

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066701.D
 Acq On : 15 Sep 2020 17:04
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Quant Time: Sep 16 01:45:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	696707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	624432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233379	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	220942	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	10.33	98	800298	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.63	95	269413	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	161126	50.996	ug/l	97
3) Chloromethane	2.21	50	219335	47.154	ug/l	100
4) Vinyl Chloride	2.35	62	240949	49.496	ug/l	98
5) Bromomethane	2.77	94	165540	47.936	ug/l	98
6) Chloroethane	2.93	64	146828	48.416	ug/l	95
7) Trichlorofluoromethane	3.27	101	411945	48.992	ug/l	99
8) Diethyl Ether	3.70	74	108377	51.473	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	226832	49.088	ug/l	99
10) Methyl Iodide	4.30	142	219792	50.131	ug/l	99
11) Tert butyl alcohol	5.22	59	81166	283.236	ug/l	98
12) 1,1-Dichloroethene	4.07	96	213051	49.813	ug/l	97
13) Acrolein	3.93	56	75993	236.264	ug/l	96
14) Allyl chloride	4.71	41	350761	51.067	ug/l	99
15) Acrylonitrile	5.43	53	242361	262.765	ug/l	98
16) Acetone	4.16	43	227588	245.061	ug/l	93
17) Carbon Disulfide	4.41	76	684963	50.966	ug/l	95
18) Methyl Acetate	4.71	43	109542	55.670	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	518704	54.448	ug/l	97
20) Methylene Chloride	4.96	84	255392	51.358	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	258068	51.790	ug/l	97
22) Diisopropyl ether	6.36	45	721812	51.718	ug/l	99
23) Vinyl Acetate	6.30	43	2143531	276.109	ug/l	98
24) 1,1-Dichloroethane	6.26	63	442189	49.928	ug/l	100
25) 2-Butanone	7.21	43	315351	260.771	ug/l	98
26) 2,2-Dichloropropane	7.21	77	398334	48.638	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	273216	50.119	ug/l	95
28) Bromochloromethane	7.54	49	163111	49.308	ug/l	98
29) Tetrahydrofuran	7.56	42	205098	277.200	ug/l	98
30) Chloroform	7.71	83	472412	50.119	ug/l	97
31) Cyclohexane	7.98	56	405984	50.397	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	436064	50.557	ug/l	99
36) 1,1-Dichloropropene	8.11	75	369538	51.589	ug/l	100
37) Ethyl Acetate	7.29	43	145806	53.767	ug/l	98
38) Carbon Tetrachloride	8.10	117	391191	51.426	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	435144	53.109	ug/l	98
40) Benzene	8.35	78	991924	51.185	ug/l	97
41) Methacrylonitrile	7.56	41	204402	142.376	ug/l #	17
42) 1,2-Dichloroethane	8.42	62	305438	50.874	ug/l	98
43) Isopropyl Acetate	8.45	43	274740	53.826	ug/l	98
44) Trichloroethene	9.11	130	267366	51.601	ug/l	96
45) 1,2-Dichloropropane	9.38	63	248618	51.894	ug/l	98
46) Dibromomethane	9.47	93	139371	52.940	ug/l	99
47) Bromodichloromethane	9.66	83	366715	51.120	ug/l	97
48) Methyl methacrylate	9.45	41	149492	57.580	ug/l	99
49) 1,4-Dioxane	9.46	88	31081	1102.147	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	710676	270.445	ug/l	99
52) Toluene	10.40	92	640054	51.557	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	340603	53.149	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	407785	53.574	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	177816	51.229	ug/l	97
56) Ethyl methacrylate	10.66	69	222771	56.556	ug/l	98
57) 1,3-Dichloropropane	10.94	76	312562	51.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	423869	245.019	ug/l	99
59) 2-Hexanone	10.98	43	495086	280.398	ug/l	98
60) Dibromochloromethane	11.14	129	236333	52.255	ug/l	98
61) 1,2-Dibromoethane	11.24	107	174262	52.337	ug/l	97
64) Tetrachloroethene	10.87	164	215511	50.559	ug/l	97
65) Chlorobenzene	11.67	112	649964	50.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	243917	51.135	ug/l	98
67) Ethyl Benzene	11.74	91	1224096	52.273	ug/l	97
68) m/p-Xylenes	11.85	106	918888	103.822	ug/l	100
69) o-Xylene	12.18	106	416428	53.243	ug/l	100
70) Styrene	12.20	104	725577	52.709	ug/l	98
71) Bromoform	12.36	173	128440	53.653	ug/l #	97
73) Isopropylbenzene	12.48	105	1152065	53.119	ug/l	100
74) N-amyl acetate	12.29	43	254419	55.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	191475	51.955	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	257205	103.429	ug/l #	100
77) Bromobenzene	12.76	156	252739	50.560	ug/l	99
78) n-propylbenzene	12.82	91	1402537	53.049	ug/l	99
79) 2-Chlorotoluene	12.91	91	773066	51.712	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	965365	52.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	63306	54.941	ug/l	99
82) 4-Chlorotoluene	13.01	91	821319	51.958	ug/l	99
83) tert-Butylbenzene	13.23	119	817229	54.070	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	978197	53.376	ug/l	99
85) sec-Butylbenzene	13.40	105	1155640	53.333	ug/l	99
86) p-Isopropyltoluene	13.52	119	1070465	54.340	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	496043	51.723	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	491948	51.513	ug/l	98
89) n-Butylbenzene	13.84	91	1016290	54.255	ug/l	99
90) Hexachloroethane	14.11	117	207796	51.348	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	419131	51.005	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32064	53.821	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

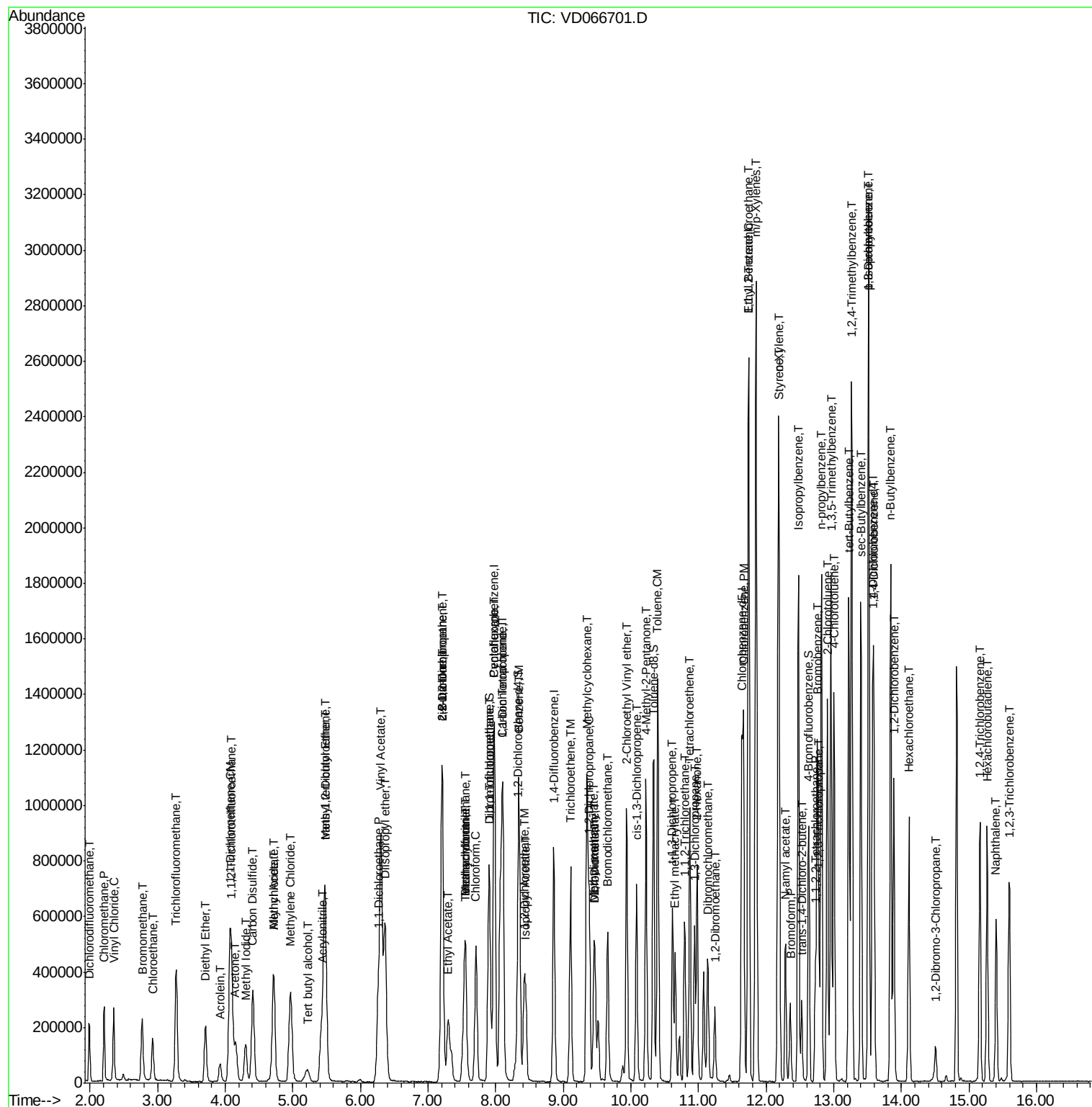
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	272380	54.803	ug/l	99
94) Hexachlorobutadiene	15.27	225	152841	51.041	ug/l	97
95) Naphthalene	15.40	128	503115	57.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	238505	54.940	ug/l	100

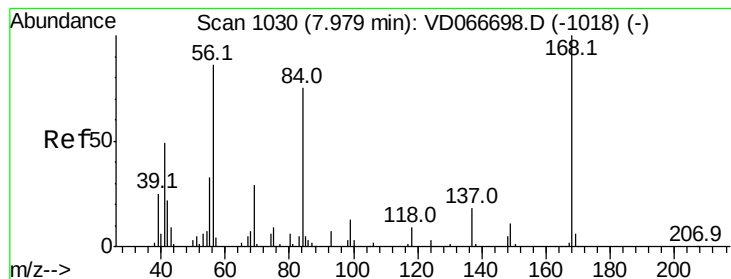
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

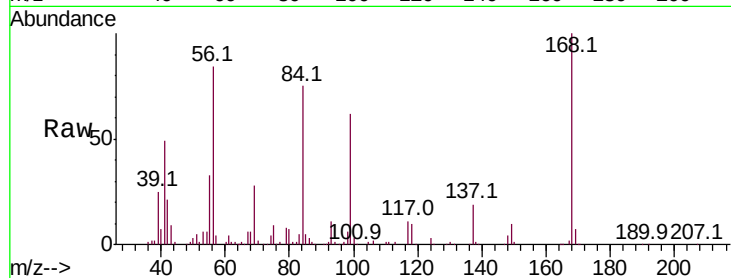
ICVVD091520

Tot Ion:168 Resp: 427440

Ion Ratio Lower Upper

168 100

99 61.3 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

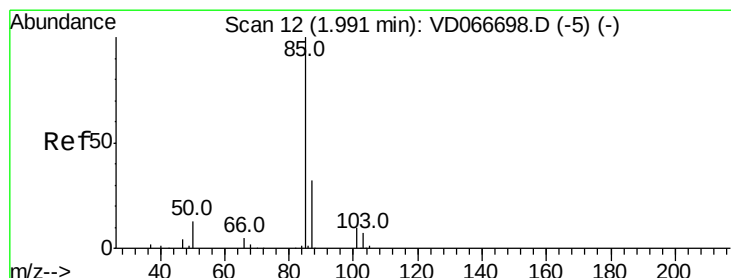
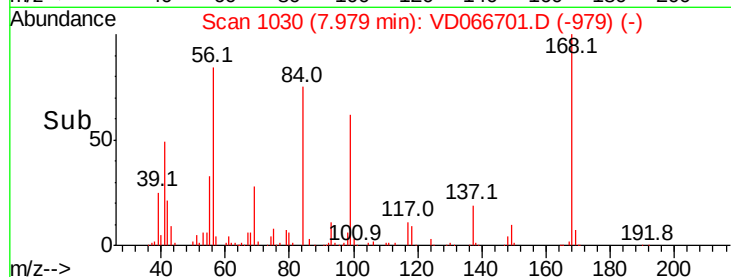
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.996 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066701.D

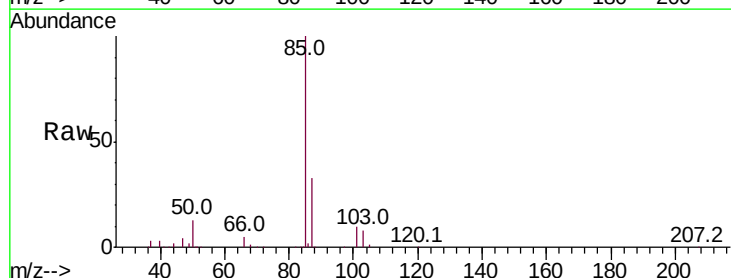
Acq: 15 Sep 2020 17:04

Tgt Ion: 85 Resp: 161126

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

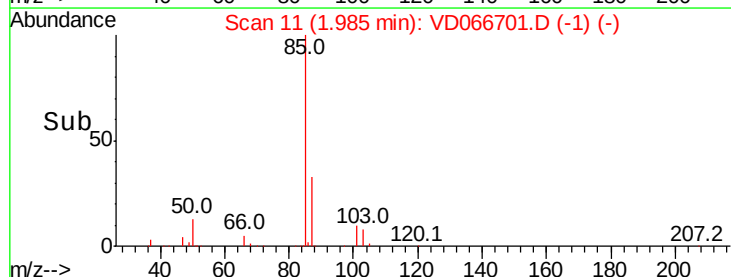
40000

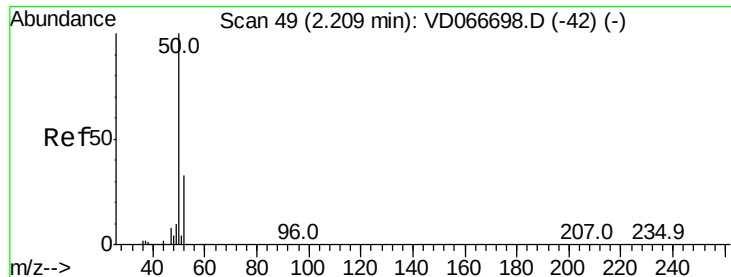
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 47.154 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

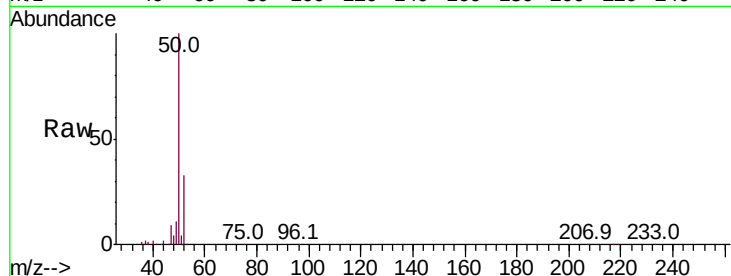
ICVVD091520

Tot Ion: 50 Resp: 219335

Ion Ratio Lower Upper

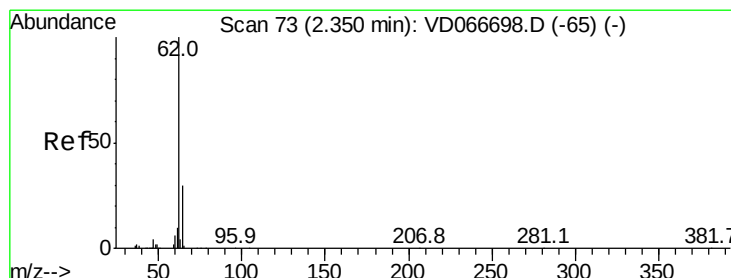
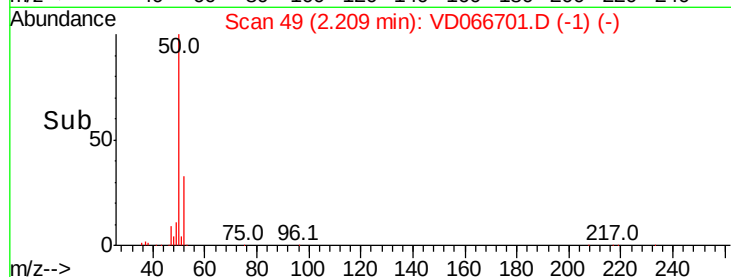
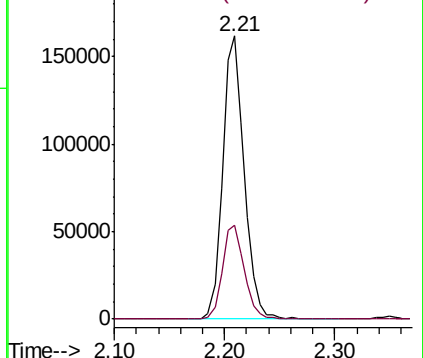
50 100

52 33.3 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.496 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066701.D

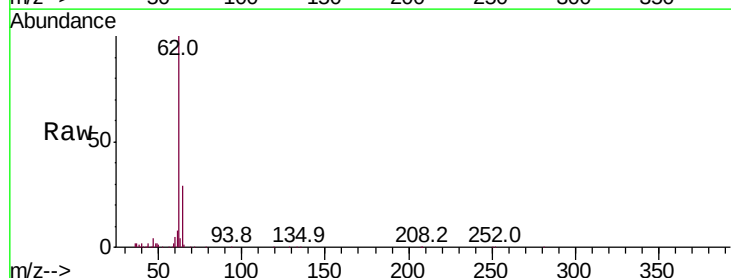
Acq: 15 Sep 2020 17:04

Tgt Ion: 62 Resp: 240949

Ion Ratio Lower Upper

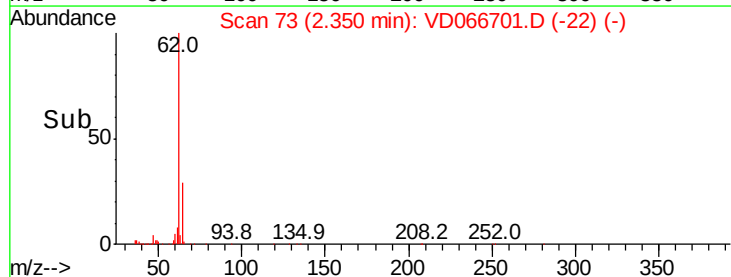
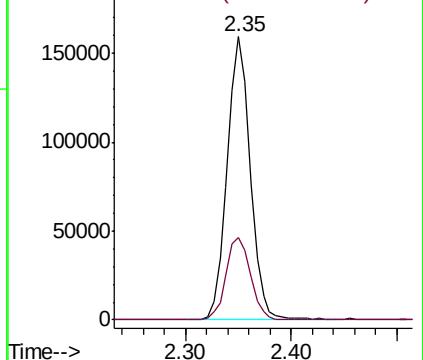
62 100

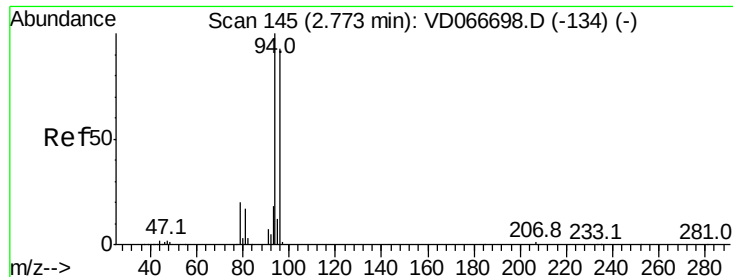
64 29.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.936 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

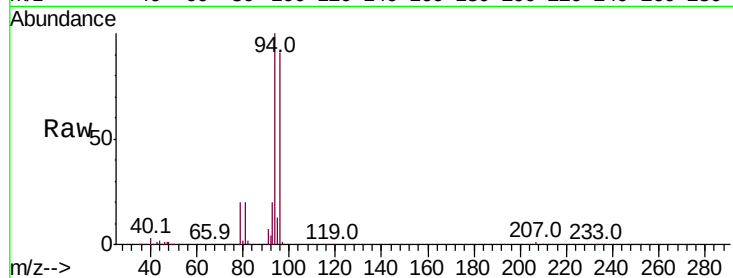
ICVVD091520

Tot Ion: 94 Resp: 165540

Ion Ratio Lower Upper

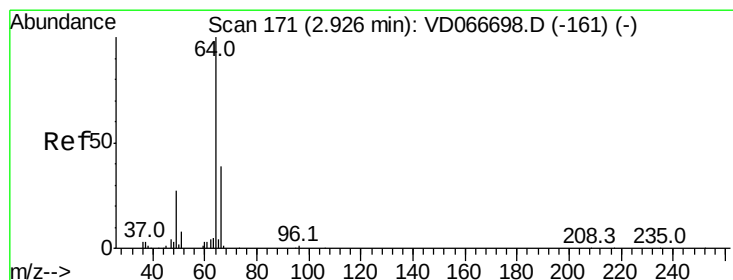
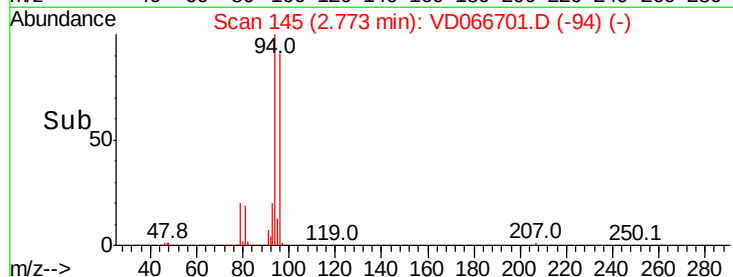
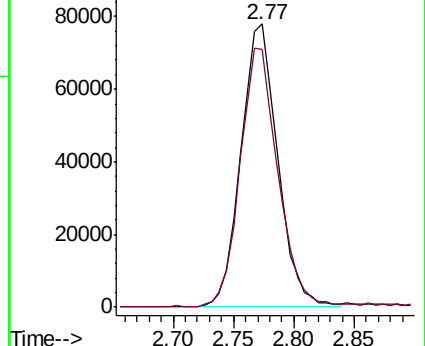
94 100

96 91.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.416 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066701.D

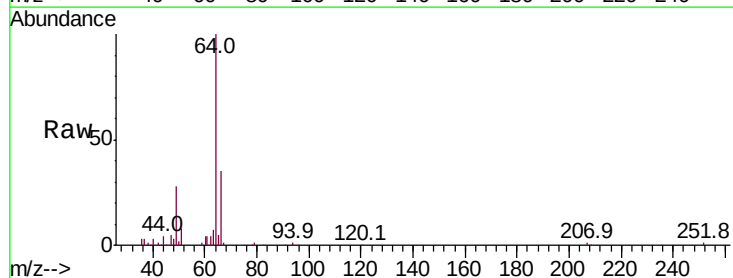
Acq: 15 Sep 2020 17:04

Tgt Ion: 64 Resp: 146828

Ion Ratio Lower Upper

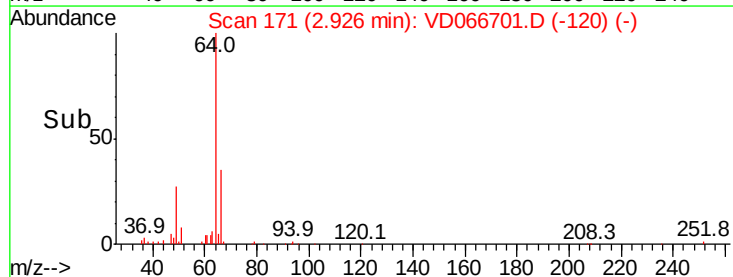
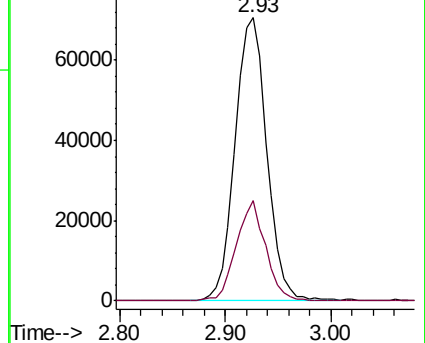
64 100

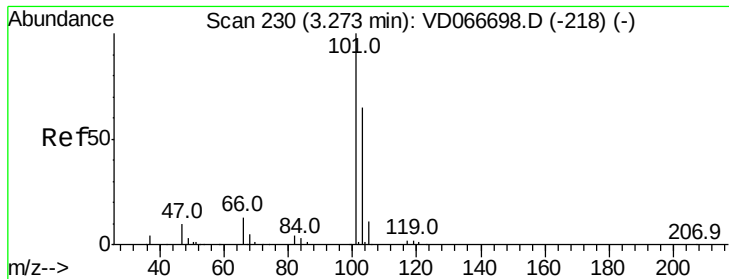
66 35.4 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



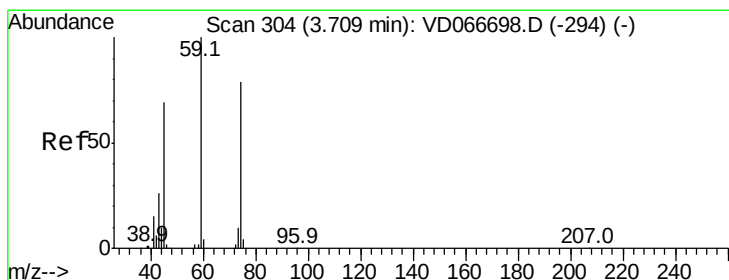
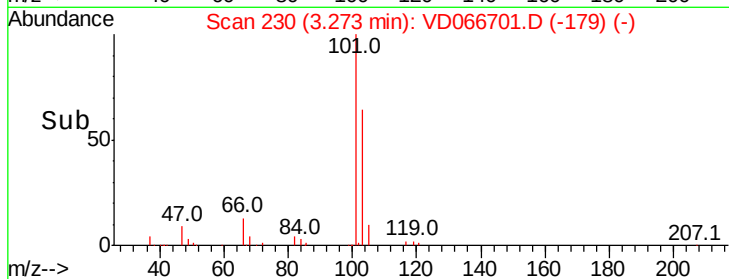
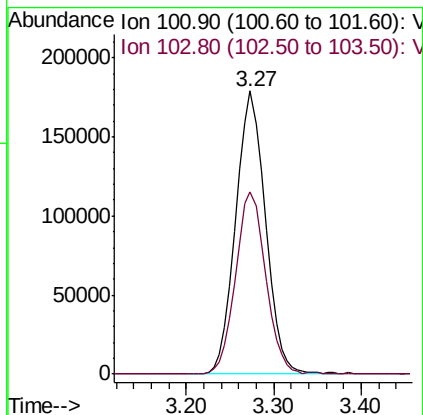
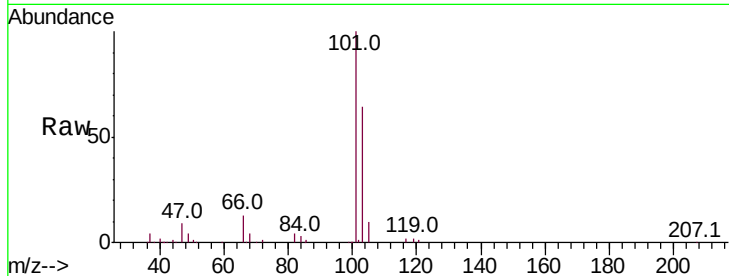


#7

Trichlorofluoromethane
 Concen: 48.992 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
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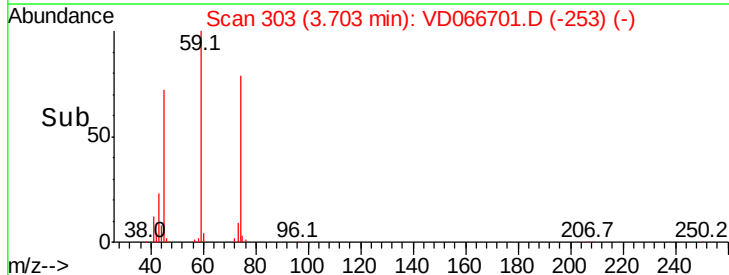
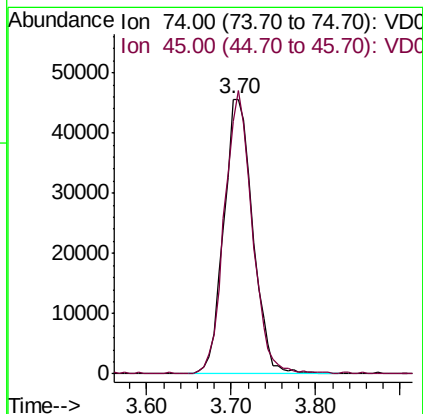
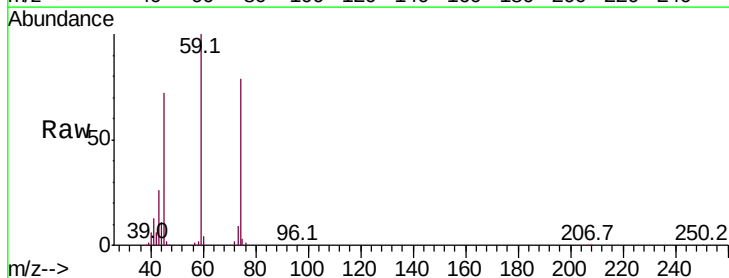
Tot Ion:101 Resp: 411945
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.8

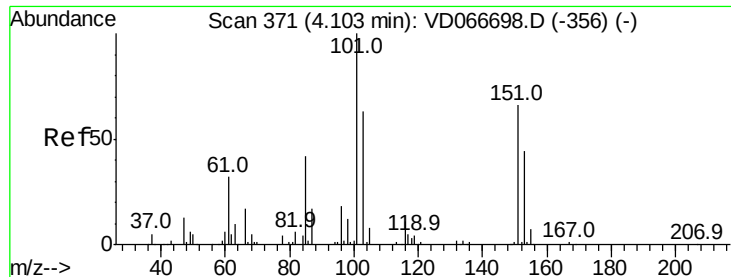


#8

Diethyl Ether
 Concen: 51.473 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion: 74 Resp: 108377
 Ion Ratio Lower Upper
 74 100
 45 98.0 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.088 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

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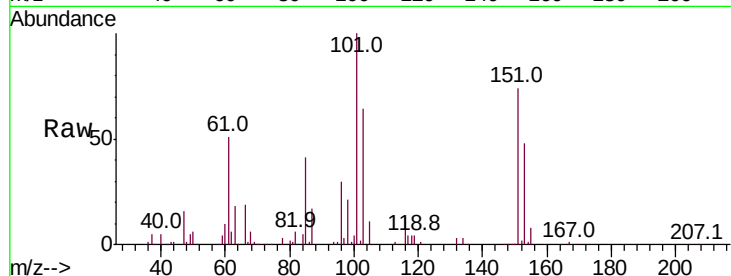
Tot Ion:101 Resp: 226832

Ion Ratio Lower Upper

101 100

85 46.5 36.3 54.5

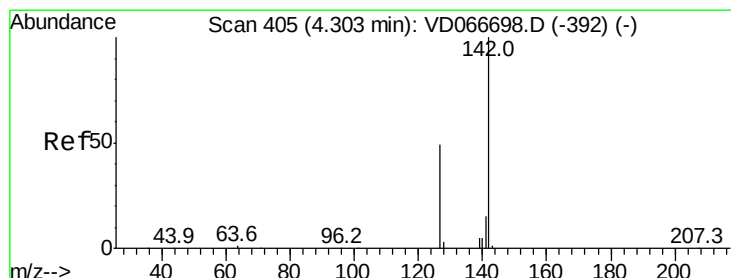
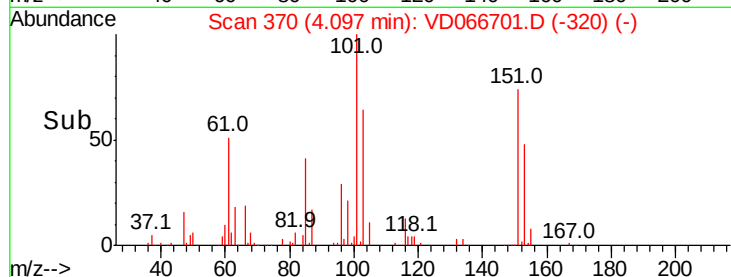
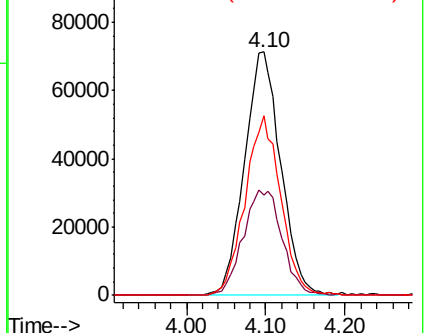
151 72.6 58.0 87.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.131 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

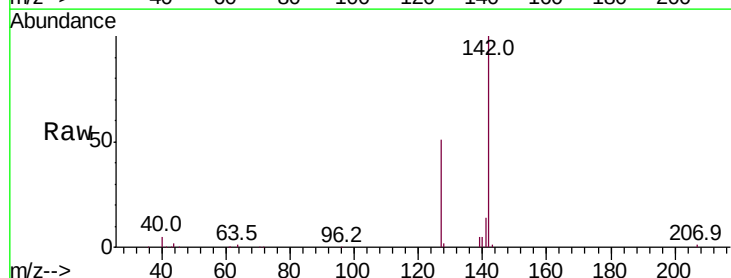
Tgt Ion:142 Resp: 219792

Ion Ratio Lower Upper

142 100

127 49.5 39.0 58.4

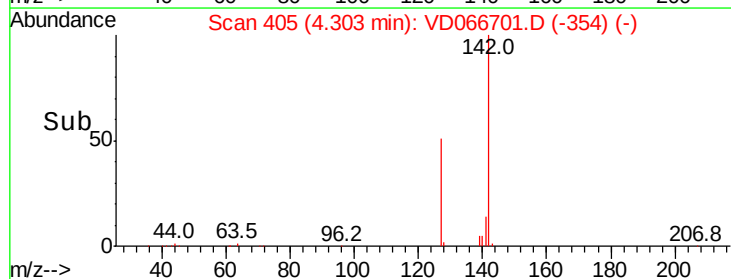
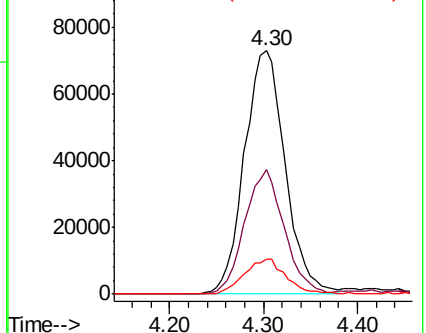
141 14.8 11.7 17.5

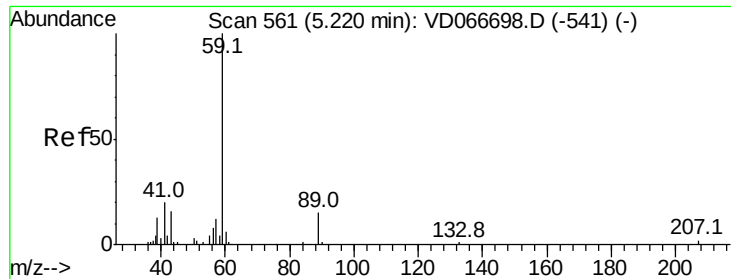


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



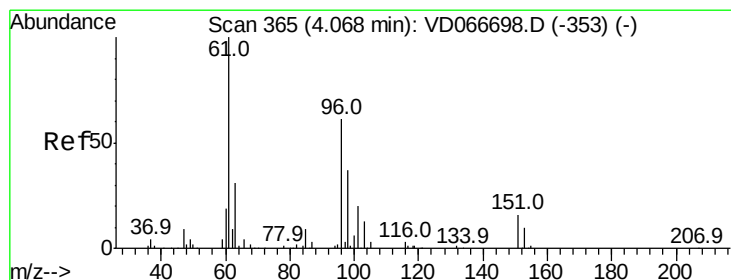
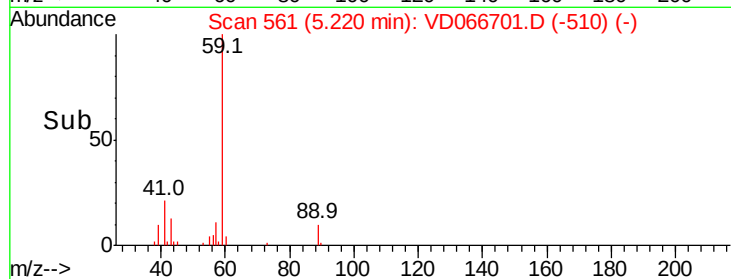
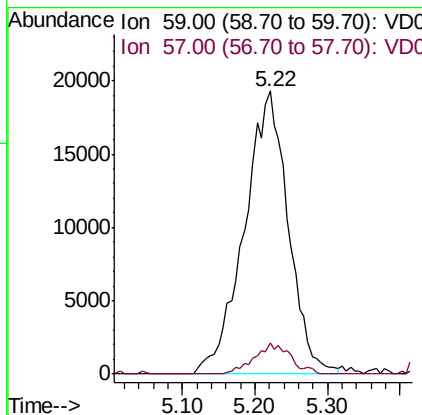
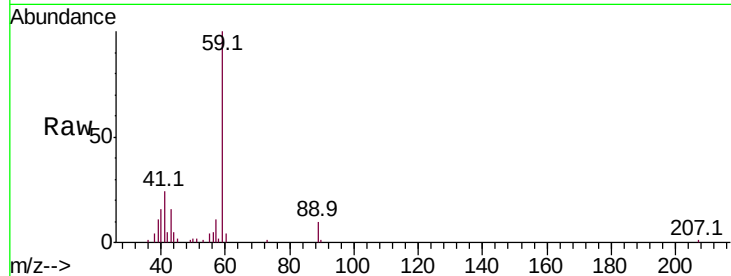


#11

Tert butyl alcohol
 Concen: 283.236 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

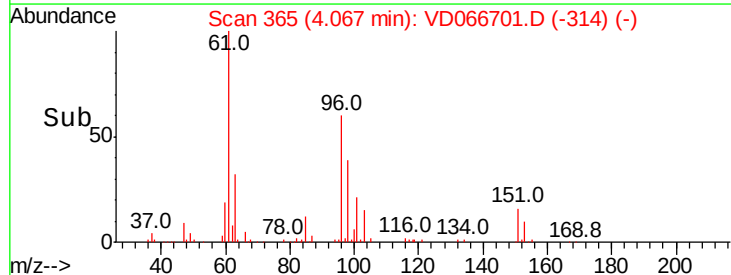
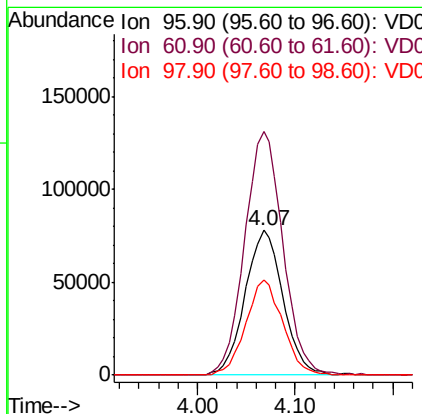
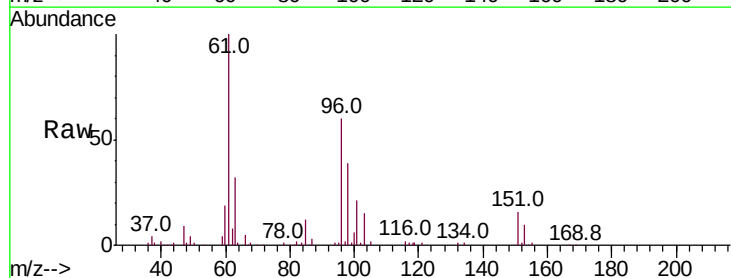
Tot Ion: 59 Resp: 81166
 Ion Ratio Lower Upper
 59 100
 57 9.1 6.7 10.1

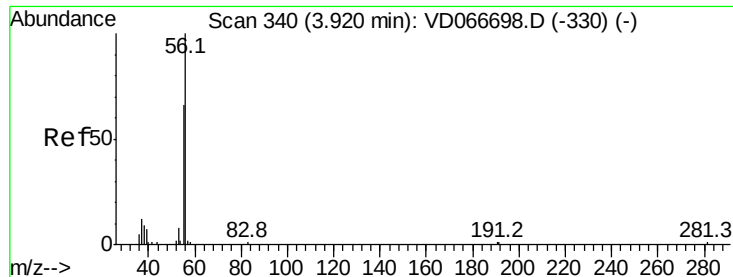


#12

1,1-Dichloroethene
 Concen: 49.813 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion: 96 Resp: 213051
 Ion Ratio Lower Upper
 96 100
 61 168.0 131.9 197.9
 98 65.8 49.1 73.7





#13

Acrolein

Concen: 236.264 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

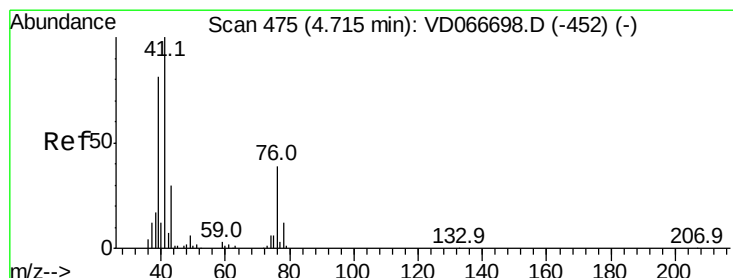
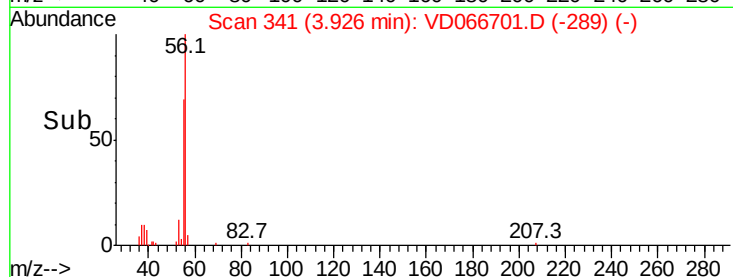
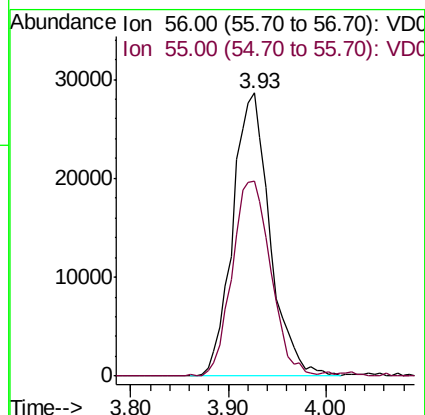
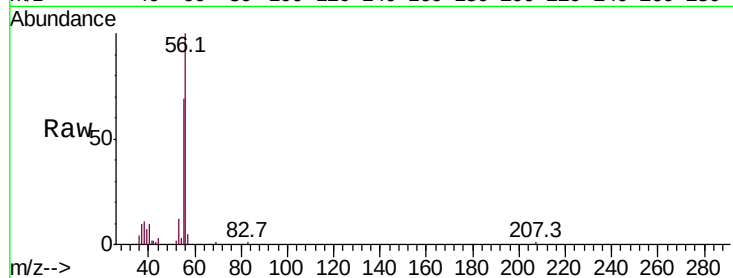
ICVVD091520

Tot Ion: 56 Resp: 75993

Ion Ratio Lower Upper

56 100

55 71.5 54.7 82.1



#14

Allyl chloride

Concen: 51.067 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

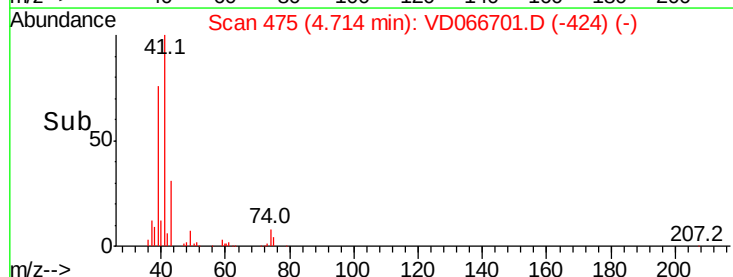
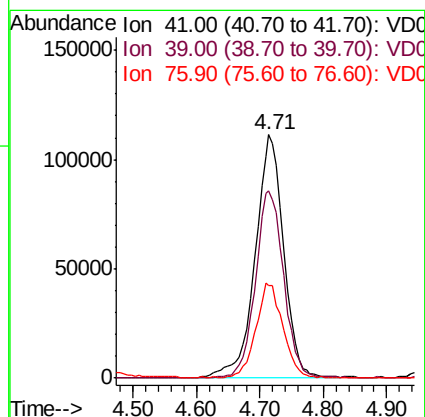
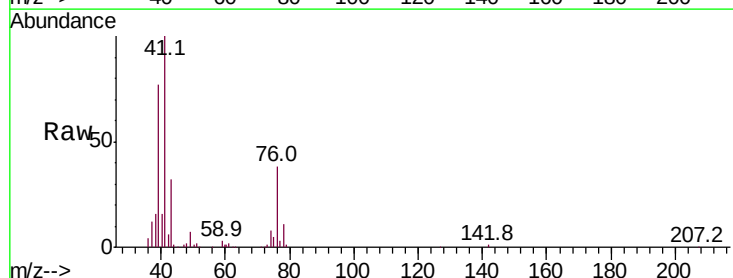
Tgt Ion: 41 Resp: 350761

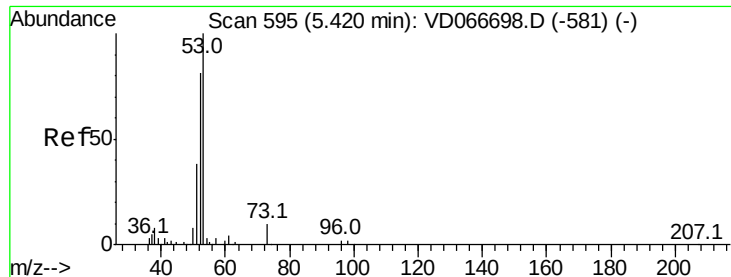
Ion Ratio Lower Upper

41 100

39 76.3 60.6 90.8

76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 262.765 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

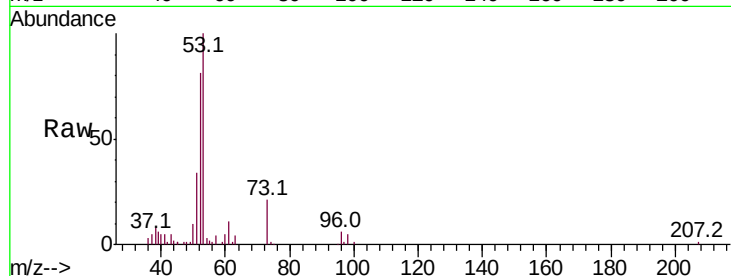
Tot Ion: 53 Resp: 242361

Ion Ratio Lower Upper

53 100

52 82.5 66.6 99.8

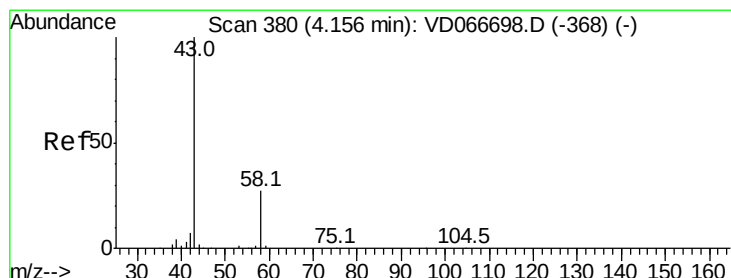
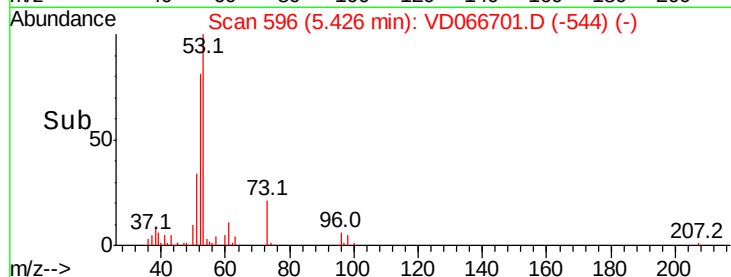
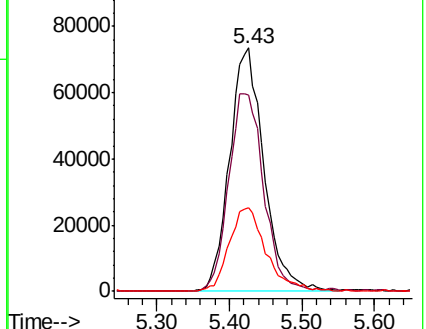
51 36.9 31.0 46.6



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: 245.061 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066701.D

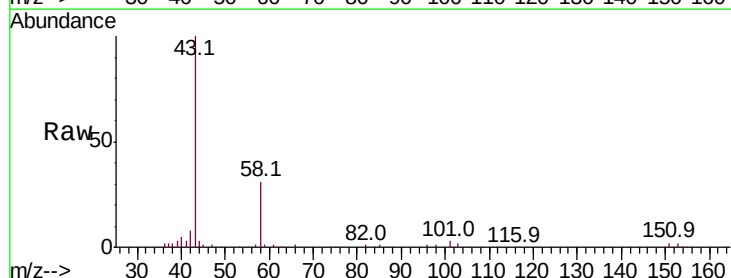
Acq: 15 Sep 2020 17:04

Tgt Ion: 43 Resp: 227588

Ion Ratio Lower Upper

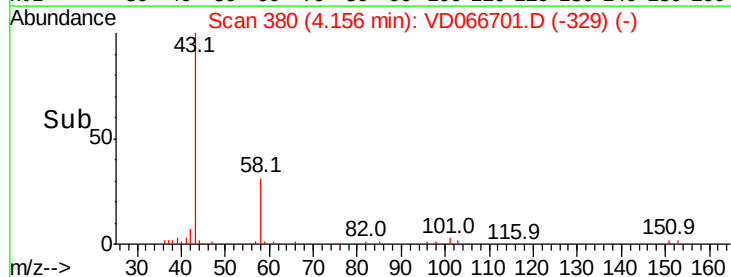
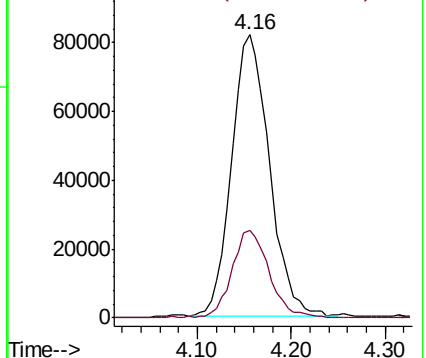
43 100

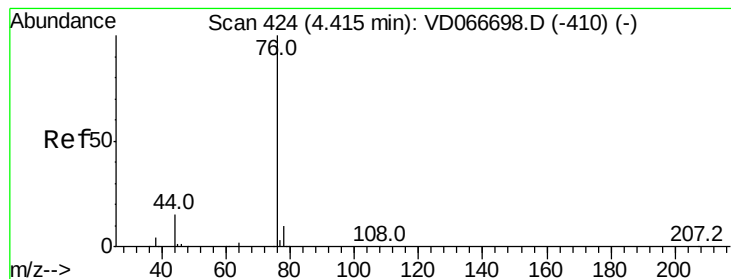
58 30.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 50.966 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

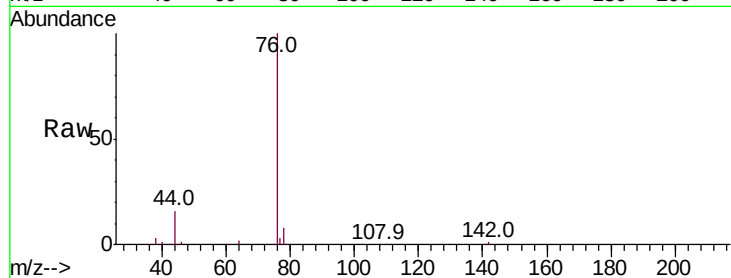
ICVVD091520

Tot Ion: 76 Resp: 684963

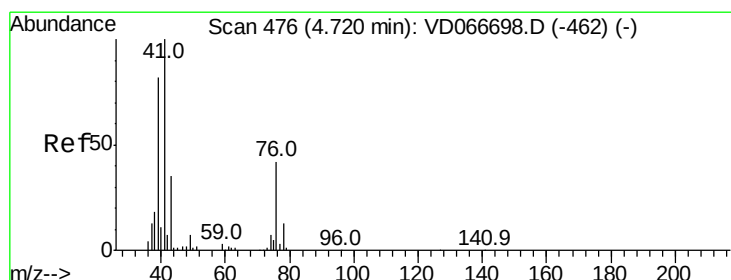
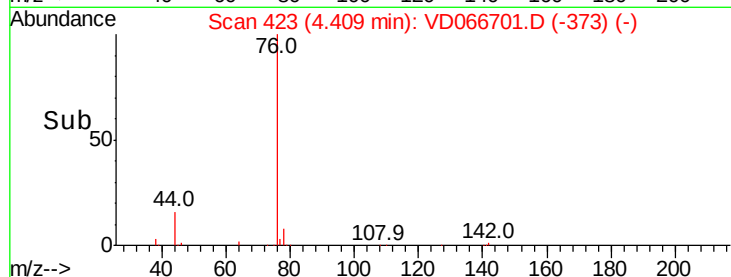
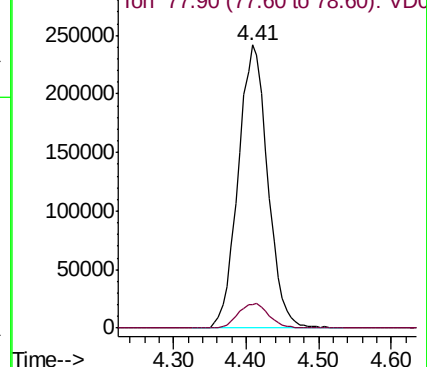
Ion Ratio Lower Upper

76 100

78 8.2 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC



#18

Methyl Acetate

Concen: 55.670 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066701.D

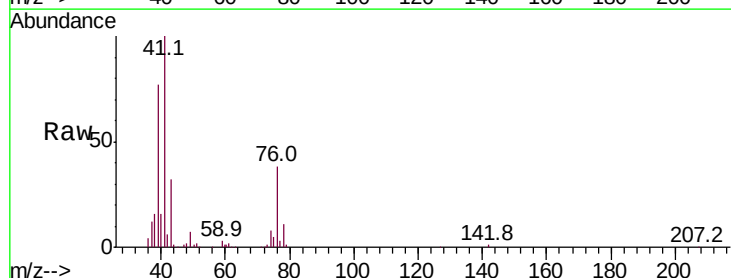
Acq: 15 Sep 2020 17:04

Tgt Ion: 43 Resp: 109542

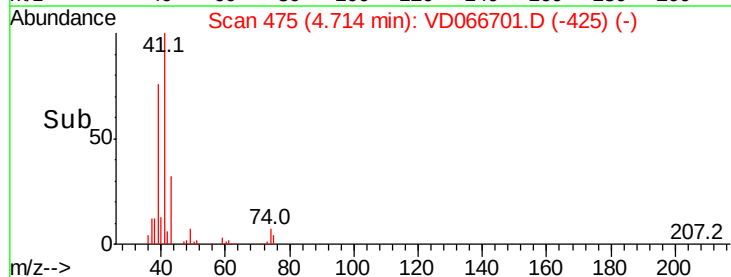
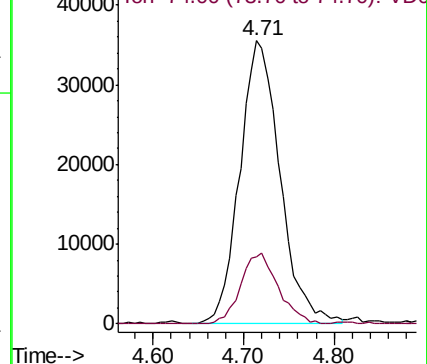
Ion Ratio Lower Upper

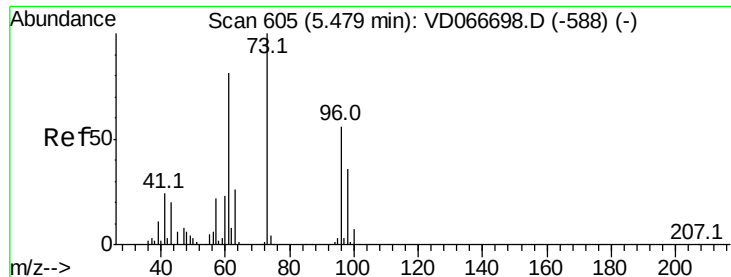
43 100

74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

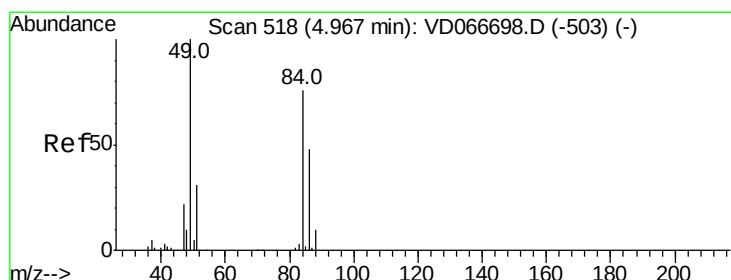
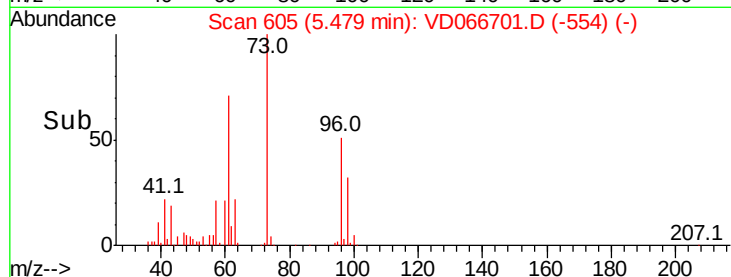
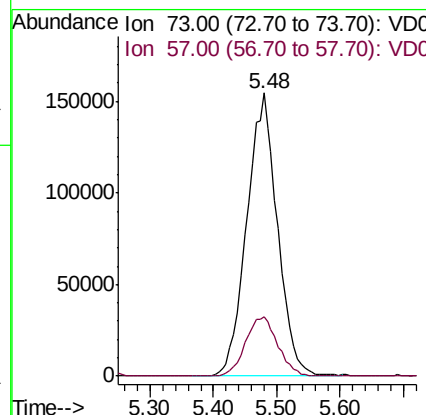
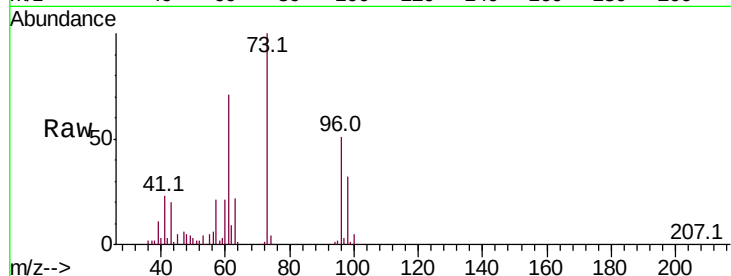




#19
Methyl tert-butyl Ether
Concen: 54.448 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

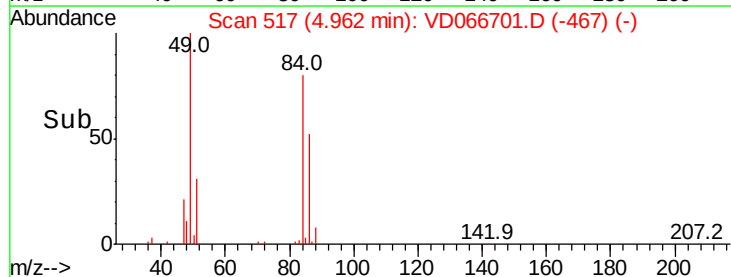
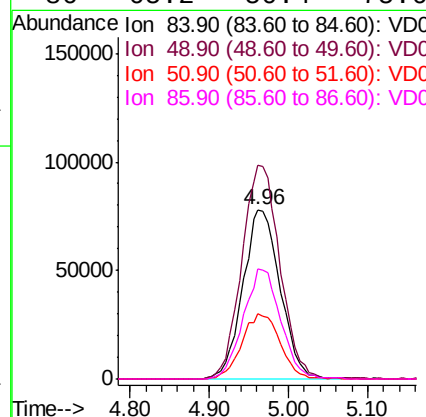
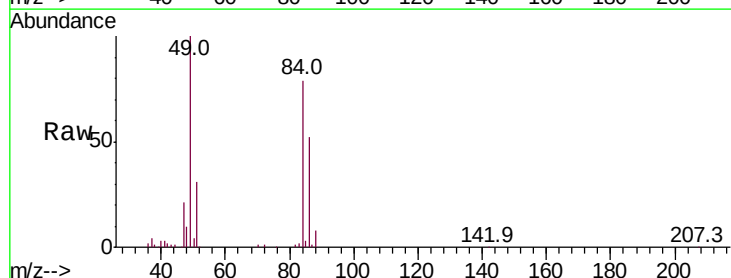
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

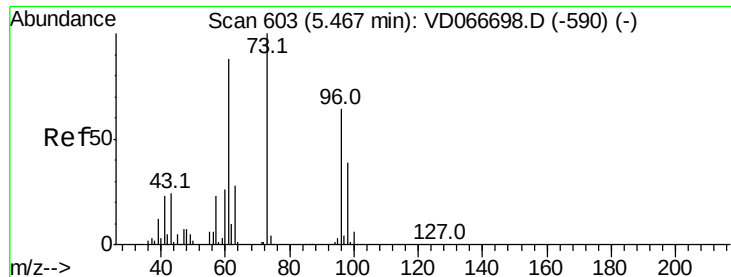
Tot Ion: 73 Resp: 518704
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6



#20
Methylene Chloride
Concen: 51.358 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 84 Resp: 255392
Ion Ratio Lower Upper
84 100
49 126.0 105.0 157.6
51 38.7 32.2 48.4
86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.790 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

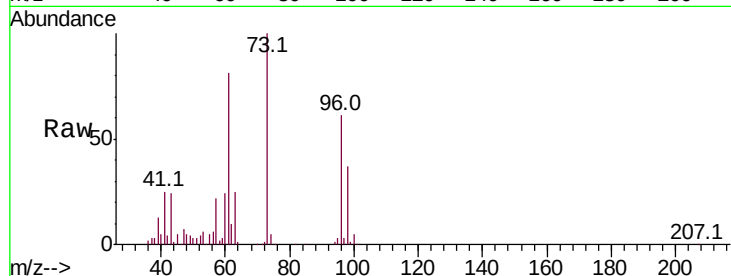
Tot Ion: 96 Resp: 258068

Ion Ratio Lower Upper

96 100

61 133.4 110.6 166.0

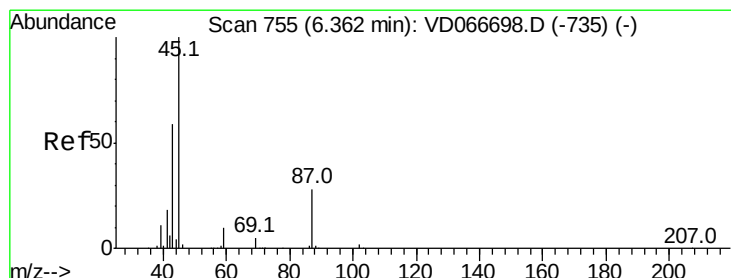
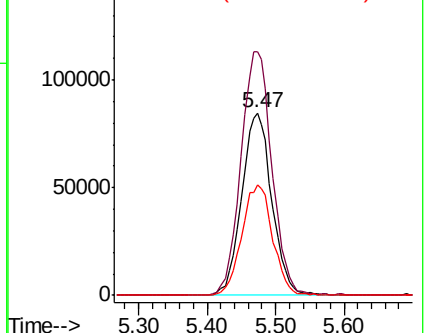
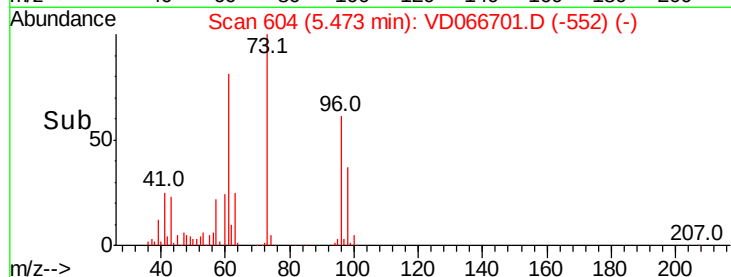
98 60.6 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 51.718 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion: 45 Resp: 721812

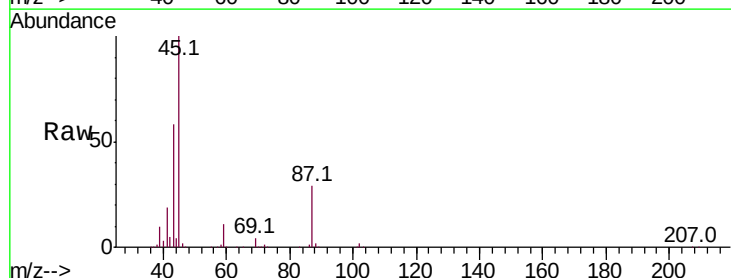
Ion Ratio Lower Upper

45 100

43 58.0 46.9 70.3

87 28.7 22.4 33.6

59 10.7 8.5 12.7

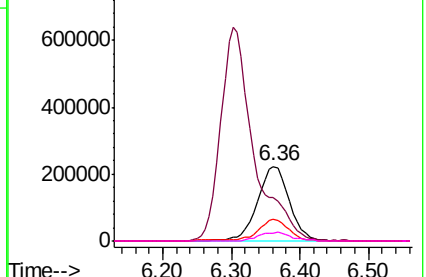
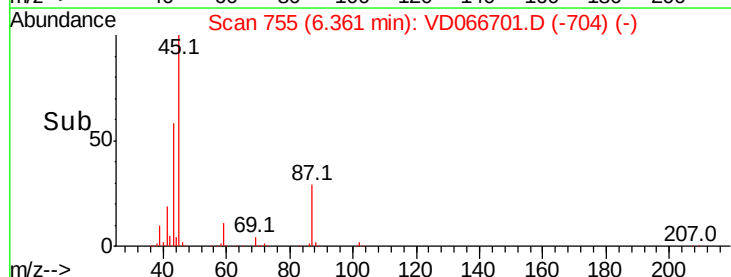


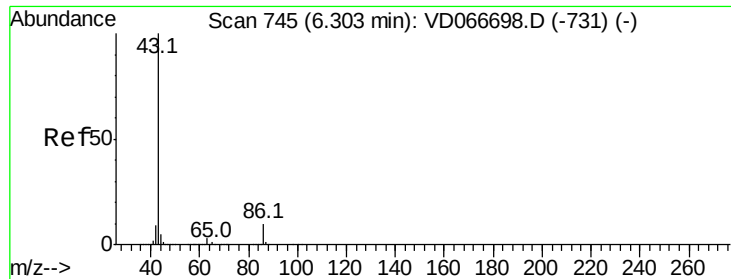
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 276.109 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

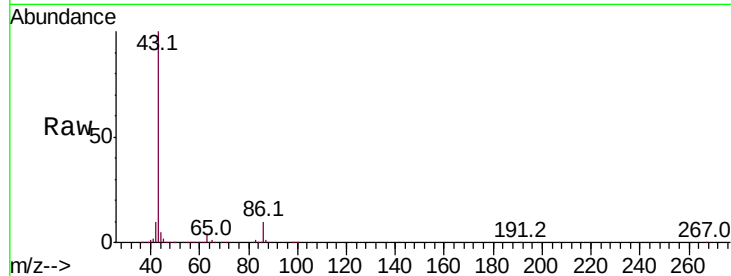
ICVVD091520

Tot Ion: 43 Resp: 2143531

Ion Ratio Lower Upper

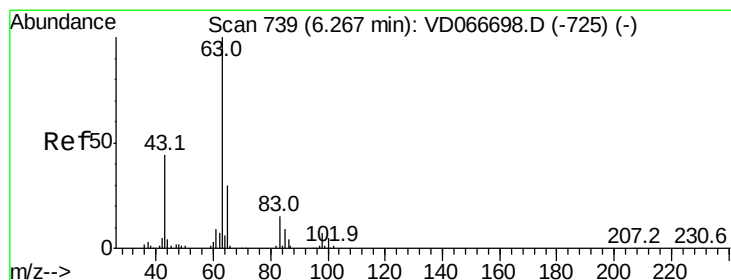
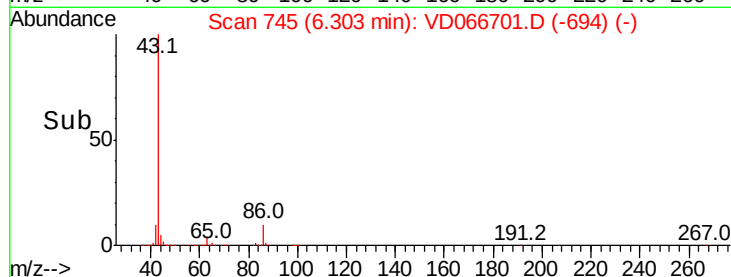
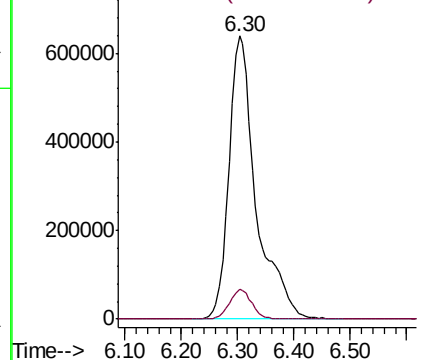
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.928 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

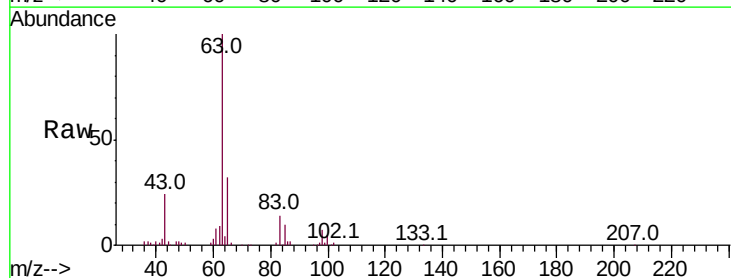
Tgt Ion: 63 Resp: 442189

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

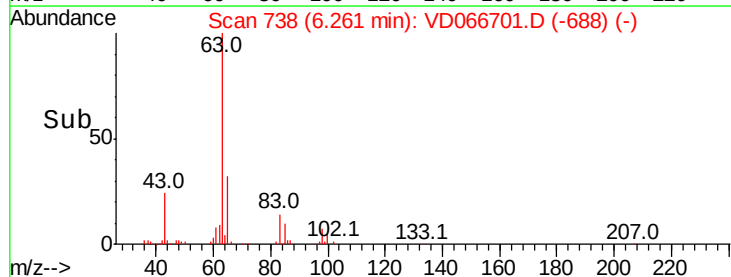
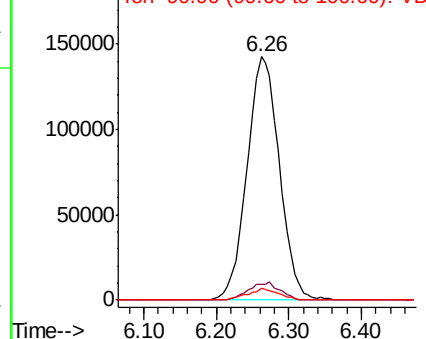
100 5.1 2.6 8.0

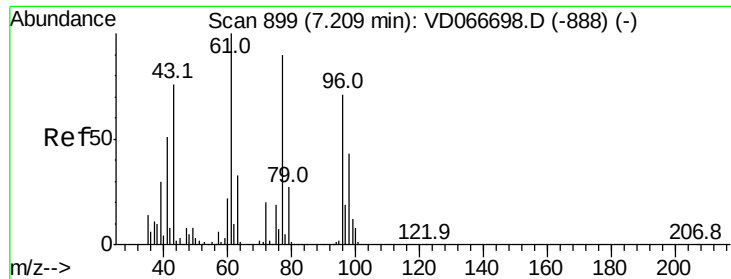


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

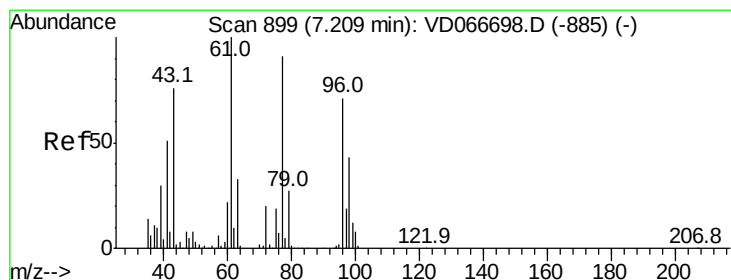
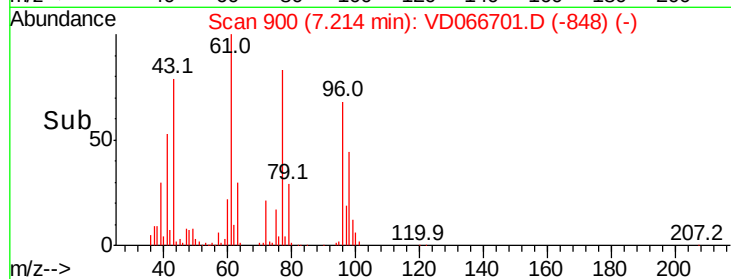
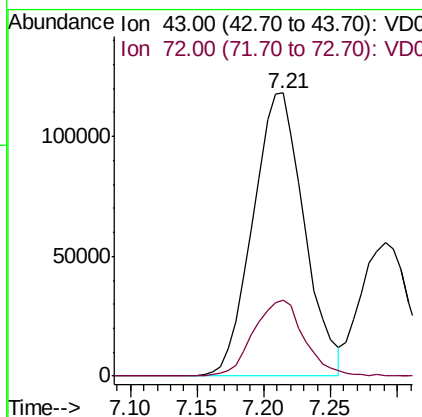
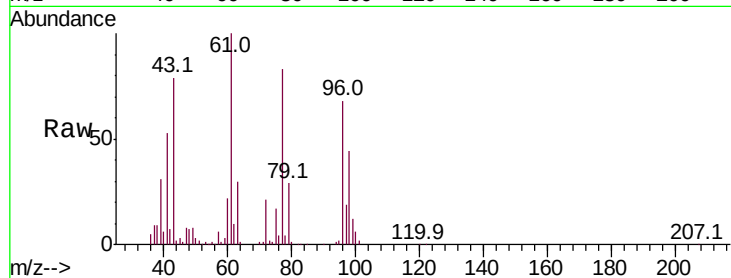




#25
2-Butanone
Concen: 260.771 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

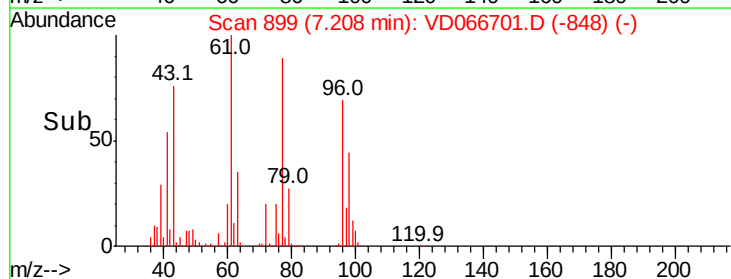
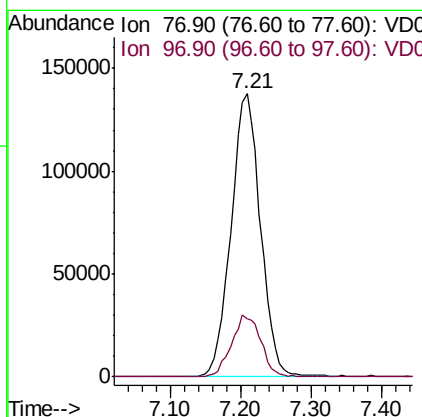
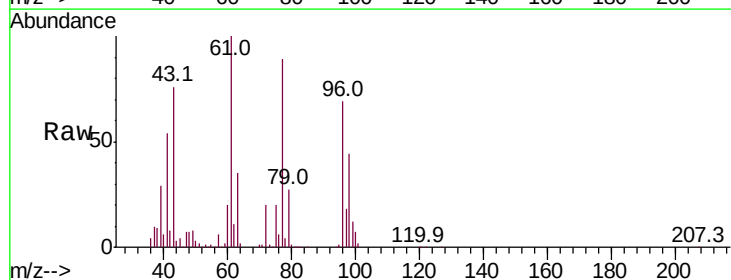
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

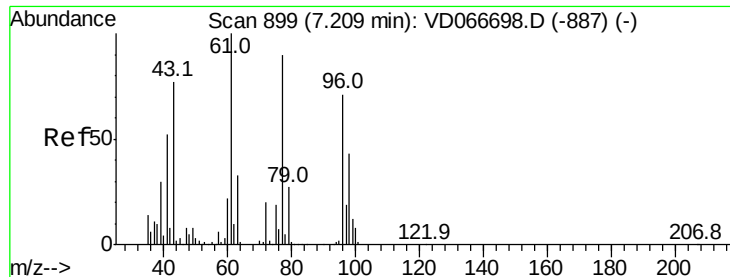
Tot Ion: 43 Resp: 315351
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 48.638 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 77 Resp: 398334
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8



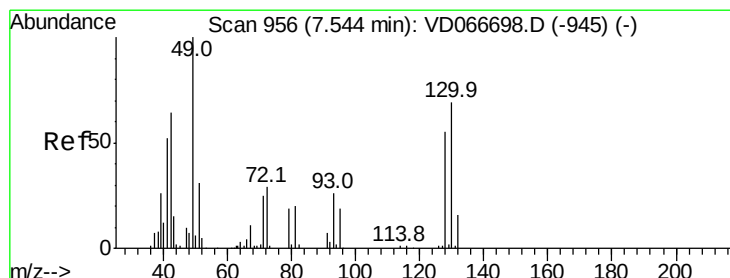
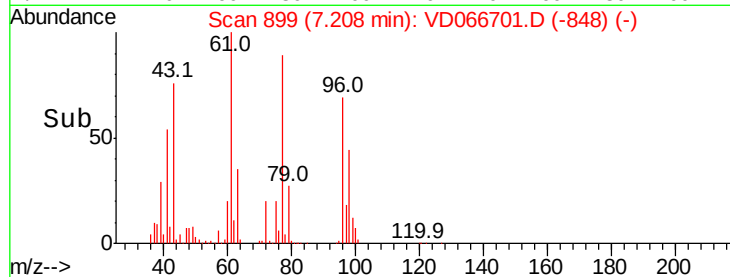
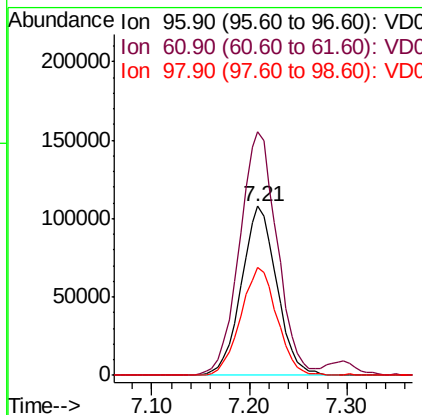
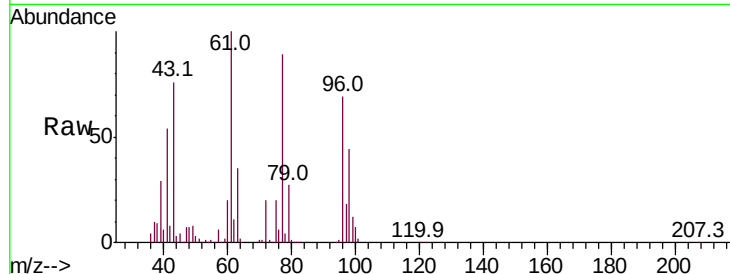


#27

cis-1,2-Dichloroethene
 Concen: 50.119 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

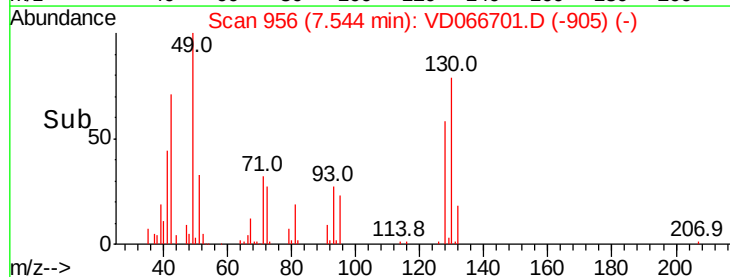
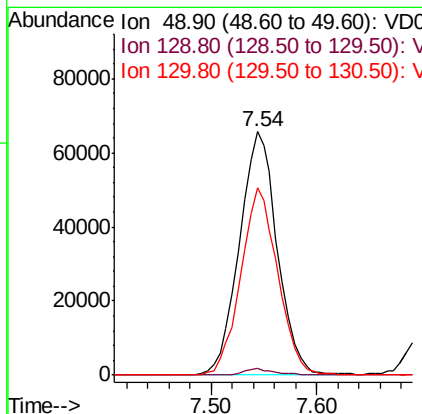
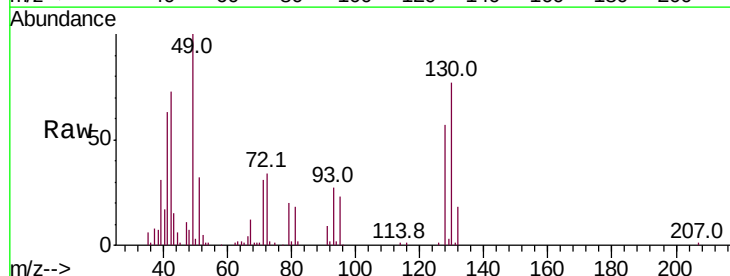
Tot Ion	96	Resp	273216
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	292.4
98	65.8	0.0	127.0

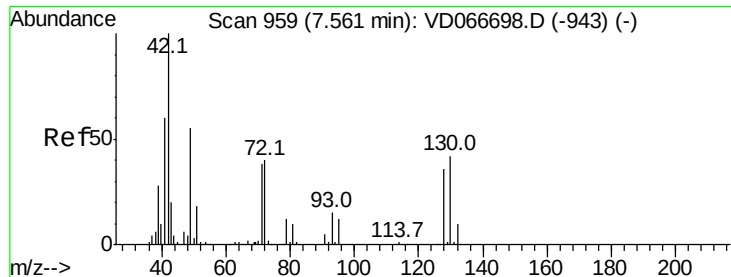


#28

Bromochloromethane
 Concen: 49.308 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	49	Resp	163111
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	75.2	58.6	88.0

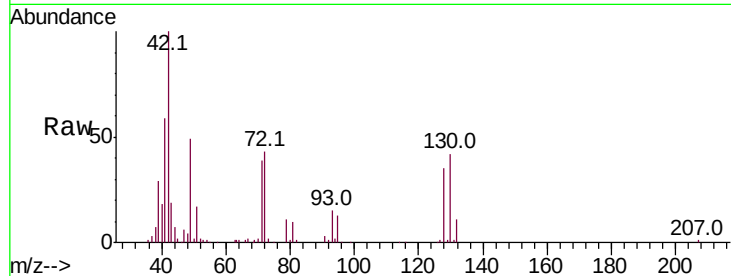




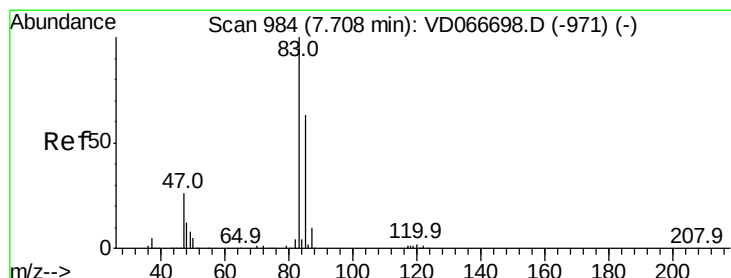
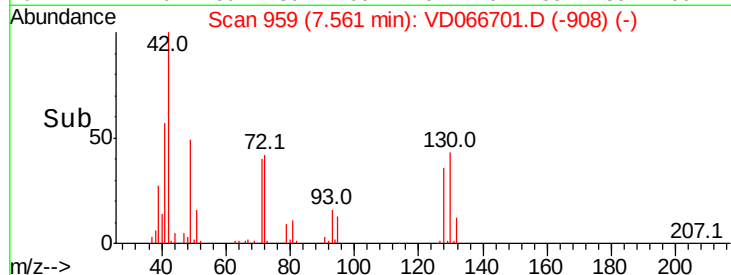
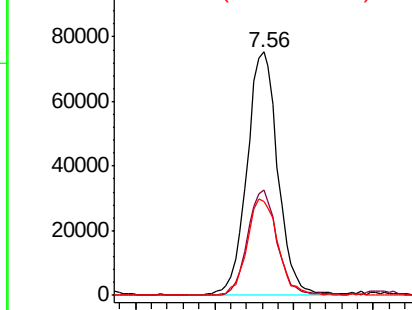
#29
Tetrahydrofuran
Concen: 277.200 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion: 42 Resp: 205098
Ion Ratio Lower Upper
42 100
72 41.5 32.6 48.8
71 39.4 30.6 45.8

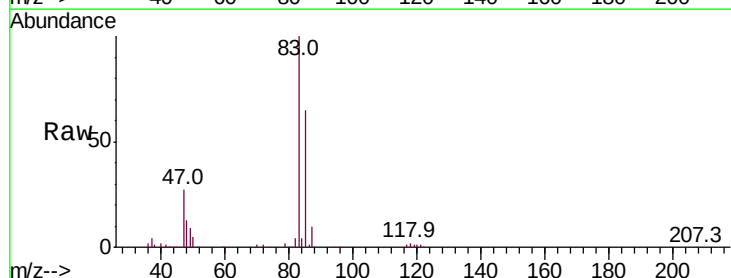


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

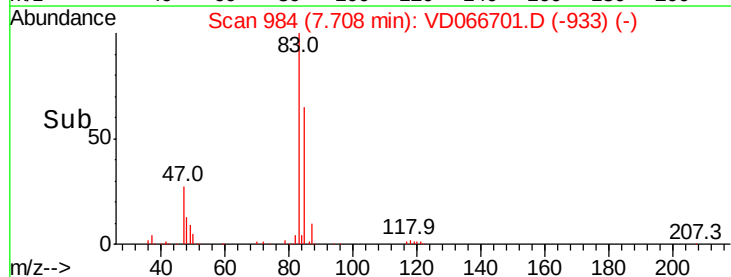
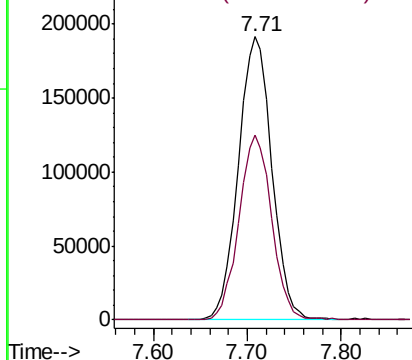


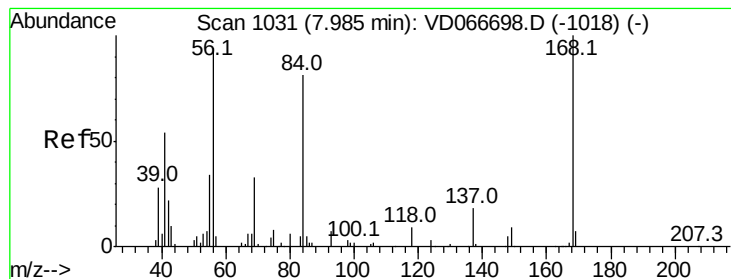
#30
Chloroform
Concen: 50.119 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 83 Resp: 472412
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0



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





#31

Cyclohexane

Concen: 50.397 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

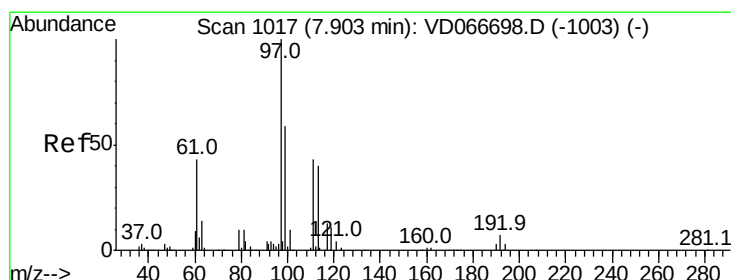
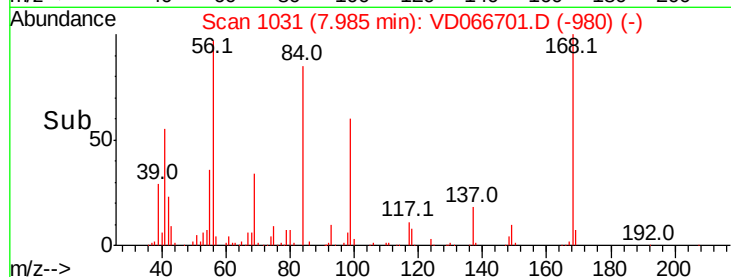
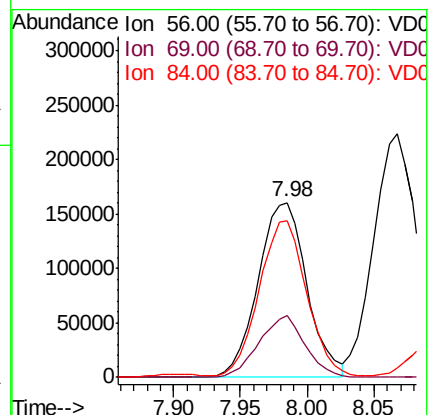
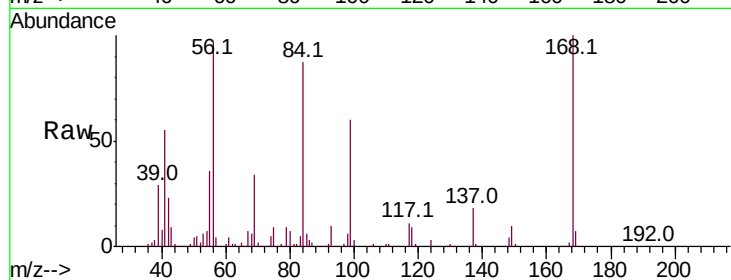
Tot Ion: 56 Resp: 405984

Ion Ratio Lower Upper

56 100

69 35.1 27.7 41.5

84 88.0 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 50.557 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

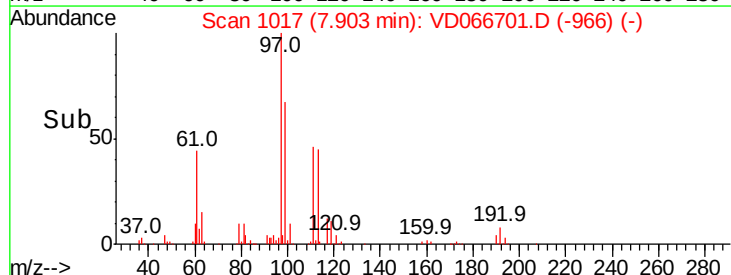
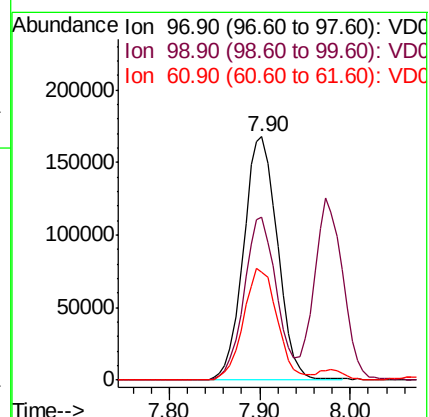
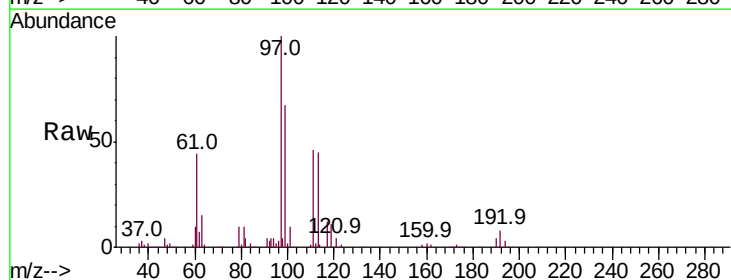
Tgt Ion: 97 Resp: 436064

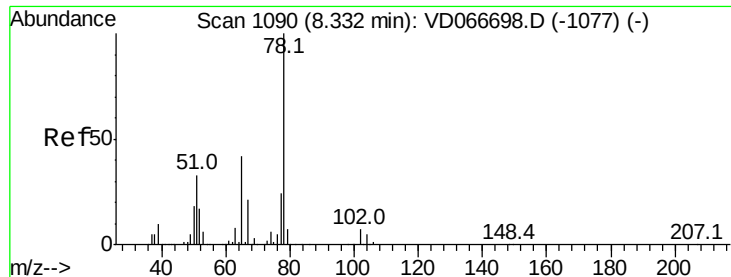
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 45.9 35.2 52.8

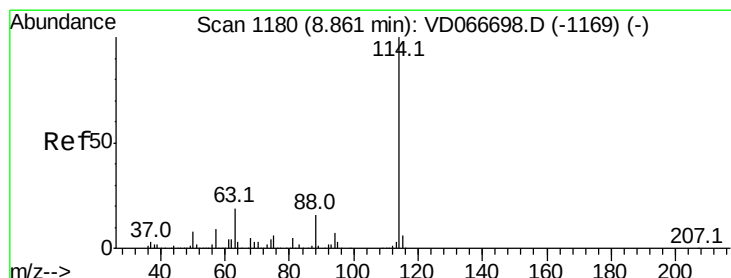
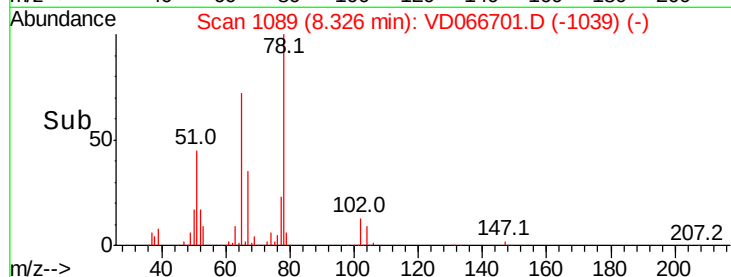
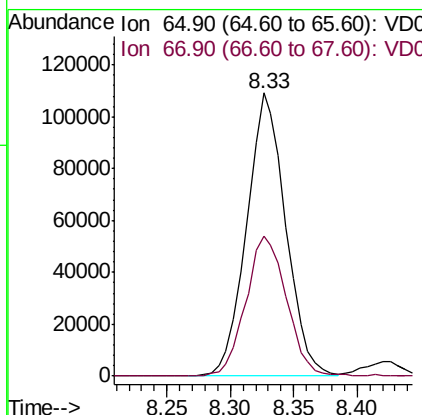
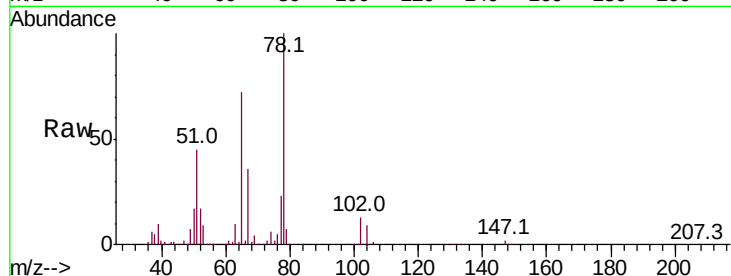




#33
 1,2-Dichloroethane-d4
 Concen: 51.174 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

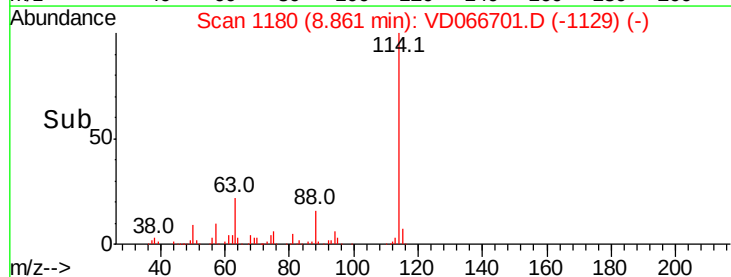
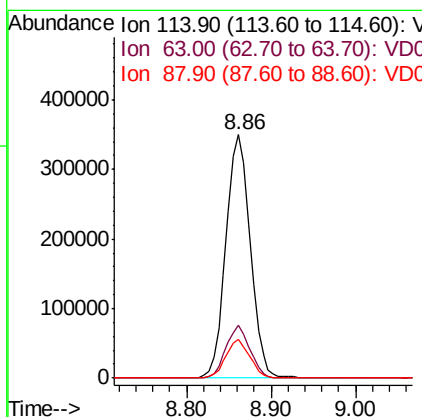
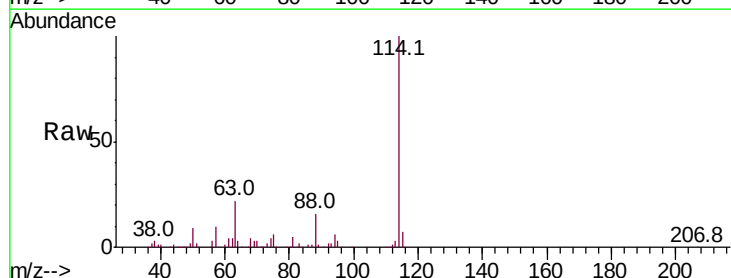
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

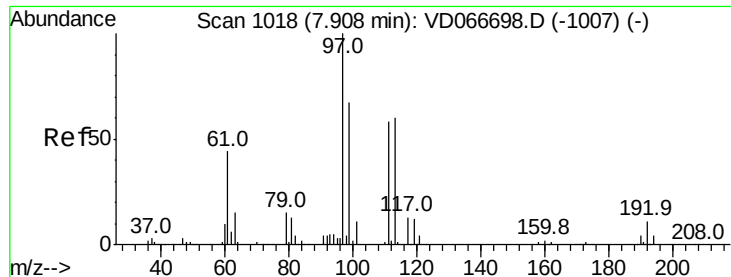
Tot Ion: 65 Resp: 233379
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion: 114 Resp: 696707
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.6
 88 15.8 0.0 32.2

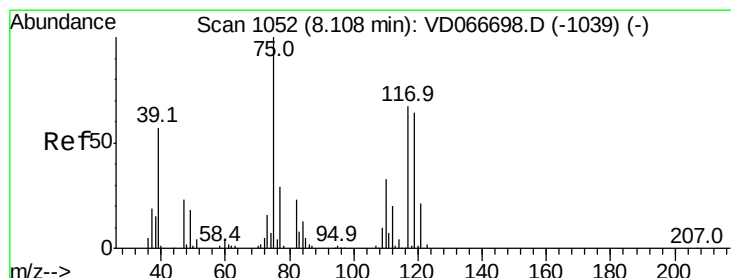
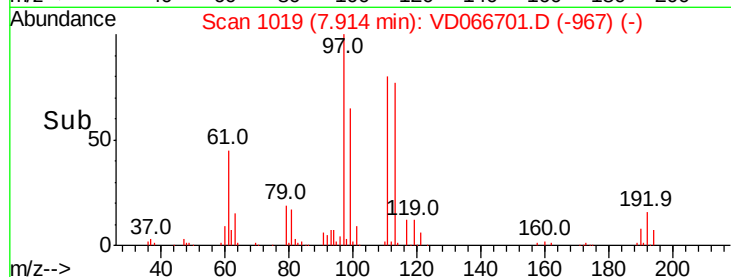
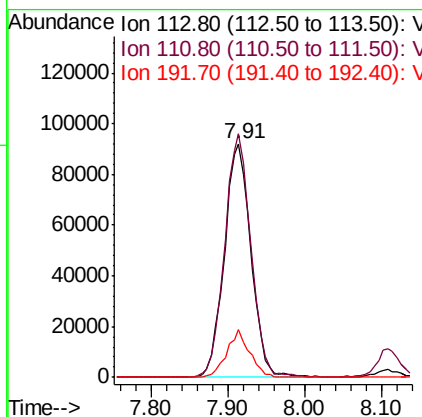
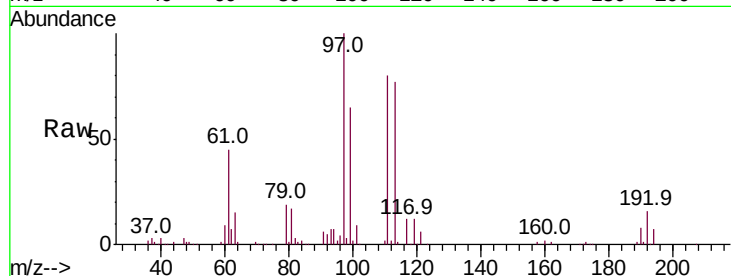




#35
 Dibromofluoromethane
 Concen: 51.725 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

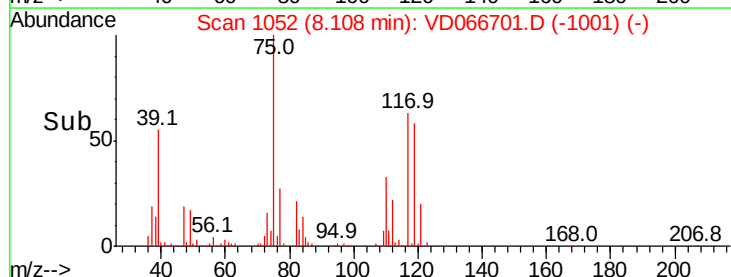
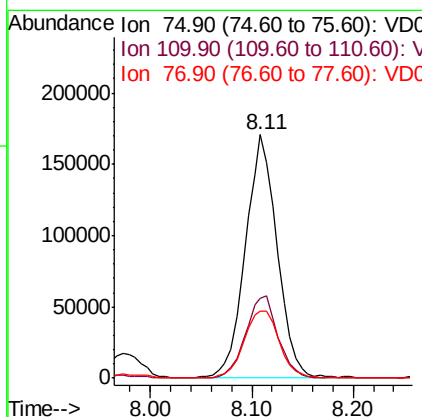
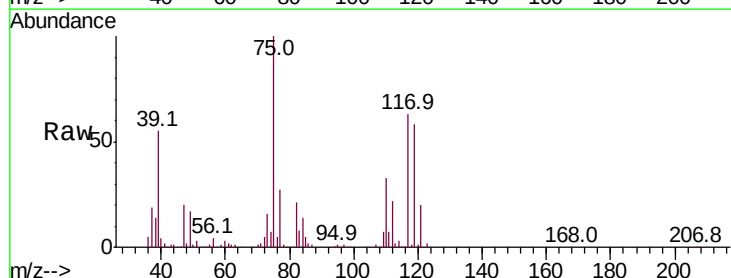
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

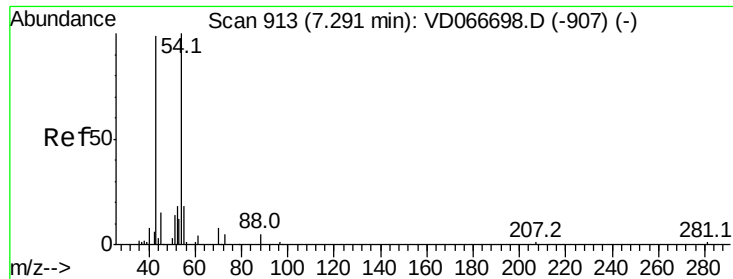
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	17.6	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 51.589 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.1	51.2
77	31.0	25.0	37.6

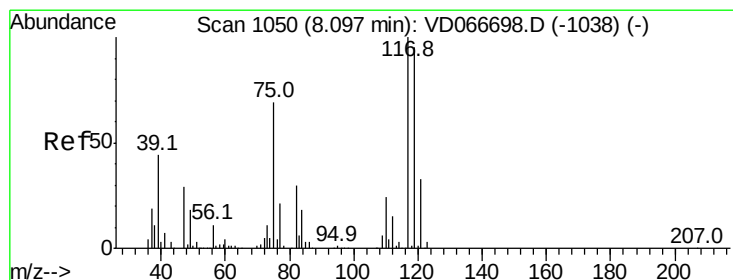
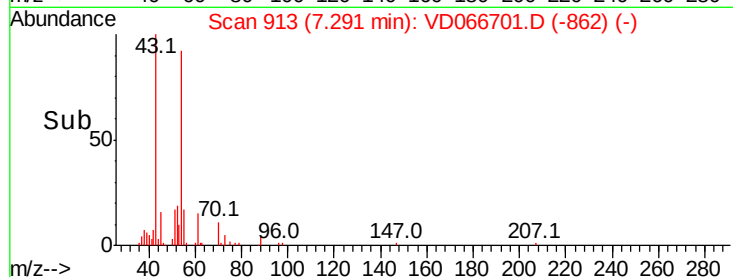
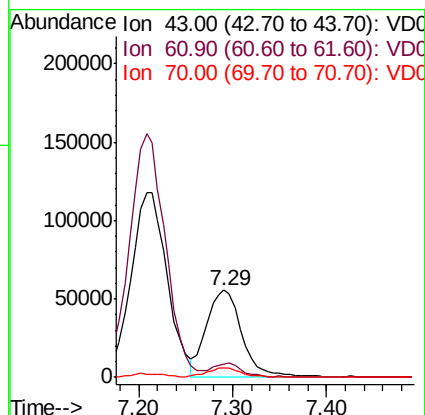
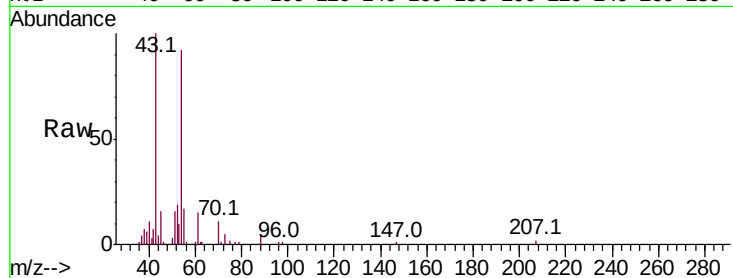




#37
Ethyl Acetate
Concen: 53.767 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

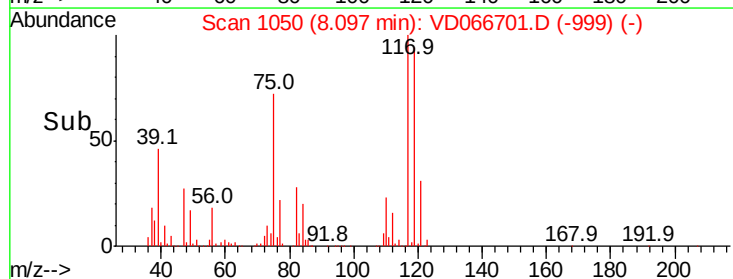
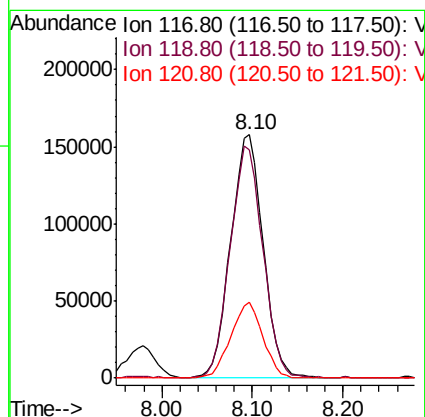
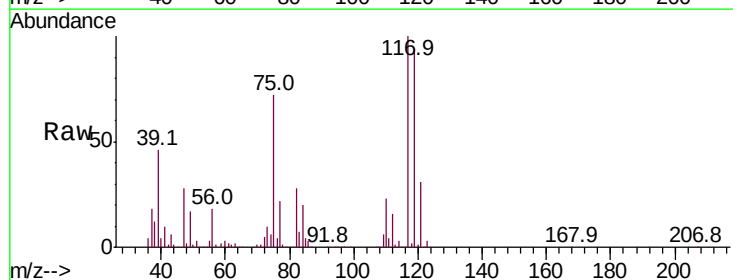
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

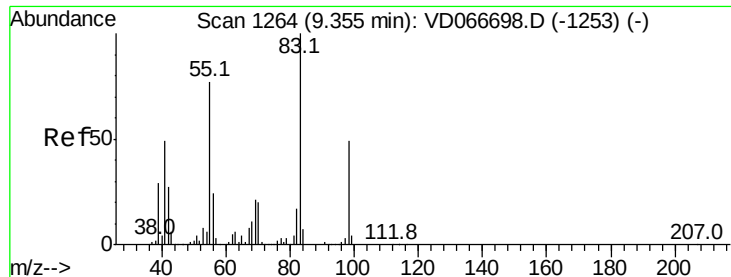
Tot Ion: 43 Resp: 145806
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 10.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.426 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 117 Resp: 391191
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 31.0 26.2 39.4

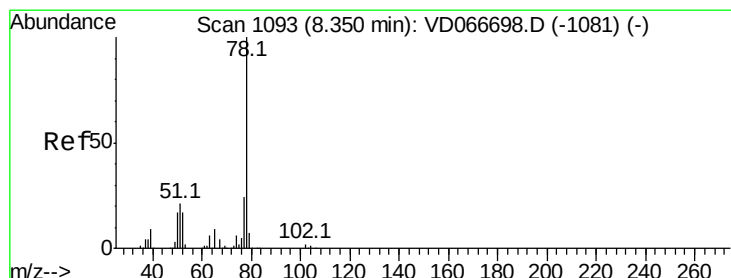
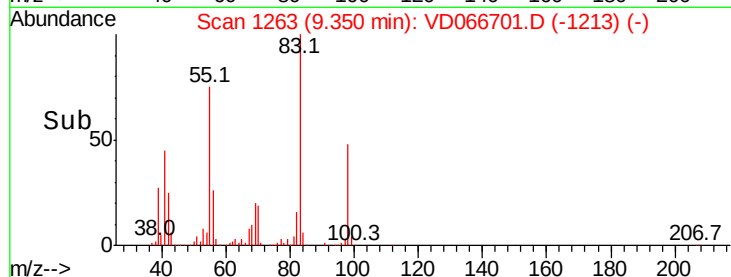
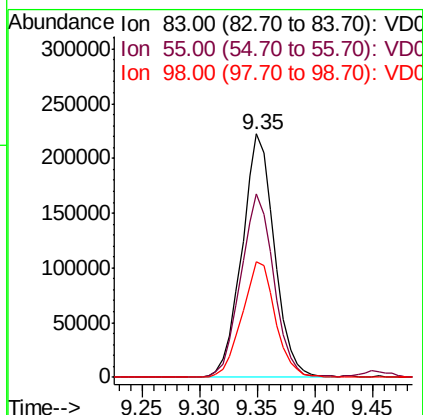
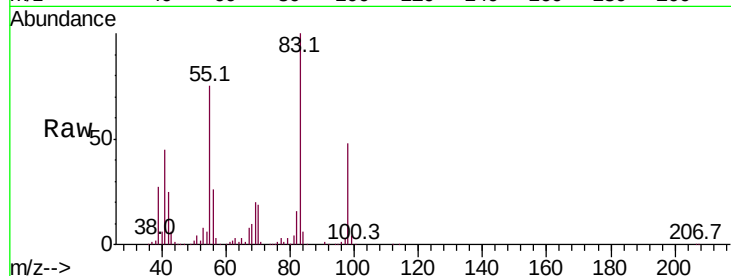




#39
Methylvlcyclohexane
Concen: 53.109 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

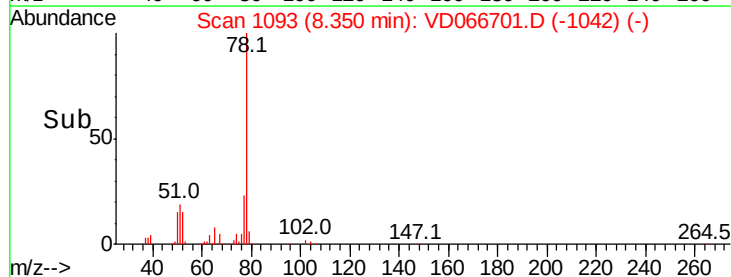
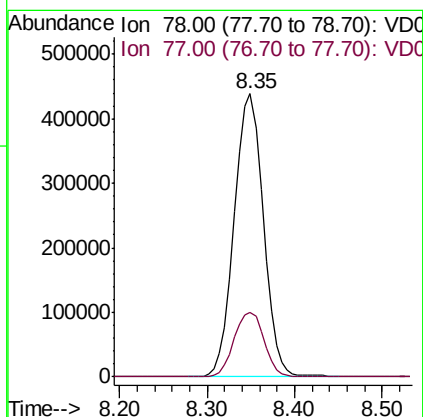
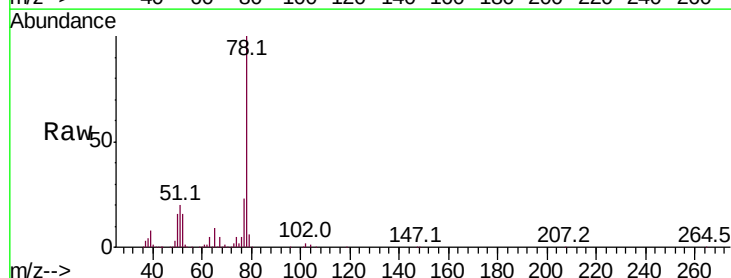
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

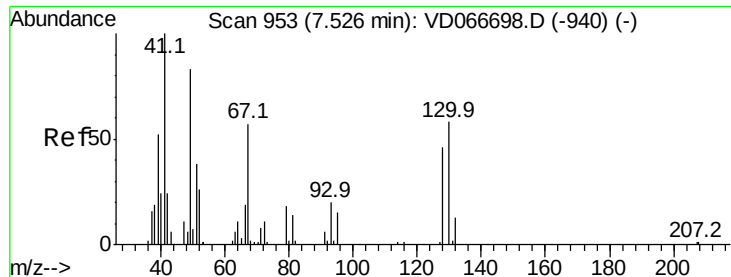
Tot Ion: 83 Resp: 435144
Ion Ratio Lower Upper
83 100
55 75.2 61.5 92.3
98 47.5 39.3 58.9



#40
Benzene
Concen: 51.185 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 78 Resp: 991924
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41

Methacrylonitrile

Concen: 142.376 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion: 41 Resp: 204402

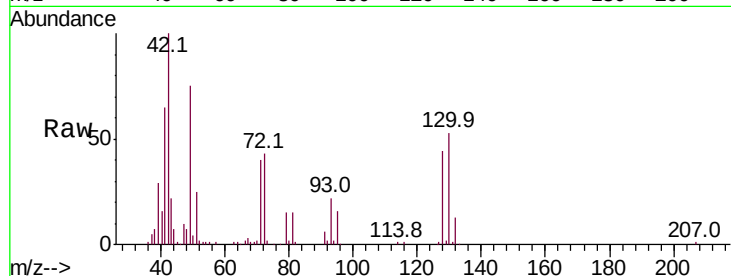
Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

67 0.0 62.3 93.5#

52 0.0 28.0 42.0#

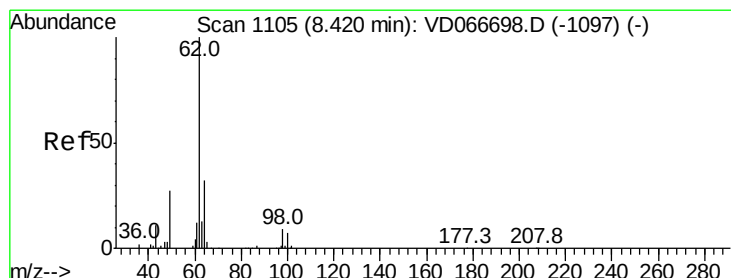
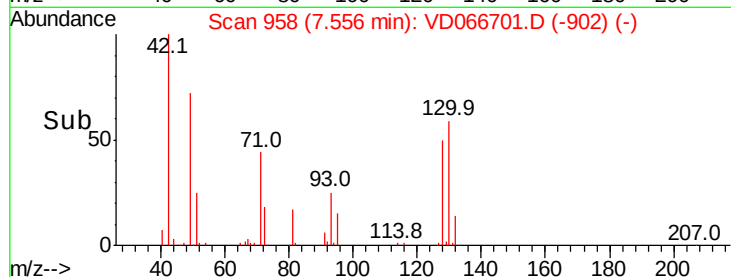
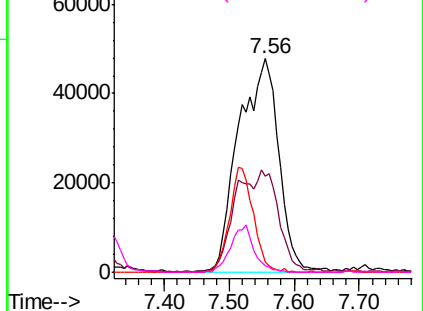


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 50.874 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066701.D

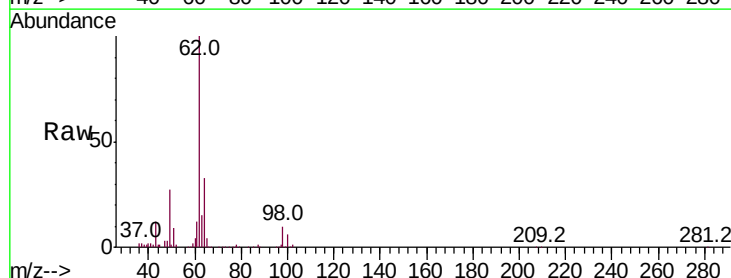
Acq: 15 Sep 2020 17:04

Tgt Ion: 62 Resp: 305438

Ion Ratio Lower Upper

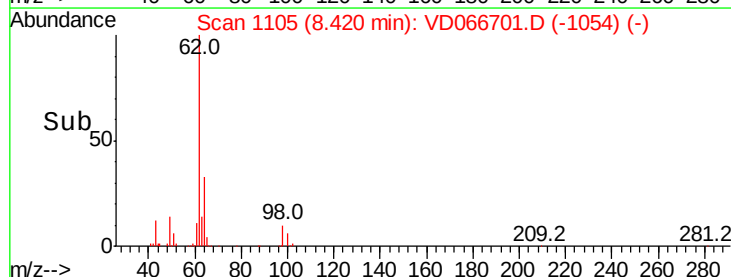
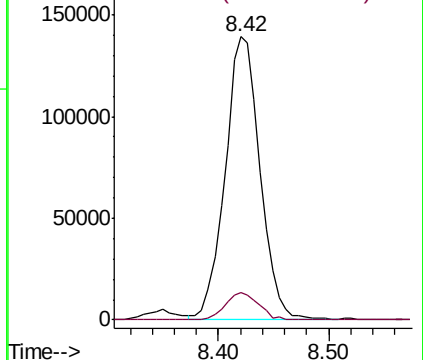
62 100

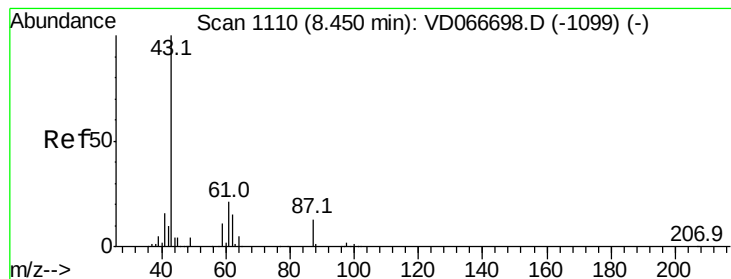
98 9.5 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 53.826 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

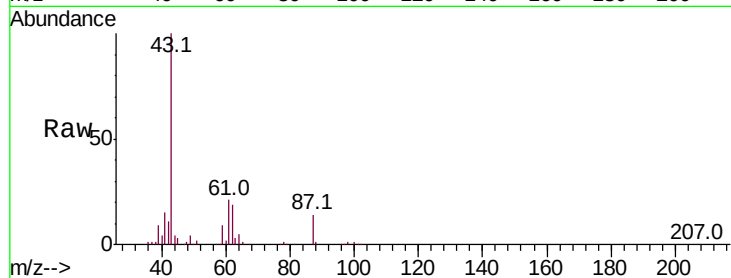
Tot Ion: 43 Resp: 274740

Ion Ratio Lower Upper

43 100

61 29.6 24.8 37.2

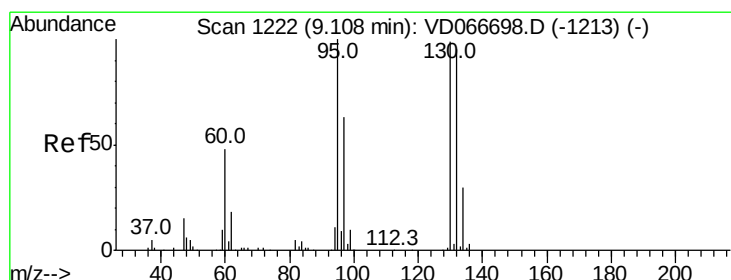
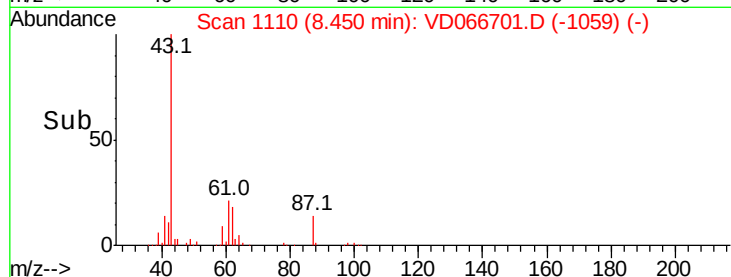
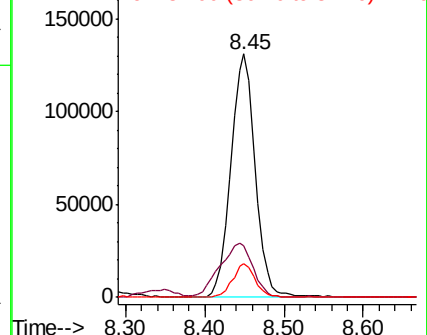
87 13.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 51.601 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066701.D

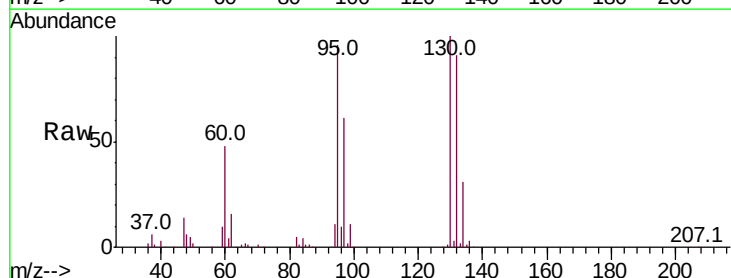
Acq: 15 Sep 2020 17:04

Tgt Ion:130 Resp: 267366

Ion Ratio Lower Upper

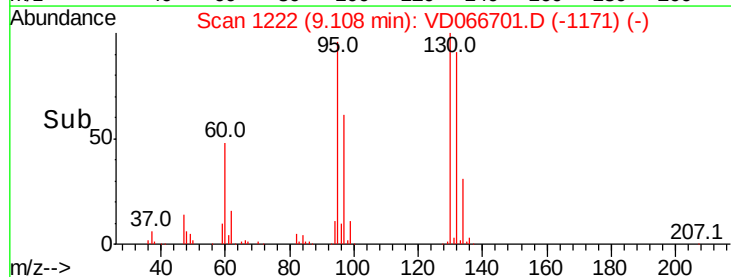
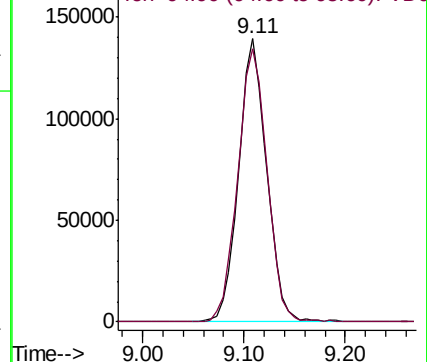
130 100

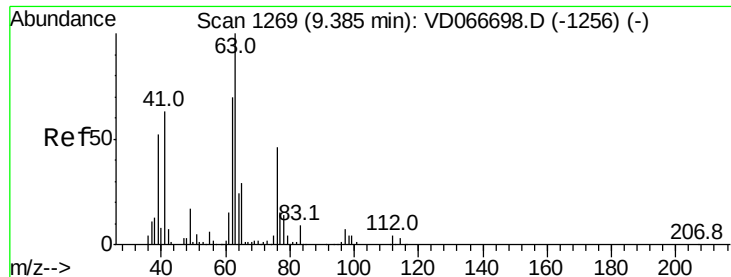
95 96.4 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.894 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

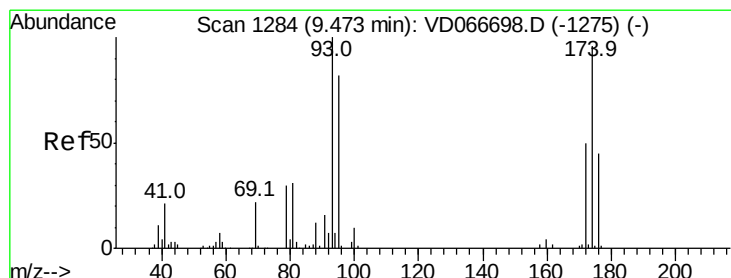
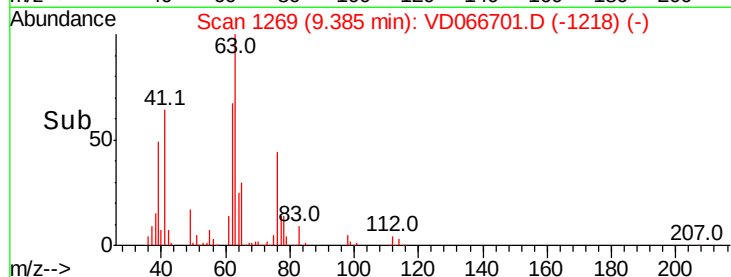
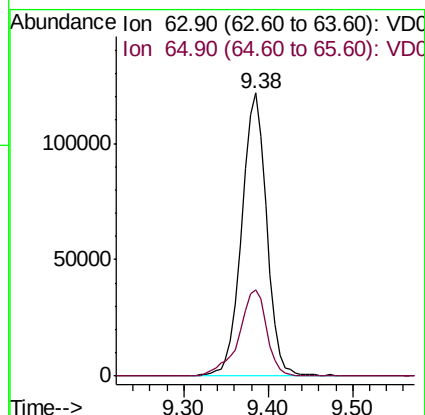
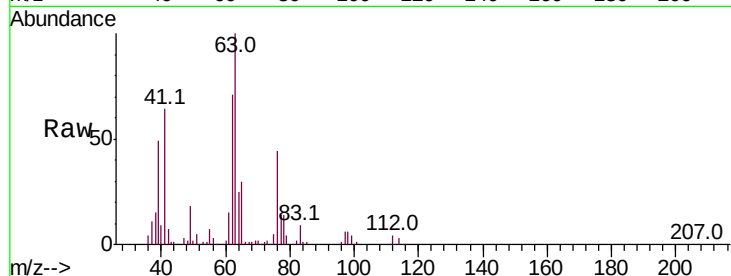
ICVVD091520

Tot Ion: 63 Resp: 248618

Ion Ratio Lower Upper

63 100

65 30.4 23.4 35.0



#46

Dibromomethane

Concen: 52.940 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

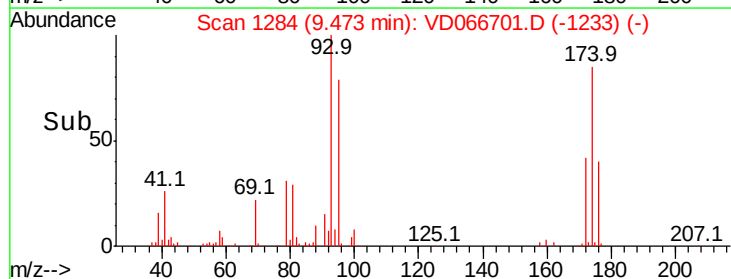
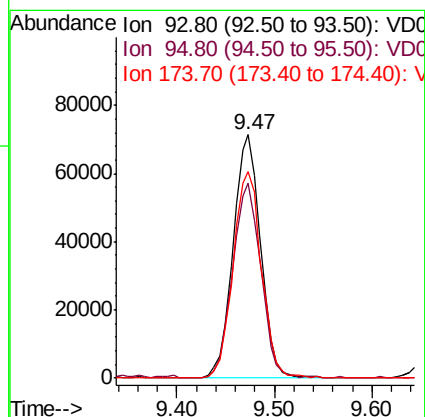
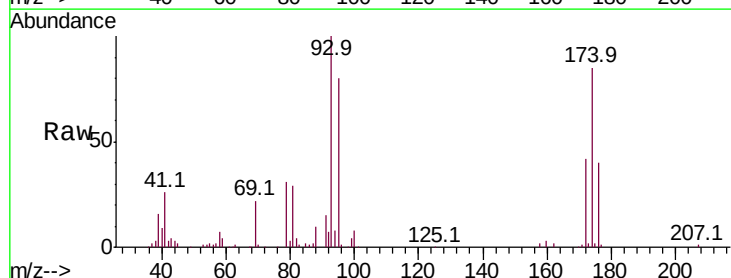
Tgt Ion: 93 Resp: 139371

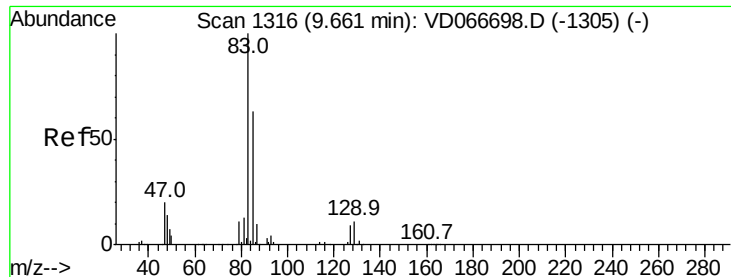
Ion Ratio Lower Upper

93 100

95 82.2 66.0 99.0

174 88.0 72.3 108.5





#47

Bromodichloromethane

Concen: 51.120 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

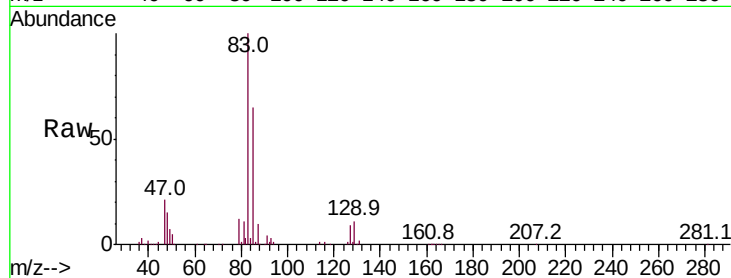
Tot Ion: 83 Resp: 366715

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

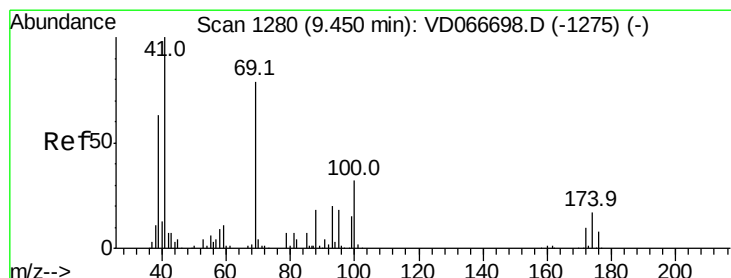
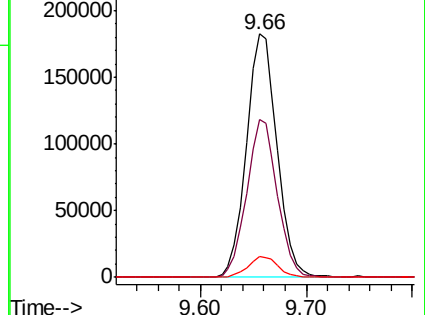
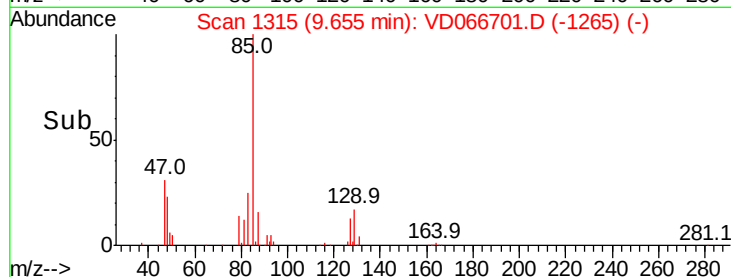
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 57.580 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

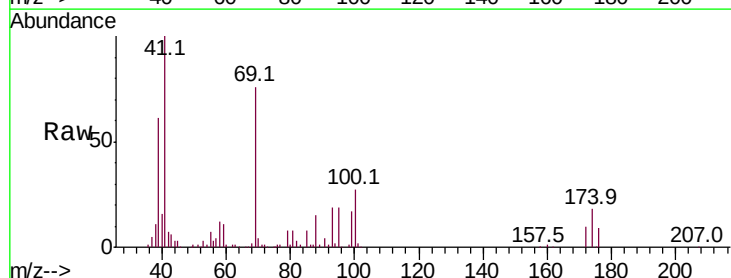
Tgt Ion: 41 Resp: 149492

Ion Ratio Lower Upper

41 100

69 78.3 62.4 93.6

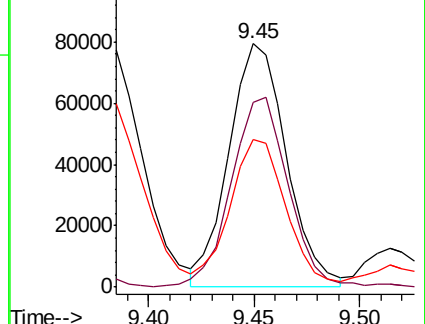
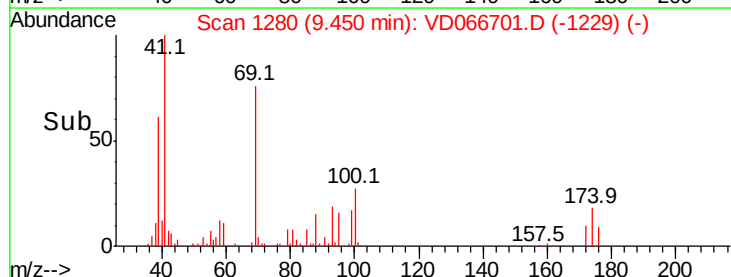
39 54.9 44.8 67.2

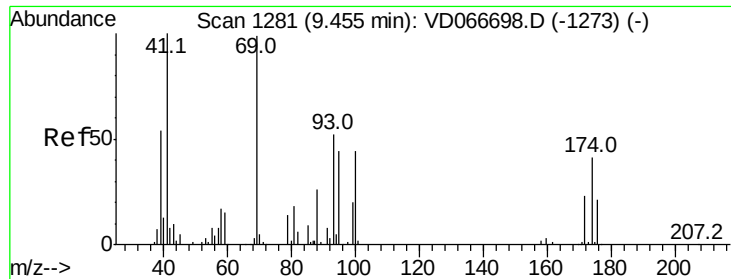


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

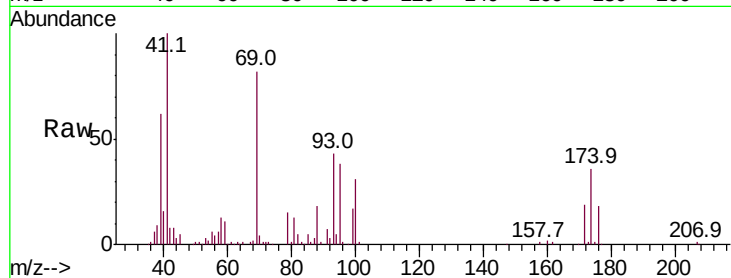




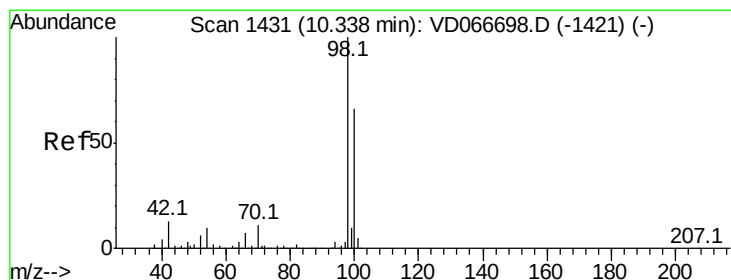
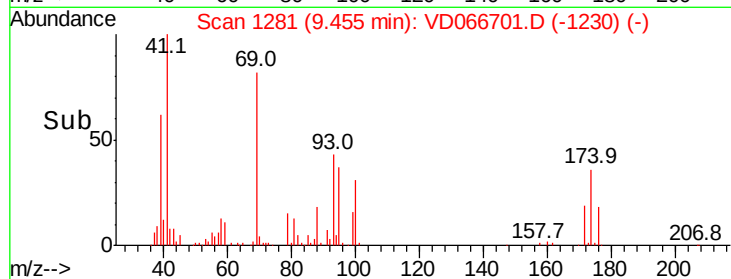
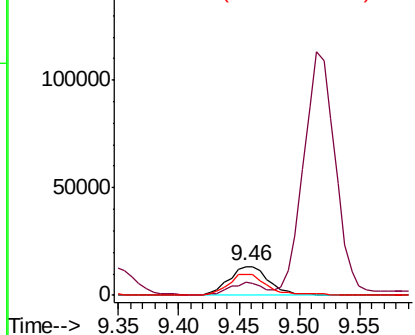
#49
1,4-Dioxane
Concen: 1102.147 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion: 88 Resp: 31081
Ion Ratio Lower Upper
88 100
43 38.9 29.3 43.9
58 74.0 51.4 77.2

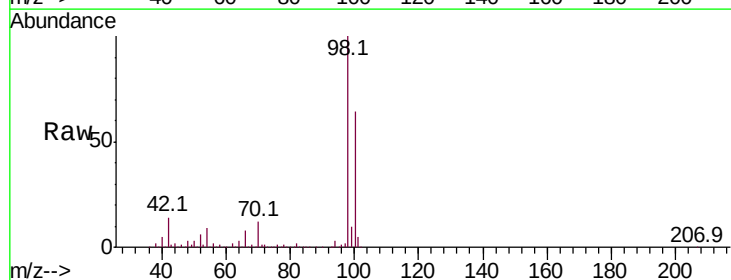


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

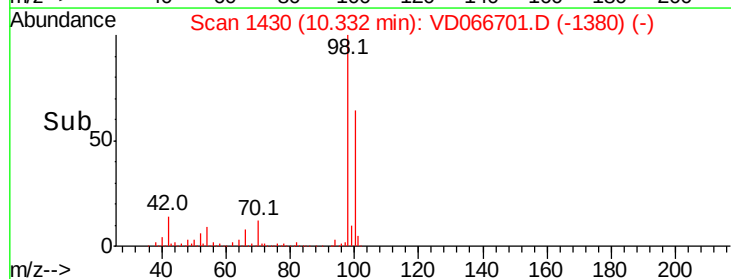
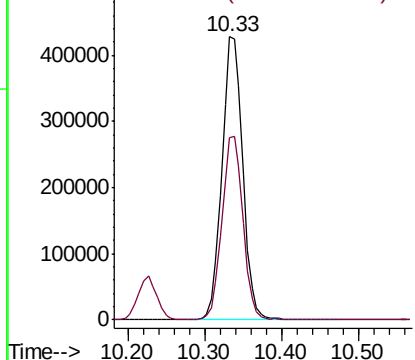


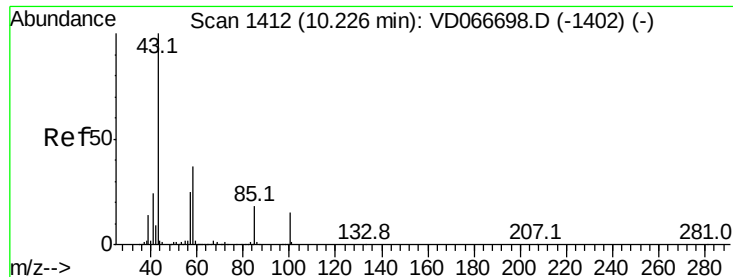
#50
Toluene-d8
Concen: 52.588 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 98 Resp: 800298
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



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: 270.445 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

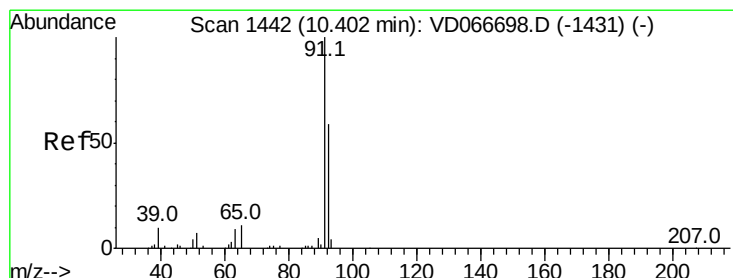
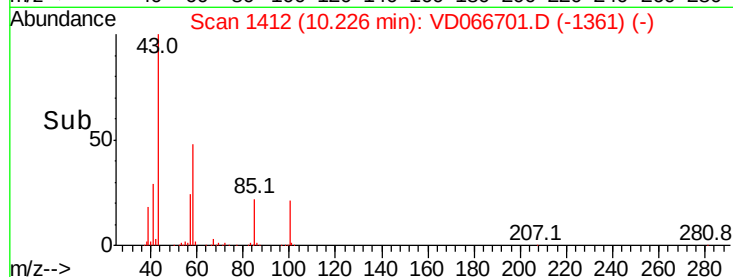
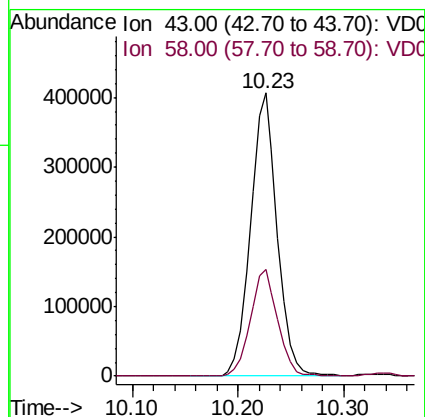
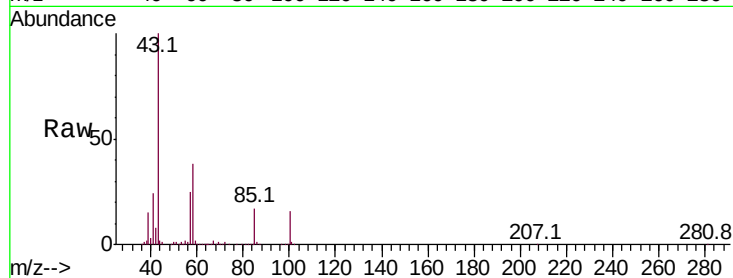
ICVVD091520

Tot Ion: 43 Resp: 710676

Ion Ratio Lower Upper

43 100

58 38.5 30.4 45.6



#52

Toluene

Concen: 51.557 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066701.D

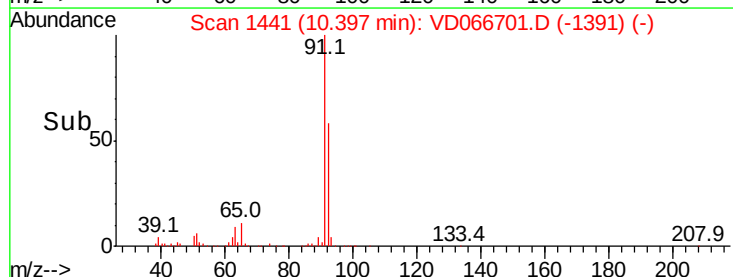
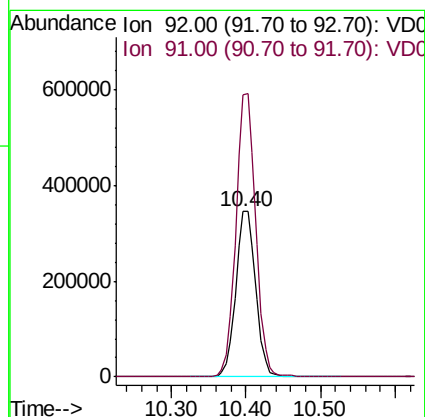
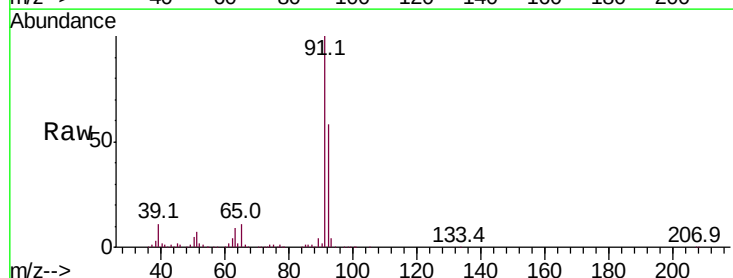
Acq: 15 Sep 2020 17:04

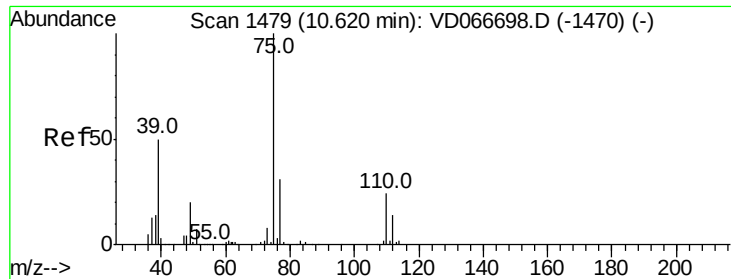
Tgt Ion: 92 Resp: 640054

Ion Ratio Lower Upper

92 100

91 171.0 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 53.149 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

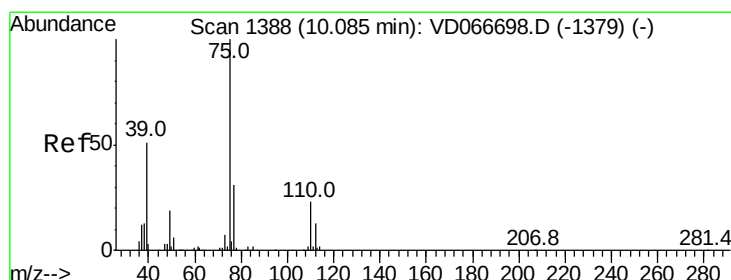
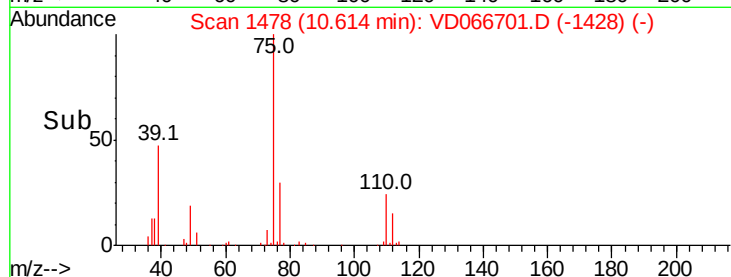
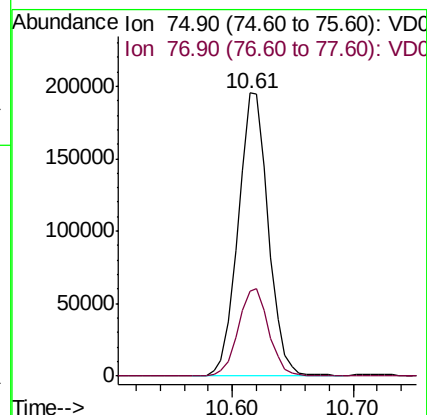
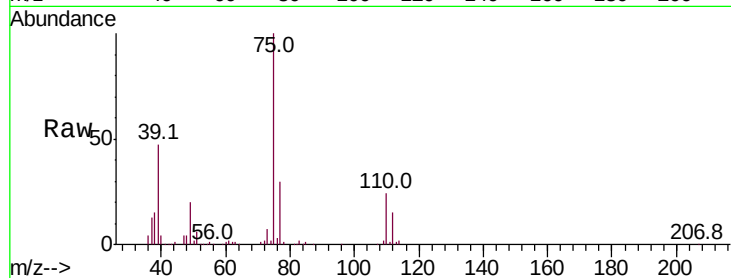
ICVVD091520

Tot Ion: 75 Resp: 340603

Ion Ratio Lower Upper

75 100

77 29.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 53.574 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

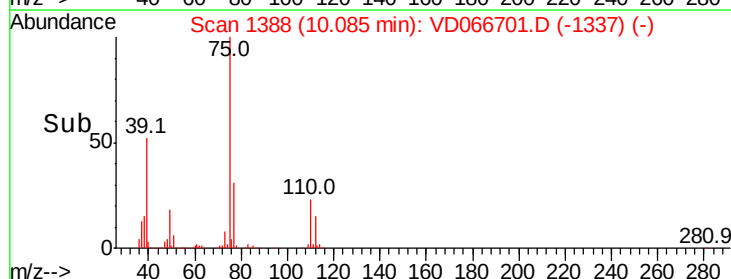
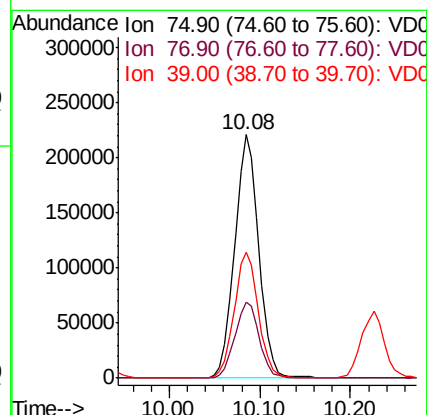
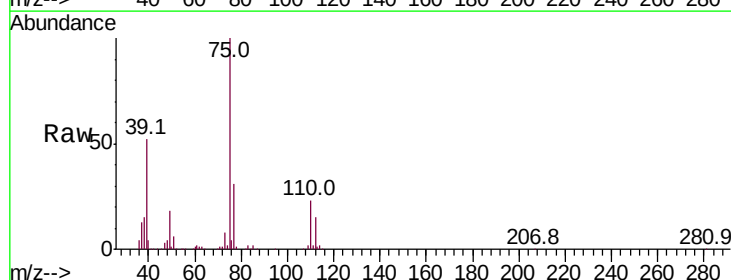
Tgt Ion: 75 Resp: 407785

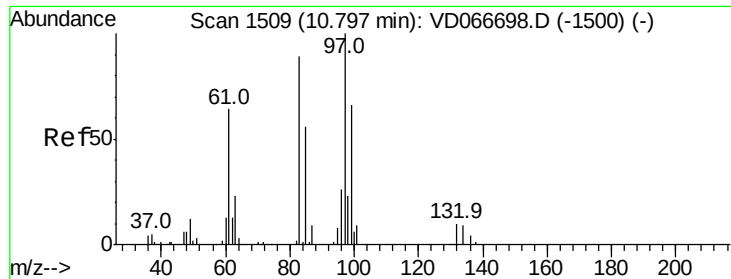
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 51.5 40.6 61.0



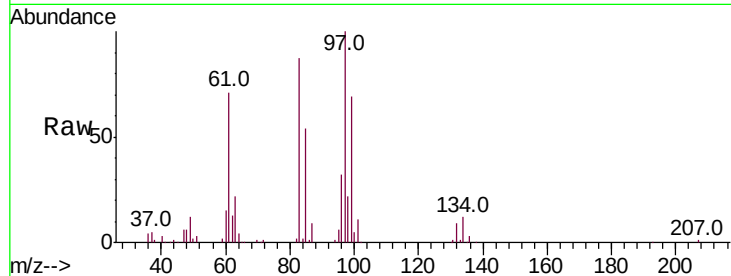


#55
 1,1,2-Trichloroethane
 Concen: 51.229 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

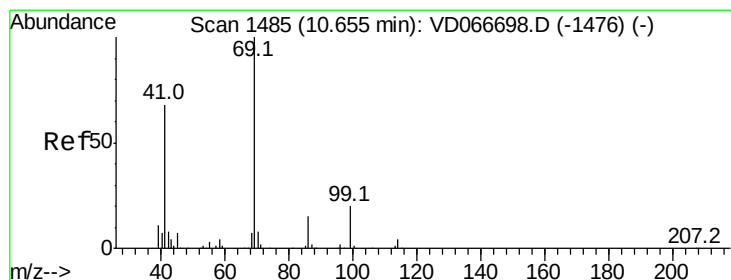
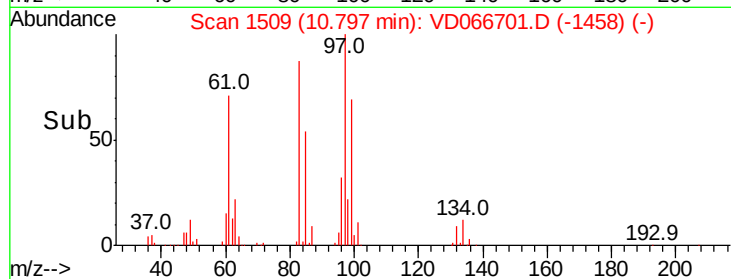
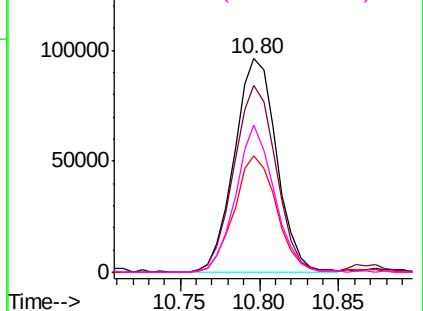
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion: 97 Resp: 177816

Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.4	107.2
85	54.3	44.7	67.1
99	69.2	52.4	78.6



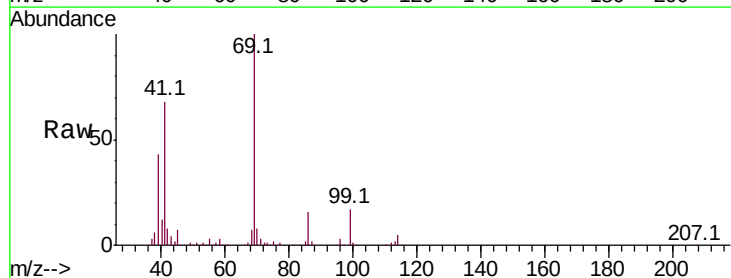
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC



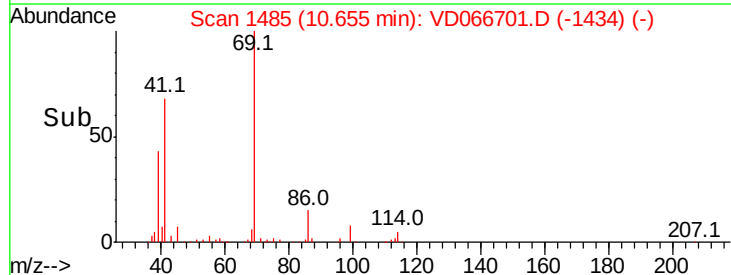
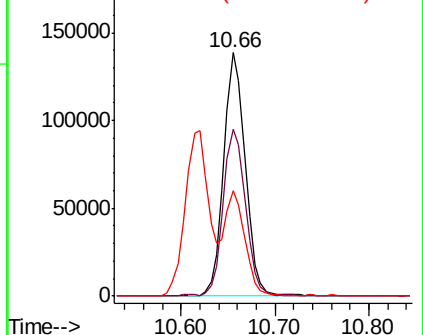
#56
 Ethyl methacrylate
 Concen: 56.556 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

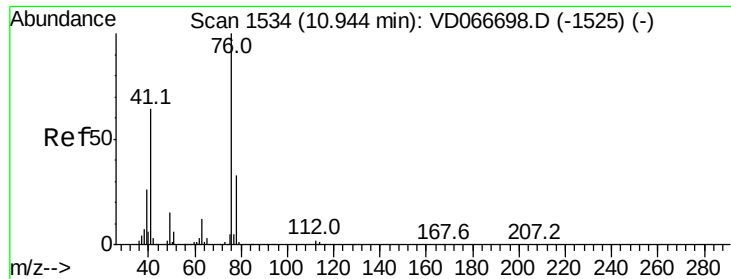
Tgt Ion: 69 Resp: 222771

Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.5	83.3
39	41.1	29.7	44.5



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

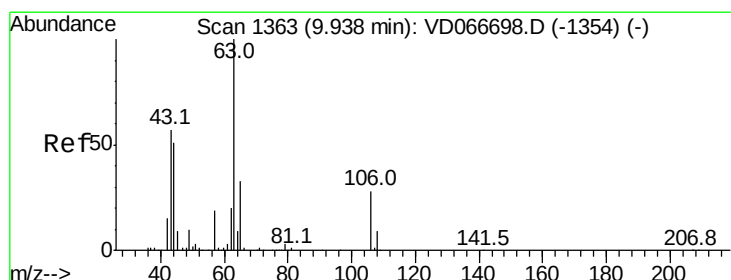
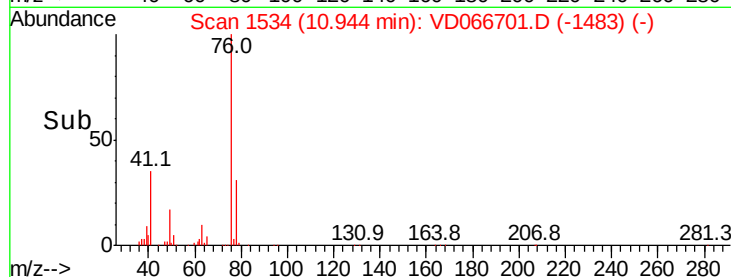
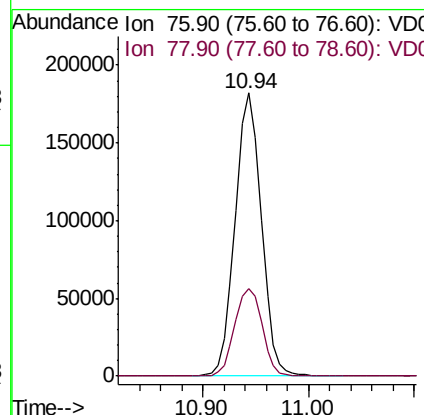
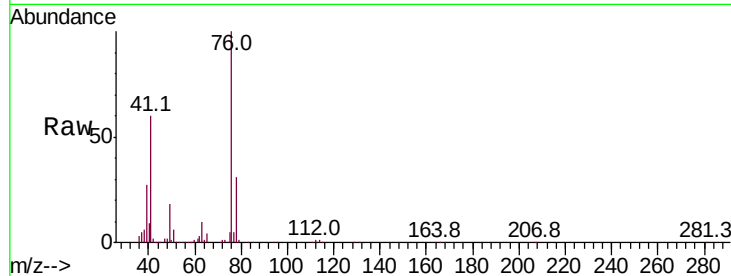




#57
 1,3-Dichloropropane
 Concen: 51.312 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

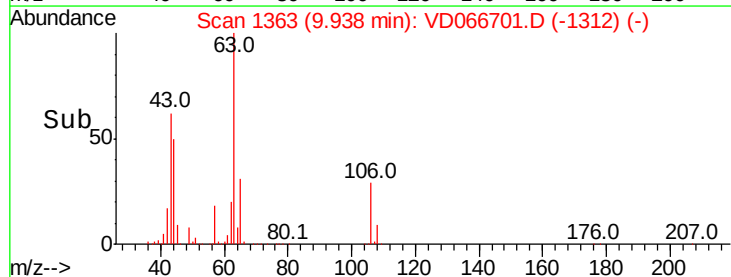
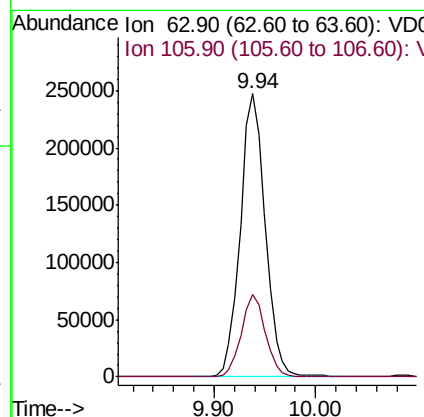
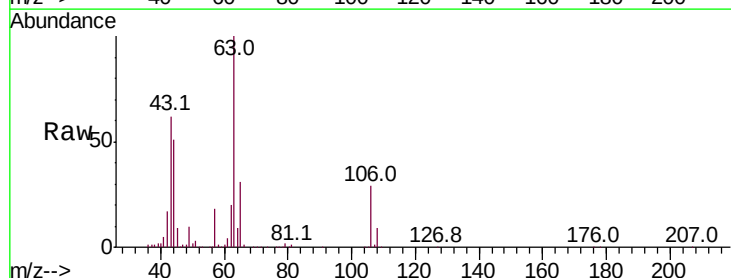
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

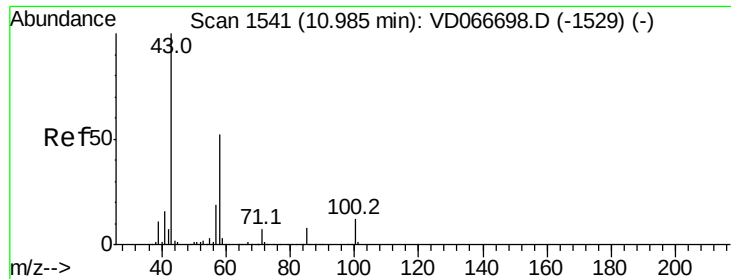
Tot Ion: 76 Resp: 312562
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.019 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion: 63 Resp: 423869
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.2 33.4

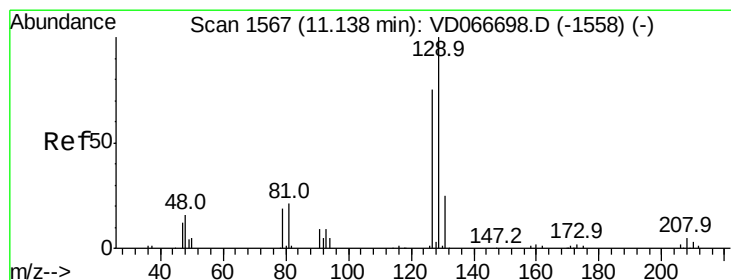
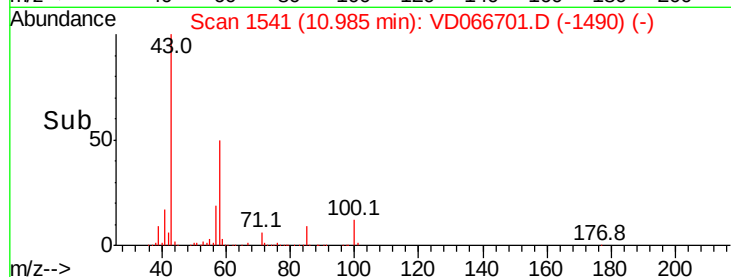
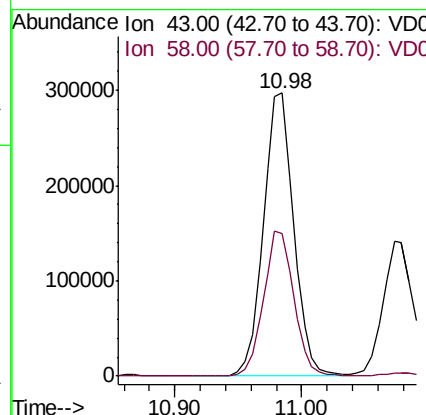
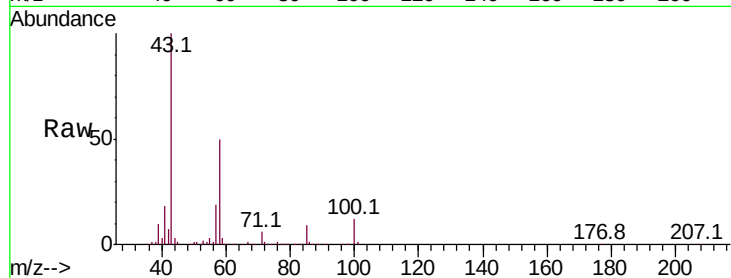




#59
2-Hexanone
Concen: 280.398 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

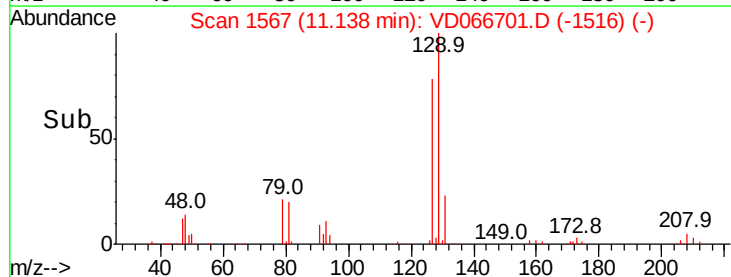
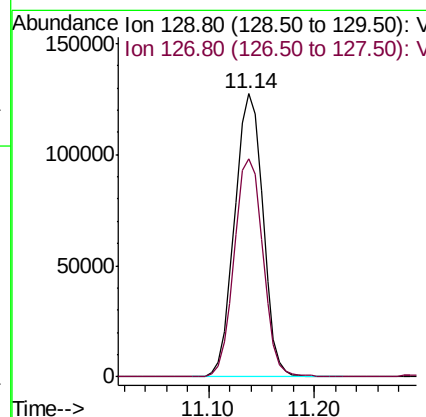
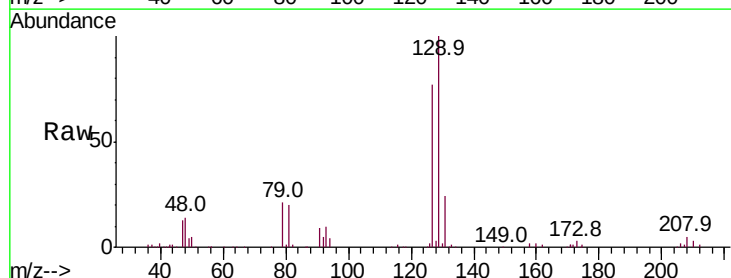
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

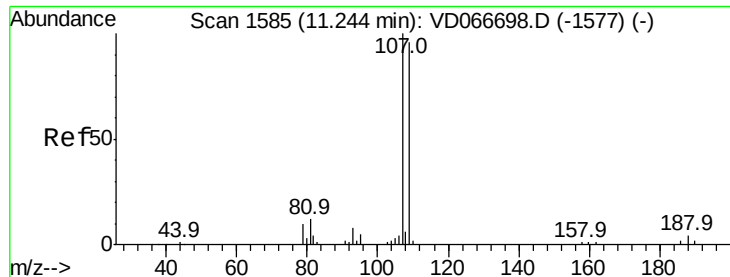
Tot Ion: 43 Resp: 495086
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5



#60
Dibromochloromethane
Concen: 52.255 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 129 Resp: 236333
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.3

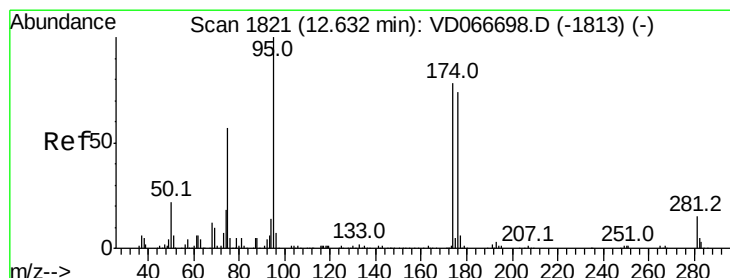
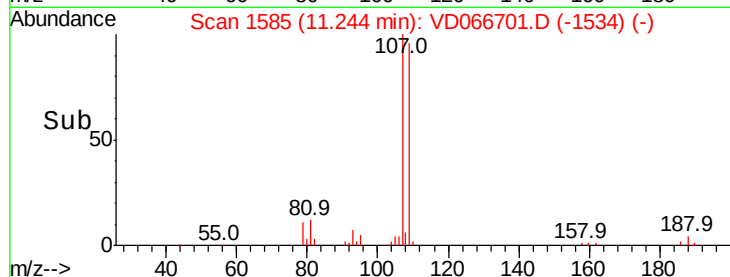
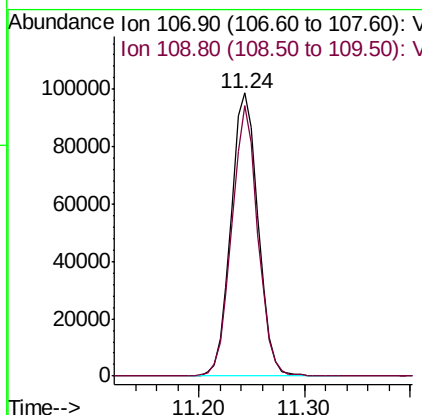
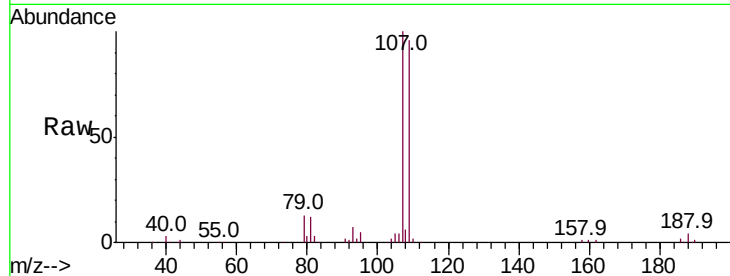




#61
 1,2-Dibromoethane
 Concen: 52.337 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

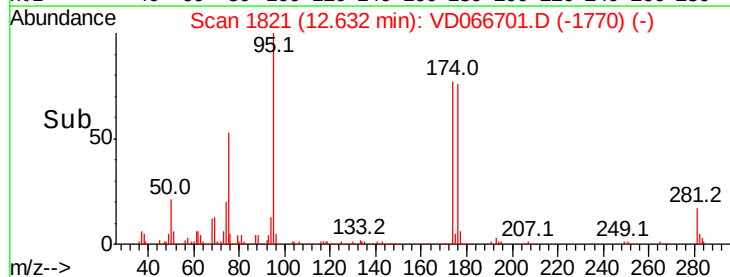
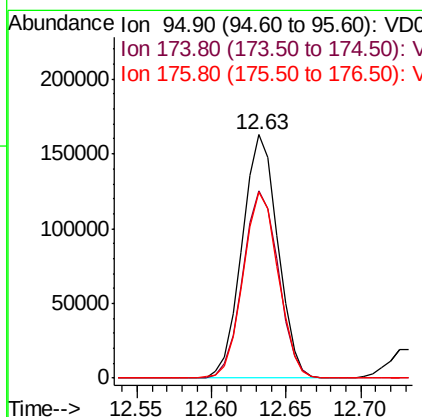
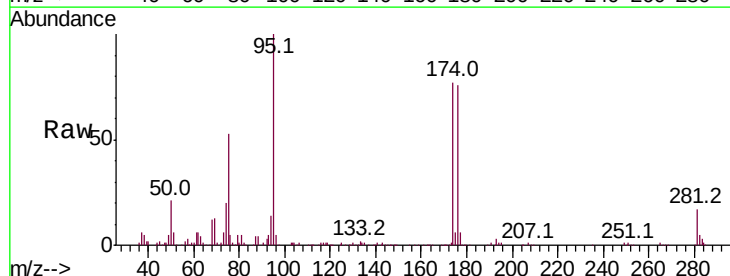
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

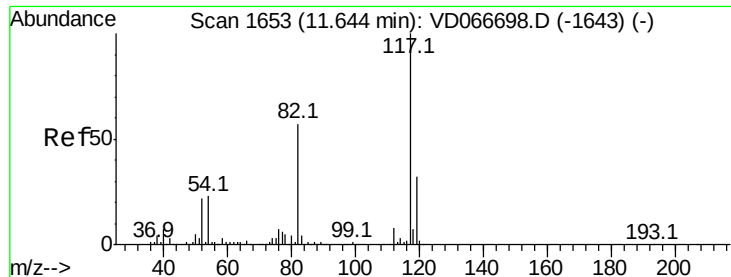
Tot Ion:107 Resp: 174262
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.286 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion: 95 Resp: 269413
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 156.6
 176 75.2 0.0 150.2

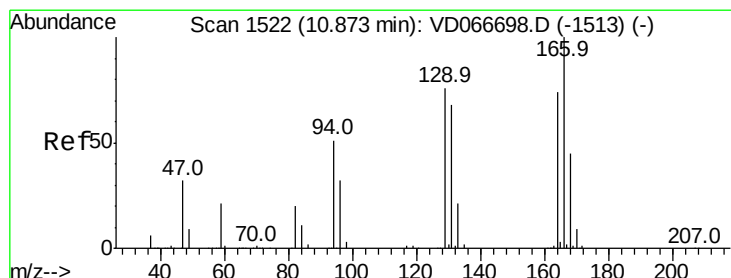
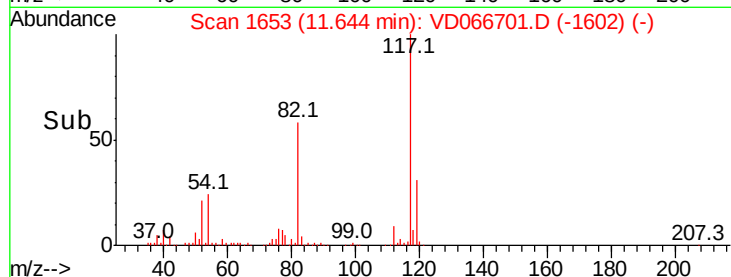
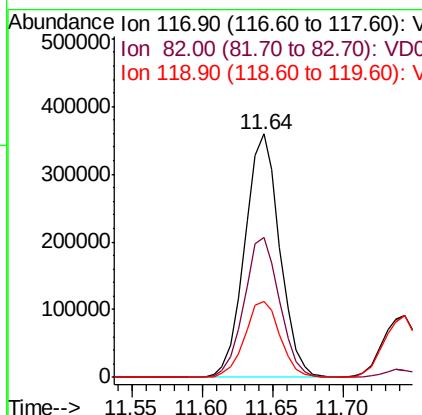
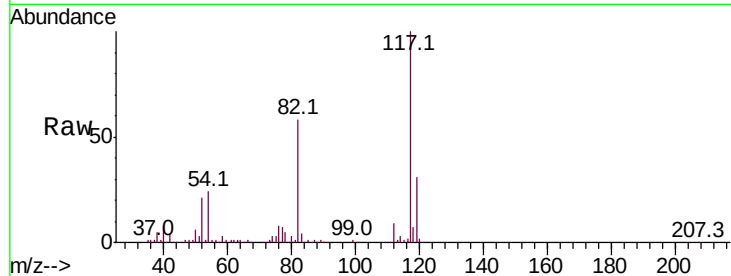




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

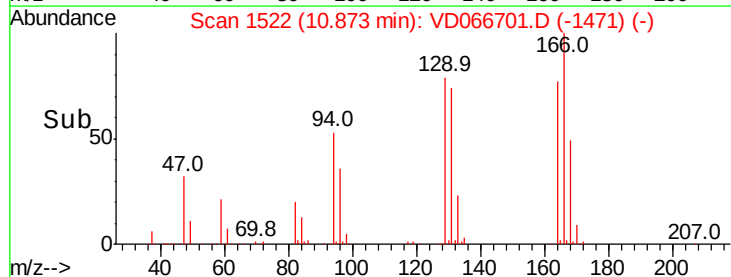
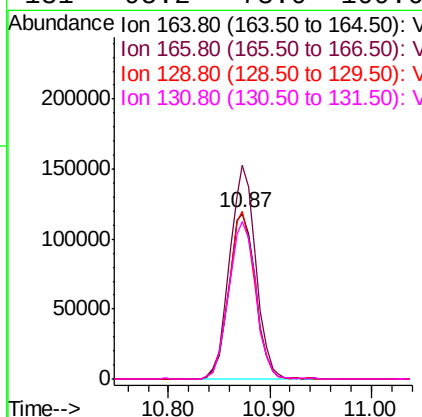
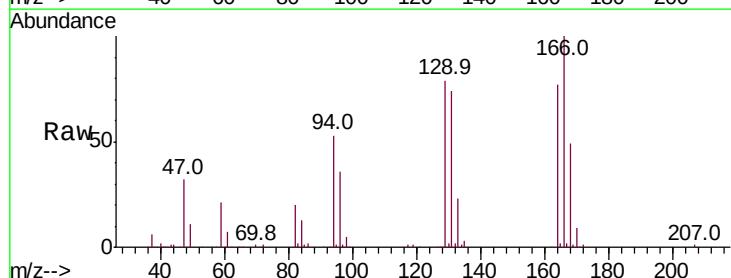
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

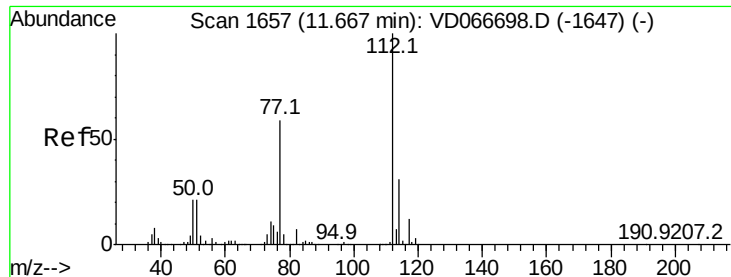
Tot Ion:117 Resp: 624432
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 50.559 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion:164 Resp: 215511
Ion Ratio Lower Upper
164 100
166 129.3 107.5 161.3
129 101.6 81.4 122.0
131 95.2 73.0 109.6

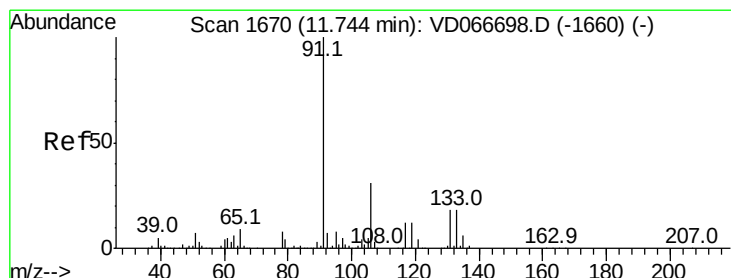
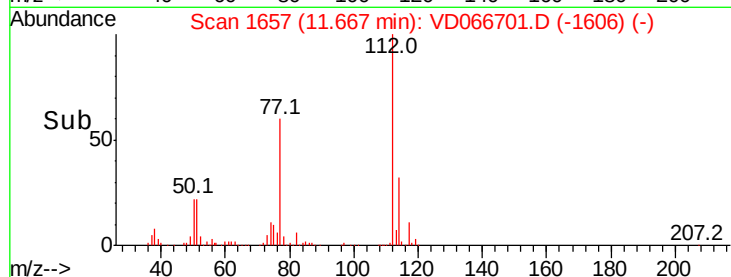
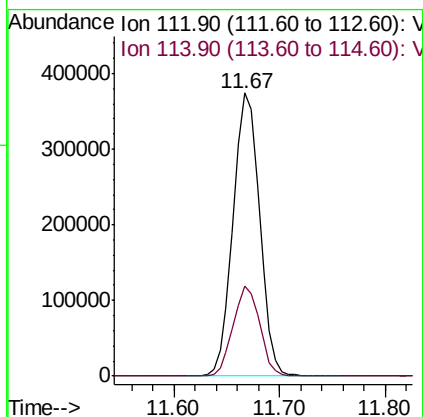
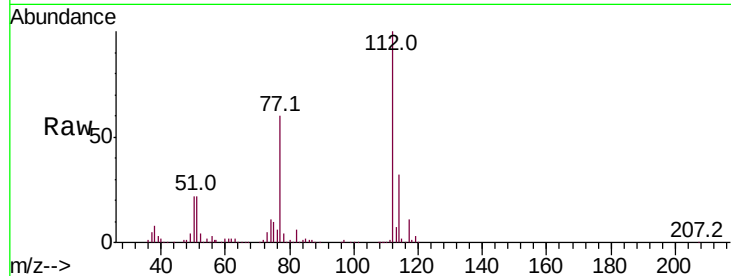




#65
Chlorobenzene
Concen: 50.274 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

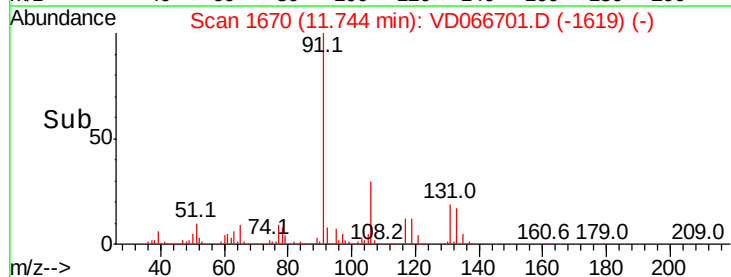
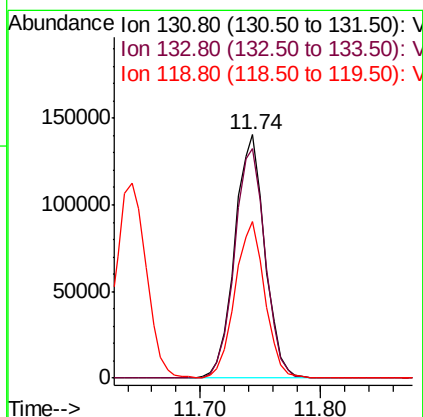
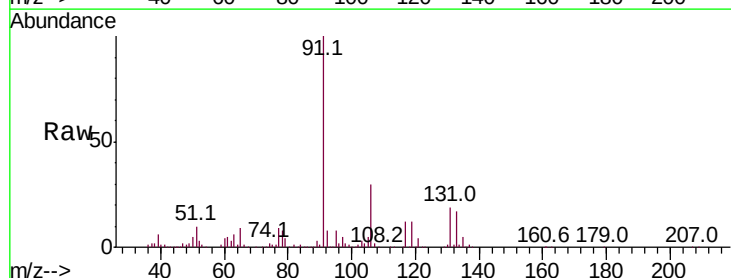
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

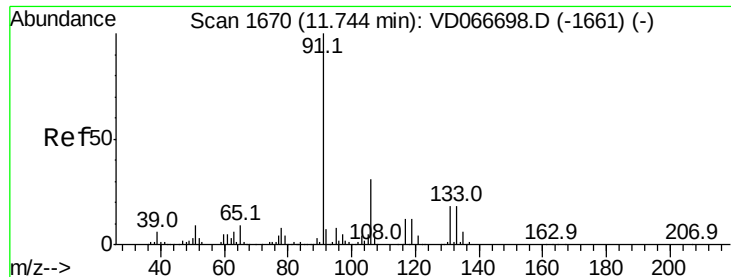
Tot Ion:112 Resp: 649964
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.135 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion:131 Resp: 243917
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 64.0 33.6 100.8





#67

Ethyl Benzene

Concen: 52.273 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleID :

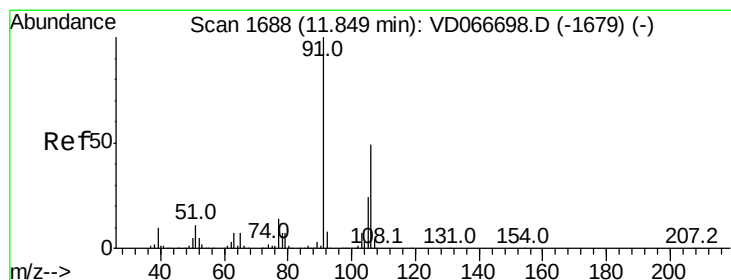
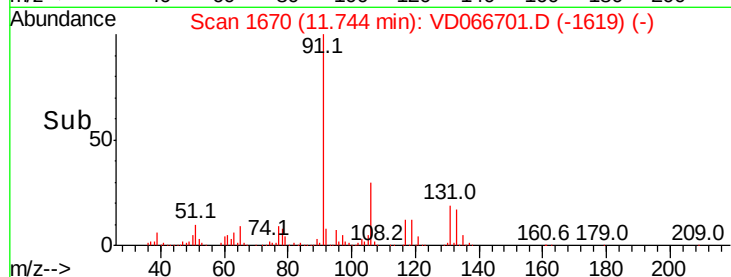
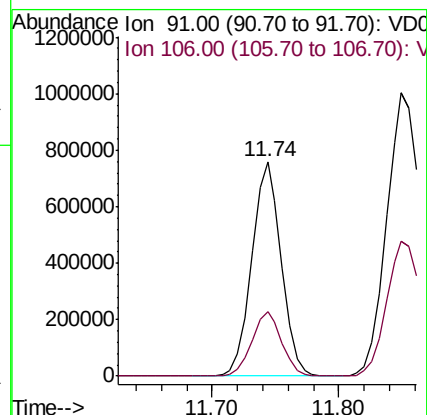
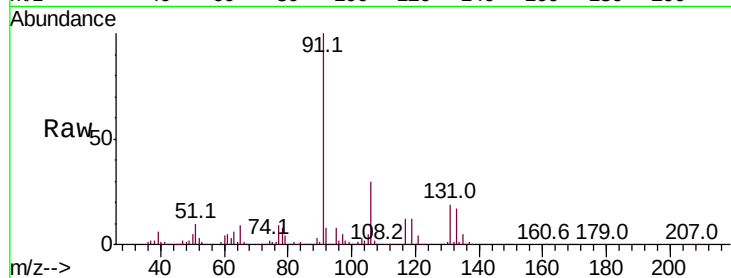
ICVVD091520

Tot Ion: 91 Resp: 1224096

Ion Ratio Lower Upper

91 100

106 29.8 25.1 37.7



#68

m/p-Xylenes

Concen: 103.822 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066701.D

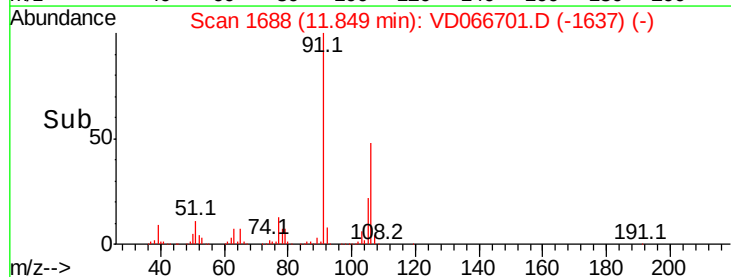
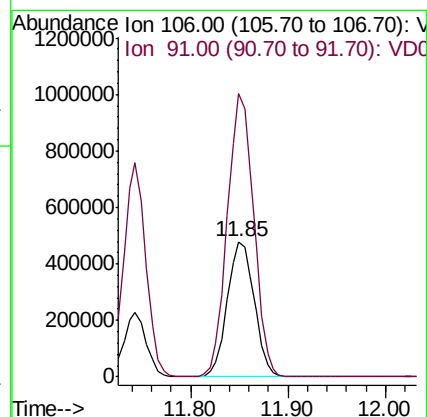
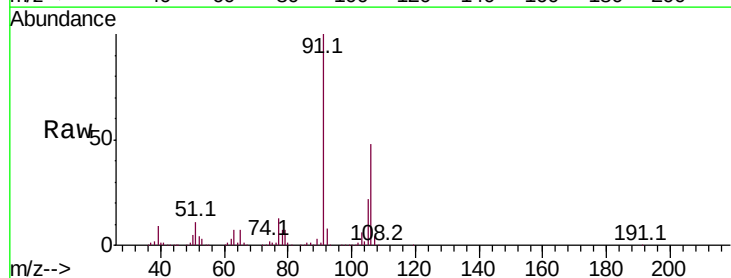
Acq: 15 Sep 2020 17:04

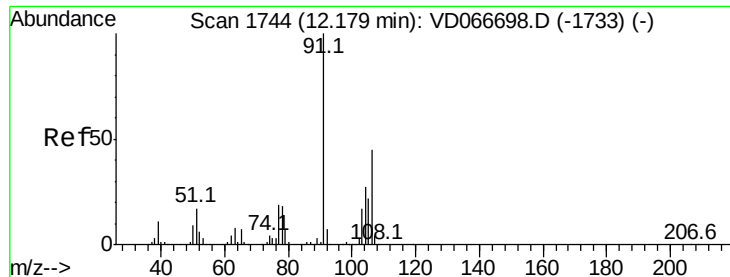
Tgt Ion:106 Resp: 918888

Ion Ratio Lower Upper

106 100

91 205.8 164.8 247.2

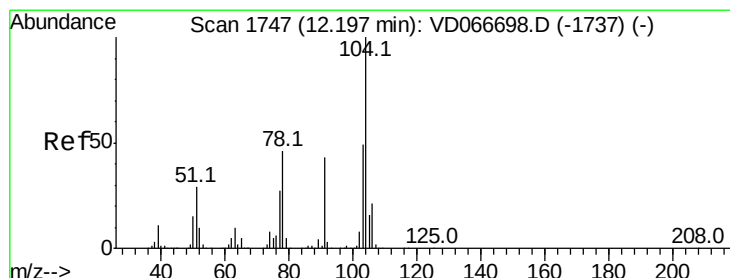
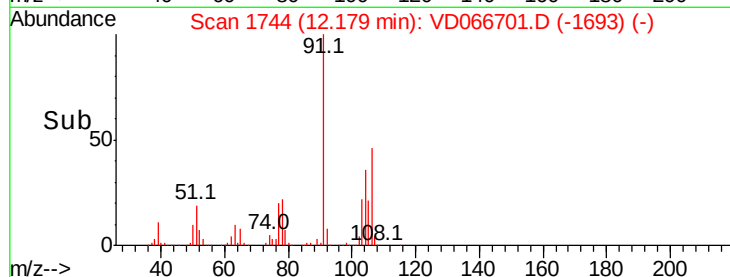
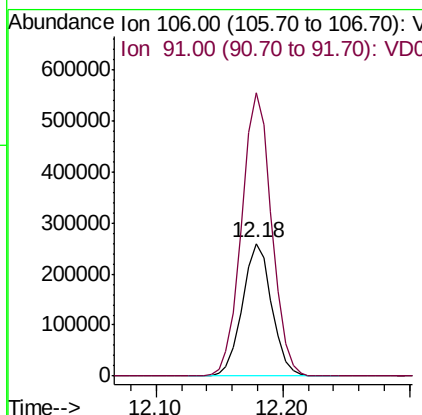
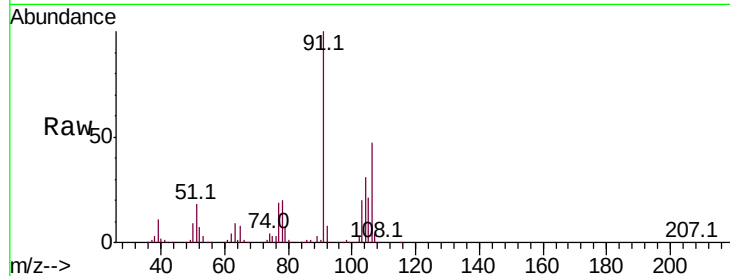




#69
o-Xylene
Concen: 53.243 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

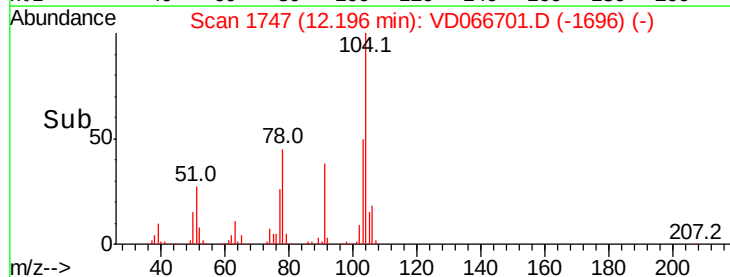
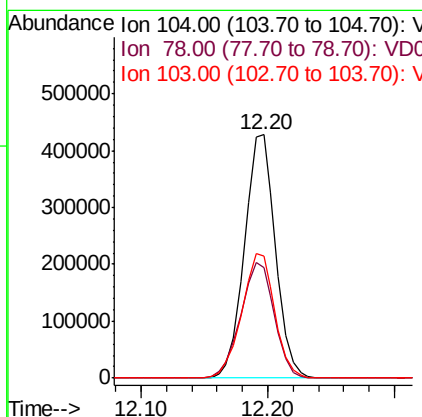
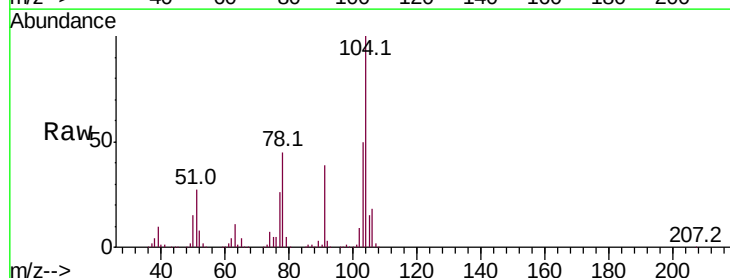
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

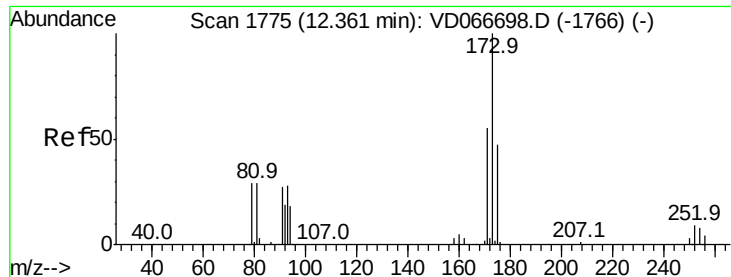
Tot Ion:106 Resp: 416428
Ion Ratio Lower Upper
106 100
91 218.6 109.4 328.2



#70
Styrene
Concen: 52.709 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion:104 Resp: 725577
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 54.2 42.5 63.7





#71

Bromoform

Concen: 53.653 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

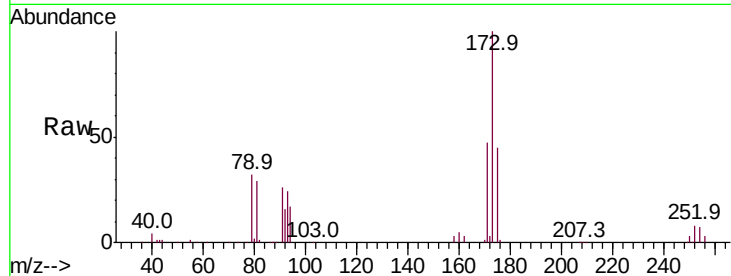
Tot Ion:173 Resp: 128440

Ion Ratio Lower Upper

173 100

175 46.4 24.3 72.8

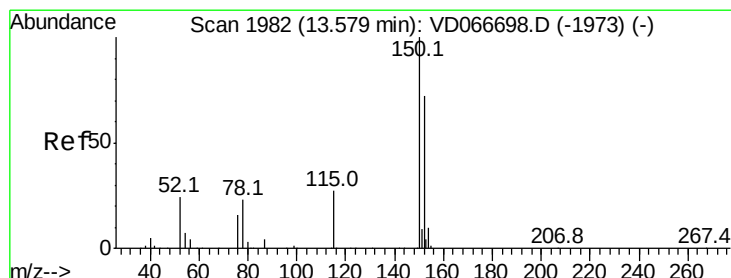
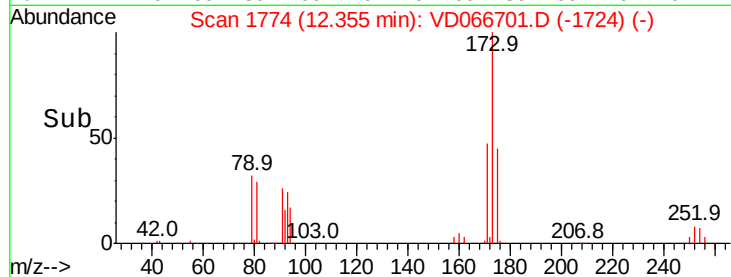
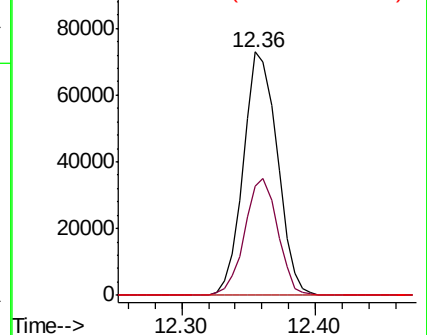
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

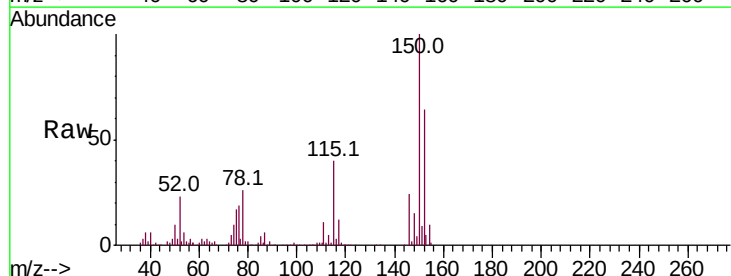
Tgt Ion:152 Resp: 290525

Ion Ratio Lower Upper

152 100

115 62.6 30.5 91.5

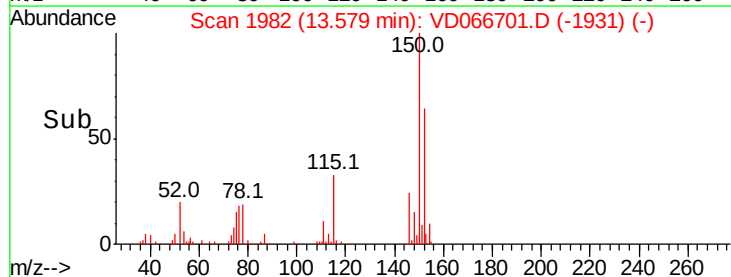
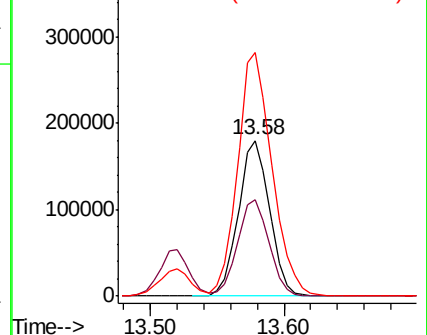
150 173.2 0.0 344.6

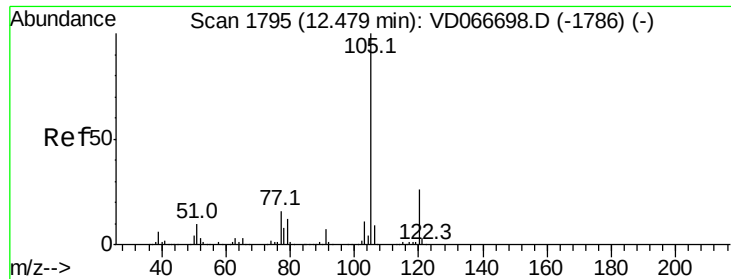


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

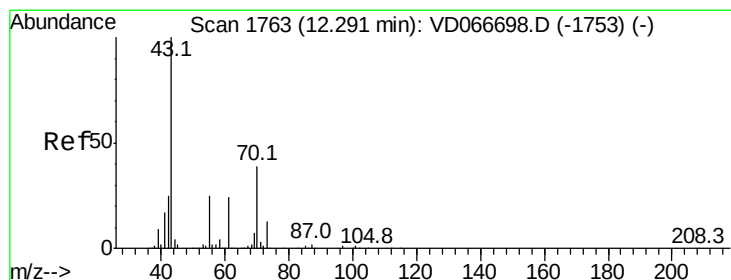
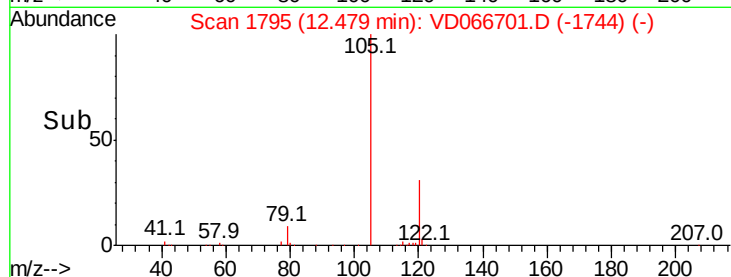
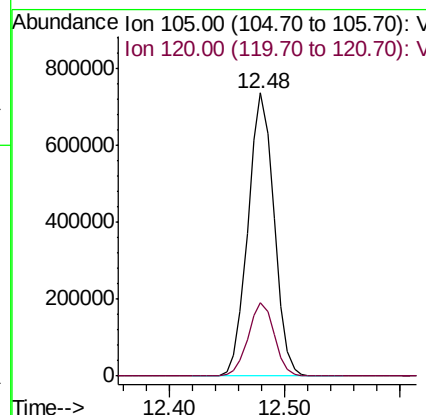
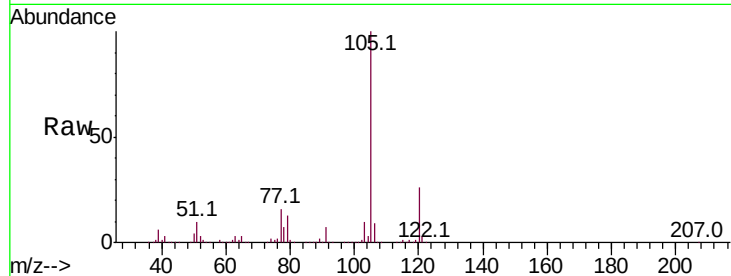




#73
Isopropylbenzene
Concen: 53.119 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

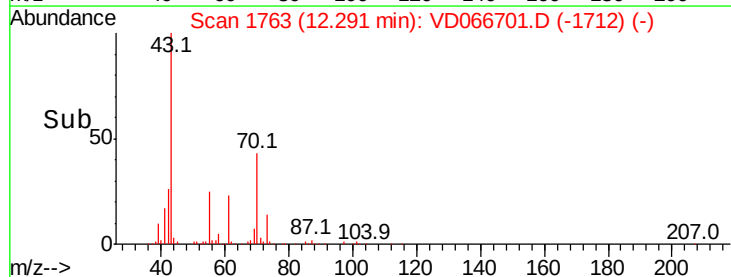
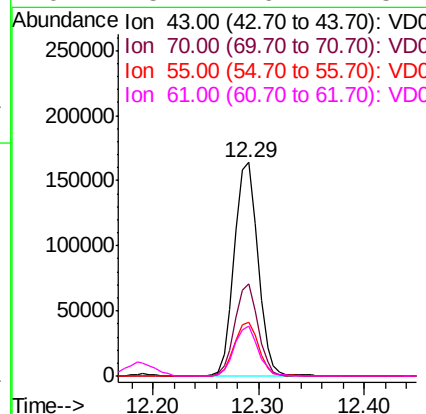
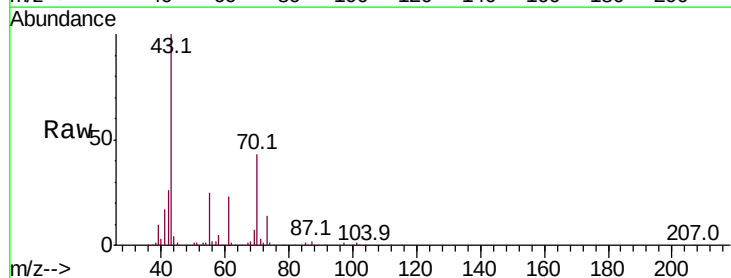
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

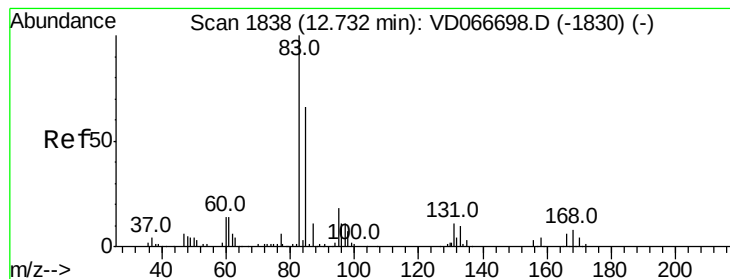
Tot Ion:105 Resp: 1152065
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 55.610 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 43 Resp: 254419
Ion Ratio Lower Upper
43 100
70 41.8 33.0 49.4
55 25.7 20.6 30.8
61 23.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.955 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

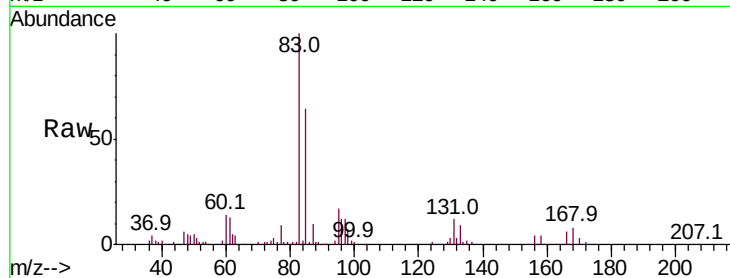
Tot Ion: 83 Resp: 191475

Ion Ratio Lower Upper

83 100

131 10.8 5.8 17.3

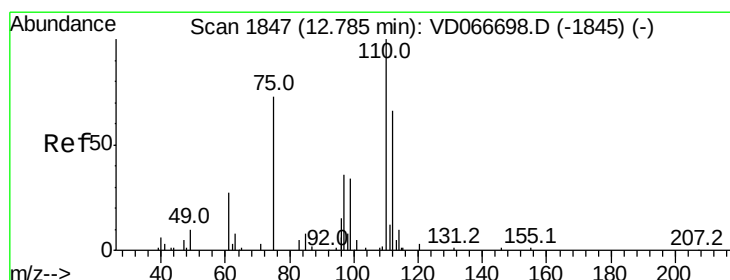
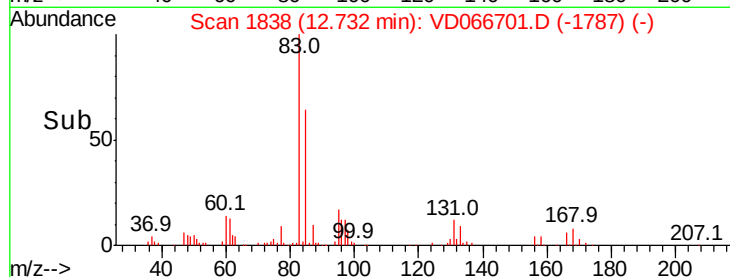
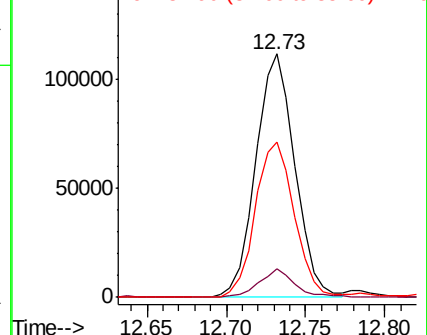
85 63.8 33.3 99.8



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: 103.429 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066701.D

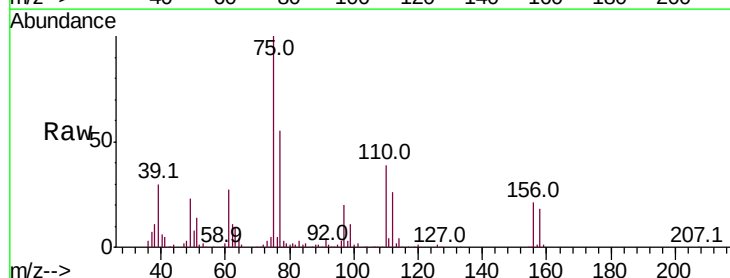
Acq: 15 Sep 2020 17:04

Tgt Ion: 75 Resp: 257205

Ion Ratio Lower Upper

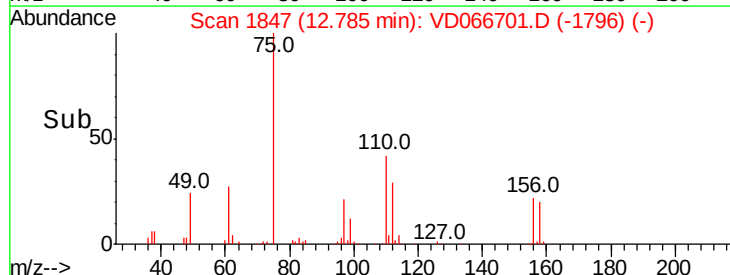
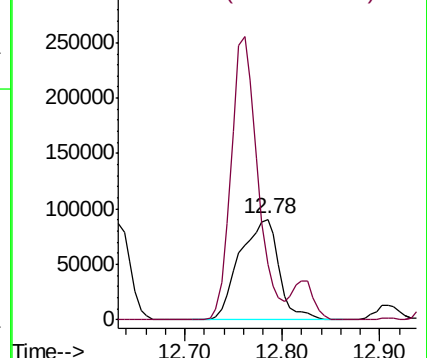
75 100

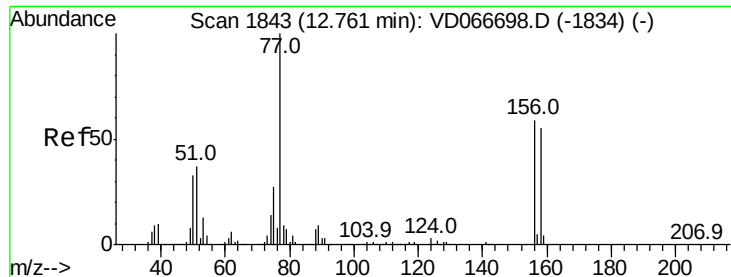
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.560 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

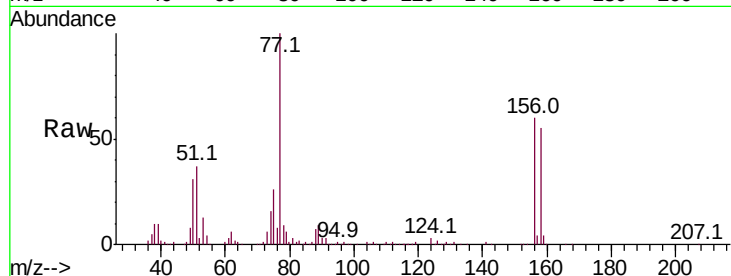
Tot Ion:156 Resp: 252739

Ion Ratio Lower Upper

156 100

77 191.9 95.8 287.3

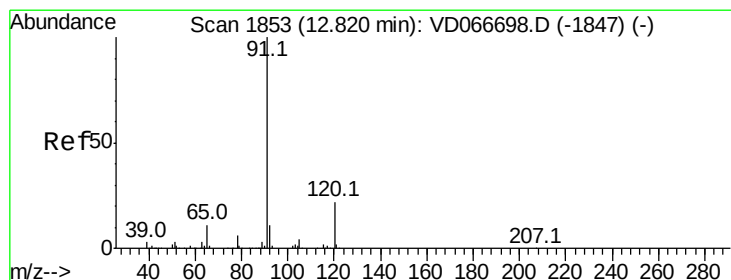
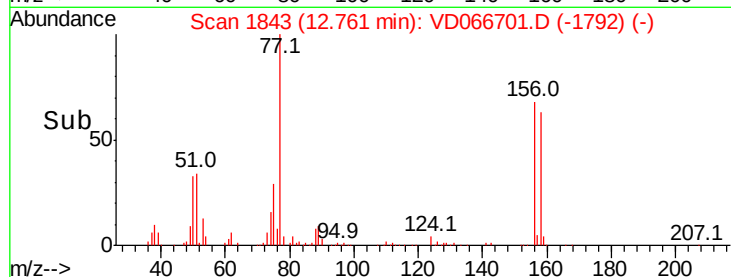
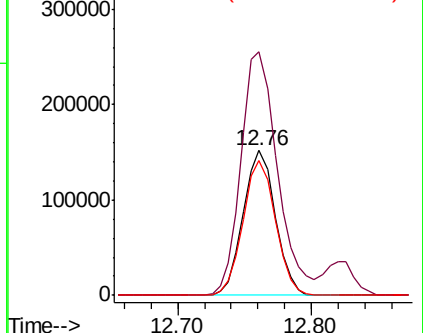
158 93.7 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.049 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066701.D

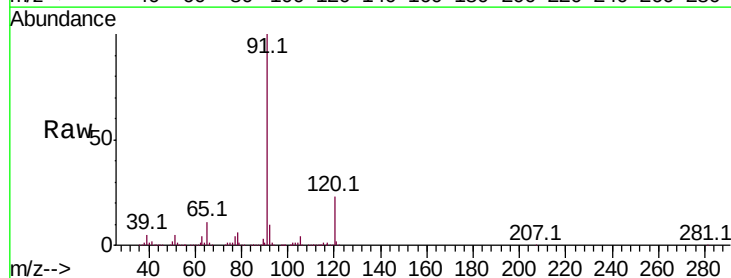
Acq: 15 Sep 2020 17:04

Tgt Ion: 91 Resp: 1402537

Ion Ratio Lower Upper

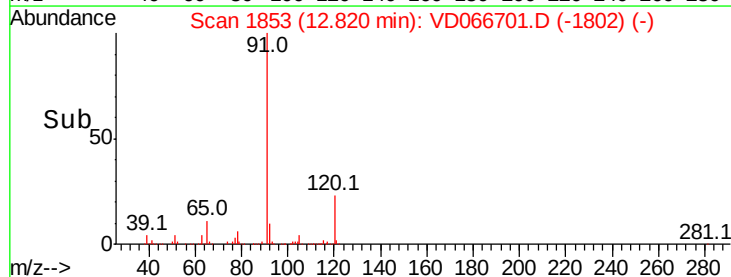
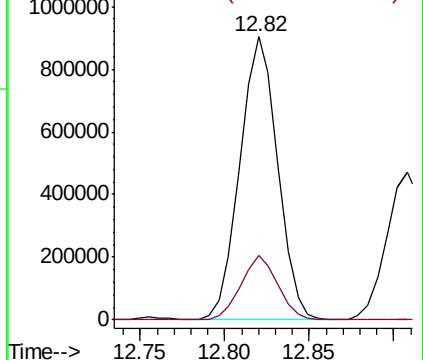
91 100

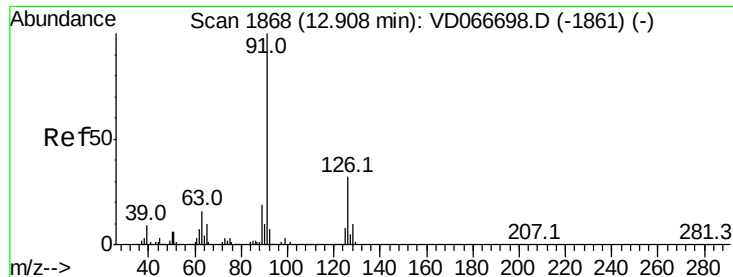
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.712 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

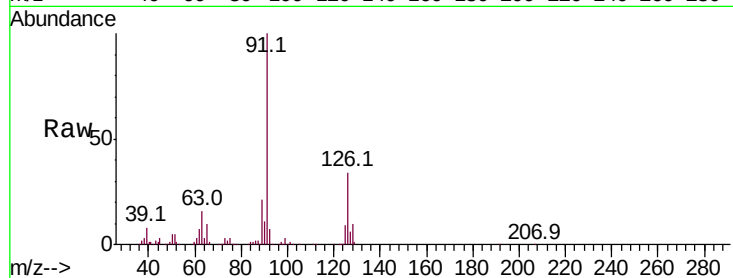
ICVVD091520

Tot Ion: 91 Resp: 773066

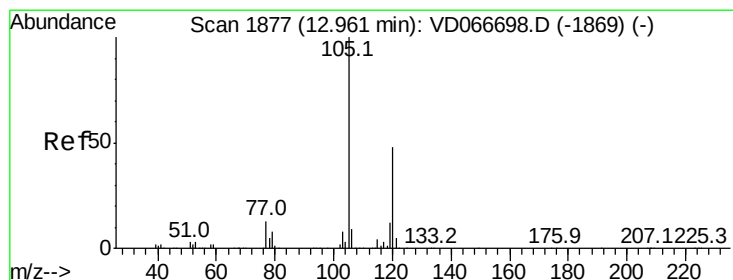
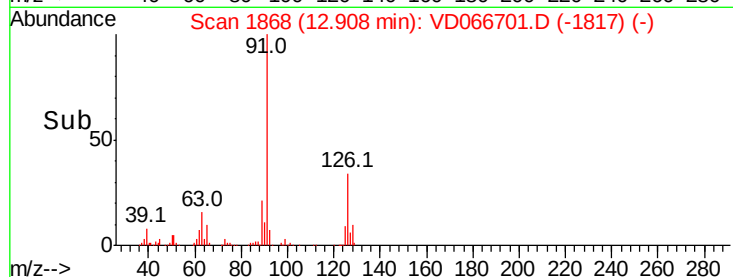
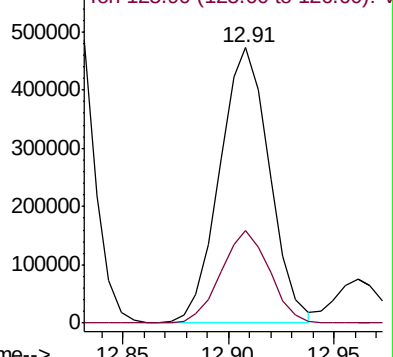
Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066698.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.643 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066701.D

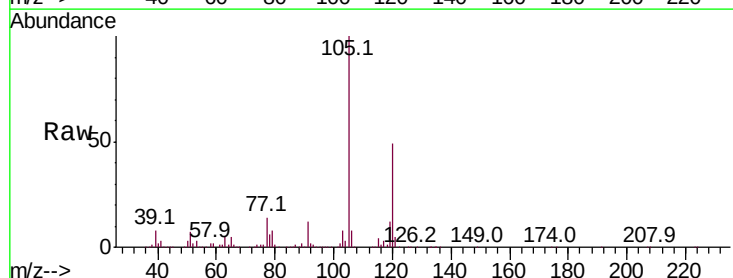
Acq: 15 Sep 2020 17:04

Tgt Ion:105 Resp: 965365

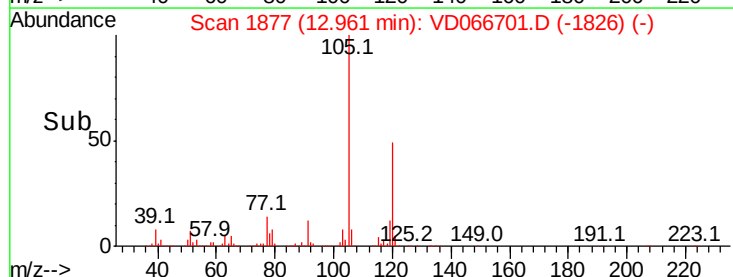
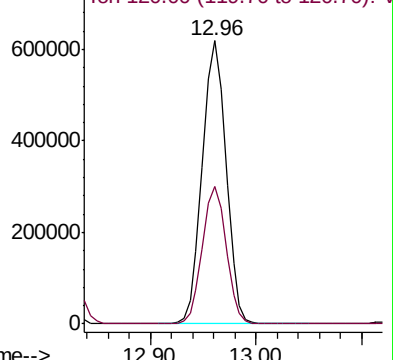
Ion Ratio Lower Upper

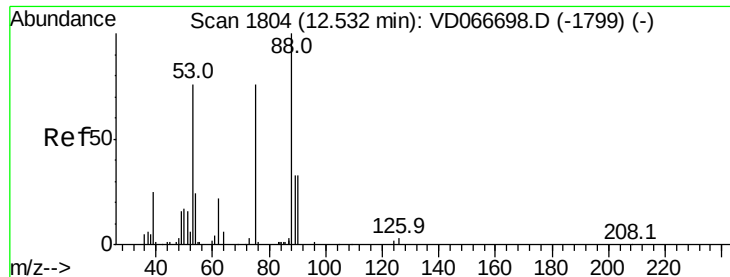
105 100

120 48.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066698.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.941 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

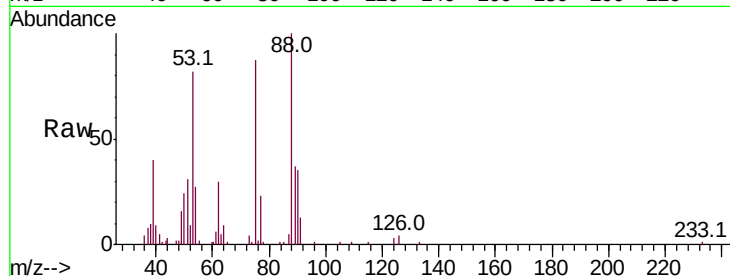
Tot Ion: 75 Resp: 63306

Ion Ratio Lower Upper

75 100

53 102.7 82.2 123.4

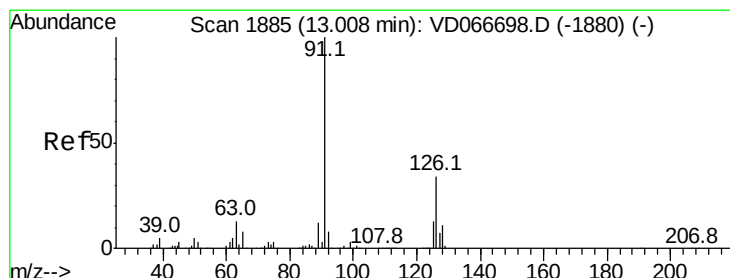
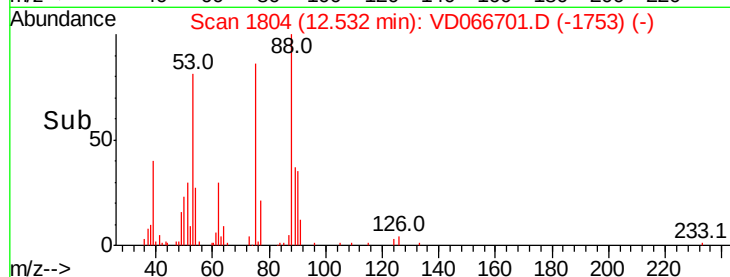
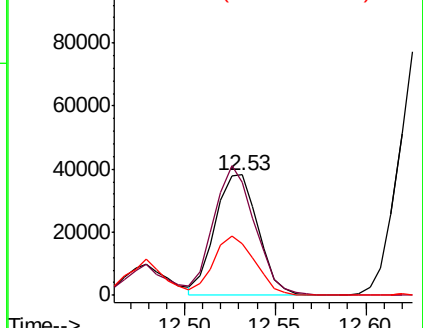
89 47.6 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.958 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066701.D

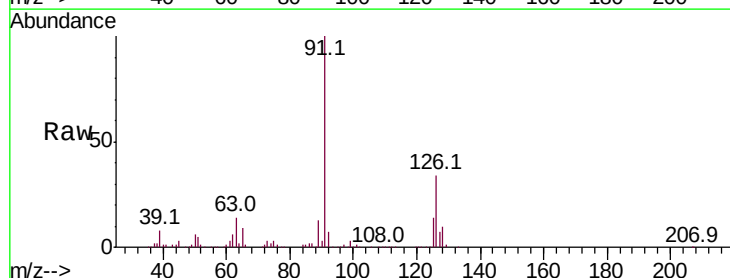
Acq: 15 Sep 2020 17:04

Tgt Ion: 91 Resp: 821319

Ion Ratio Lower Upper

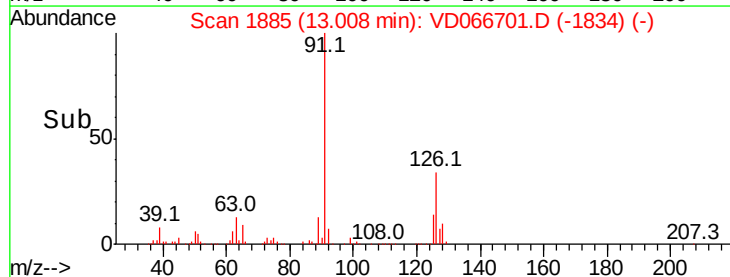
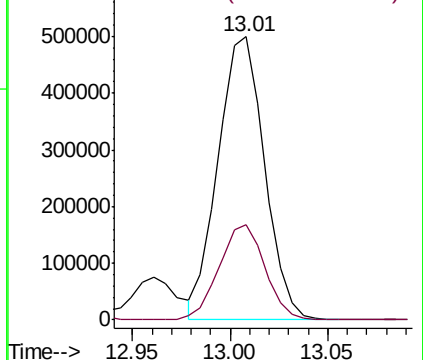
91 100

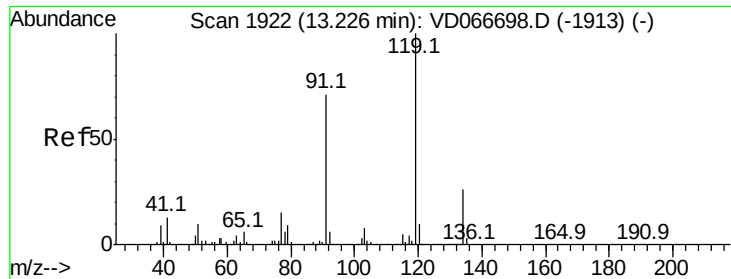
126 33.3 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

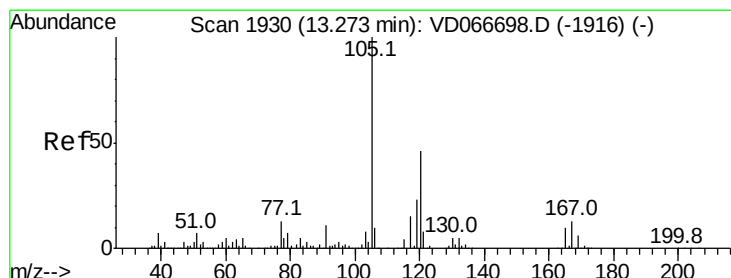
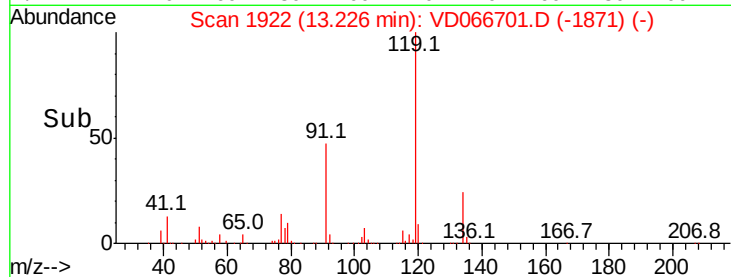
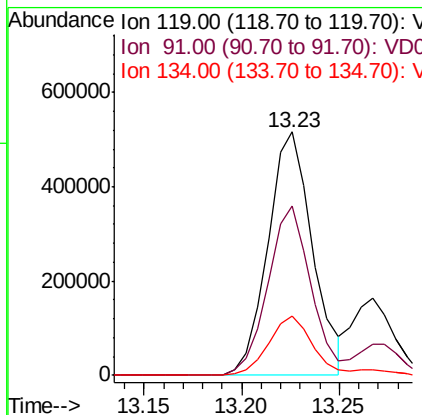
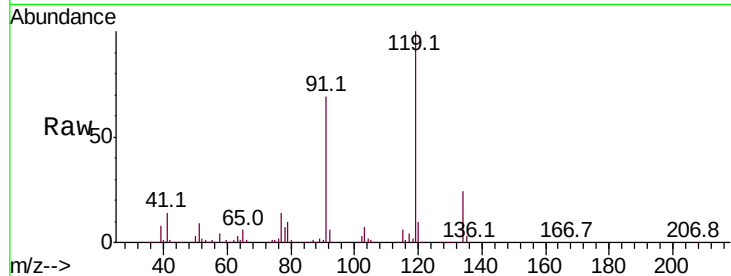




#83
 tert-Butylbenzene
 Concen: 54.070 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

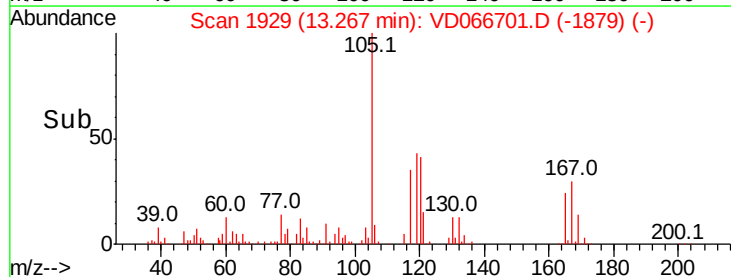
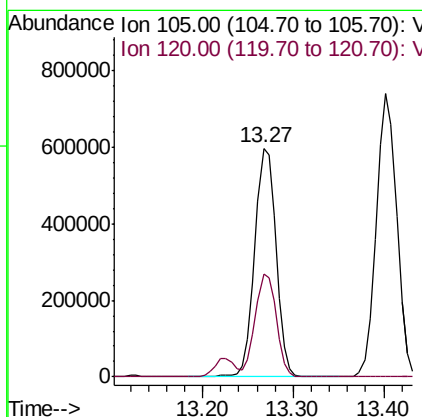
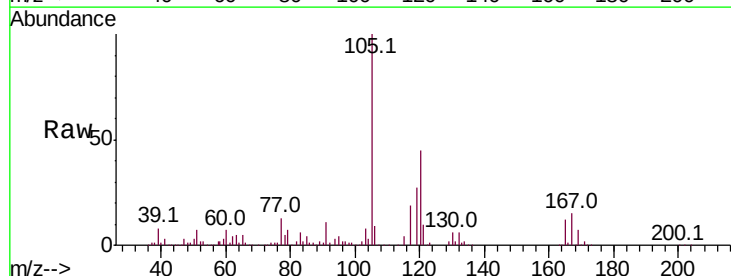
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

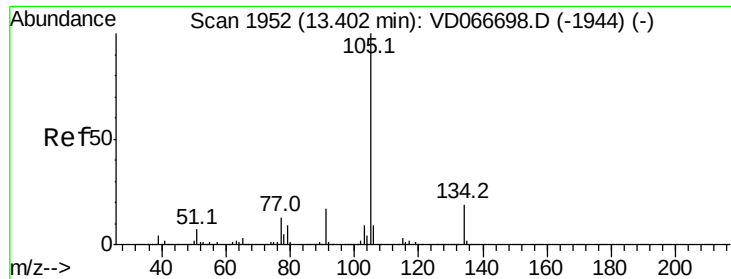
Tot Ion:119 Resp: 817229
 Ion Ratio Lower Upper
 119 100
 91 66.8 35.0 105.1
 134 25.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.376 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion:105 Resp: 978197
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 53.333 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

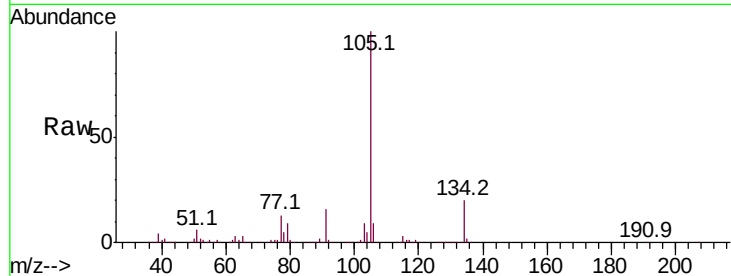
ICVVD091520

Tot Ion:105 Resp: 1155640

Ion Ratio Lower Upper

105 100

134 19.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

800000

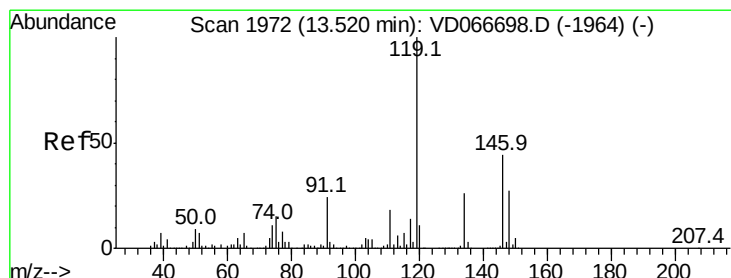
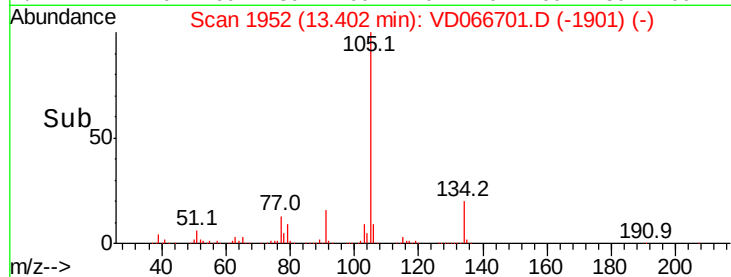
600000

400000

200000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 54.340 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

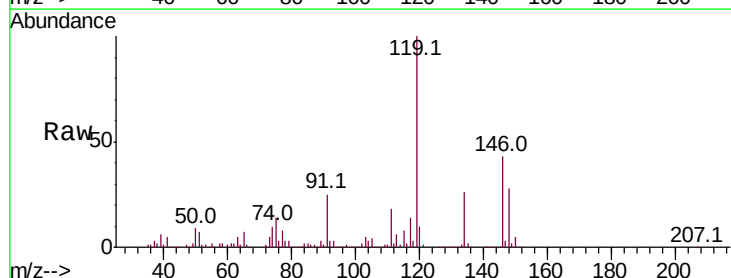
Tgt Ion:119 Resp: 1070465

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 25.0 12.3 36.9



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

13.52

800000

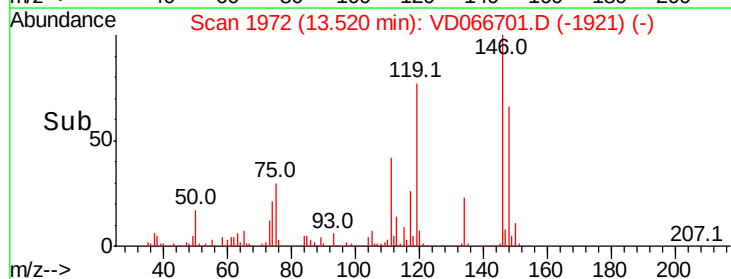
600000

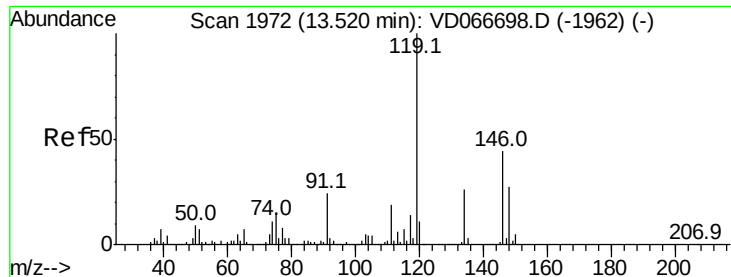
400000

200000

0

Time--> 13.45 13.50 13.55 13.60





#87

1,3-Dichlorobenzene

Concen: 51.723 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

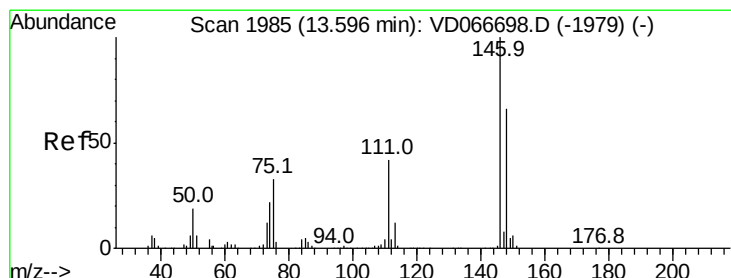
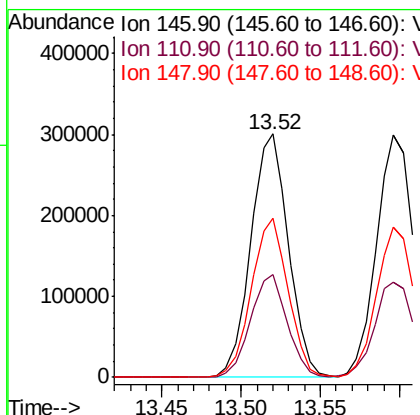
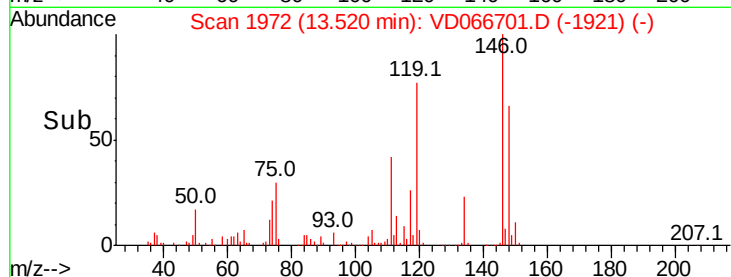
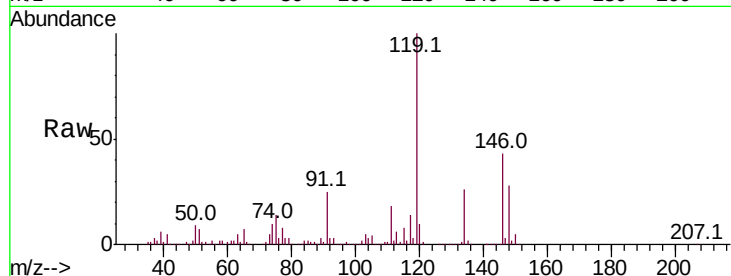
Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion:146 Resp: 496043

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.3
148	63.9	31.4	94.2



#88

1,4-Dichlorobenzene

Concen: 51.513 ug/l

RT: 13.60 min Scan# 1985

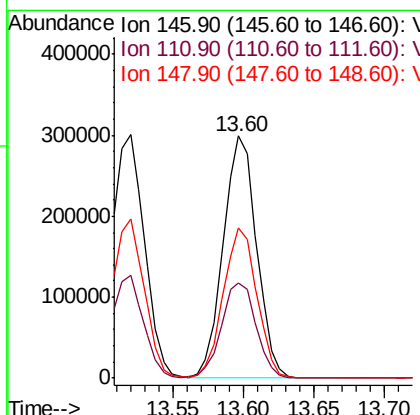
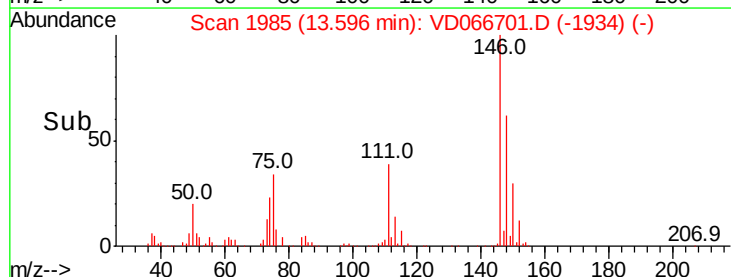
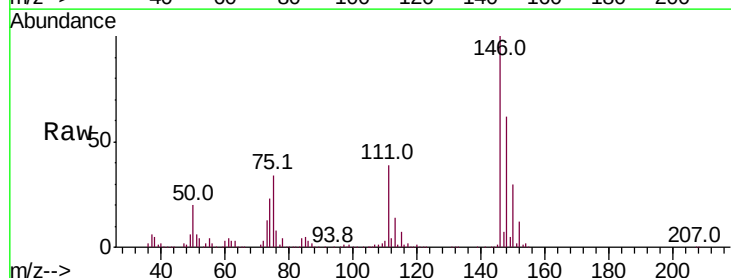
Delta R.T. -0.00 min

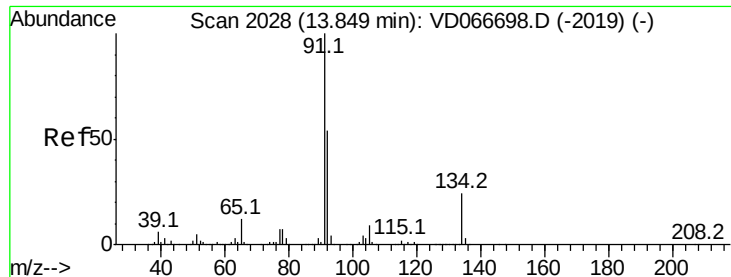
Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:146 Resp: 491948

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	62.3	32.7	98.1

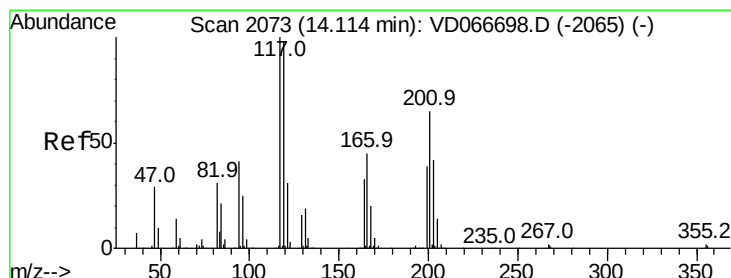
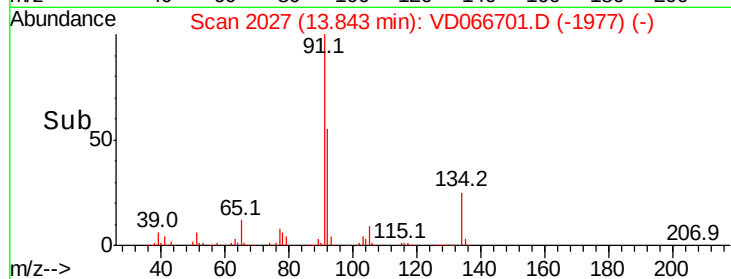
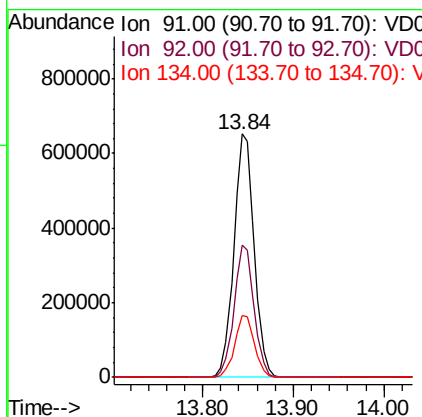
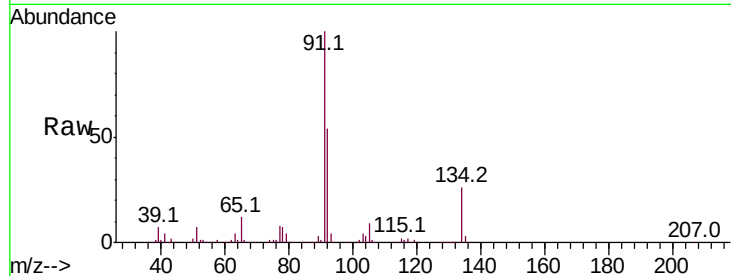




#89
n-Butylbenzene
Concen: 54.255 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

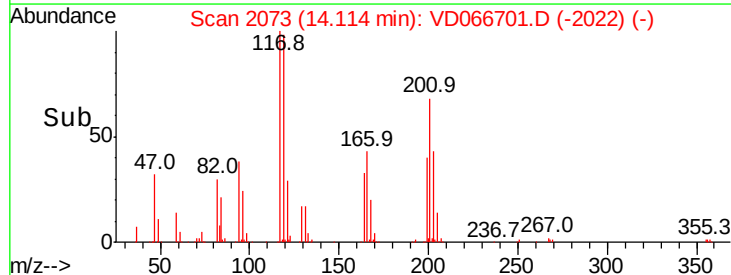
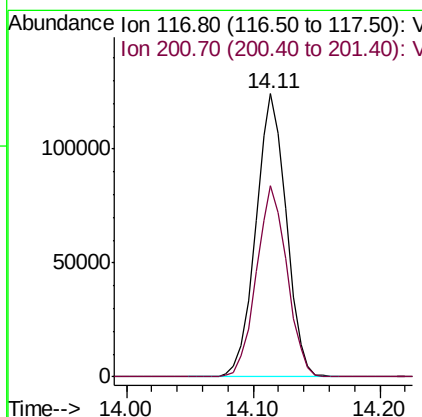
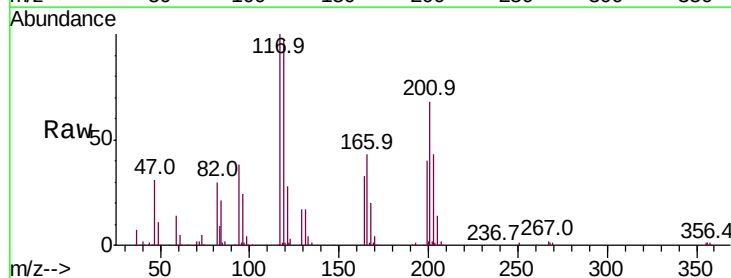
Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

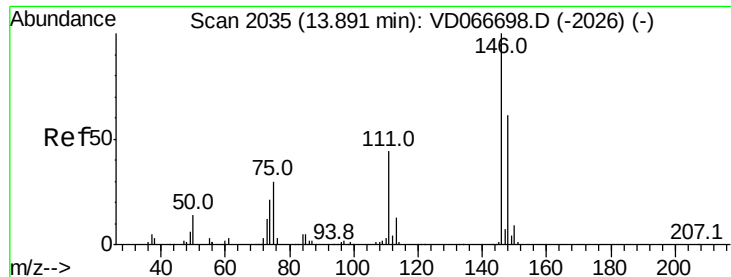
Tot Ion: 91 Resp: 1016290
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 25.1 12.4 37.0



#90
Hexachloroethane
Concen: 51.348 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 117 Resp: 207796
Ion Ratio Lower Upper
117 100
201 67.8 33.1 99.3

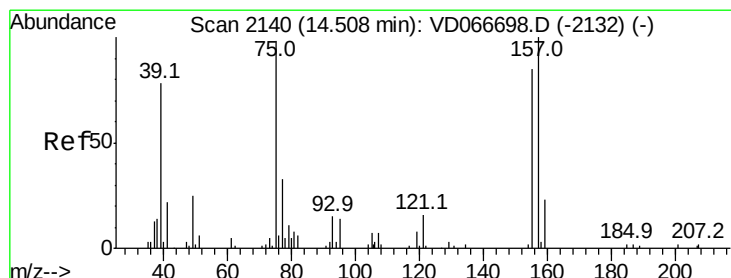
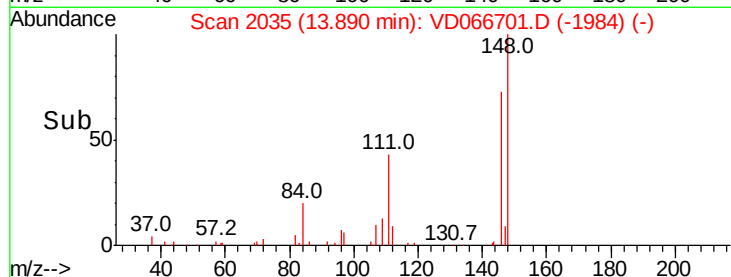
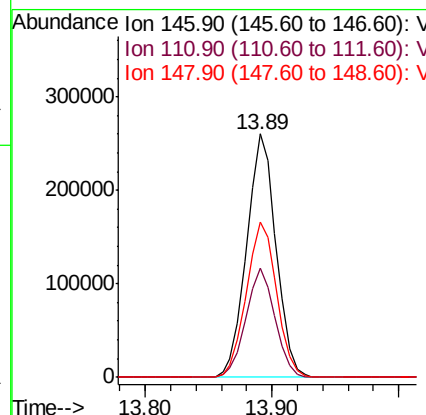
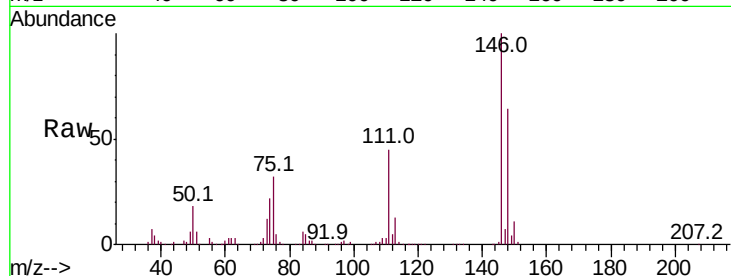




#91
 1,2-Dichlorobenzene
 Concen: 51.005 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

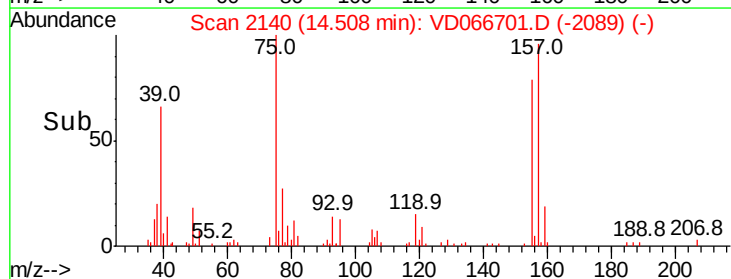
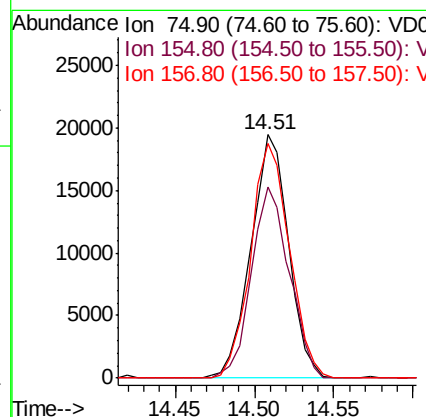
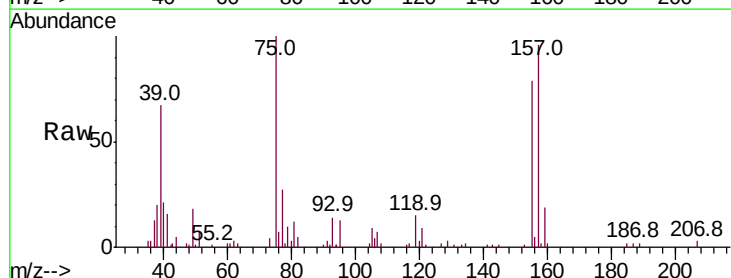
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

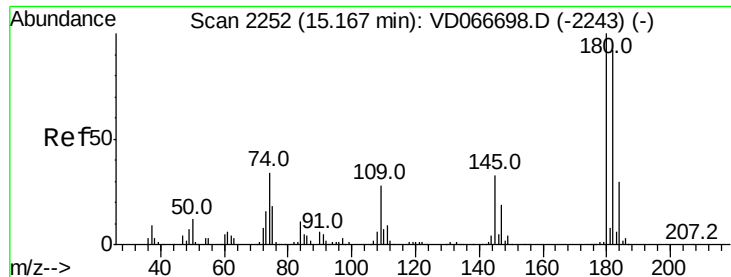
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	64.6
148	65.5	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.821 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	38.9	116.7
157	99.2	46.4	139.2

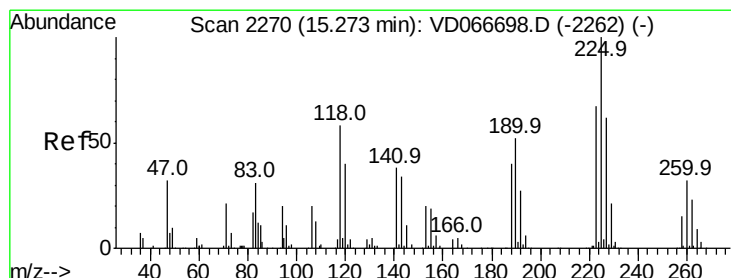
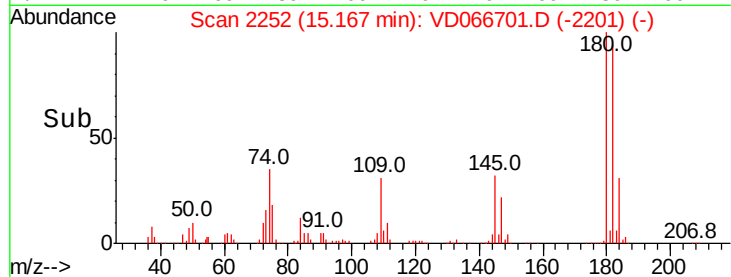
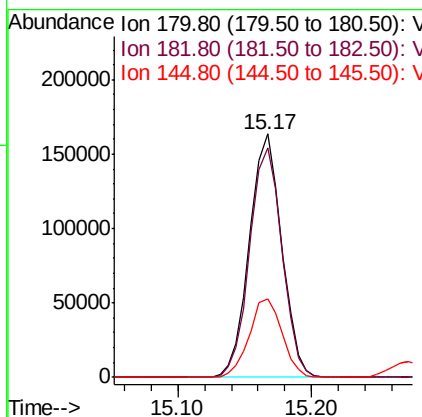
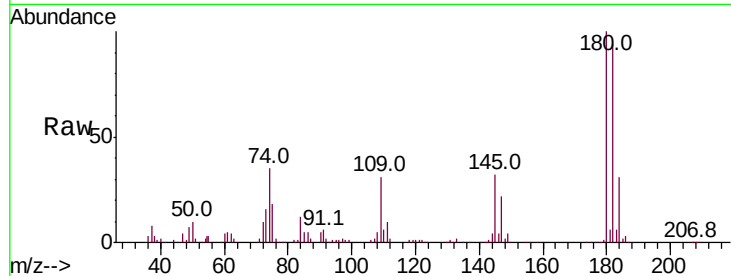




#93
 1,2,4-Trichlorobenzene
 Concen: 54.803 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

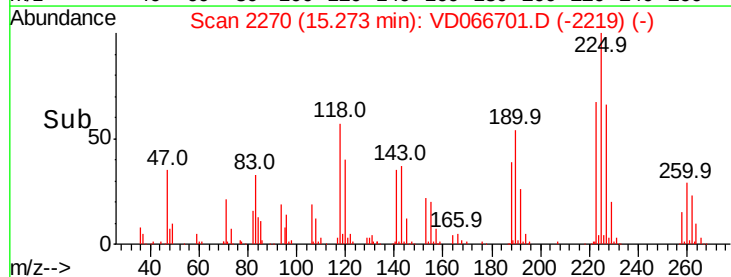
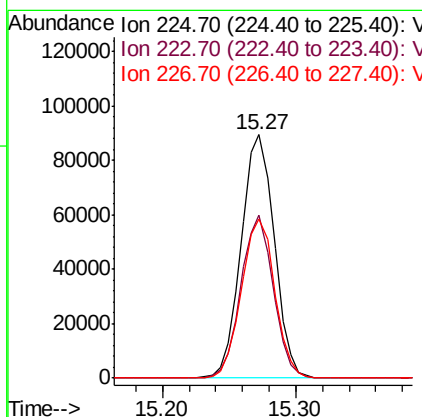
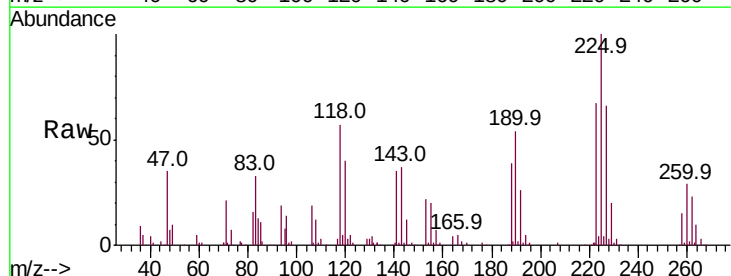
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

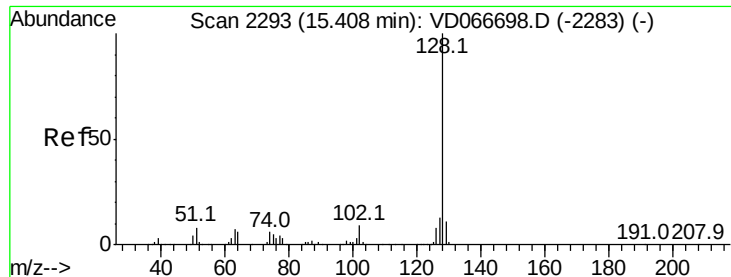
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.6	139.7
145	33.0	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 51.041 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.9	95.9
227	65.8	31.3	93.9

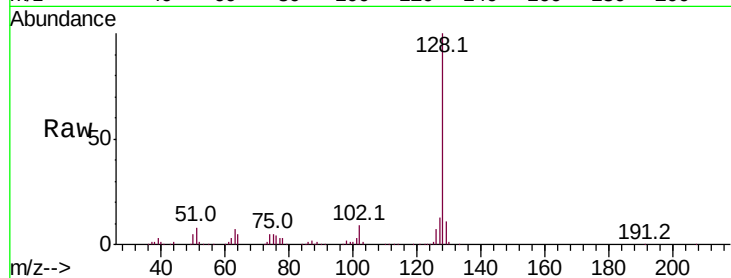




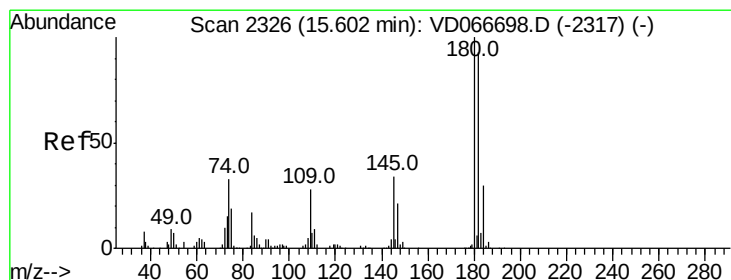
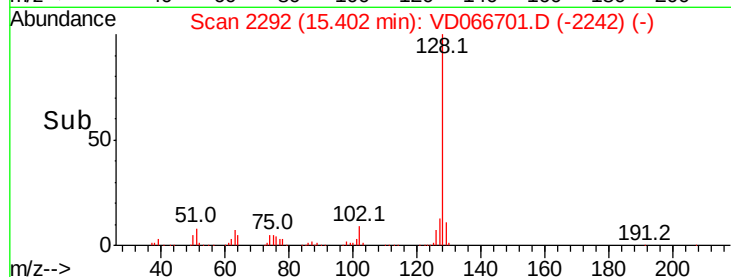
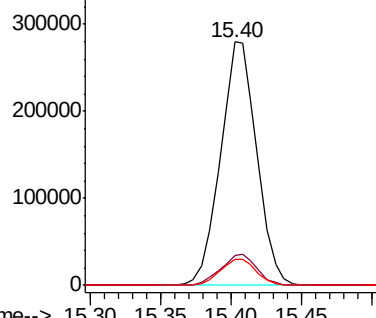
#95
Naphthalene
Concen: 57.937 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion:128 Resp: 503115
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.6 12.8

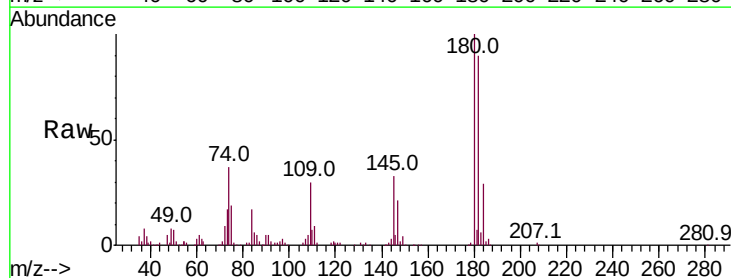


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.940 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion:180 Resp: 238505
Ion Ratio Lower Upper
180 100
182 93.0 46.6 139.8
145 34.2 17.1 51.3



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

