

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066704.D
 Acq On : 15 Sep 2020 18:53
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Quant Time: Sep 16 01:46:04 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	399022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	675193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	620500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221306	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.91	113	210525	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.34	98	763585	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.63	95	254972	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79157	24.372	ug/l	99
3) Chloromethane	2.21	50	95760	22.053	ug/l	96
4) Vinyl Chloride	2.35	62	96340	21.200	ug/l	96
5) Bromomethane	2.76	94	67737	21.012	ug/l	96
6) Chloroethane	2.91	64	58559	20.685	ug/l #	87
7) Trichlorofluoromethane	3.27	101	160958	20.506	ug/l	99
8) Diethyl Ether	3.71	74	41068	20.894	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	85947	19.924	ug/l	98
10) Methyl Iodide	4.30	142	79124	19.332	ug/l	98
11) Tert butyl alcohol	5.21	59	21621	13.229	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	83344	20.874	ug/l	93
13) Acrolein	3.92	56	31016	103.297	ug/l	93
14) Allyl chloride	4.71	41	130415	20.339	ug/l	98
15) Acrylonitrile	5.42	53	89204	103.602	ug/l	98
16) Acetone	4.16	43	77812	89.753	ug/l	96
17) Carbon Disulfide	4.40	76	267744	21.341	ug/l	100
18) Methyl Acetate	4.72	43	44392	21.968	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	187119	21.041	ug/l	100
20) Methylene Chloride	4.96	84	111512	19.426	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	96476	20.740	ug/l	94
22) Diisopropyl ether	6.36	45	277070	21.266	ug/l	99
23) Vinyl Acetate	6.30	43	758963	104.725	ug/l	99
24) 1,1-Dichloroethane	6.26	63	170508	20.623	ug/l	96
25) 2-Butanone	7.21	43	114522	101.445	ug/l	100
26) 2,2-Dichloropropane	7.20	77	145491	19.030	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	101431	19.932	ug/l	97
28) Bromochloromethane	7.54	49	72182	23.374	ug/l	96
29) Tetrahydrofuran	7.56	42	72223	104.565	ug/l	99
30) Chloroform	7.71	83	179411	20.390	ug/l	93
31) Cyclohexane	7.99	56	153757	20.446	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	167724	20.831	ug/l	99
36) 1,1-Dichloropropene	8.11	75	134151	19.325	ug/l	98
37) Ethyl Acetate	7.30	43	49396	18.796	ug/l #	80
38) Carbon Tetrachloride	8.09	117	144789	19.640	ug/l	97

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 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0915SBS01

Quant Time: Sep 16 01:46:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	150385	18.939	ug/l	97
40) Benzene	8.34	78	378512	20.154	ug/l	99
41) Methacrylonitrile	7.53	41	28744	20.660	ug/l #	63
42) 1,2-Dichloroethane	8.42	62	119793	20.588	ug/l	99
43) Isopropyl Acetate	8.44	43	97164	19.643	ug/l	98
44) Trichloroethene	9.11	130	100200	19.954	ug/l	98
45) 1,2-Dichloropropane	9.38	63	96337	20.749	ug/l	95
46) Dibromomethane	9.47	93	49685	19.474	ug/l	95
47) Bromodichloromethane	9.66	83	141279	20.322	ug/l	99
48) Methyl methacrylate	9.45	41	48446	19.255	ug/l	92
49) 1,4-Dioxane	9.46	88	11496	420.643	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	256171	100.591	ug/l	99
52) Toluene	10.40	92	240309	19.974	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	124861	20.105	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	146495	19.859	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	69232	20.581	ug/l	98
56) Ethyl methacrylate	10.66	69	77125	20.204	ug/l	98
57) 1,3-Dichloropropane	10.94	76	119037	20.165	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	190244	113.475	ug/l	97
59) 2-Hexanone	10.98	43	170569	99.682	ug/l	99
60) Dibromochloromethane	11.14	129	91924	20.973	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67007	20.766	ug/l	98
64) Tetrachloroethene	10.87	164	80935	19.108	ug/l	94
65) Chlorobenzene	11.67	112	253101	19.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	93076	19.636	ug/l	98
67) Ethyl Benzene	11.74	91	450317	19.352	ug/l	97
68) m/p-Xylenes	11.85	106	342471	38.940	ug/l	99
69) o-Xylene	12.18	106	153890	19.801	ug/l	97
70) Styrene	12.19	104	268495	19.628	ug/l	98
71) Bromoform	12.36	173	45608	19.172	ug/l #	99
73) Isopropylbenzene	12.48	105	423734	20.175	ug/l	100
74) N-amyl acetate	12.29	43	88304	19.932	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	75971	21.287	ug/l	93
76) 1,2,3-Trichloropropane	12.78	75	96290	39.985	ug/l #	100
77) Bromobenzene	12.76	156	96469	19.929	ug/l	99
78) n-propylbenzene	12.82	91	518571	20.255	ug/l	100
79) 2-Chlorotoluene	12.91	91	294152	20.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	361615	20.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22284	19.971	ug/l	96
82) 4-Chlorotoluene	13.00	91	319056	20.843	ug/l	98
83) tert-Butylbenzene	13.23	119	293270	20.037	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	361889	20.392	ug/l	100
85) sec-Butylbenzene	13.40	105	422438	20.132	ug/l	99
86) p-Isopropyltoluene	13.52	119	379340	19.885	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	186161	20.045	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	185411	20.049	ug/l	99
89) n-Butylbenzene	13.85	91	356599	19.659	ug/l	98
90) Hexachloroethane	14.11	117	78588	20.054	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	163731	20.575	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12607	21.853	ug/l	93

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
VD0915SBSD01

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

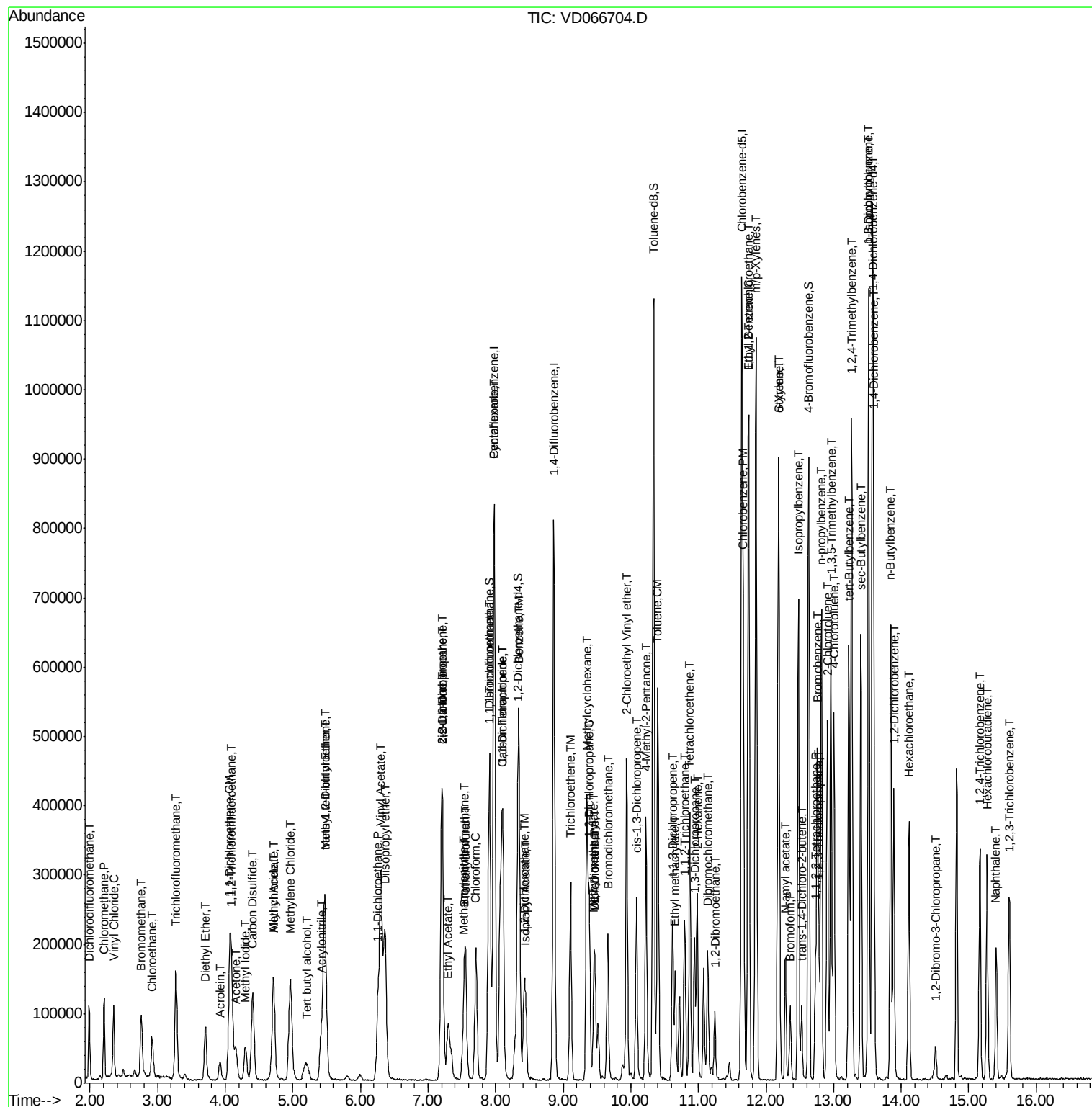
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	98689	20.505	ug/l	99
94) Hexachlorobutadiene	15.27	225	55398	19.104	ug/l	98
95) Naphthalene	15.41	128	166986	19.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	82813	19.699	ug/l	95

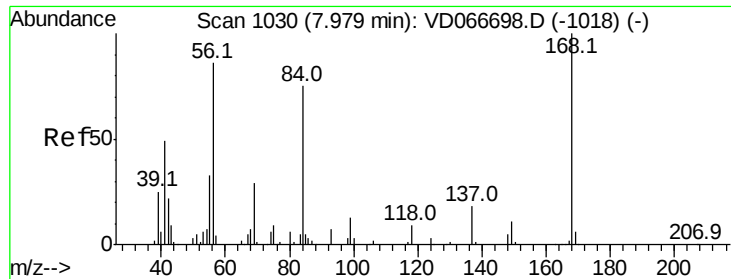
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091520\
Data File : VD066704.D
Acq On : 15 Sep 2020 18:53
Operator : VA/SY
Sample : VD0915SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBSD01

Quant Time: Sep 16 01:46:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

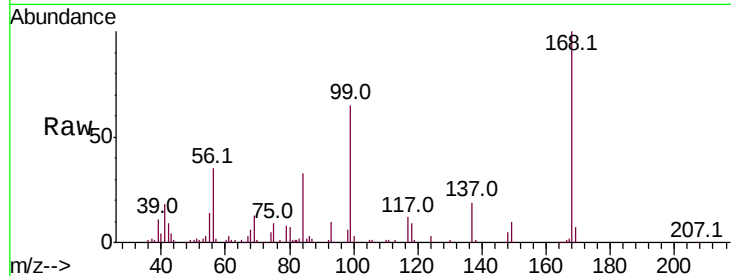
VD0915SBS01

Tot Ion:168 Resp: 399022

Ion Ratio Lower Upper

168 100

99 65.1 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

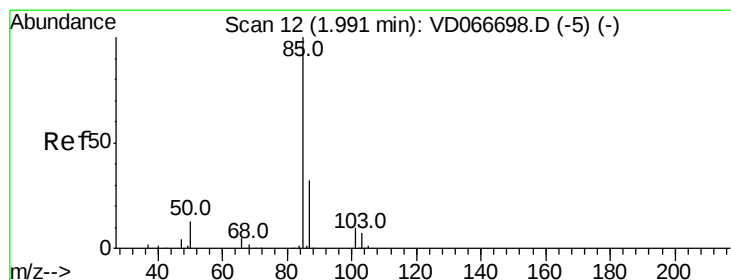
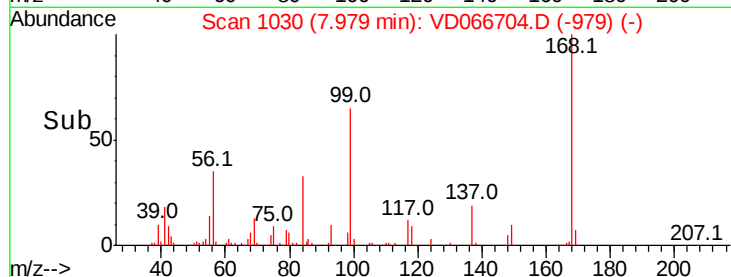
100000

50000

0

7.90 7.98 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.372 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066704.D

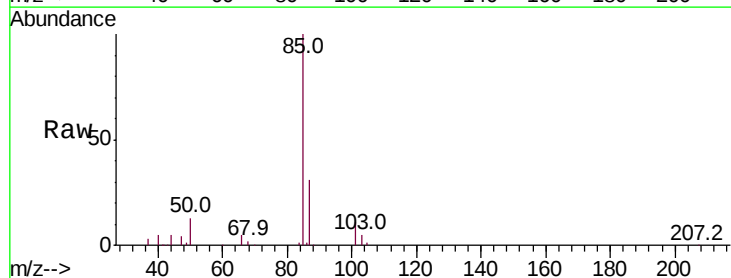
Acq: 15 Sep 2020 18:53

Tgt Ion: 85 Resp: 79157

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

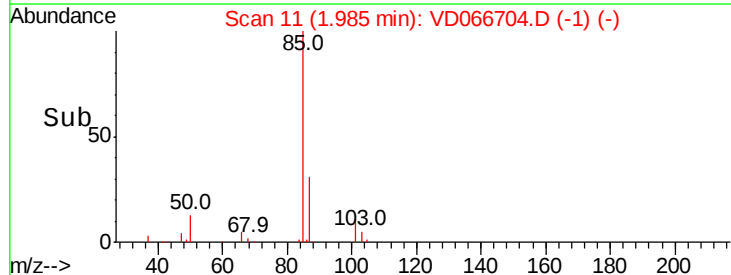
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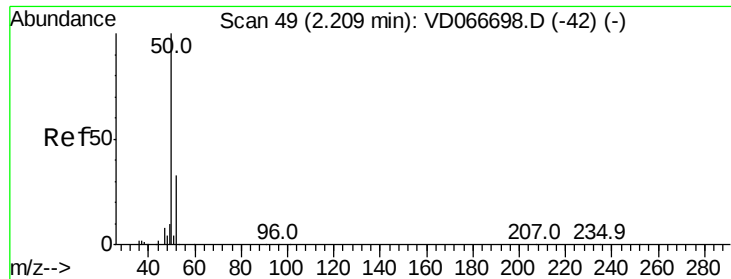
20000

0

1.90 1.95 1.99 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.053 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

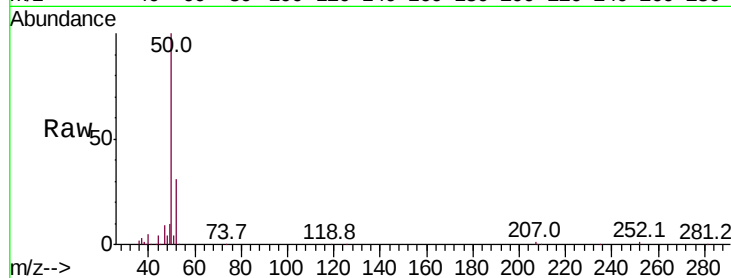
VD0915SBS01

Tot Ion: 50 Resp: 95760

Ion Ratio Lower Upper

50 100

52 31.2 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

60000

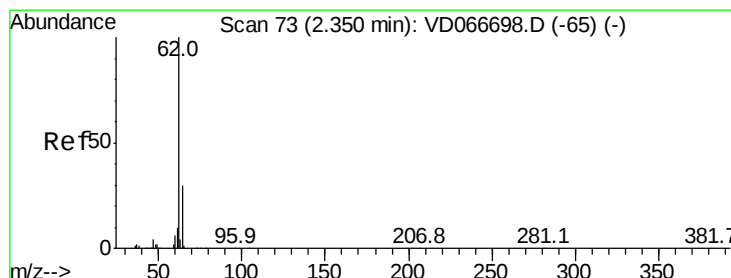
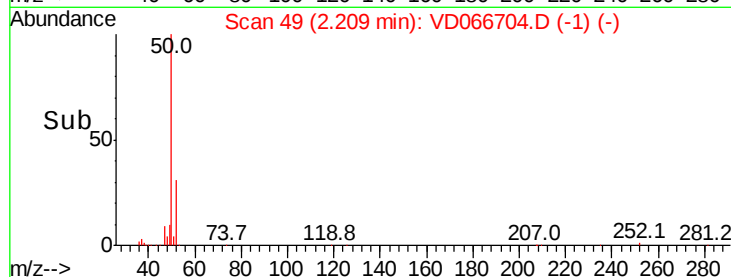
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 21.200 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066704.D

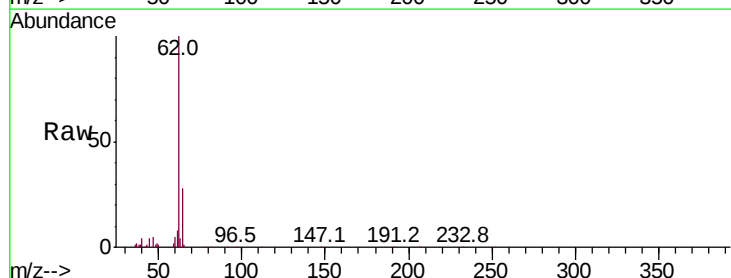
Acq: 15 Sep 2020 18:53

Tgt Ion: 62 Resp: 96340

Ion Ratio Lower Upper

62 100

64 28.3 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

60000

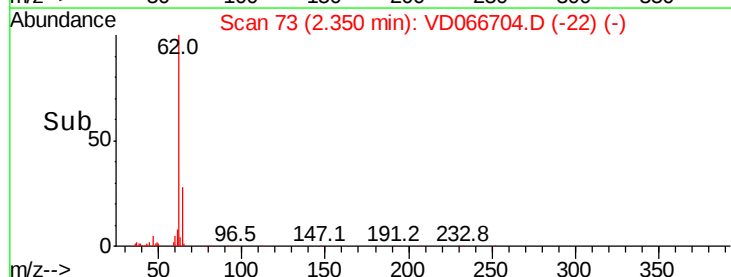
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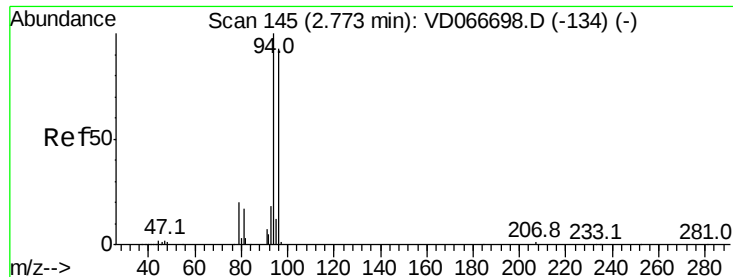
20000

0

Time-->

2.25 2.30 2.35 2.40





#5

Bromomethane

Concen: 21.012 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

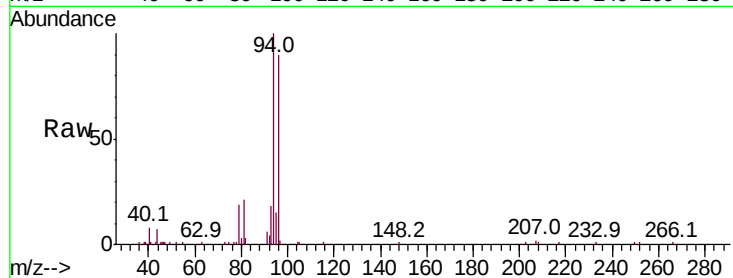
VD0915SBS01

Tot Ion: 94 Resp: 67737

Ion Ratio Lower Upper

94 100

96 89.2 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

30000

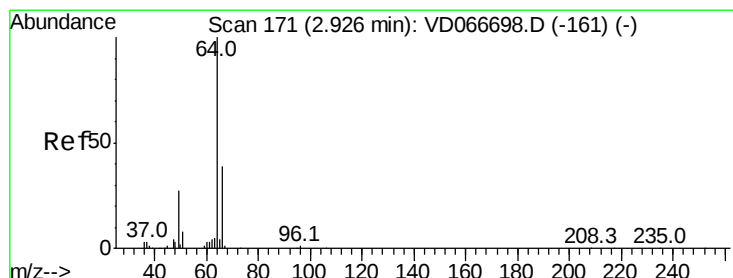
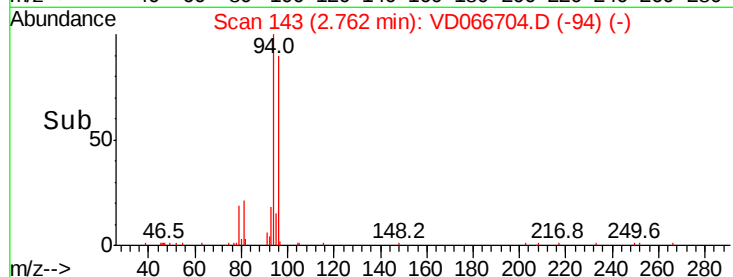
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 20.685 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066704.D

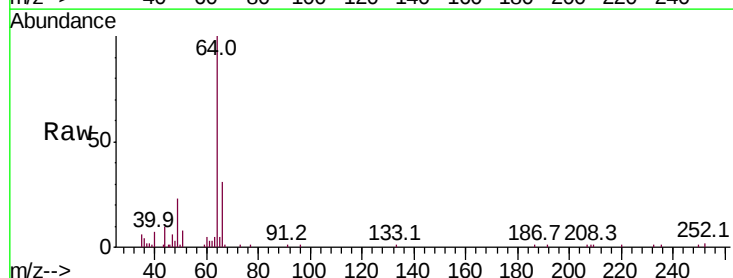
Acq: 15 Sep 2020 18:53

Tgt Ion: 64 Resp: 58559

Ion Ratio Lower Upper

64 100

66 30.8 30.9 46.3#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

30000

25000

20000

15000

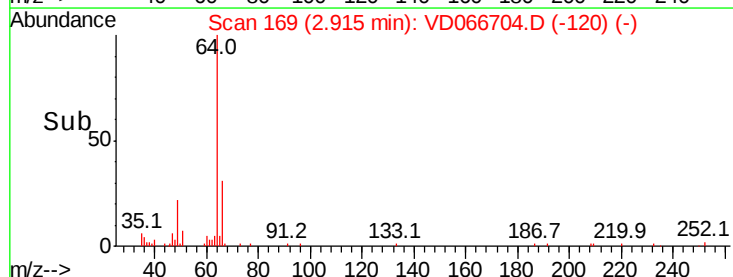
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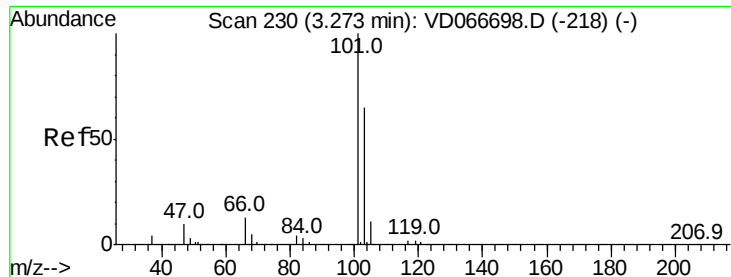
5000

0

Time-->

2.80 2.90 3.00





#7

Trichlorofluoromethane

Concen: 20.506 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

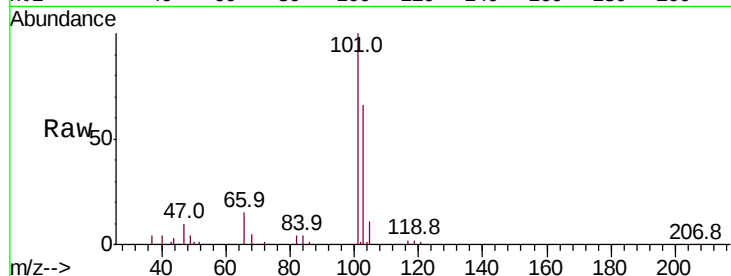
VD0915SBS01

Tot Ion:101 Resp: 160958

Ion Ratio Lower Upper

101 100

103 65.7 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

80000

60000

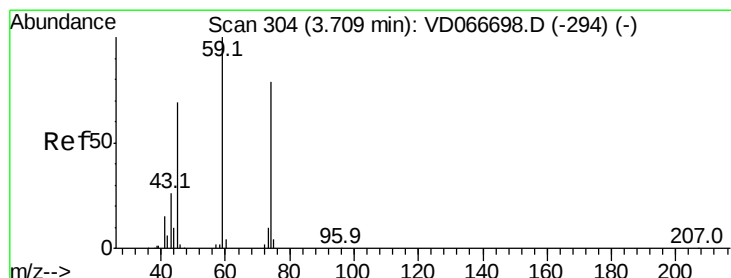
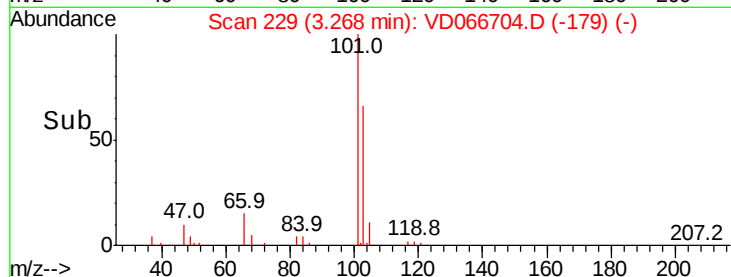
40000

20000

0

Time-->

3.20 3.30 3.40



#8

Diethyl Ether

Concen: 20.894 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066704.D

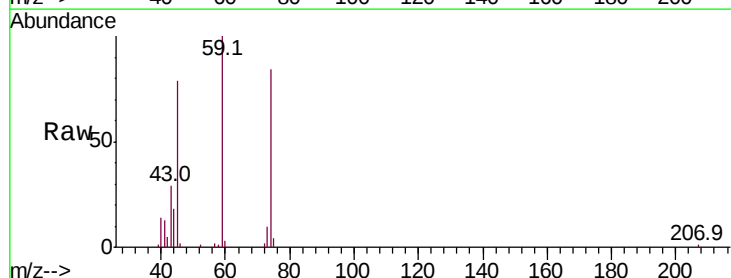
Acq: 15 Sep 2020 18:53

Tgt Ion: 74 Resp: 41068

Ion Ratio Lower Upper

74 100

45 99.2 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

20000

15000

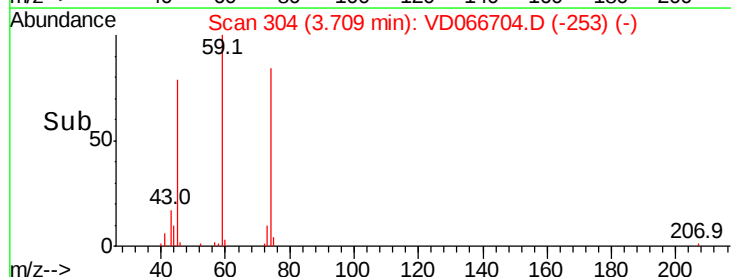
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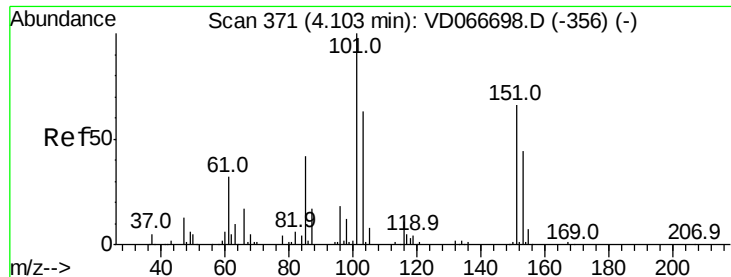
5000

0

Time-->

3.60 3.70 3.80





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.924 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066704.D

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MSVOA_D

ClientSampleId :

VD0915SBS01

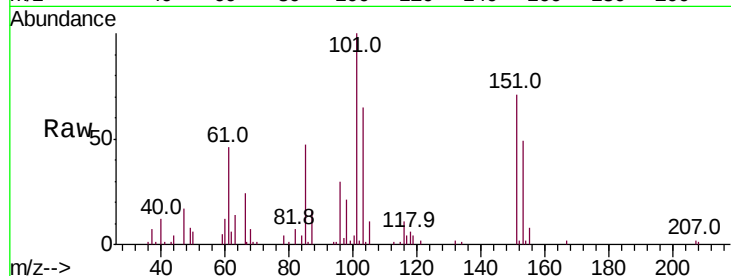
Tot Ion:101 Resp: 85947

Ion Ratio Lower Upper

101 100

85 47.0 36.3 54.5

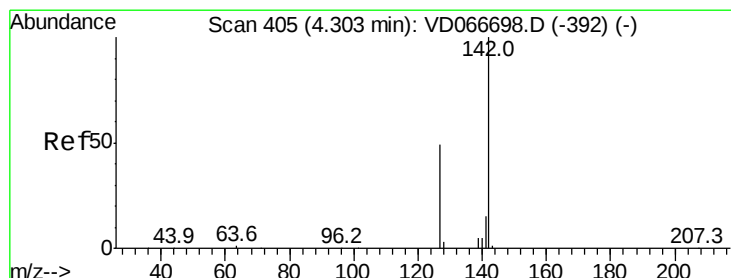
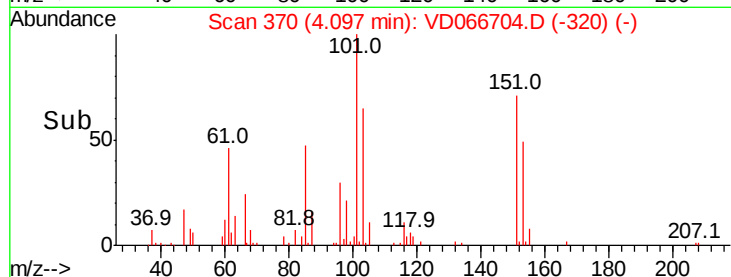
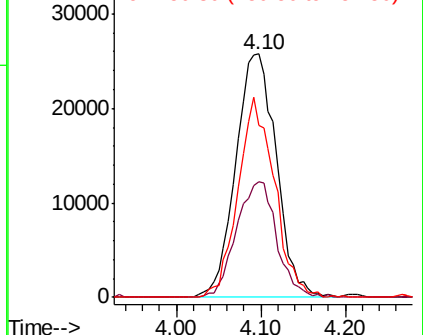
151 73.7 58.0 87.0



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: 19.332 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

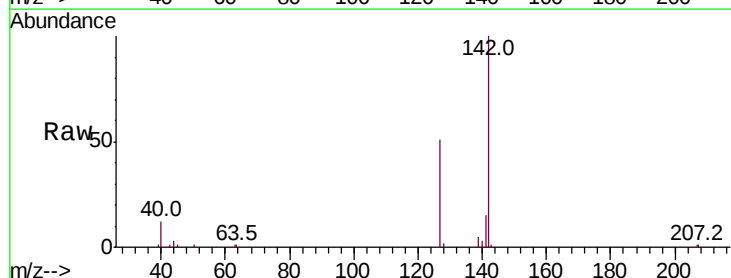
Tgt Ion:142 Resp: 79124

Ion Ratio Lower Upper

142 100

127 49.9 39.0 58.4

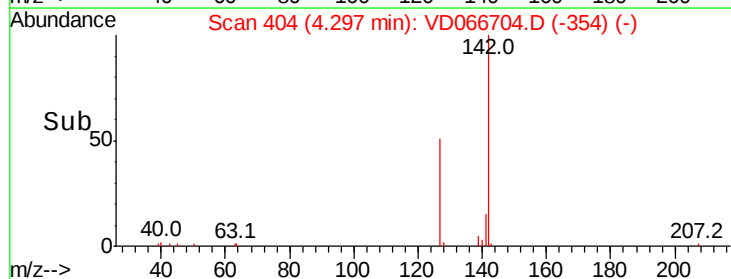
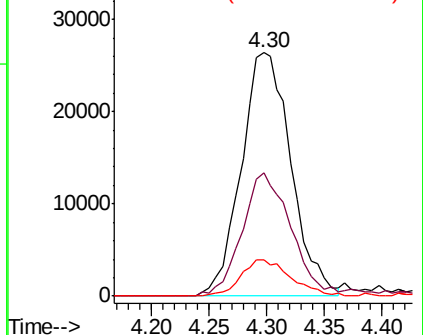
141 15.0 11.7 17.5

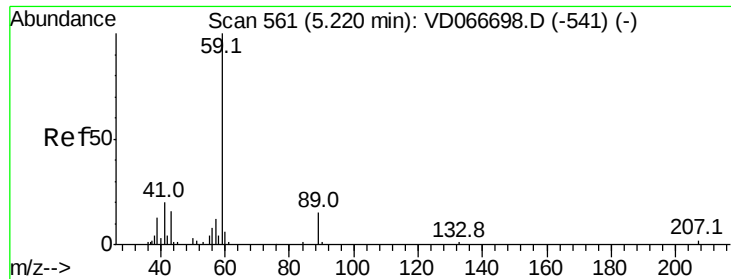


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 13.229 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

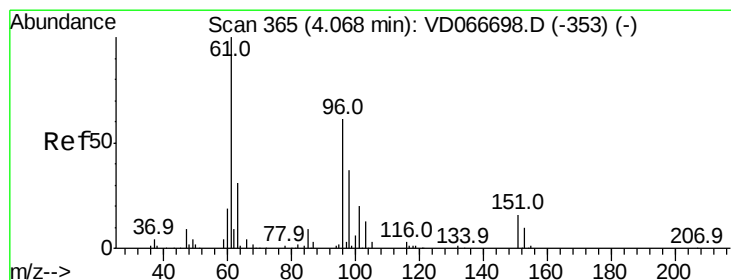
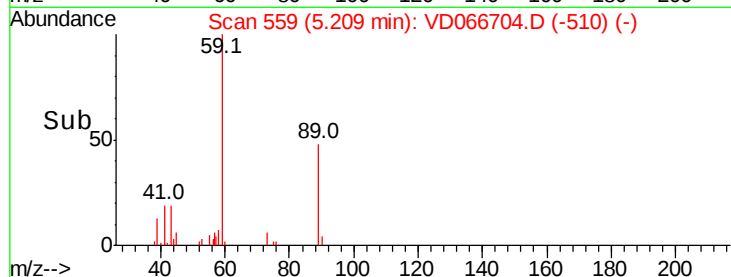
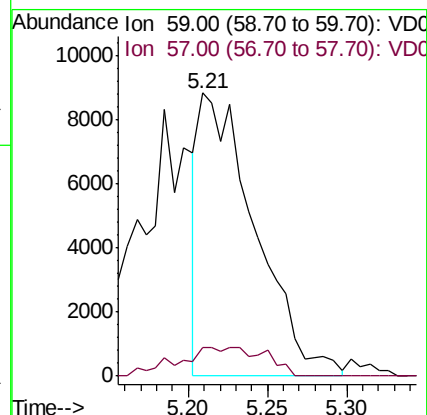
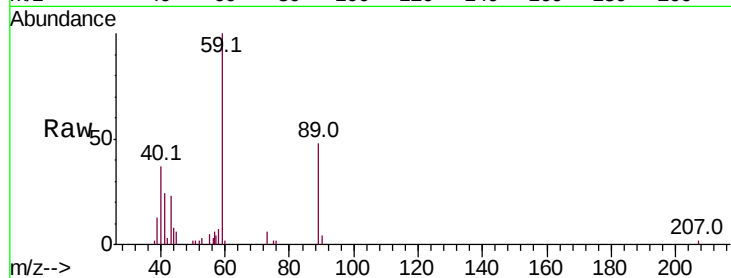
VD0915SBS01

Tot Ion: 59 Resp: 21621

Ion Ratio Lower Upper

59 100

57 13.3 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 20.874 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

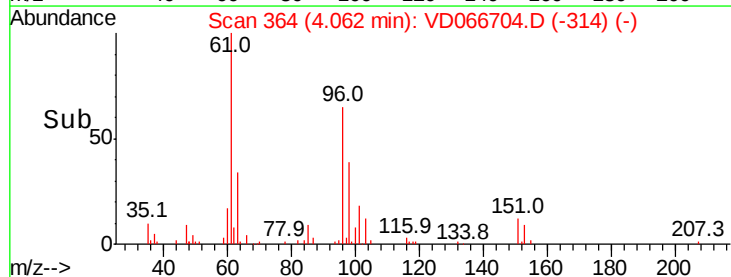
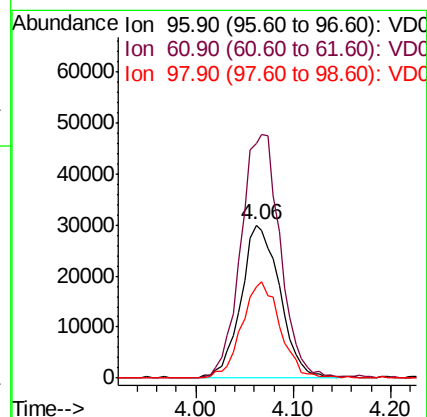
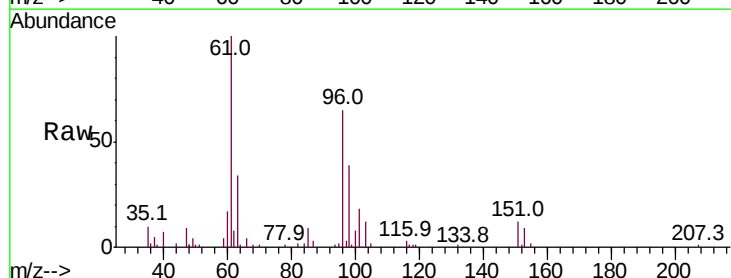
Tgt Ion: 96 Resp: 83344

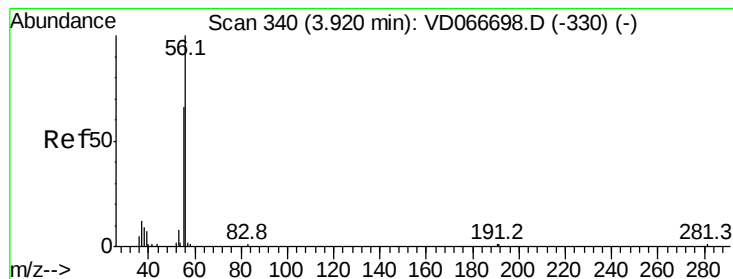
Ion Ratio Lower Upper

96 100

61 153.8 131.9 197.9

98 59.8 49.1 73.7





#13

Acrolein

Concen: 103.297 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

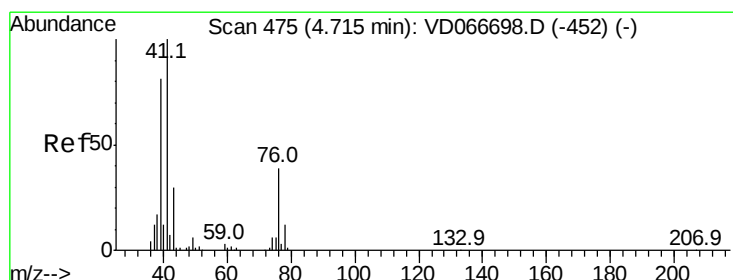
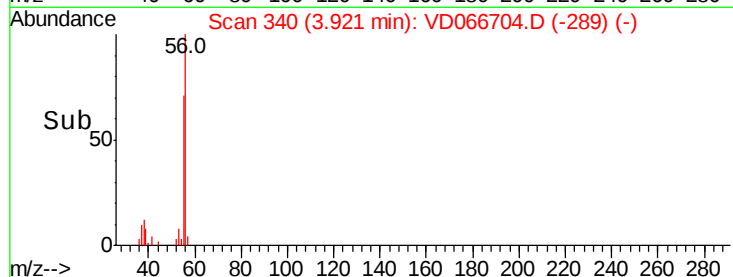
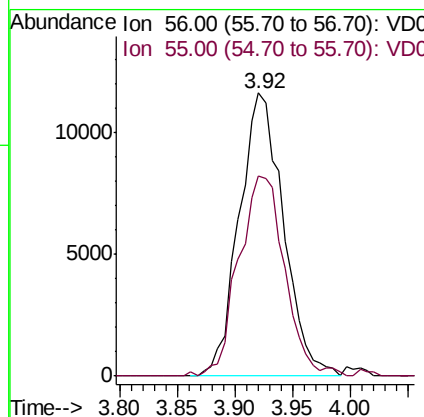
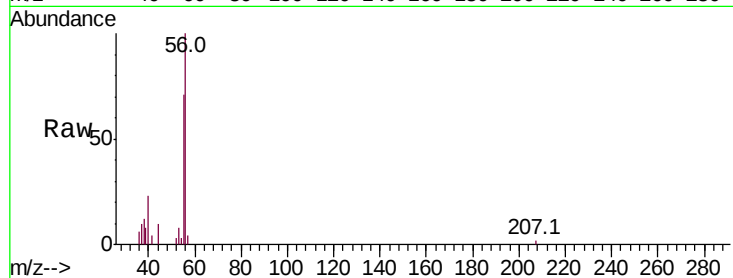
VD0915SBSD01

Tot Ion: 56 Resp: 31016

Ion Ratio Lower Upper

56 100

55 73.8 54.7 82.1



#14

Allyl chloride

Concen: 20.339 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

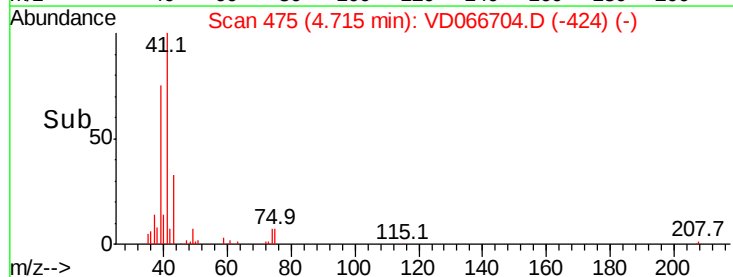
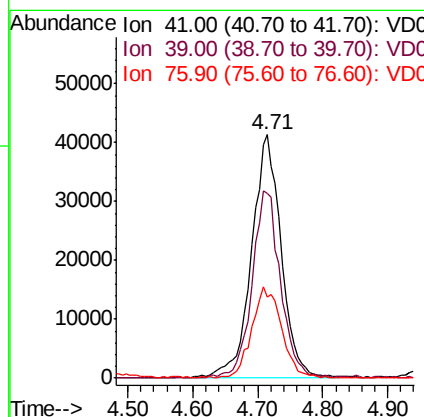
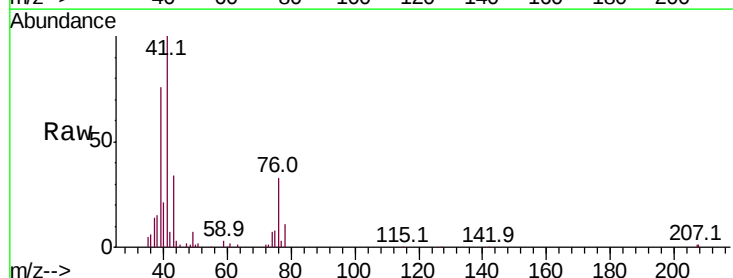
Tgt Ion: 41 Resp: 130415

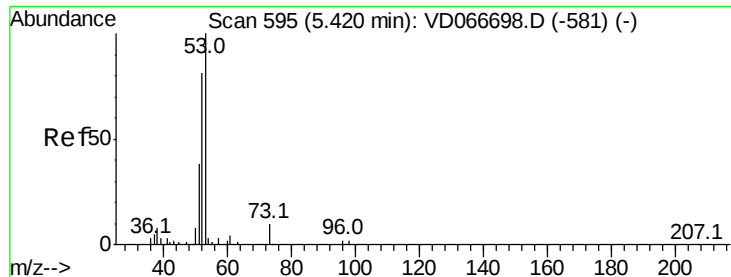
Ion Ratio Lower Upper

41 100

39 73.9 60.6 90.8

76 37.4 29.2 43.8





#15

Acrylonitrile

Concen: 103.602 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

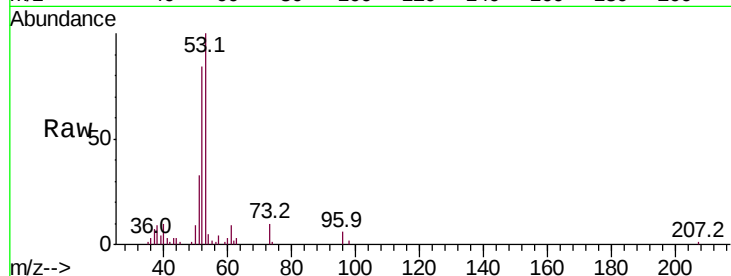
Tot Ion: 53 Resp: 89204

Ion Ratio Lower Upper

53 100

52 81.4 66.6 99.8

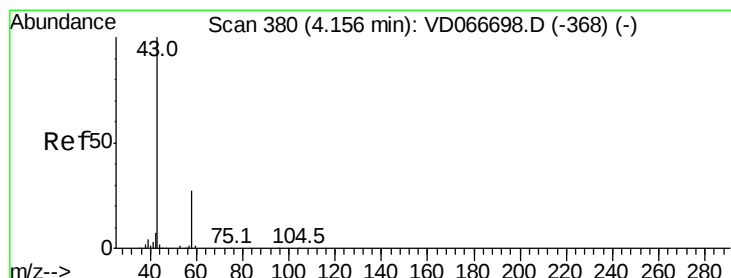
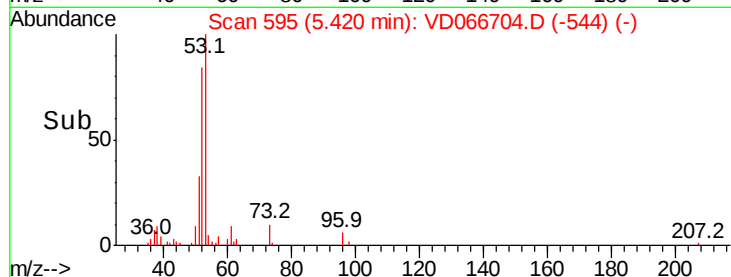
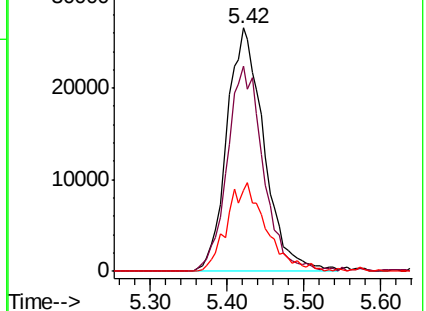
51 38.0 31.0 46.6



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: 89.753 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066704.D

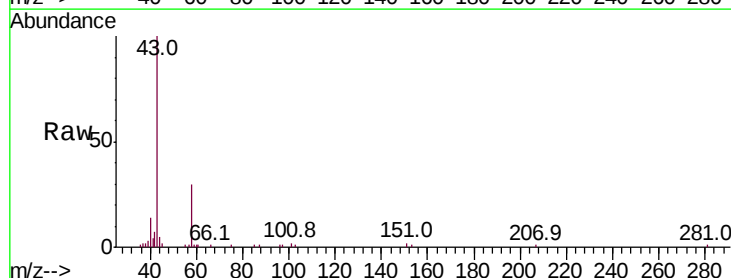
Acq: 15 Sep 2020 18:53

Tgt Ion: 43 Resp: 77812

Ion Ratio Lower Upper

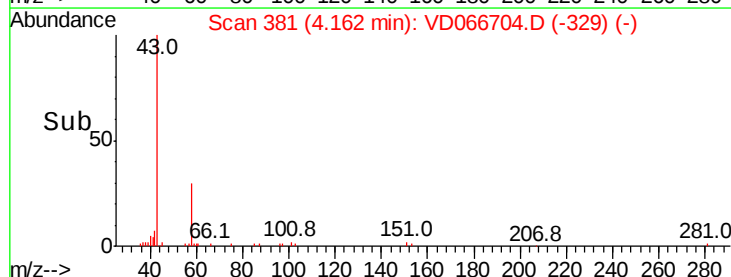
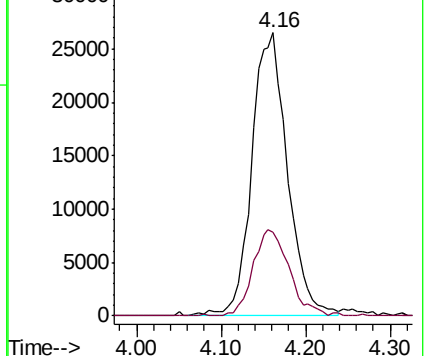
43 100

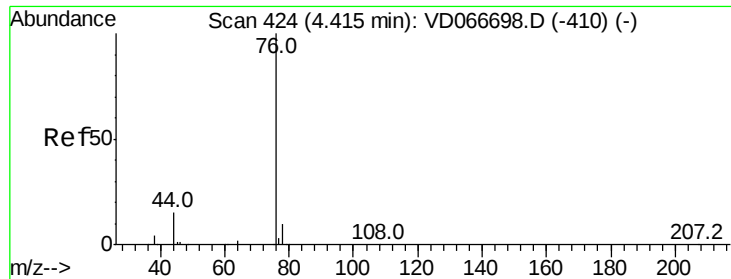
58 29.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

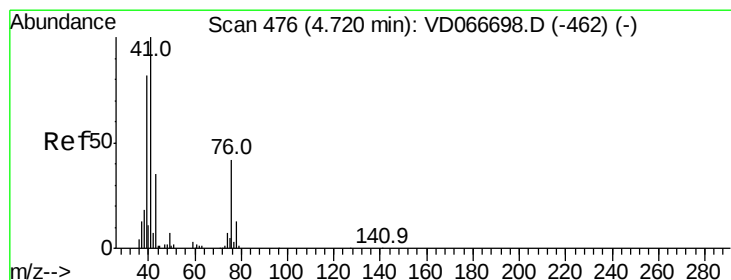
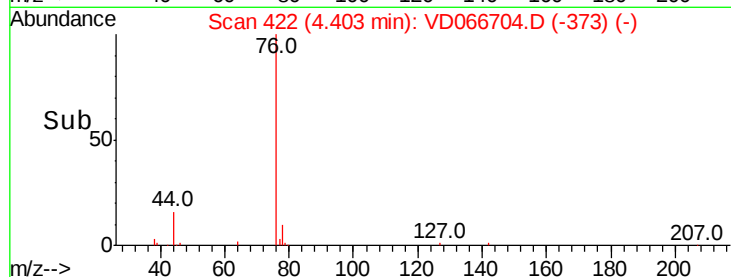
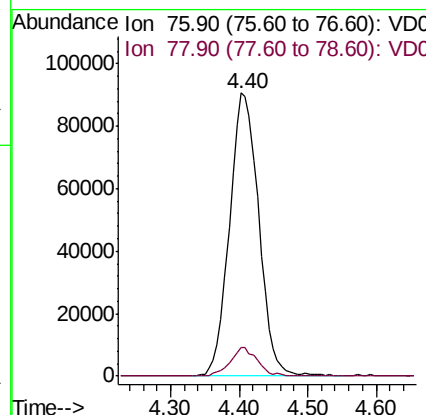
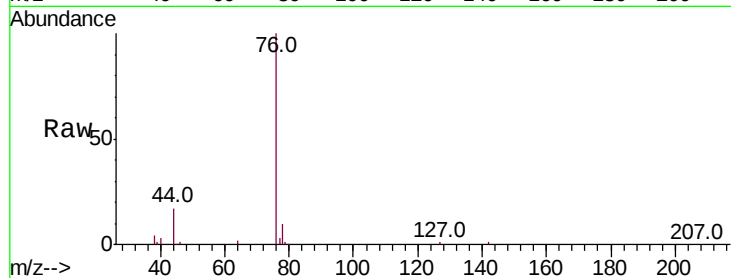




#17
Carbon Disulfide
Concen: 21.341 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

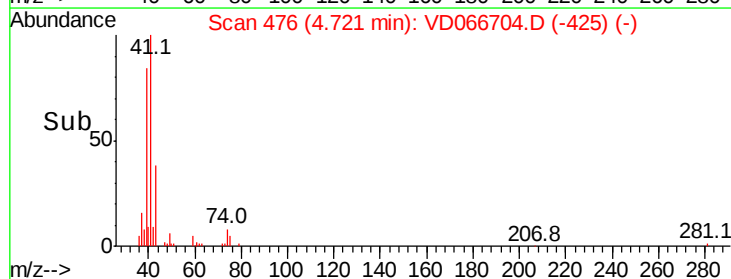
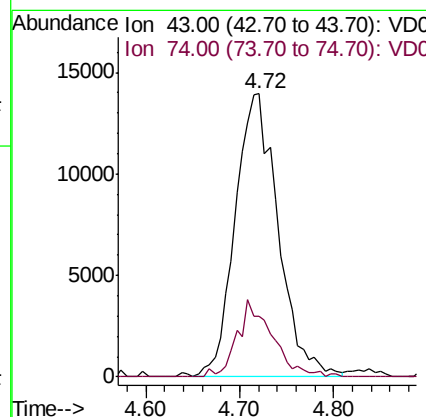
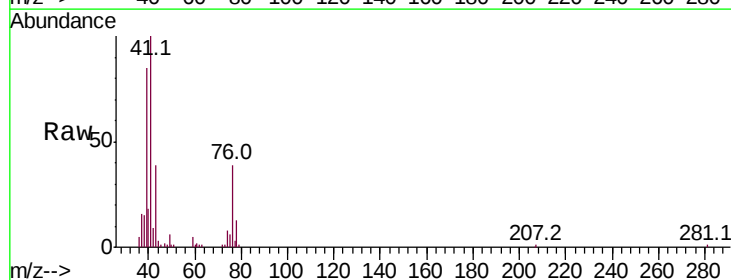
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBSD01

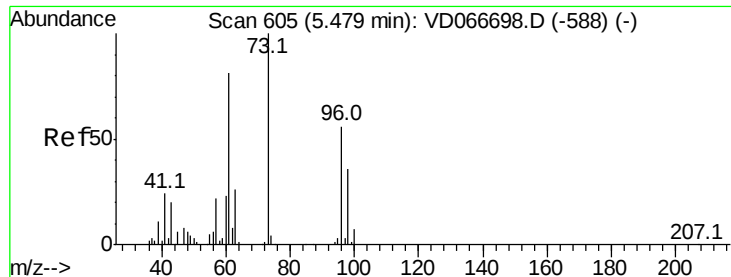
Tot Ion: 76 Resp: 267744
Ion Ratio Lower Upper
76 100
78 10.1 8.0 12.0



#18
Methyl Acetate
Concen: 21.968 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 43 Resp: 44392
Ion Ratio Lower Upper
43 100
74 22.0 18.6 28.0

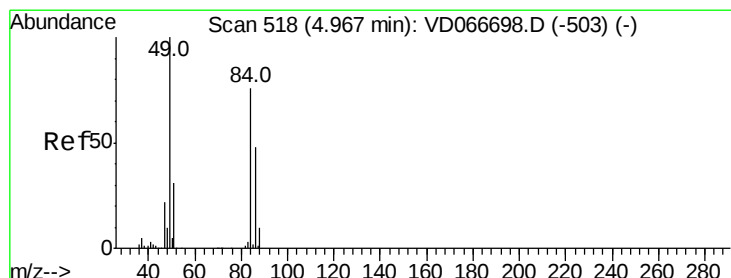
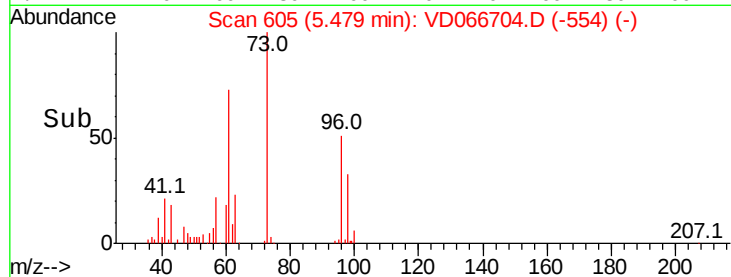
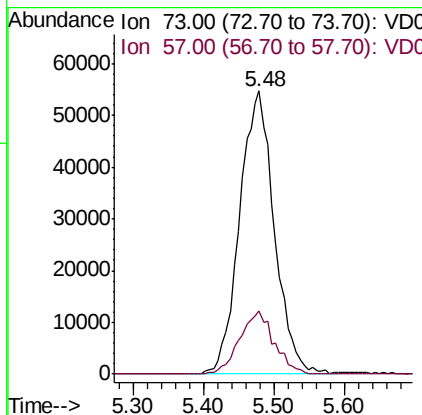
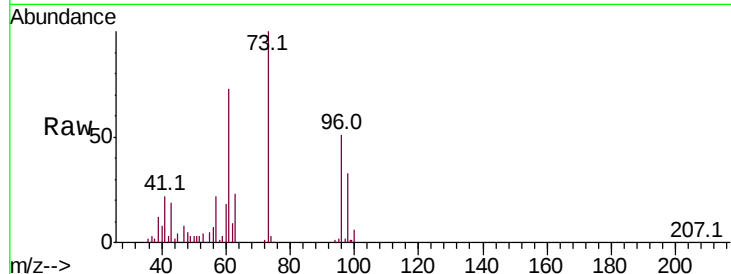




#19
Methvl tert-butvl Ether
Concen: 21.041 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

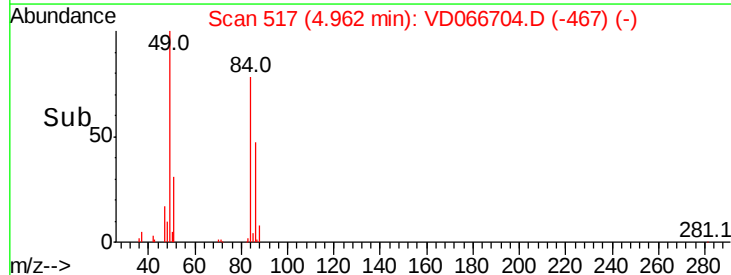
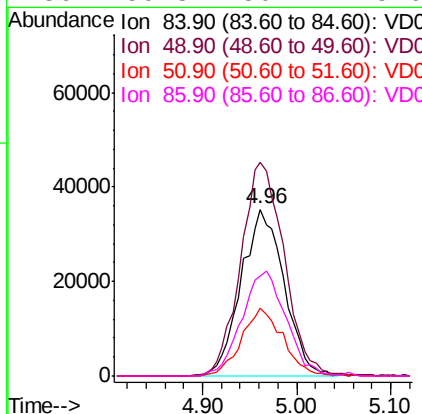
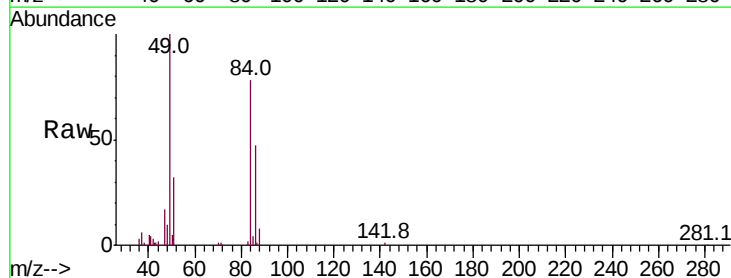
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

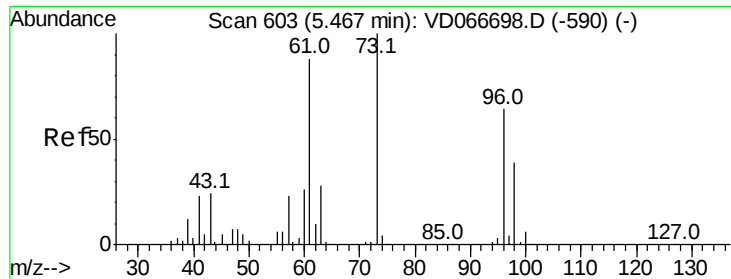
Tot Ion: 73 Resp: 187119
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 19.426 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 84 Resp: 111512
Ion Ratio Lower Upper
84 100
49 128.0 105.0 157.6
51 40.5 32.2 48.4
86 59.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.740 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

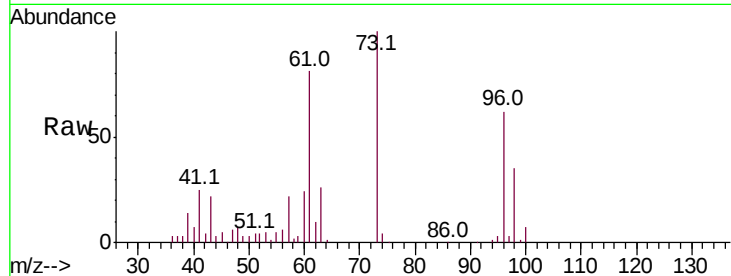
Tot Ion: 96 Resp: 96476

Ion Ratio Lower Upper

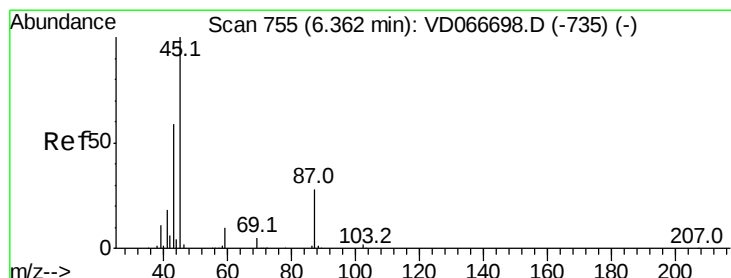
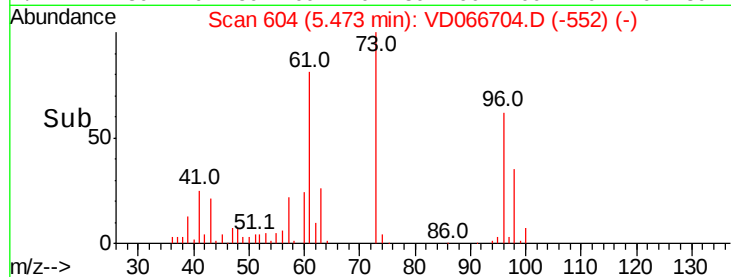
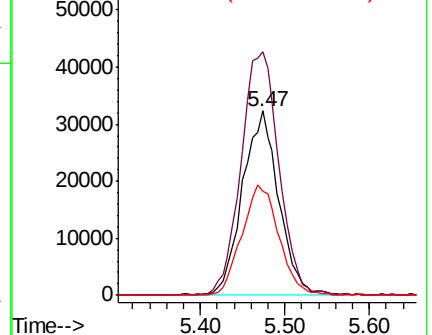
96 100

61 132.0 110.6 166.0

98 56.2 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: 21.266 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Tgt Ion: 45 Resp: 277070

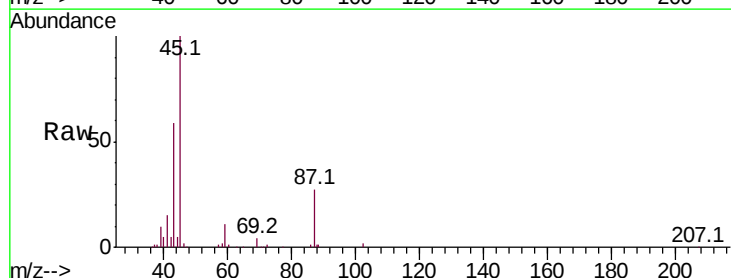
Ion Ratio Lower Upper

45 100

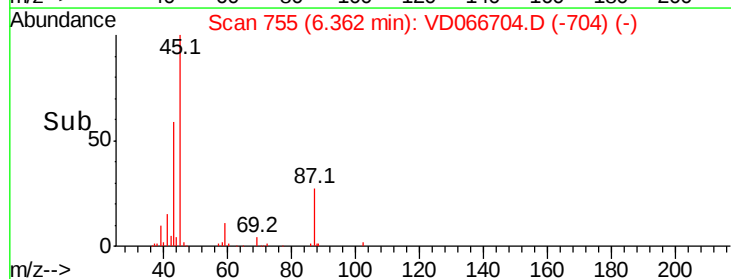
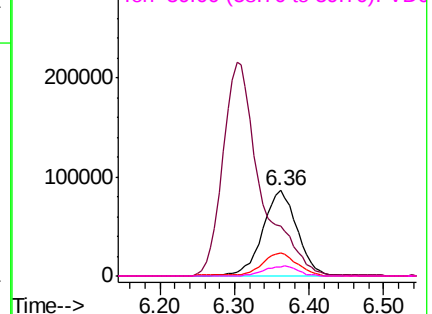
43 58.0 46.9 70.3

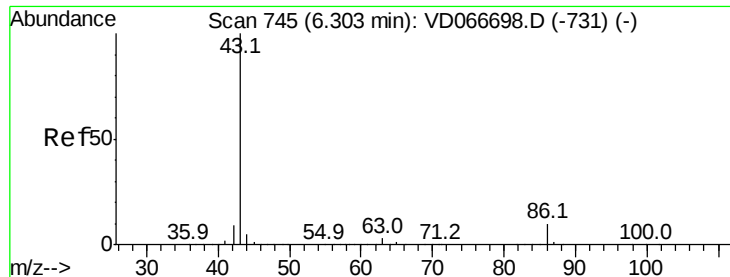
87 27.0 22.4 33.6

59 11.0 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: 104.725 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

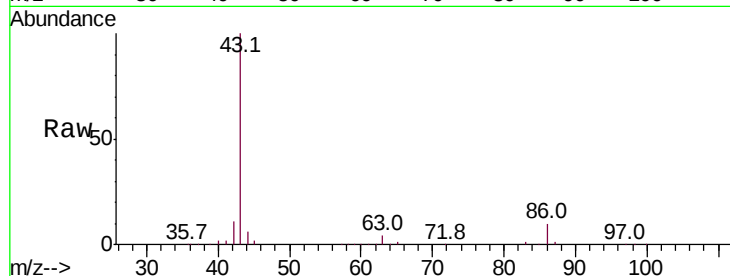
VD0915SBS01

Tot Ion: 43 Resp: 758963

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

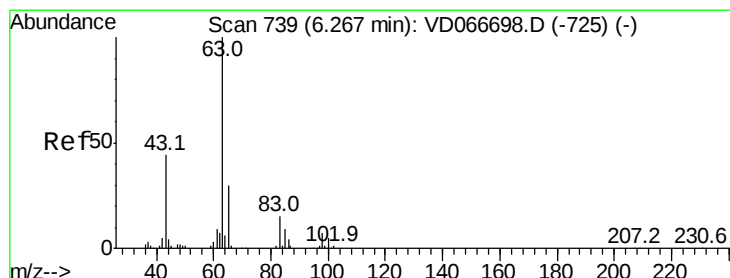
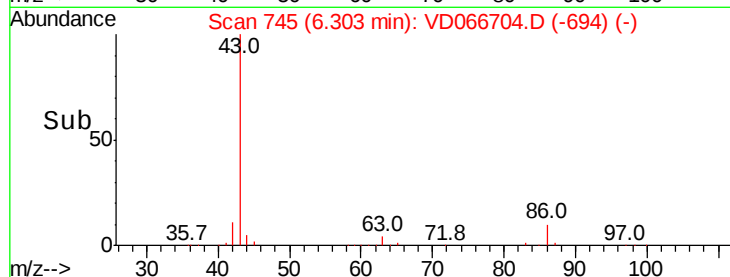
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 20.623 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

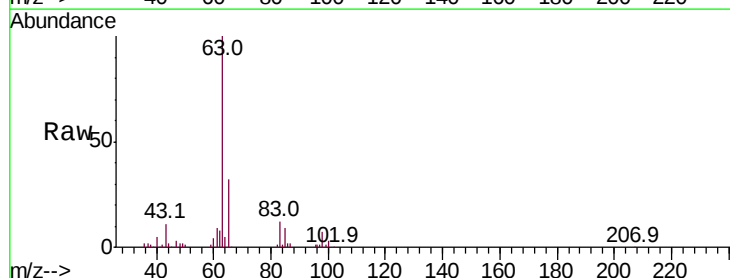
Tgt Ion: 63 Resp: 170508

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 3.3 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

60000

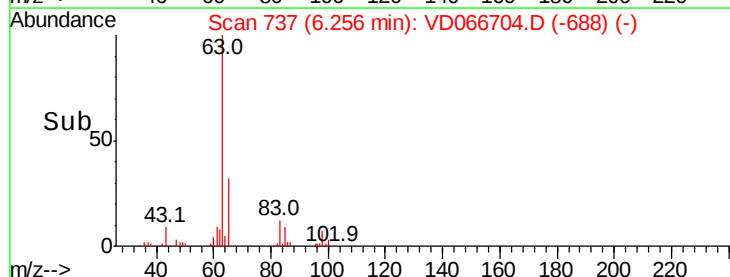
40000

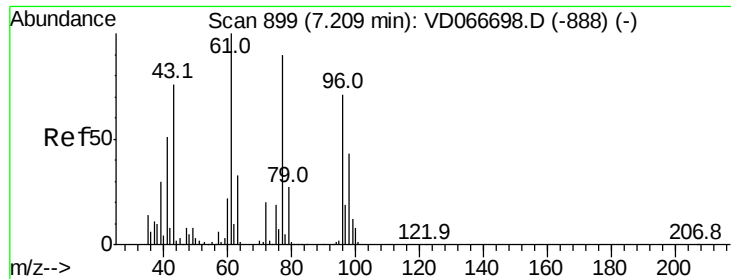
20000

0

6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 101.445 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

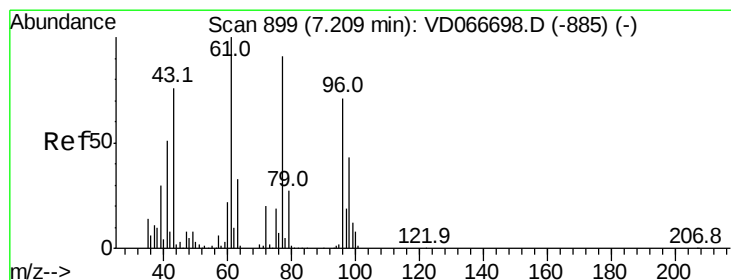
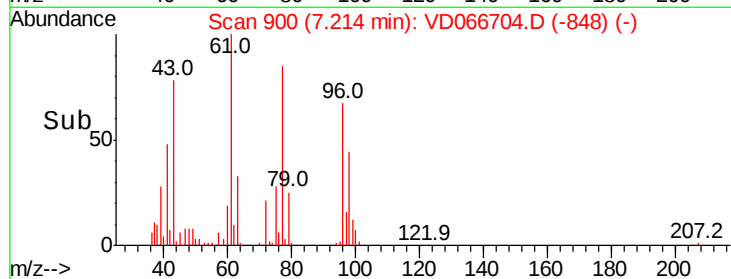
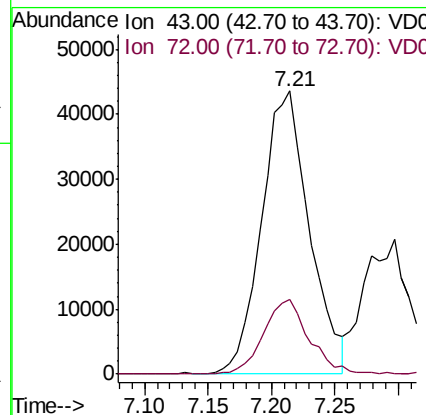
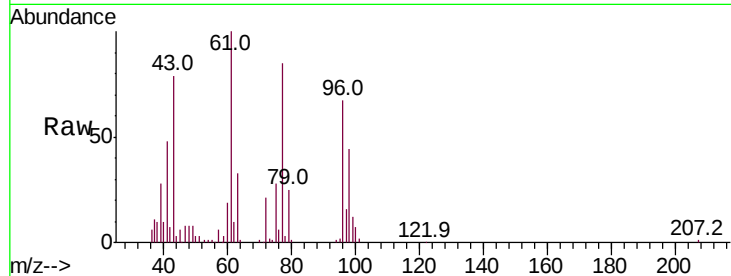
VD0915SBS01

Tot Ion: 43 Resp: 114522

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.030 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066704.D

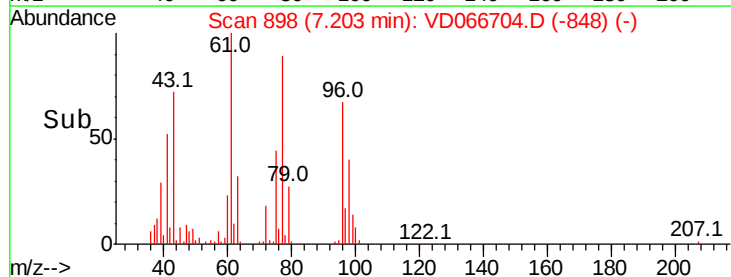
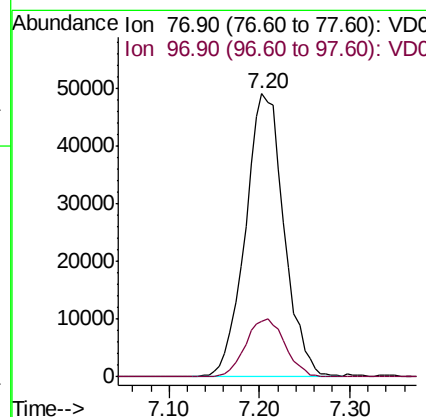
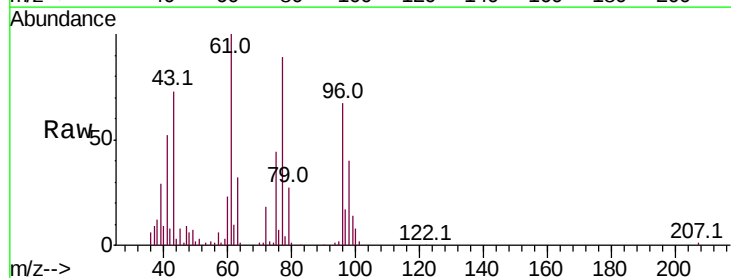
Acq: 15 Sep 2020 18:53

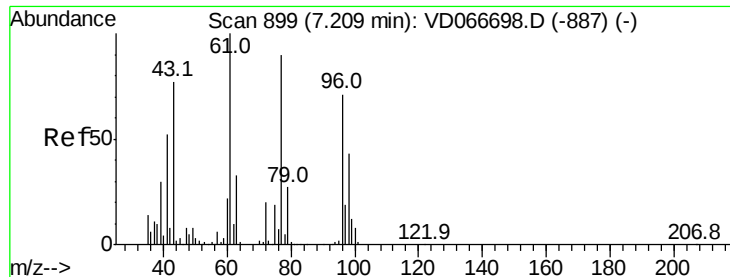
Tgt Ion: 77 Resp: 145491

Ion Ratio Lower Upper

77 100

97 20.8 10.6 31.8



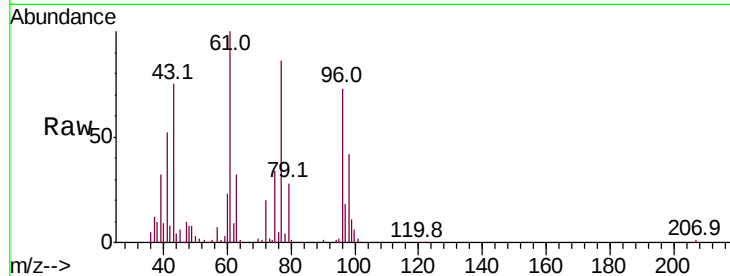


#27

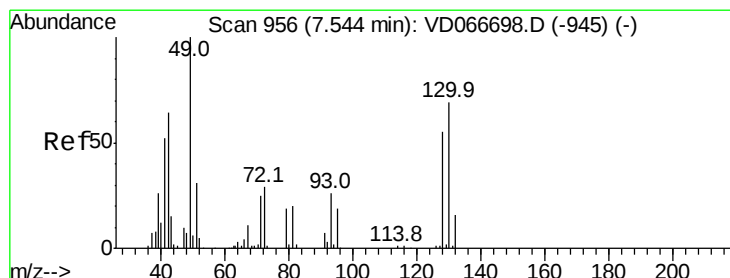
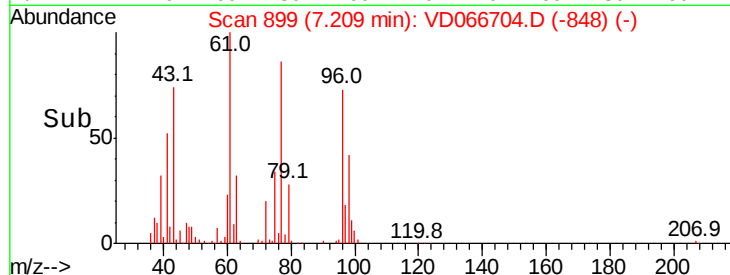
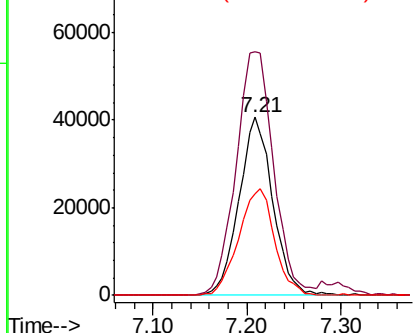
cis-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBSD01

Tot Ion: 96 Resp: 101431
Ion Ratio Lower Upper
96 100
61 152.1 0.0 292.4
98 63.6 0.0 127.0



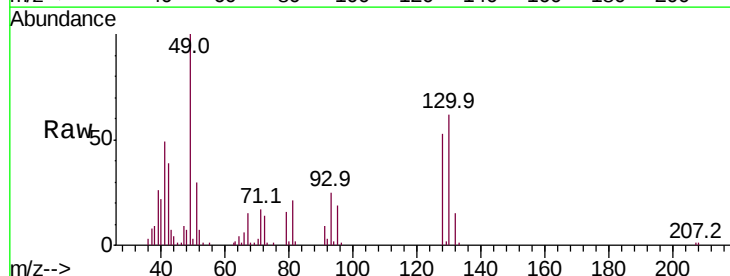
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



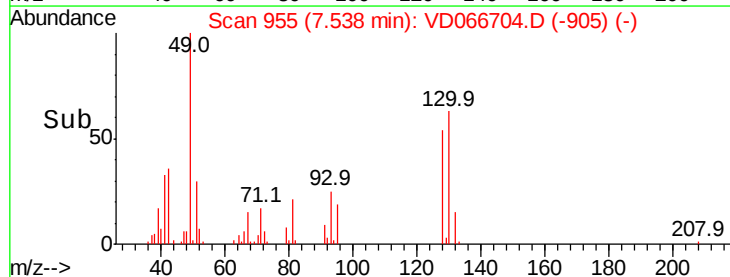
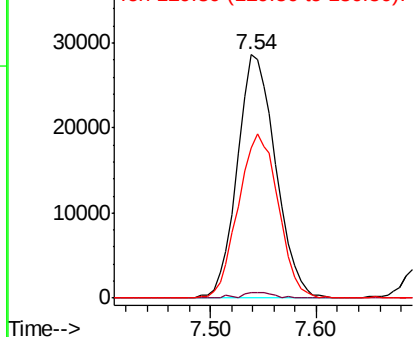
#28

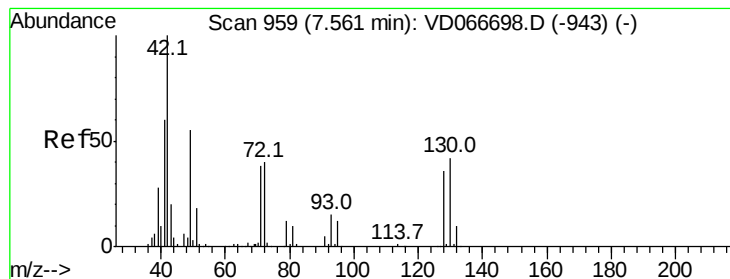
Bromochloromethane
Concen: 23.374 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 49 Resp: 72182
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 70.3 58.6 88.0



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





#29

Tetrahydrofuran

Concen: 104.565 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

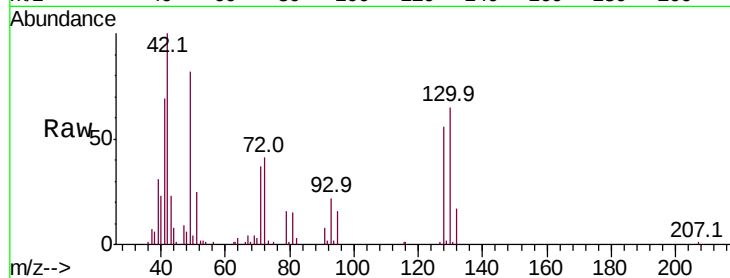
Tot Ion: 42 Resp: 72223

Ion Ratio Lower Upper

42 100

72 41.0 32.6 48.8

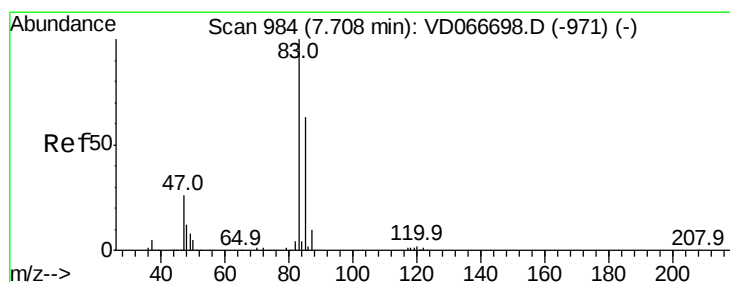
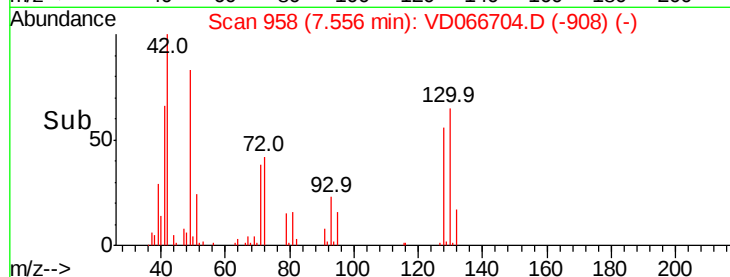
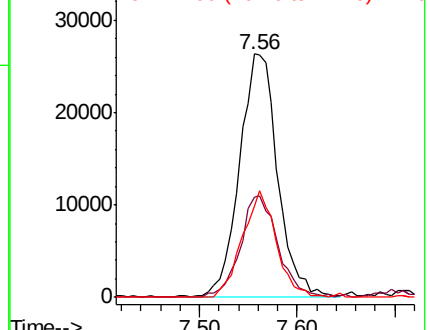
71 38.8 30.6 45.8



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: 20.390 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066704.D

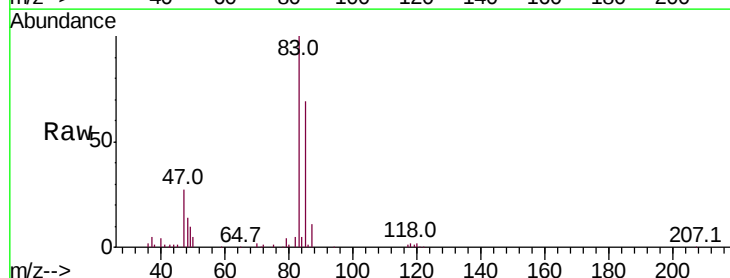
Acq: 15 Sep 2020 18:53

Tgt Ion: 83 Resp: 179411

Ion Ratio Lower Upper

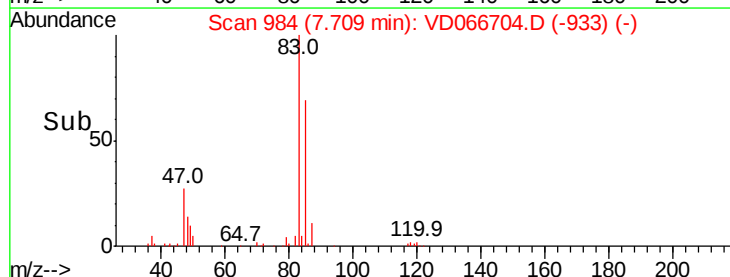
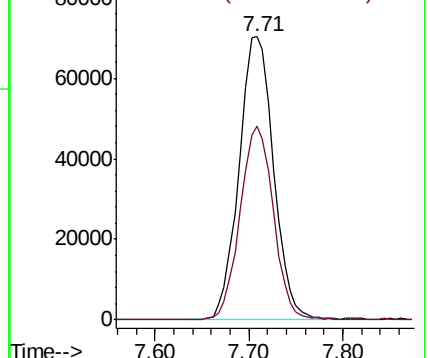
83 100

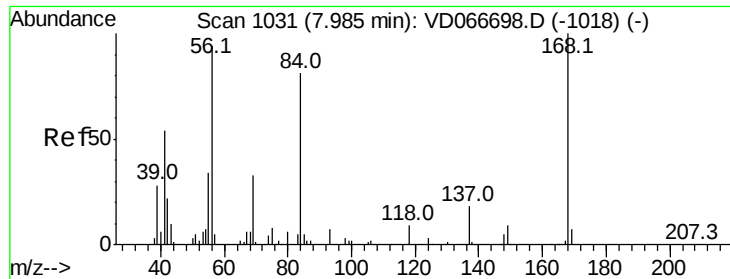
85 68.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

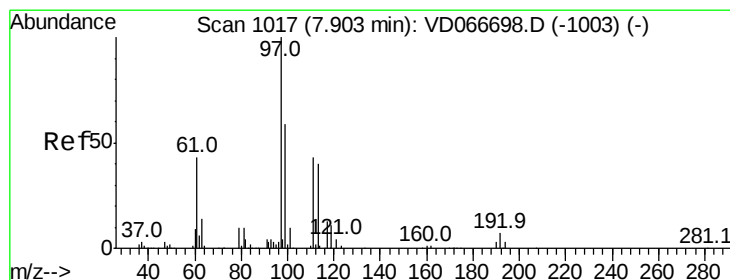
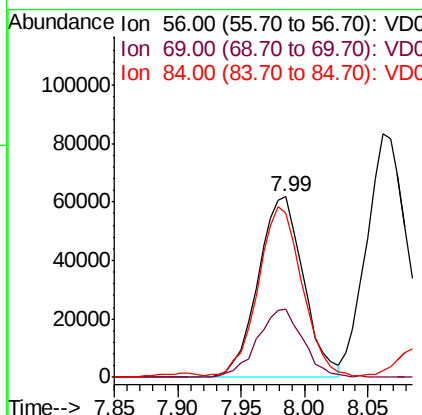
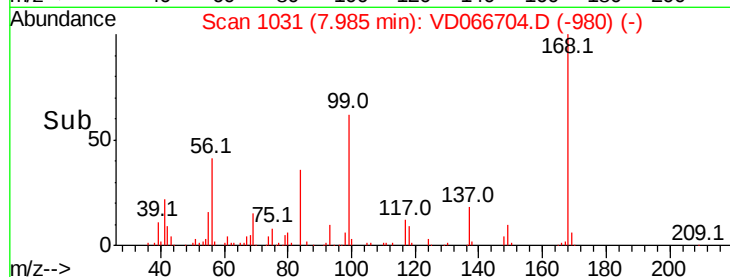
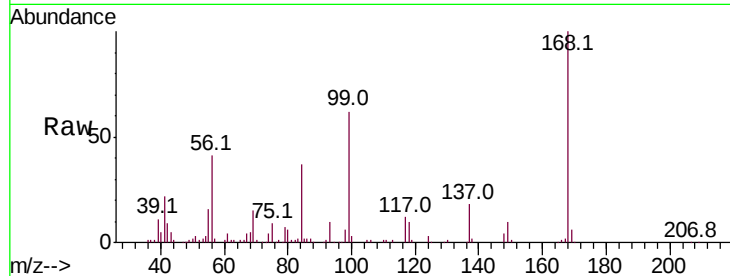




#31
Cyclohexane
Concen: 20.446 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

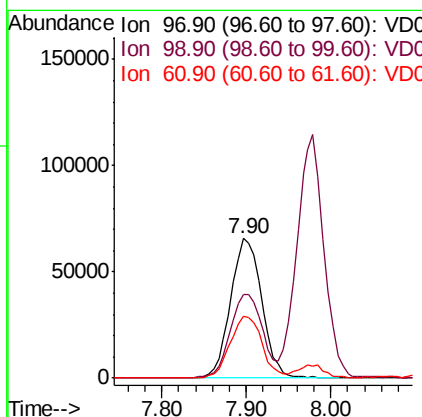
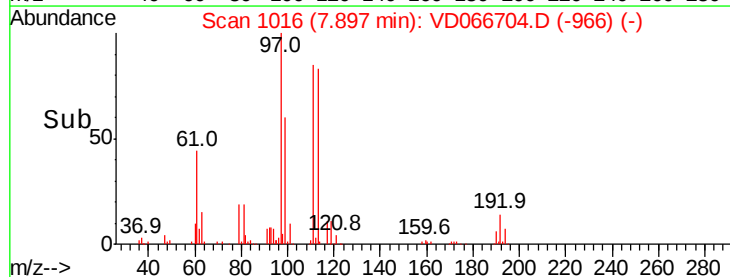
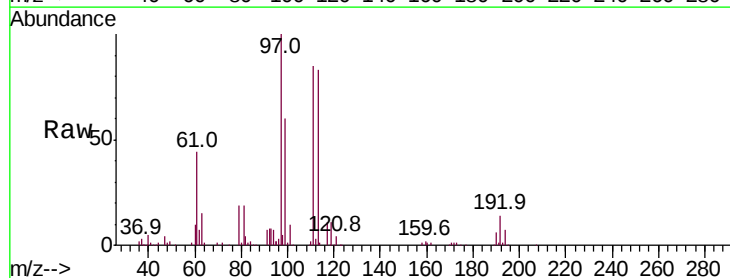
Instrument :
MSVOA_D
ClientSampleID :
VD0915SBS01

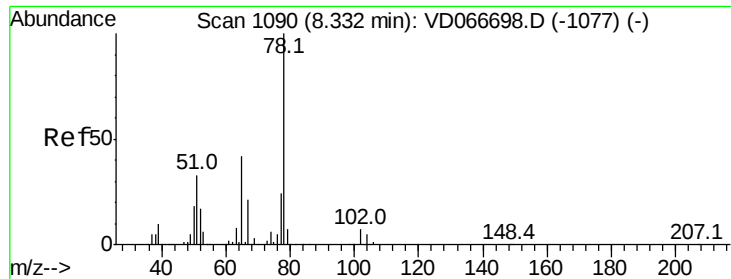
Tot Ion: 56 Resp: 153757
Ion Ratio Lower Upper
56 100
69 37.5 27.7 41.5
84 88.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.831 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 97 Resp: 167724
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.4
61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.982 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

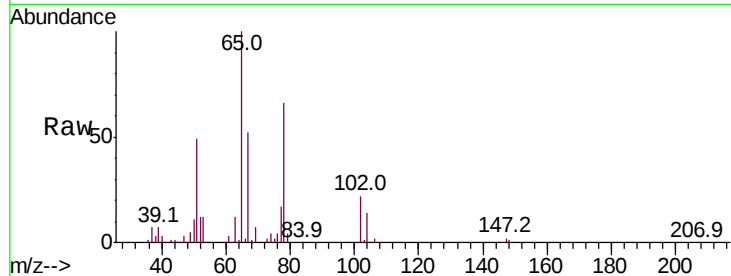
VD0915SBS01

Tot Ion: 65 Resp: 221306

Ion Ratio Lower Upper

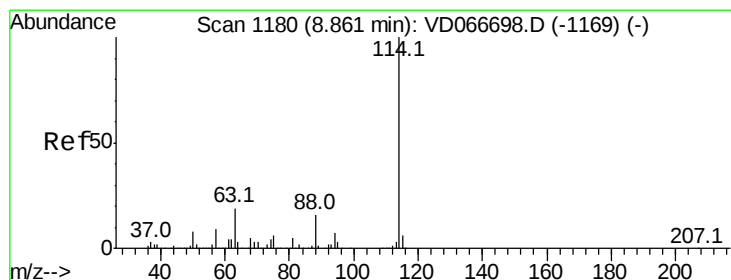
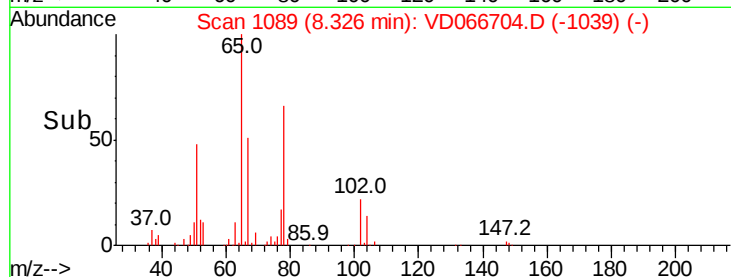
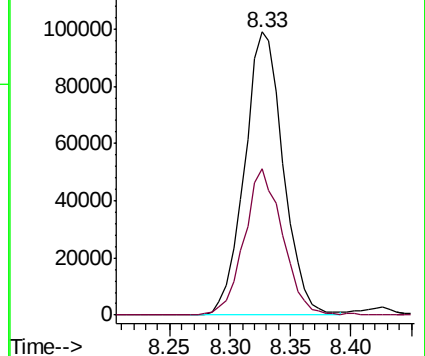
65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

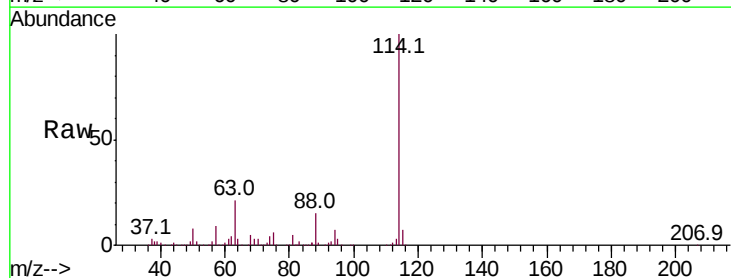
Tgt Ion: 114 Resp: 675193

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.6

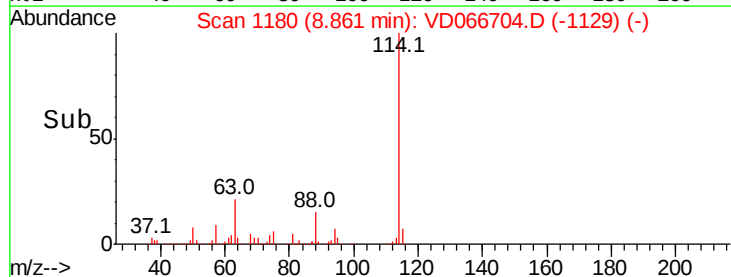
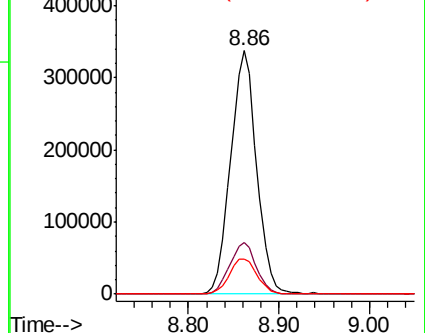
88 14.5 0.0 32.2

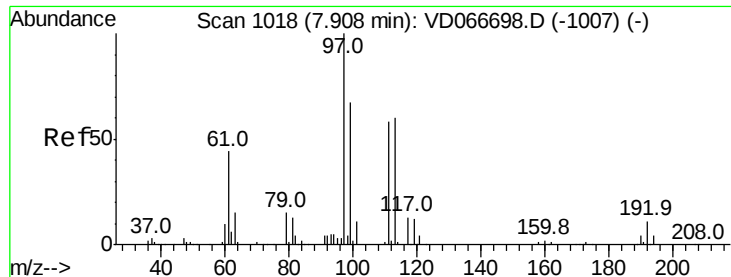


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.857 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

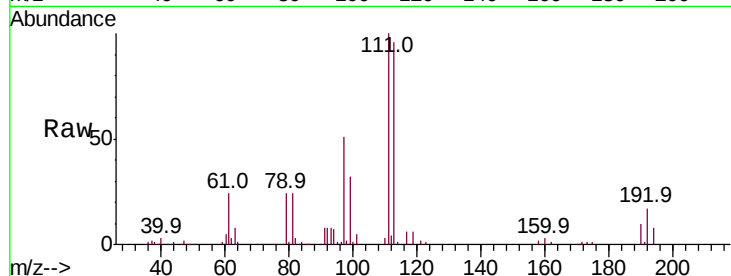
Tot Ion:113 Resp: 210525

Ion Ratio Lower Upper

113 100

111 105.7 83.2 124.8

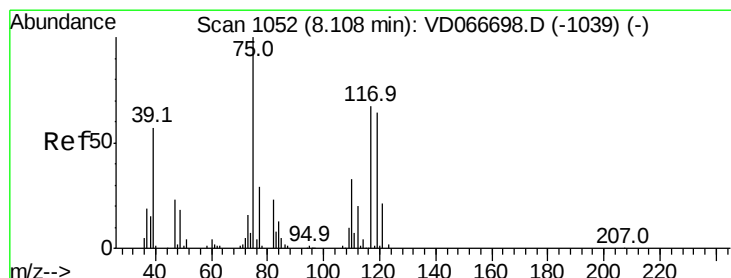
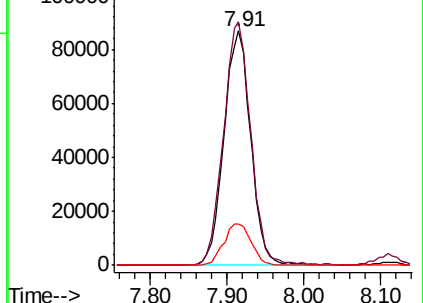
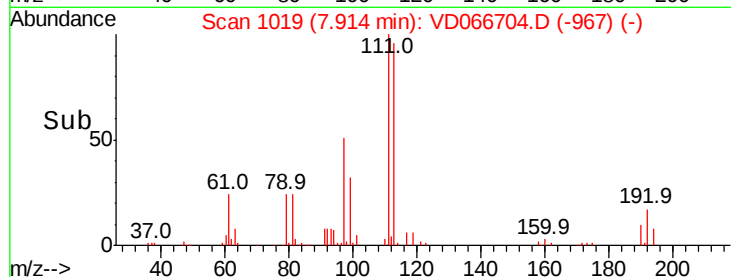
192 18.0 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.325 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

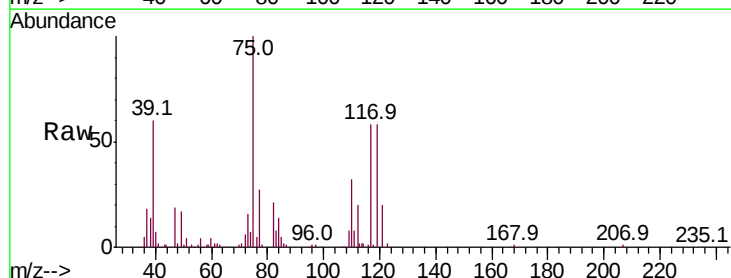
Tgt Ion: 75 Resp: 134151

Ion Ratio Lower Upper

75 100

110 35.7 17.1 51.2

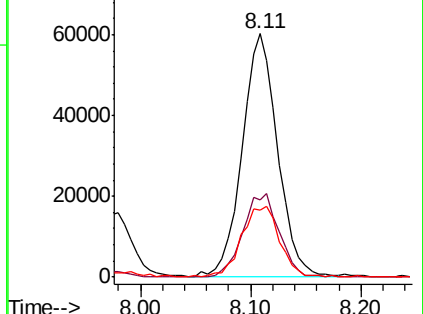
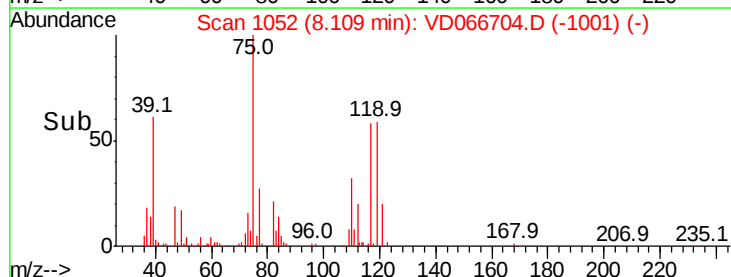
77 31.7 25.0 37.6

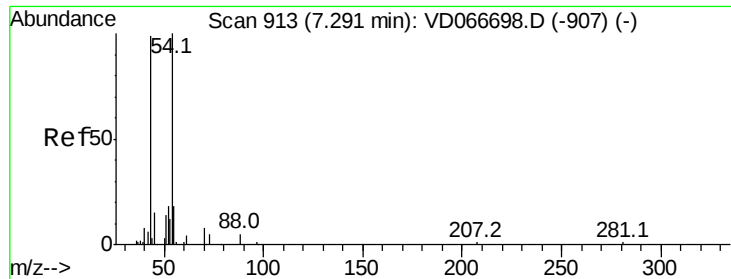


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

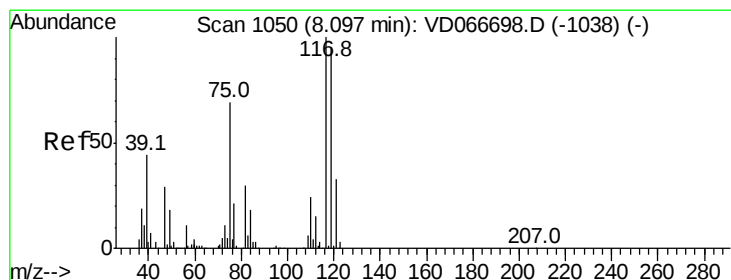
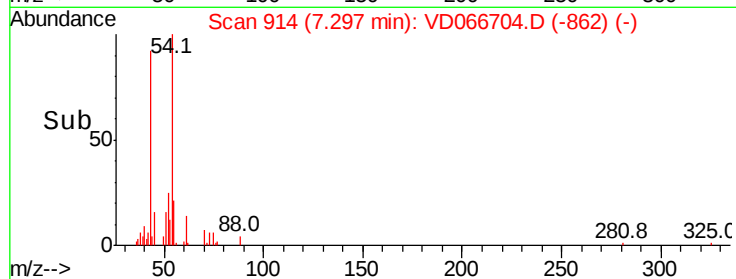
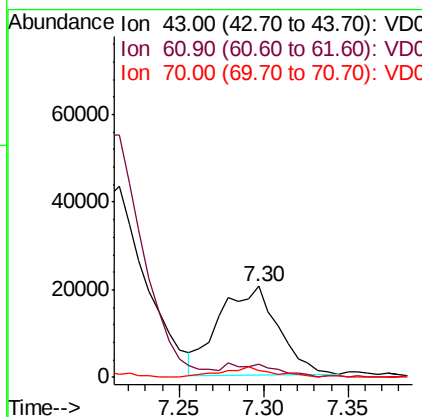
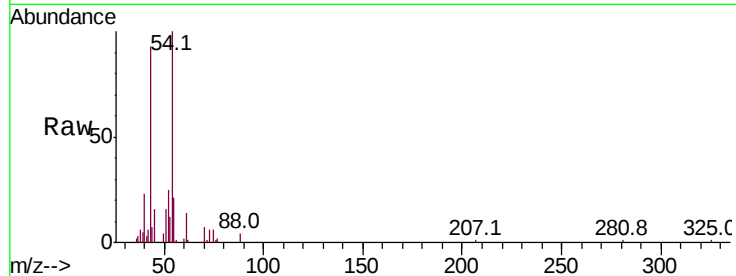




#37
Ethyl Acetate
Concen: 18.796 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

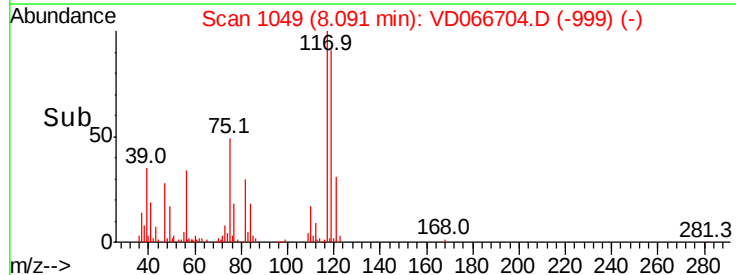
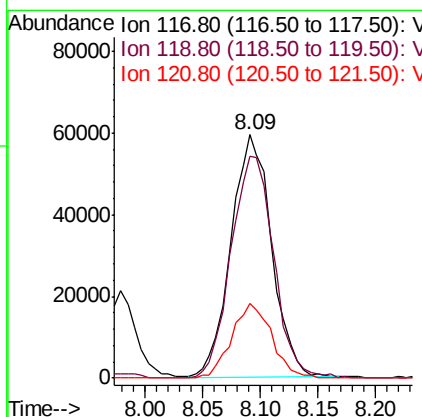
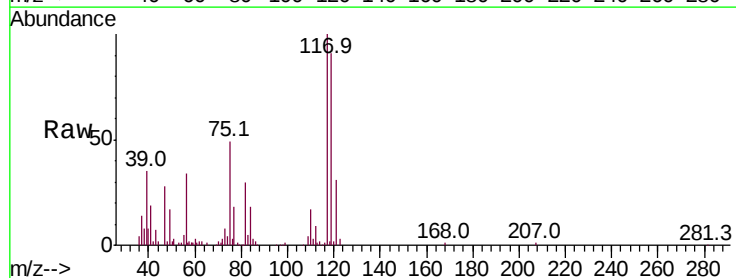
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

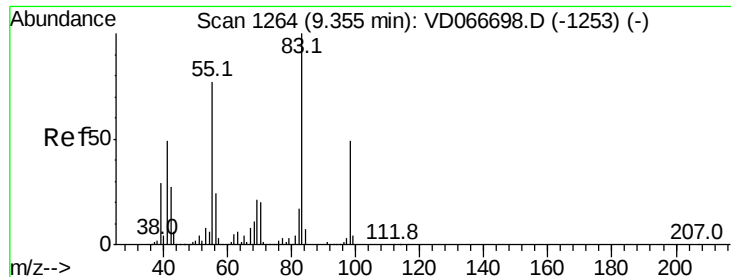
Tot Ion: 43 Resp: 49396
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 10.7 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.640 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 117 Resp: 144789
Ion Ratio Lower Upper
117 100
119 91.2 75.8 113.6
121 31.0 26.2 39.4

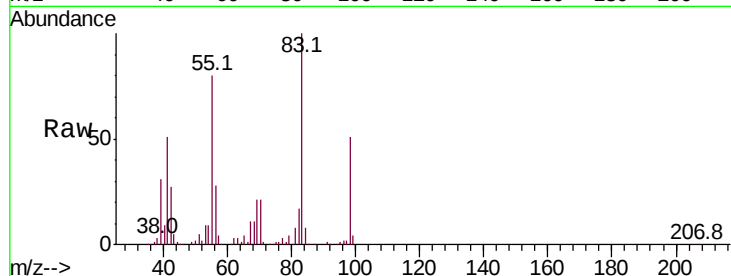




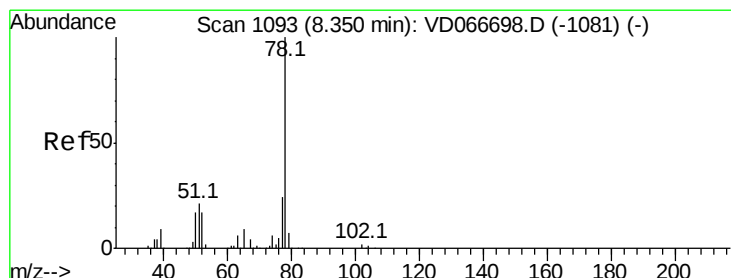
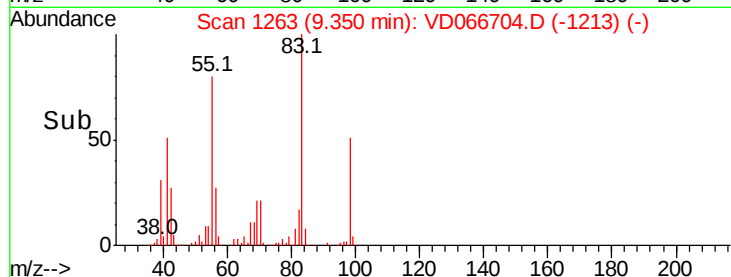
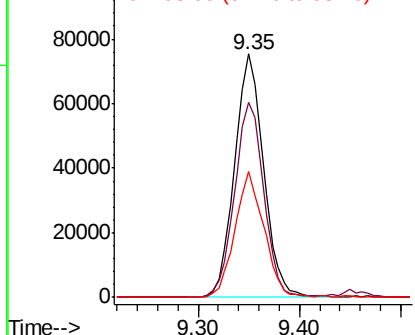
#39
Methvlcvclohexane
Concen: 18.939 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion: 83 Resp: 150385
Ion Ratio Lower Upper
83 100
55 79.9 61.5 92.3
98 51.5 39.3 58.9

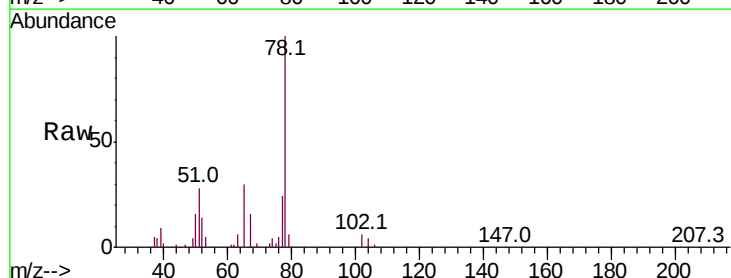


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

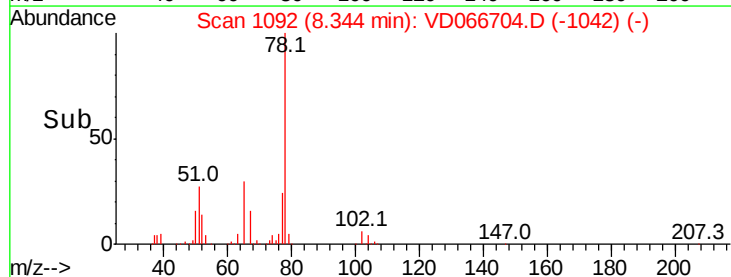
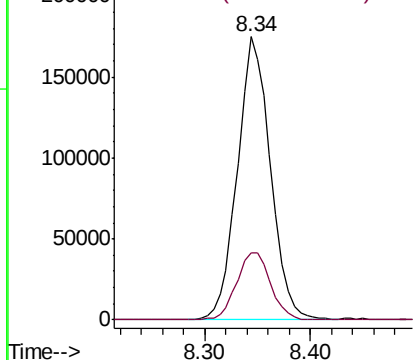


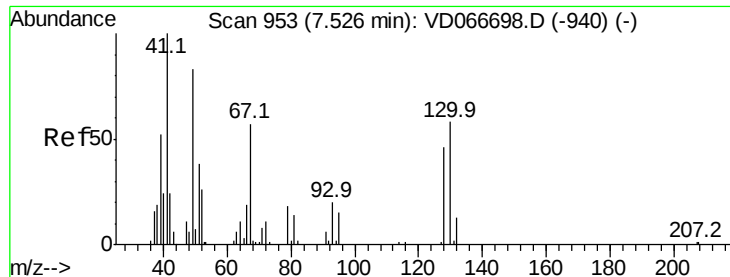
#40
Benzene
Concen: 20.154 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 78 Resp: 378512
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



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





#41

Methacrylonitrile

Concen: 20.660 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tot Ion: 41 Resp: 28744

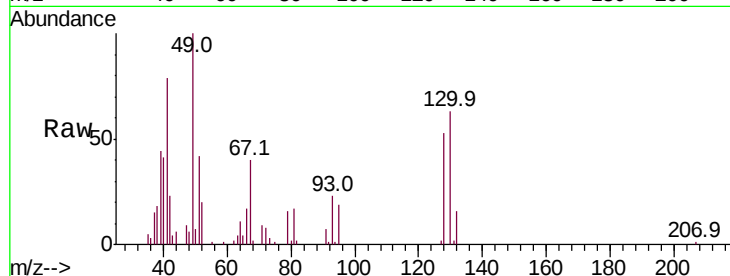
Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

67 74.1 62.3 93.5

52 33.1 28.0 42.0

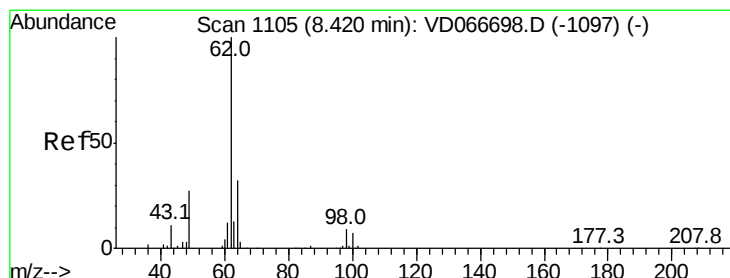
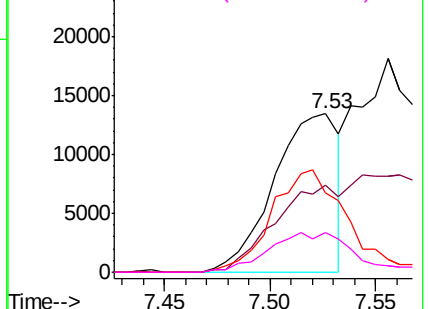
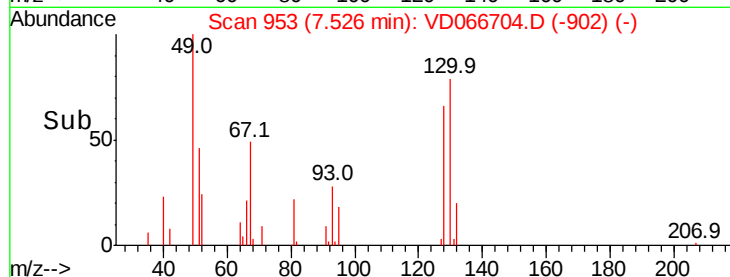


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 20.588 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066704.D

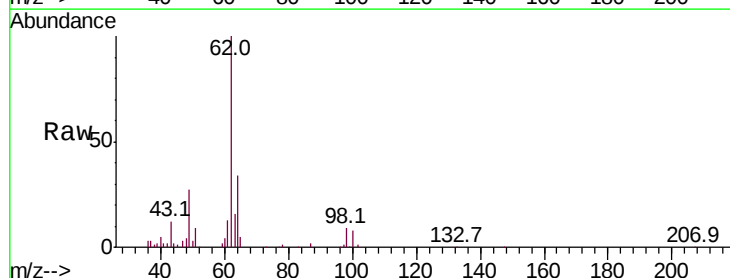
Acq: 15 Sep 2020 18:53

Tgt Ion: 62 Resp: 119793

Ion Ratio Lower Upper

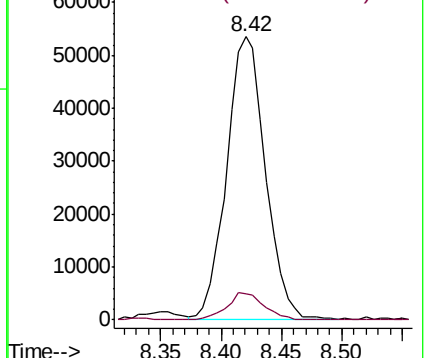
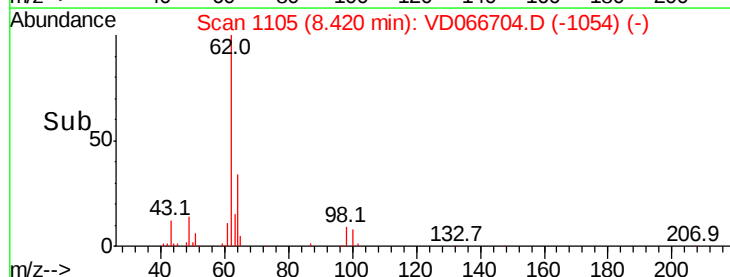
62 100

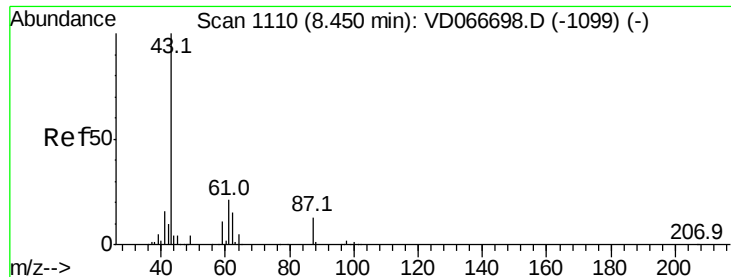
98 9.1 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.643 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

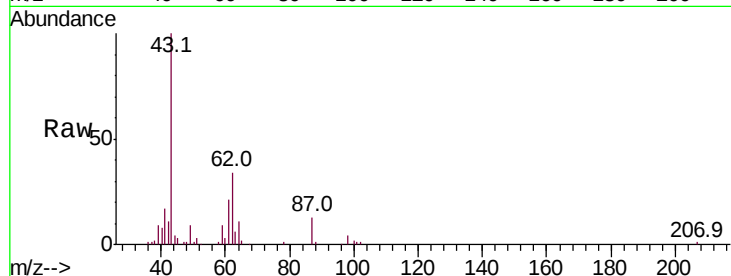
Tot Ion: 43 Resp: 97164

Ion Ratio Lower Upper

43 100

61 29.4 24.8 37.2

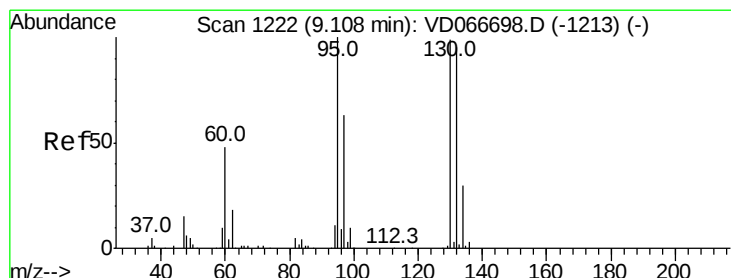
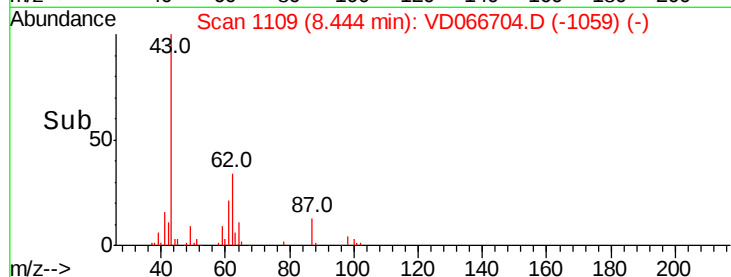
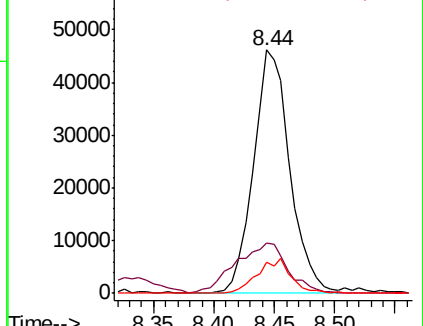
87 13.2 10.4 15.6



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: 19.954 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066704.D

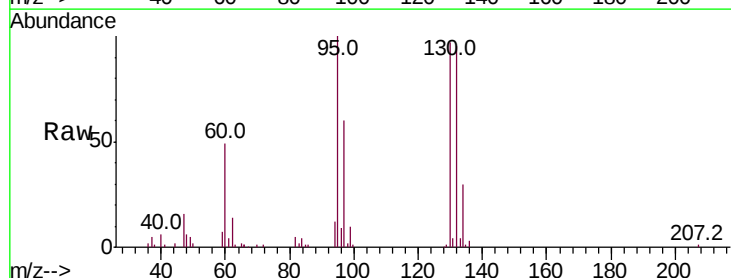
Acq: 15 Sep 2020 18:53

Tgt Ion:130 Resp: 100200

Ion Ratio Lower Upper

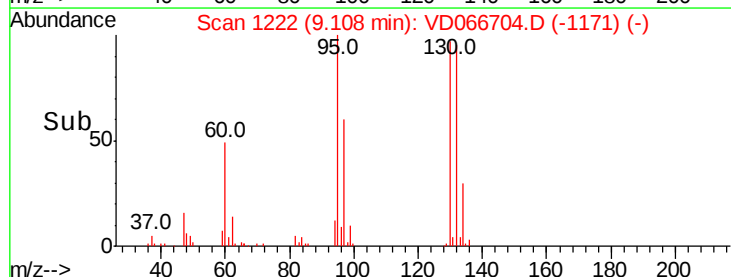
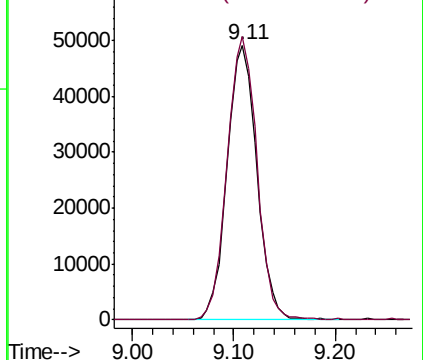
130 100

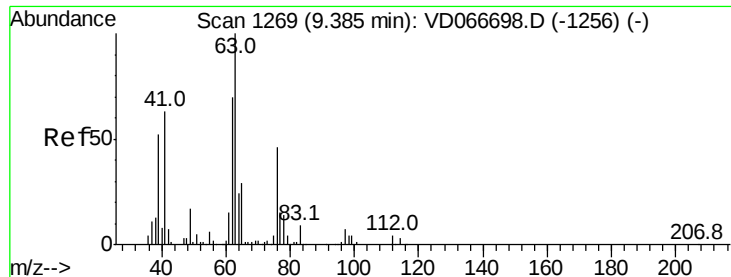
95 103.0 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.749 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

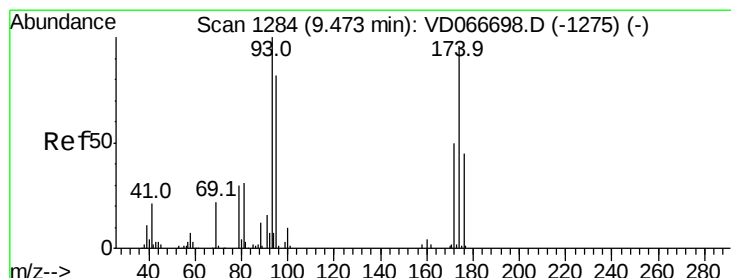
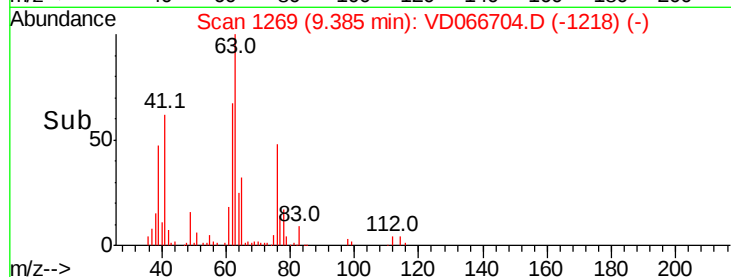
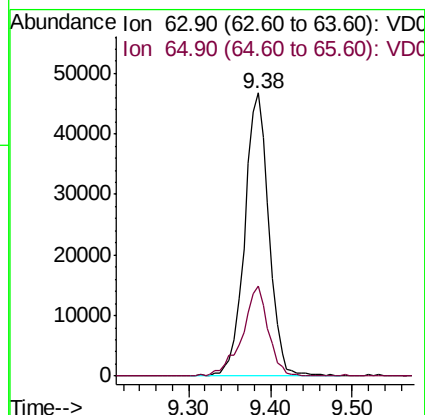
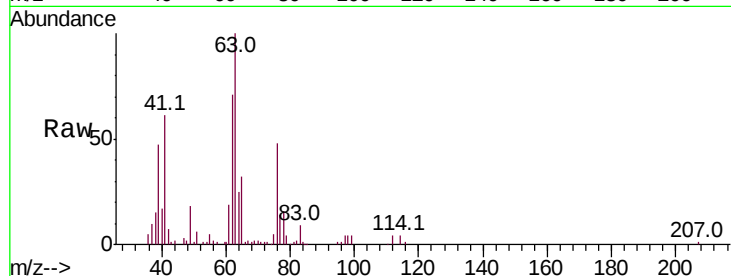
VD0915SBS01

Tot Ion: 63 Resp: 96337

Ion Ratio Lower Upper

63 100

65 31.8 23.4 35.0



#46

Dibromomethane

Concen: 19.474 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

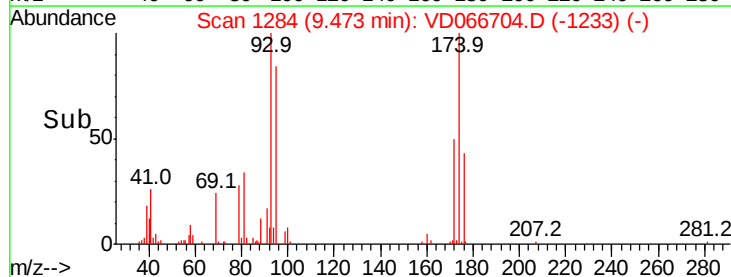
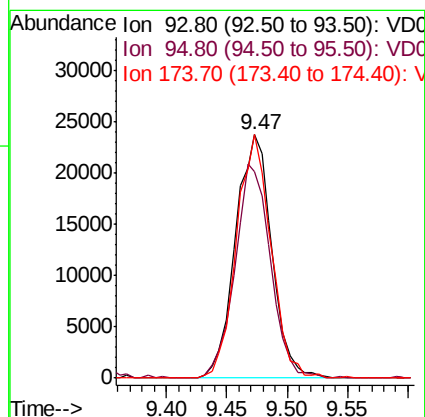
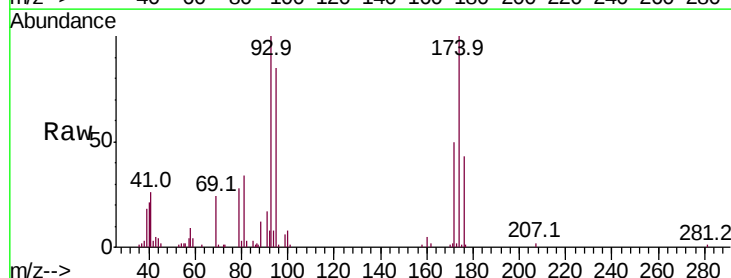
Tgt Ion: 93 Resp: 49685

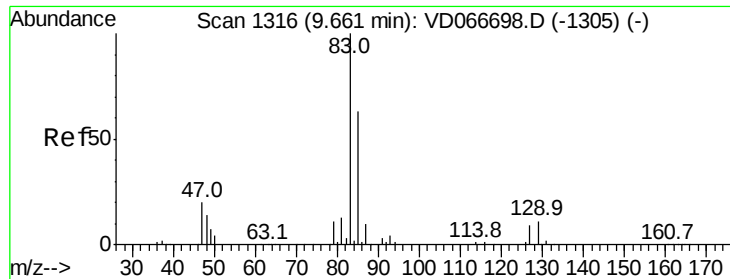
Ion Ratio Lower Upper

93 100

95 86.0 66.0 99.0

174 95.3 72.3 108.5





#47

Bromodichloromethane

Concen: 20.322 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

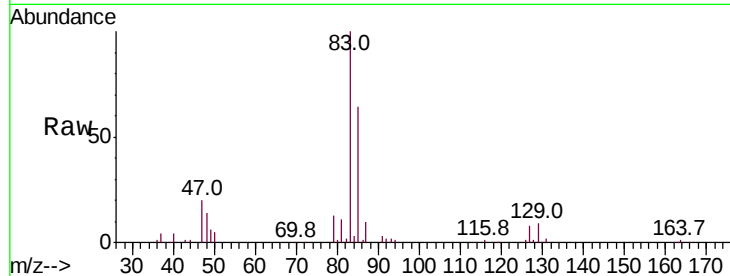
Tot Ion: 83 Resp: 141279

Ion Ratio Lower Upper

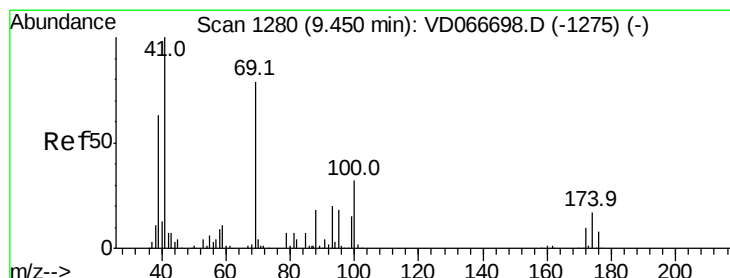
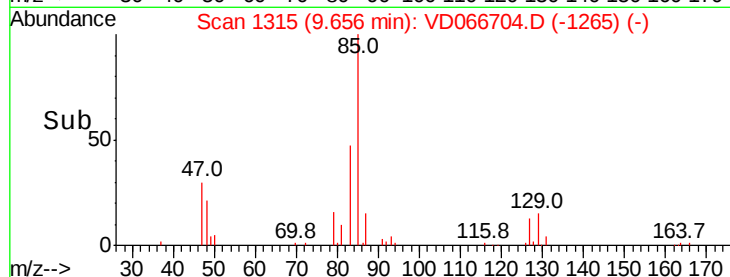
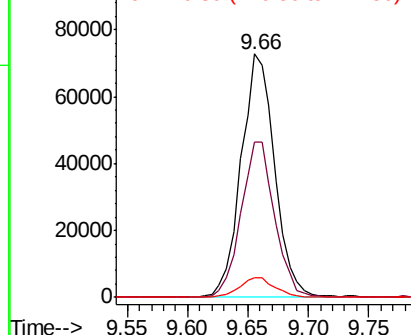
83 100

85 63.7 50.1 75.1

127 8.0 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: 19.255 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

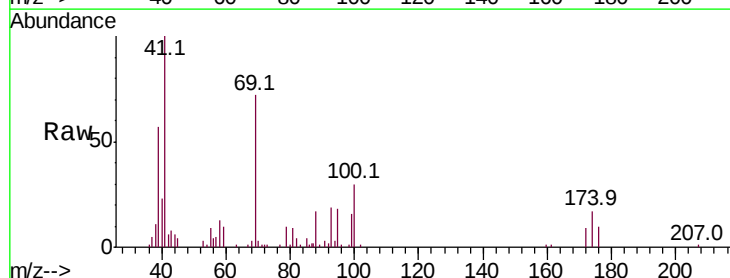
Tgt Ion: 41 Resp: 48446

Ion Ratio Lower Upper

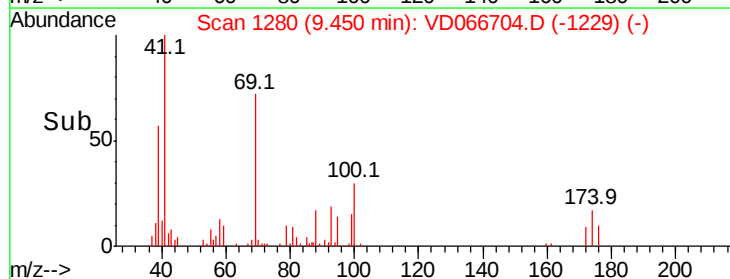
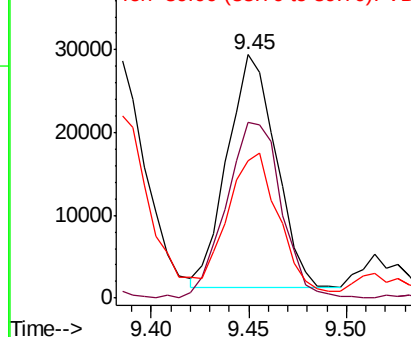
41 100

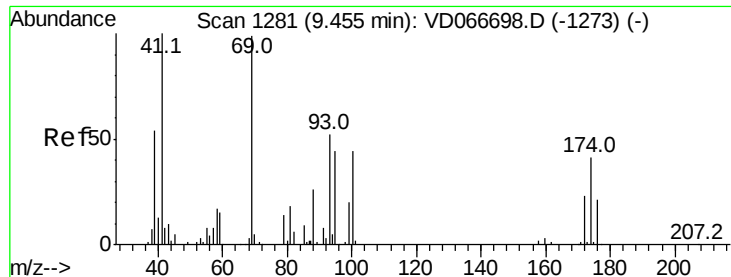
69 85.9 62.4 93.6

39 60.8 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: 420.643 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

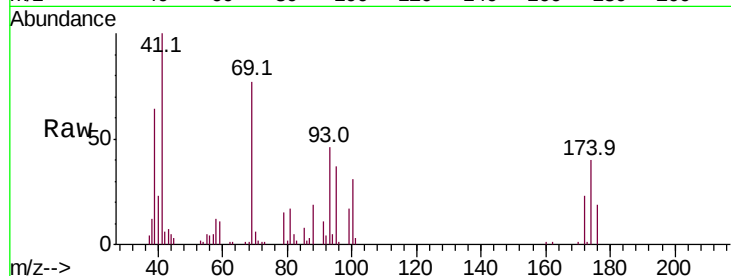
Tot Ion: 88 Resp: 11496

Ion Ratio Lower Upper

88 100

43 43.5 29.3 43.9

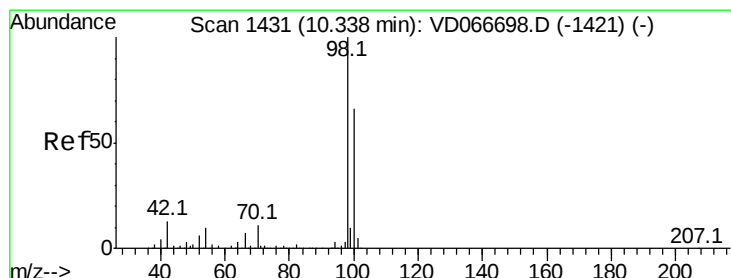
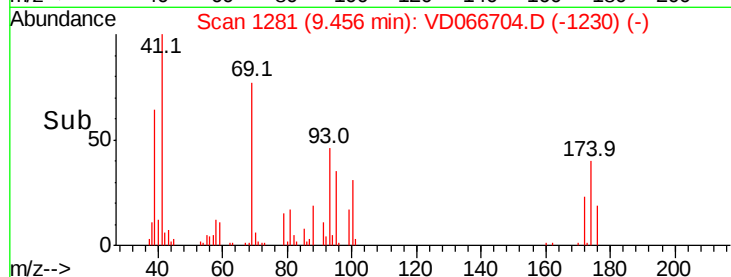
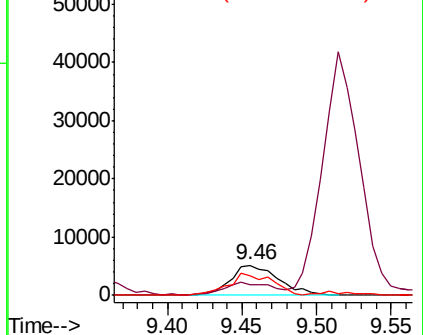
58 67.9 51.4 77.2



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: 51.774 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066704.D

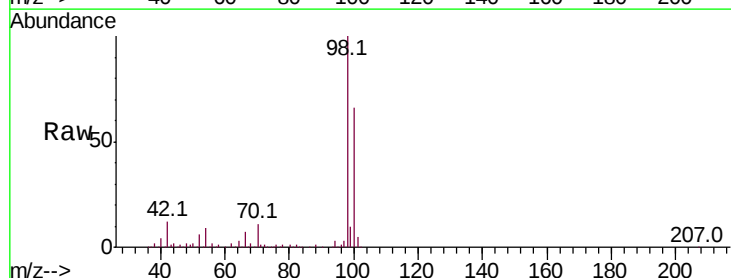
Acq: 15 Sep 2020 18:53

Tgt Ion: 98 Resp: 763585

Ion Ratio Lower Upper

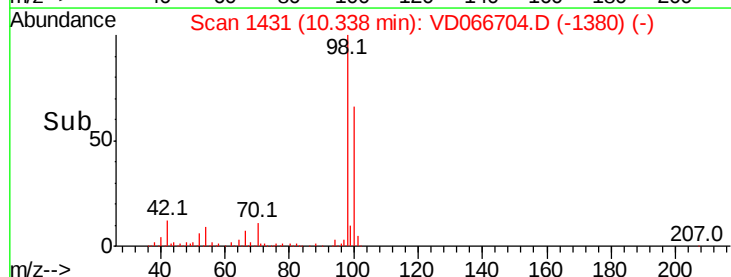
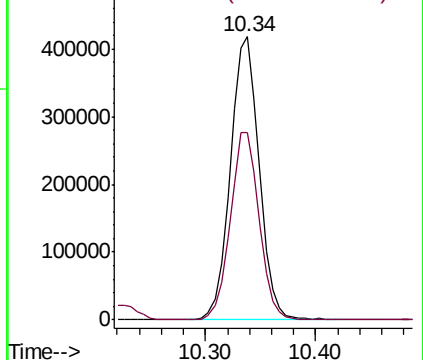
98 100

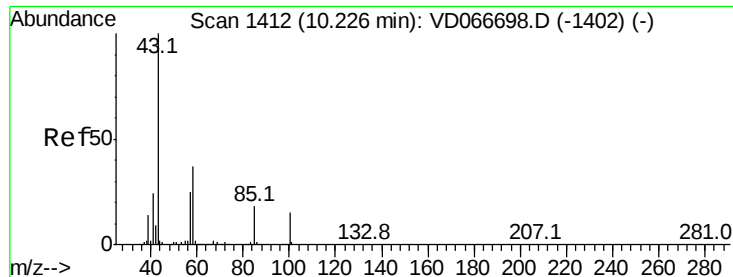
100 66.7 52.7 79.1



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: 100.591 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

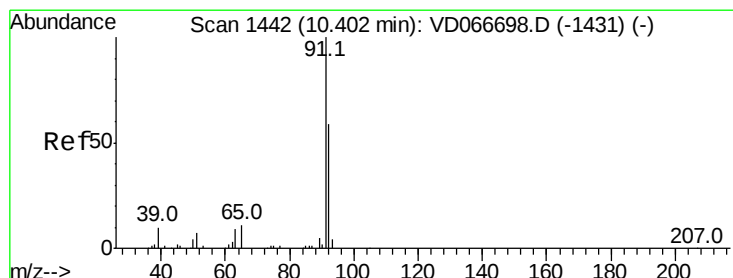
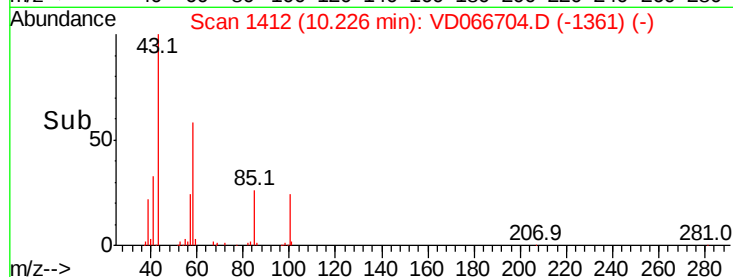
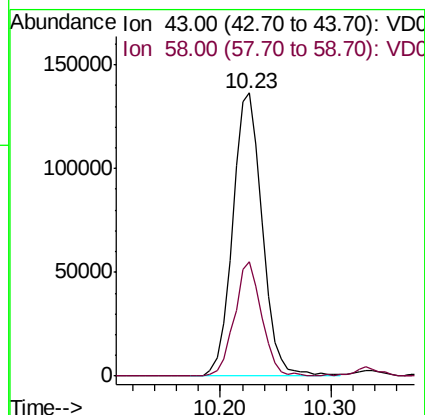
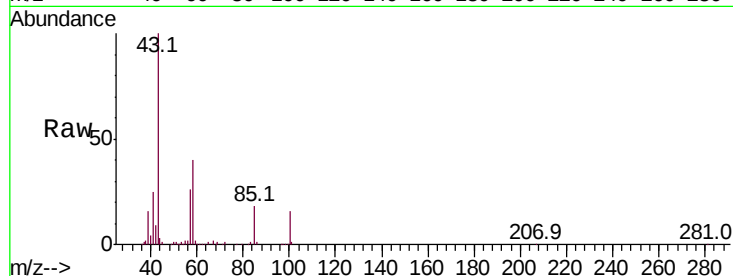
VD0915SBS01

Tot Ion: 43 Resp: 256171

Ion Ratio Lower Upper

43 100

58 37.5 30.4 45.6



#52

Toluene

Concen: 19.974 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066704.D

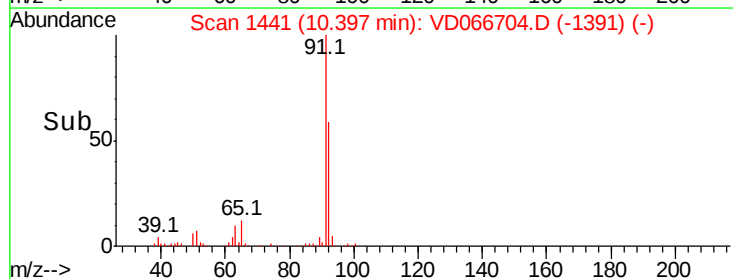
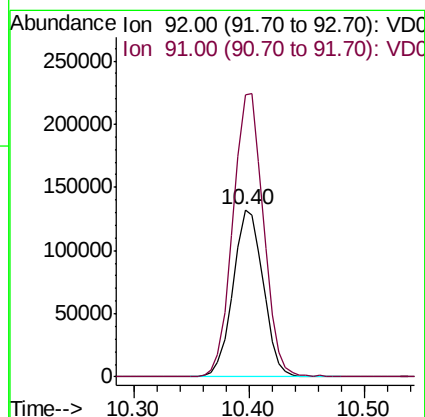
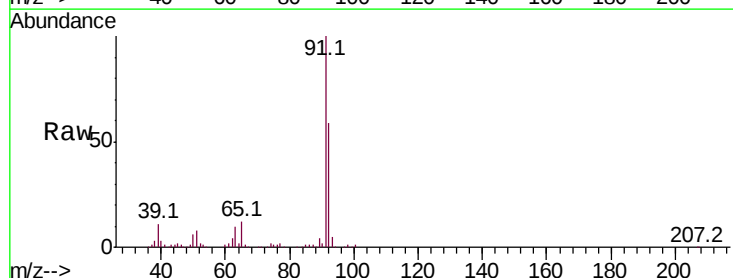
Acq: 15 Sep 2020 18:53

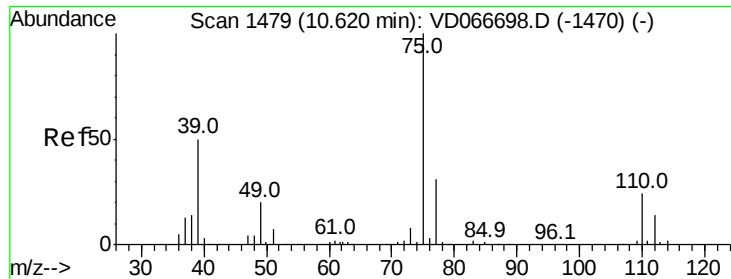
Tgt Ion: 92 Resp: 240309

Ion Ratio Lower Upper

92 100

91 172.1 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 20.105 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

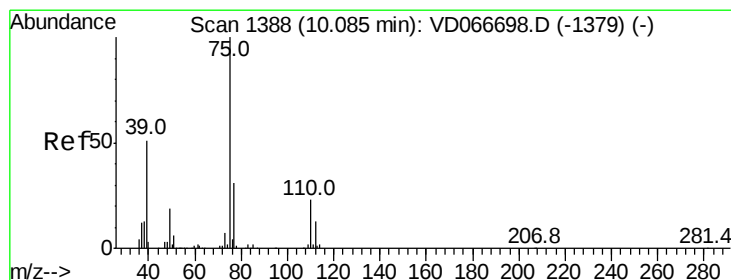
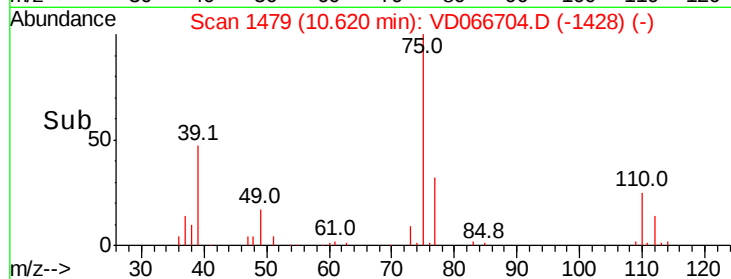
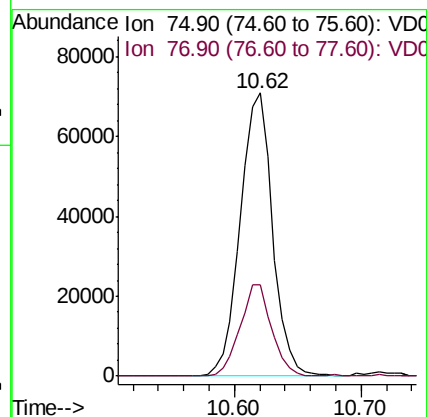
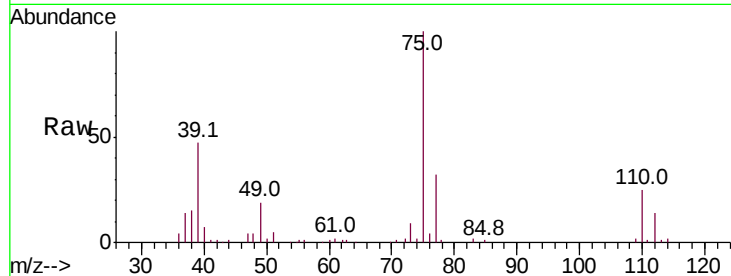
VD0915SBS01

Tot Ion: 75 Resp: 124861

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.859 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

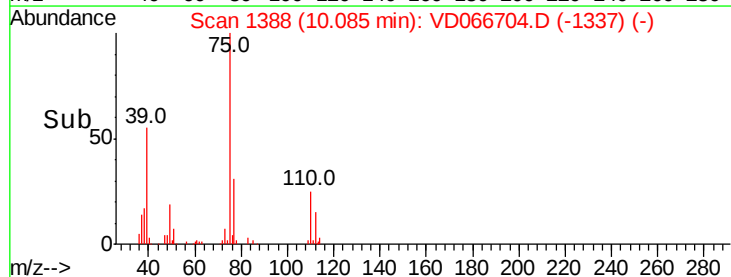
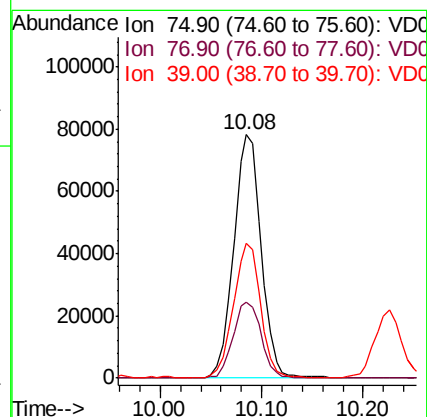
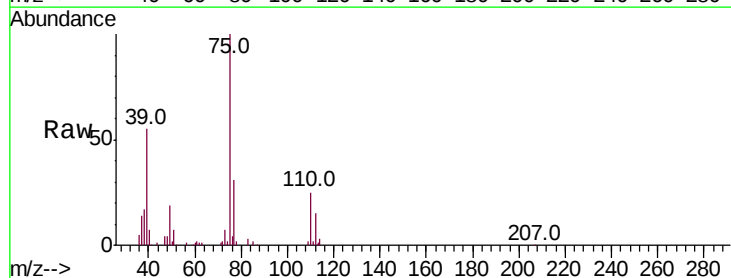
Tgt Ion: 75 Resp: 146495

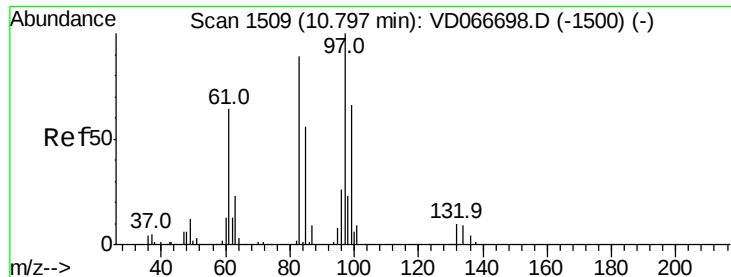
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 55.0 40.6 61.0



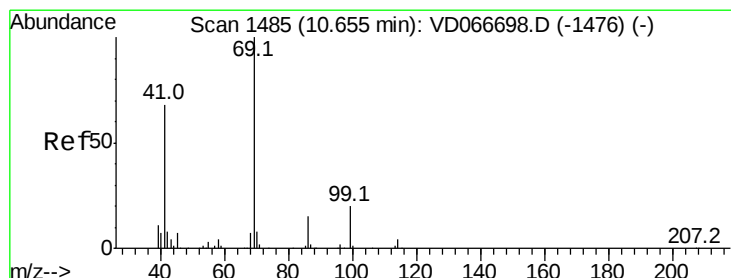
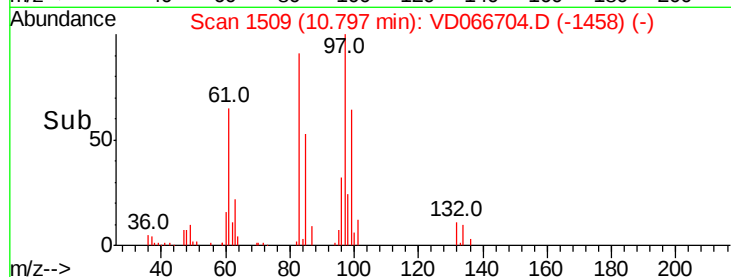
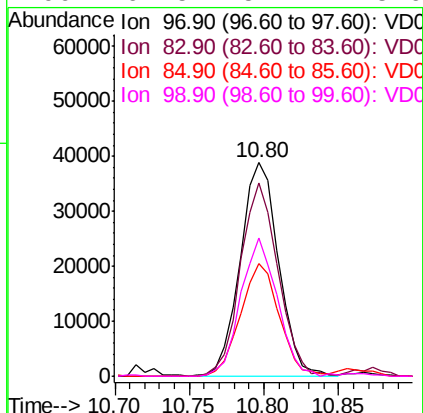
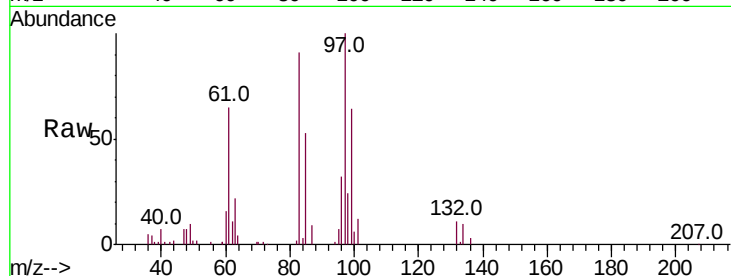


#55
 1,1,2-Trichloroethane
 Concen: 20.581 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBSD01

Tot Ion: 97 Resp: 69232

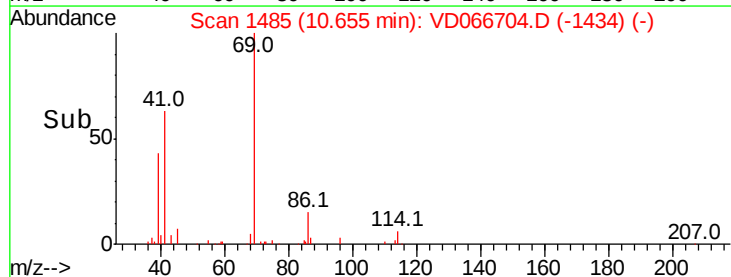
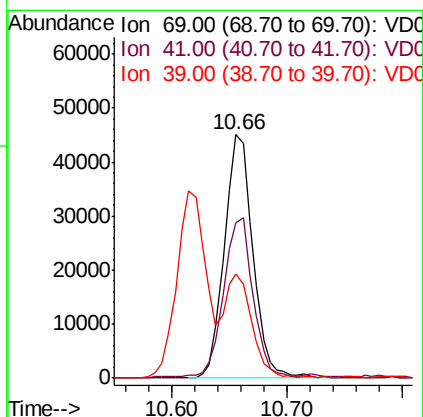
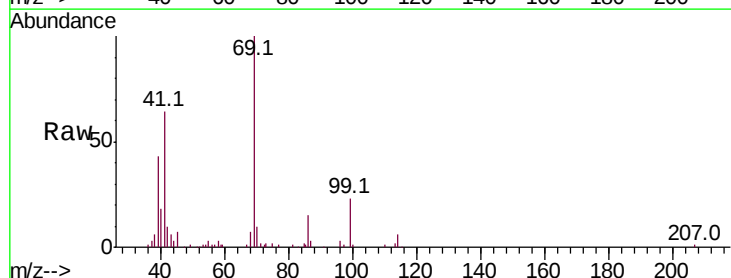
Ion	Ratio	Lower	Upper
97	100		
83	90.6	71.4	107.2
85	52.6	44.7	67.1
99	64.5	52.4	78.6

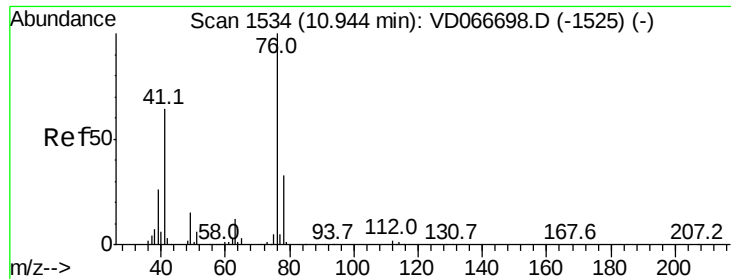


#56
 Ethyl methacrylate
 Concen: 20.204 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

Tgt Ion: 69 Resp: 77125

Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.5	83.3
39	40.5	29.7	44.5





#57

1,3-Dichloropropane

Concen: 20.165 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

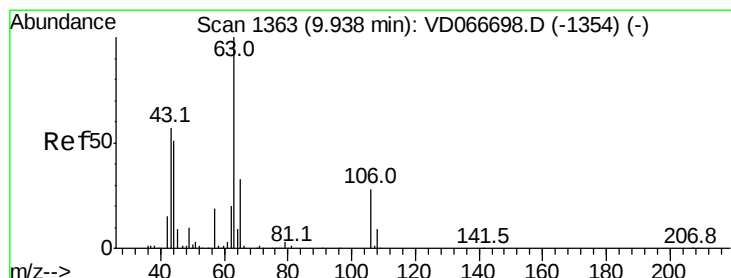
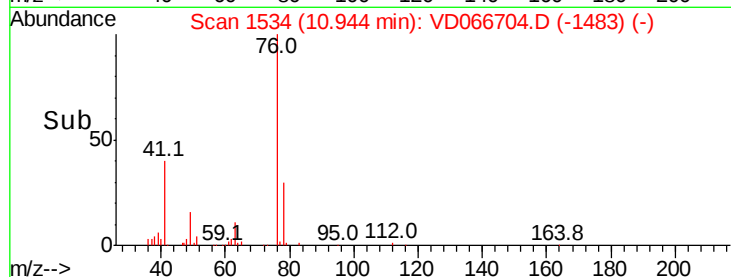
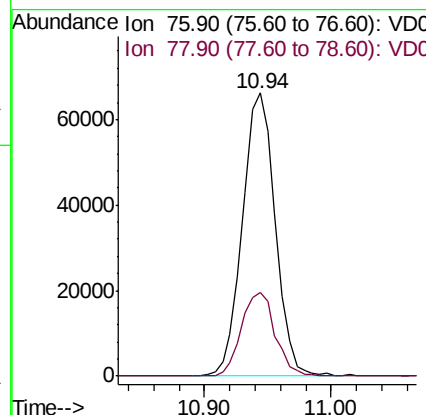
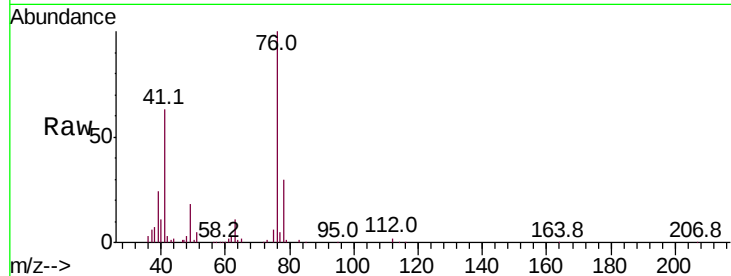
Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion: 76 Resp: 119037

Ion	Ratio	Lower	Upper
76	100		
78	30.6	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 113.475 ug/l

RT: 9.94 min Scan# 1363

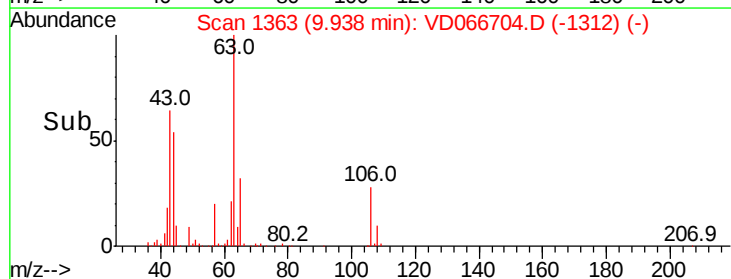
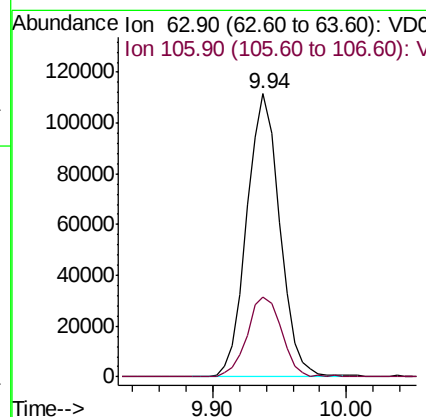
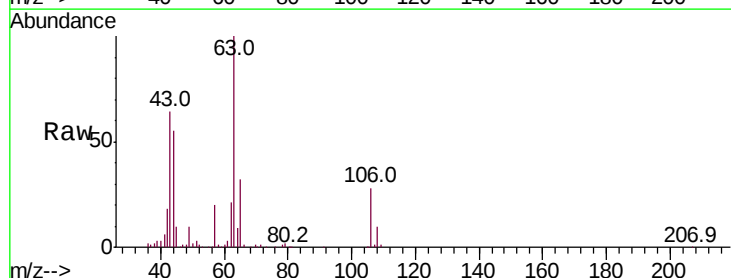
Delta R.T. 0.00 min

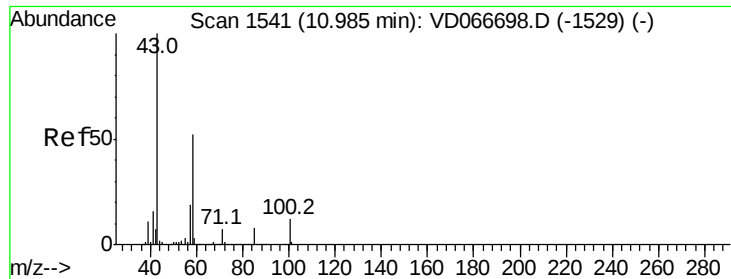
Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Tgt Ion: 63 Resp: 190244

Ion	Ratio	Lower	Upper
63	100		
106	29.5	22.2	33.4

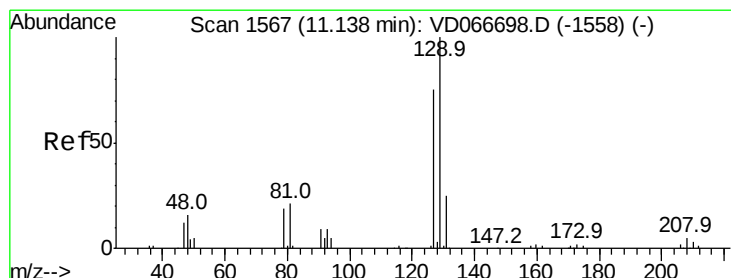
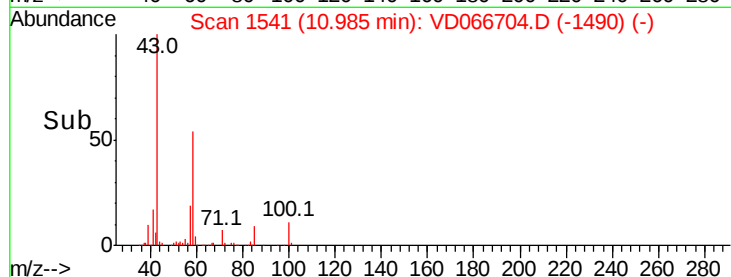
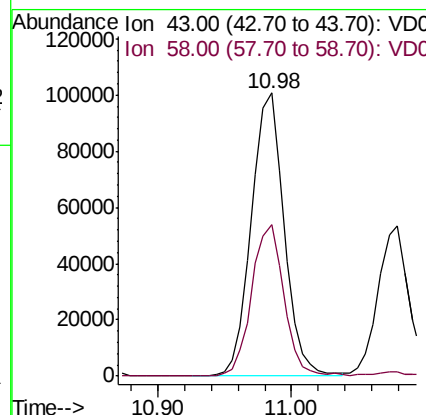
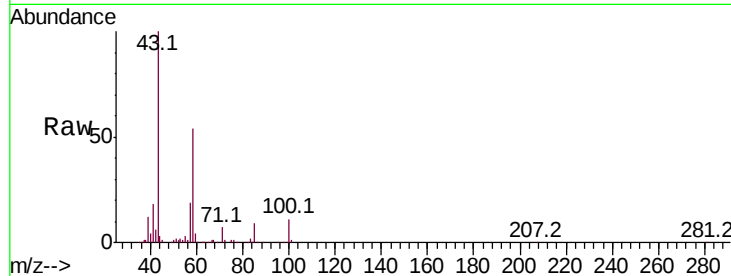




#59
2-Hexanone
Concen: 99.682 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

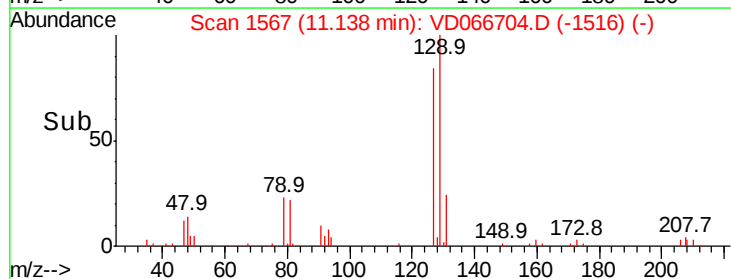
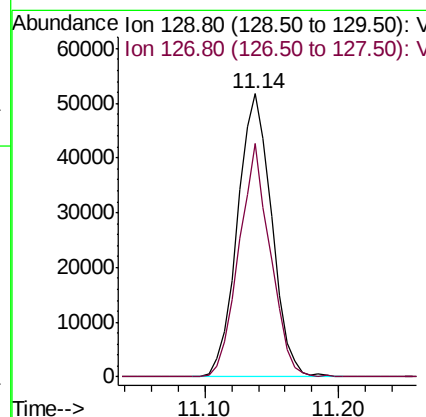
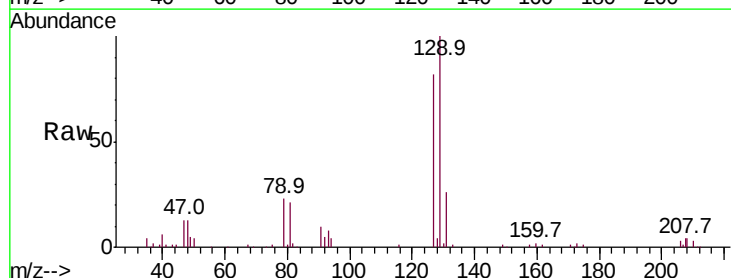
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

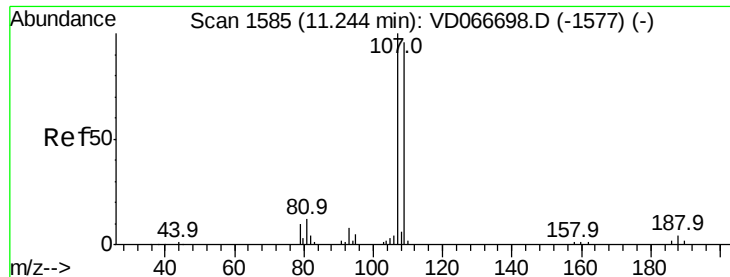
Tot Ion: 43 Resp: 170569
Ion Ratio Lower Upper
43 100
58 52.7 26.2 78.5



#60
Dibromochloromethane
Concen: 20.973 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 129 Resp: 91924
Ion Ratio Lower Upper
129 100
127 75.6 38.1 114.3

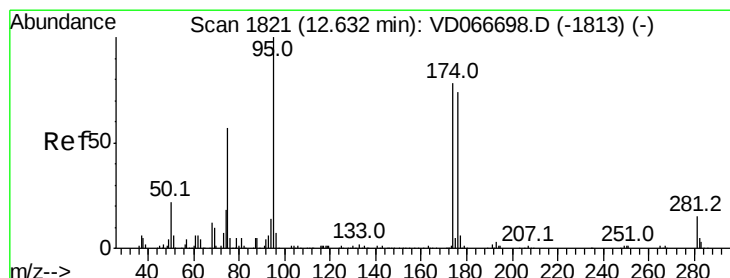
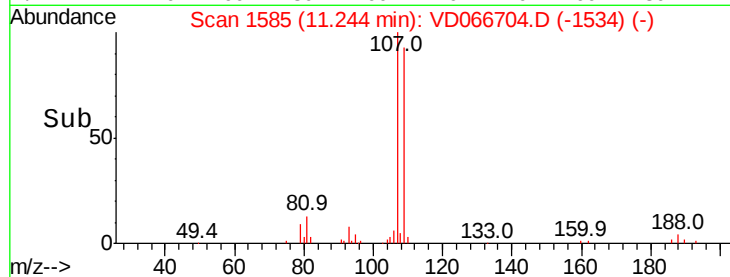
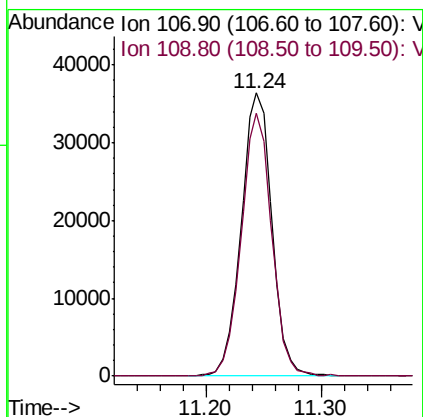
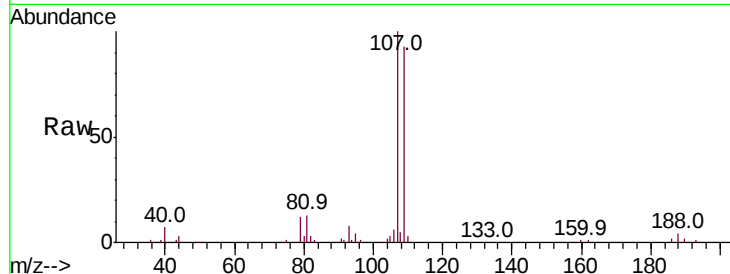




#61
 1,2-Dibromoethane
 Concen: 20.766 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

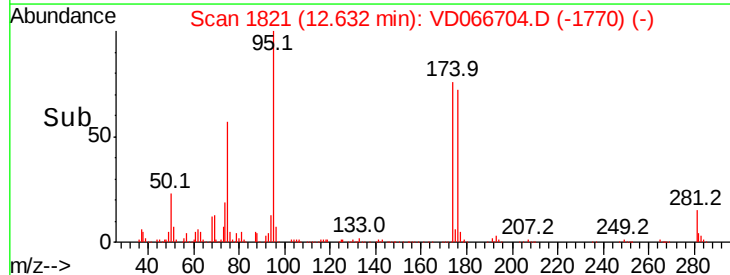
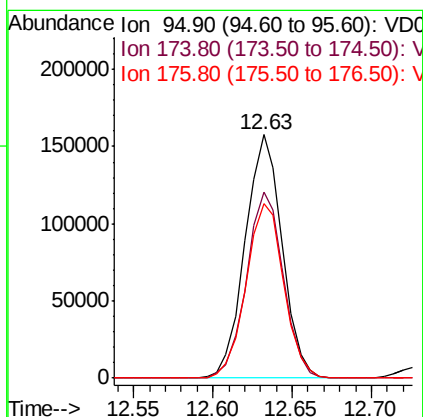
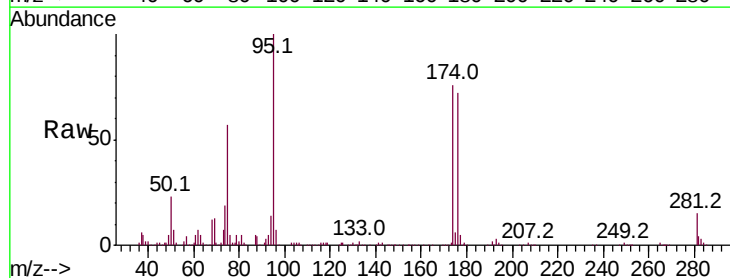
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBSD01

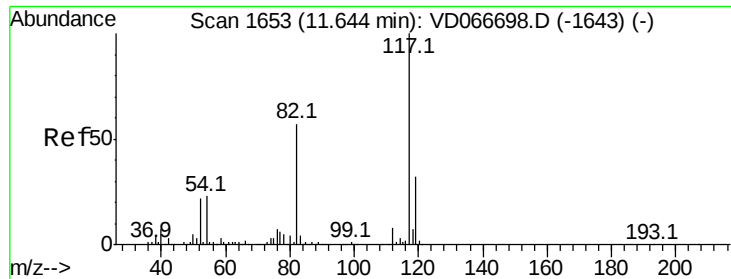
Tot Ion:107 Resp: 67007
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.084 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

Tgt Ion: 95 Resp: 254972
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 156.6
 176 73.4 0.0 150.2

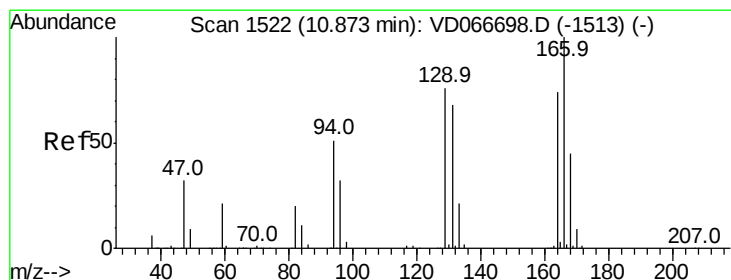
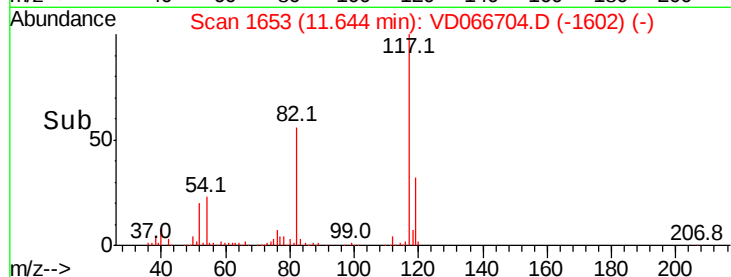
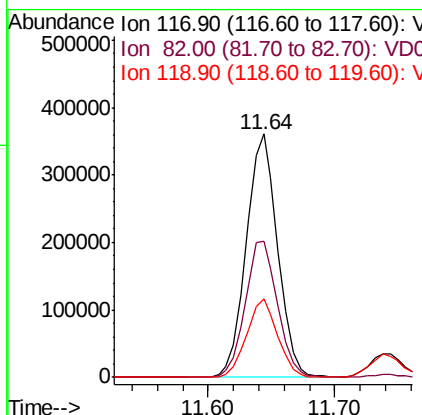
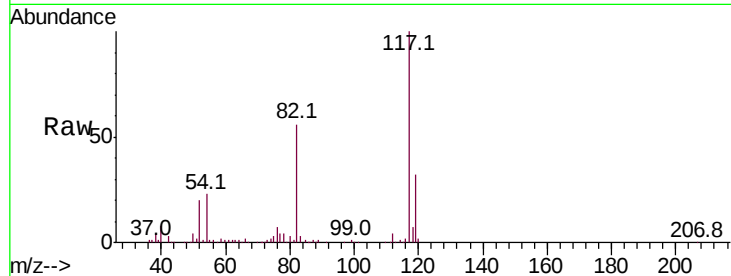




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

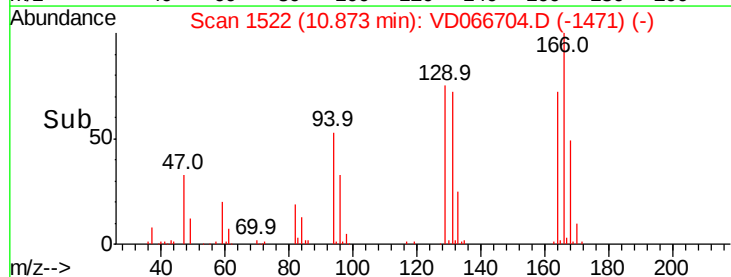
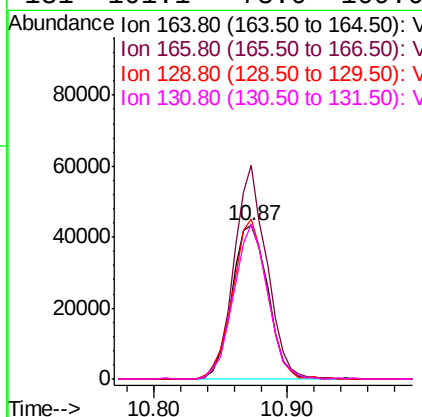
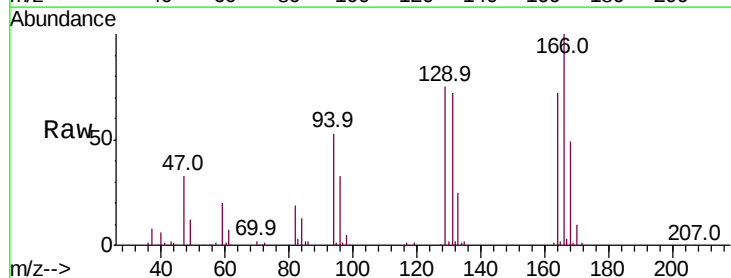
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBSD01

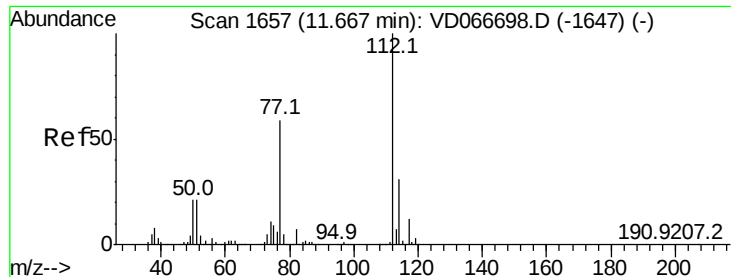
Tot Ion:117 Resp: 620500
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 19.108 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion:164 Resp: 80935
Ion Ratio Lower Upper
164 100
166 139.5 107.5 161.3
129 104.8 81.4 122.0
131 101.1 73.0 109.6

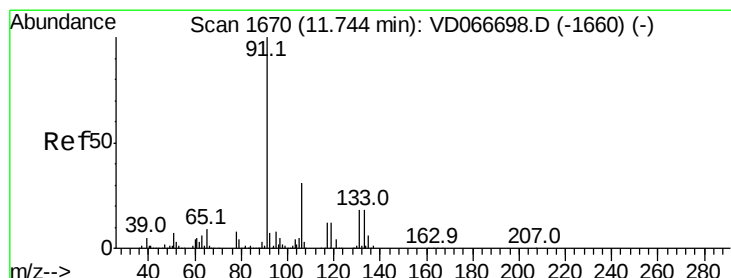
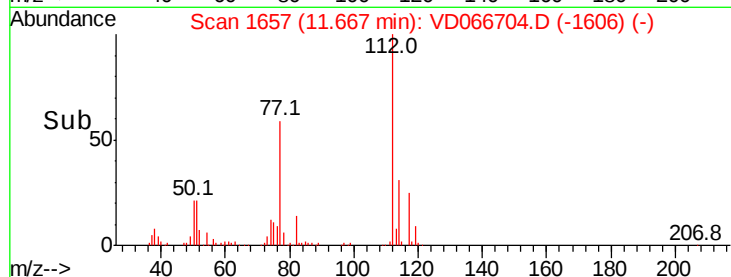
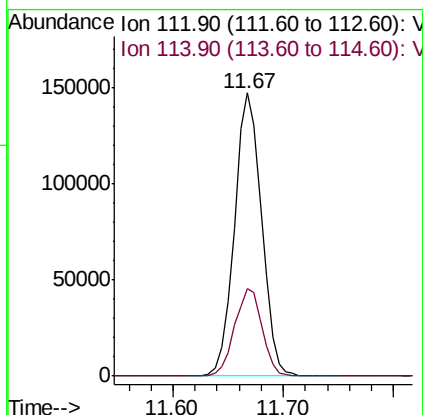
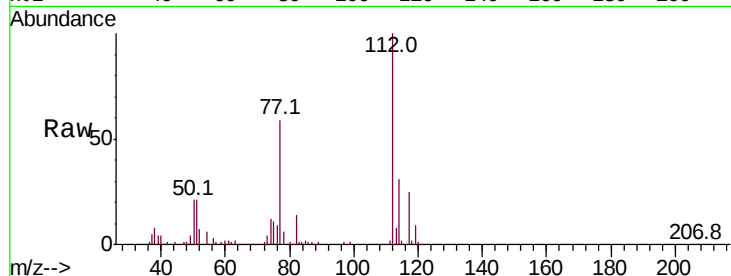




#65
Chlorobenzene
Concen: 19.701 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

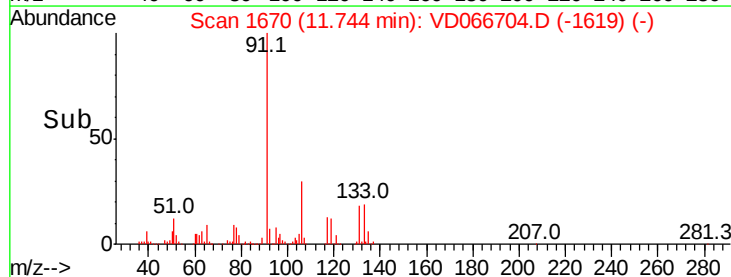
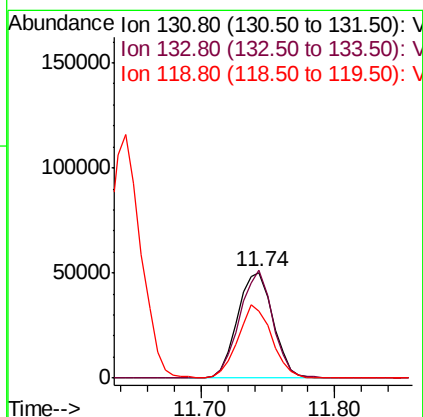
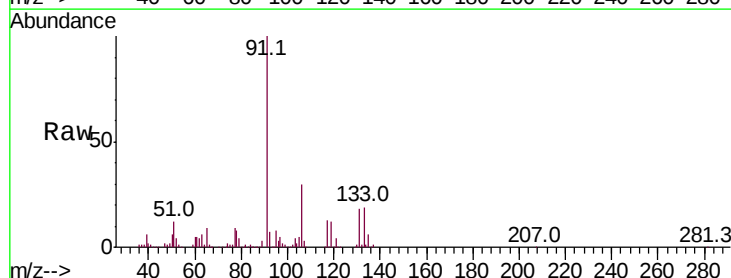
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

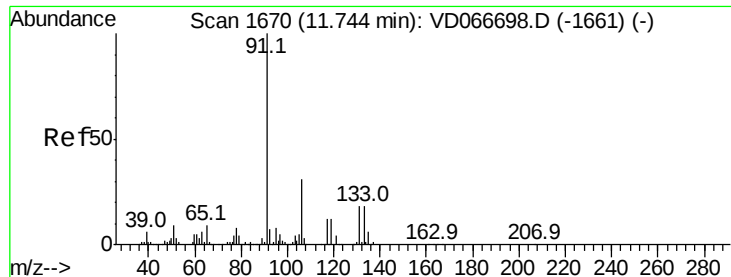
Tot Ion:112 Resp: 253101
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.636 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion:131 Resp: 93076
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 65.4 33.6 100.8





#67

Ethyl Benzene

Concen: 19.352 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

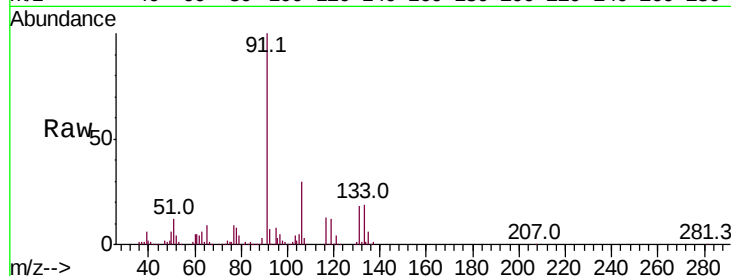
VD0915SBS01

Tot Ion: 91 Resp: 450317

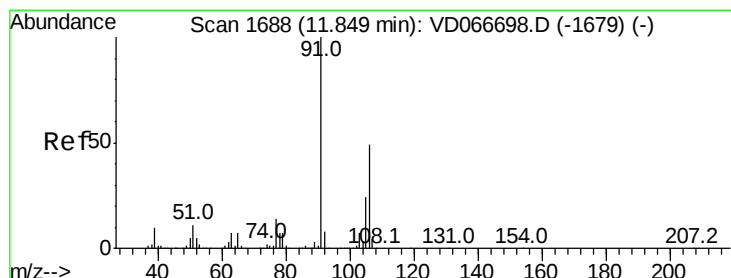
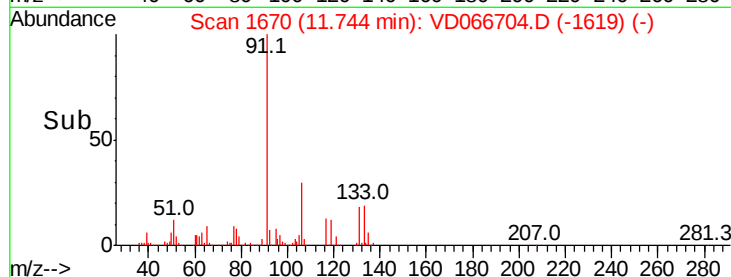
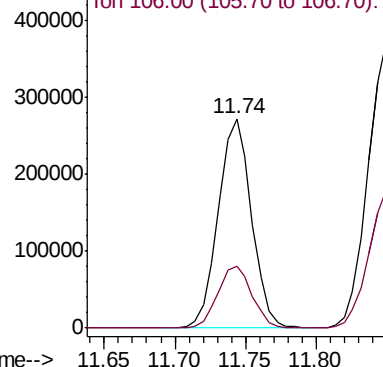
Ion Ratio Lower Upper

91 100

106 29.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VD066704.D (-1619) (-)



#68

m/p-Xylenes

Concen: 38.940 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066704.D

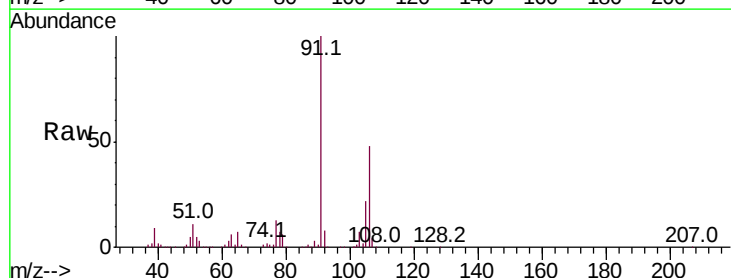
Acq: 15 Sep 2020 18:53

Tgt Ion: 106 Resp: 342471

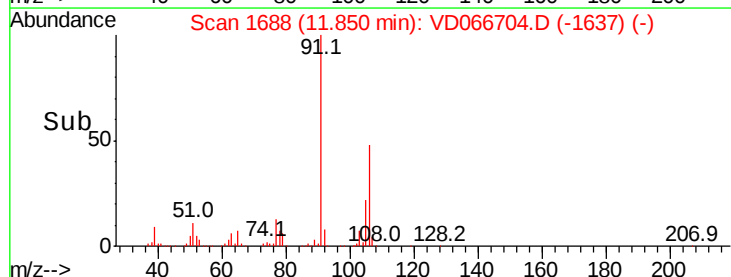
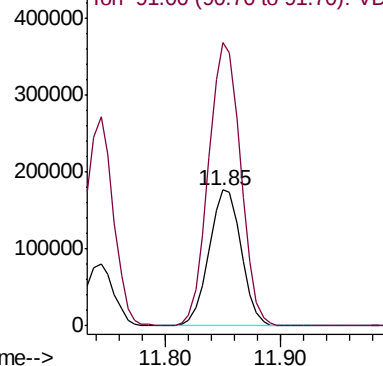
Ion Ratio Lower Upper

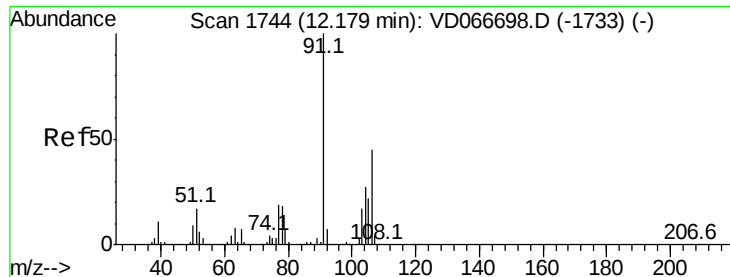
106 100

91 207.6 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): VD066704.D (-1637) (-)

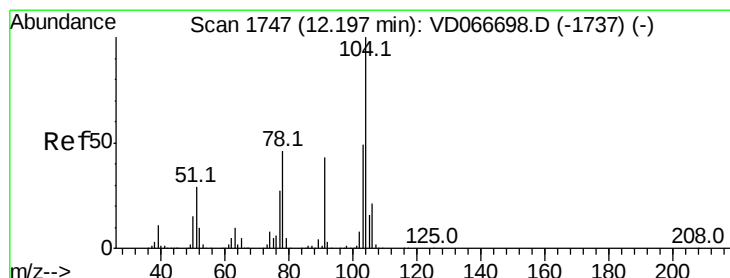
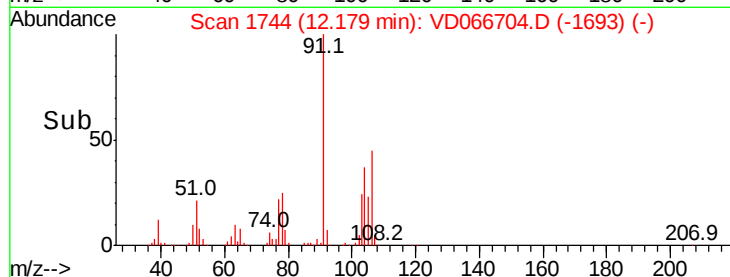
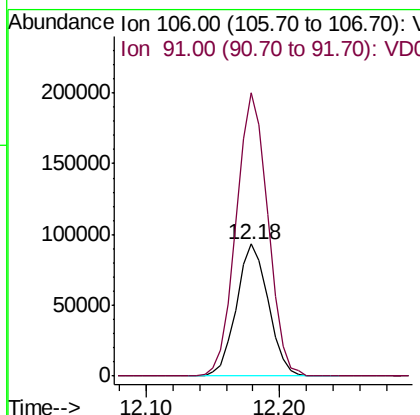
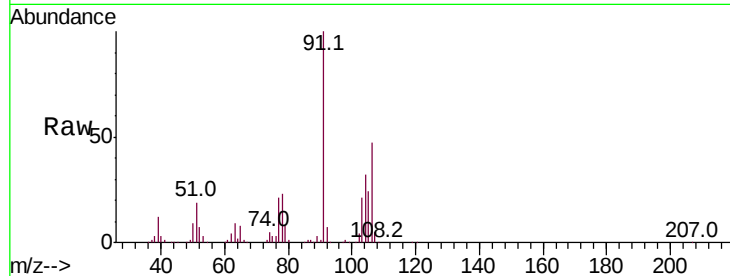




#69
o-Xylene
Concen: 19.801 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

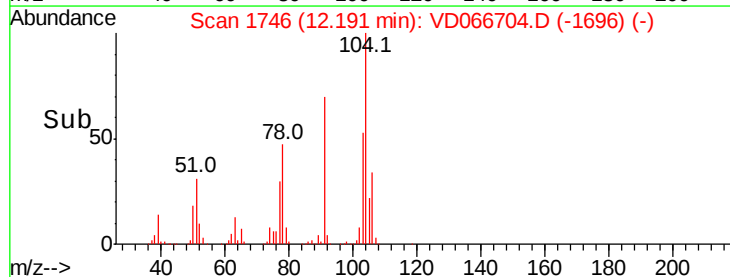
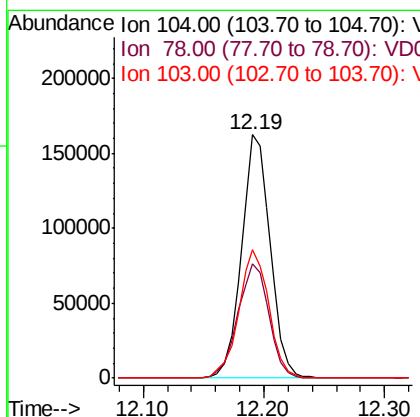
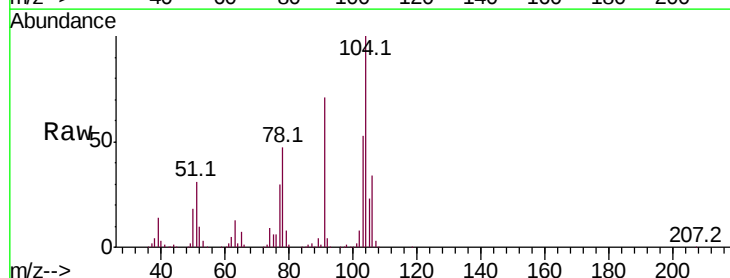
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

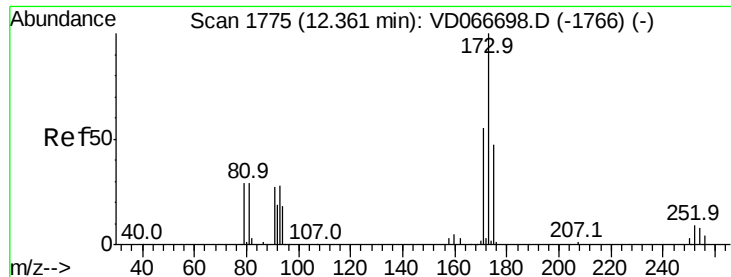
Tot Ion:106 Resp: 153890
Ion Ratio Lower Upper
106 100
91 214.6 109.4 328.2



#70
Styrene
Concen: 19.628 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion:104 Resp: 268495
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 55.5 42.5 63.7

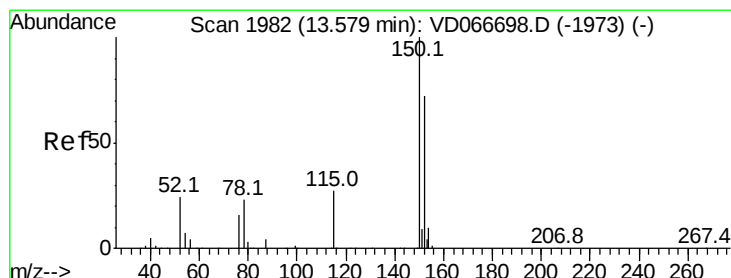
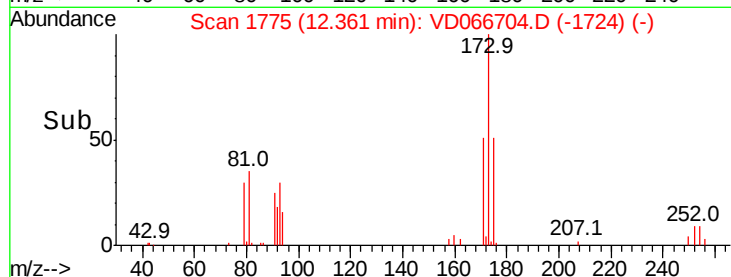
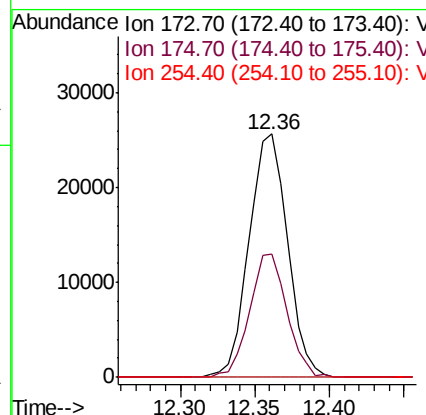
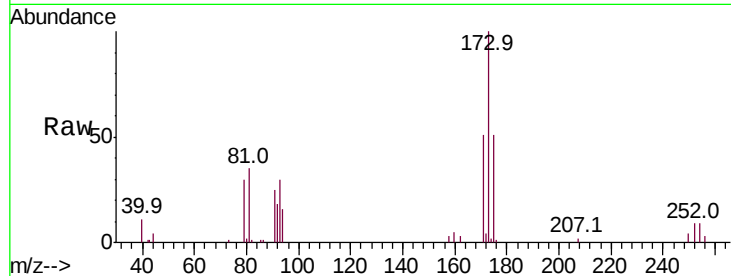




#71
Bromoform
Concen: 19.172 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

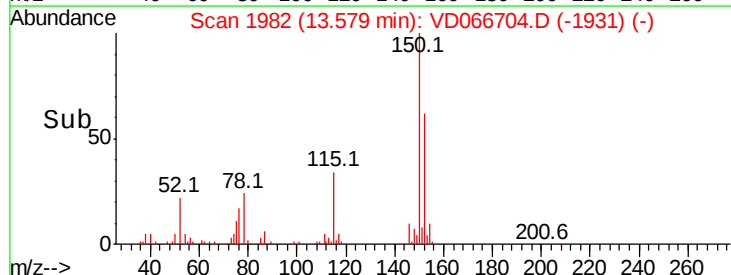
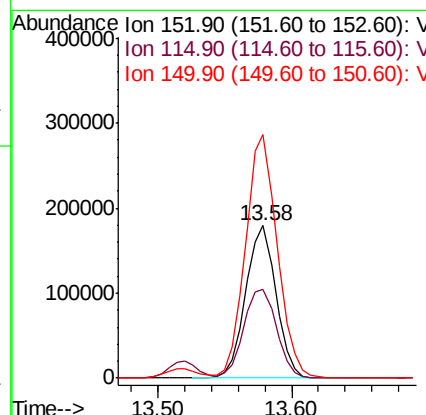
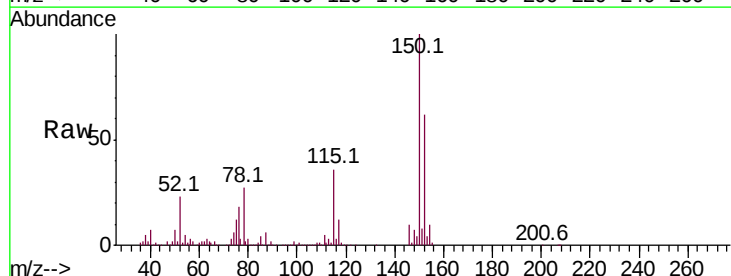
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

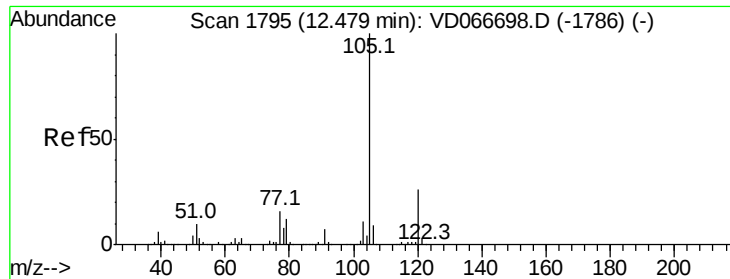
Tot Ion:173 Resp: 45608
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion:152 Resp: 281336
Ion Ratio Lower Upper
152 100
115 63.1 30.5 91.5
150 166.9 0.0 344.6





#73

Isopropylbenzene

Concen: 20.175 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

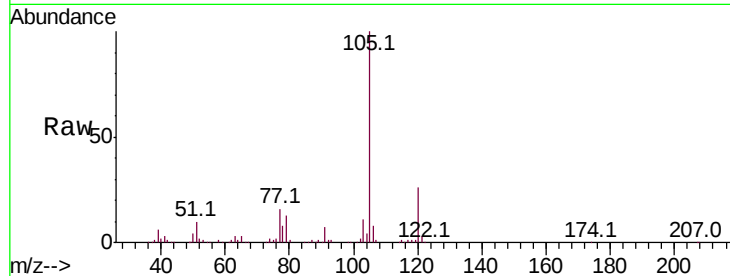
VD0915SBS01

Tot Ion:105 Resp: 423734

Ion Ratio Lower Upper

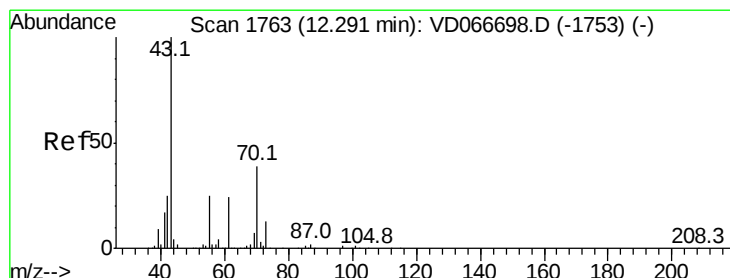
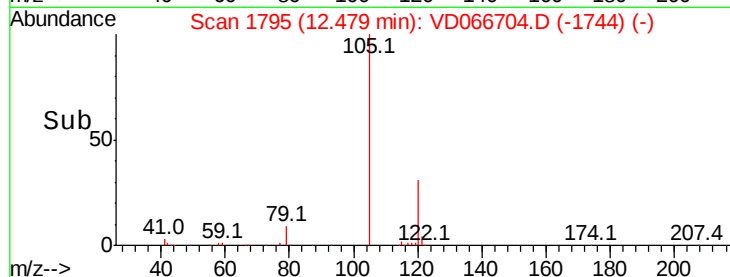
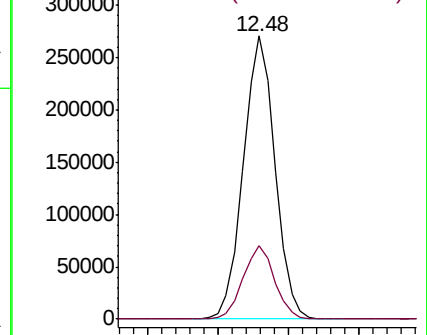
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.932 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Tgt Ion: 43 Resp: 88304

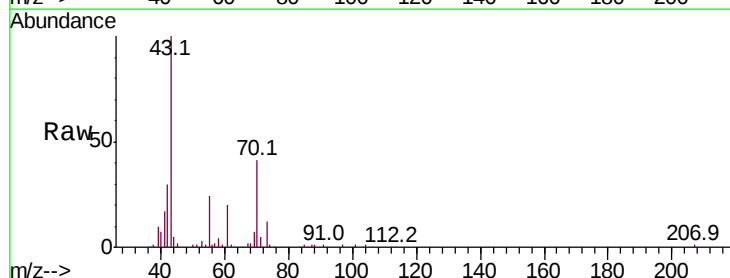
Ion Ratio Lower Upper

43 100

70 43.9 33.0 49.4

55 28.1 20.6 30.8

61 23.1 19.1 28.7

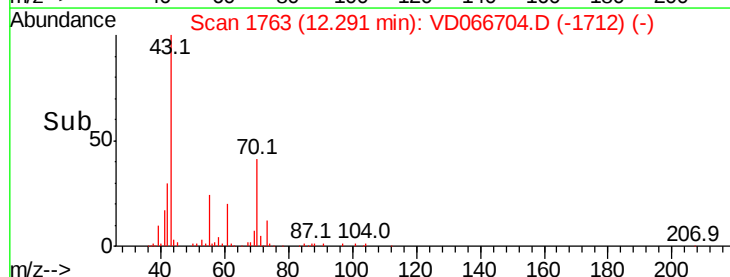
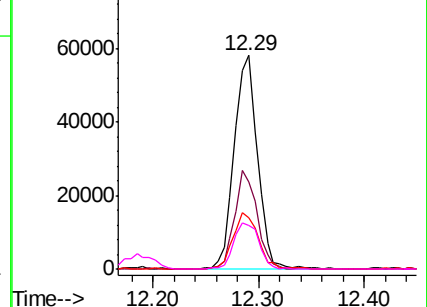


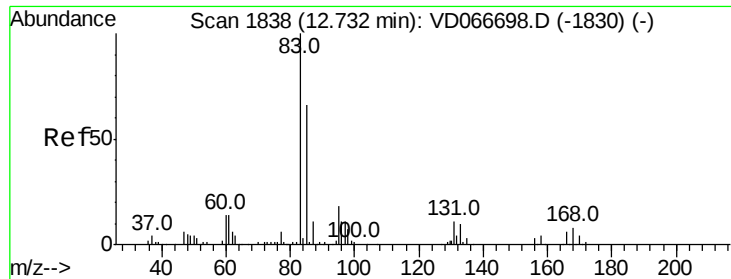
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.287 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBSD01

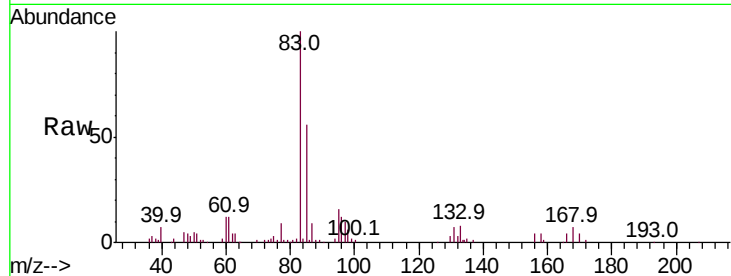
Tot Ion: 83 Resp: 75971

Ion Ratio Lower Upper

83 100

131 9.5 5.8 17.3

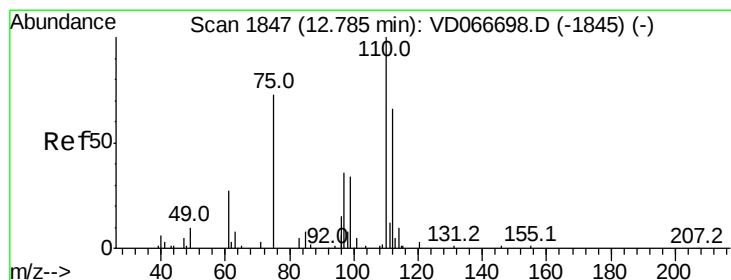
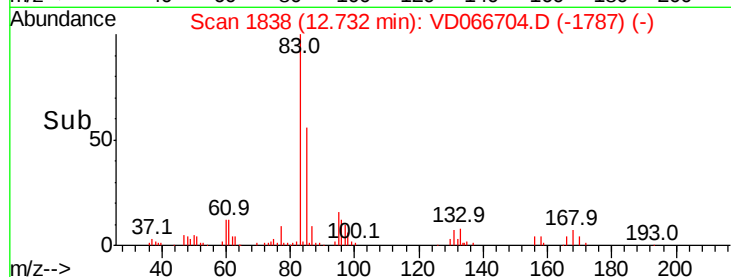
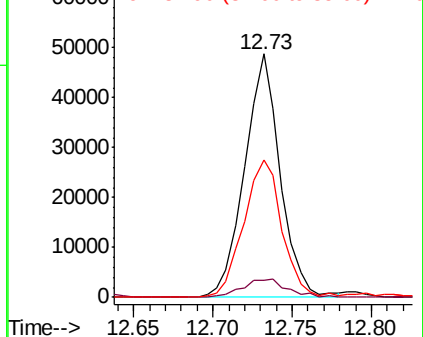
85 60.6 33.3 99.8



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: 39.985 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066704.D

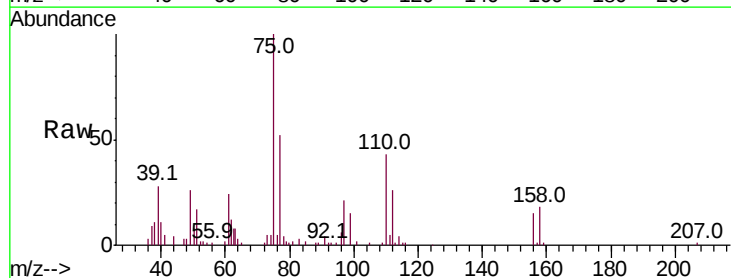
Acq: 15 Sep 2020 18:53

Tgt Ion: 75 Resp: 96290

Ion Ratio Lower Upper

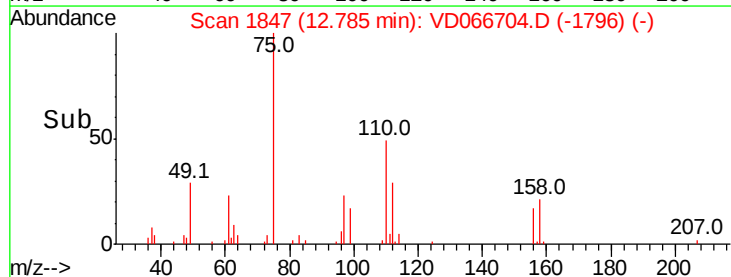
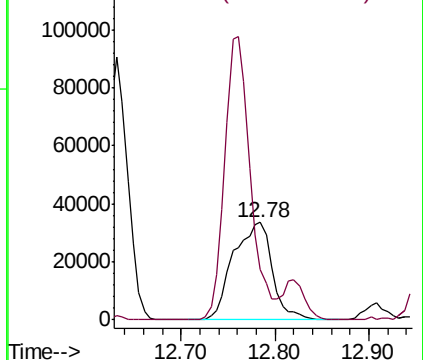
75 100

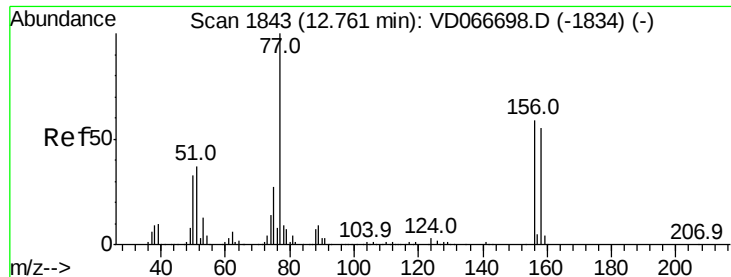
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.929 ug/l

RT: 12.76 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBSD01

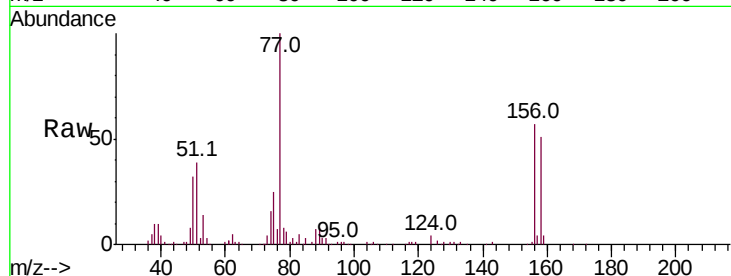
Tot Ion:156 Resp: 96469

Ion Ratio Lower Upper

156 100

77 193.7 95.8 287.3

158 97.3 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V

120000

100000

80000

60000

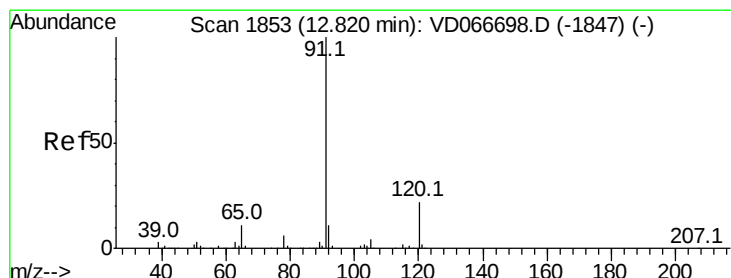
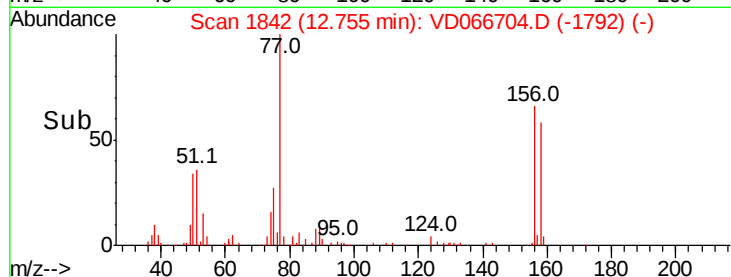
40000

20000

0

12.70 12.75 12.80

Time-->



#78

n-propylbenzene

Concen: 20.255 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066704.D

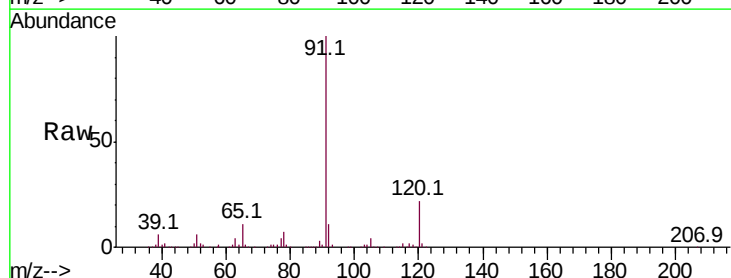
Acq: 15 Sep 2020 18:53

Tgt Ion: 91 Resp: 518571

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

300000

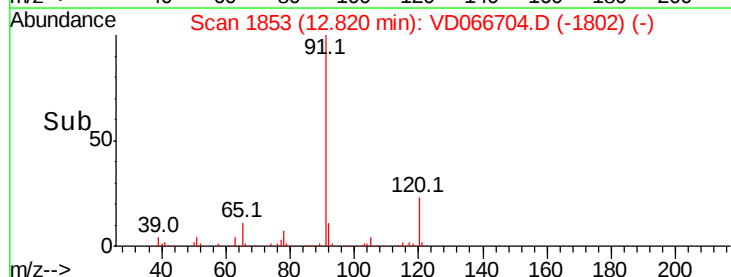
200000

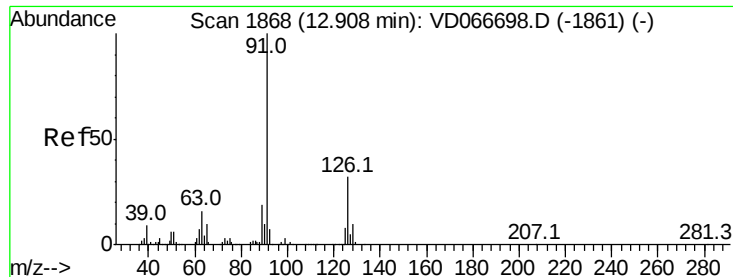
100000

0

12.75 12.80 12.85

Time-->





#79

2-Chlorotoluene

Concen: 20.319 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

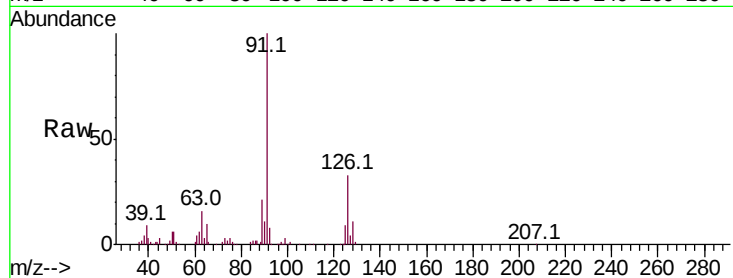
VD0915SBS01

Tot Ion: 91 Resp: 294152

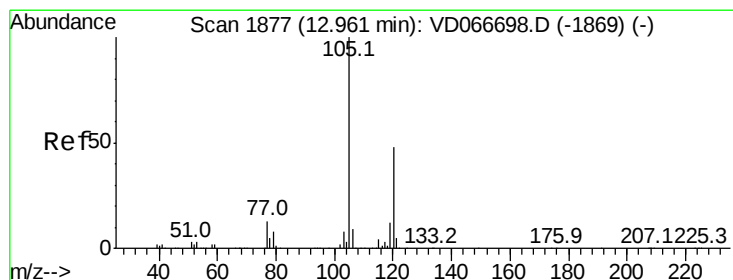
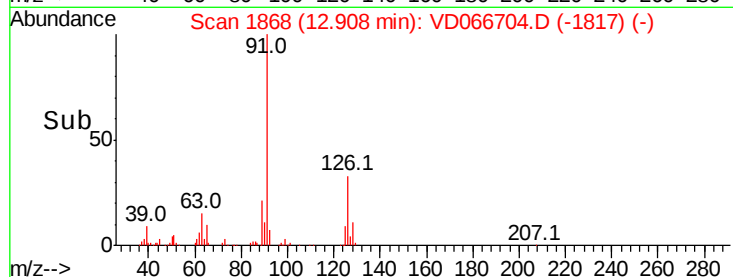
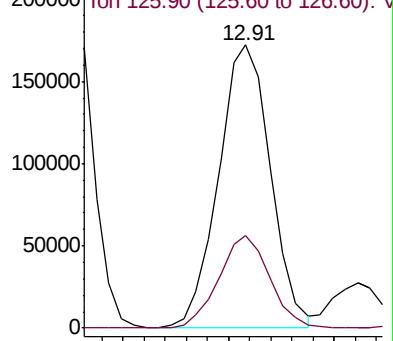
Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066704.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.363 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066704.D

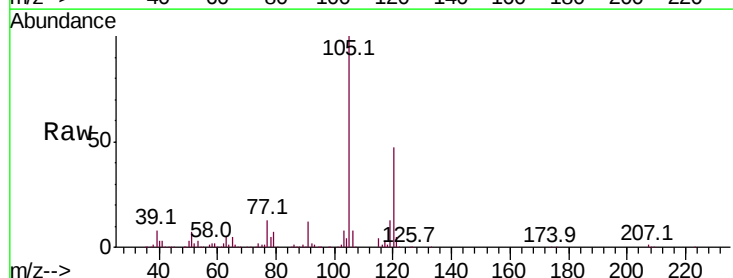
Acq: 15 Sep 2020 18:53

Tgt Ion:105 Resp: 361615

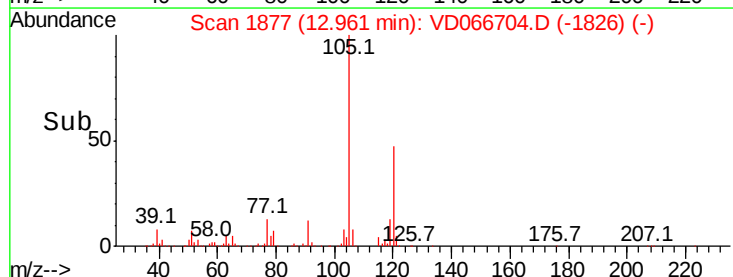
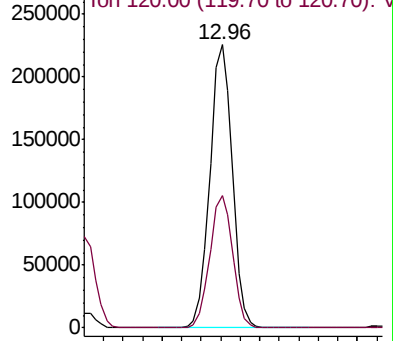
Ion Ratio Lower Upper

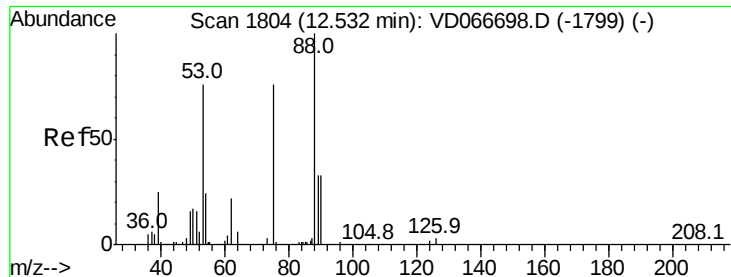
105 100

120 47.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066704.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.971 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

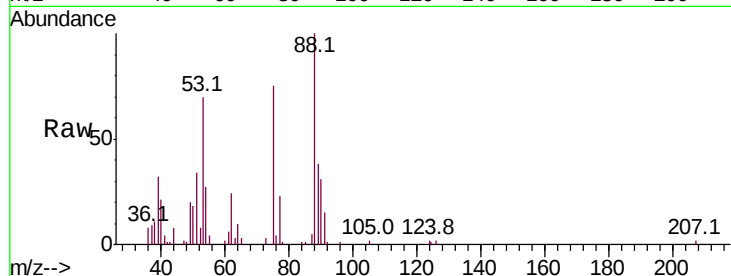
Tot Ion: 75 Resp: 22284

Ion Ratio Lower Upper

75 100

53 100.0 82.2 123.4

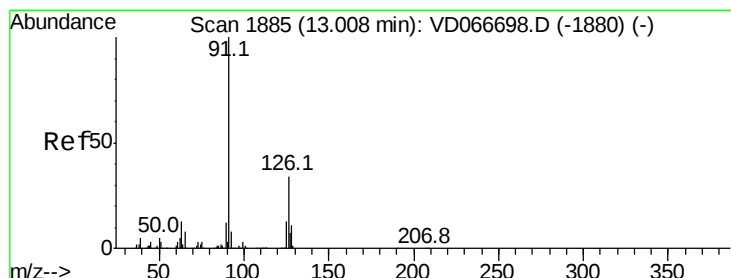
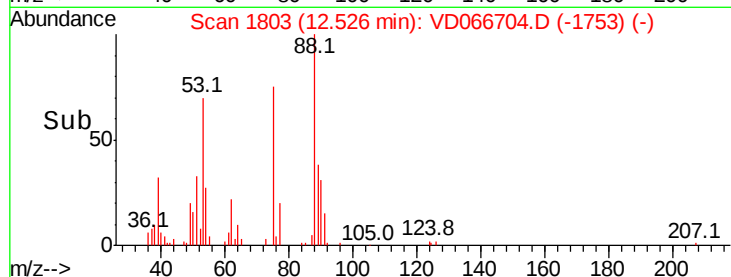
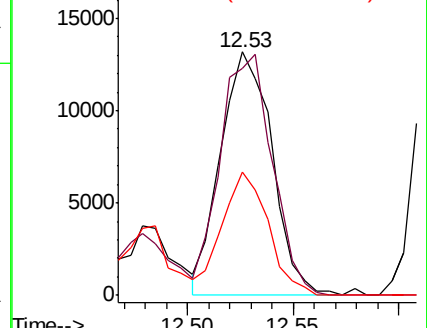
89 45.7 39.6 59.4



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: 20.843 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066704.D

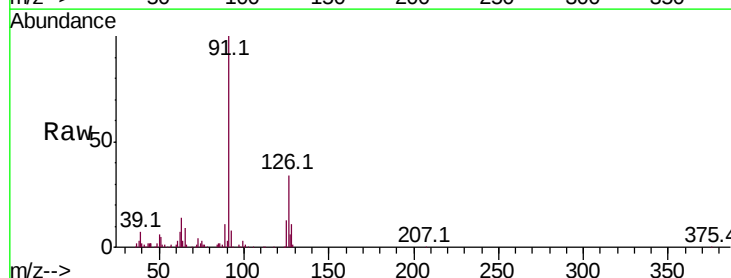
Acq: 15 Sep 2020 18:53

Tgt Ion: 91 Resp: 319056

Ion Ratio Lower Upper

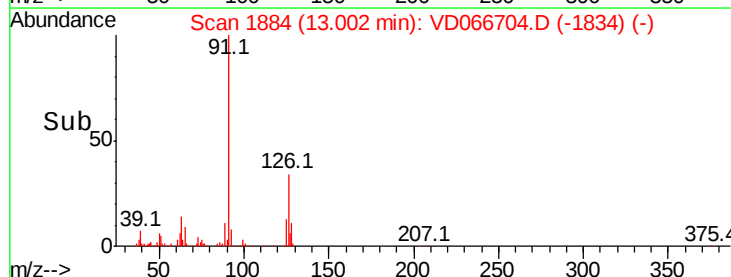
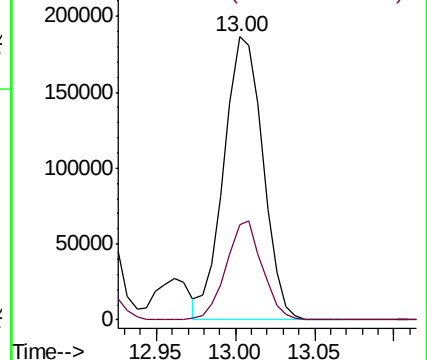
91 100

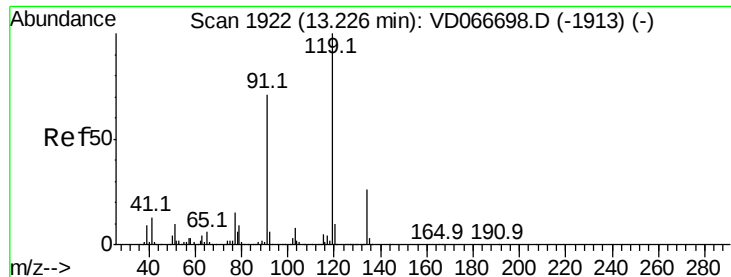
126 32.3 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.037 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

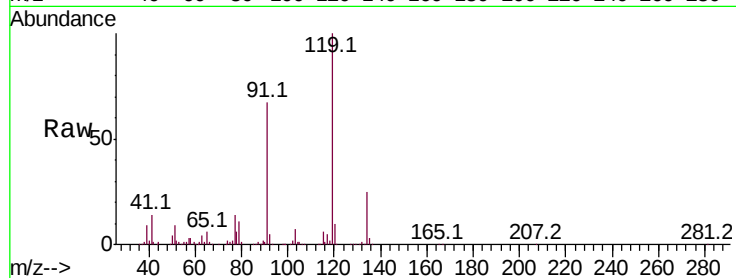
Tot Ion:119 Resp: 293270

Ion Ratio Lower Upper

119 100

91 67.0 35.0 105.1

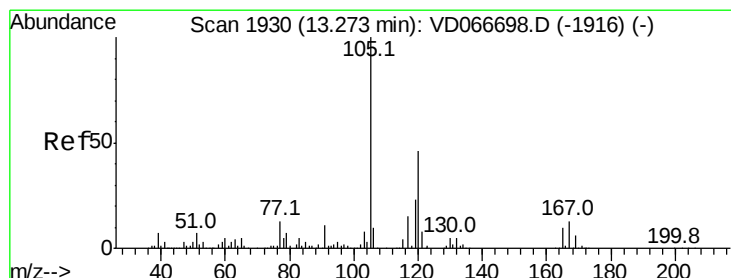
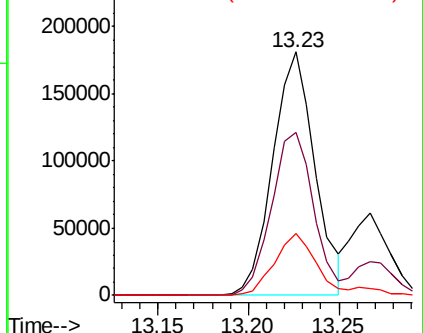
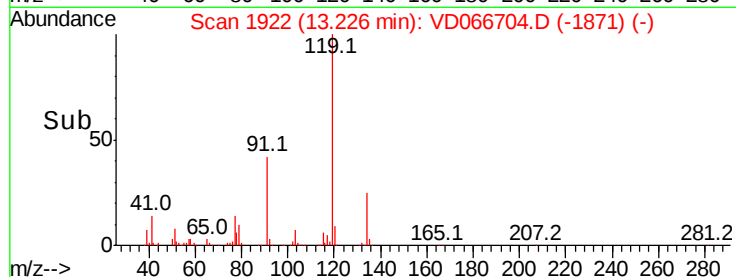
134 24.8 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.392 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066704.D

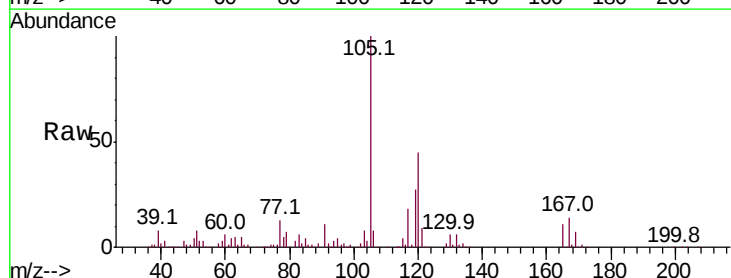
Acq: 15 Sep 2020 18:53

Tgt Ion:105 Resp: 361889

Ion Ratio Lower Upper

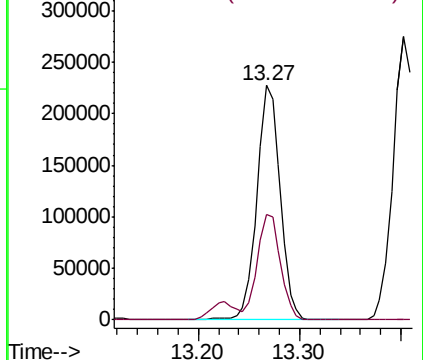
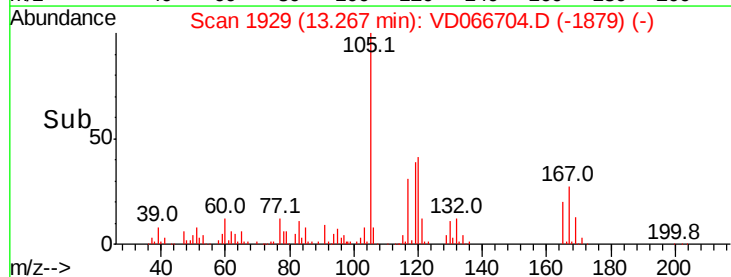
105 100

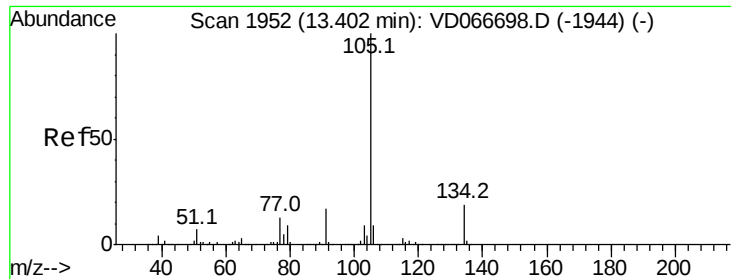
120 44.8 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.132 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

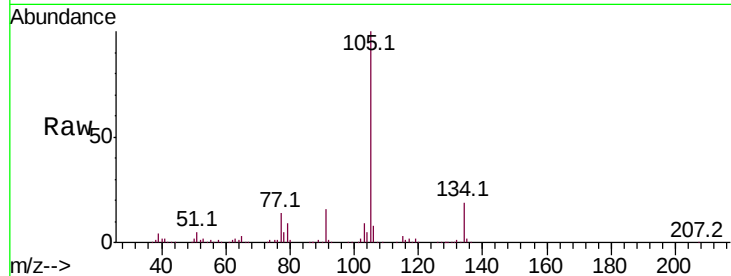
VD0915SBS01

Tot Ion:105 Resp: 422438

Ion Ratio Lower Upper

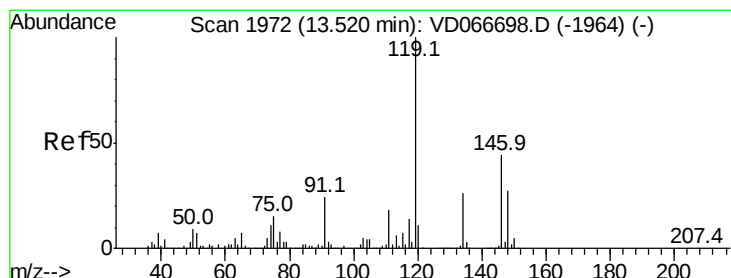
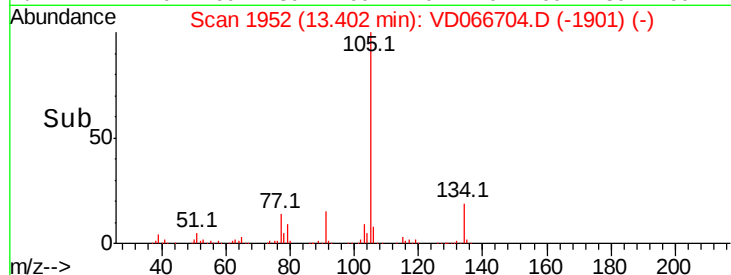
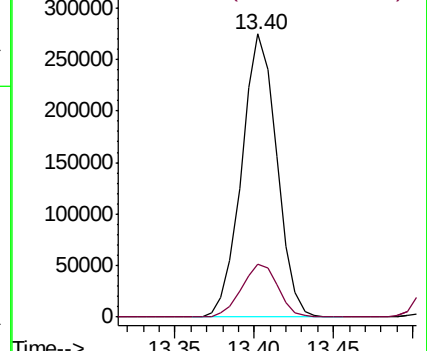
105 100

134 19.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.885 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

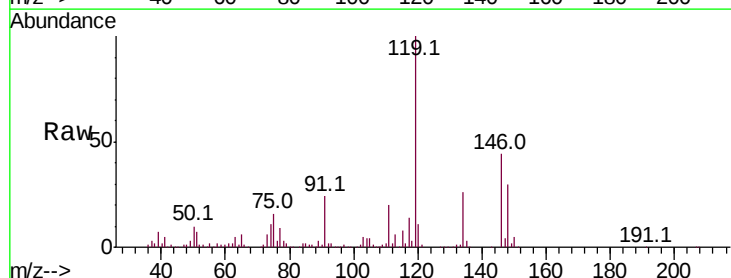
Tgt Ion:119 Resp: 379340

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

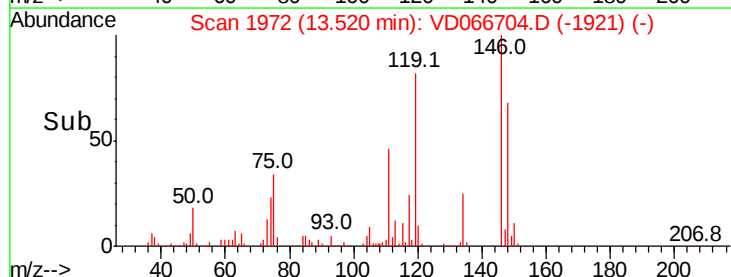
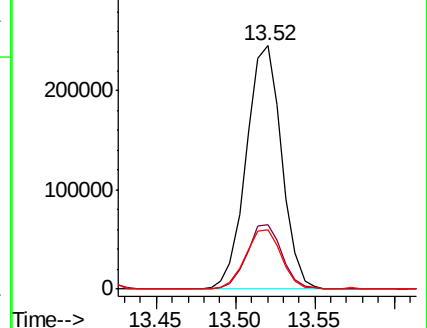
91 24.7 12.3 36.9

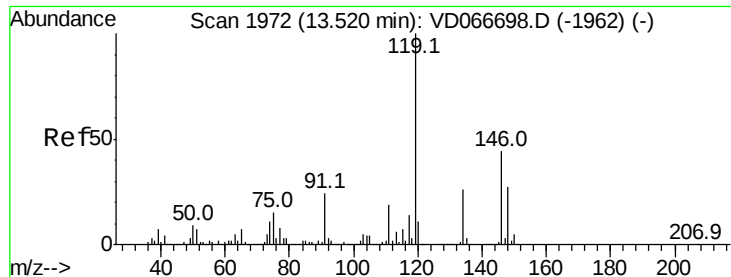


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.045 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

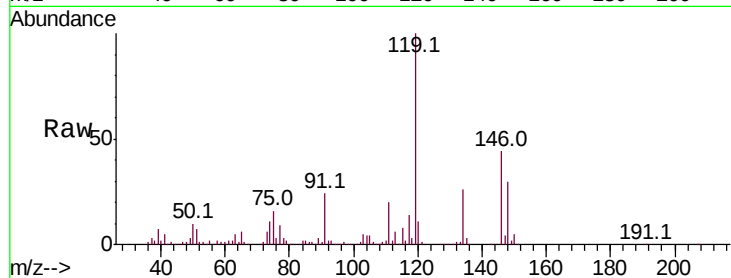
Tot Ion:146 Resp: 186161

Ion Ratio Lower Upper

146 100

111 43.0 21.1 63.3

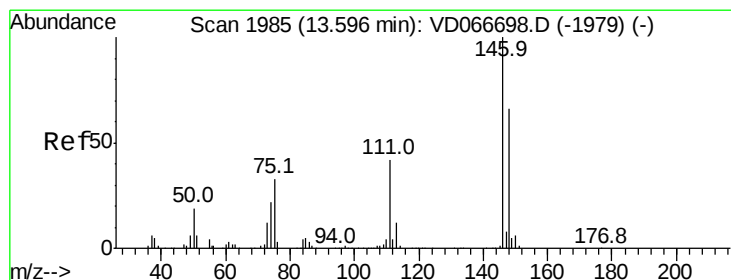
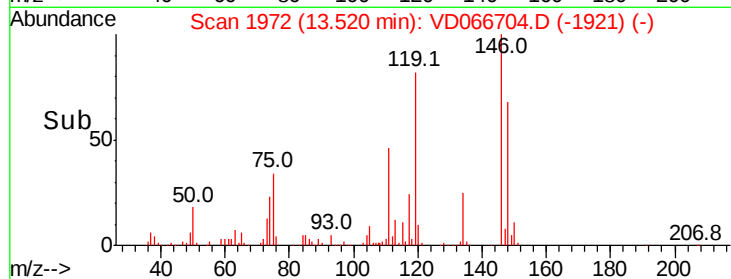
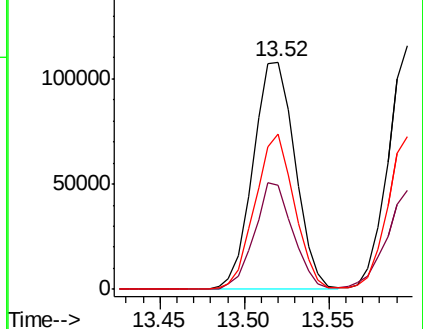
148 64.0 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.049 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066704.D

Acq: 15 Sep 2020 18:53

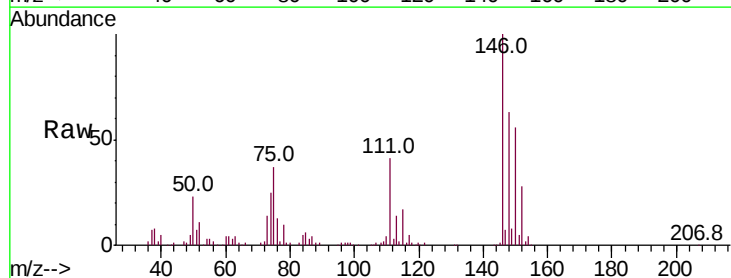
Tgt Ion:146 Resp: 185411

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.6

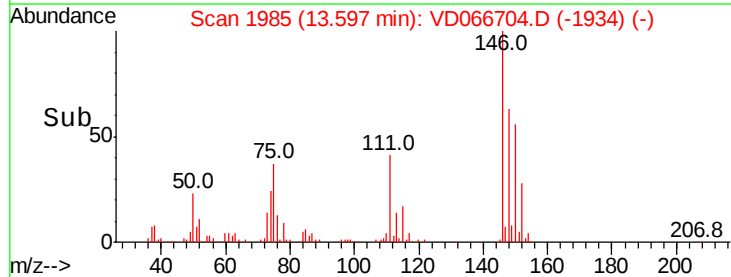
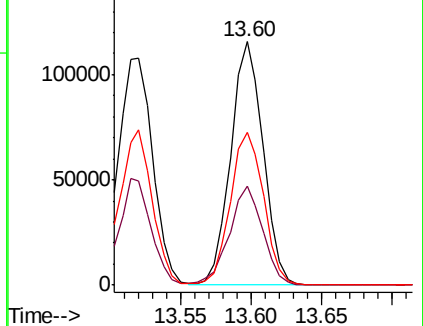
148 64.3 32.7 98.1

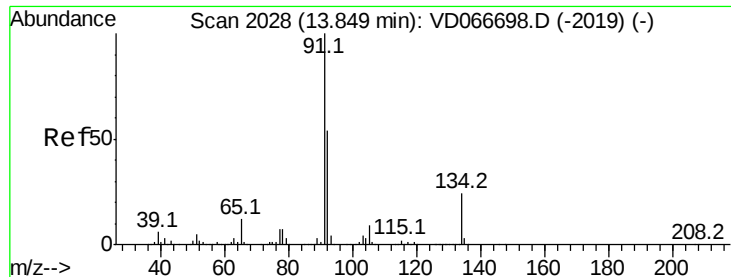


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

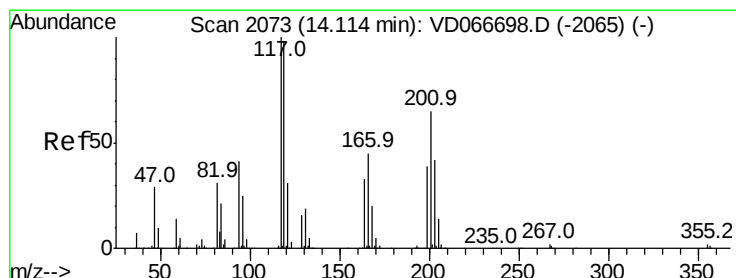
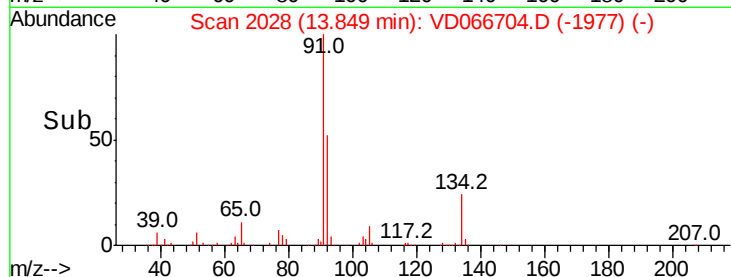
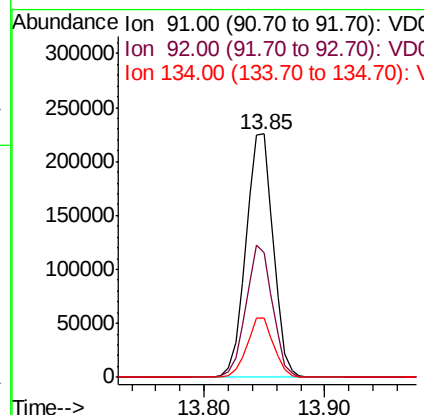
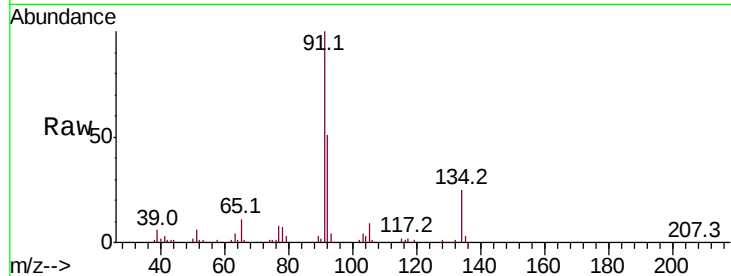




#89
n-Butylbenzene
Concen: 19.659 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

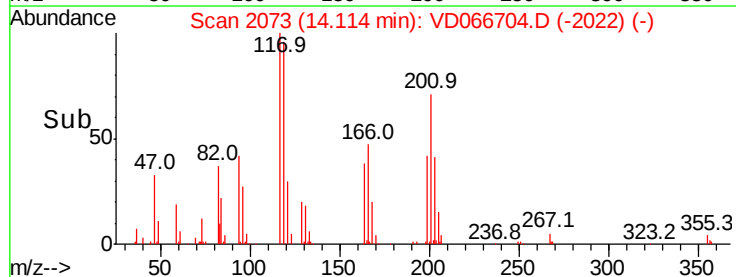
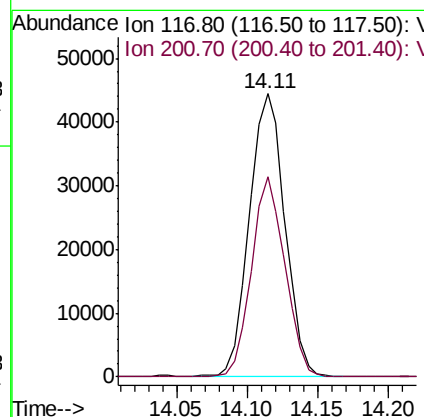
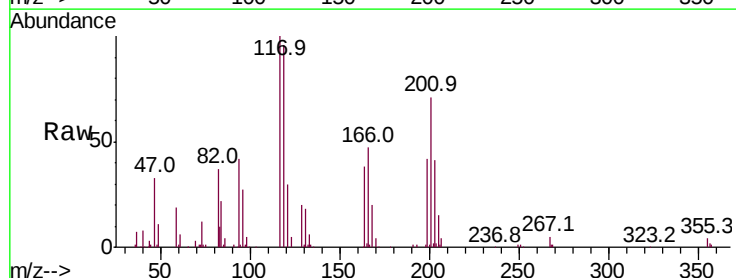
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

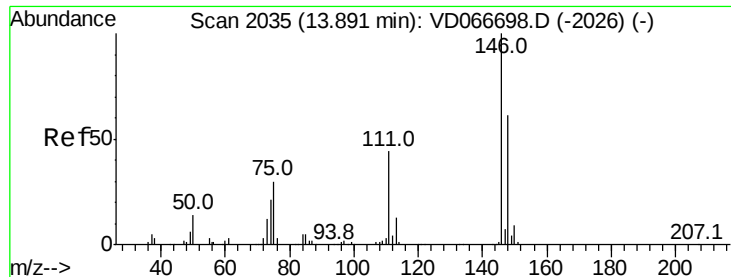
Tot Ion: 91 Resp: 356599
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 23.9 12.4 37.0



#90
Hexachloroethane
Concen: 20.054 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion: 117 Resp: 78588
Ion Ratio Lower Upper
117 100
201 66.4 33.1 99.3

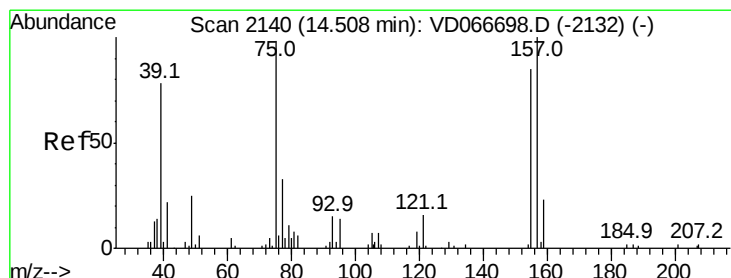
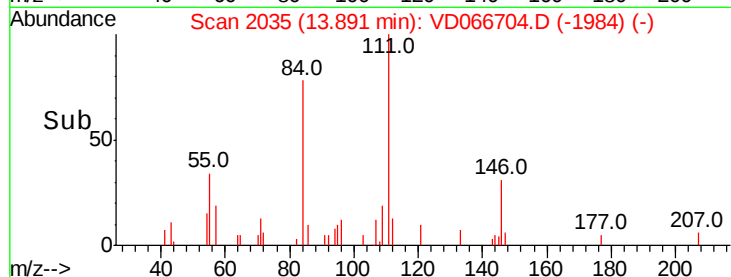
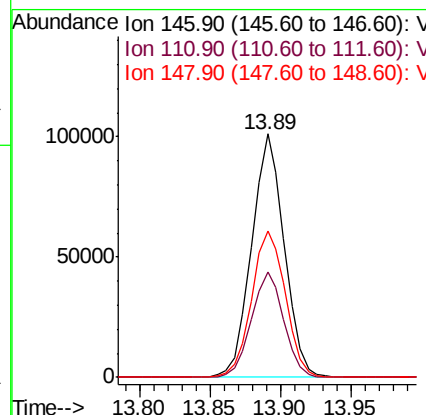
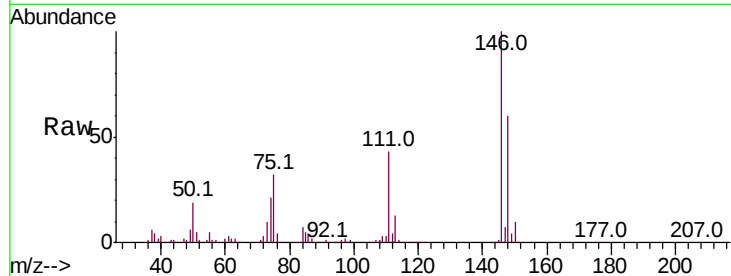




#91
 1,2-Dichlorobenzene
 Concen: 20.575 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

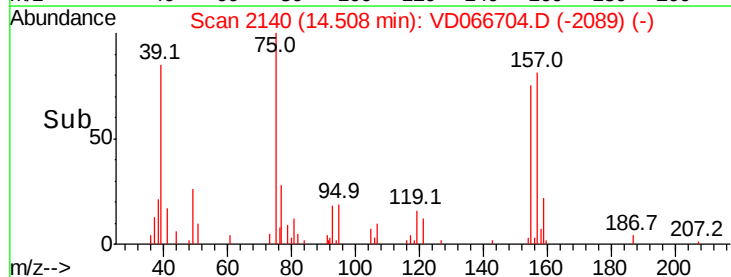
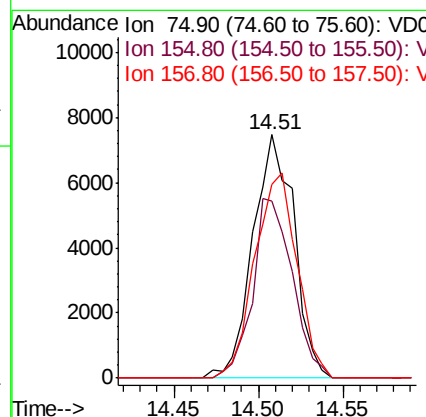
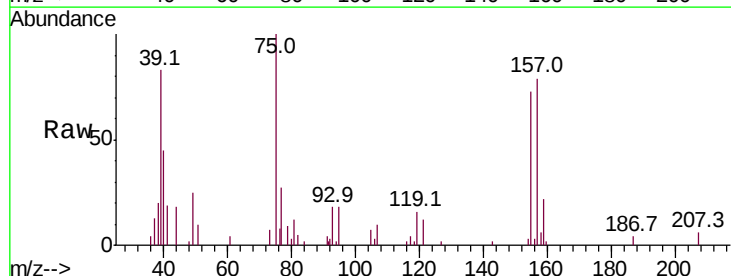
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

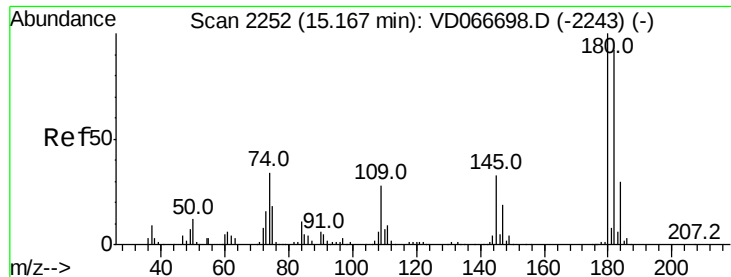
Tot Ion:146 Resp: 163731
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.6 64.6
 148 62.5 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.853 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

Tgt Ion: 75 Resp: 12607
 Ion Ratio Lower Upper
 75 100
 155 71.2 38.9 116.7
 157 86.6 46.4 139.2

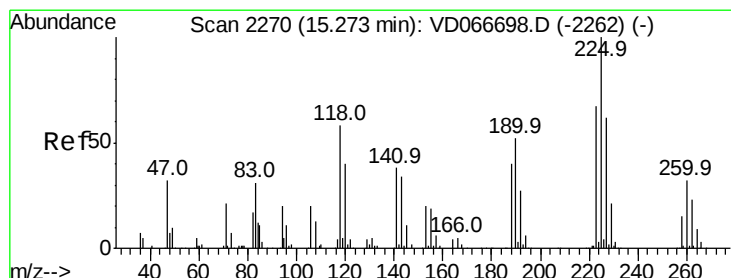
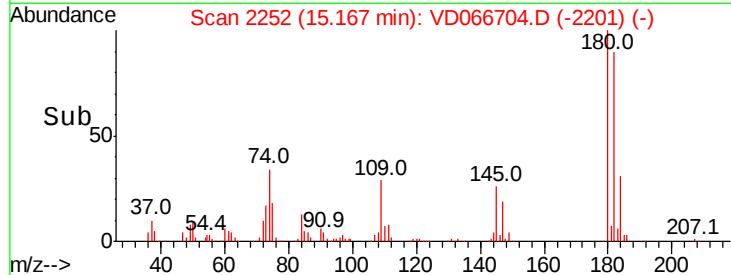
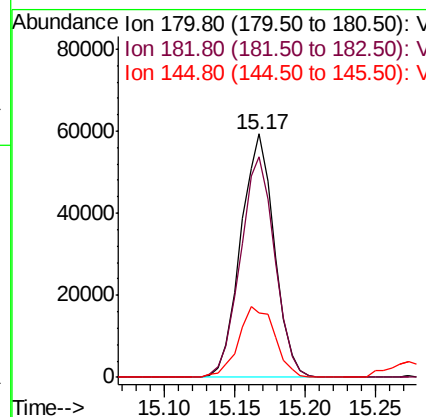
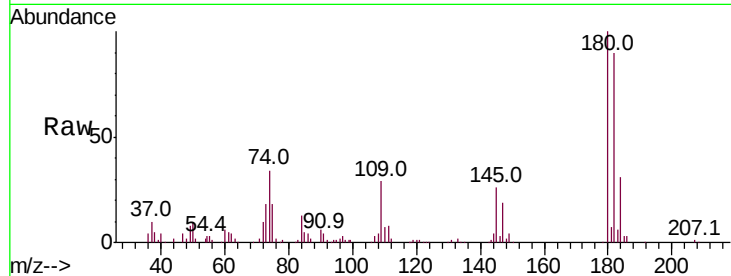




#93
 1,2,4-Trichlorobenzene
 Concen: 20.505 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

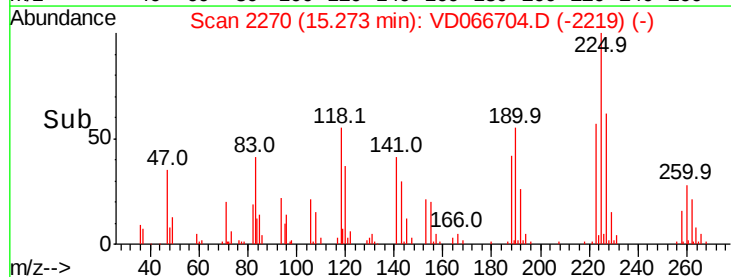
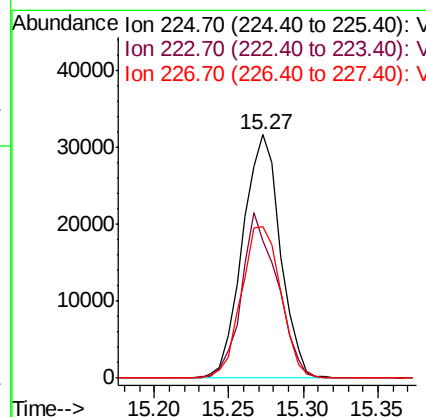
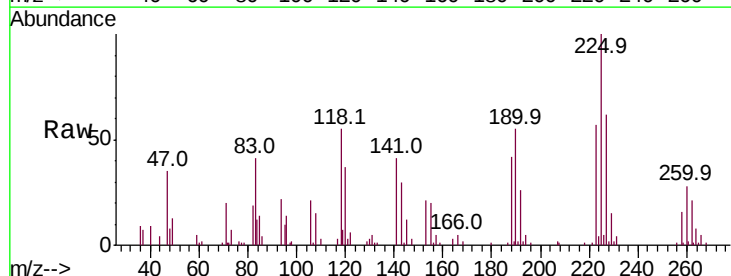
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

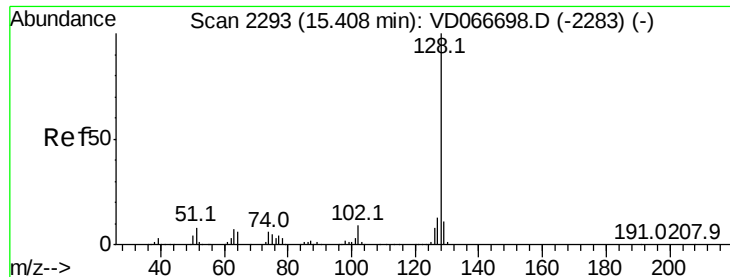
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.6	139.7
145	31.4	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 19.104 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066704.D
 Acq: 15 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.9
227	65.1	31.3	93.9

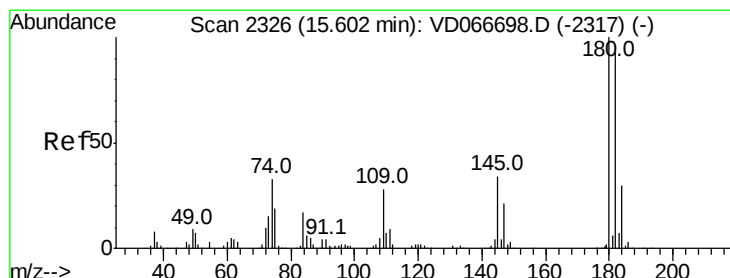
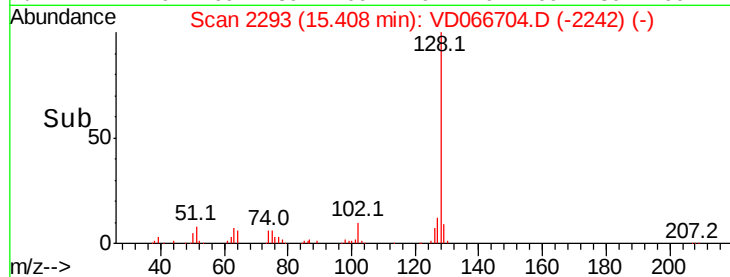
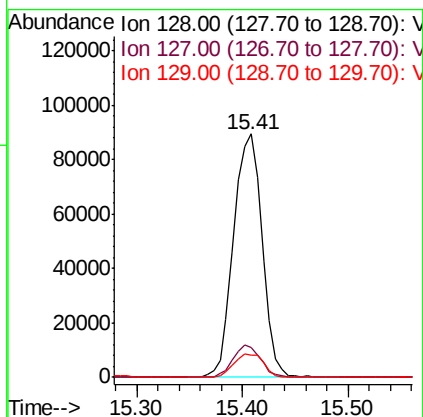
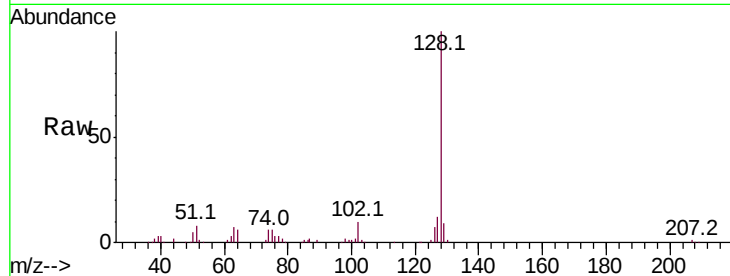




#95
Naphthalene
Concen: 19.858 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.699 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066704.D
Acq: 15 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	46.6	139.8
145	35.7	17.1	51.3

