

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065728.D
 Acq On : 13 May 2020 12:54
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 13:50:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	573129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	511883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249202	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	59656	16.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	32.46%	
35) Dibromofluoromethane	7.91	113	63708	18.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	36.44%	
50) Toluene-d8	10.34	98	242608	18.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	36.34%	
62) 4-Bromofluorobenzene	12.64	95	83084	17.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	35.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	46645	15.921	ug/l	97
3) Chloromethane	2.21	50	71227	18.960	ug/l	98
4) Vinyl Chloride	2.35	62	77218	20.142	ug/l	99
5) Bromomethane	2.76	94	49543	20.304	ug/l	97
6) Chloroethane	2.92	64	51135	20.606	ug/l	91
7) Trichlorofluoromethane	3.27	101	107509	17.902	ug/l	96
8) Diethyl Ether	3.71	74	30995	16.626	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66681	18.299	ug/l	98
10) Methyl Iodide	4.30	142	64543	17.924	ug/l	98
11) Tert butyl alcohol	5.21	59	21717	65.293	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	62380	17.452	ug/l	92
13) Acrolein	3.93	56	21251	72.094	ug/l	98
14) Allyl chloride	4.71	41	107977	15.438	ug/l	100
15) Acrylonitrile	5.43	53	71137	82.173	ug/l	98
16) Acetone	4.16	43	59324	76.518	ug/l	94
17) Carbon Disulfide	4.40	76	198968	17.107	ug/l	99
18) Methyl Acetate	4.71	43	34396	17.739	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	150153	17.555	ug/l	96
20) Methylene Chloride	4.96	84	71707	17.856	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	72624	17.719	ug/l	94
22) Diisopropyl ether	6.36	45	209796	16.157	ug/l	93
23) Vinyl Acetate	6.31	43	622838	79.690	ug/l	100
24) 1,1-Dichloroethane	6.27	63	123699	17.187	ug/l	99
25) 2-Butanone	7.21	43	89902	77.941	ug/l	95
26) 2,2-Dichloropropane	7.21	77	111831	17.168	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	78799	17.771	ug/l	97
28) Bromochloromethane	7.55	49	48109	16.014	ug/l	100
29) Tetrahydrofuran	7.57	42	57904	77.722	ug/l	99
30) Chloroform	7.71	83	123362	17.702	ug/l	99
31) Cyclohexane	7.98	56	123965	16.675	ug/l #	95
32) 1,1,1-Trichloroethane	7.91	97	116118	17.904	ug/l	99
36) 1,1-Dichloropropene	8.11	75	100922	18.189	ug/l	99
37) Ethyl Acetate	7.29	43	44000	16.821	ug/l	99
38) Carbon Tetrachloride	8.10	117	106898	19.232	ug/l	98

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Quant Time: May 13 13:50:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	130050	18.697	ug/l	96
40) Benzene	8.36	78	278814	18.376	ug/l	98
41) Methacrylonitrile	7.56	41	60420	39.535	ug/l #	19
42) 1,2-Dichloroethane	8.43	62	76305	17.525	ug/l	99
43) Isopropyl Acetate	8.46	43	84695	16.183	ug/l	100
44) Trichloroethene	9.11	130	81885	19.335	ug/l	95
45) 1,2-Dichloropropane	9.39	63	68329	17.553	ug/l	100
46) Dibromomethane	9.48	93	36387	18.465	ug/l	98
47) Bromodichloromethane	9.67	83	95616	18.143	ug/l	97
48) Methyl methacrylate	9.46	41	43265	16.546	ug/l	96
49) 1,4-Dioxane	9.46	88	8996	375.771	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	206318	81.768	ug/l	99
52) Toluene	10.41	92	182885	18.955	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	92181	17.391	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	112144	17.862	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	49512	18.644	ug/l	97
56) Ethyl methacrylate	10.67	69	66484	17.533	ug/l	96
57) 1,3-Dichloropropane	10.95	76	88143	18.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	141239	80.488	ug/l	97
59) 2-Hexanone	10.99	43	139203	80.523	ug/l	98
60) Dibromochloromethane	11.14	129	67600	18.798	ug/l	99
61) 1,2-Dibromoethane	11.25	107	50777	19.000	ug/l	99
64) Tetrachloroethene	10.88	164	72275	20.055	ug/l	97
65) Chlorobenzene	11.67	112	195354	19.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	72741	19.214	ug/l	99
67) Ethyl Benzene	11.75	91	348289	18.477	ug/l	97
68) m/p-Xylenes	11.86	106	268006	37.989	ug/l	99
69) o-Xylene	12.18	106	122943	18.669	ug/l	96
70) Styrene	12.20	104	211229	18.698	ug/l	99
71) Bromoform	12.37	173	41148	19.291	ug/l #	100
73) Isopropylbenzene	12.48	105	345448	18.701	ug/l	99
74) N-amyl acetate	12.29	43	79141	15.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	54514	17.741	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	73397	35.502	ug/l #	100
77) Bromobenzene	12.77	156	83071	19.456	ug/l	97
78) n-propylbenzene	12.83	91	398818	18.388	ug/l	99
79) 2-Chlorotoluene	12.91	91	223338	18.249	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	283749	18.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	19285	16.797	ug/l	96
82) 4-Chlorotoluene	13.01	91	234183	18.261	ug/l	100
83) tert-Butylbenzene	13.23	119	250846	19.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	280586	18.587	ug/l	98
85) sec-Butylbenzene	13.41	105	337543	18.686	ug/l	99
86) p-Isopropyltoluene	13.52	119	310992	18.829	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	154839	19.338	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	152449	19.261	ug/l	99
89) n-Butylbenzene	13.85	91	290884	18.283	ug/l	99
90) Hexachloroethane	14.12	117	58789	17.928	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	132386	19.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	9023	17.641	ug/l	96

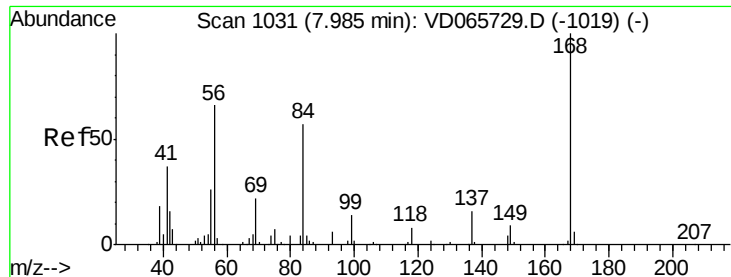
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
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Quant Title : SW846 8260
QLast Update : Wed May 13 13:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	99290	19.165	ug/l	98
94) Hexachlorobutadiene	15.28	225	59790	19.846	ug/l	97
95) Naphthalene	15.41	128	165816	18.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85390	19.379	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

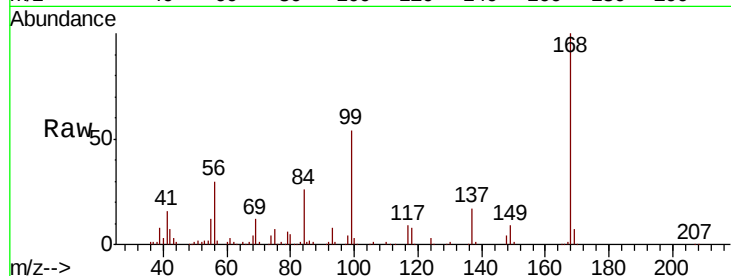
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 383530

Ion Ratio Lower Upper

168 100

99 53.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

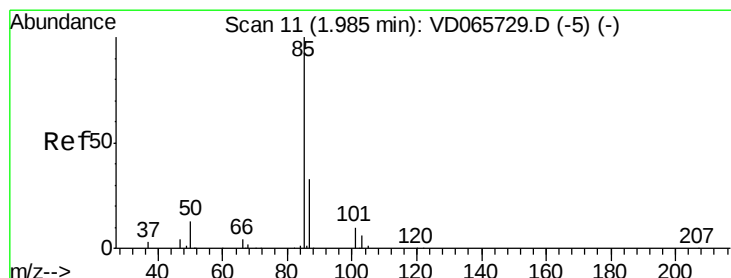
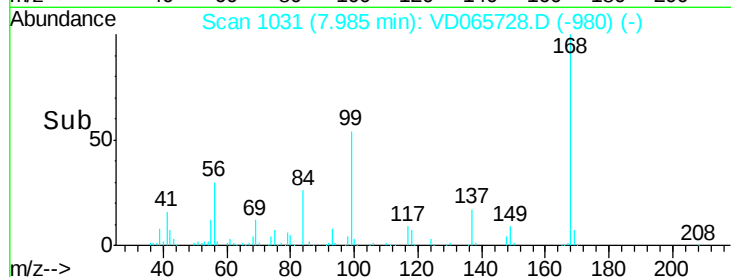
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.921 ug/l

RT: 1.98 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065728.D

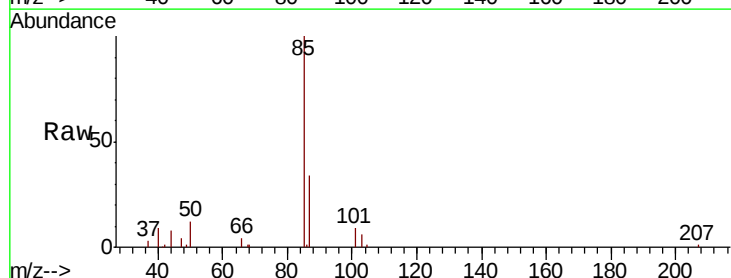
Acq: 13 May 2020 12:54

Tgt Ion: 85 Resp: 46645

Ion Ratio Lower Upper

85 100

87 34.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

40000

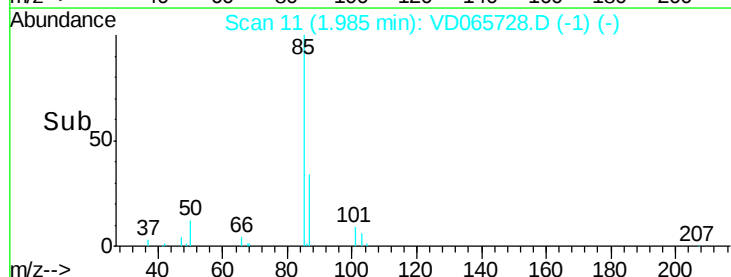
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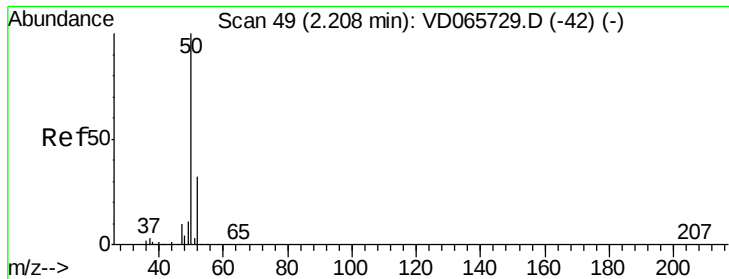
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Time-->

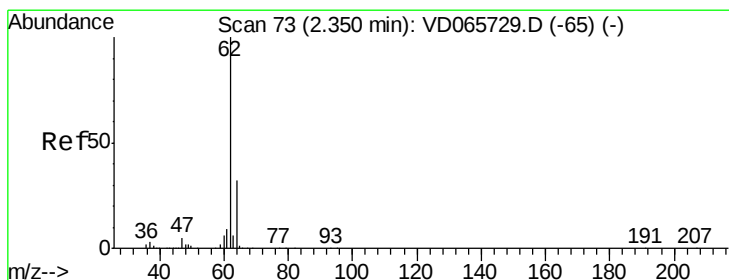
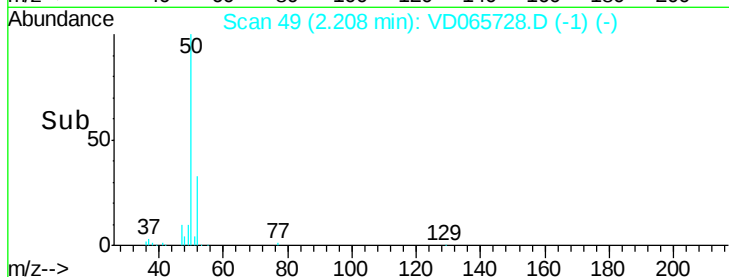
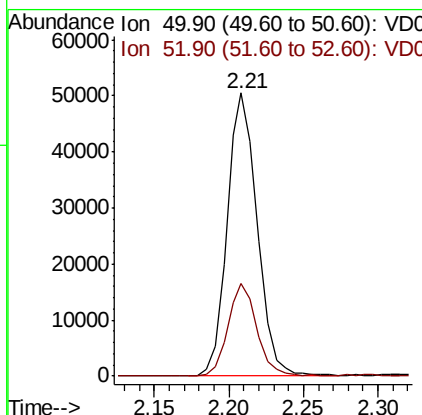
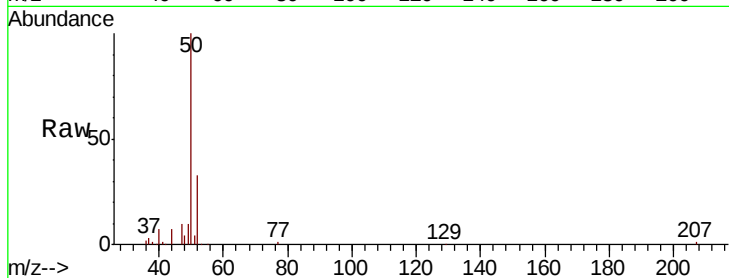




#3
Chloromethane
Concen: 18.960 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

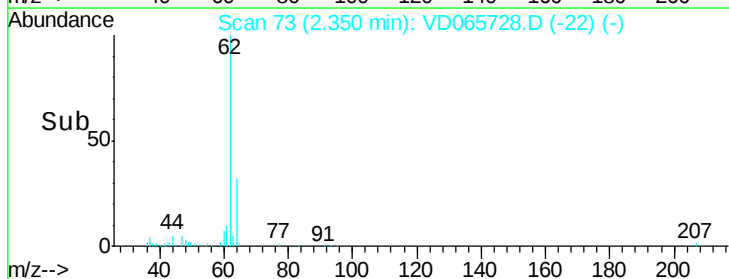
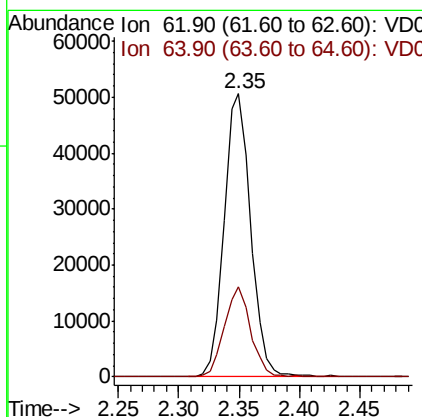
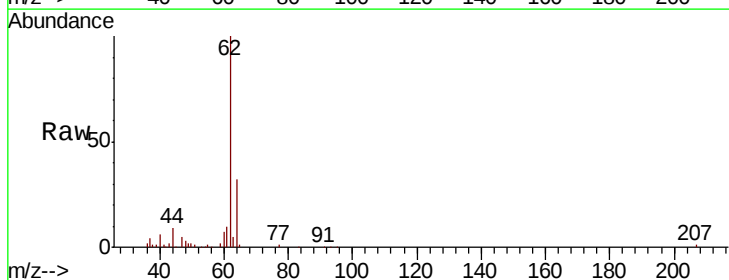
Instrument :
MSVOA_D
ClientSampleId :

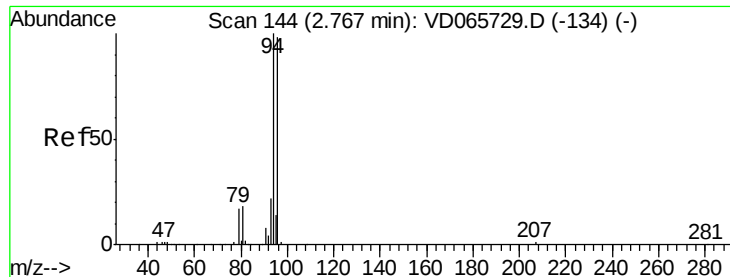
Tot Ion: 50 Resp: 71227
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 20.142 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 62 Resp: 77218
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5

Bromomethane

Concen: 20.304 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

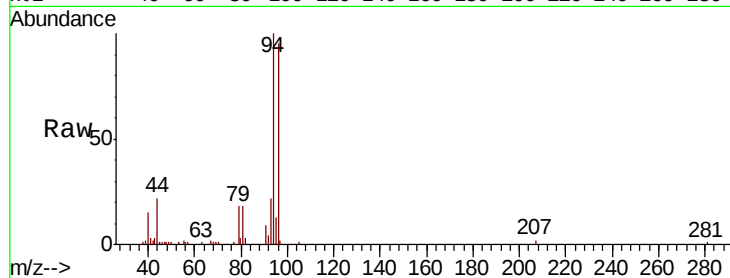
ClientSampled :

Tot Ion: 94 Resp: 49543

Ion Ratio Lower Upper

94 100

96 94.8 78.1 117.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

15000

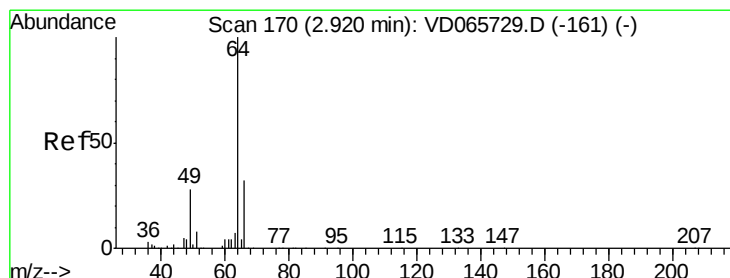
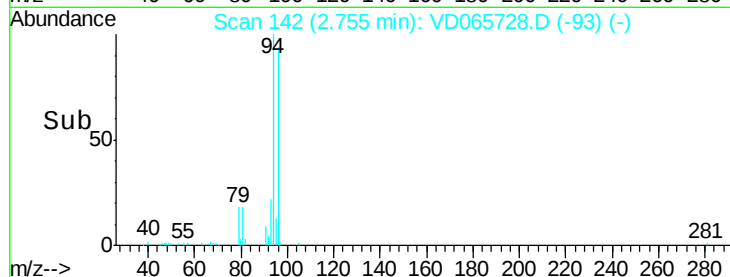
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 20.606 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065728.D

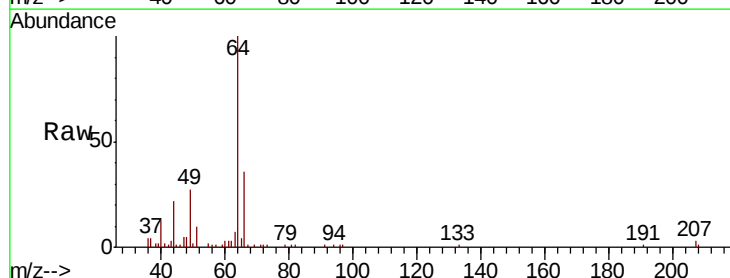
Acq: 13 May 2020 12:54

Tgt Ion: 64 Resp: 51135

Ion Ratio Lower Upper

64 100

66 36.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

15000

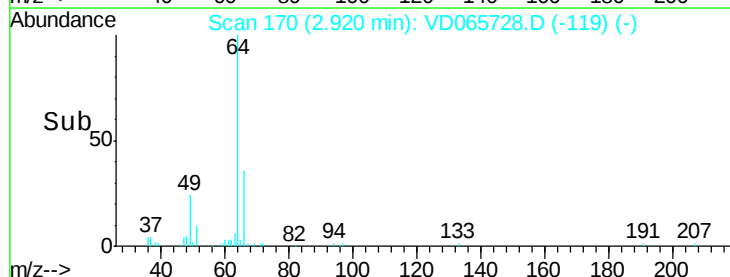
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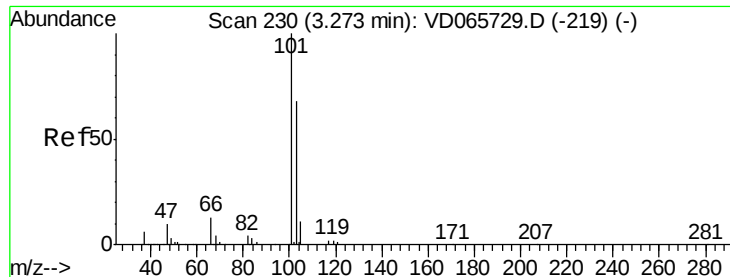
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Time-->

2.80 2.90 3.00



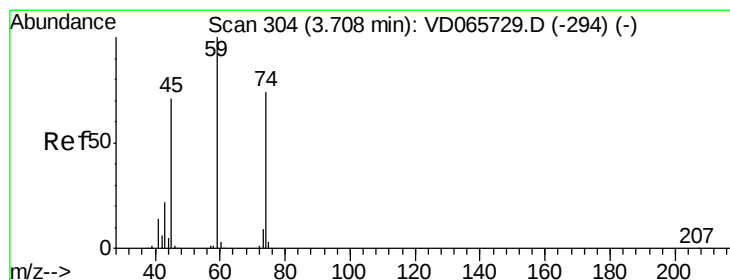
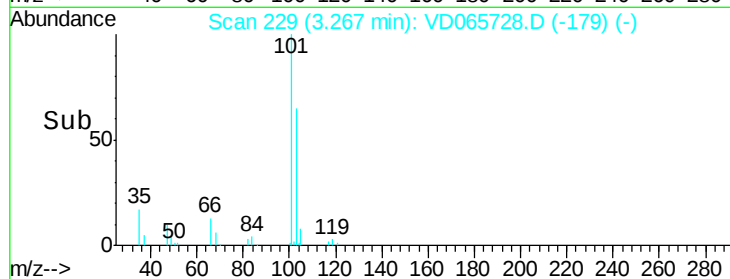
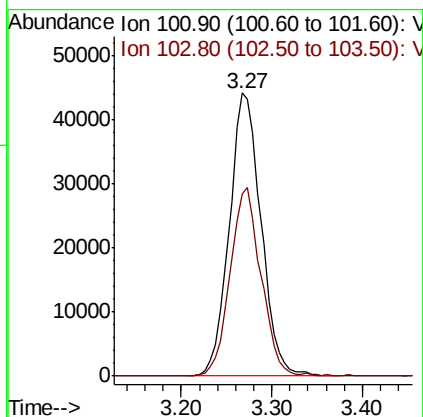
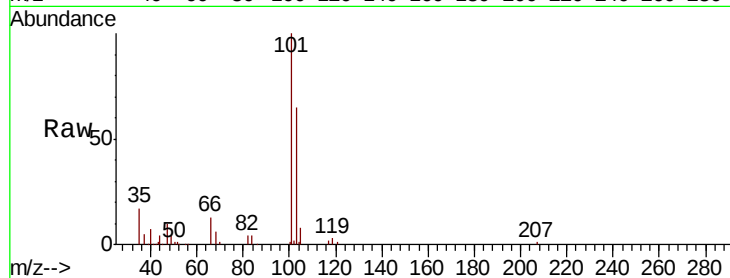


#7

Trichlorofluoromethane
 Concen: 17.902 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

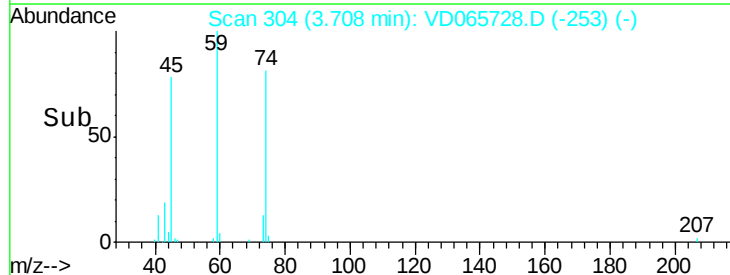
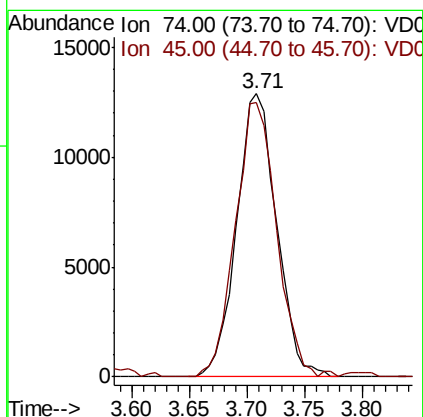
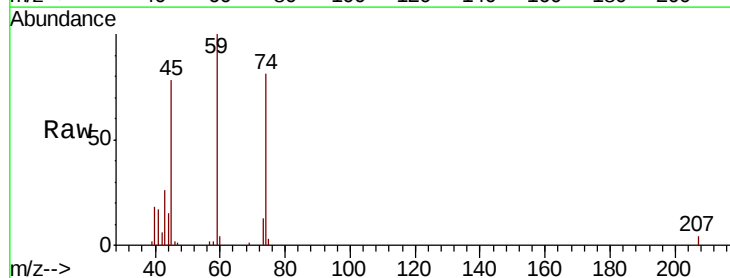
Tot Ion:101 Resp: 107509
 Ion Ratio Lower Upper
 101 100
 103 64.6 54.1 81.1

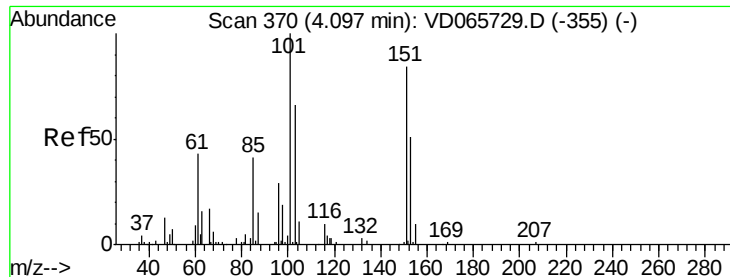


#8

Diethyl Ether
 Concen: 16.626 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion: 74 Resp: 30995
 Ion Ratio Lower Upper
 74 100
 45 99.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.299 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

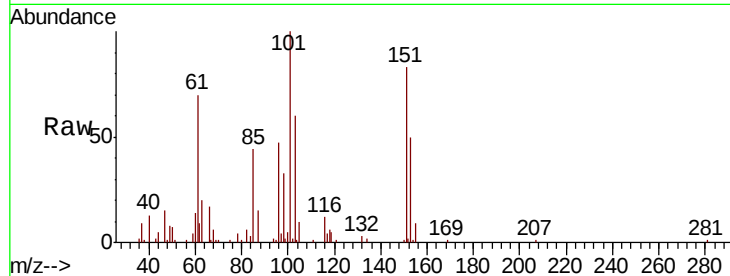
Tot Ion:101 Resp: 66681

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

151 83.4 65.1 97.7



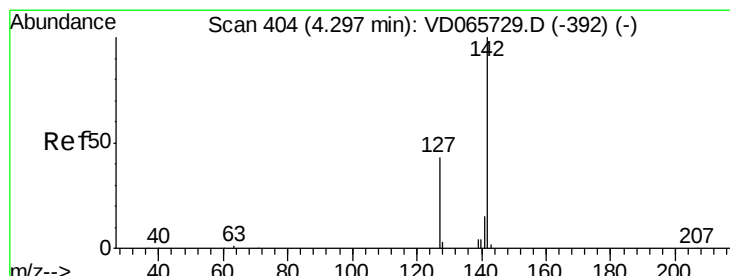
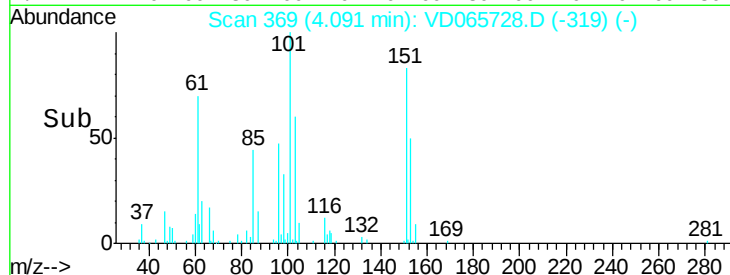
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

Time-->

4.09



#10

Methyl Iodide

Concen: 17.924 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

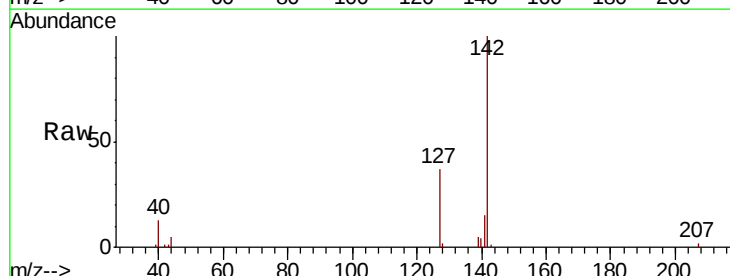
Tgt Ion:142 Resp: 64543

Ion Ratio Lower Upper

142 100

127 41.3 34.2 51.4

141 14.9 11.7 17.5



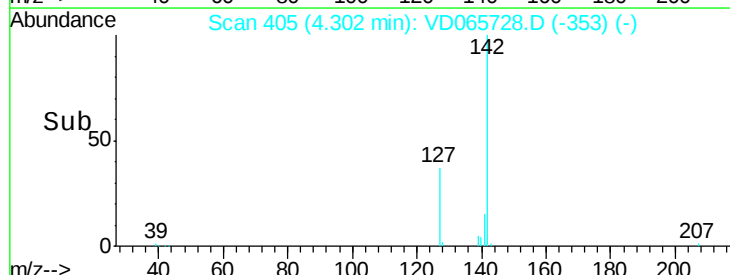
Abundance Ion 141.80 (141.50 to 142.50): V

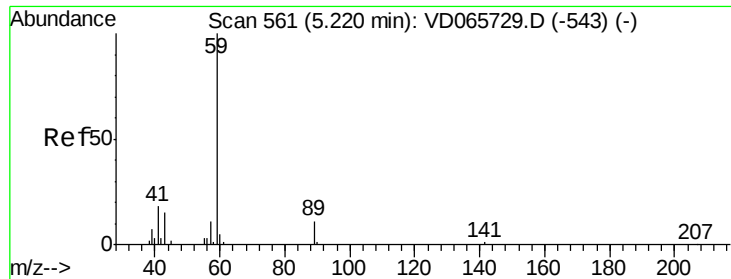
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->

4.30



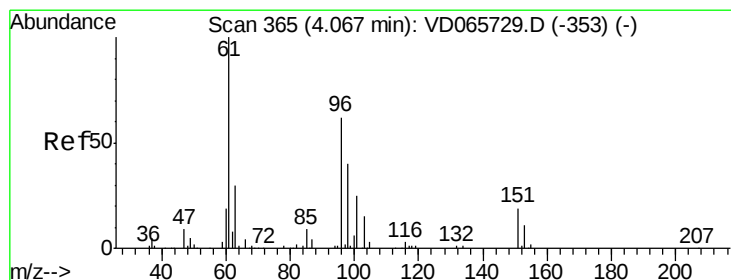
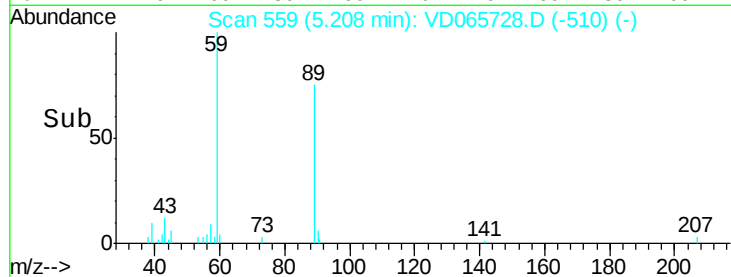
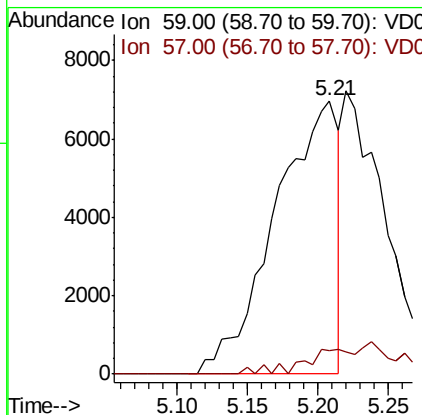
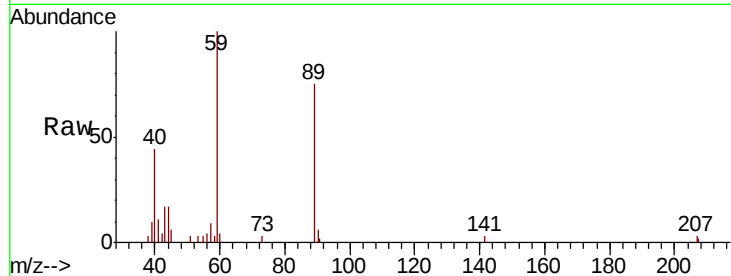


#11

Tert butyl alcohol
 Concen: 65.293 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

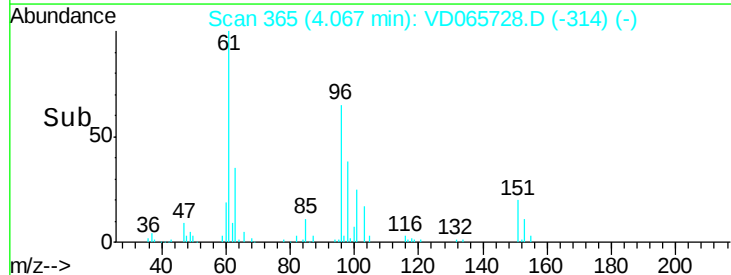
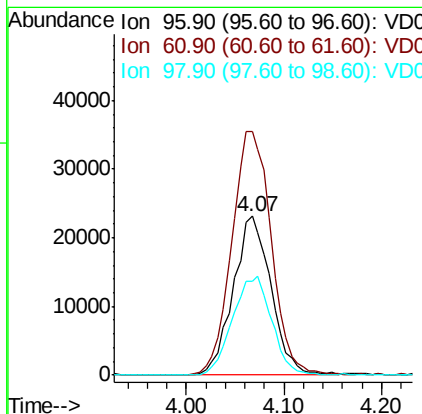
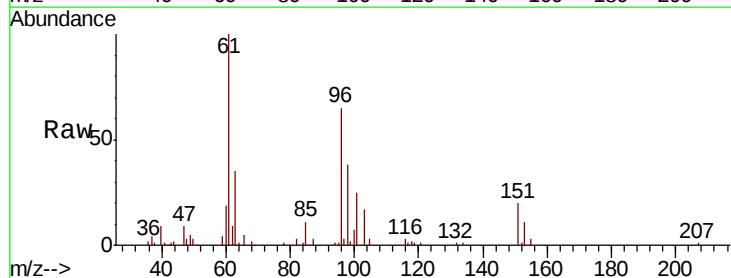
Tot Ion: 59 Resp: 21717
 Ion Ratio Lower Upper
 59 100
 57 6.7 7.4 11.0#

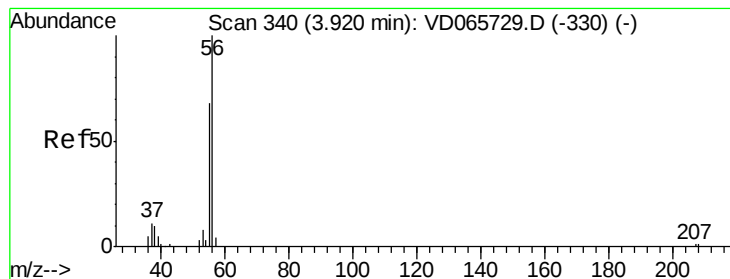


#12

1,1-Dichloroethene
 Concen: 17.452 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion: 96 Resp: 62380
 Ion Ratio Lower Upper
 96 100
 61 153.0 130.0 195.0
 98 58.6 52.3 78.5





#13

Acrolein

Concen: 72.094 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

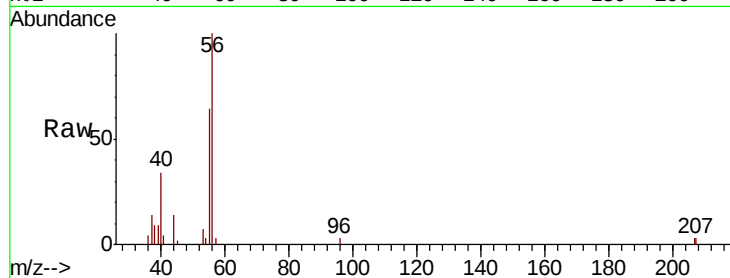
ClientSampleId :

Tot Ion: 56 Resp: 21251

Ion Ratio Lower Upper

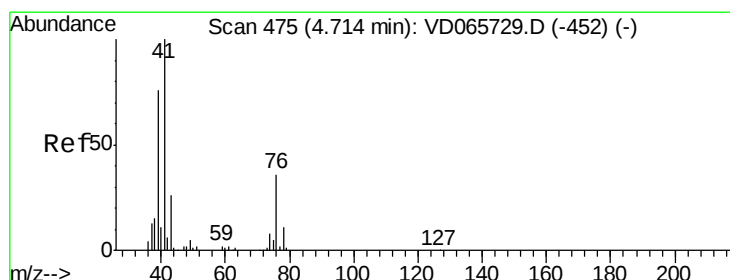
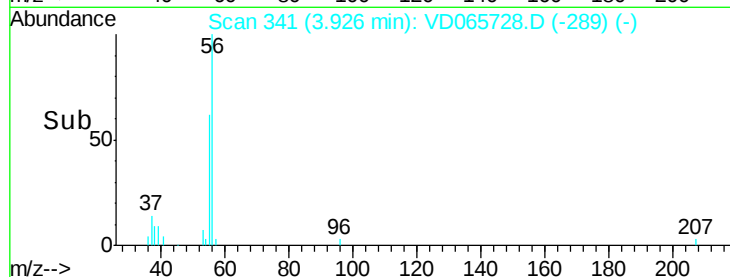
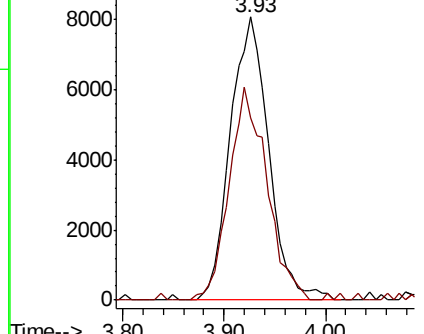
56 100

55 73.8 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 15.438 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

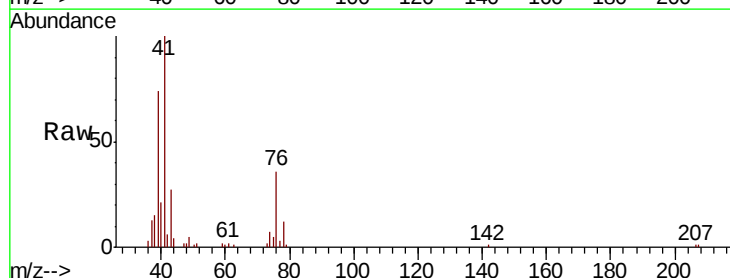
Tgt Ion: 41 Resp: 107977

Ion Ratio Lower Upper

41 100

39 72.2 57.4 86.2

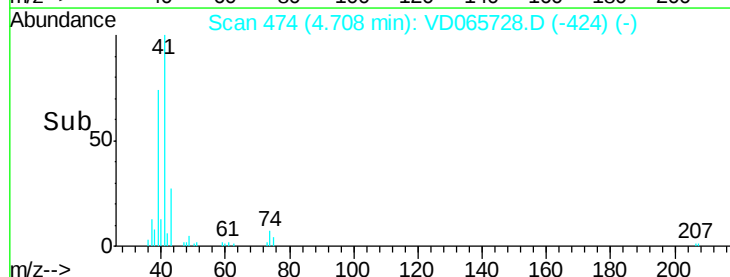
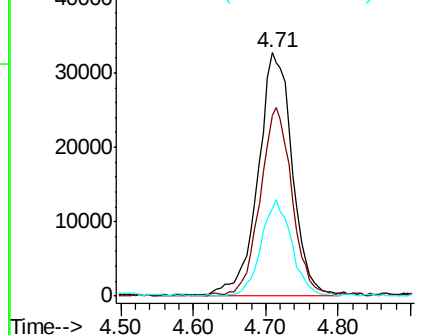
76 35.3 28.4 42.6

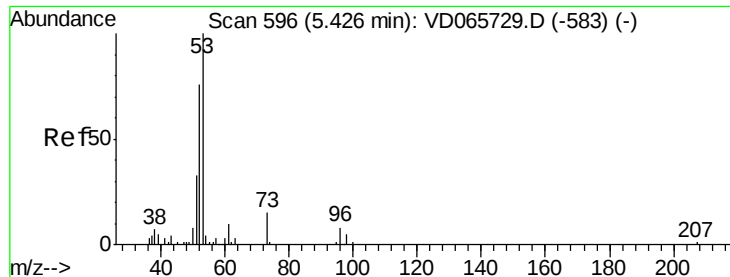


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 82.173 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

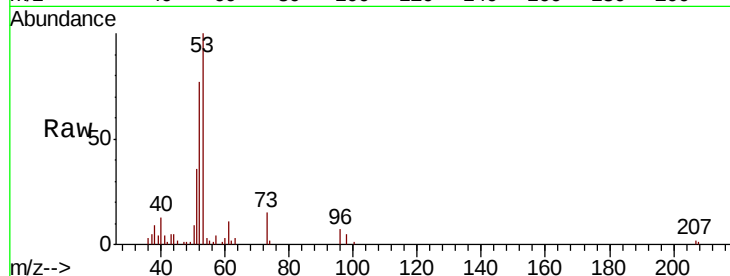
Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 53 Resp: 71137

Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.3	99.5
51	35.9	29.2	43.8

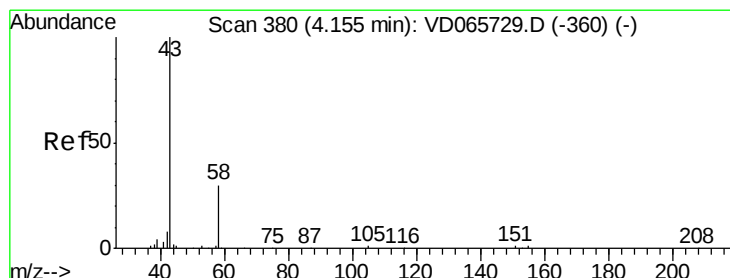
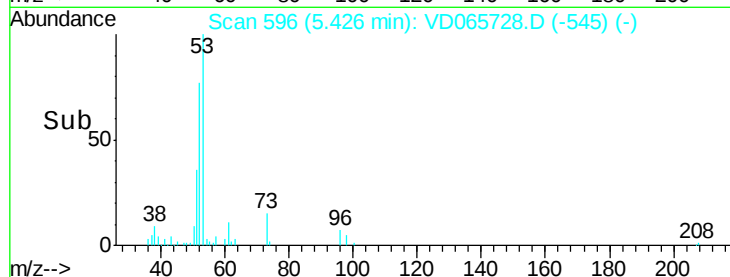
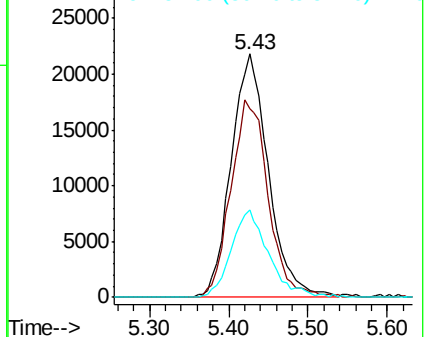


Abundance

Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 76.518 ug/l

RT: 4.16 min Scan# 380

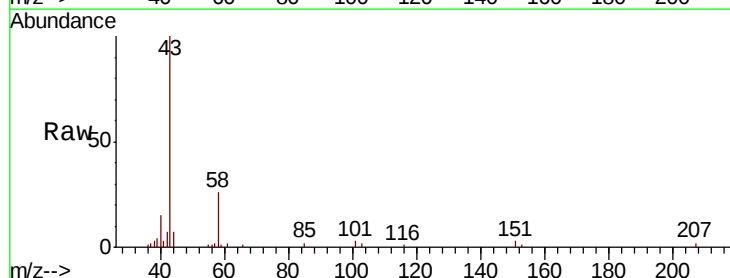
Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Tgt Ion: 43 Resp: 59324

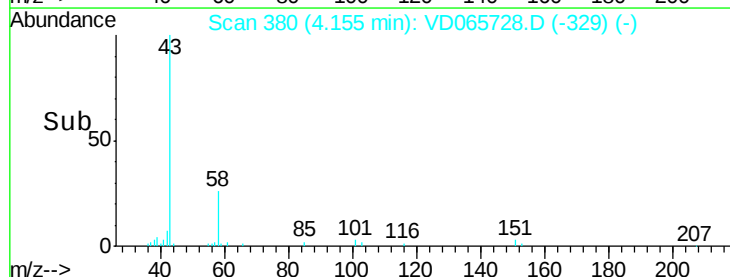
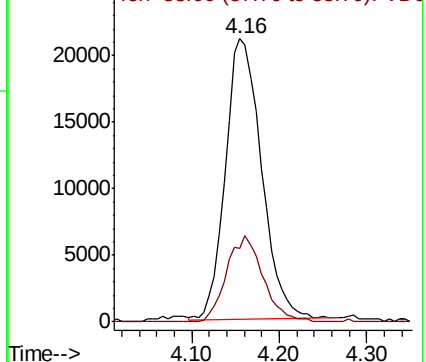
Ion	Ratio	Lower	Upper
43	100		
58	26.3	23.7	35.5

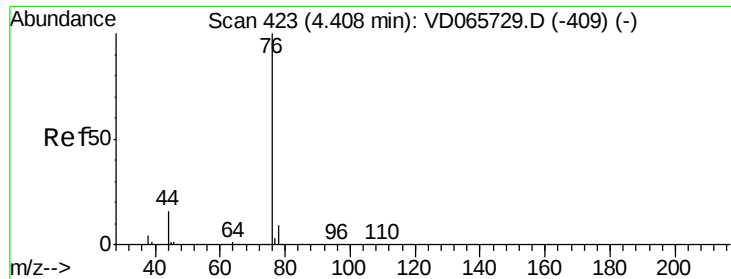


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

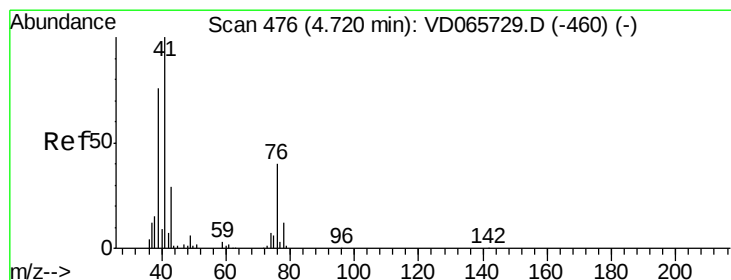
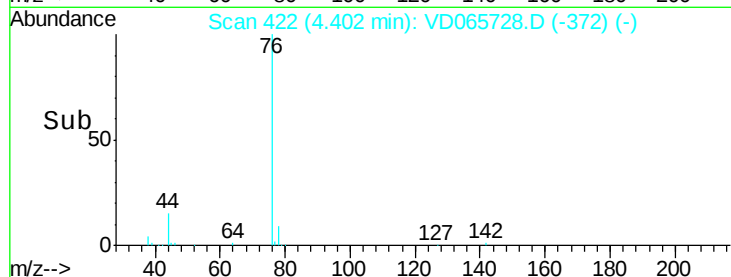
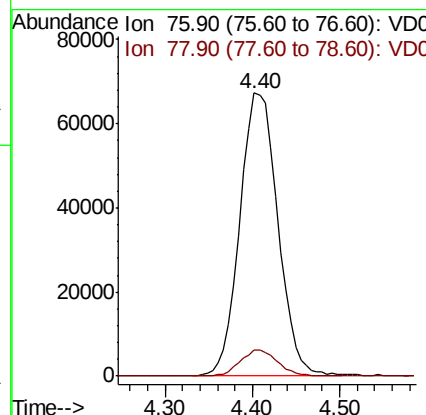
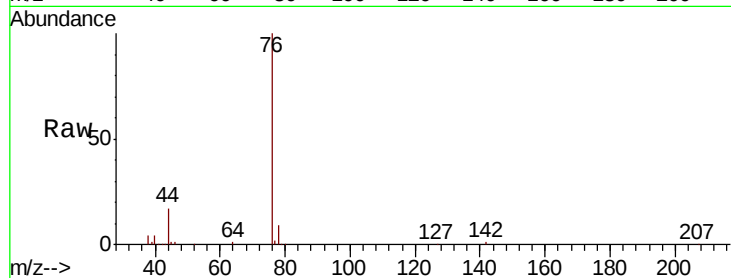




#17
Carbon Disulfide
Concen: 17.107 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

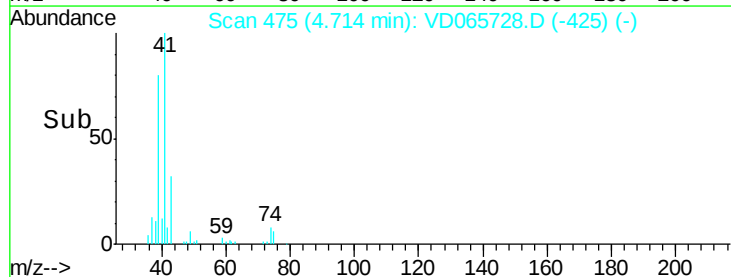
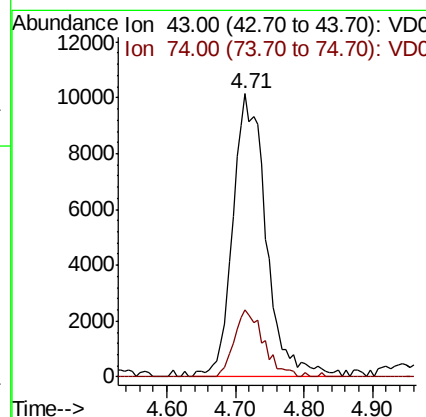
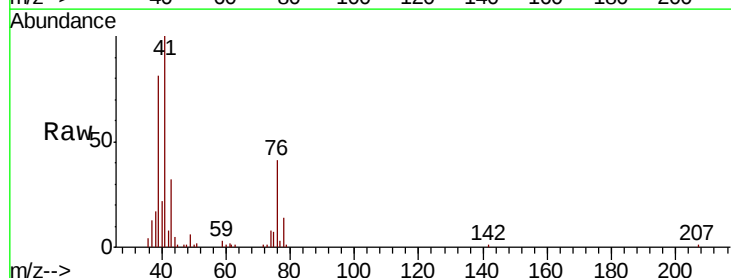
Instrument :
MSVOA_D
ClientSampleId :

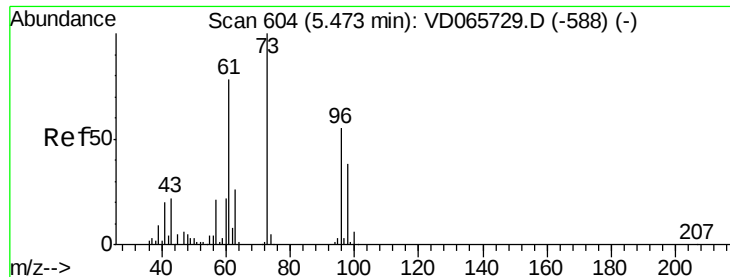
Tot Ion: 76 Resp: 198968
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.739 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 43 Resp: 34396
Ion Ratio Lower Upper
43 100
74 20.8 18.6 27.8

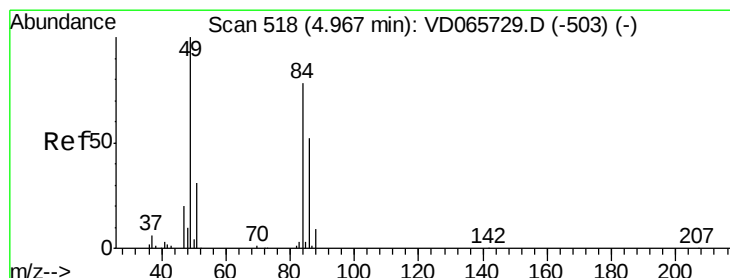
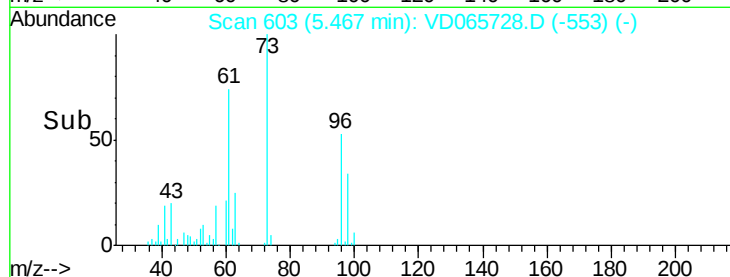
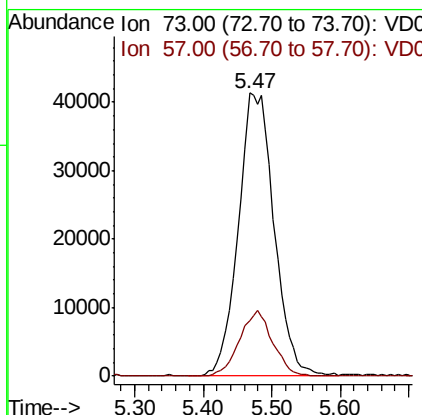
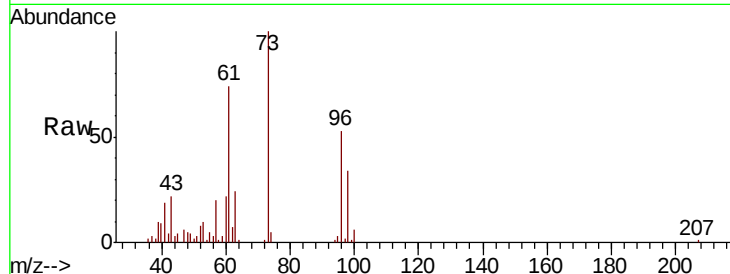




#19
Methvl tert-butvl Ether
Concen: 17.555 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

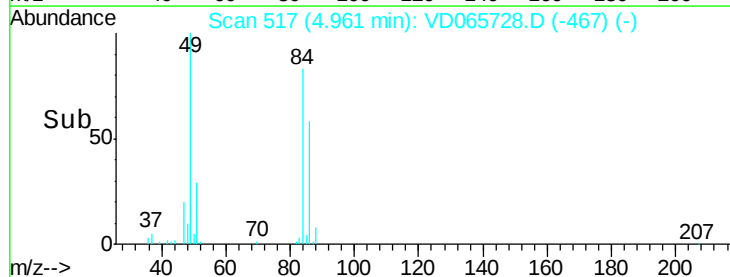
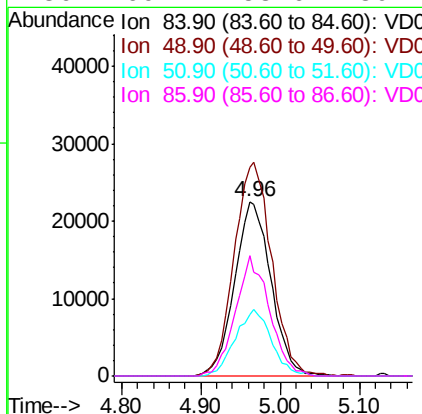
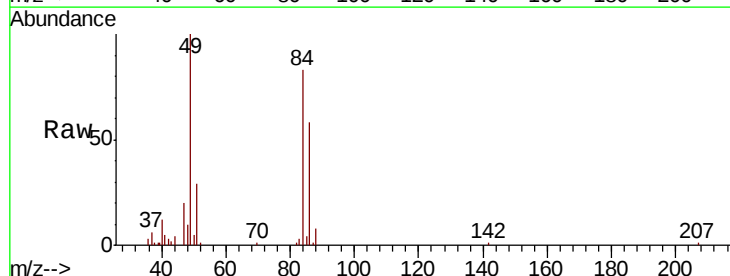
Instrument :
MSVOA_D
ClientSampleId :

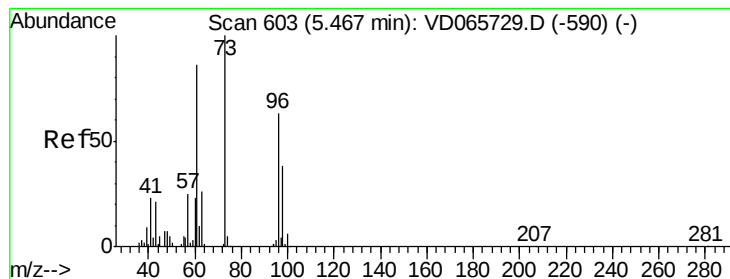
Tot Ion: 73 Resp: 150153
Ion Ratio Lower Upper
73 100
57 19.5 17.0 25.4



#20
Methylene Chloride
Concen: 17.856 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 84 Resp: 71707
Ion Ratio Lower Upper
84 100
49 120.1 102.9 154.3
51 35.4 31.5 47.3
86 69.2 53.6 80.4





#21

trans-1,2-Dichloroethene

Concen: 17.719 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

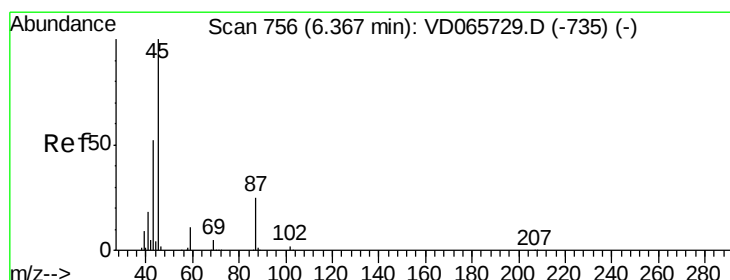
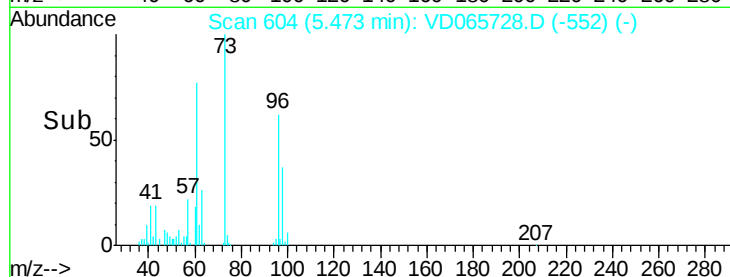
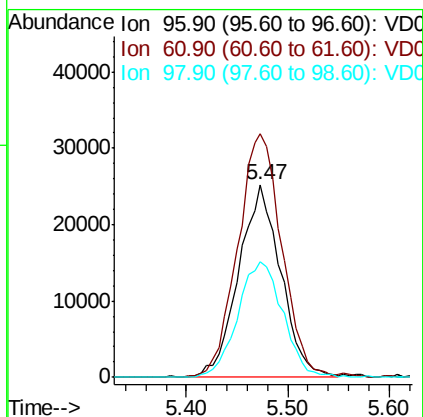
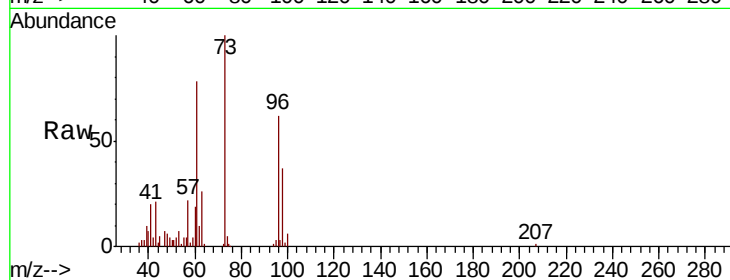
Tot Ion: 96 Resp: 72624

Ion Ratio Lower Upper

96 100

61 125.6 108.6 163.0

98 60.0 47.9 71.9



#22

Diisopropyl ether

Concen: 16.157 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Tgt Ion: 45 Resp: 209796

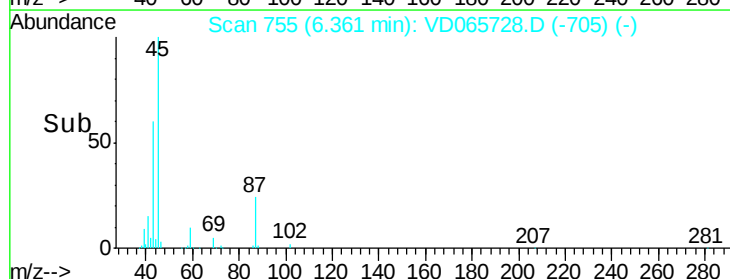
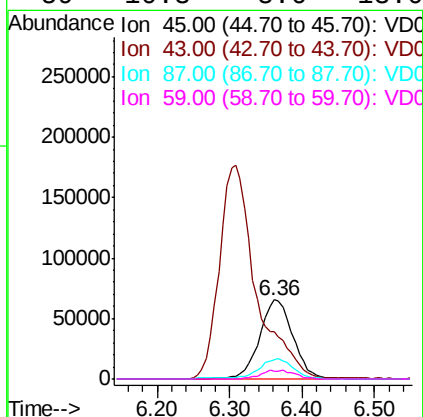
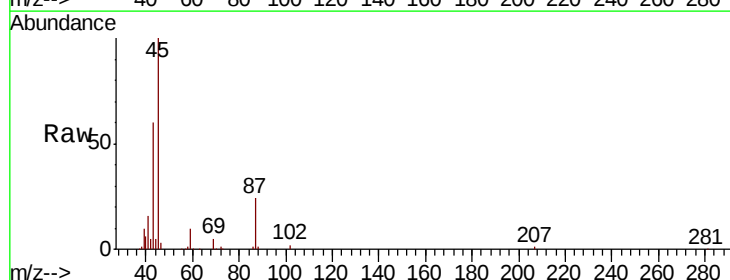
Ion Ratio Lower Upper

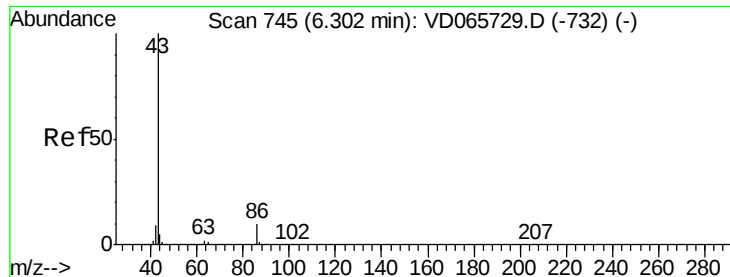
45 100

43 59.6 41.8 62.6

87 24.3 20.1 30.1

59 10.3 8.6 13.0





#23

Vinyl Acetate

Concen: 79.690 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

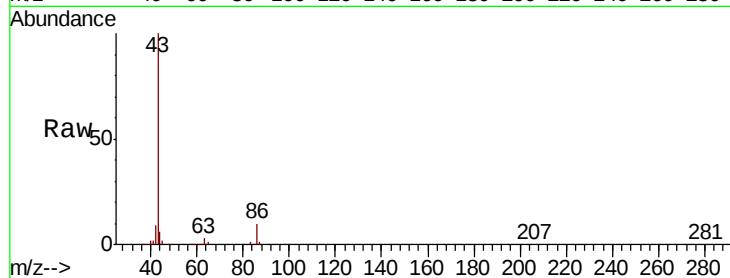
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 622838

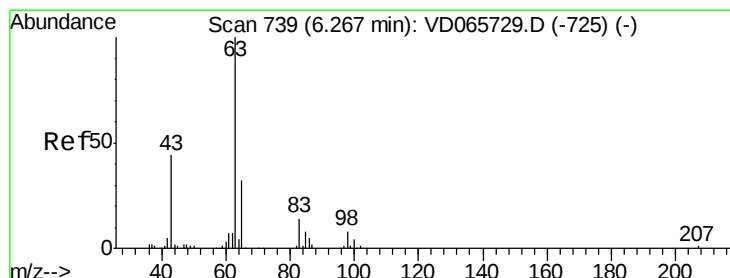
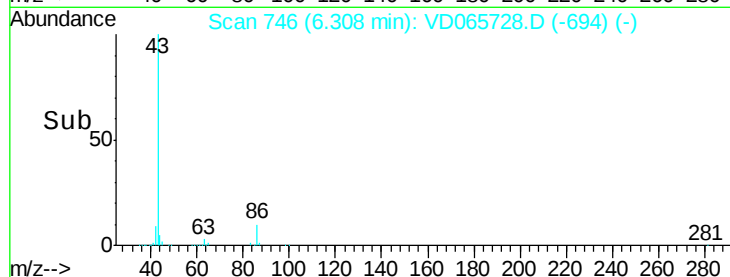
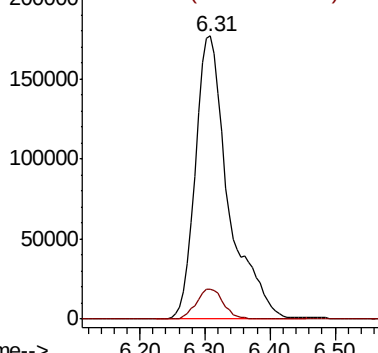
Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4



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



#24

1,1-Dichloroethane

Concen: 17.187 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

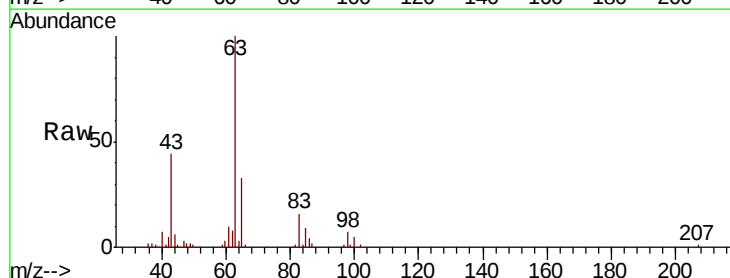
Tgt Ion: 63 Resp: 123699

Ion Ratio Lower Upper

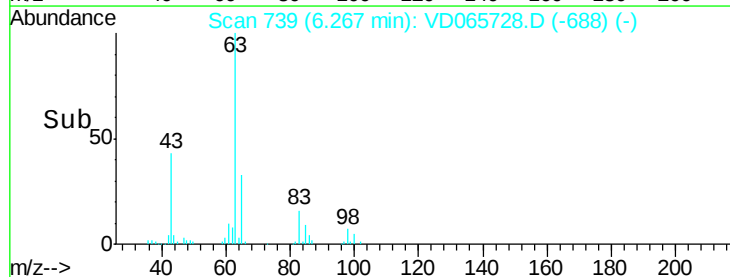
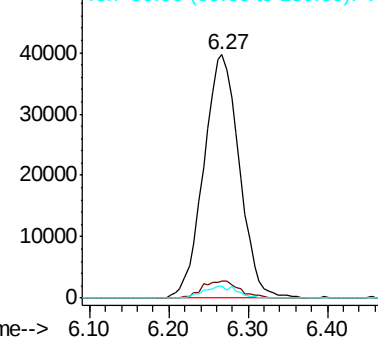
63 100

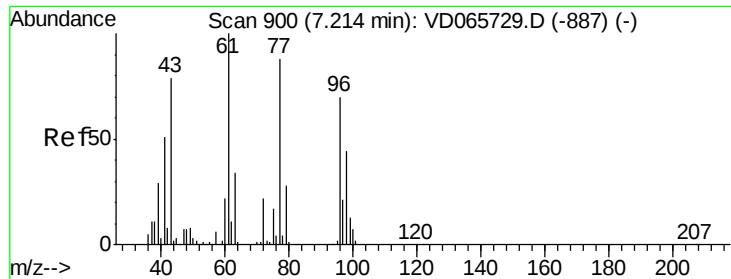
98 7.2 3.9 11.5

100 4.9 2.2 6.6



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





#25

2-Butanone

Concen: 77.941 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

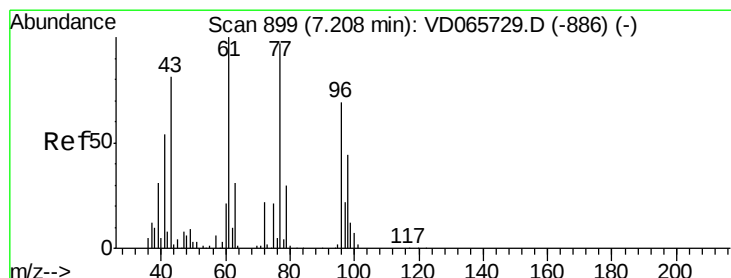
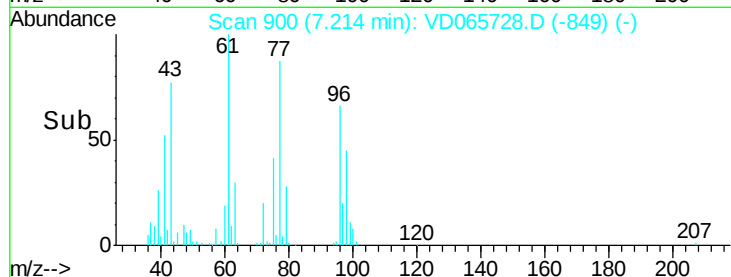
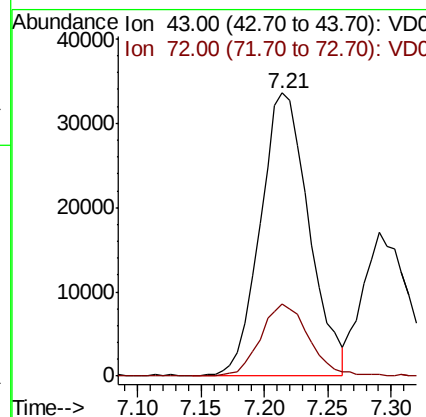
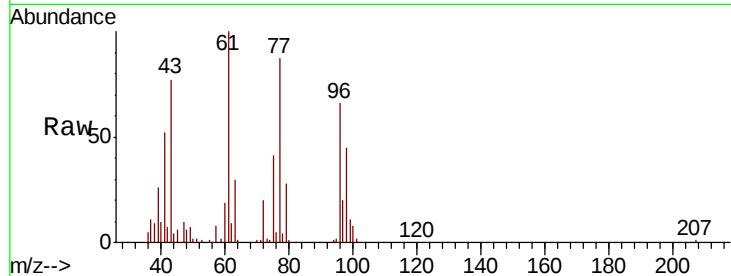
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 89902

Ion Ratio Lower Upper

43 100

72 25.3 22.3 33.5



#26

2,2-Dichloropropane

Concen: 17.168 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065728.D

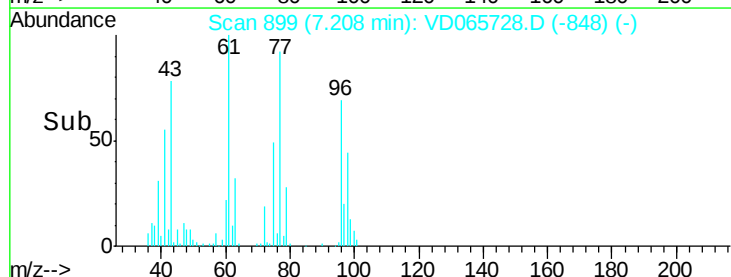
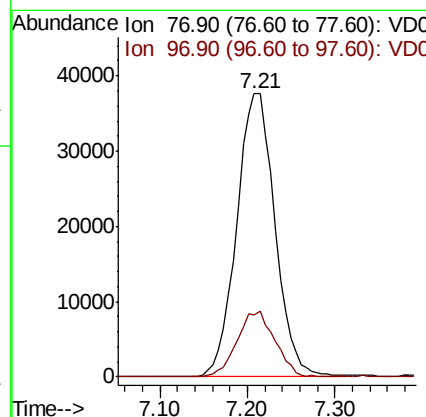
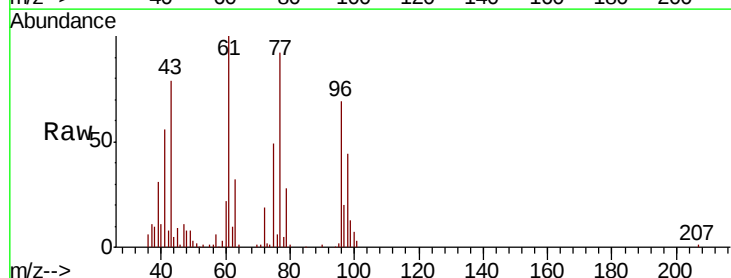
Acq: 13 May 2020 12:54

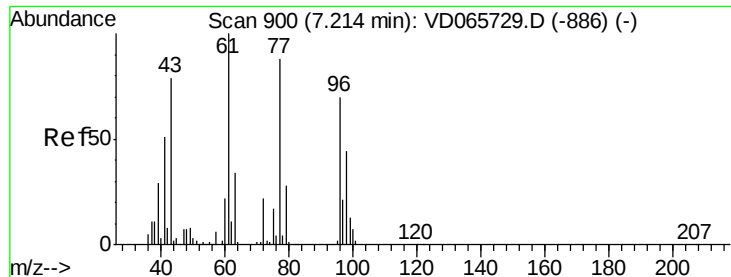
Tgt Ion: 77 Resp: 111831

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



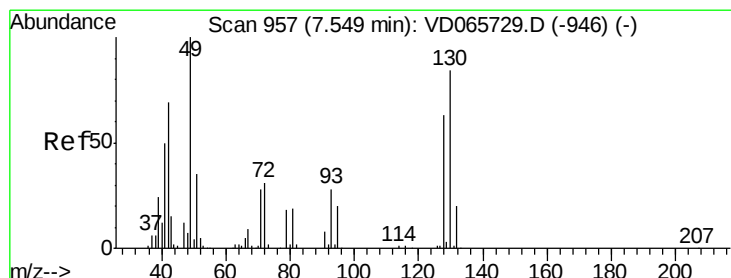
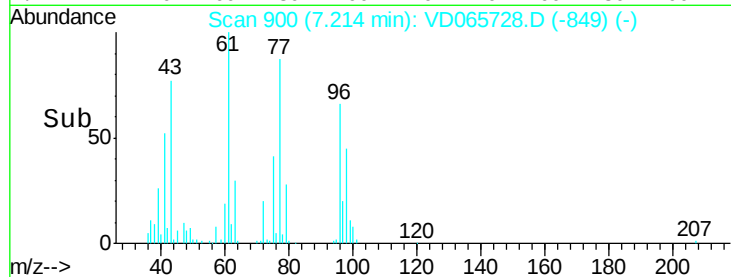
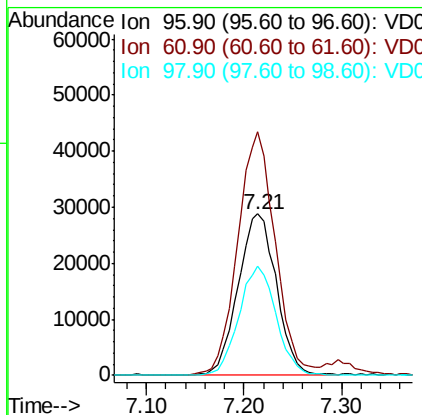
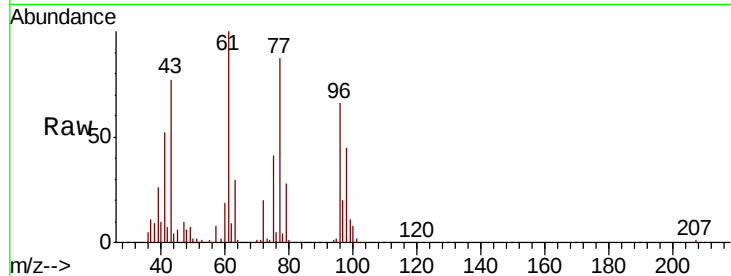


#27

cis-1,2-Dichloroethene
 Concen: 17.771 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleID :

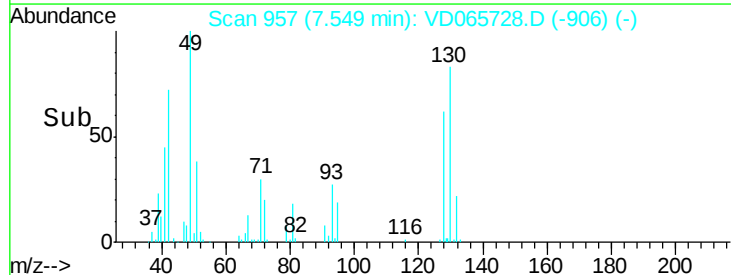
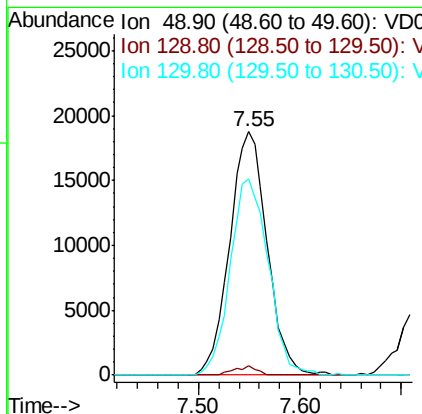
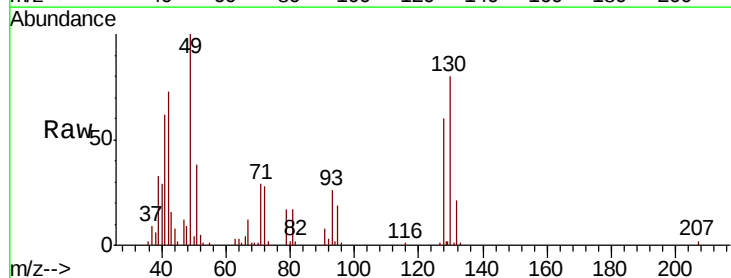
Tot Ion	96	Resp	78799
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	288.0
98	65.2	0.0	127.8

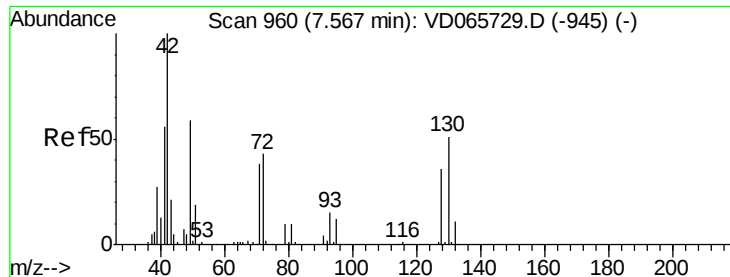


#28

Bromochloromethane
 Concen: 16.014 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion	49	Resp	48109
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	81.7	65.2	97.8

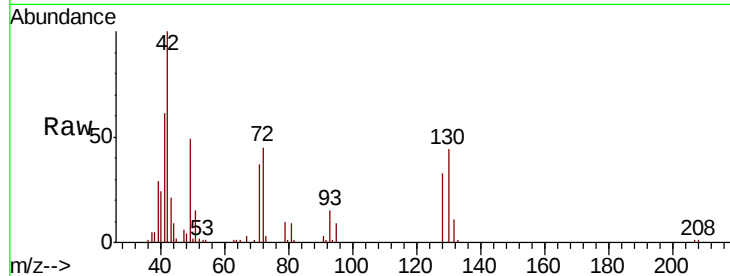




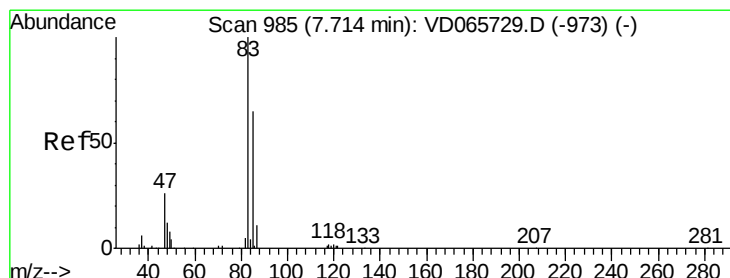
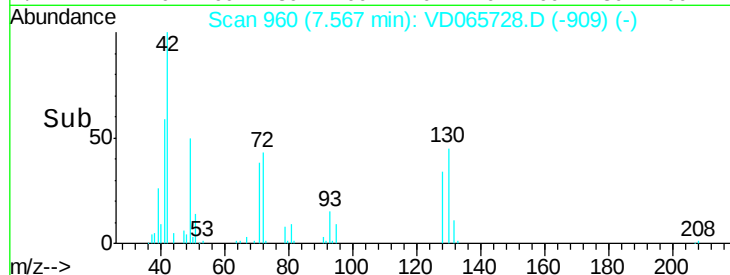
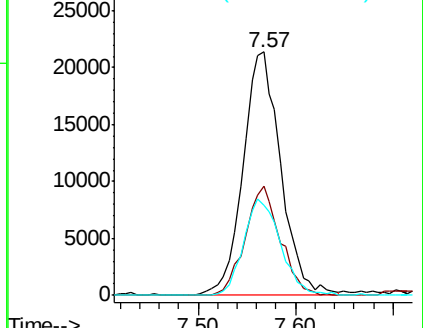
#29
Tetrahydrofuran
Concen: 77.722 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 57904
Ion Ratio Lower Upper
42 100
72 41.8 33.5 50.3
71 38.7 31.8 47.6

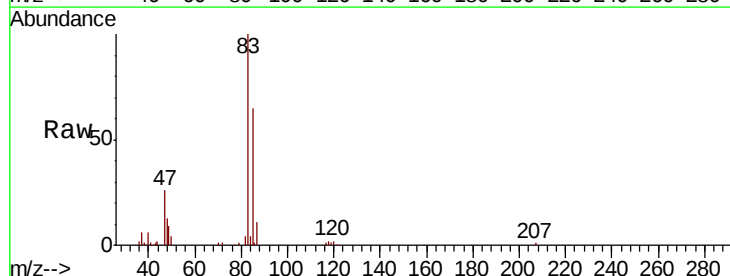


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

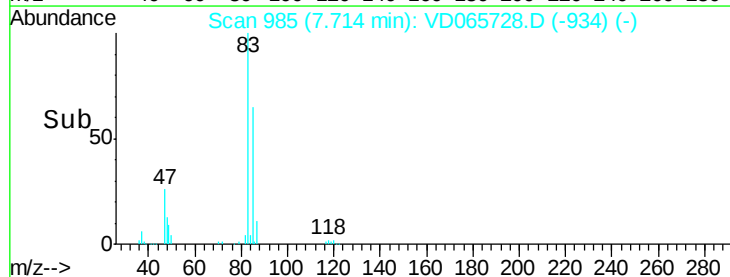
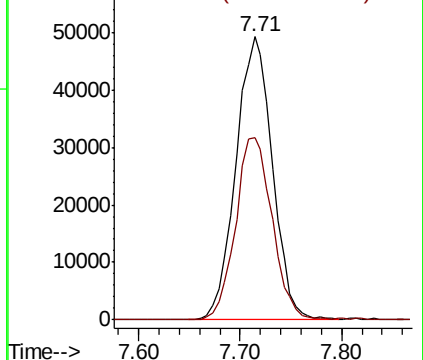


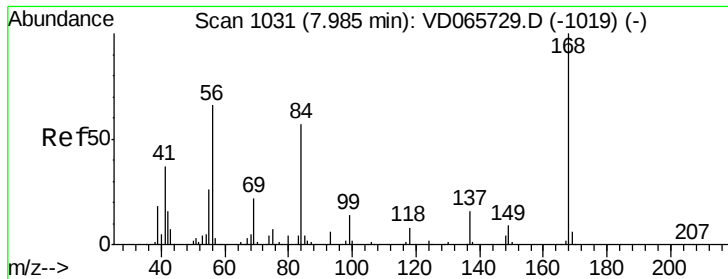
#30
Chloroform
Concen: 17.702 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 83 Resp: 123362
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.2



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

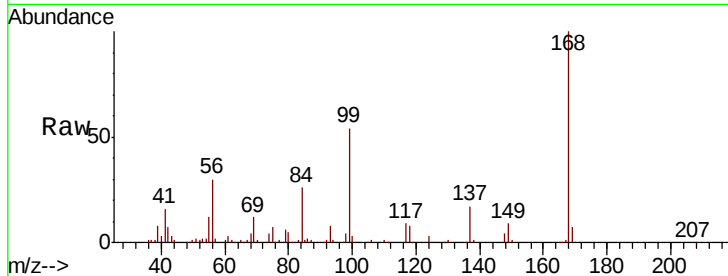




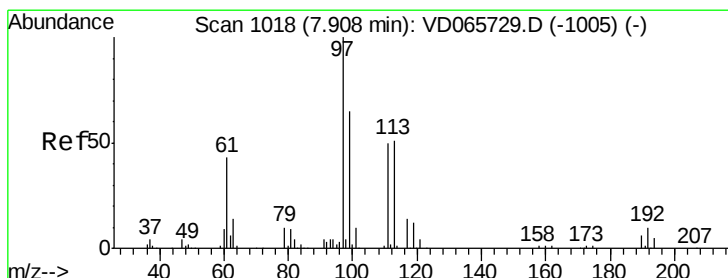
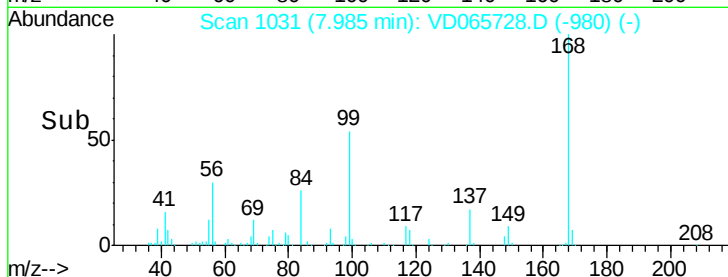
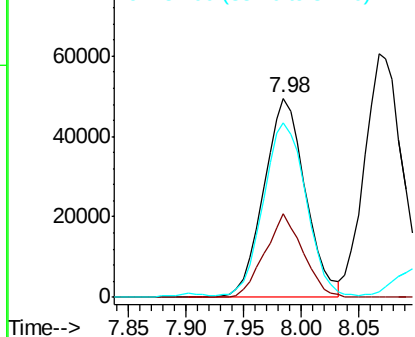
#31
Cyclohexane
Concen: 16.675 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 123965
Ion Ratio Lower Upper
56 100
69 41.7 25.9 38.9#
84 85.6 69.1 103.7

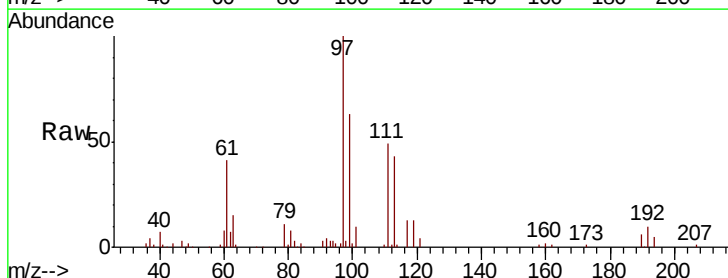


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

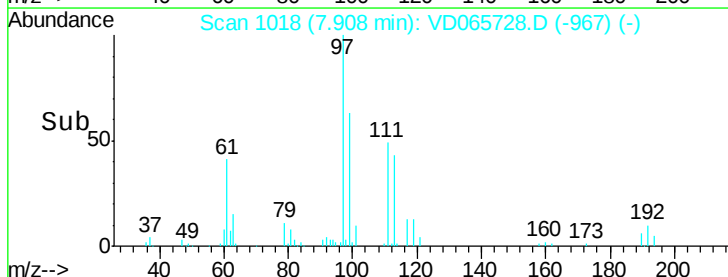
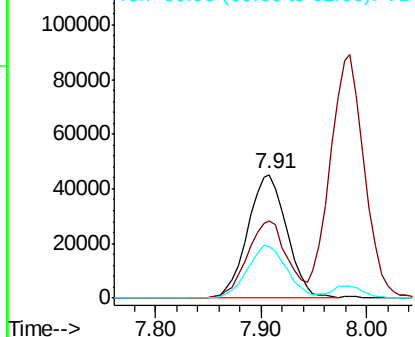


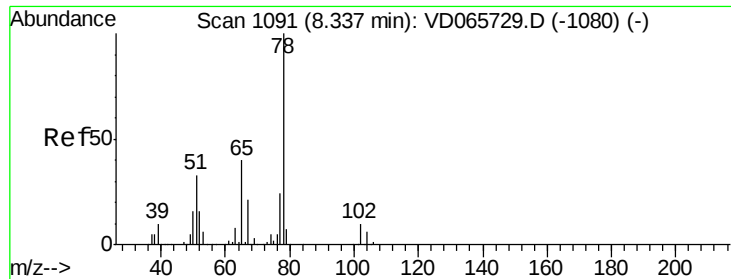
#32
1,1,1-Trichloroethane
Concen: 17.904 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 97 Resp: 116118
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 42.8 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 16.227 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

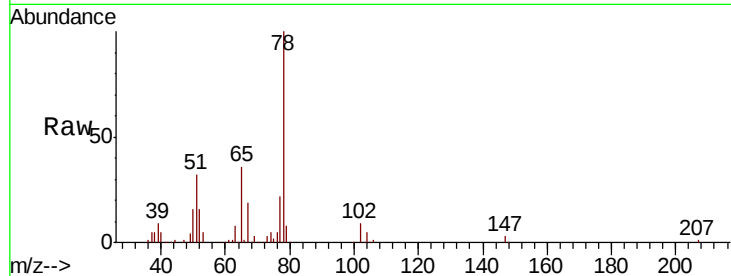
ClientSampleId :

Tot Ion: 65 Resp: 59656

Ion Ratio Lower Upper

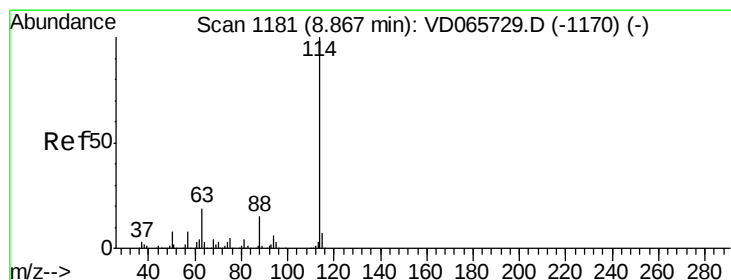
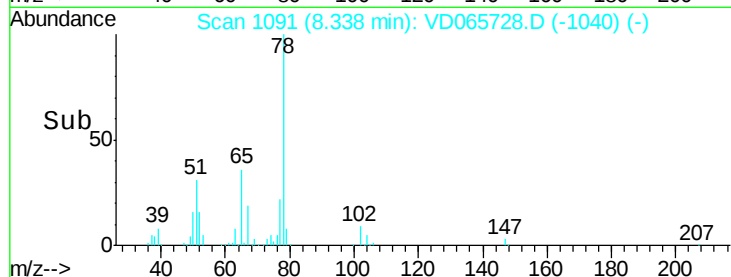
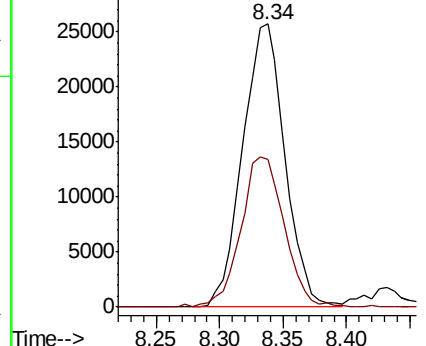
65 100

67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

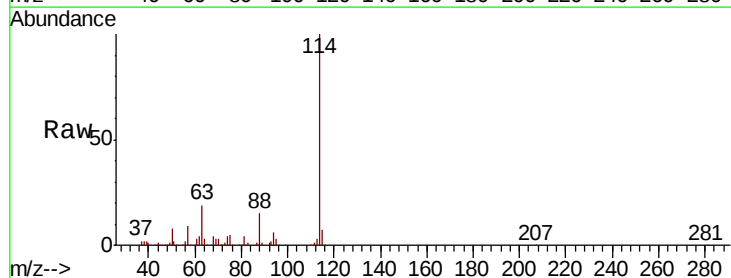
Tgt Ion: 114 Resp: 573129

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.2

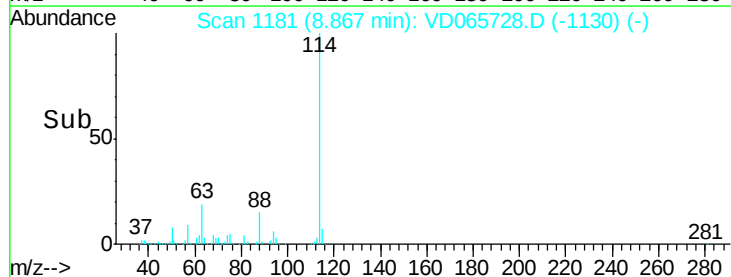
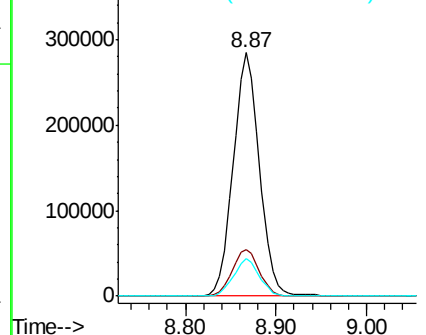
88 15.2 0.0 30.2

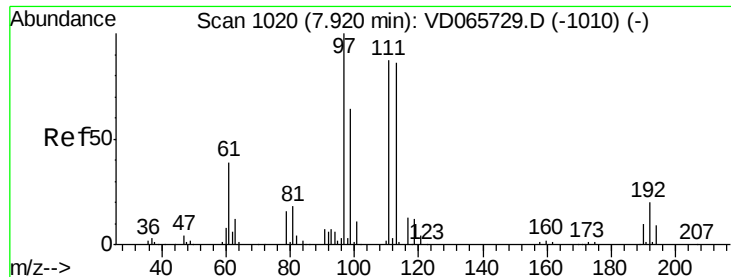


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

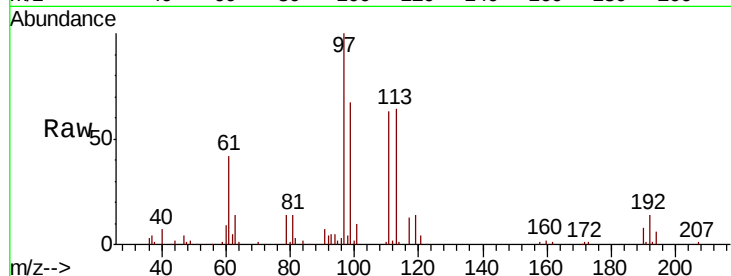




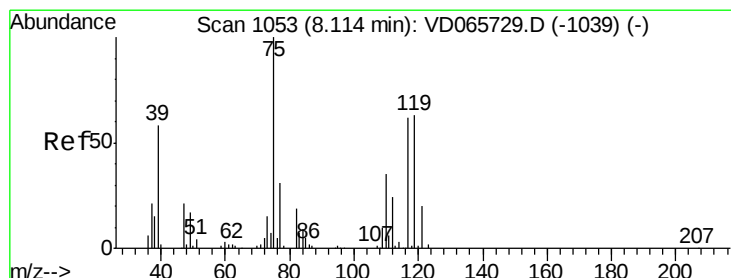
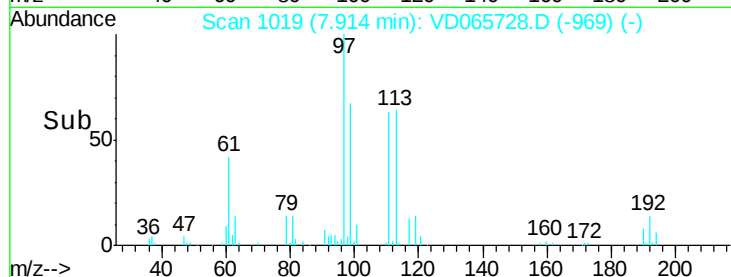
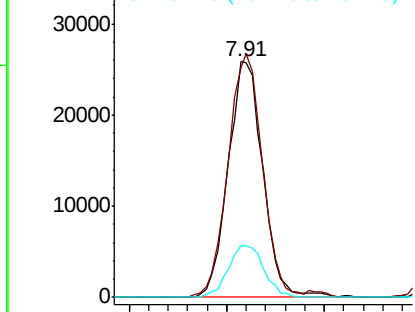
#35
 Dibromofluoromethane
 Concen: 18.223 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 63708
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 22.6 17.6 26.4

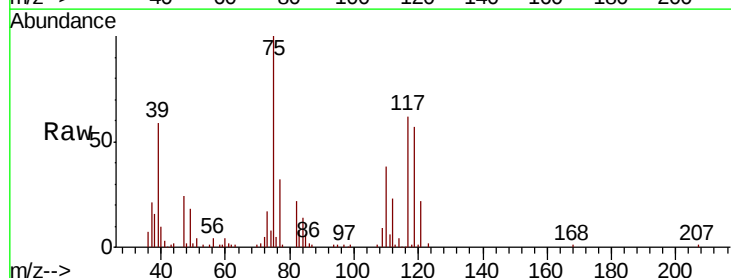


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

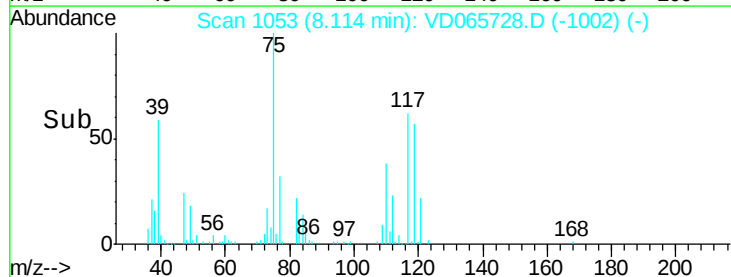
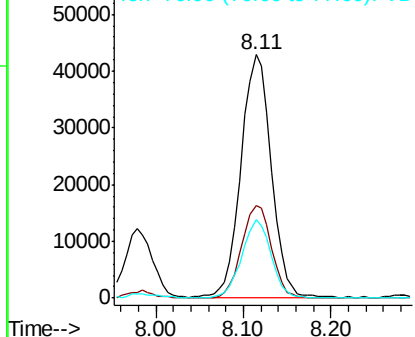


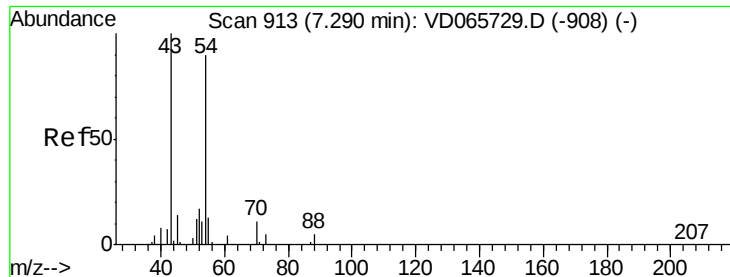
#36
 1,1-Dichloropropene
 Concen: 18.189 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion: 75 Resp: 100922
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.4 55.2
 77 31.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

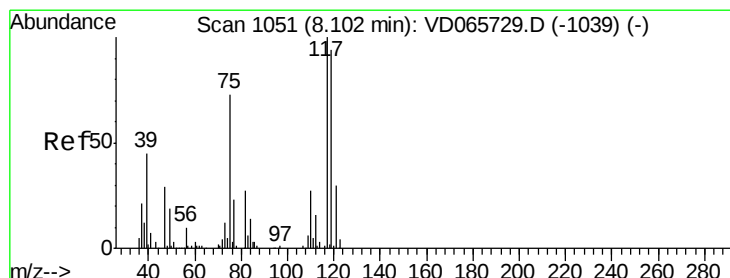
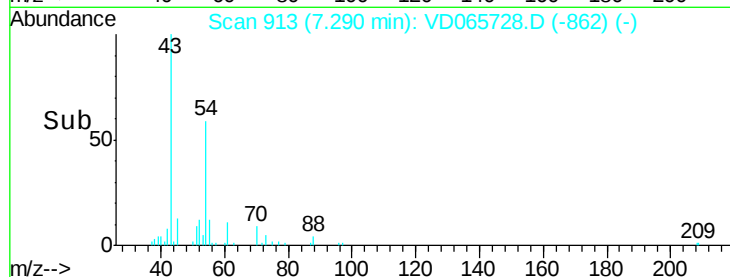
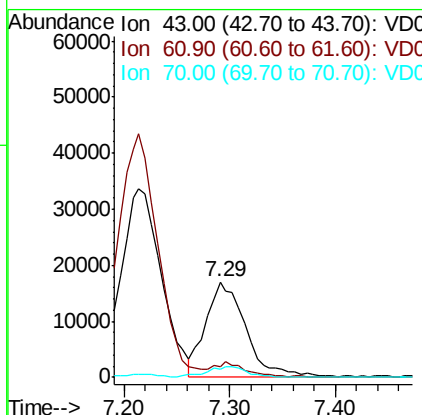
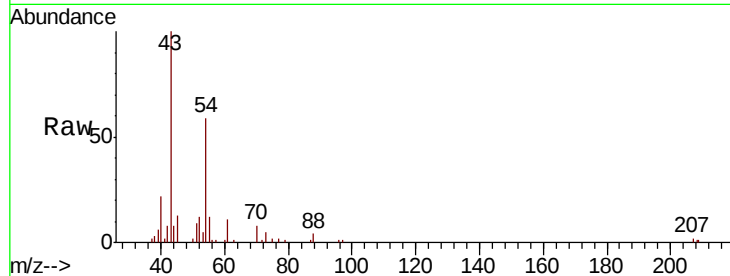




#37
Ethyl Acetate
Concen: 16.821 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

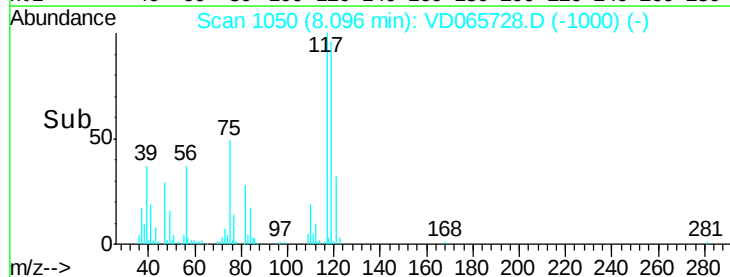
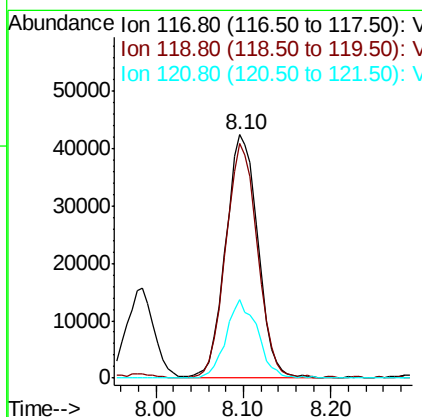
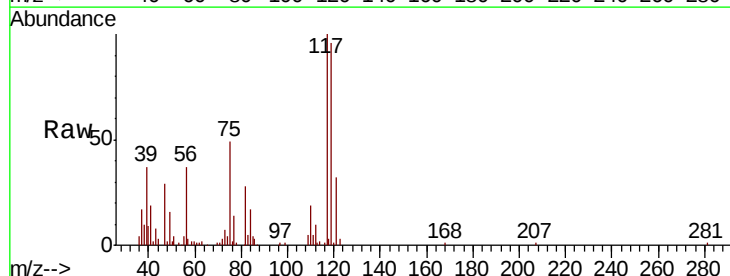
Instrument :
MSVOA_D
ClientSampleID :

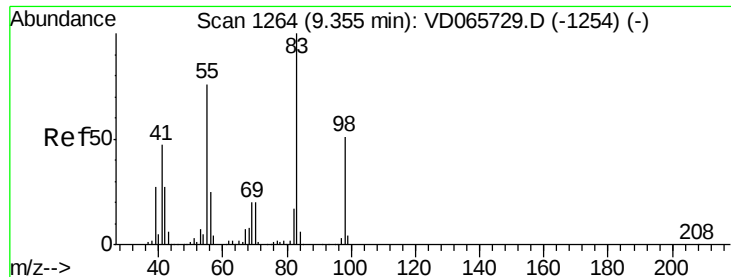
Tot Ion: 43 Resp: 44000
Ion Ratio Lower Upper
43 100
61 12.4 9.8 14.6
70 11.2 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.232 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 117 Resp: 106898
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4
121 32.2 24.4 36.6

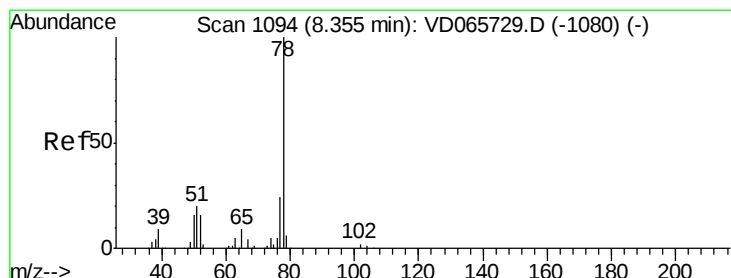
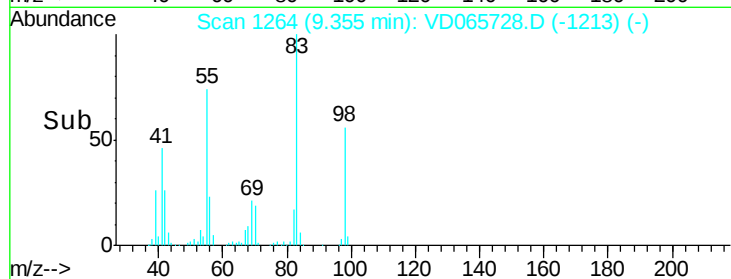
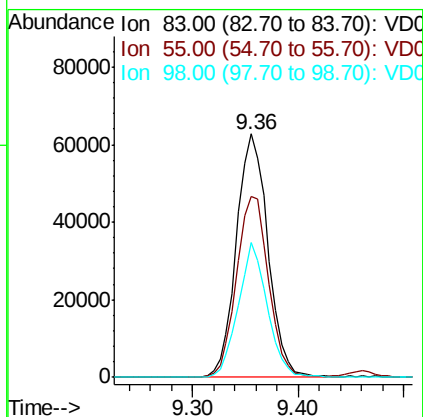
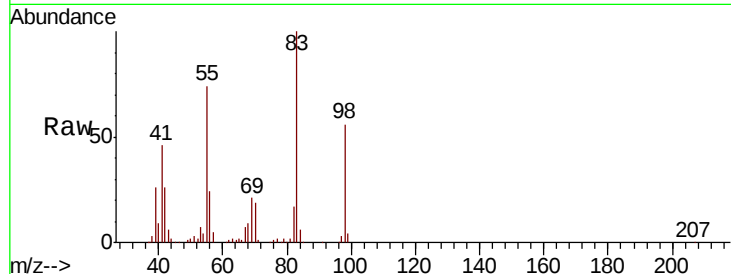




#39
Methvlcvclohexane
Concen: 18.697 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

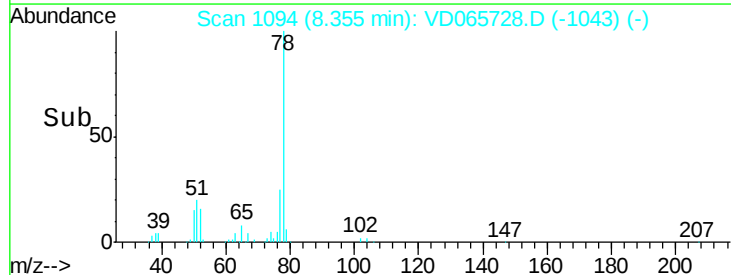
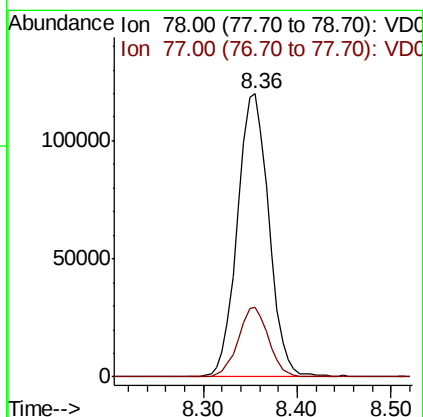
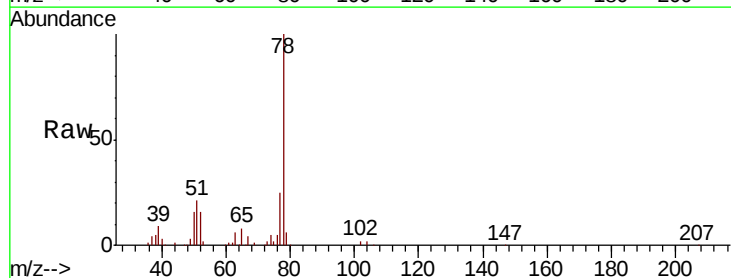
Instrument :
MSVOA_D
ClientSampleId :

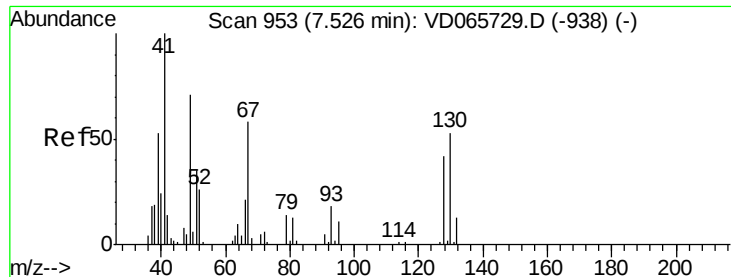
Tot Ion: 83 Resp: 130050
Ion Ratio Lower Upper
83 100
55 74.4 60.9 91.3
98 55.6 40.6 61.0



#40
Benzene
Concen: 18.376 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 78 Resp: 278814
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

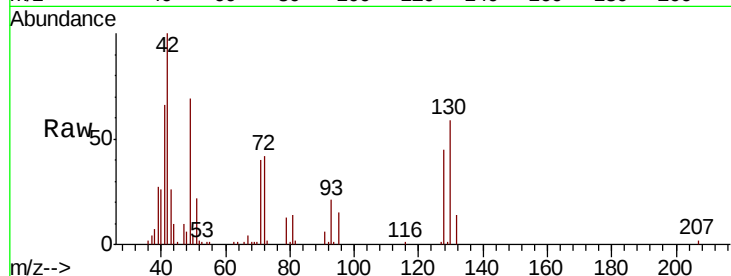




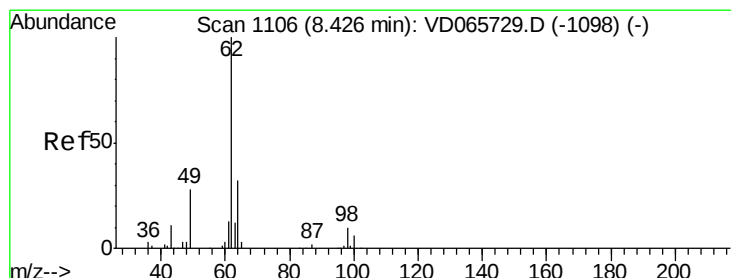
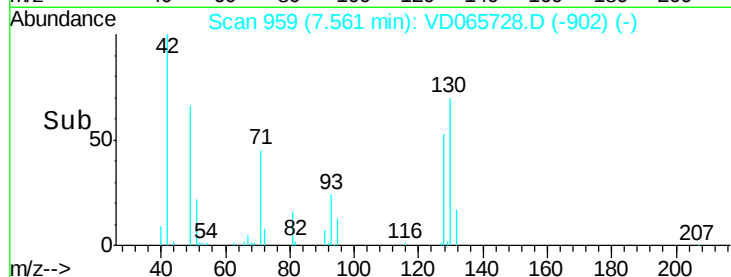
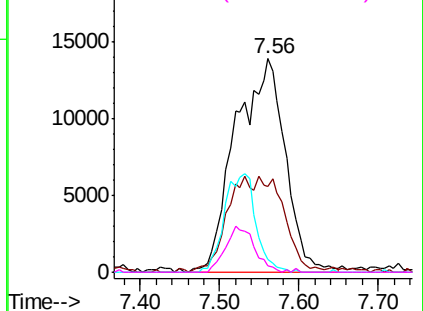
#41
Methacrylonitrile
Concen: 39.535 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 60420
Ion Ratio Lower Upper
41 100
39 0.0 56.8 85.2#
67 0.0 57.9 86.9#
52 0.0 25.9 38.9#

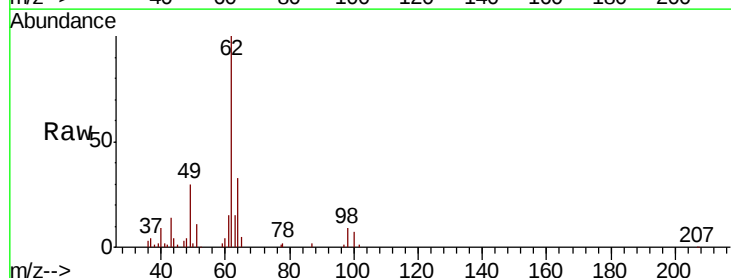


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

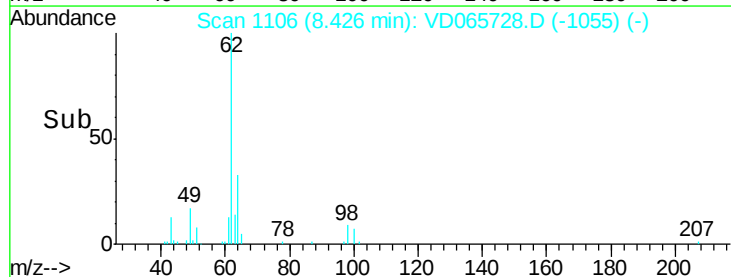
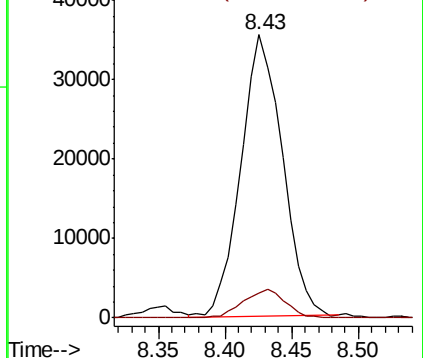


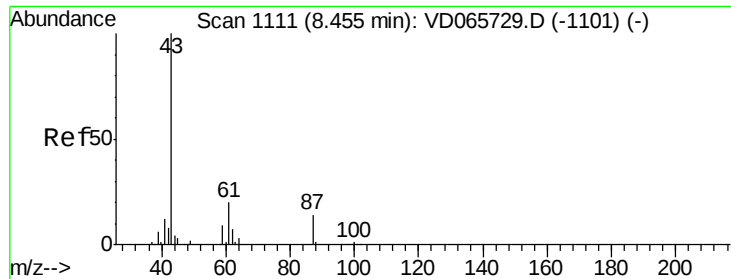
#42
1,2-Dichloroethane
Concen: 17.525 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 62 Resp: 76305
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



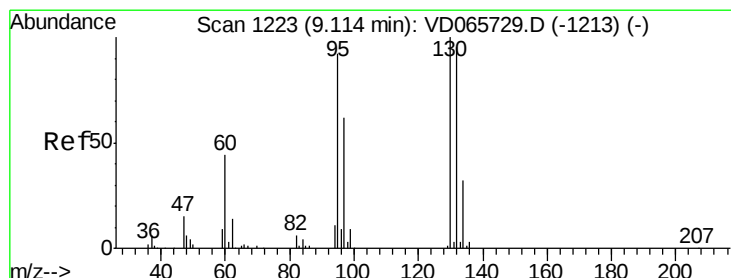
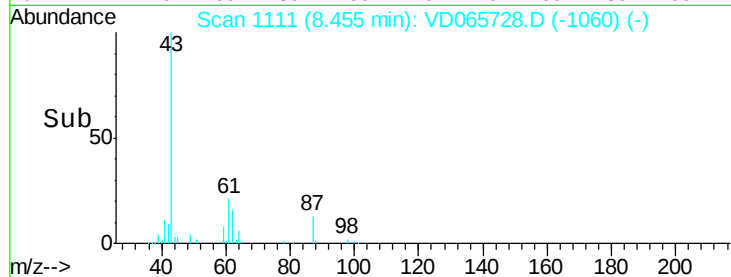
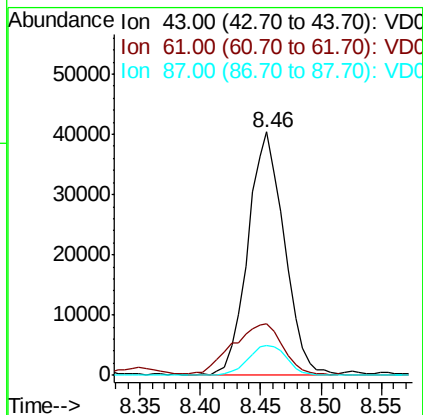
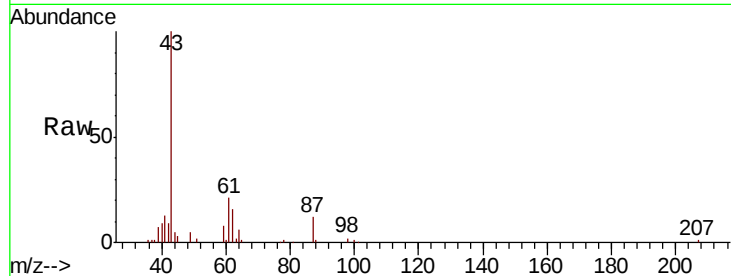


#43

Isopropyl Acetate
 Concen: 16.183 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

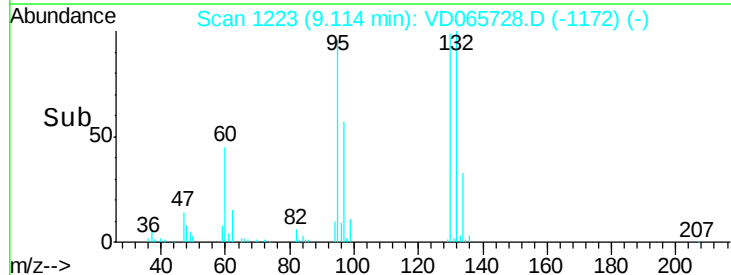
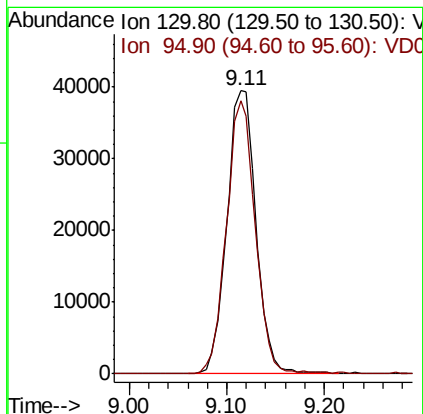
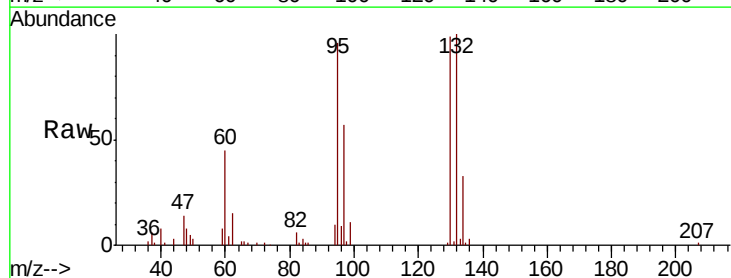
Tot Ion	43	Resp	84695
Ion Ratio	Lower	Upper	
43	100		
61	29.6	23.8	35.6
87	12.9	10.5	15.7

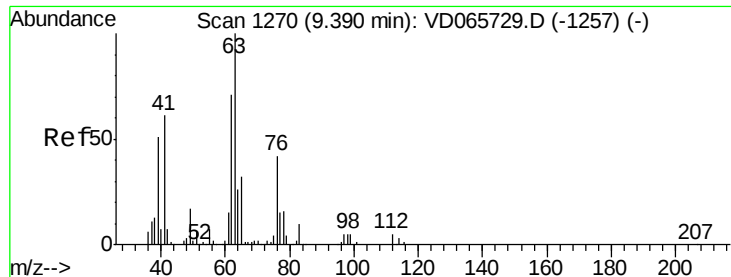


#44

Trichloroethene
 Concen: 19.335 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion	130	Resp	81885
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	183.6

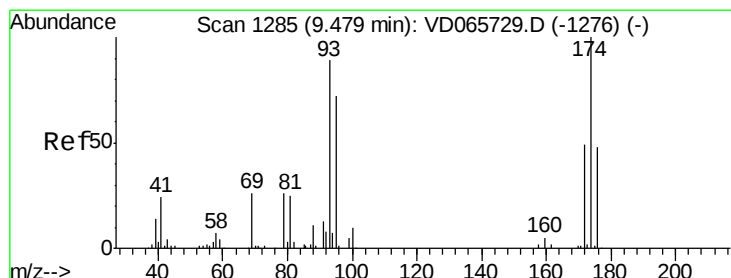
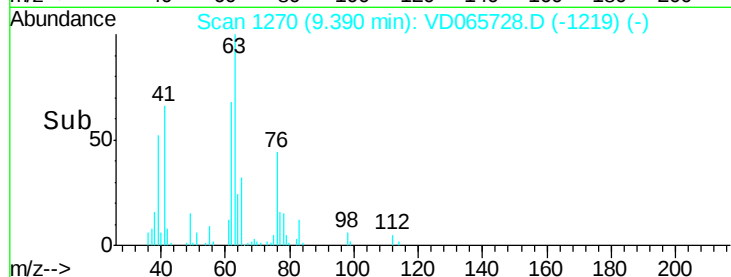
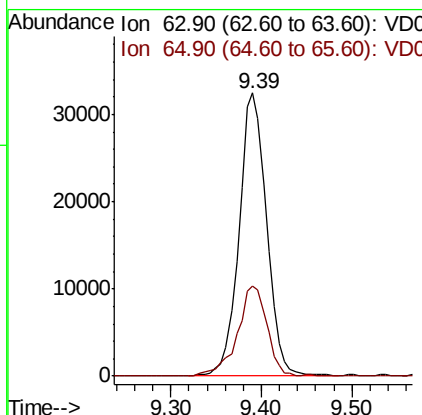
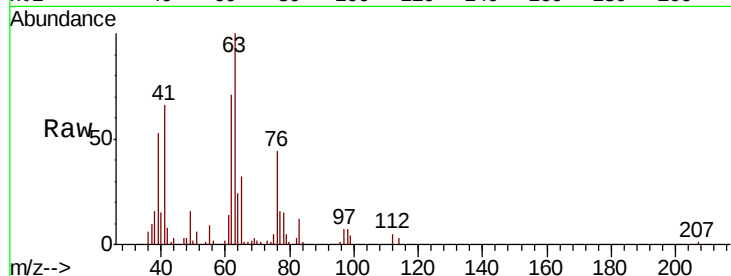




#45
 1,2-Dichloropropane
 Concen: 17.553 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

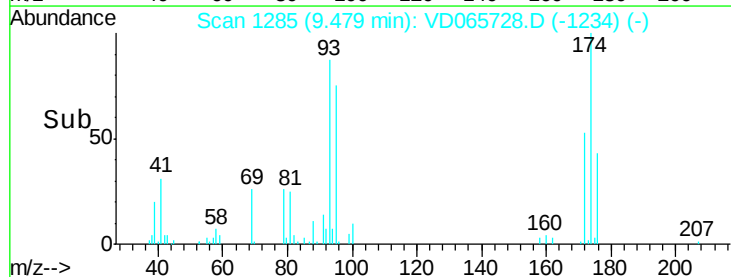
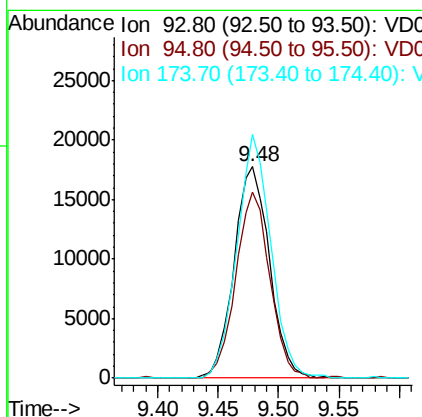
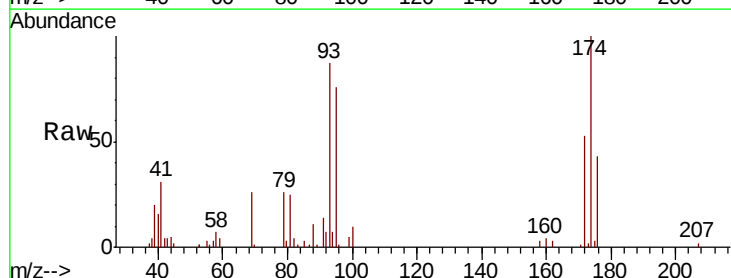
Instrument :
 MSVOA_D
 ClientSampleId :

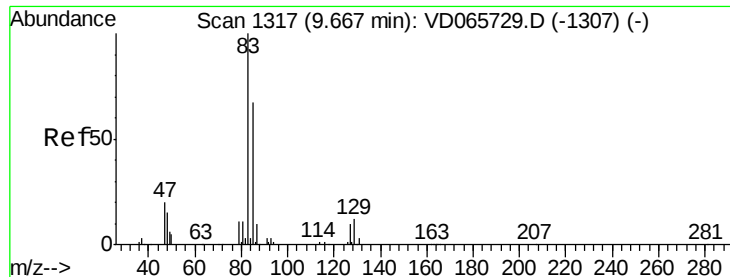
Tot Ion: 63 Resp: 68329
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.3 37.9



#46
 Dibromomethane
 Concen: 18.465 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion: 93 Resp: 36387
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.4 98.2
 174 110.5 89.9 134.9





#47

Bromodichloromethane

Concen: 18.143 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

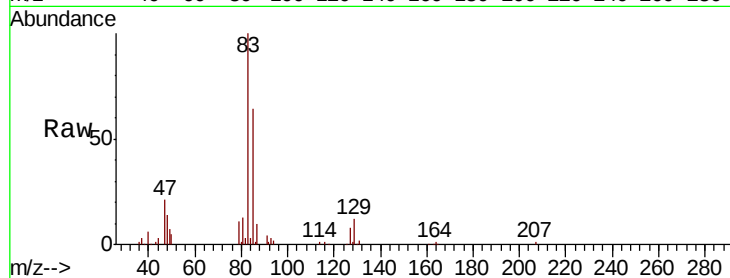
Tot Ion: 83 Resp: 95616

Ion Ratio Lower Upper

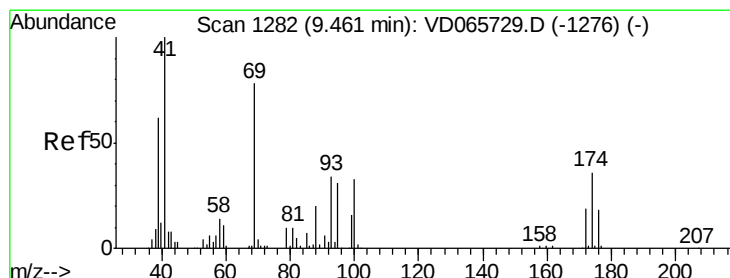
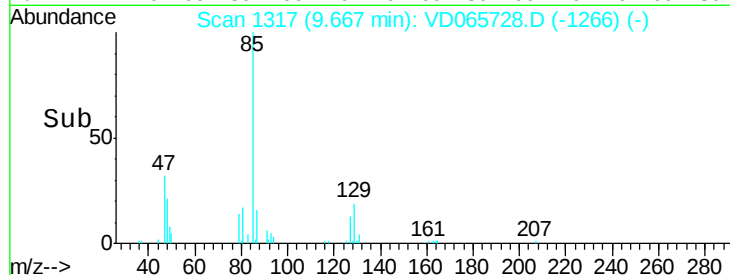
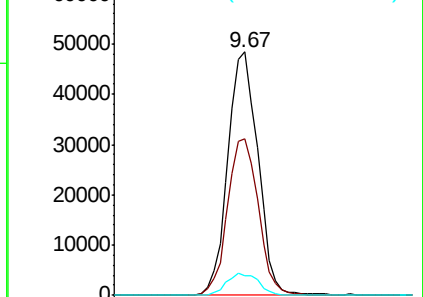
83 100

85 64.4 53.6 80.4

127 8.1 7.7 11.5



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



#48

Methyl methacrylate

Concen: 16.546 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

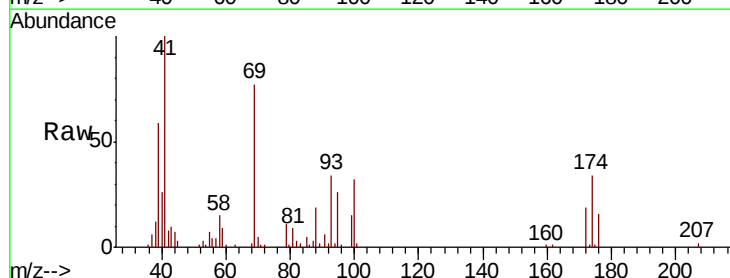
Tgt Ion: 41 Resp: 43265

Ion Ratio Lower Upper

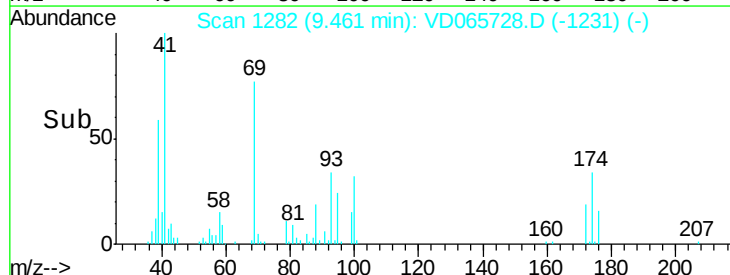
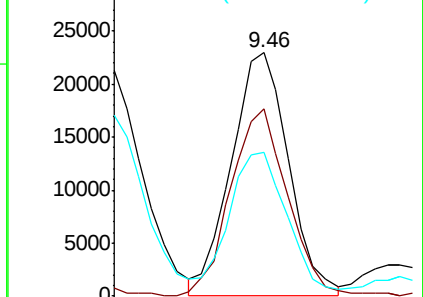
41 100

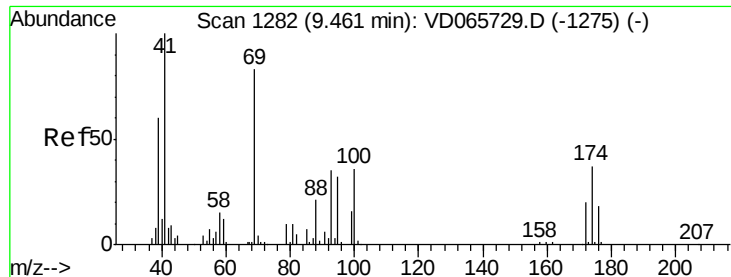
69 76.9 64.4 96.6

39 55.1 46.7 70.1



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

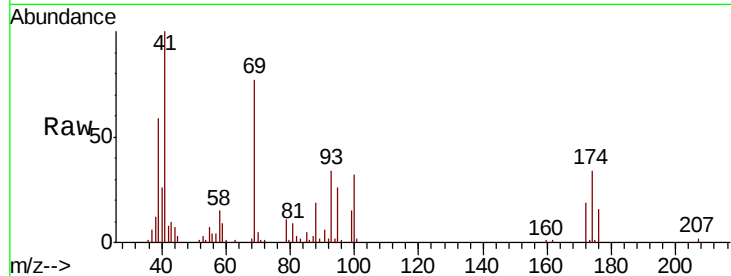




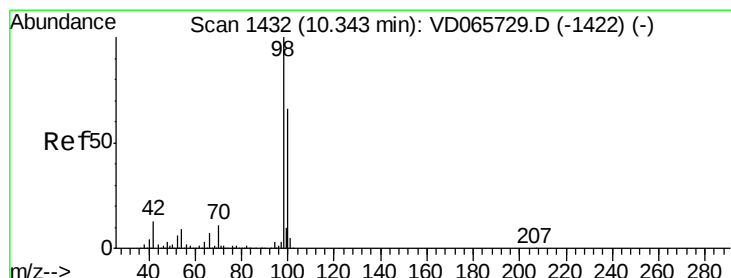
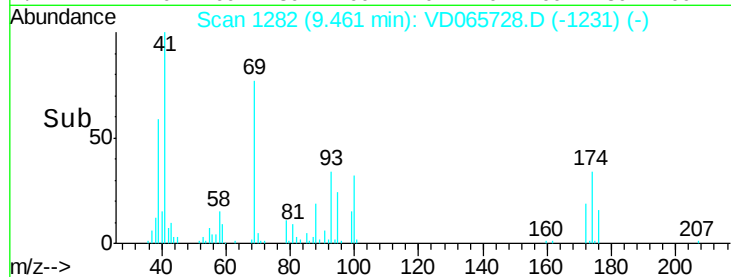
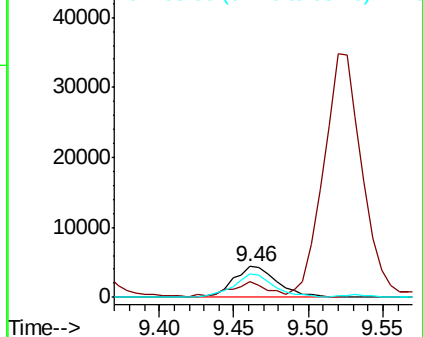
#49
1,4-Dioxane
Concen: 375.771 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 8996
Ion Ratio Lower Upper
88 100
43 43.0 29.4 44.0
58 68.9 55.1 82.7

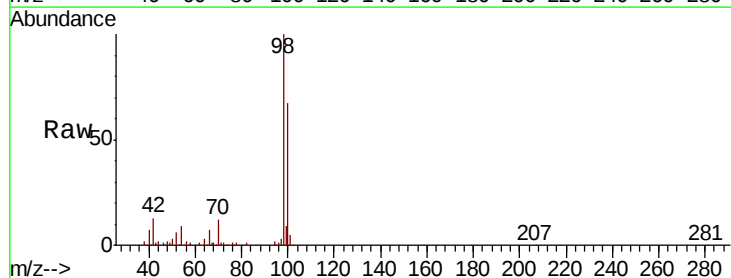


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

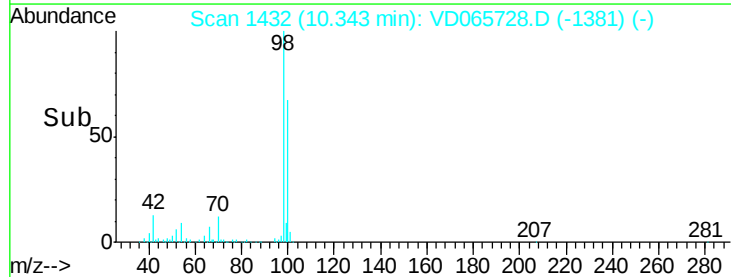
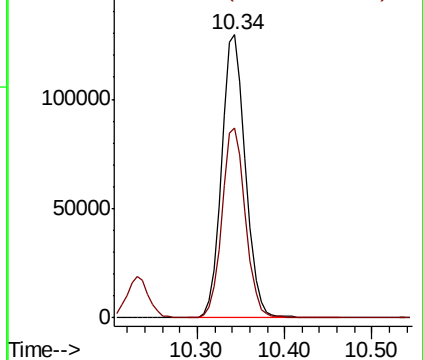


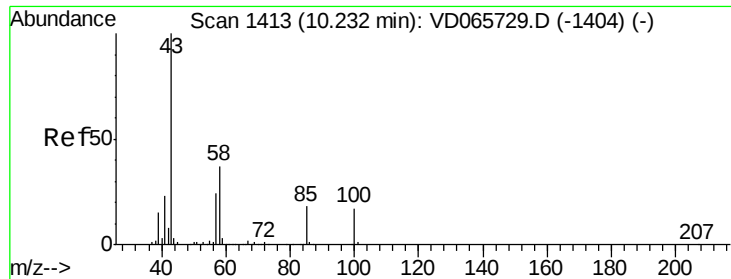
#50
Toluene-d8
Concen: 18.166 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 98 Resp: 242608
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



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





#51

4-Methyl-2-Pentanone

Concen: 81.768 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

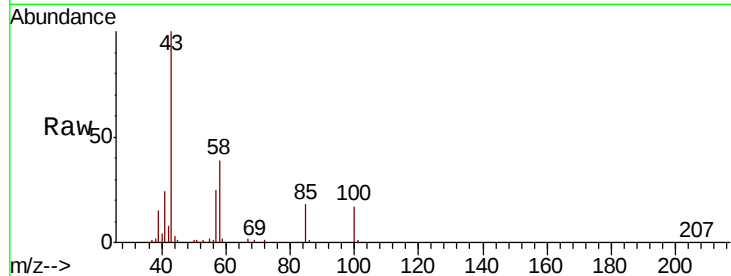
ClientSampled :

Tot Ion: 43 Resp: 206318

Ion Ratio Lower Upper

43 100

58 37.2 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

120000

100000

80000

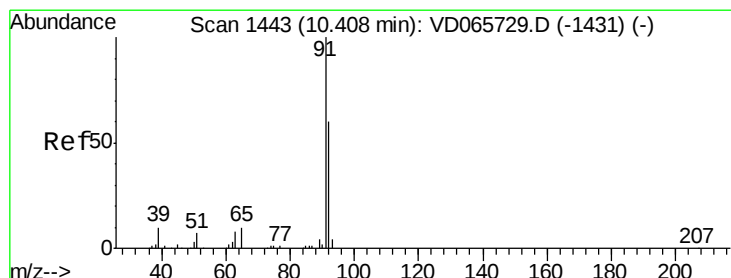
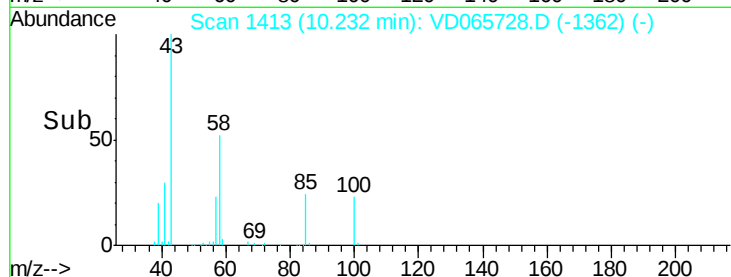
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 18.955 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065728.D

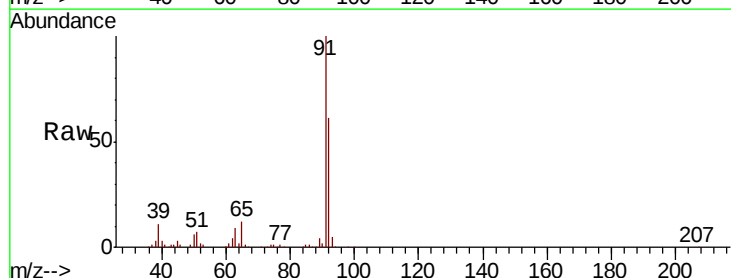
Acq: 13 May 2020 12:54

Tgt Ion: 92 Resp: 182885

Ion Ratio Lower Upper

92 100

91 169.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

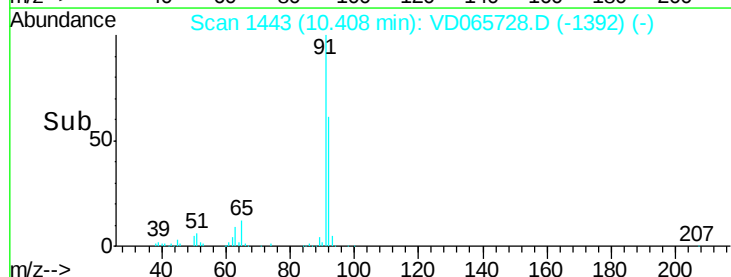
150000

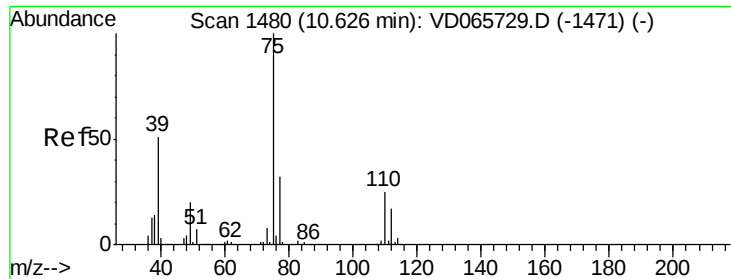
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.391 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

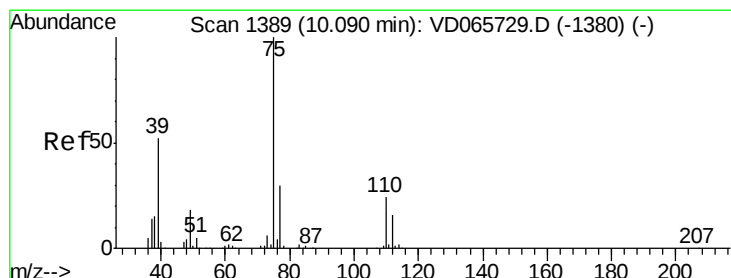
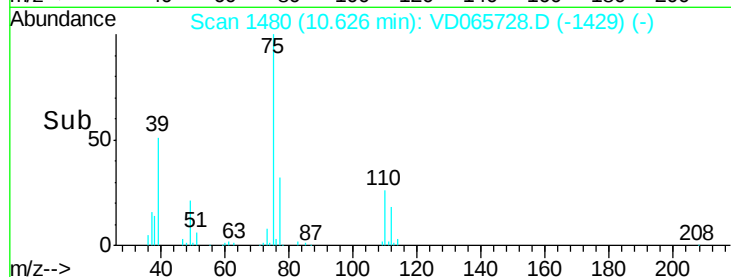
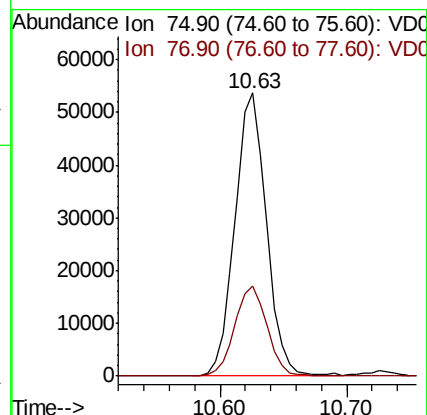
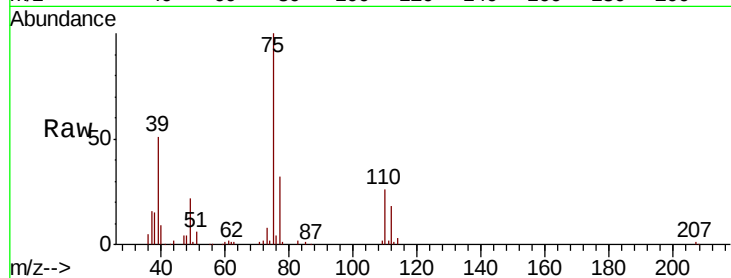
ClientSampled :

Tot Ion: 75 Resp: 92181

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.862 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

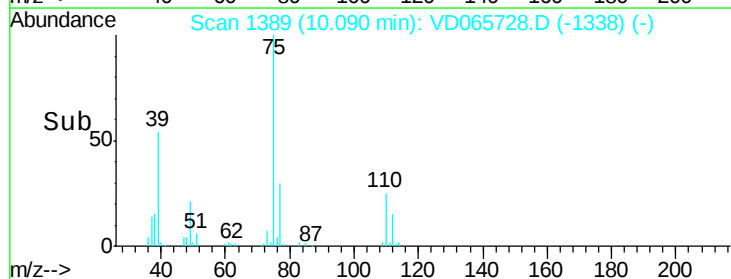
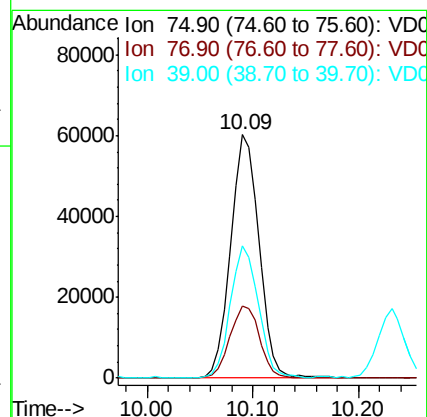
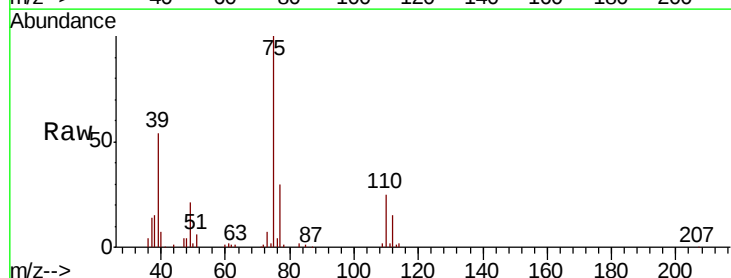
Tgt Ion: 75 Resp: 112144

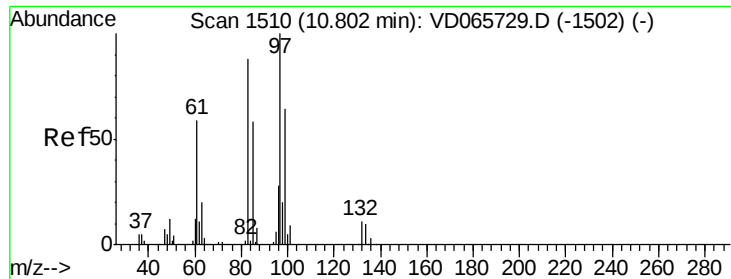
Ion Ratio Lower Upper

75 100

77 29.5 23.8 35.6

39 54.3 41.9 62.9

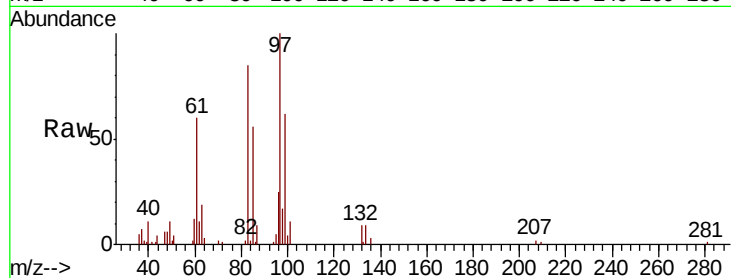




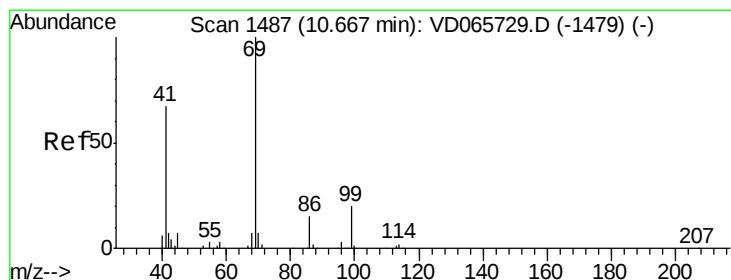
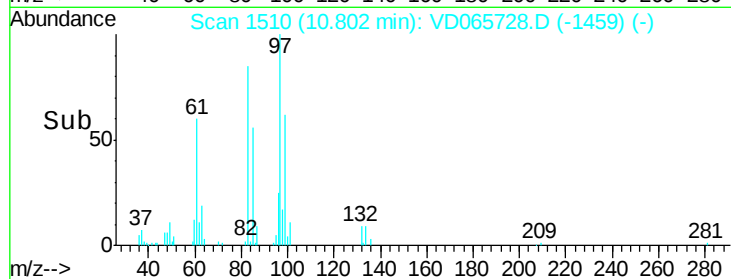
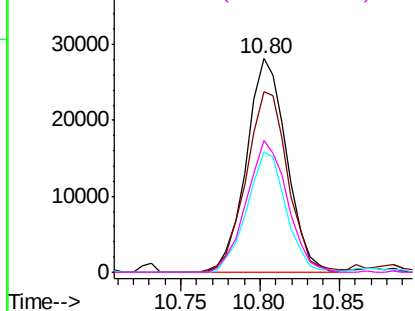
#55
 1,1,2-Trichloroethane
 Concen: 18.644 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 49512
 Ion Ratio Lower Upper
 97 100
 83 84.8 70.7 106.1
 85 56.2 46.8 70.2
 99 61.5 50.9 76.3

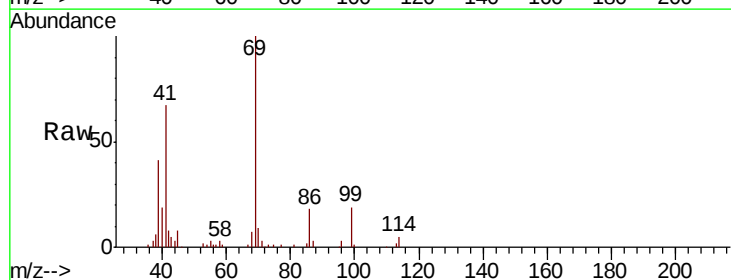


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

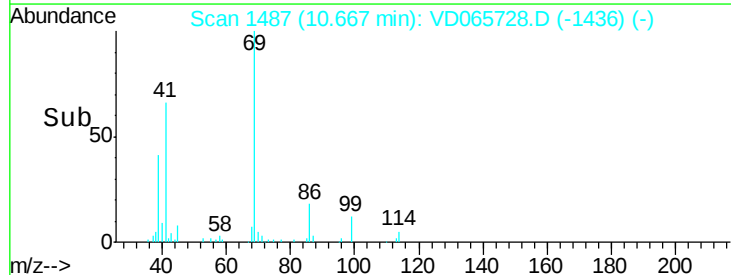
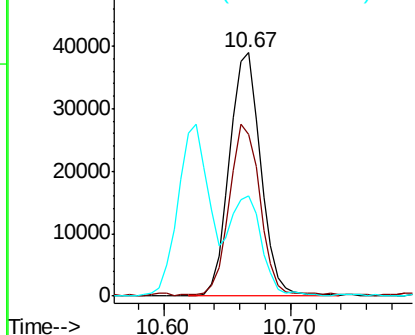


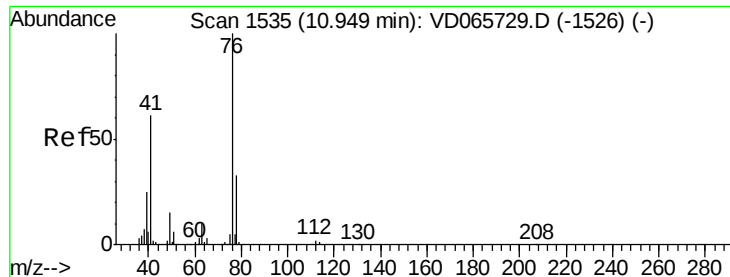
#56
 Ethyl methacrylate
 Concen: 17.533 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion: 69 Resp: 66484
 Ion Ratio Lower Upper
 69 100
 41 68.7 55.7 83.5
 39 42.1 28.6 43.0



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





#57

1,3-Dichloropropane

Concen: 18.526 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

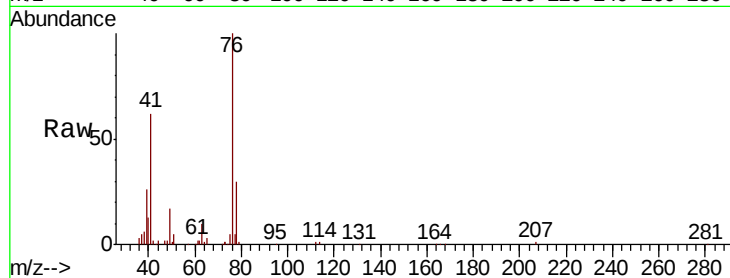
ClientSampled :

Tot Ion: 76 Resp: 88143

Ion Ratio Lower Upper

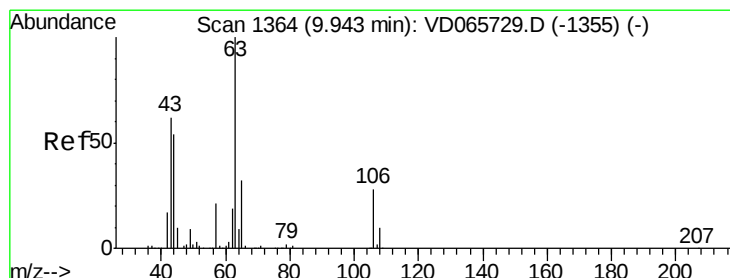
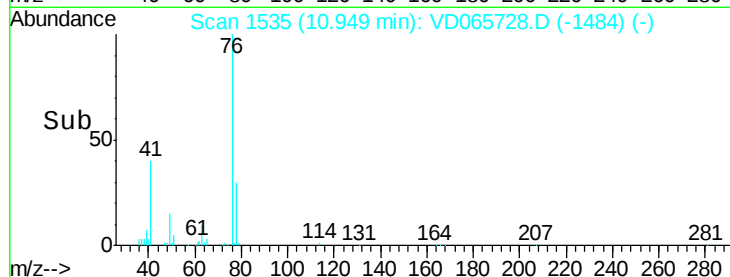
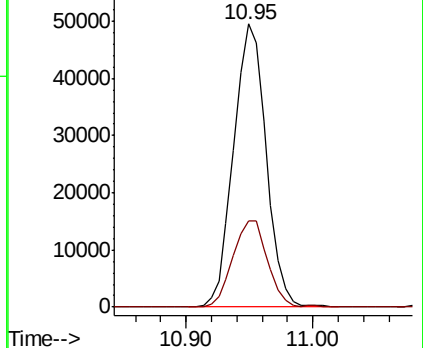
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 80.488 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065728.D

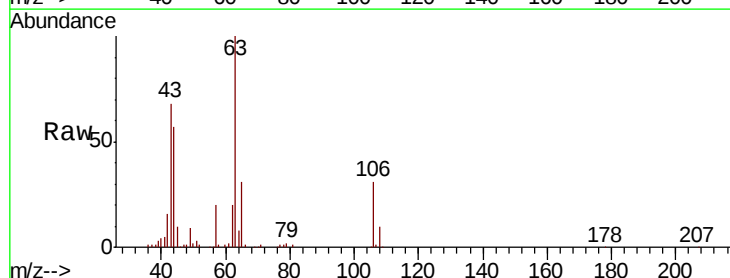
Acq: 13 May 2020 12:54

Tgt Ion: 63 Resp: 141239

Ion Ratio Lower Upper

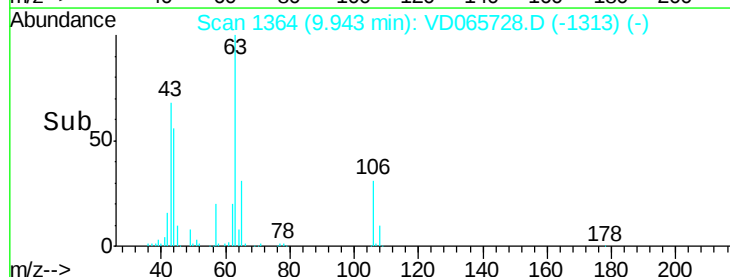
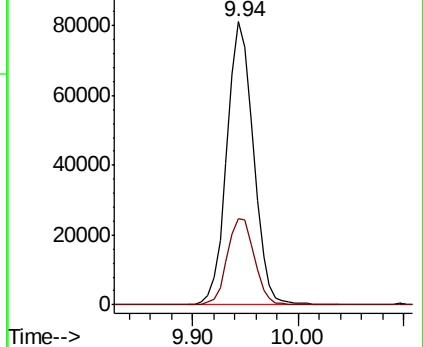
63 100

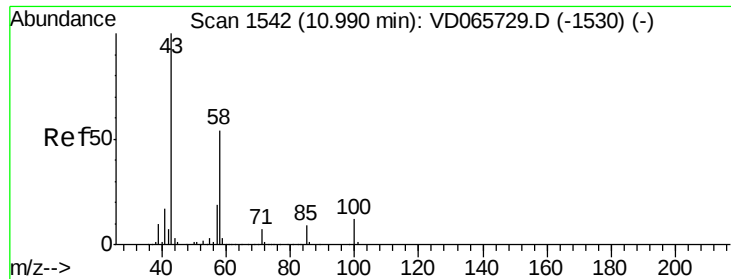
106 31.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

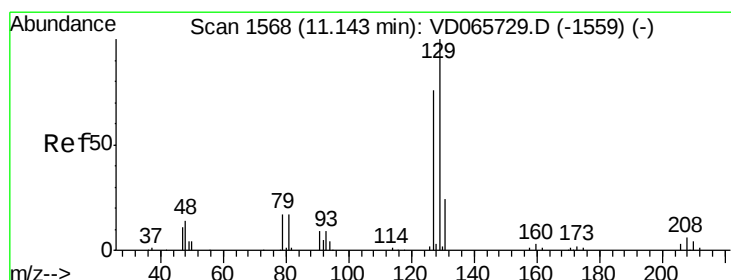
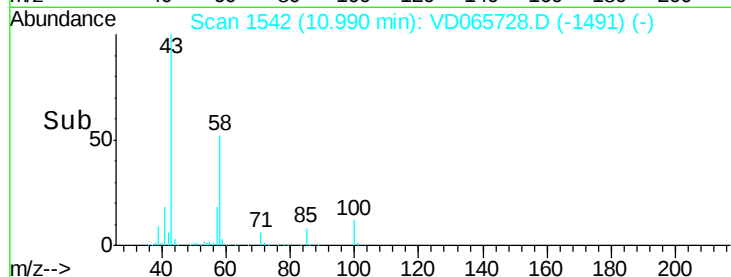
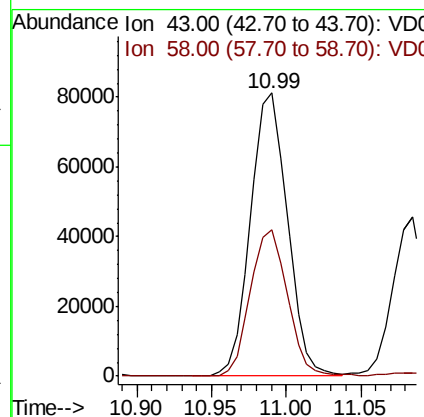
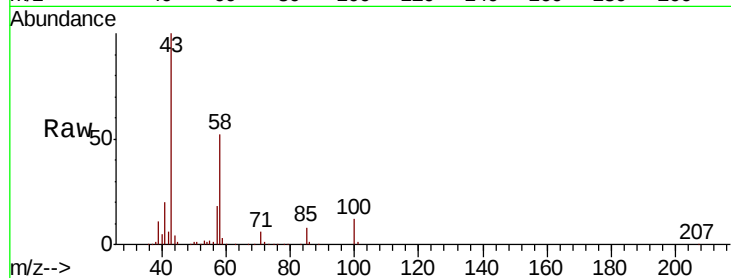




#59
2-Hexanone
Concen: 80.523 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

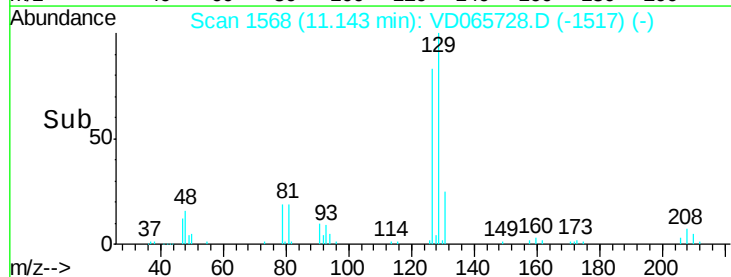
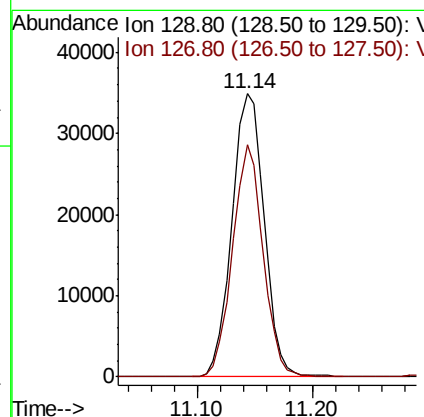
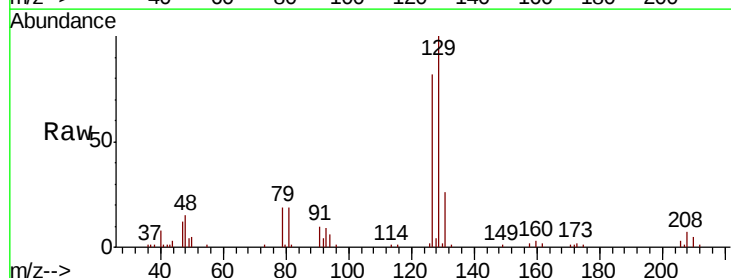
Instrument :
MSVOA_D
ClientSampled :

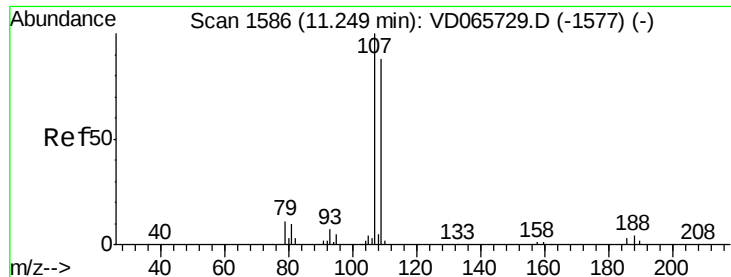
Tot Ion: 43 Resp: 139203
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.1



#60
Dibromochloromethane
Concen: 18.798 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 129 Resp: 67600
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

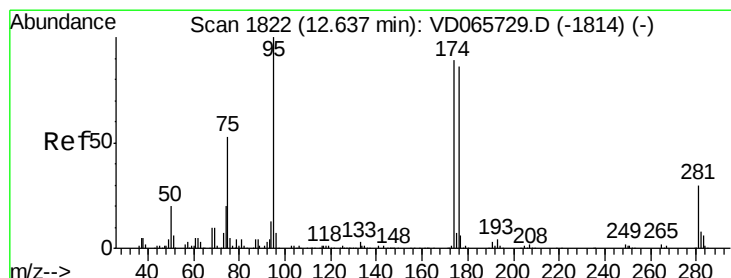
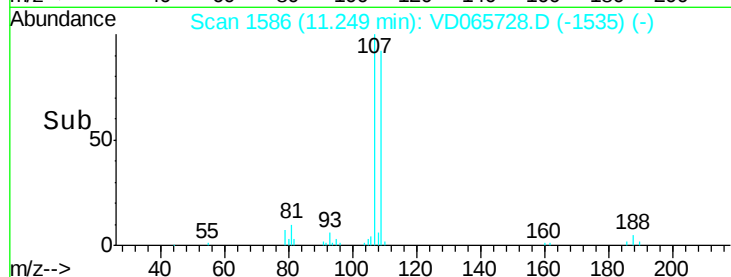
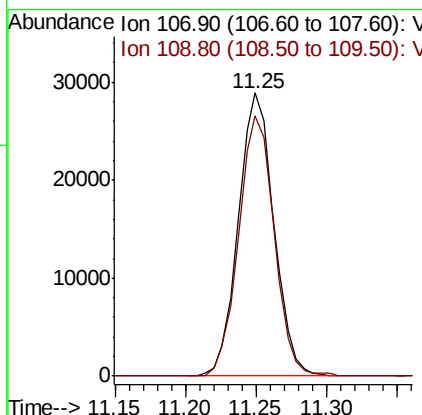
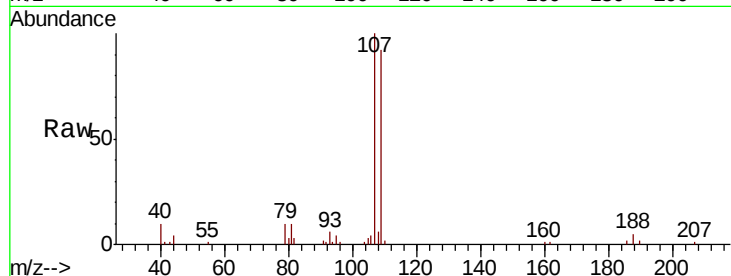




#61
 1,2-Dibromoethane
 Concen: 19.000 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

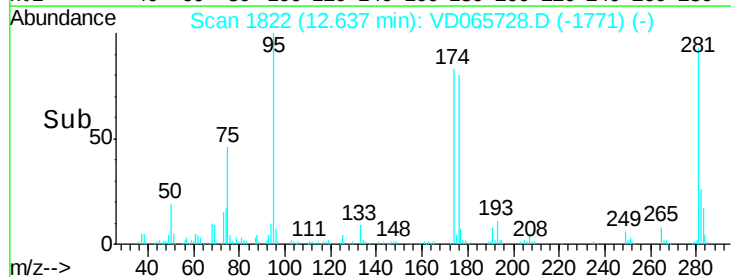
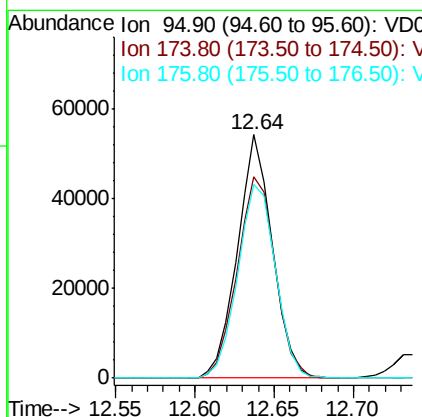
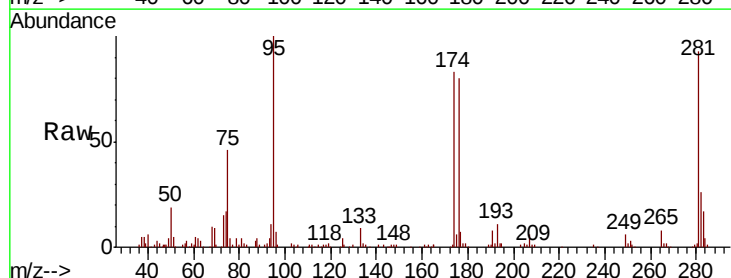
Instrument :
 MSVOA_D
 ClientSampleId :

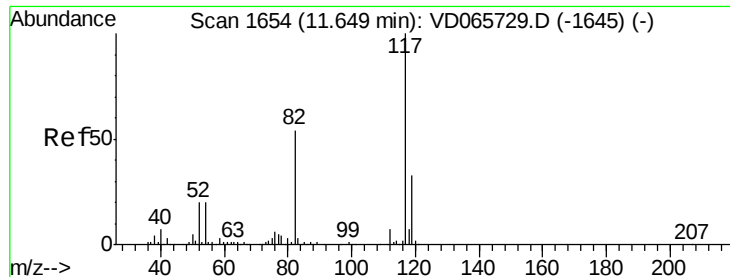
Tot Ion:107 Resp: 50777
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 17.641 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion: 95 Resp: 83084
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 179.4
 176 86.1 0.0 174.0

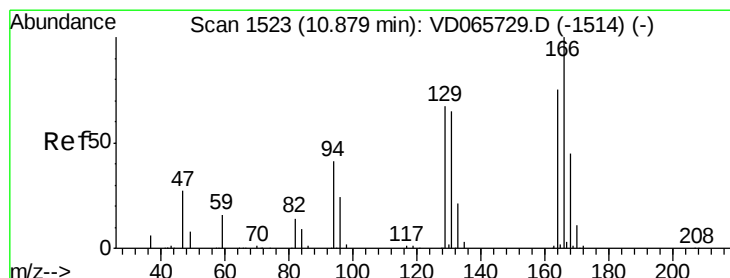
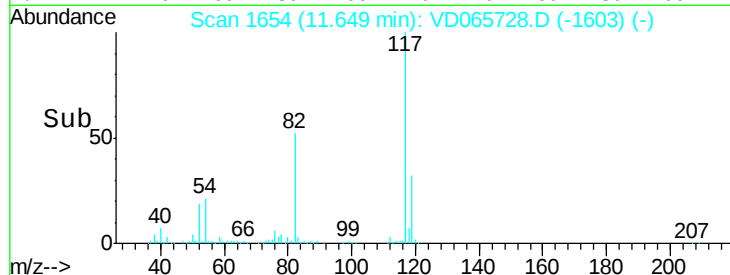
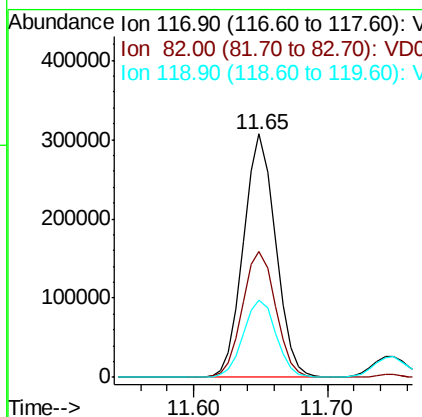
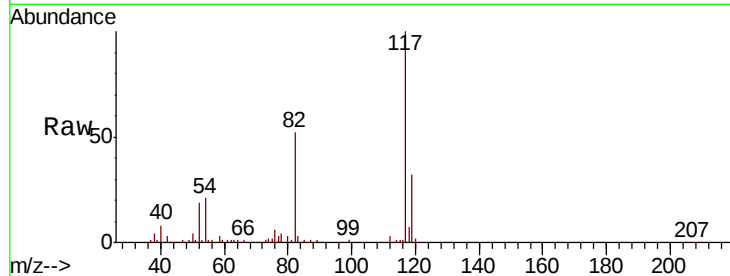




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

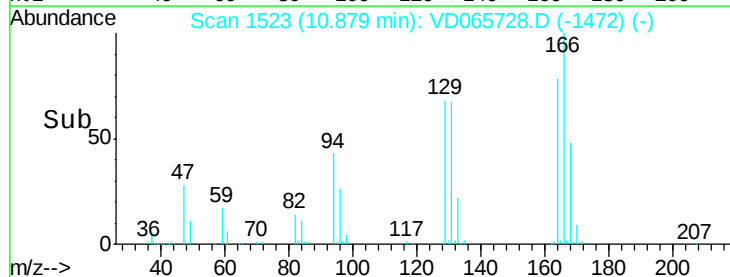
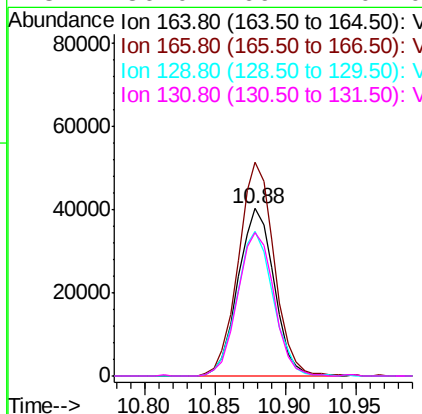
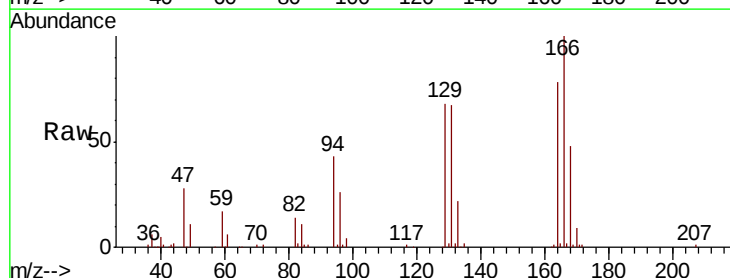
Instrument :
MSVOA_D
ClientSampleId :

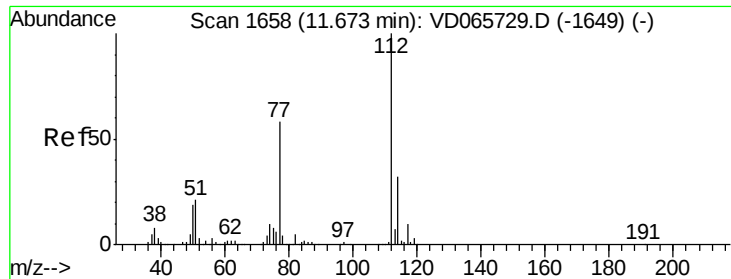
Tot Ion:117 Resp: 511883
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.6
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 20.055 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion:164 Resp: 72275
Ion Ratio Lower Upper
164 100
166 127.7 106.6 159.8
129 86.3 71.4 107.2
131 86.0 69.4 104.0

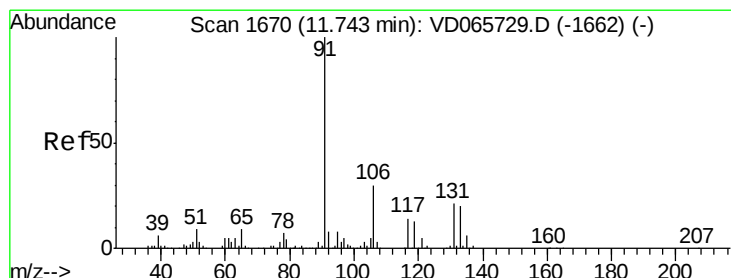
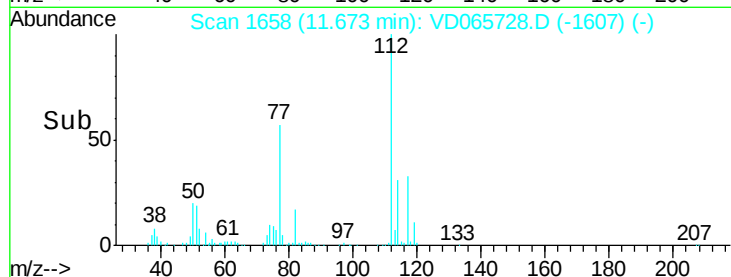
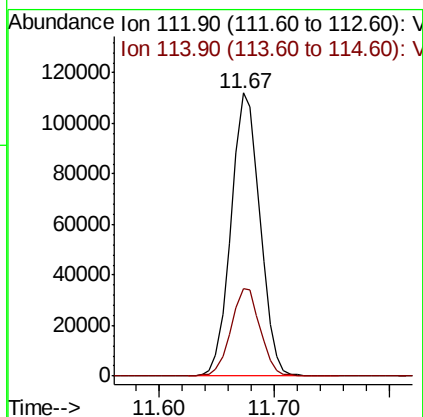
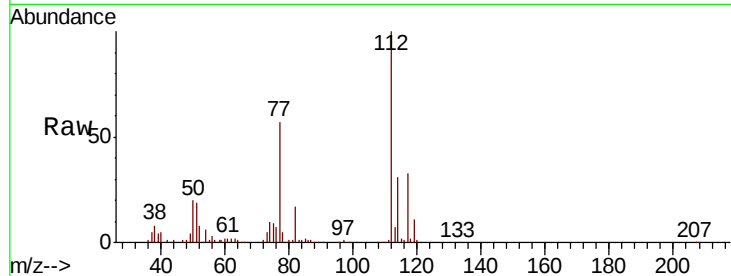




#65
Chlorobenzene
Concen: 19.208 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

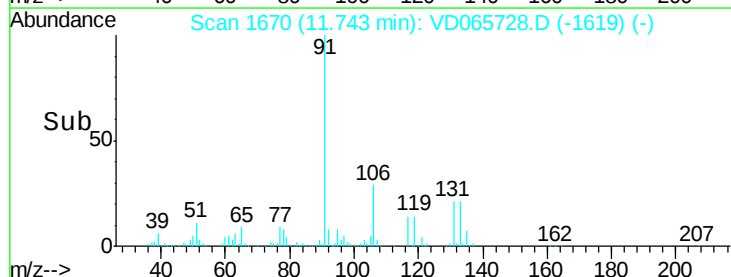
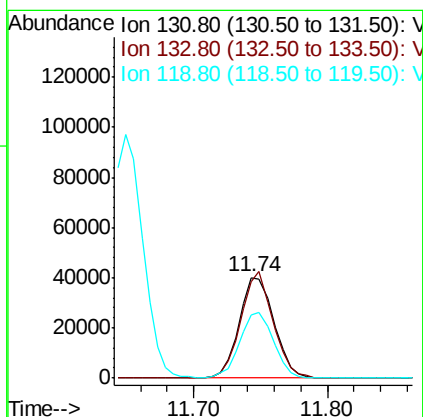
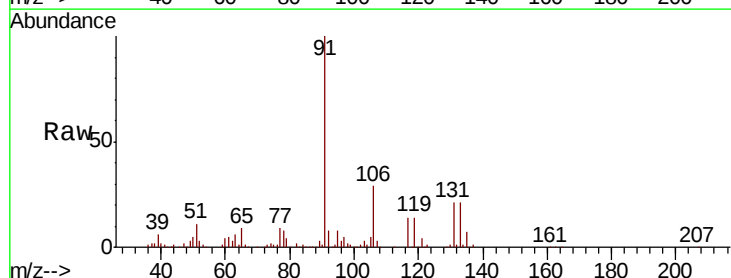
Instrument :
MSVOA_D
ClientSampleId :

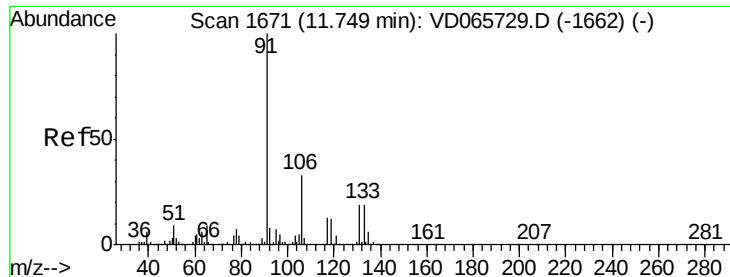
Tot Ion:112 Resp: 195354
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.214 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion:131 Resp: 72741
Ion Ratio Lower Upper
131 100
133 97.4 47.6 142.8
119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 18.477 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

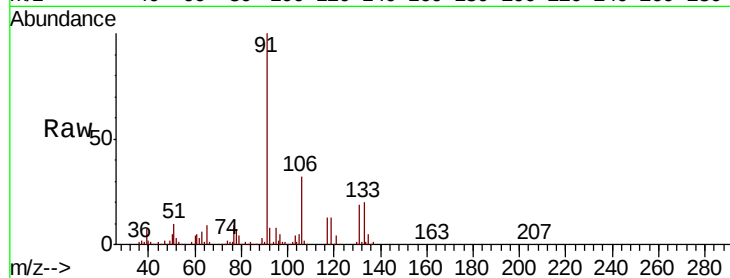
ClientSampled :

Tot Ion: 91 Resp: 348289

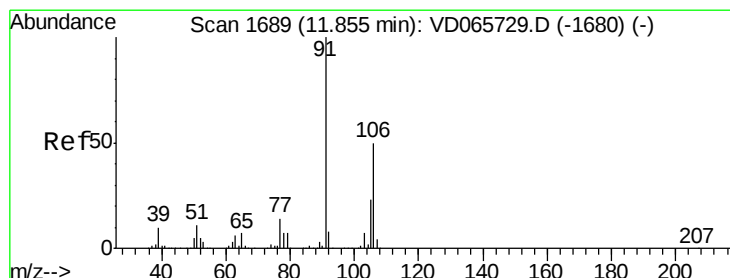
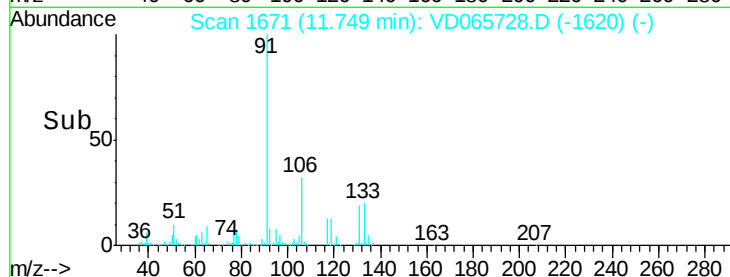
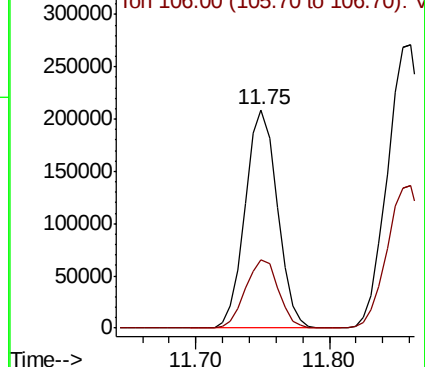
Ion Ratio Lower Upper

91 100

106 31.5 26.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 37.989 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065728.D

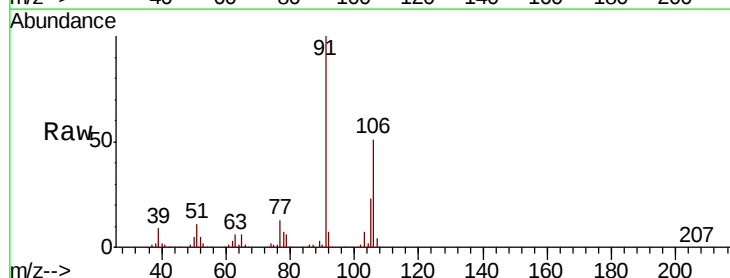
Acq: 13 May 2020 12:54

Tgt Ion: 106 Resp: 268006

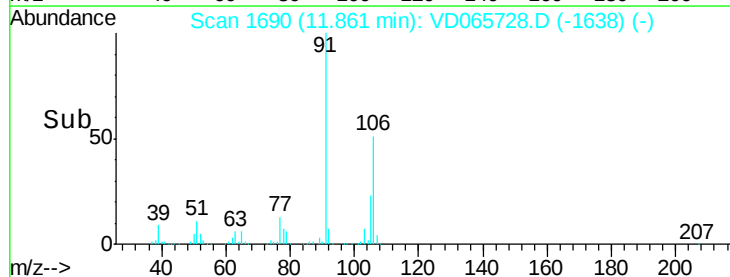
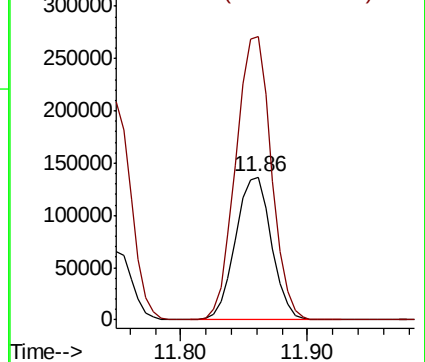
Ion Ratio Lower Upper

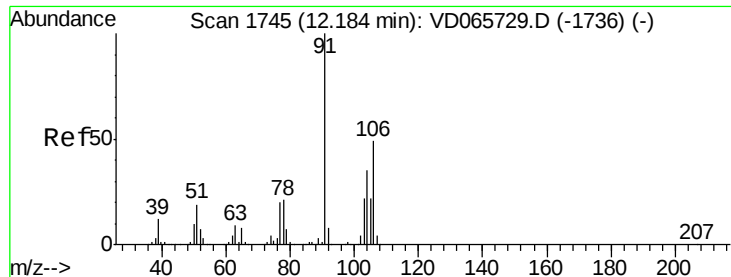
106 100

91 196.6 158.7 238.1



Abundance Ion 106.00 (105.70 to 106.70): V

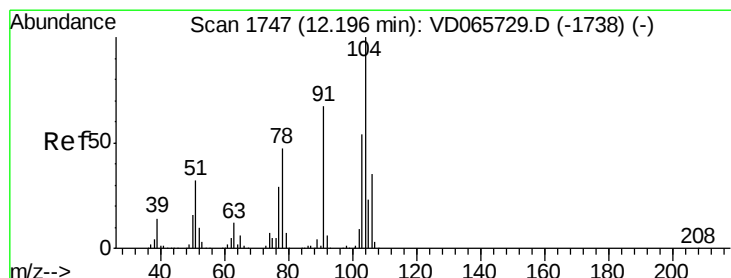
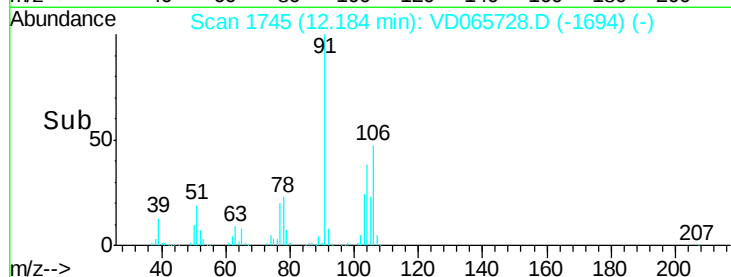
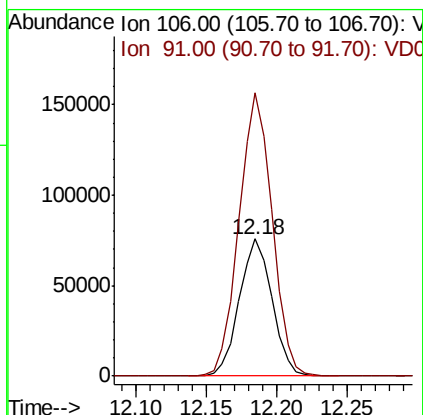
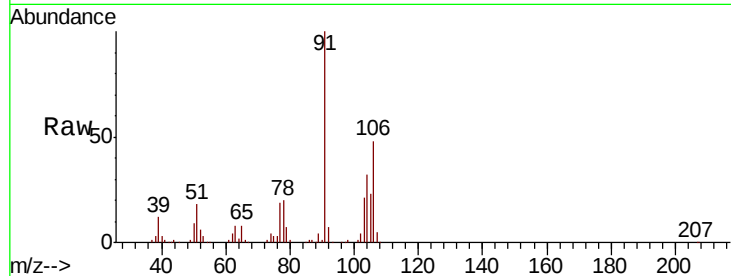




#69
o-Xylene
Concen: 18.669 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

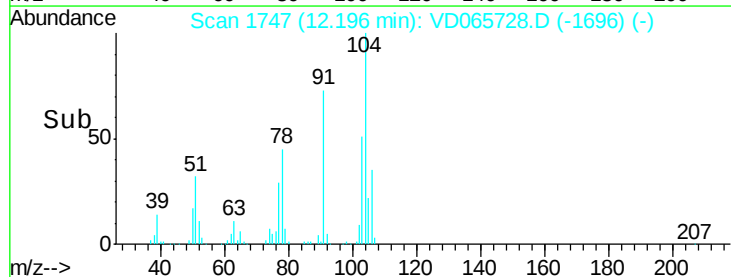
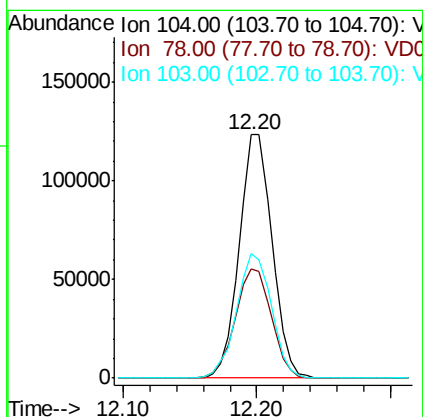
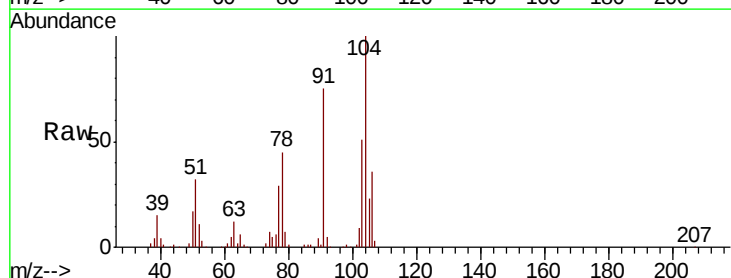
Instrument :
MSVOA_D
ClientSampleId :

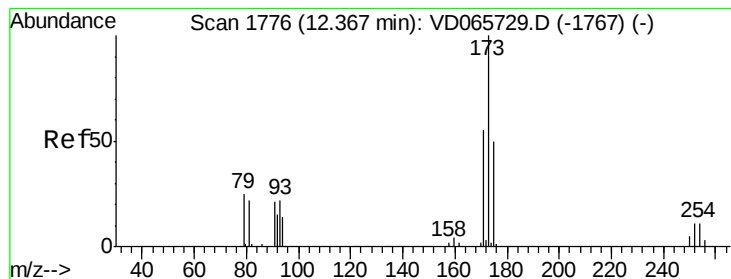
Tot Ion:106 Resp: 122943
Ion Ratio Lower Upper
106 100
91 209.1 101.8 305.4



#70
Styrene
Concen: 18.698 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion:104 Resp: 211229
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 54.3 44.0 66.0





#71

Bromoform

Concen: 19.291 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

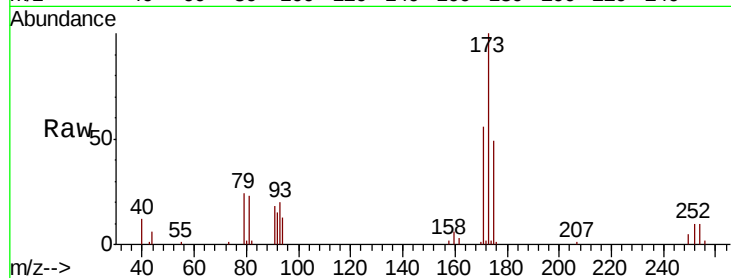
Tot Ion:173 Resp: 41148

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.6

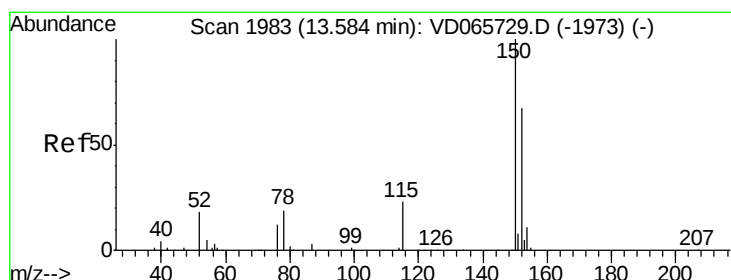
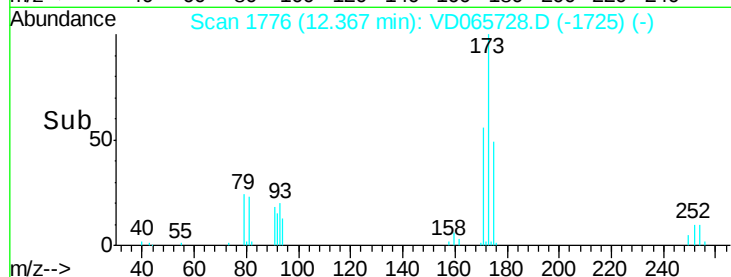
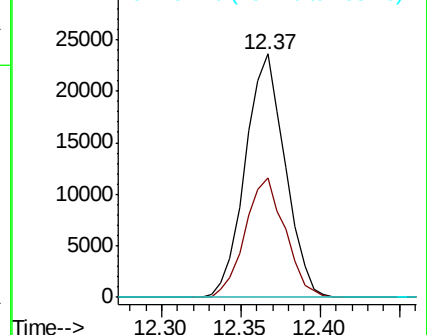
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

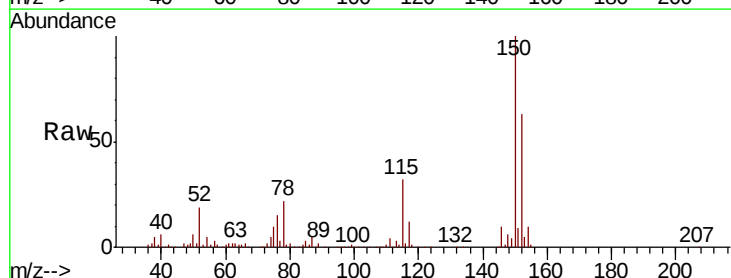
Tgt Ion:152 Resp: 249202

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.3

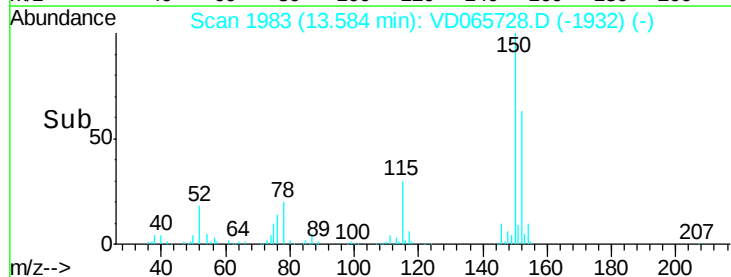
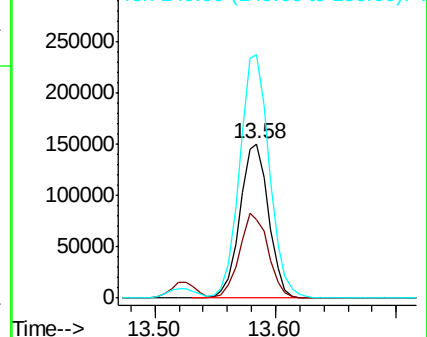
150 164.1 0.0 343.2

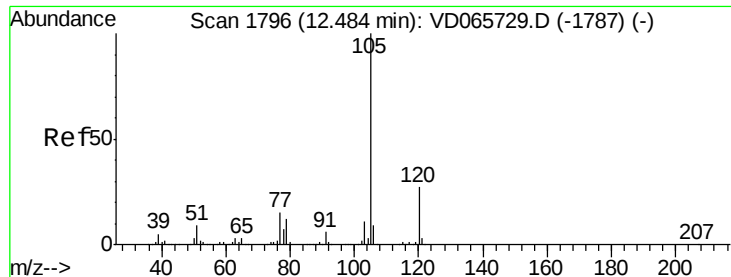


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.701 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

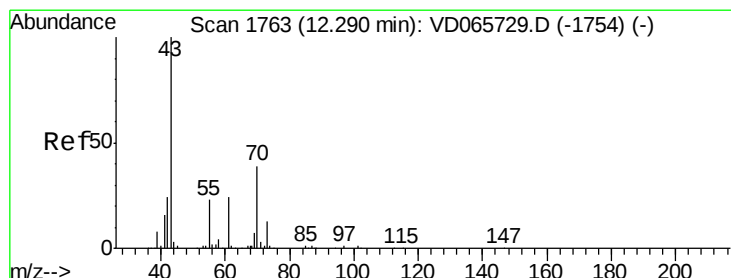
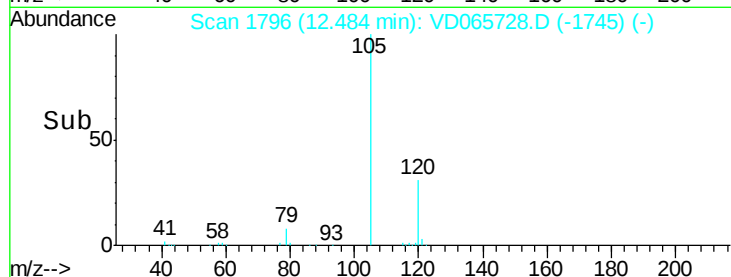
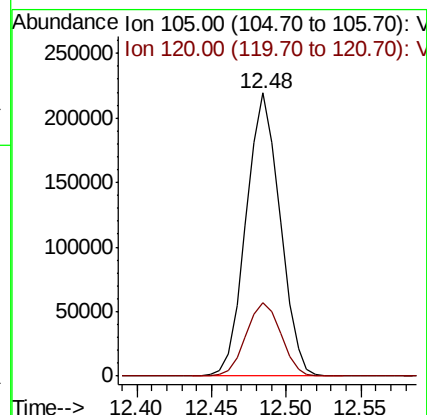
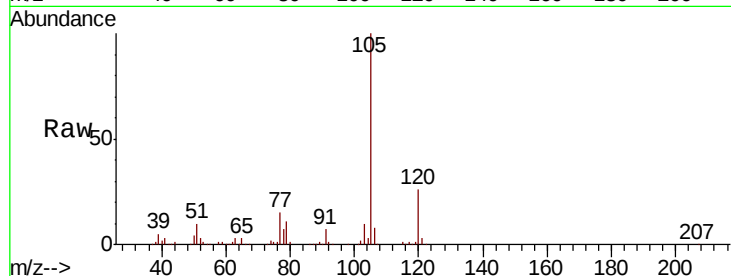
ClientSampleId :

Tot Ion:105 Resp: 345448

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.0



#74

N-ethyl acetate

Concen: 15.428 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Tgt Ion: 43 Resp: 79141

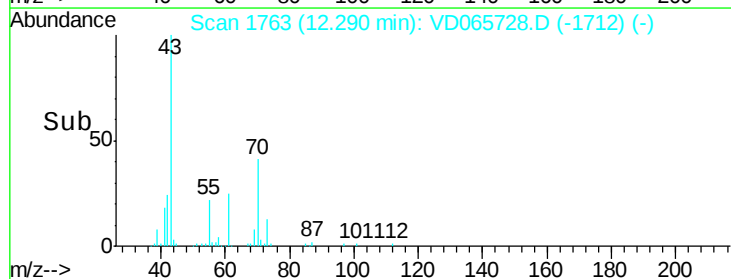
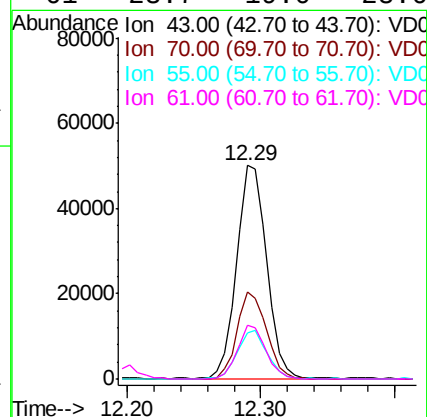
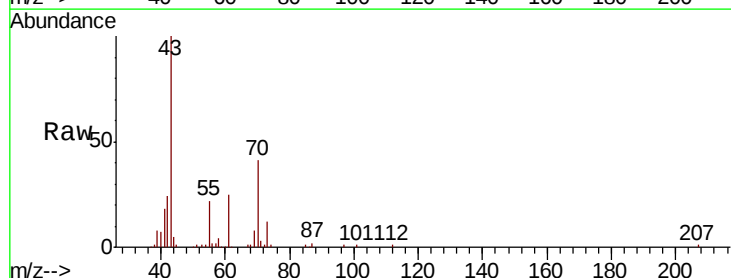
Ion Ratio Lower Upper

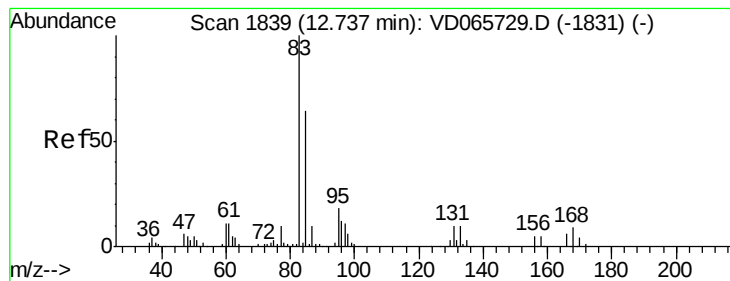
43 100

70 39.7 31.8 47.6

55 22.7 17.9 26.9

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.741 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

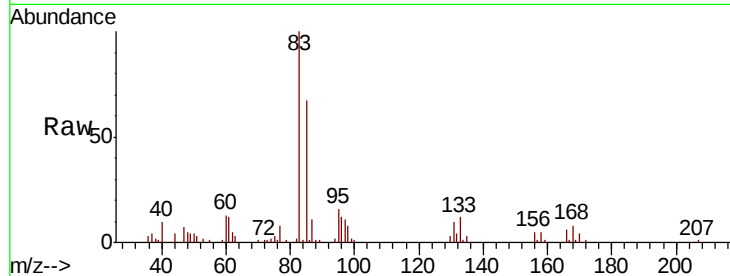
Tot Ion: 83 Resp: 54514

Ion Ratio Lower Upper

83 100

131 11.0 5.9 17.6

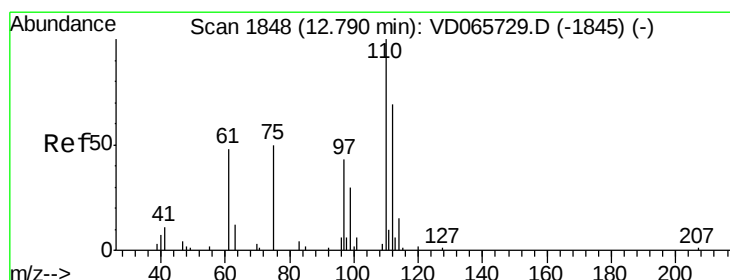
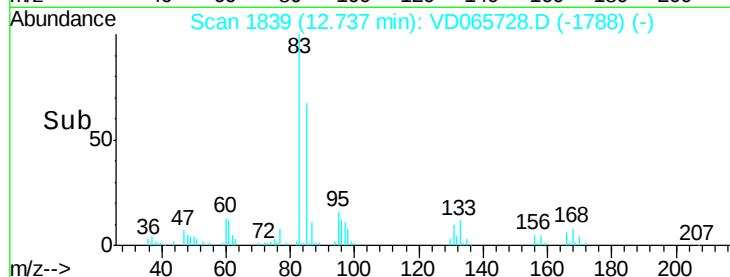
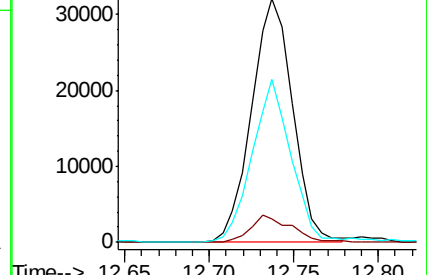
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 35.502 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065728.D

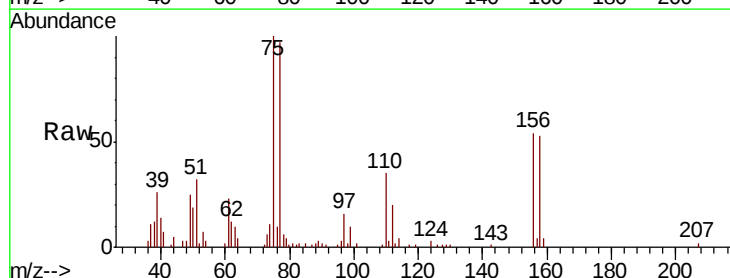
Acq: 13 May 2020 12:54

Tgt Ion: 75 Resp: 73397

Ion Ratio Lower Upper

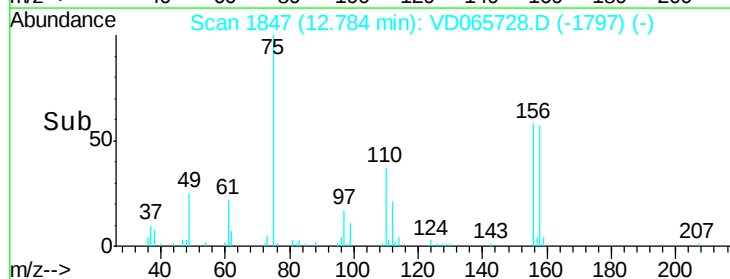
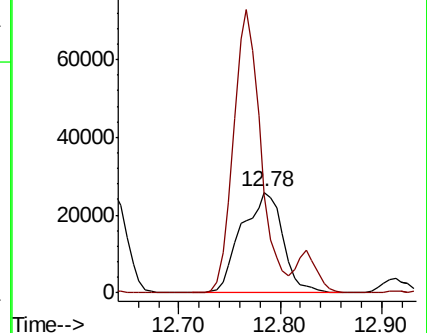
75 100

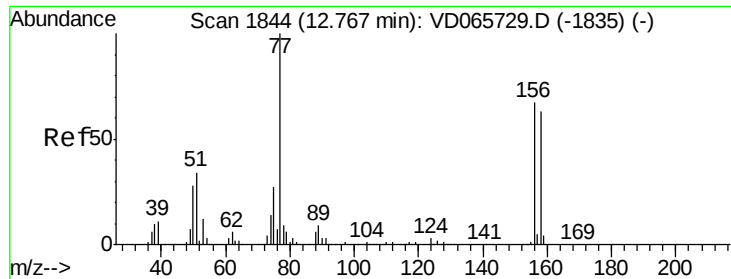
77 185.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.456 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

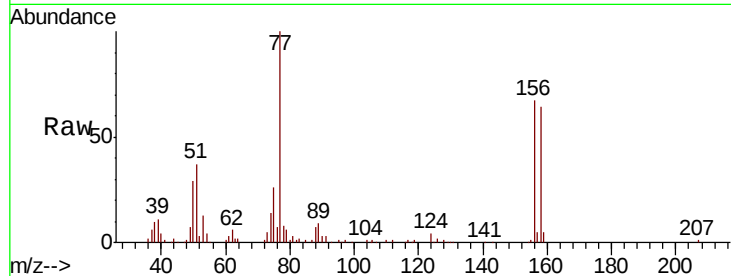
Tot Ion:156 Resp: 83071

Ion Ratio Lower Upper

156 100

77 163.8 84.9 254.6

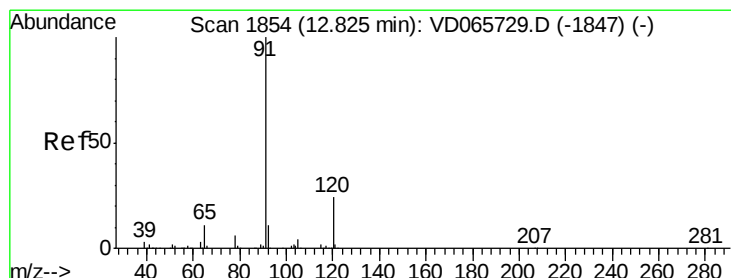
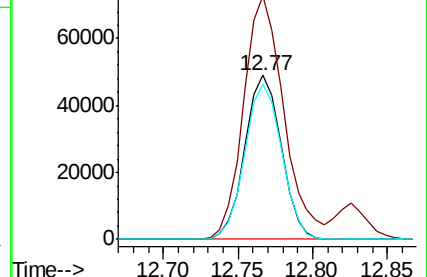
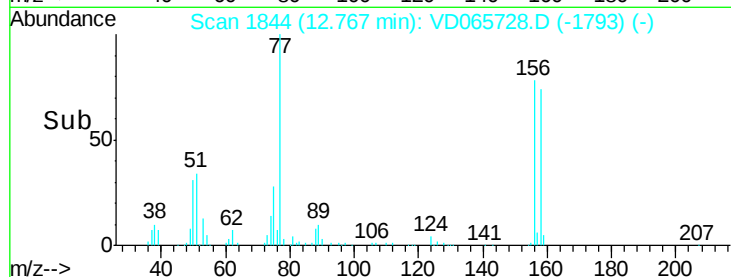
158 95.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.388 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065728.D

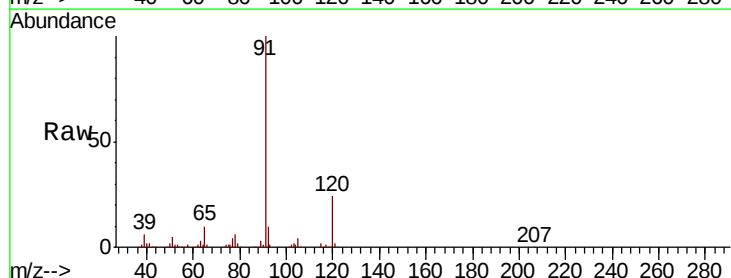
Acq: 13 May 2020 12:54

Tgt Ion: 91 Resp: 398818

Ion Ratio Lower Upper

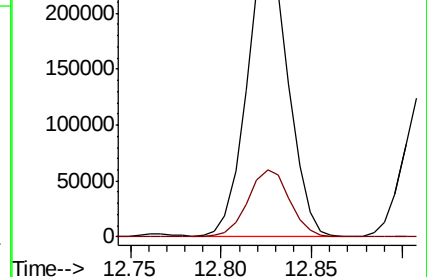
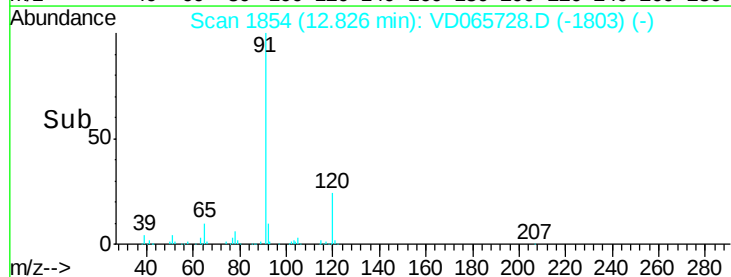
91 100

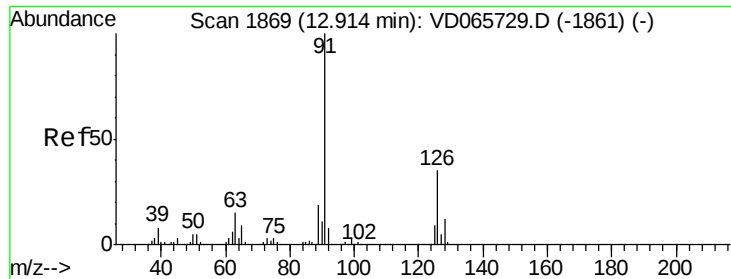
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

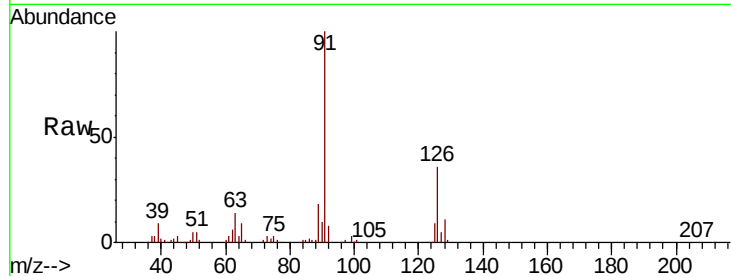




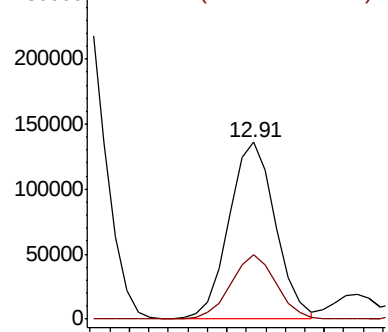
#79
2-Chlorotoluene
Concen: 18.249 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :

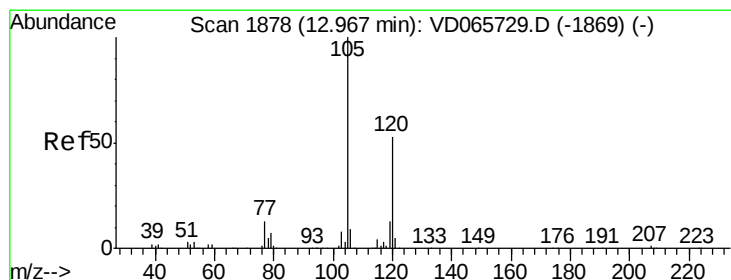
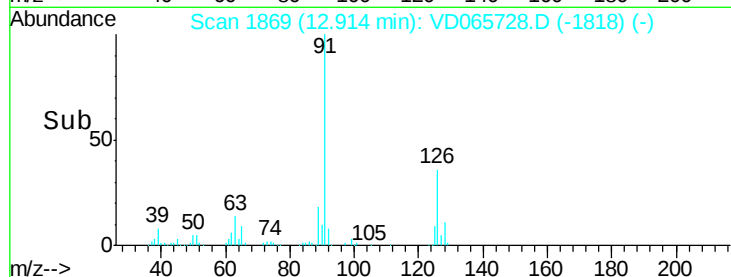
Tot Ion: 91 Resp: 223338
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VD
Ion 125.90 (125.60 to 126.60): V

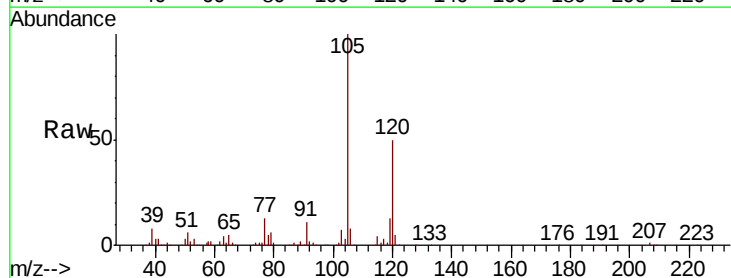


Time-->

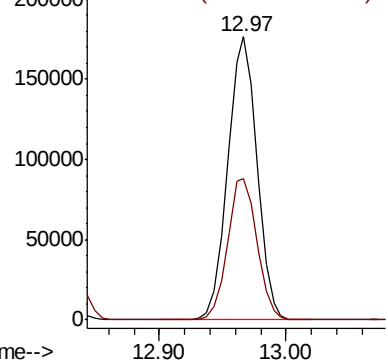


#80
1,3,5-Trimethylbenzene
Concen: 18.752 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

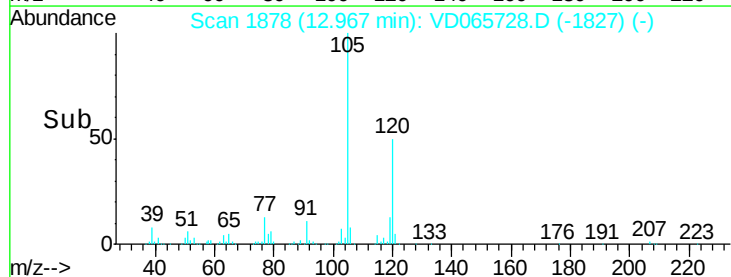
Tgt Ion:105 Resp: 283749
Ion Ratio Lower Upper
105 100
120 50.4 25.7 77.0

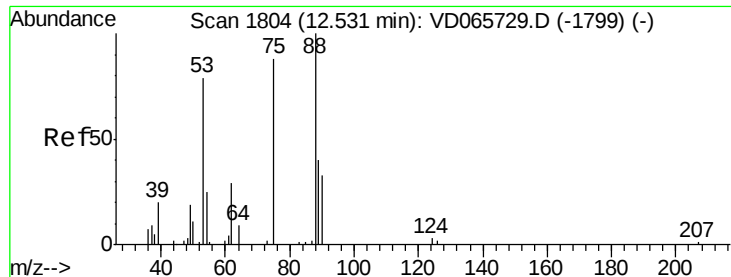


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.797 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

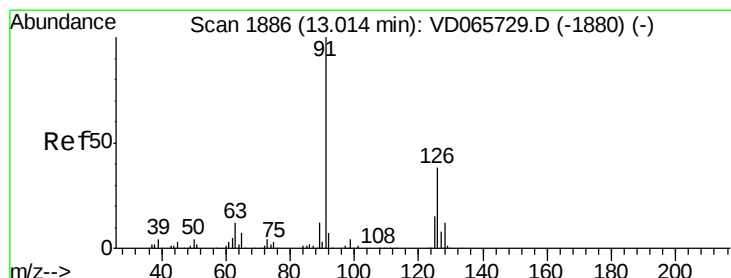
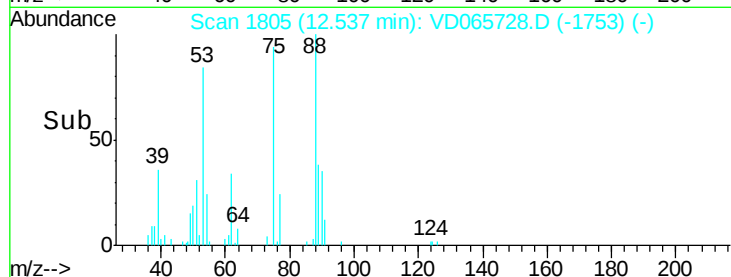
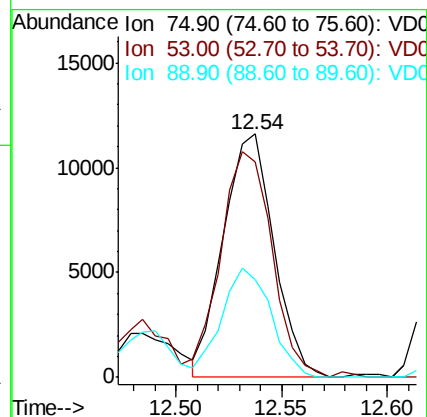
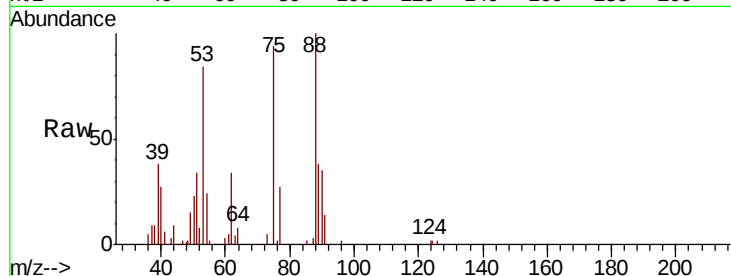
Tot Ion: 75 Resp: 19285

Ion Ratio Lower Upper

75 100

53 94.9 72.6 109.0

89 43.8 37.0 55.4



#82

4-Chlorotoluene

Concen: 18.261 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065728.D

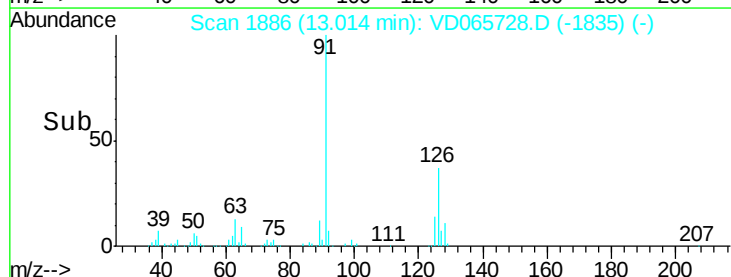
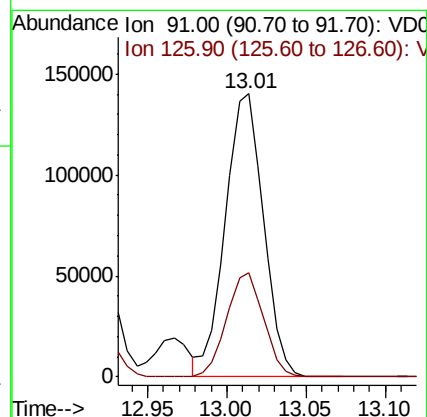
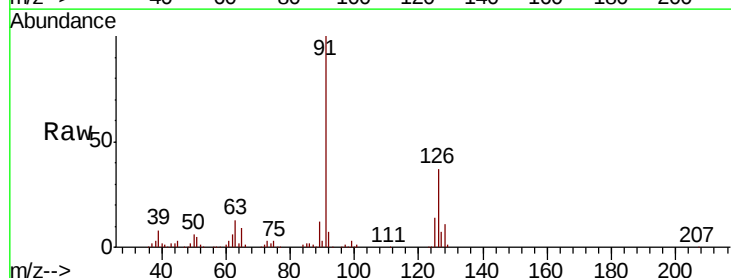
Acq: 13 May 2020 12:54

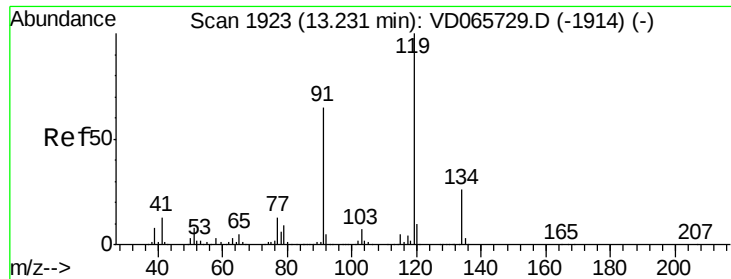
Tgt Ion: 91 Resp: 234183

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.3

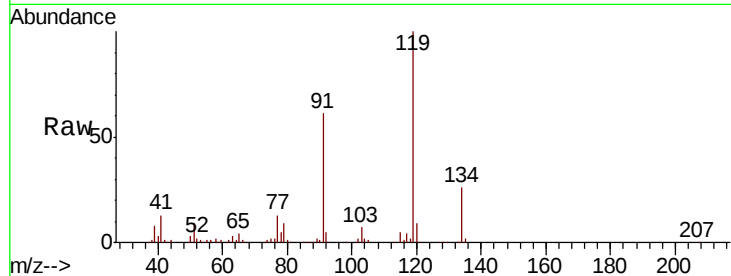




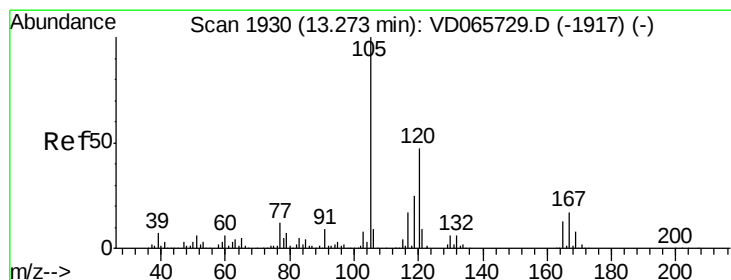
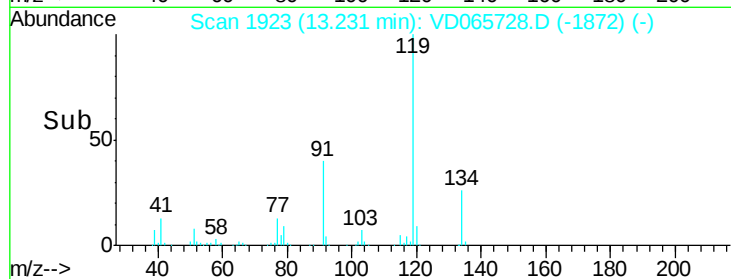
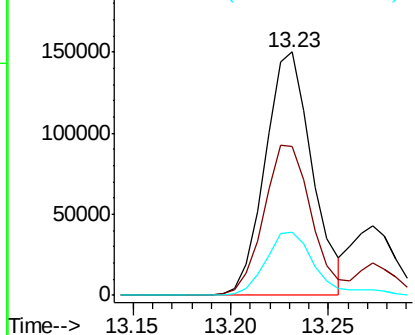
#83
tert-Butylbenzene
Concen: 19.337 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:119 Resp: 250846
Ion Ratio Lower Upper
119 100
91 63.3 31.6 95.0
134 27.7 12.7 38.1

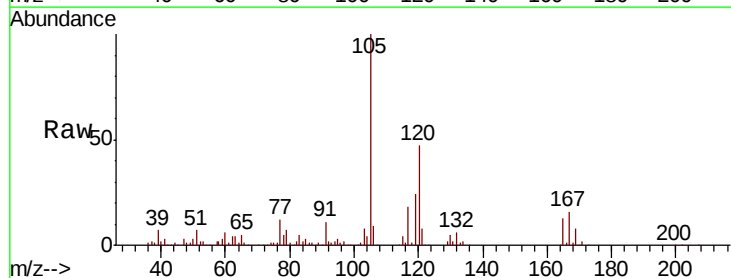


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

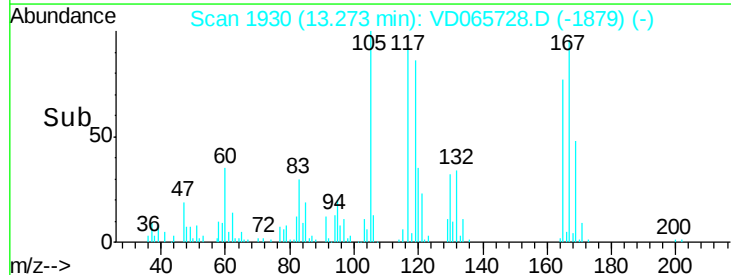
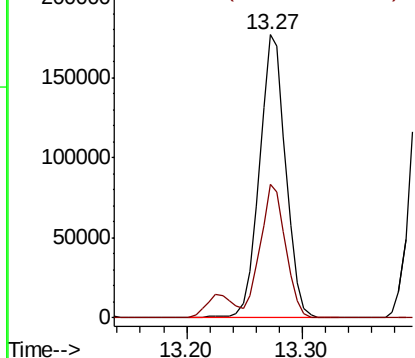


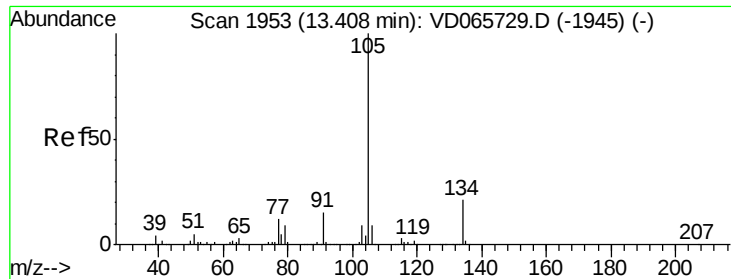
#84
1,2,4-Trimethylbenzene
Concen: 18.587 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion:105 Resp: 280586
Ion Ratio Lower Upper
105 100
120 45.5 23.6 70.8



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

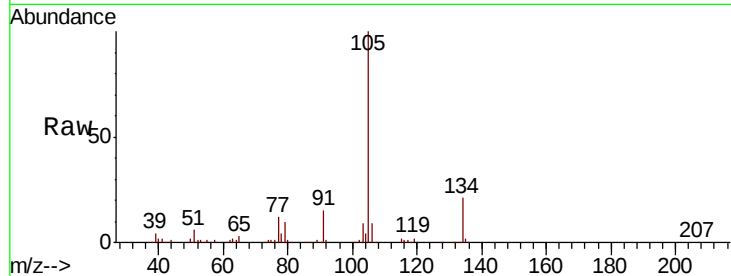




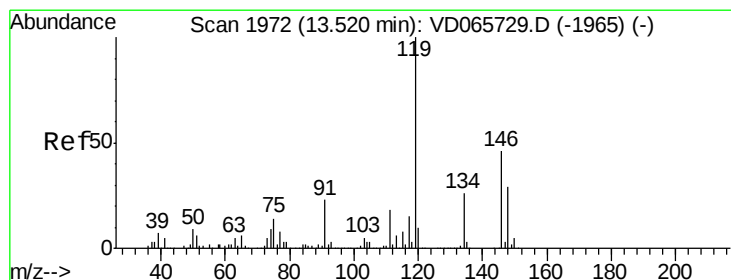
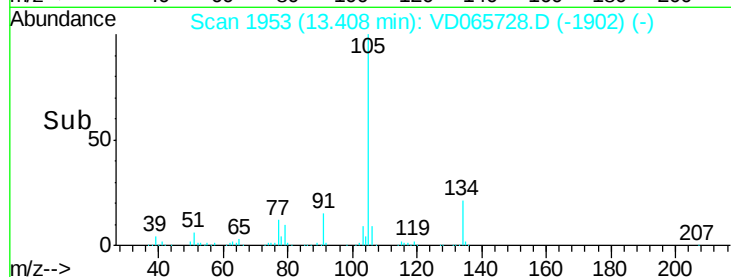
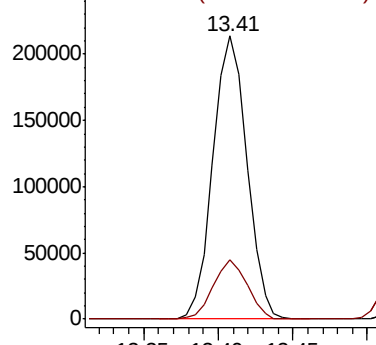
#85
 sec-Butylbenzene
 Concen: 18.686 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:105 Resp: 337543
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 31.9

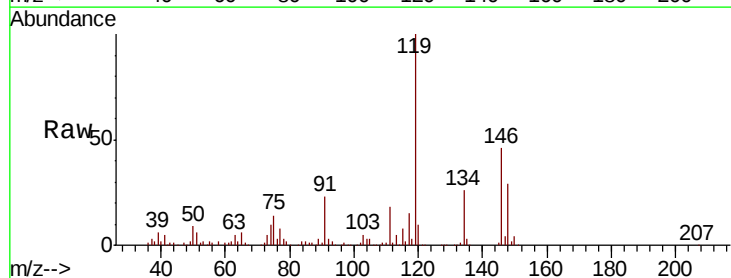


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

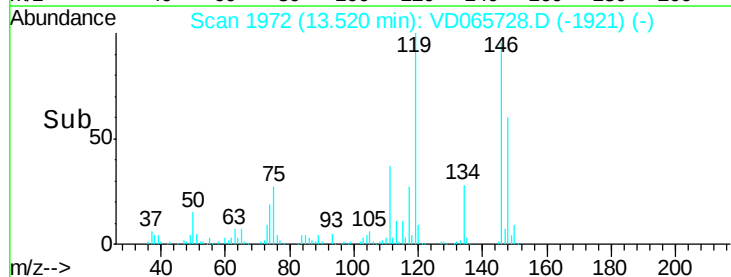
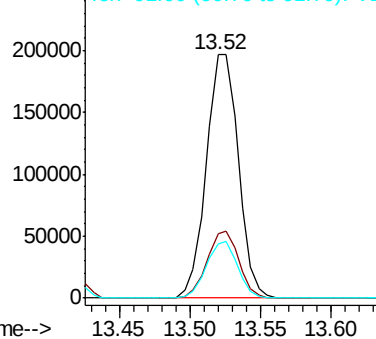


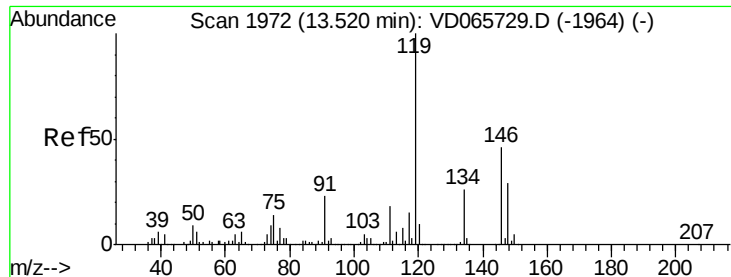
#86
 p-Isopropyltoluene
 Concen: 18.829 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion:119 Resp: 310992
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 23.0 11.7 35.1



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





#87

1,3-Dichlorobenzene

Concen: 19.338 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065728.D

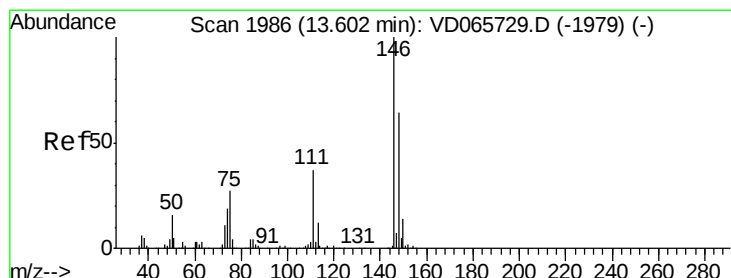
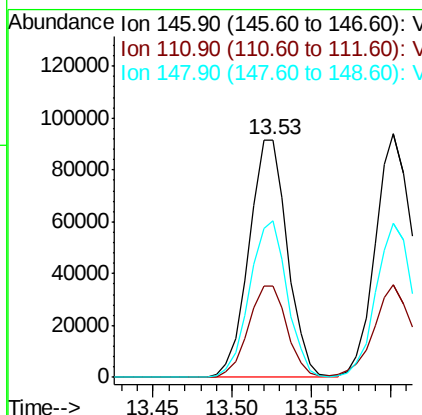
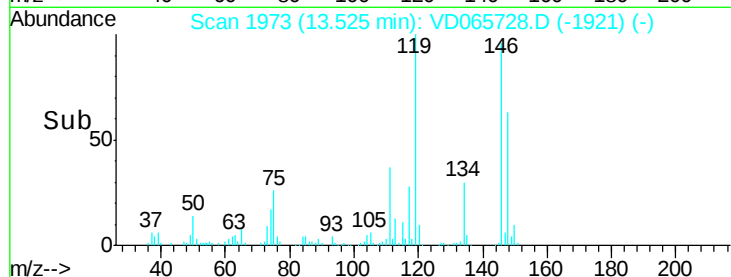
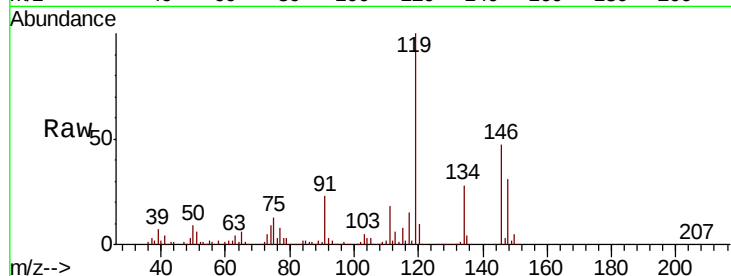
Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampled :

Tot Ion:146	Resp:	154839
Ion	Ratio	Lower Upper
146	100	
111	38.4	18.9 56.9
148	64.2	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.261 ug/l

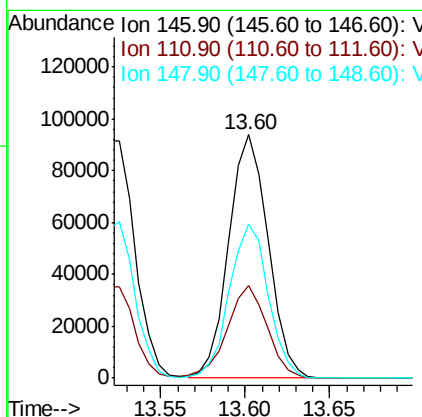
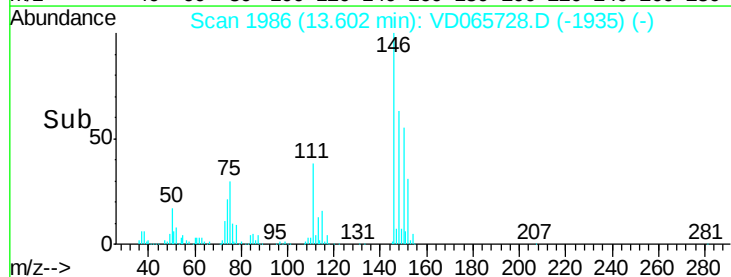
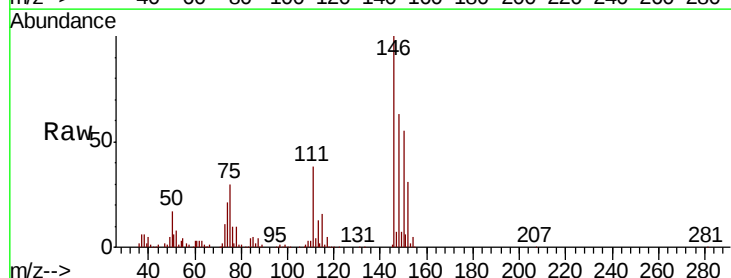
RT: 13.60 min Scan# 1986

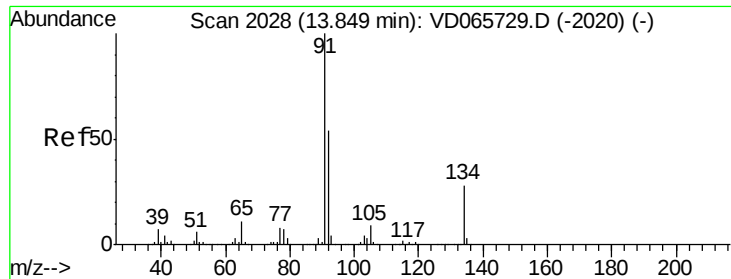
Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Tgt Ion:146	Resp:	152449
Ion	Ratio	Lower Upper
146	100	
111	38.6	18.4 55.2
148	62.7	31.6 94.7

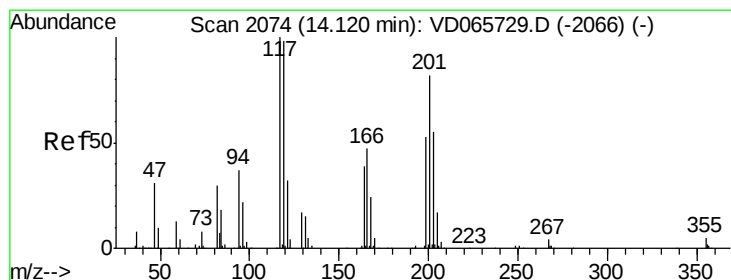
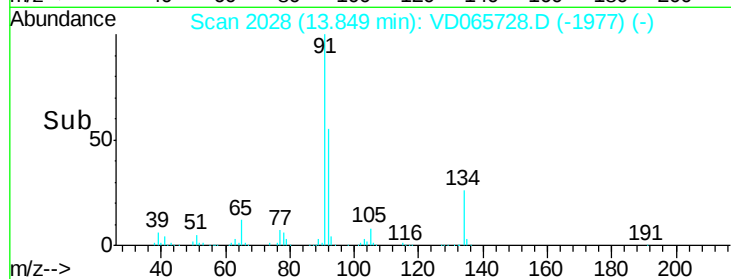
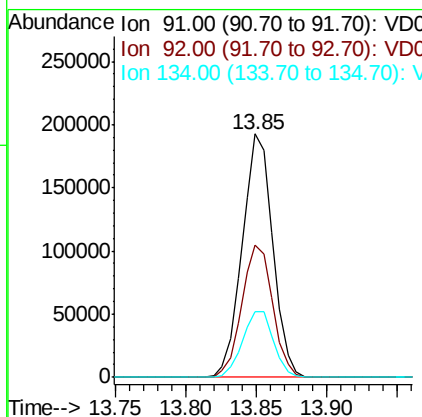
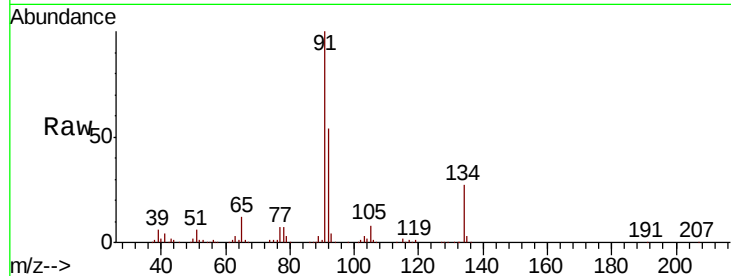




#89
n-Butylbenzene
Concen: 18.283 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

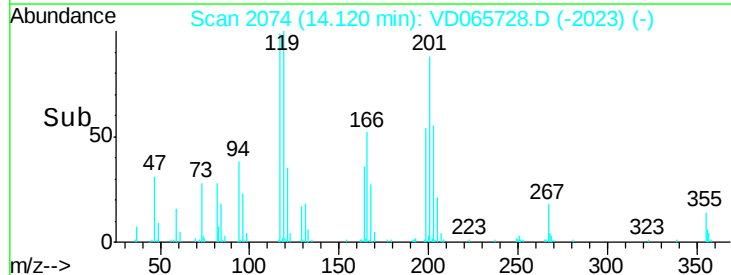
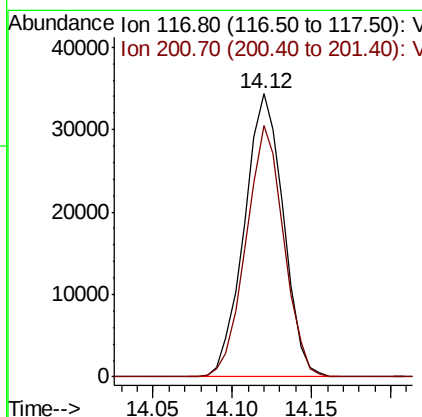
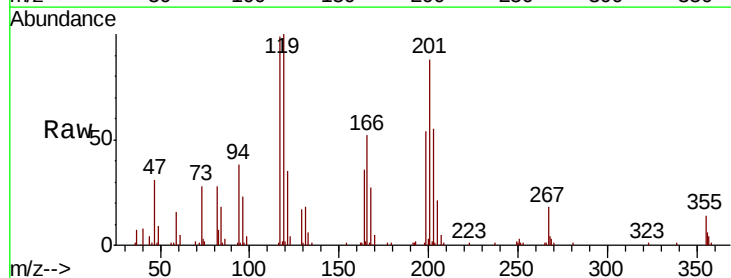
Instrument :
MSVOA_D
ClientSampleId :

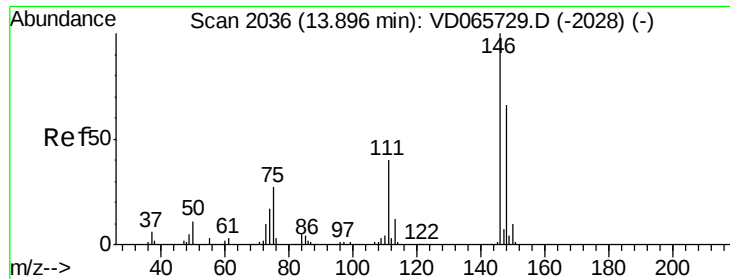
Tot Ion: 91 Resp: 290884
Ion Ratio Lower Upper
91 100
92 55.1 27.0 81.0
134 27.6 13.9 41.7



#90
Hexachloroethane
Concen: 17.928 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065728.D
Acq: 13 May 2020 12:54

Tgt Ion: 117 Resp: 58789
Ion Ratio Lower Upper
117 100
201 85.7 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 19.169 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

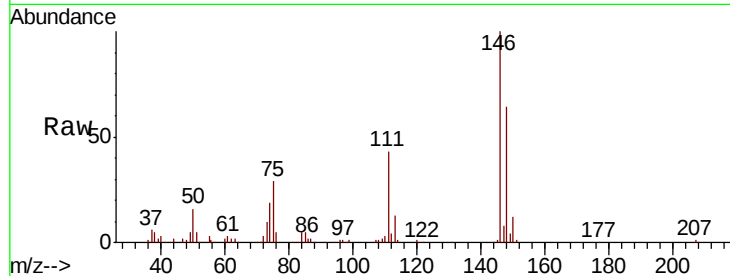
Tot Ion:146 Resp: 132386

Ion Ratio Lower Upper

146 100

111 40.9 20.0 60.0

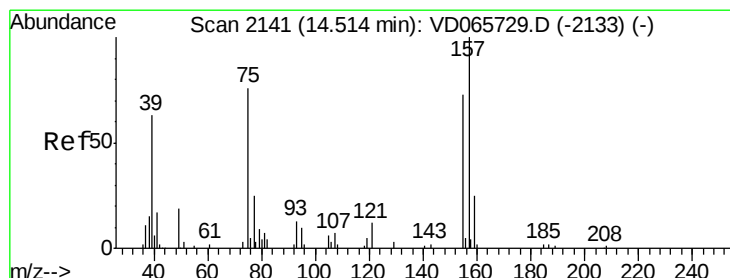
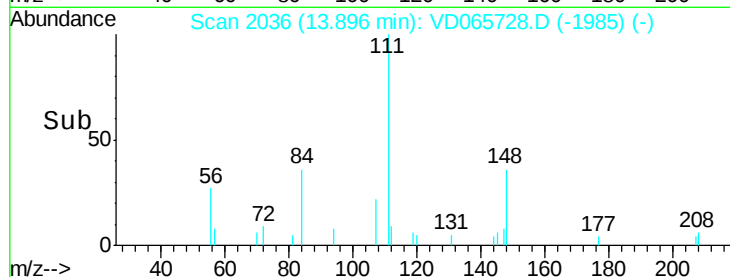
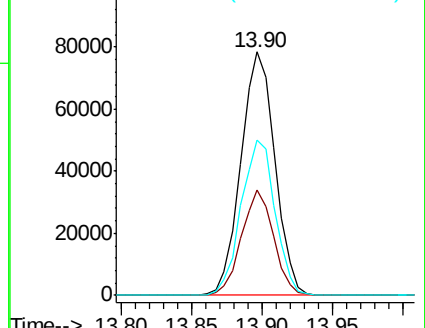
148 63.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.641 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

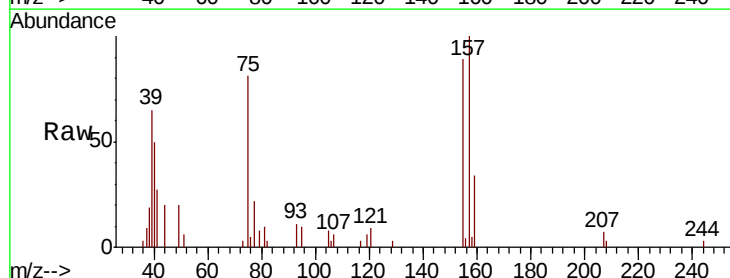
Tgt Ion: 75 Resp: 9023

Ion Ratio Lower Upper

75 100

155 99.1 48.4 145.0

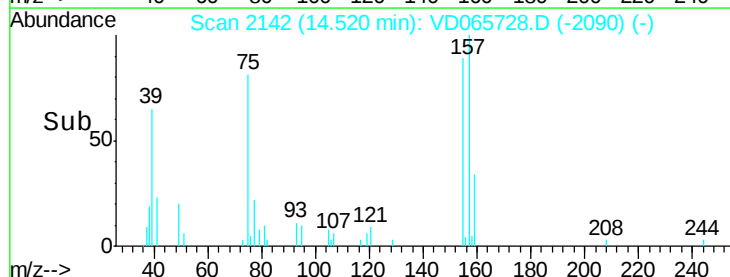
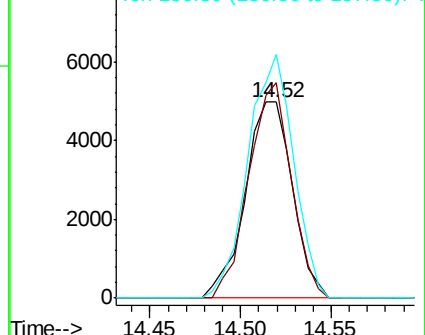
157 120.0 62.6 187.8

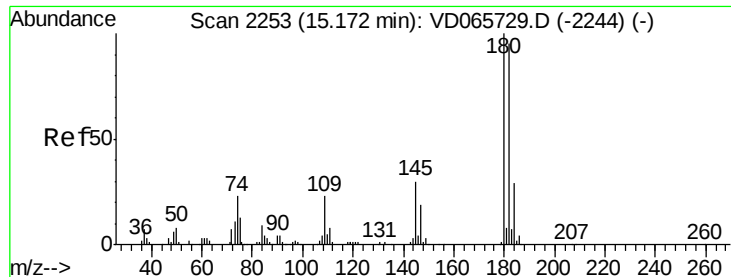


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

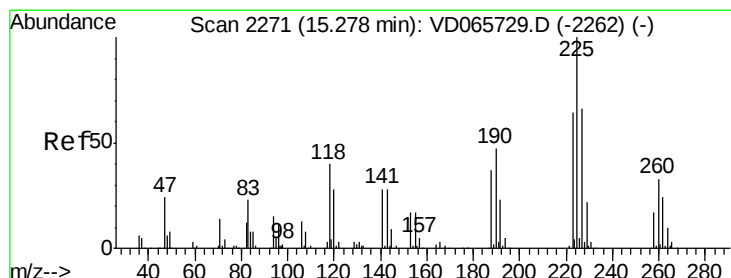
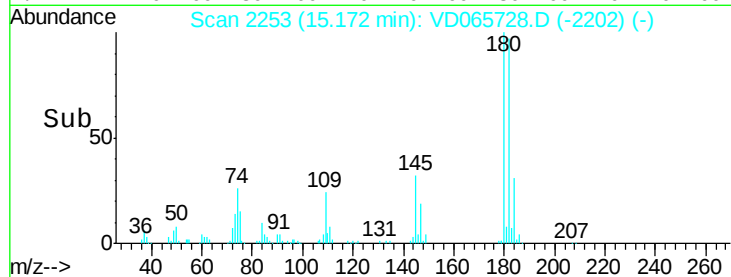
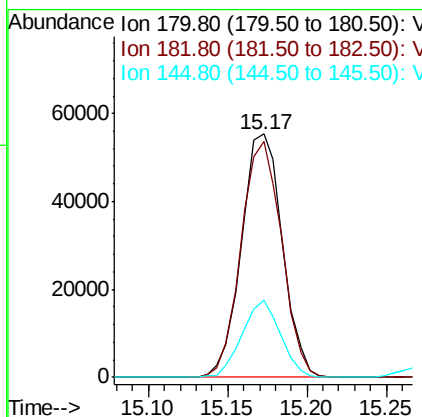
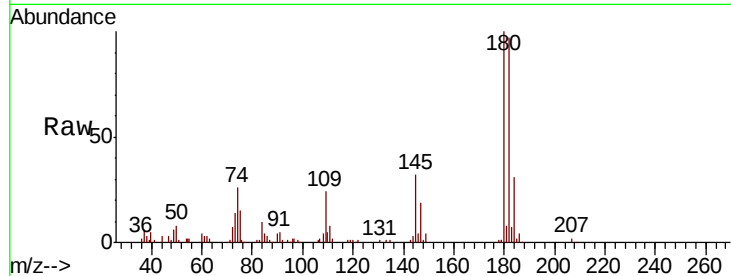




#93
 1,2,4-Trichlorobenzene
 Concen: 19.165 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

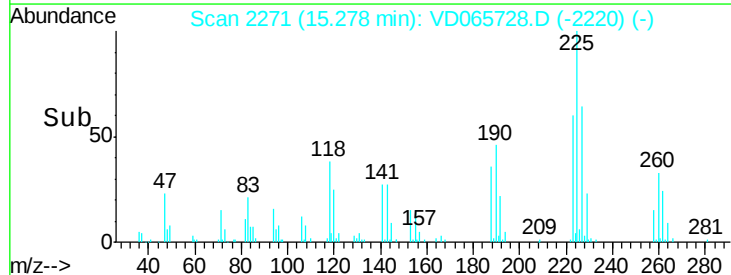
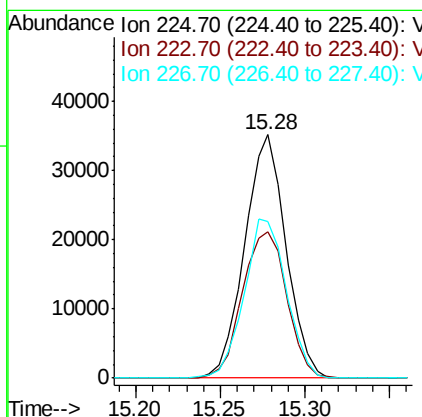
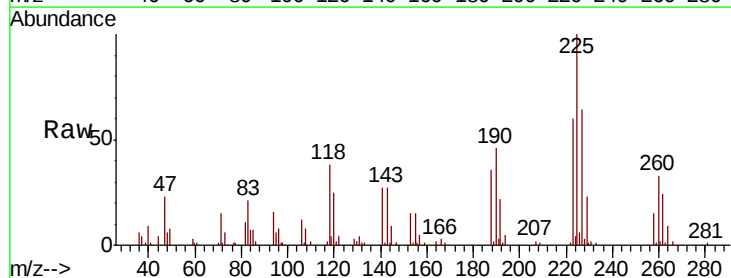
Instrument :
 MSVOA_D
 ClientSampleId :

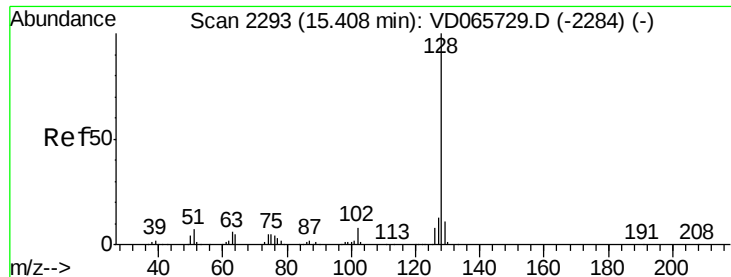
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.0	141.0
145	29.8	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 19.846 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065728.D
 Acq: 13 May 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.4	94.2
227	67.0	32.2	96.6





#95

Naphthalene

Concen: 18.353 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

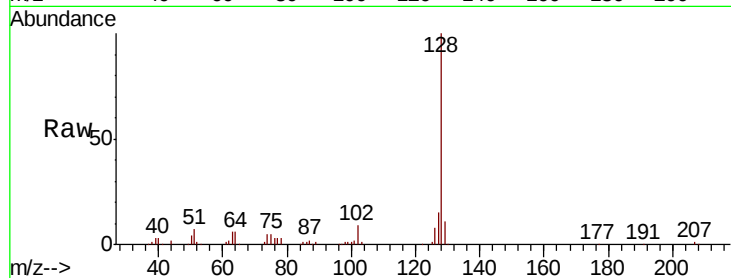
Tot Ion:128 Resp: 165816

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

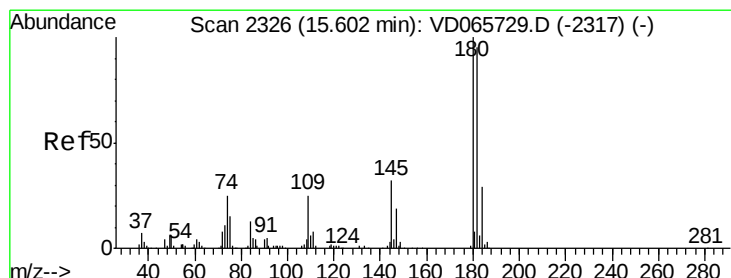
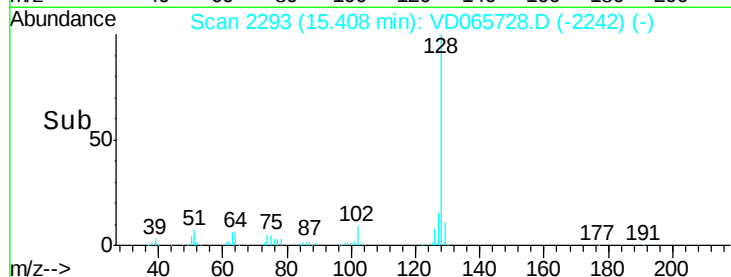
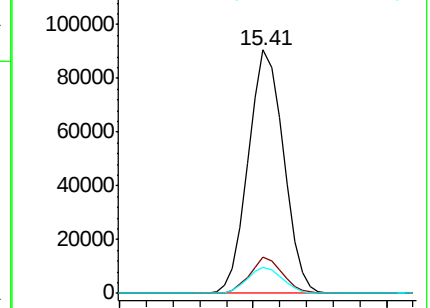
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.379 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD065728.D

Acq: 13 May 2020 12:54

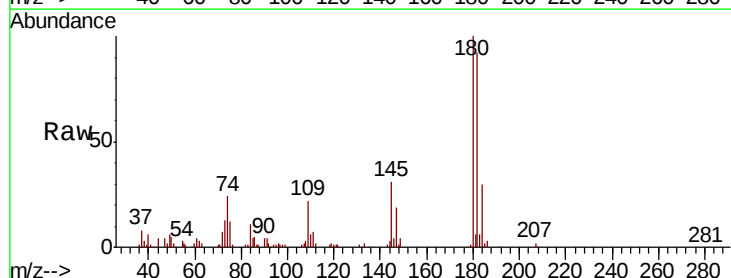
Tgt Ion:180 Resp: 85390

Ion Ratio Lower Upper

180 100

182 97.1 47.5 142.6

145 31.2 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

