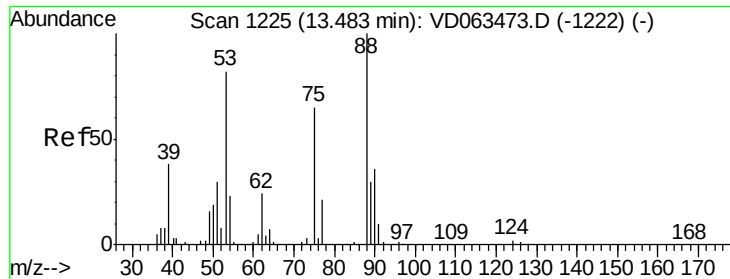
Tgt Ion: 91 Resp: 1489371
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.537 ug/l
 RT: 13.95 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 105 Resp: 1998093
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.723 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

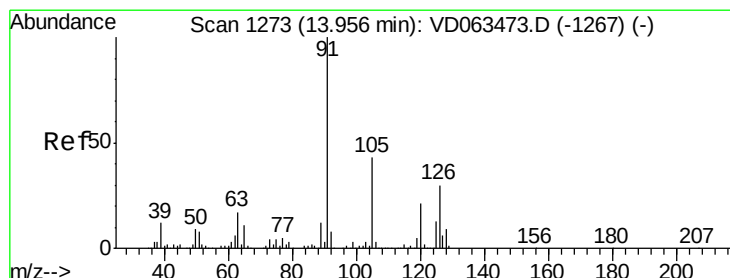
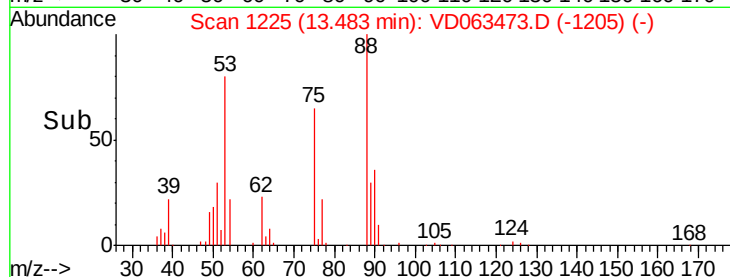
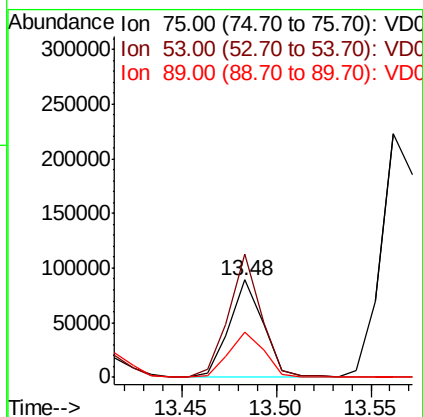
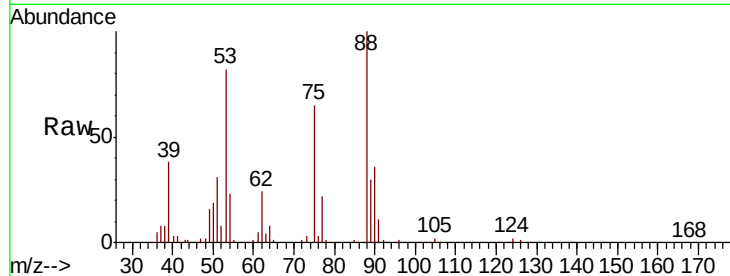
Tgt Ion: 75 Resp: 111304

Ion Ratio Lower Upper

75 100

53 126.2 101.0 151.4

89 46.3 37.0 55.6



#82

4-Chlorotoluene

Concen: 50.725 ug/l

RT: 13.96 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VD063473.D

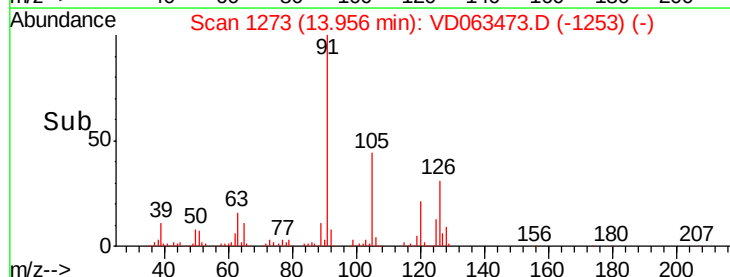
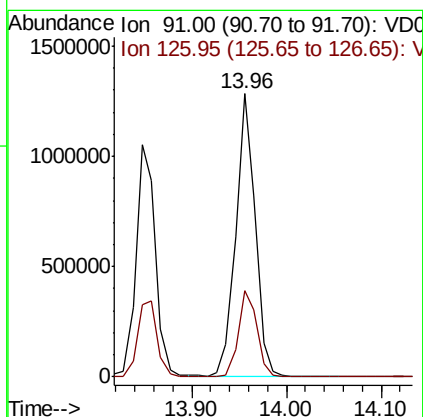
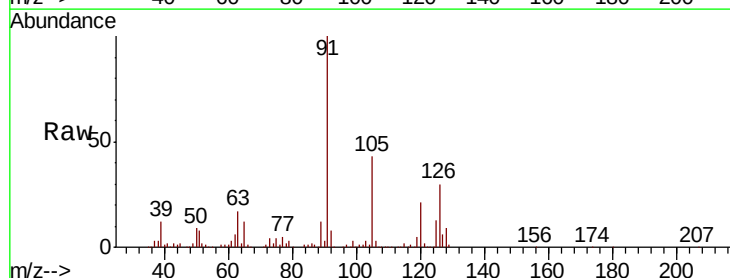
Acq: 9 Aug 2019 14:56

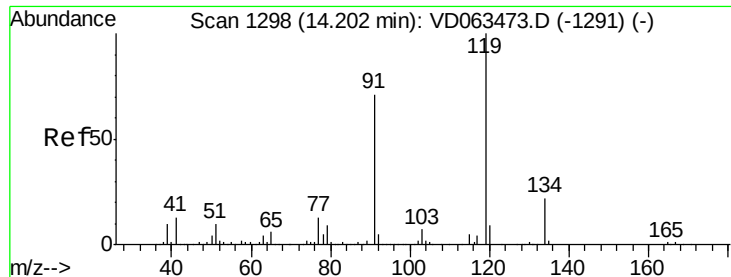
Tgt Ion: 91 Resp: 1825935

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.6

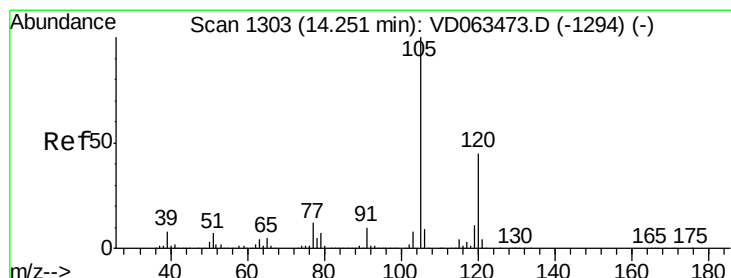
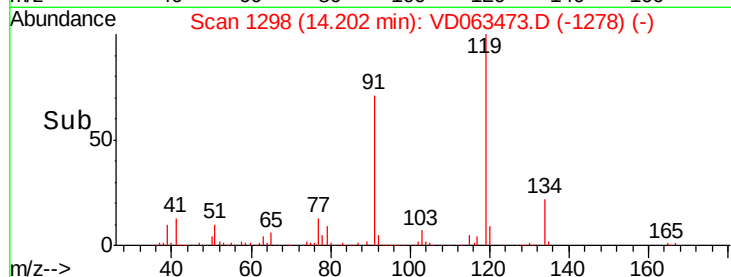
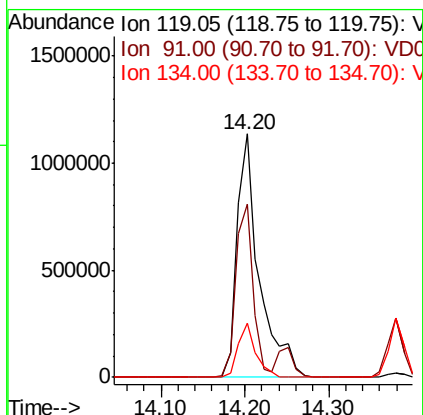
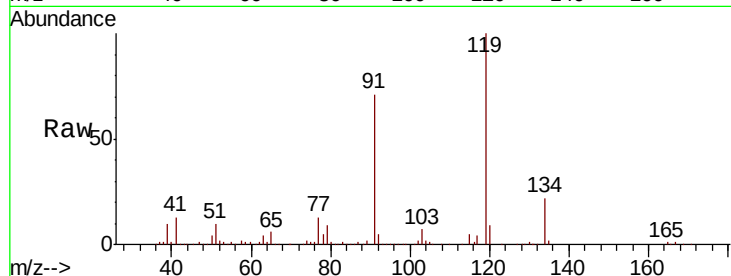




#83
 tert-Butylbenzene
 Concen: 51.061 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

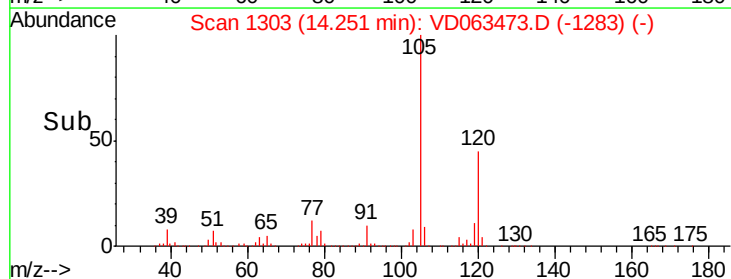
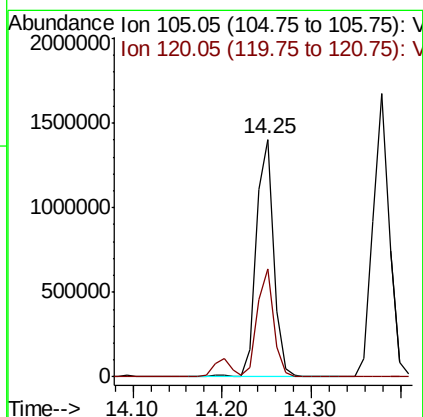
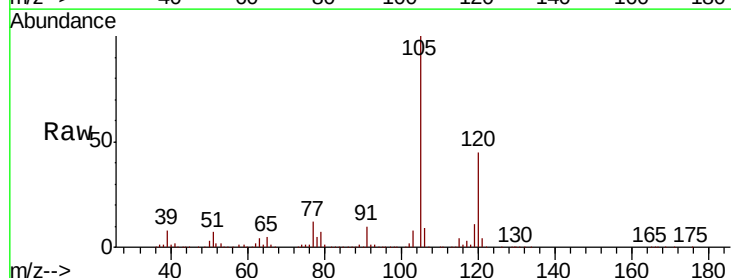
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

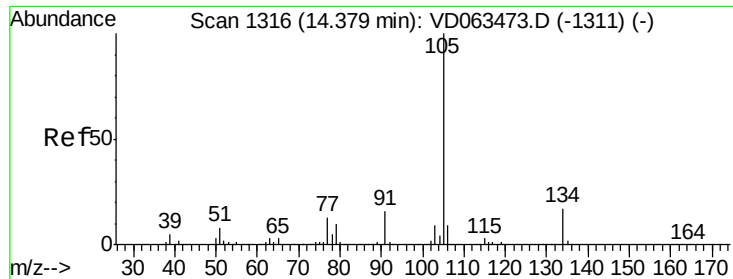
Tgt Ion:119 Resp: 2084633
 Ion Ratio Lower Upper
 119 100
 91 71.1 35.5 106.7
 134 22.1 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.142 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion:105 Resp: 1870475
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

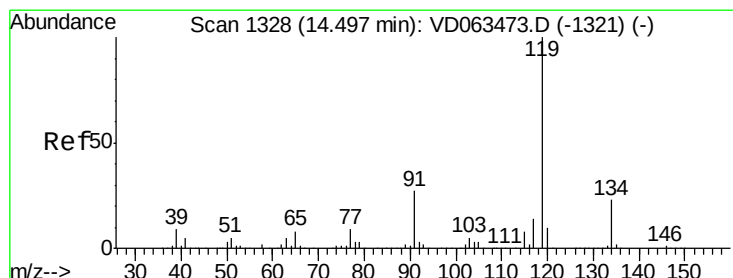
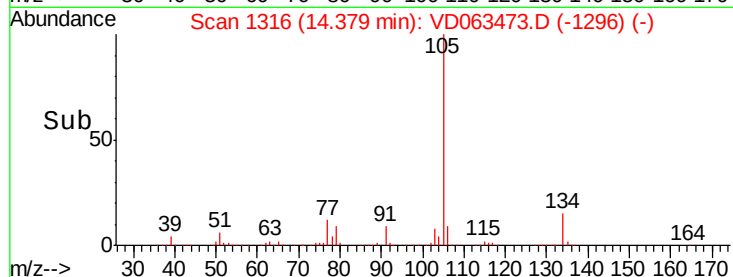
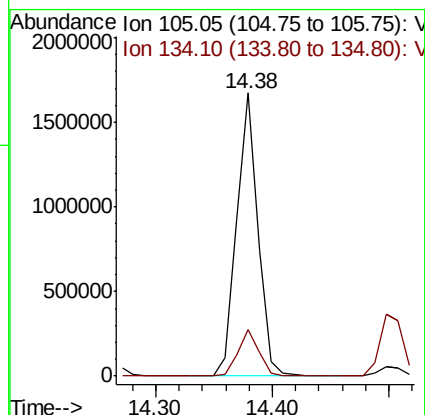
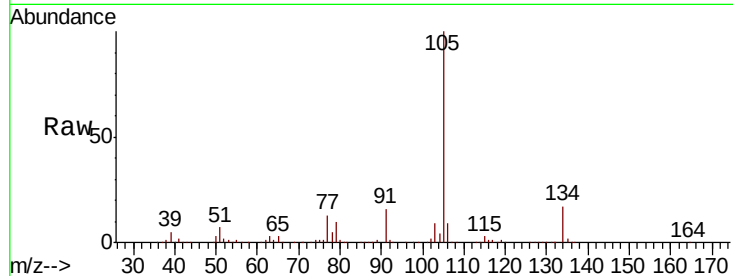




#85
 sec-Butylbenzene
 Concen: 48.488 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

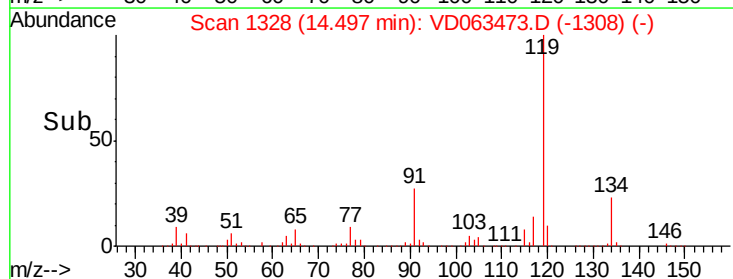
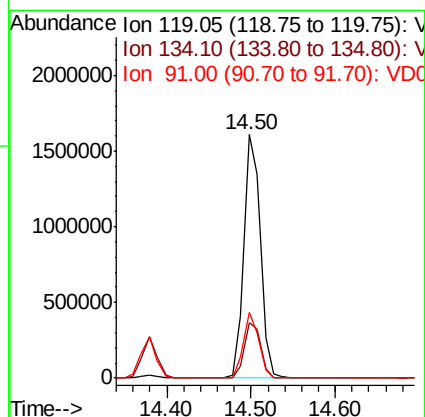
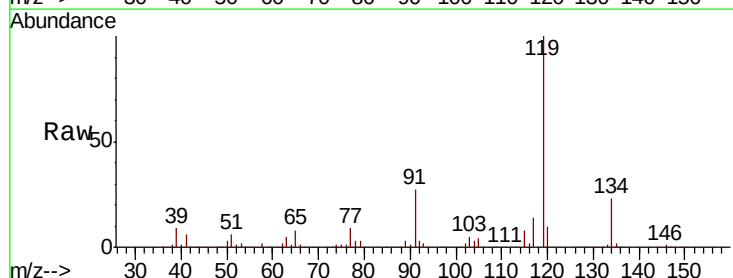
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

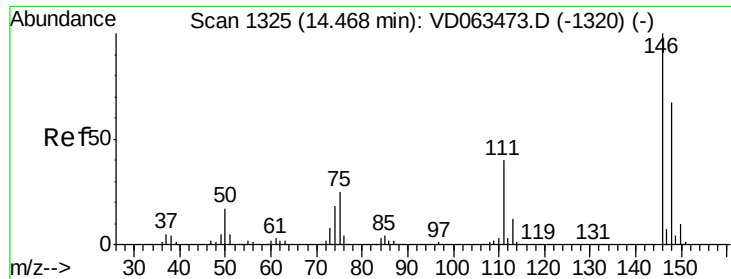
Tgt Ion:105 Resp: 2102276
 Ion Ratio Lower Upper
 105 100
 134 16.5 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 52.704 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion:119 Resp: 2184898
 Ion Ratio Lower Upper
 119 100
 134 22.5 11.3 33.8
 91 26.9 13.5 40.4

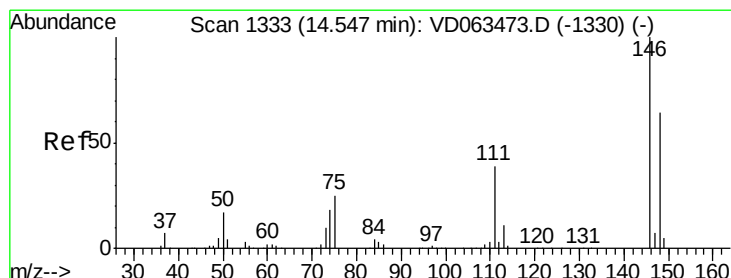
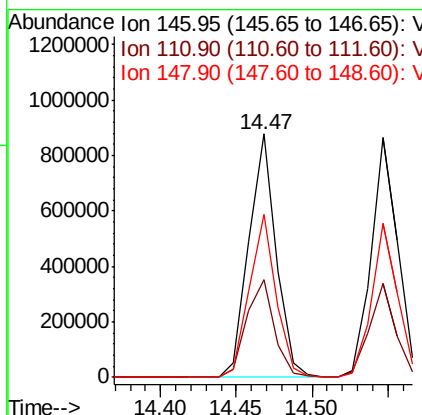
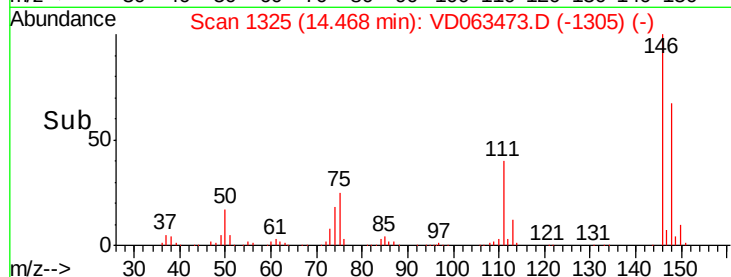
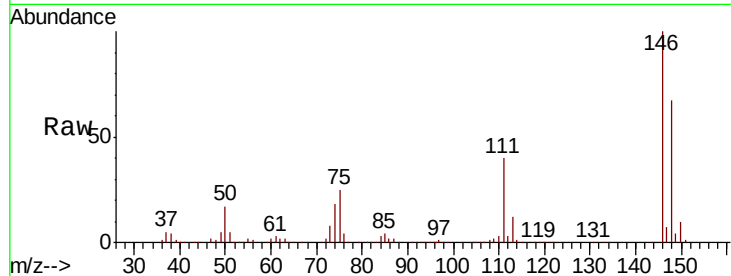




#87
 1,3-Dichlorobenzene
 Concen: 50.271 ug/l
 RT: 14.47 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

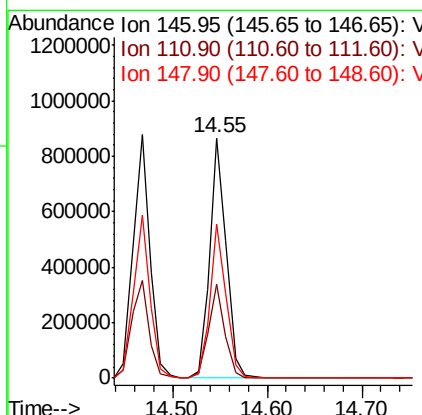
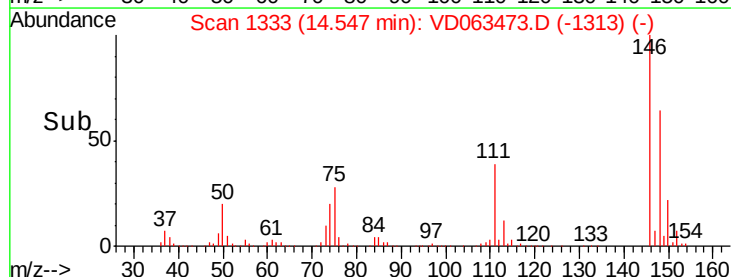
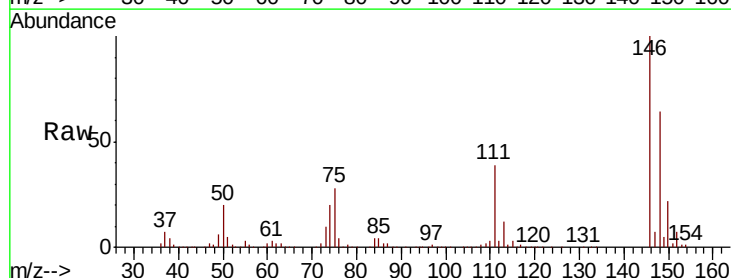
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

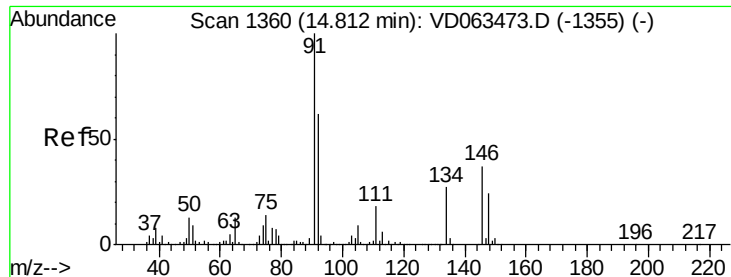
Tgt Ion:146 Resp: 1102748
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 67.1 33.6 100.6



#88
 1,4-Dichlorobenzene
 Concen: 50.632 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion:146 Resp: 1065584
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 49.055 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VD063473.D

Acq: 9 Aug 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

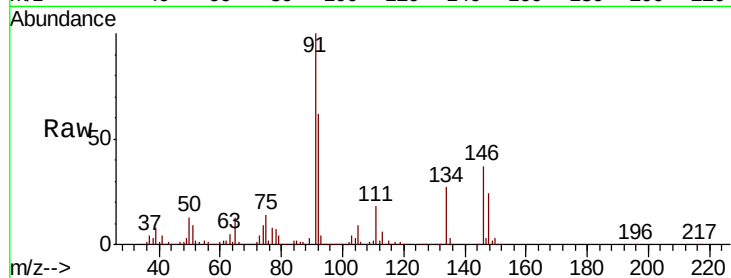
Tgt Ion: 91 Resp: 1856026

Ion Ratio Lower Upper

91 100

92 61.5 30.8 92.3

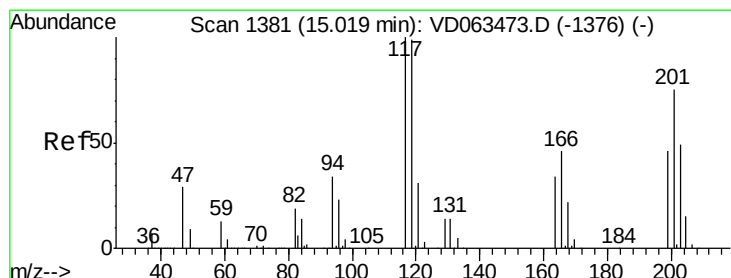
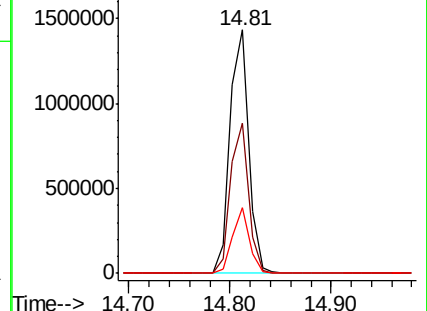
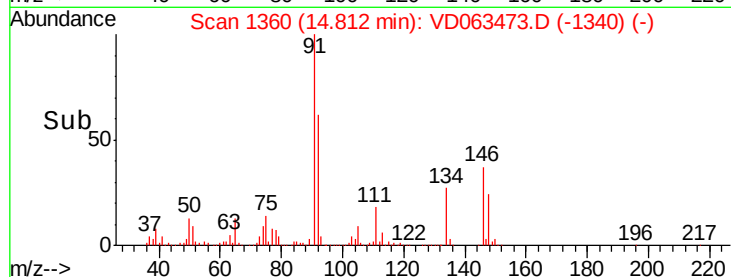
134 26.8 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 50.422 ug/l

RT: 15.02 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VD063473.D

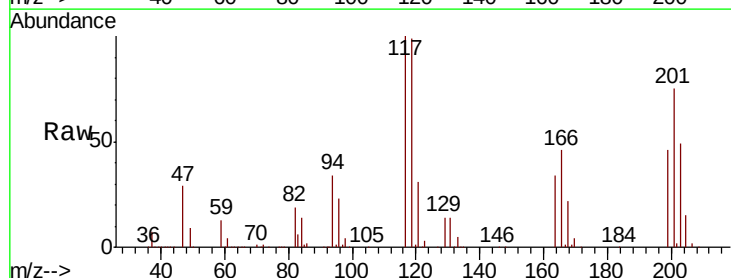
Acq: 9 Aug 2019 14:56

Tgt Ion: 117 Resp: 525388

Ion Ratio Lower Upper

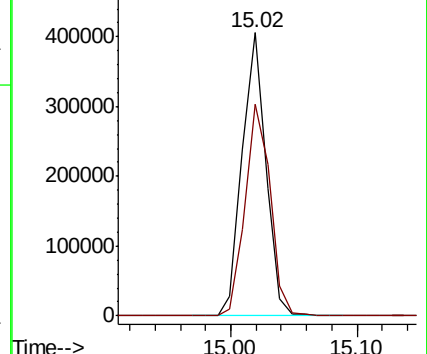
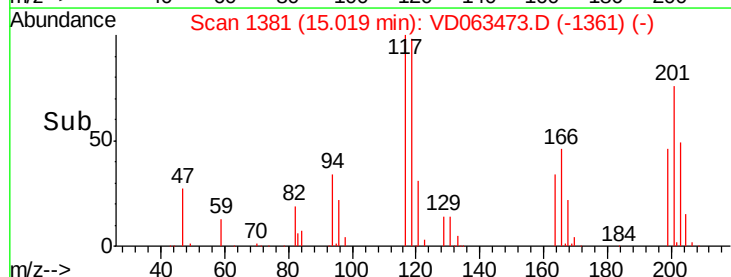
117 100

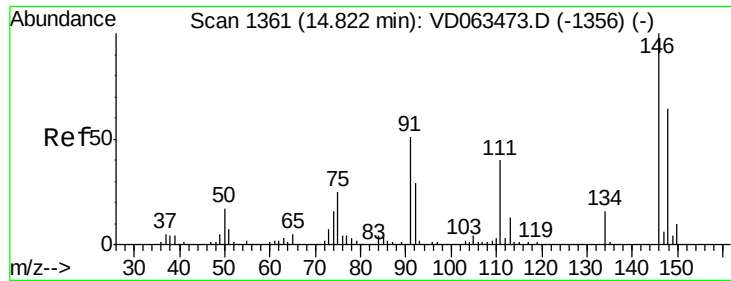
201 75.0 37.5 112.5



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

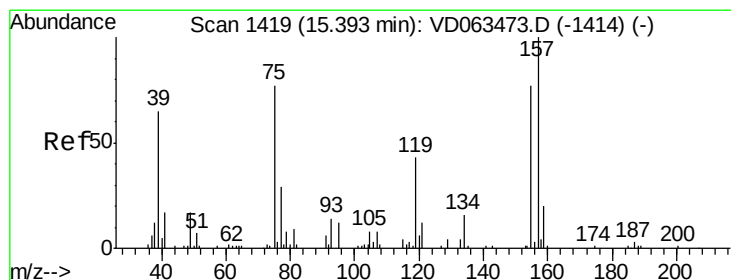
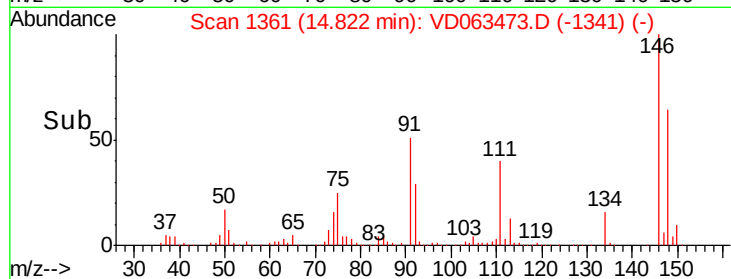
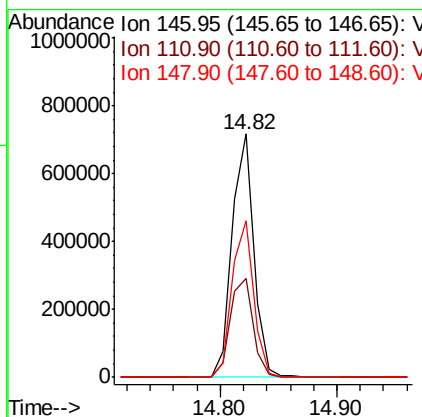
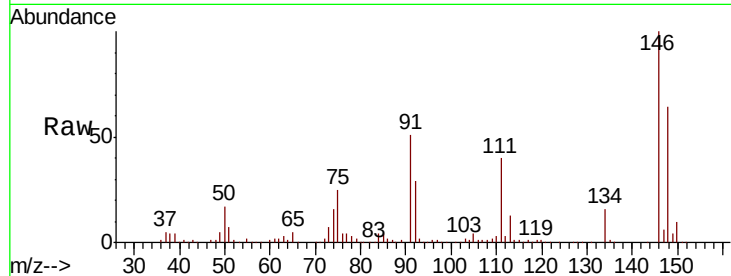




#91
 1,2-Dichlorobenzene
 Concen: 49.797 ug/l
 RT: 14.82 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

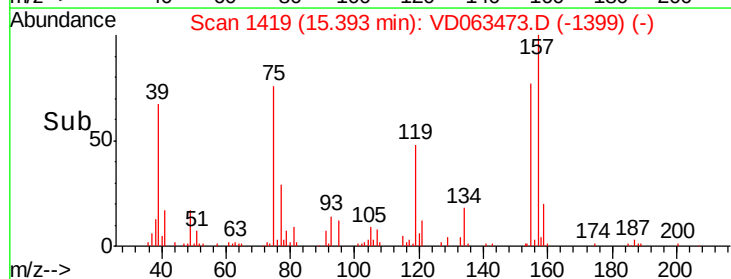
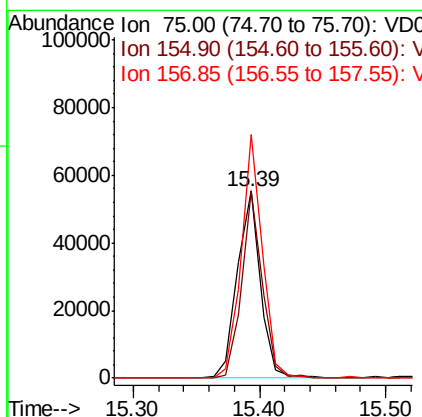
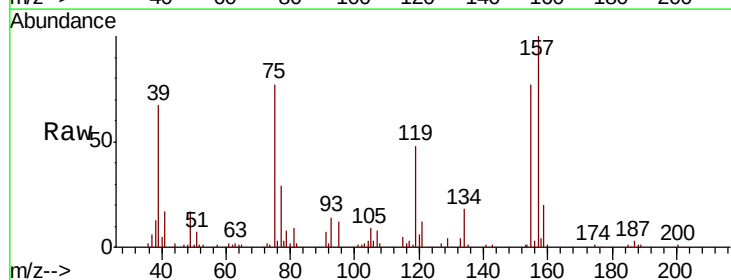
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

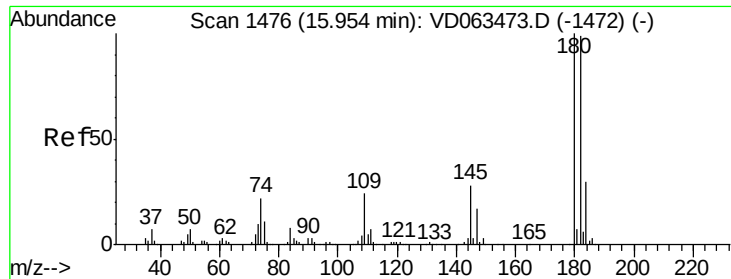
Tgt Ion:146 Resp: 926777
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.795 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion: 75 Resp: 69056
 Ion Ratio Lower Upper
 75 100
 155 100.2 50.1 150.3
 157 130.1 65.0 195.1

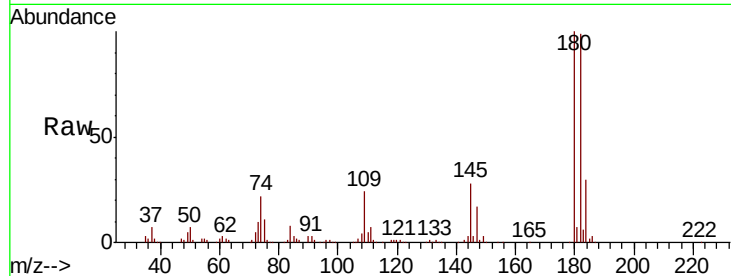




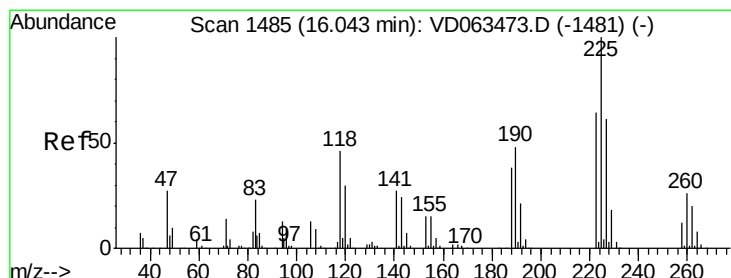
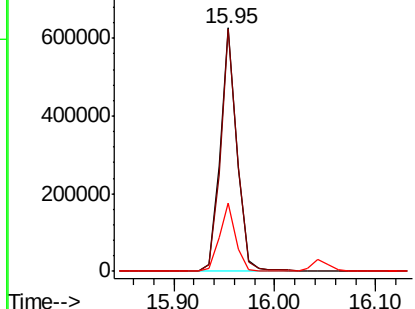
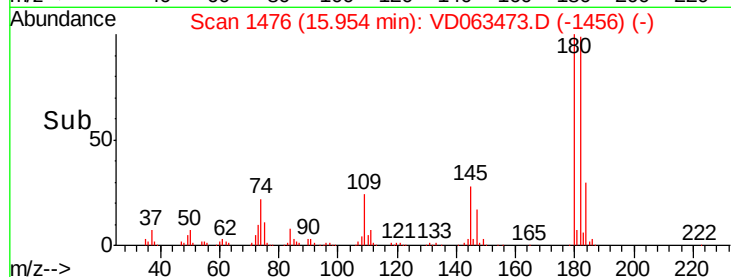
#93
 1,2,4-Trichlorobenzene
 Concen: 53.301 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 729929
 Ion Ratio Lower Upper
 180 100
 182 99.4 49.7 149.1
 145 28.1 14.1 42.2

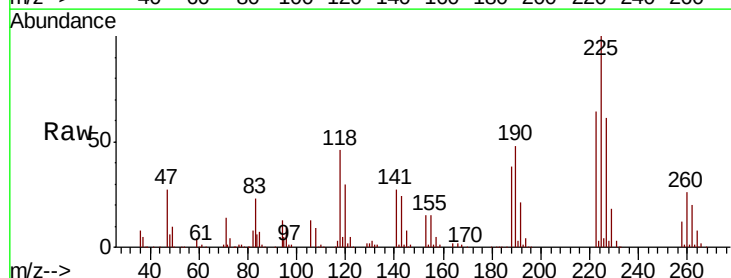


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

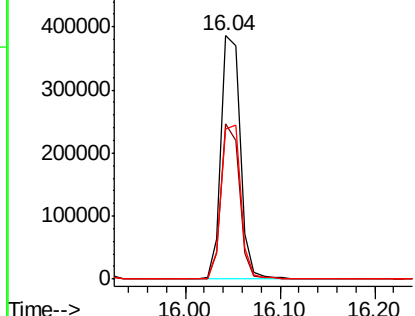
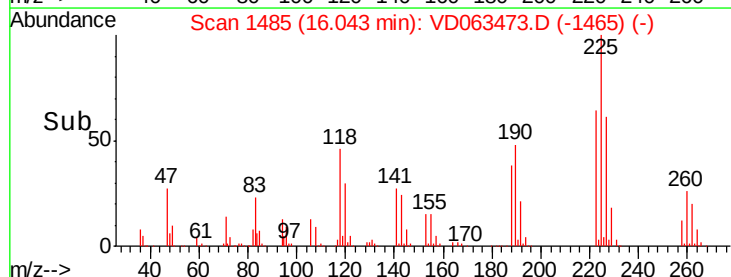


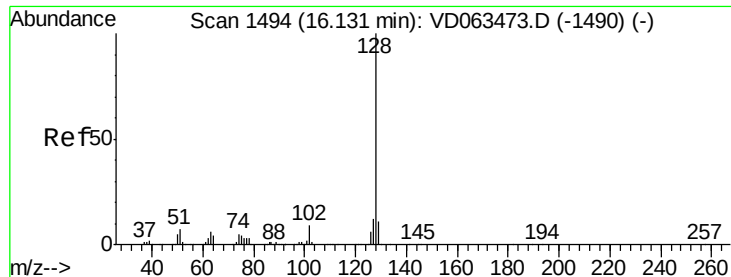
#94
 Hexachlorobutadiene
 Concen: 52.086 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD063473.D
 Acq: 9 Aug 2019 14:56

Tgt Ion:225 Resp: 543623
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.5
 227 61.4 30.7 92.1



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

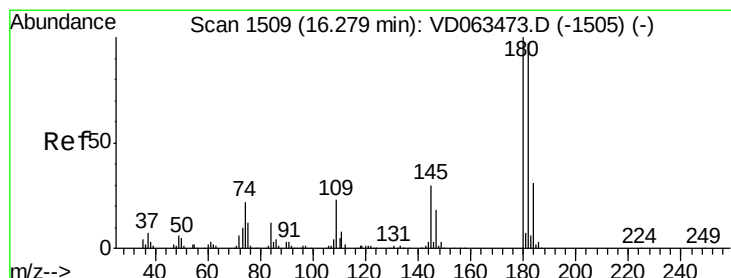
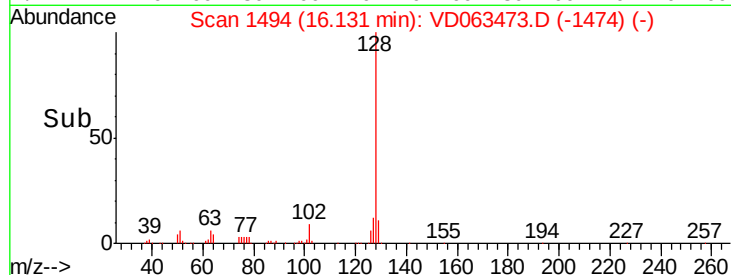
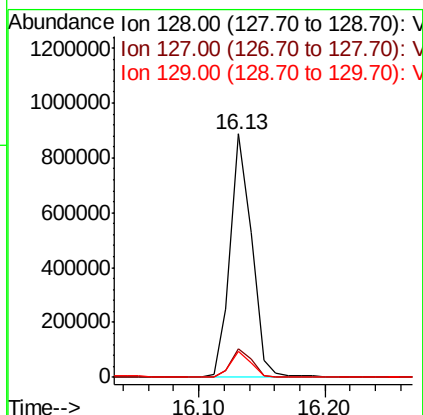
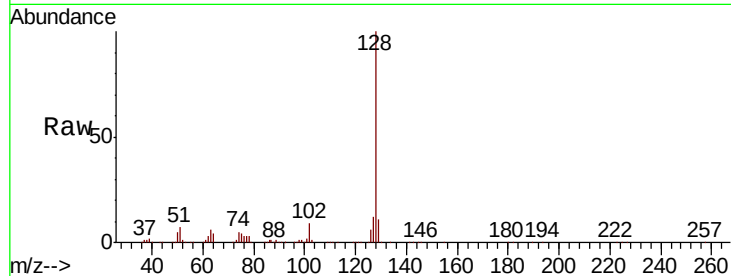




#95
Naphthalene
Concen: 50.472 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1047491
Ion Ratio Lower Upper
128 100
127 11.7 9.4 14.0
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.037 ug/l
RT: 16.28 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VD063473.D
Acq: 9 Aug 2019 14:56

Tgt Ion:180 Resp: 553453
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.2
145 29.9 14.9 44.9

