

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066361.D
 Acq On : 21 Aug 2020 15:59
 Operator : VA/SY
 Sample : VD0821SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

Quant Time: Aug 22 02:22:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	256443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	357621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	329008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174158	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	125421	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	7.91	113	111359	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.34	98	413677	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.63	95	150764	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	44773	20.537	ug/l	99
3) Chloromethane	2.21	50	30272	19.589	ug/l	100
4) Vinyl Chloride	2.34	62	31289	18.858	ug/l	98
5) Bromomethane	2.75	94	23218	18.708	ug/l	98
6) Chloroethane	2.92	64	20226	19.037	ug/l	99
7) Trichlorofluoromethane	3.27	101	88213	19.551	ug/l	97
8) Diethyl Ether	3.71	74	18108	17.913	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	42612	19.137	ug/l	98
10) Methyl Iodide	4.30	142	40547	15.966	ug/l	97
11) Tert butyl alcohol	5.21	59	21420	127.032	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	39605	18.949	ug/l	93
13) Acrolein	3.92	56	9558	85.611	ug/l	99
14) Allyl chloride	4.71	41	53211	19.074	ug/l	98
15) Acrylonitrile	5.41	53	37802	93.200	ug/l	97
16) Acetone	4.16	43	39281	86.663	ug/l	98
17) Carbon Disulfide	4.40	76	119829	18.918	ug/l	99
18) Methyl Acetate	4.72	43	15780	18.549	ug/l	91
19) Methyl tert-butyl Ether	5.47	73	95661	19.008	ug/l #	88
20) Methylene Chloride	4.96	84	59807	21.022	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	43982	18.077	ug/l	95
22) Diisopropyl ether	6.36	45	104838	19.410	ug/l	98
23) Vinyl Acetate	6.30	43	321000	96.000	ug/l	97
24) 1,1-Dichloroethane	6.27	63	72201	18.916	ug/l	98
25) 2-Butanone	7.20	43	49571	96.336	ug/l #	89
26) 2,2-Dichloropropane	7.20	77	79801	19.506	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	50110	19.222	ug/l	97
28) Bromochloromethane	7.54	49	22613	17.199	ug/l	98
29) Tetrahydrofuran	7.56	42	28845	98.694	ug/l	98
30) Chloroform	7.71	83	82904	18.773	ug/l	99
31) Cyclohexane	7.98	56	66182	18.958	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	86799	19.204	ug/l	99
36) 1,1-Dichloropropene	8.11	75	64096	19.643	ug/l	99
37) Ethyl Acetate	7.29	43	20177	18.180	ug/l #	89
38) Carbon Tetrachloride	8.08	117	83648	19.676	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	75159	19.553	ug/l	91
40) Benzene	8.34	78	169942	19.797	ug/l	99
41) Methacrylonitrile	7.56	41	31768	46.417	ug/l #	18
42) 1,2-Dichloroethane	8.42	62	59420	19.654	ug/l	97
43) Isopropyl Acetate	8.44	43	42871	19.246	ug/l	99
44) Trichloroethene	9.10	130	54373	19.493	ug/l	97
45) 1,2-Dichloropropane	9.38	63	38186	19.622	ug/l	95
46) Dibromomethane	9.47	93	23716	19.573	ug/l	99
47) Bromodichloromethane	9.66	83	65289	19.594	ug/l	100
48) Methyl methacrylate	9.45	41	22525	19.609	ug/l	95
49) 1,4-Dioxane	9.46	88	5546	394.192	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	106935	99.234	ug/l	99
52) Toluene	10.40	92	114748	19.731	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	61830	19.555	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	68909	19.417	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	31251	19.052	ug/l	96
56) Ethyl methacrylate	10.66	69	36880	19.422	ug/l	91
57) 1,3-Dichloropropane	10.94	76	52582	19.380	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	78893	100.036	ug/l	98
59) 2-Hexanone	10.98	43	75893	99.845	ug/l	97
60) Dibromochloromethane	11.14	129	47694	19.290	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32133	19.906	ug/l	96
64) Tetrachloroethene	10.87	164	50165	20.100	ug/l	98
65) Chlorobenzene	11.67	112	127785	19.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	51807	19.367	ug/l	98
67) Ethyl Benzene	11.74	91	226671	19.673	ug/l	91
68) m/p-Xylenes	11.86	106	176334	40.152	ug/l	97
69) o-Xylene	12.18	106	80399	19.679	ug/l	100
70) Styrene	12.20	104	140415	20.016	ug/l	98
71) Bromoform	12.36	173	30372	20.013	ug/l #	99
73) Isopropylbenzene	12.48	105	231186	19.816	ug/l	99
74) N-amyl acetate	12.29	43	41823	19.848	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	32841	19.705	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	48070	39.234	ug/l #	1
77) Bromobenzene	12.76	156	58711	19.827	ug/l	100
78) n-propylbenzene	12.82	91	262525	19.625	ug/l	99
79) 2-Chlorotoluene	12.91	91	148348	19.417	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	199018	19.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11424	19.792	ug/l	96
82) 4-Chlorotoluene	13.01	91	157474	19.454	ug/l	99
83) tert-Butylbenzene	13.23	119	168673	19.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	199555	20.169	ug/l	98
85) sec-Butylbenzene	13.40	105	224077	19.547	ug/l	99
86) p-Isopropyltoluene	13.52	119	220677	19.964	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	110460	19.984	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	107663	19.399	ug/l	99
89) n-Butylbenzene	13.85	91	187478	19.220	ug/l	99
90) Hexachloroethane	14.11	117	42899	19.646	ug/l	91
91) 1,2-Dichlorobenzene	13.89	146	95087	19.983	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6887	19.702	ug/l	86

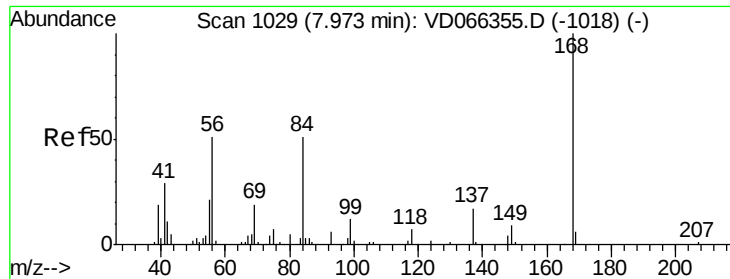
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
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Operator : VA/SY
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	72200	19.436	ug/l	97
94) Hexachlorobutadiene	15.27	225	44159	19.128	ug/l	98
95) Naphthalene	15.41	128	110092	18.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	61597	19.356	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

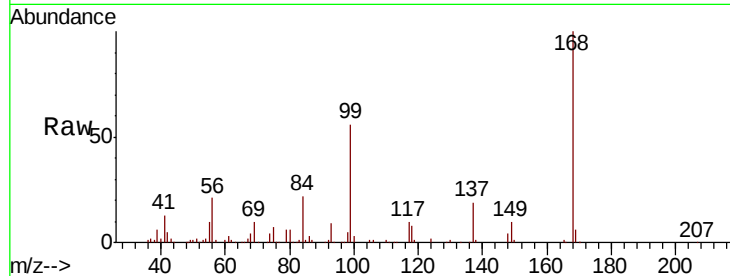
VD0821SBSD01

Tot Ion:168 Resp: 256443

Ion Ratio Lower Upper

168 100

99 55.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

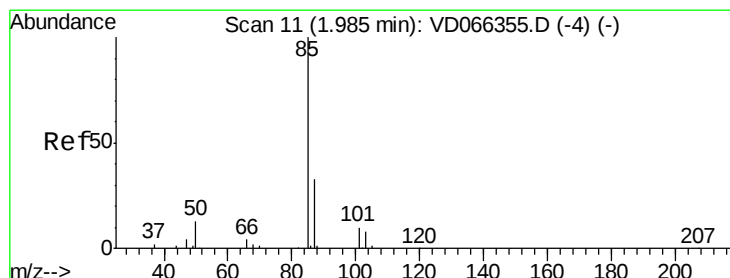
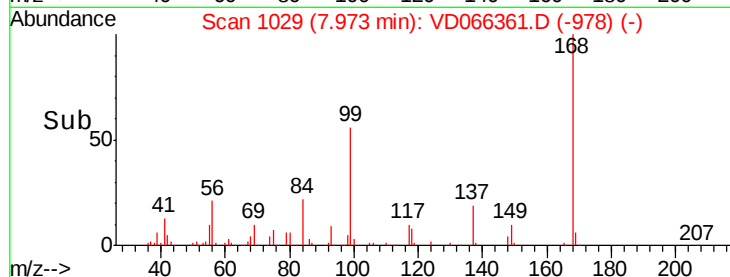
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.537 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066361.D

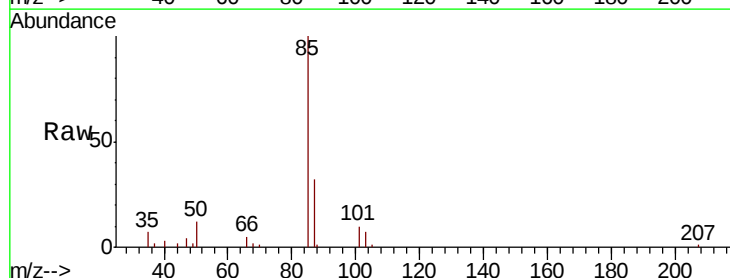
Acq: 21 Aug 2020 15:59

Tgt Ion: 85 Resp: 44773

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.99

40000

30000

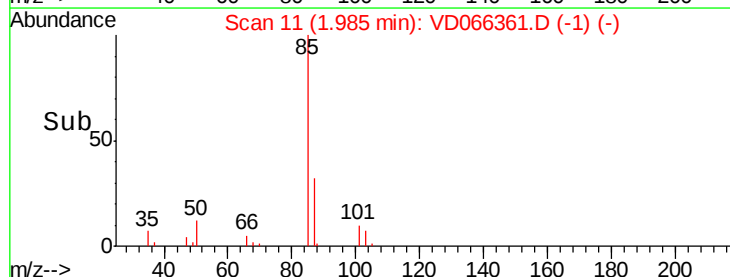
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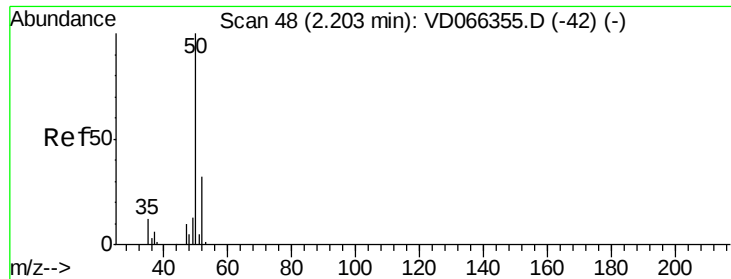
10000

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Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 19.589 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

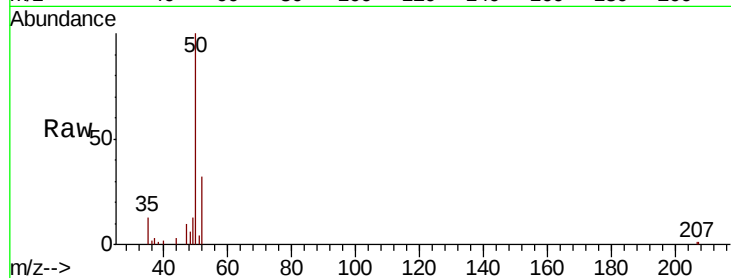
VD0821SBSD01

Tot Ion: 50 Resp: 30272

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

25000

20000

15000

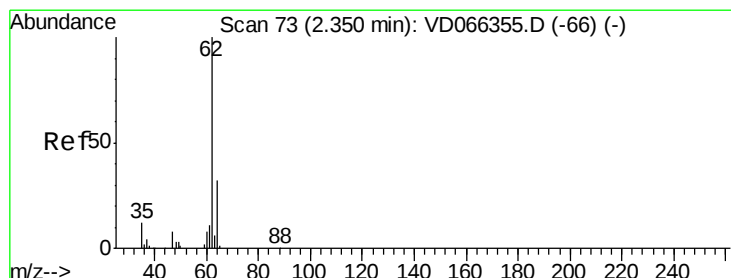
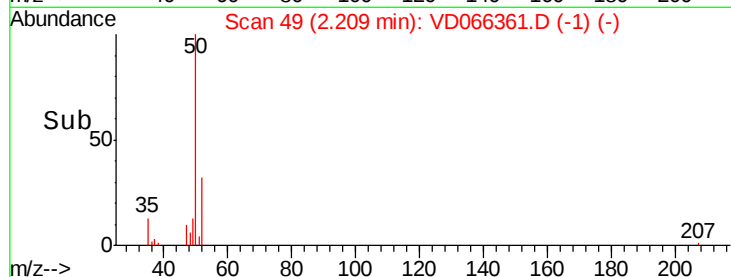
10000

5000

0

Time-->

2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 18.858 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066361.D

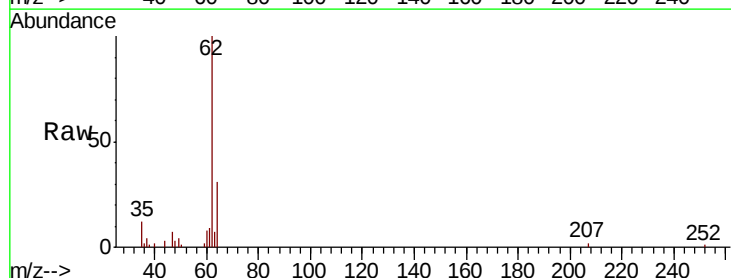
Acq: 21 Aug 2020 15:59

Tgt Ion: 62 Resp: 31289

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.34

20000

15000

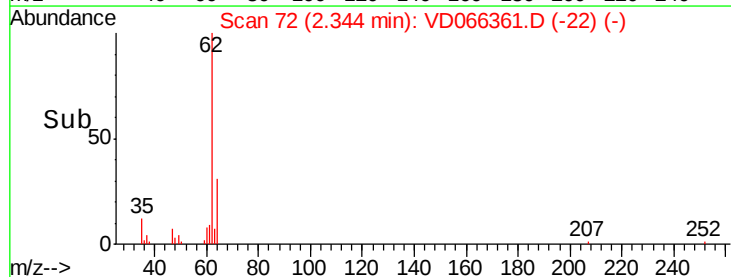
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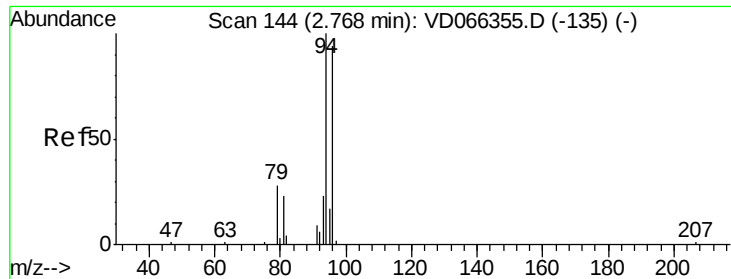
5000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 18.708 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

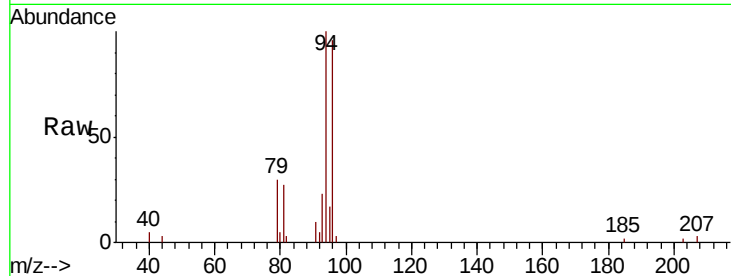
VD0821SBS01

Tot Ion: 94 Resp: 23218

Ion Ratio Lower Upper

94 100

96 95.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

12000

10000

8000

6000

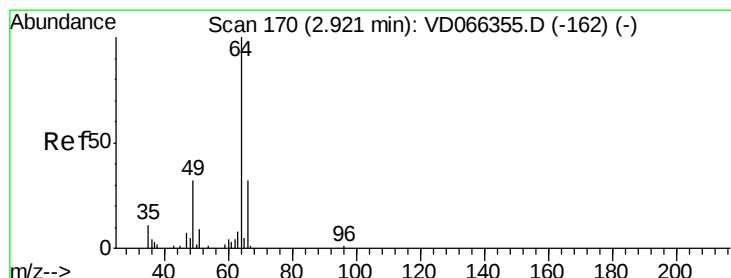
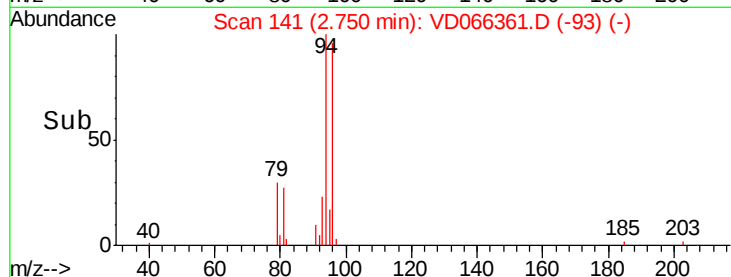
4000

2000

0

2.65 2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 19.037 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066361.D

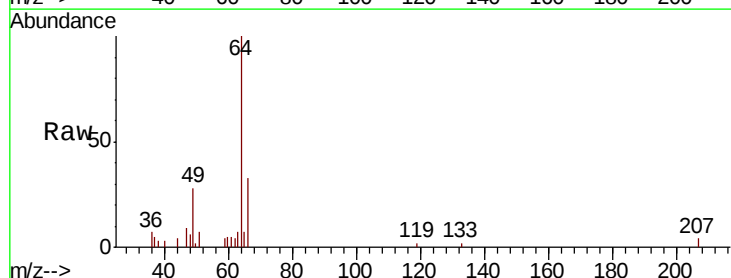
Acq: 21 Aug 2020 15:59

Tgt Ion: 64 Resp: 20226

Ion Ratio Lower Upper

64 100

66 33.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

10000

8000

6000

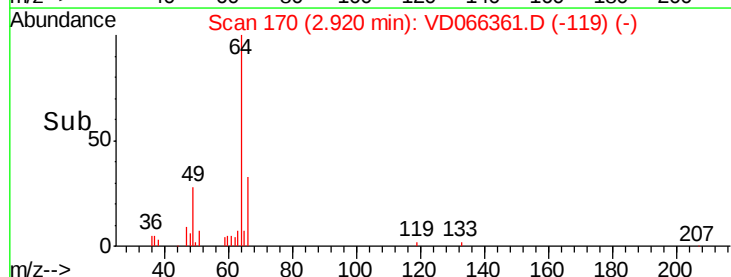
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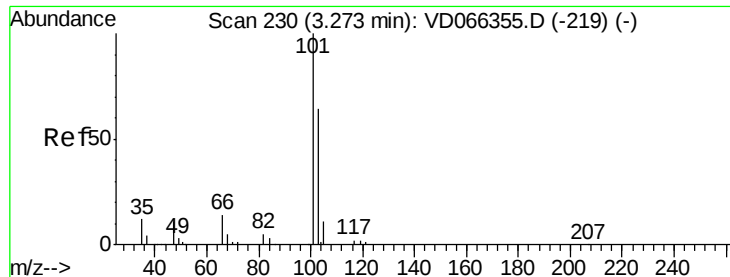
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0

2.85 2.90 2.95 3.00

Time-->



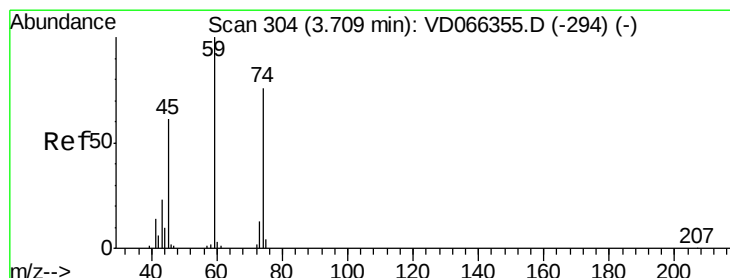
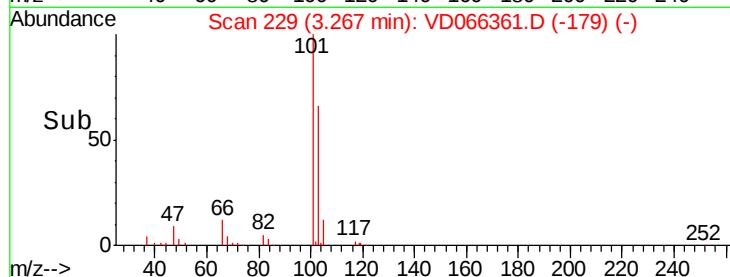
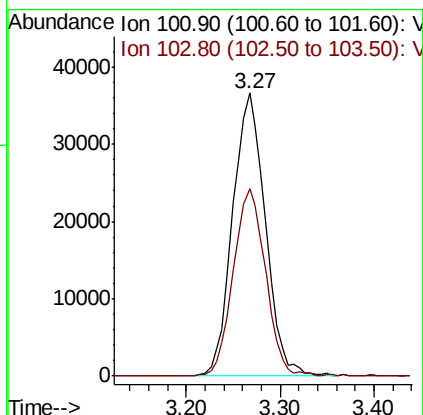
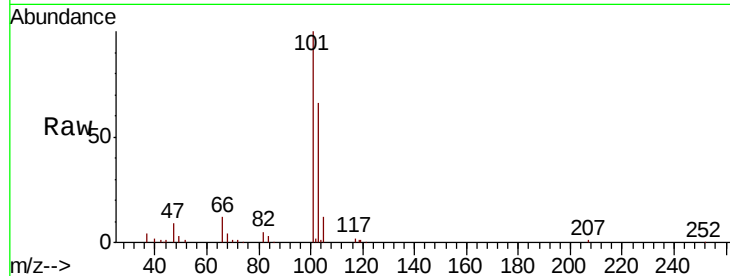


#7

Trichlorofluoromethane
 Concen: 19.551 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

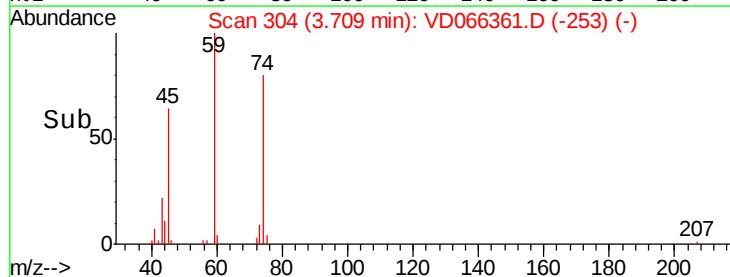
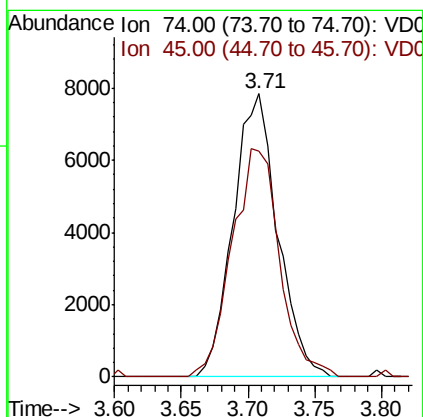
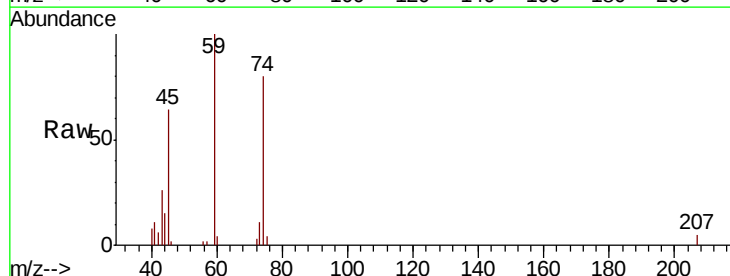
Tot Ion:101 Resp: 88213
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0

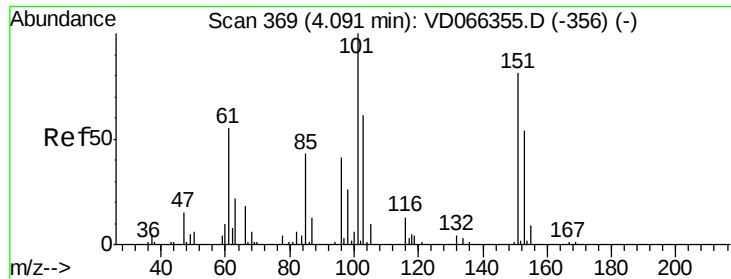


#8

Diethyl Ether
 Concen: 17.913 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion: 74 Resp: 18108
 Ion Ratio Lower Upper
 74 100
 45 86.1 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.137 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

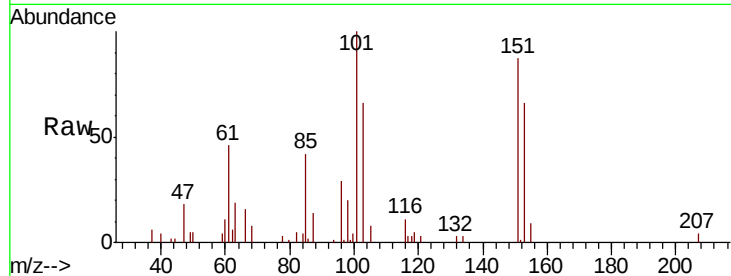
Tot Ion:101 Resp: 42612

Ion Ratio Lower Upper

101 100

85 46.7 36.4 54.6

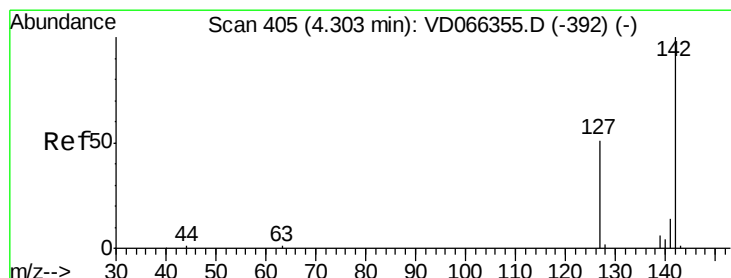
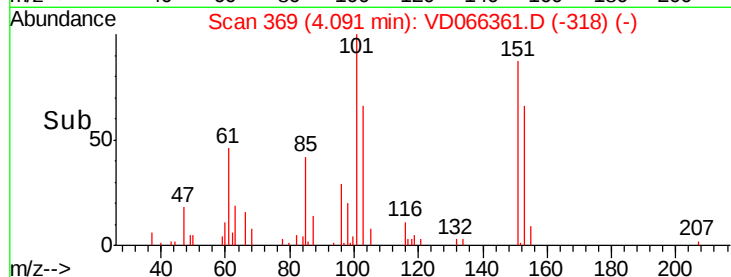
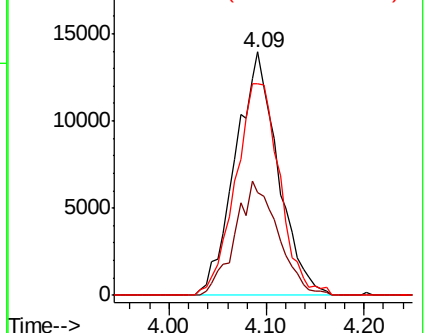
151 90.2 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.966 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

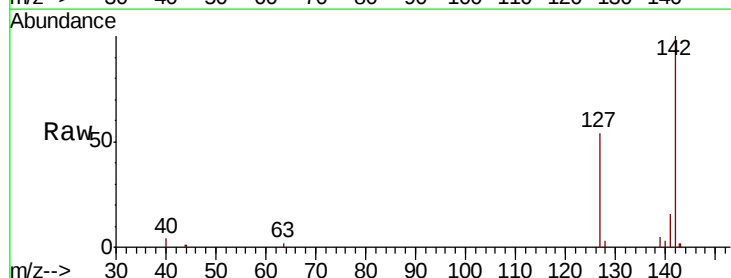
Tgt Ion:142 Resp: 40547

Ion Ratio Lower Upper

142 100

127 54.2 41.8 62.8

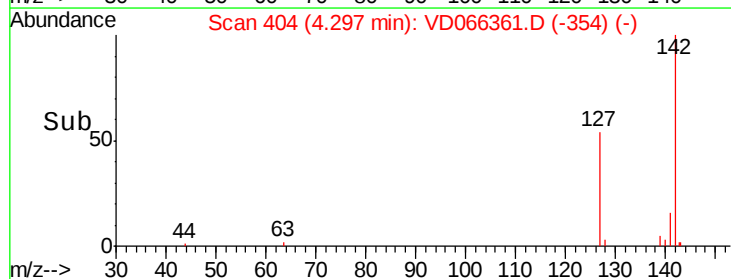
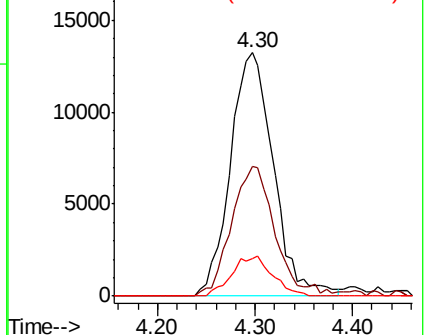
141 15.4 11.8 17.6

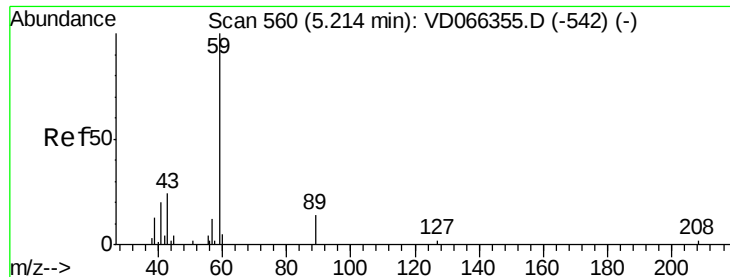


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

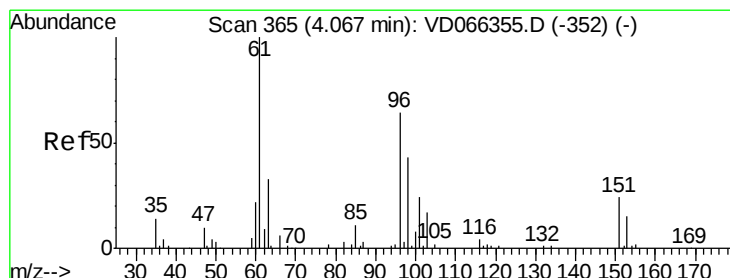
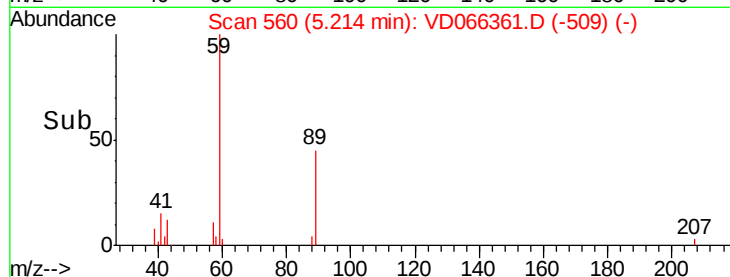
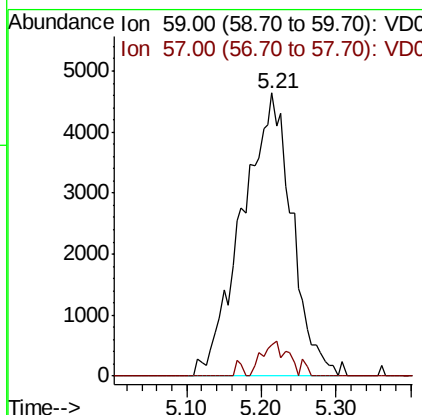
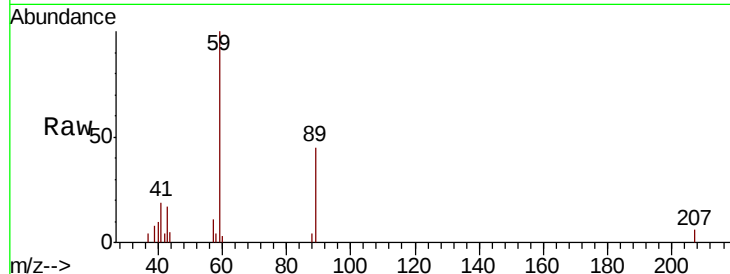




#11
Tert butyl alcohol
Concen: 127.032 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

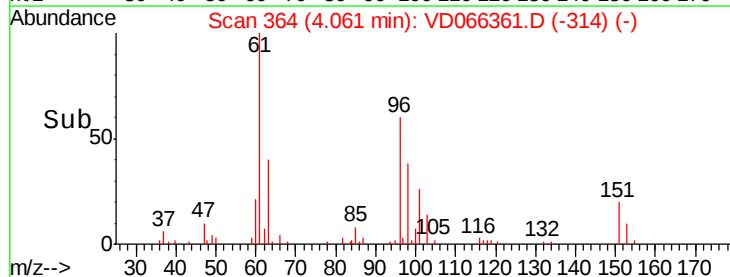
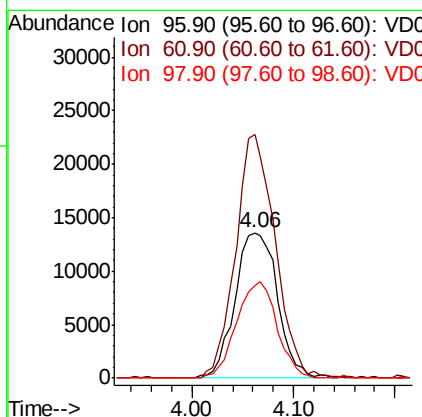
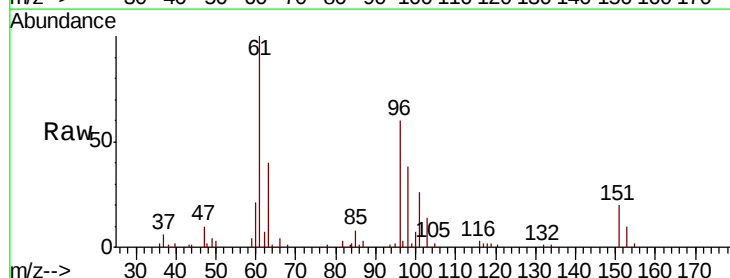
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

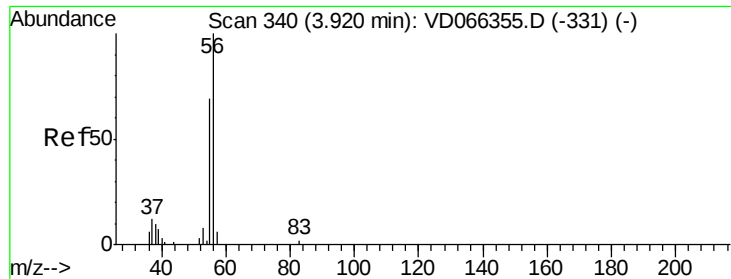
Tot Ion: 59 Resp: 21420
Ion Ratio Lower Upper
59 100
57 6.2 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 18.949 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 96 Resp: 39605
Ion Ratio Lower Upper
96 100
61 167.4 124.3 186.5
98 64.0 53.2 79.8





#13

Acrolein

Concen: 85.611 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

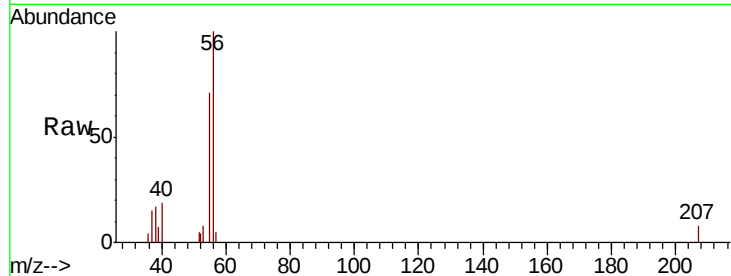
VD0821SBSD01

Tot Ion: 56 Resp: 9558

Ion Ratio Lower Upper

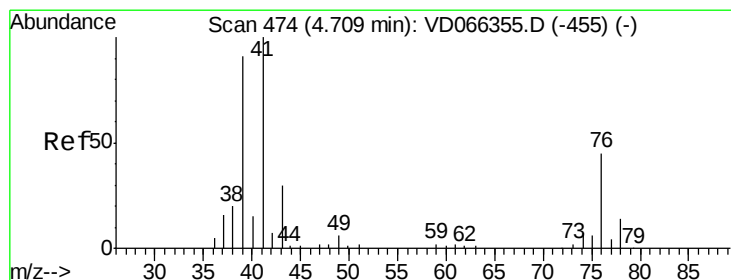
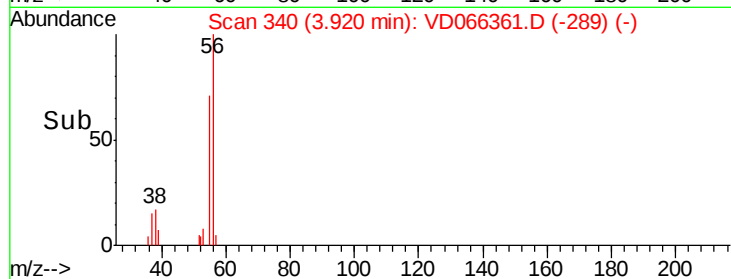
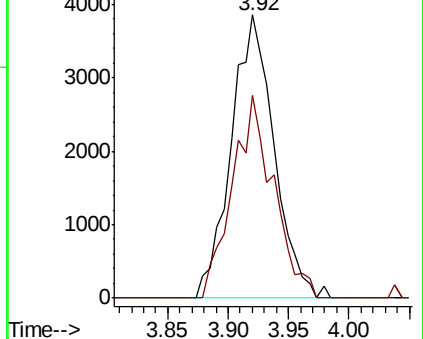
56 100

55 68.7 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.074 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

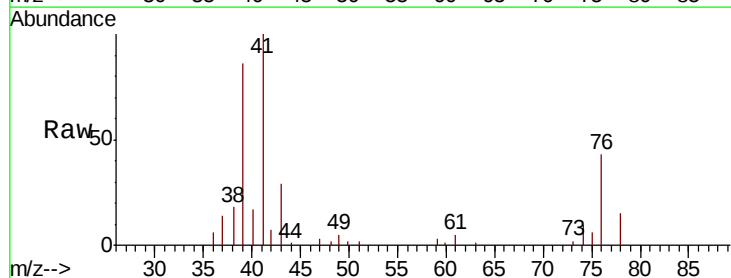
Tgt Ion: 41 Resp: 53211

Ion Ratio Lower Upper

41 100

39 89.7 72.8 109.2

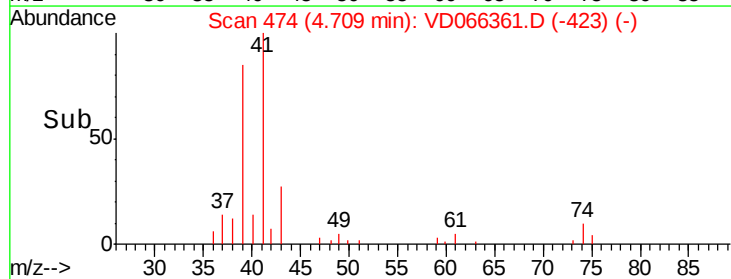
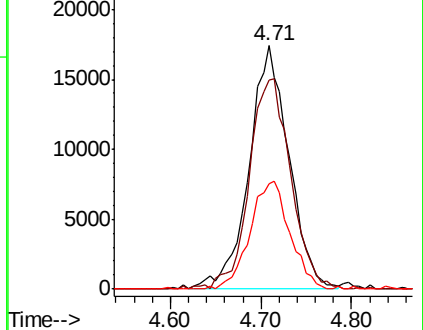
76 44.0 34.0 51.0

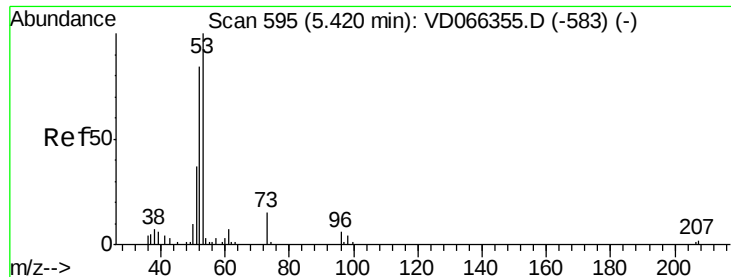


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 93.200 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

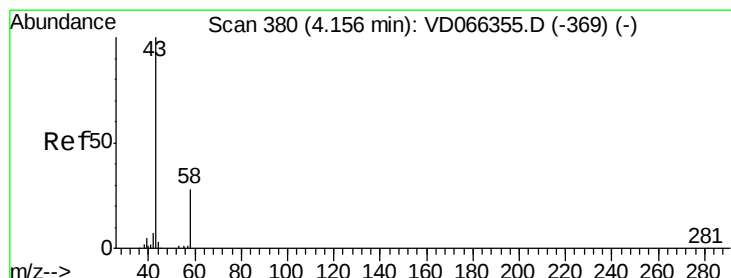
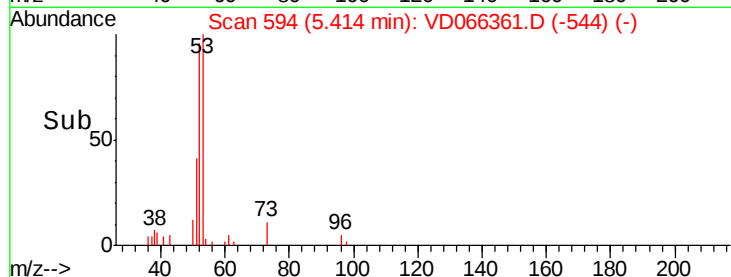
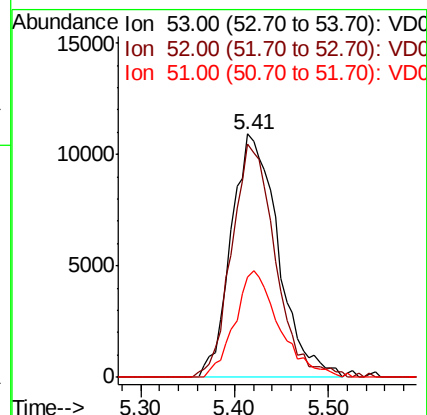
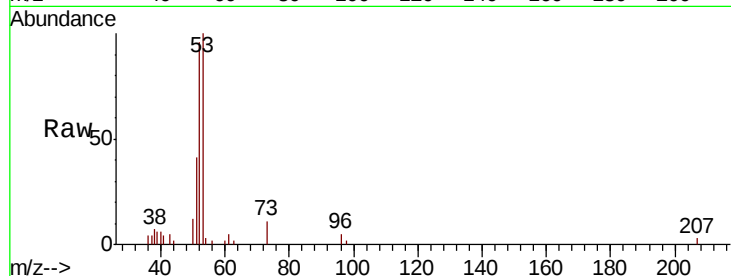
Tot Ion: 53 Resp: 37802

Ion Ratio Lower Upper

53 100

52 88.8 68.1 102.1

51 41.8 33.8 50.6



#16

Acetone

Concen: 86.663 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066361.D

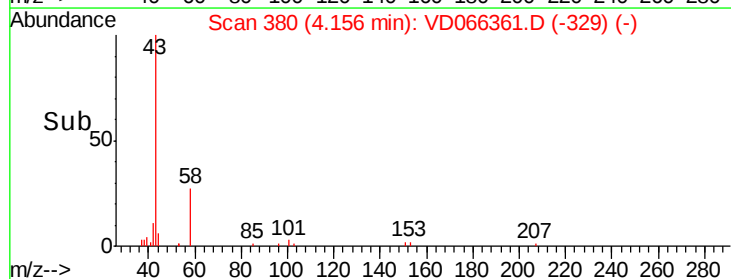
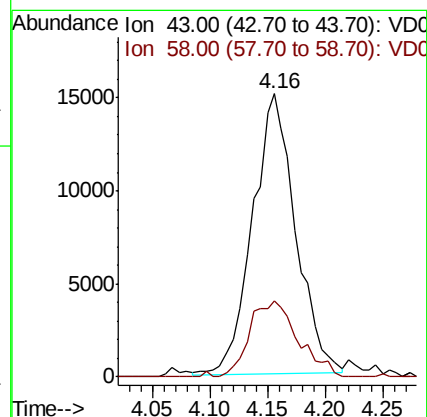
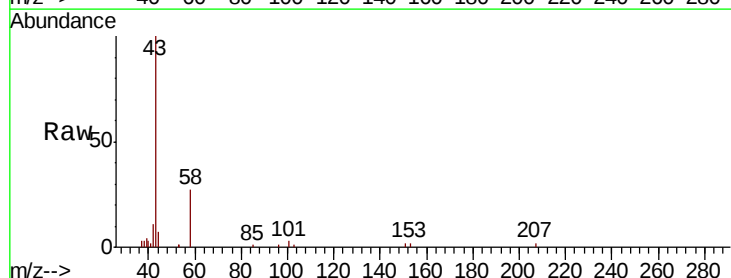
Acq: 21 Aug 2020 15:59

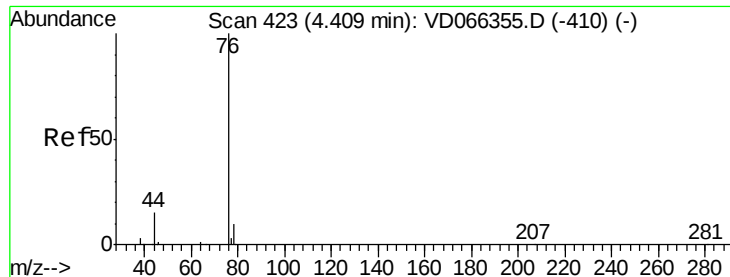
Tgt Ion: 43 Resp: 39281

Ion Ratio Lower Upper

43 100

58 27.5 22.7 34.1





#17

Carbon Disulfide

Concen: 18.918 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

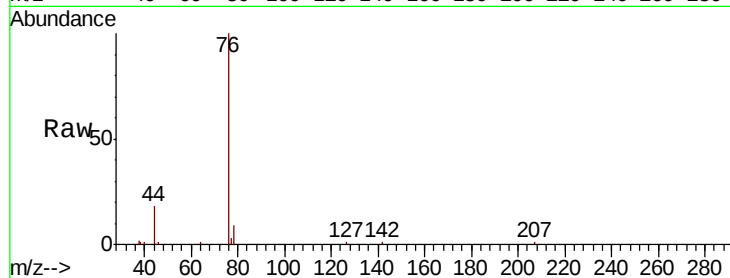
VD0821SBSD01

Tot Ion: 76 Resp: 119829

Ion Ratio Lower Upper

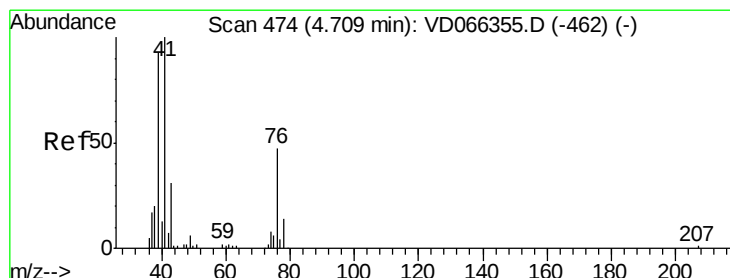
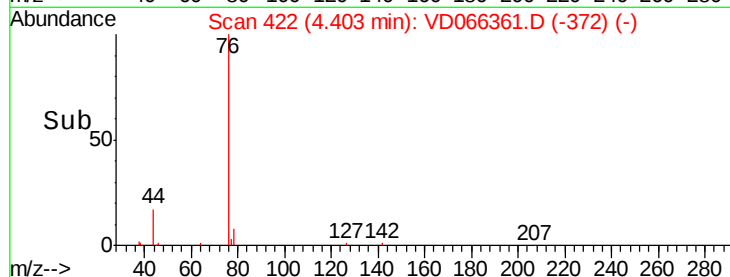
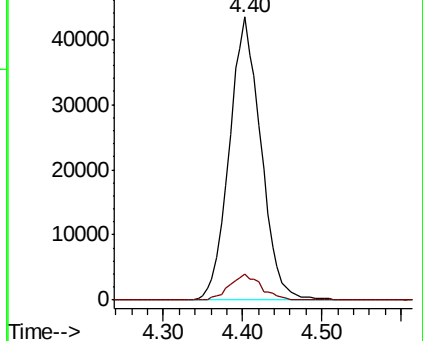
76 100

78 9.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.549 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066361.D

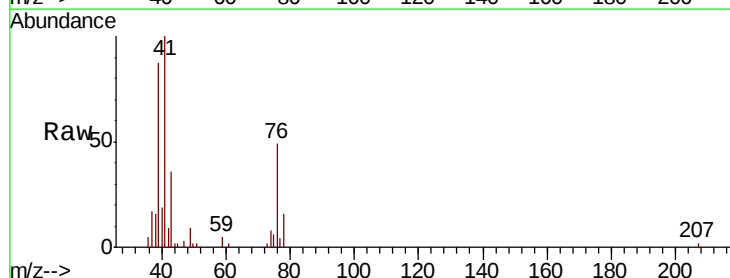
Acq: 21 Aug 2020 15:59

Tgt Ion: 43 Resp: 15780

Ion Ratio Lower Upper

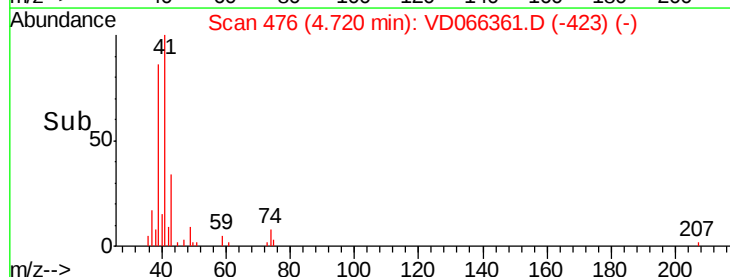
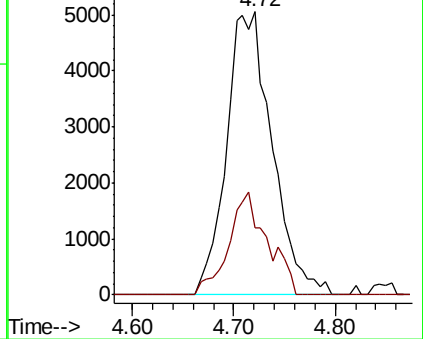
43 100

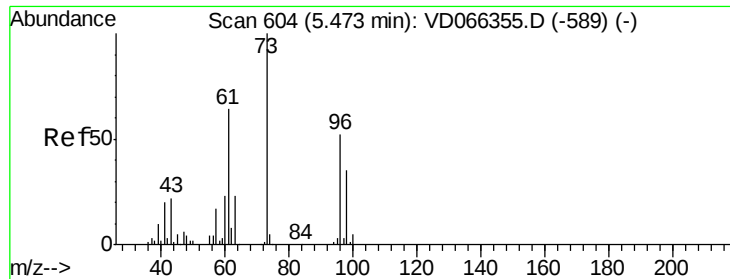
74 30.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

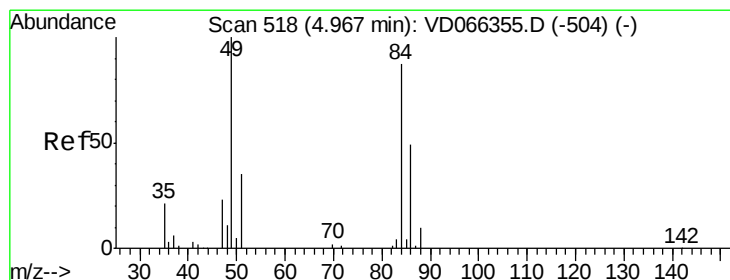
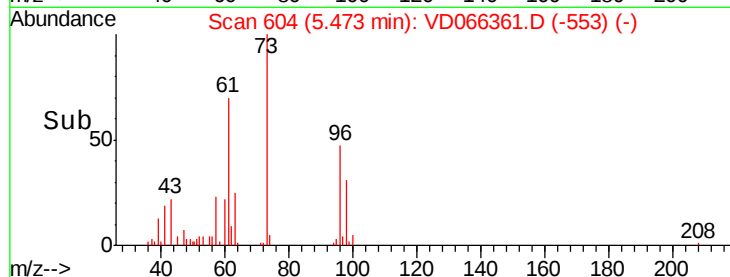
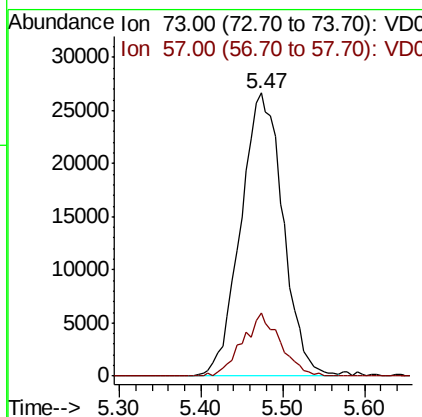
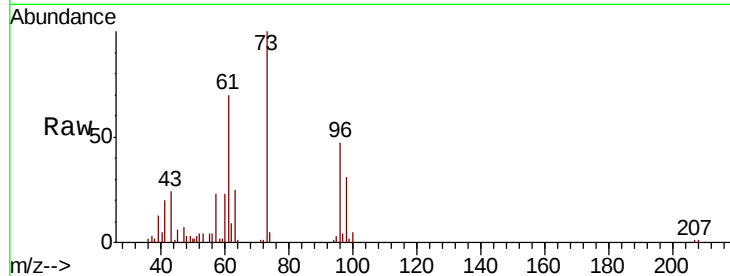




#19
Methyl tert-butyl Ether
Concen: 19.008 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

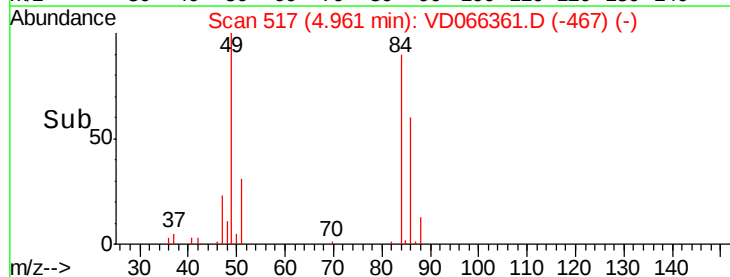
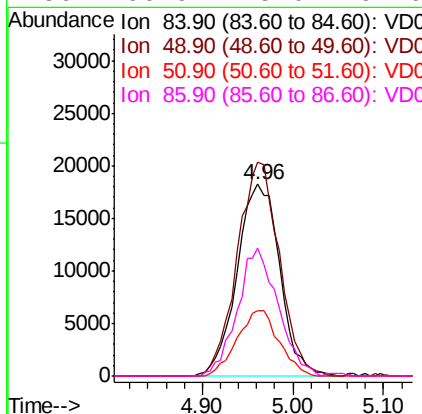
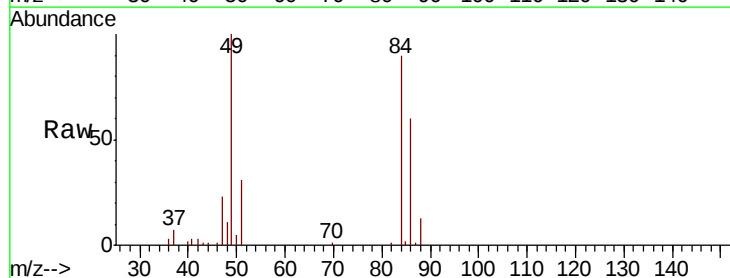
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

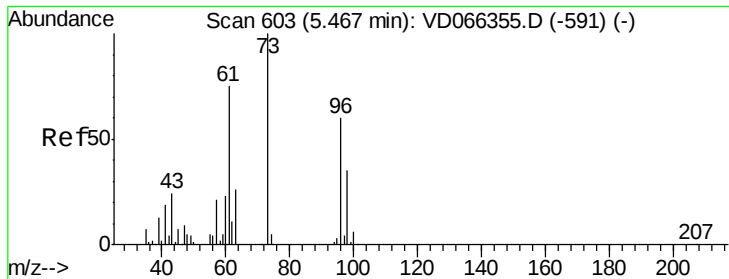
Tot Ion: 73 Resp: 95661
Ion Ratio Lower Upper
73 100
57 22.5 13.8 20.6#



#20
Methylene Chloride
Concen: 21.022 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 84 Resp: 59807
Ion Ratio Lower Upper
84 100
49 111.4 92.5 138.7
51 34.3 32.5 48.7
86 66.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 18.077 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

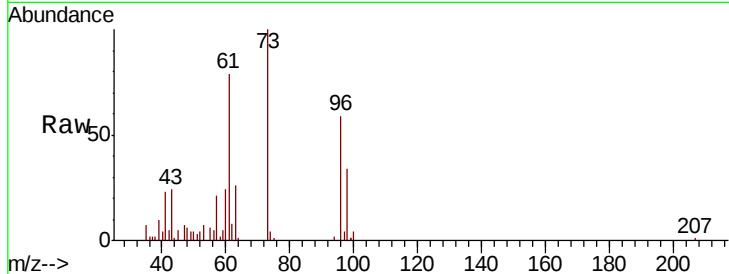
Tot Ion: 96 Resp: 43982

Ion Ratio Lower Upper

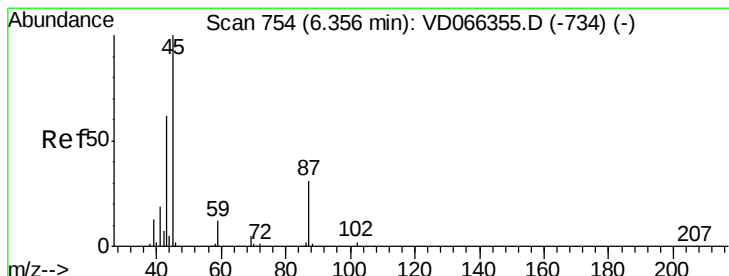
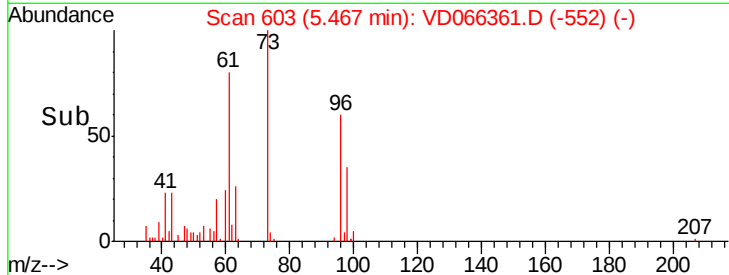
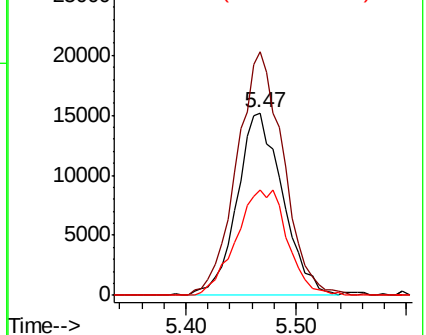
96 100

61 133.6 101.1 151.7

98 58.1 47.0 70.6



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: 19.410 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Tgt Ion: 45 Resp: 104838

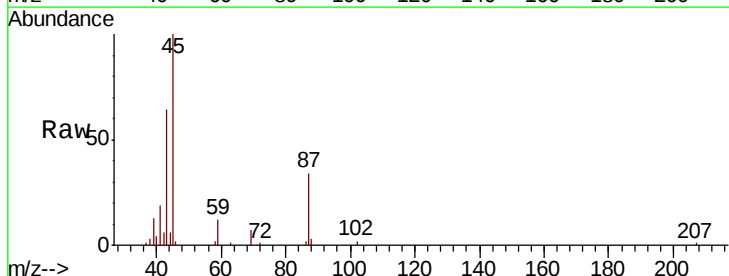
Ion Ratio Lower Upper

45 100

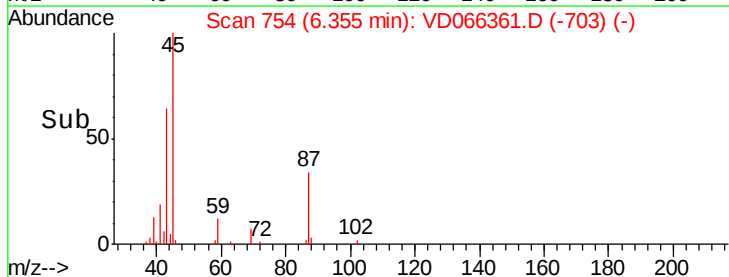
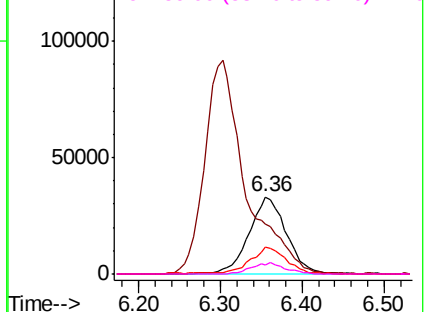
43 63.0 49.8 74.8

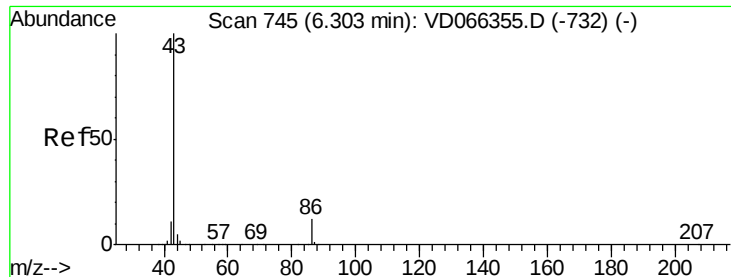
87 34.1 25.0 37.6

59 12.0 9.6 14.4



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: 96.000 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

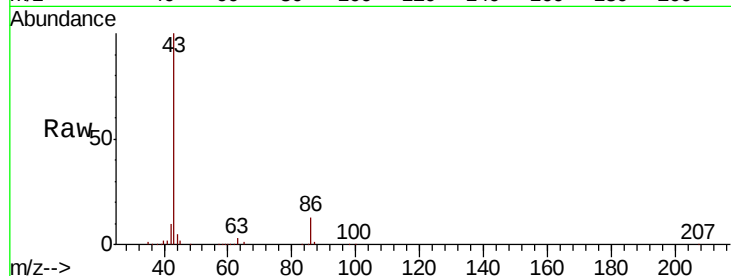
VD0821SBS01

Tot Ion: 43 Resp: 321000

Ion Ratio Lower Upper

43 100

86 12.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

100000

80000

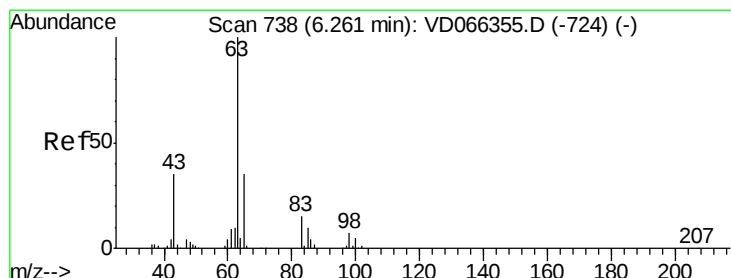
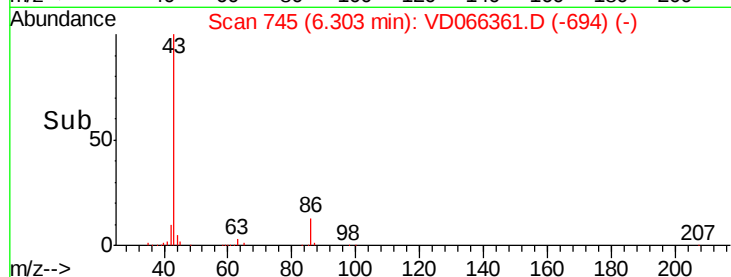
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.916 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

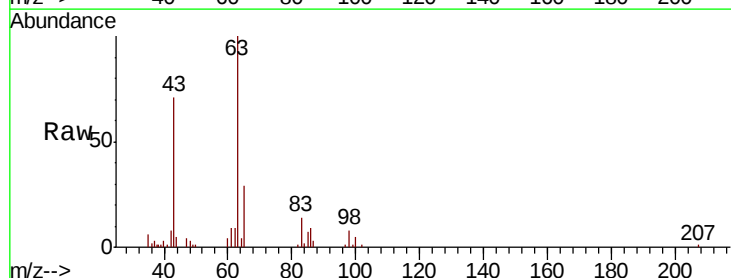
Tgt Ion: 63 Resp: 72201

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.6

100 4.8 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

30000

25000

20000

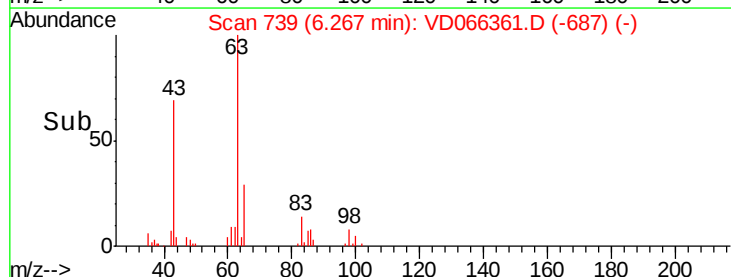
15000

10000

5000

0

Time-->





#25

2-Butanone

Concen: 96.336 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

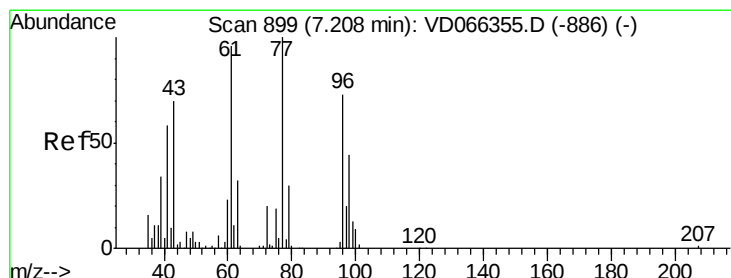
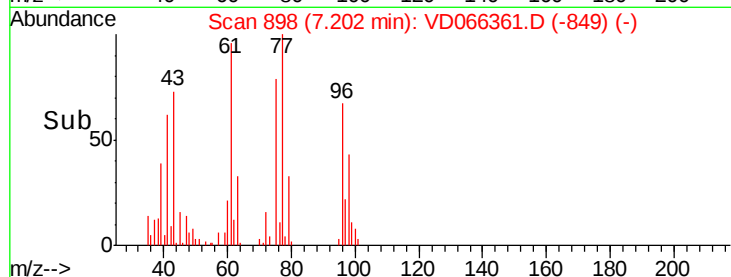
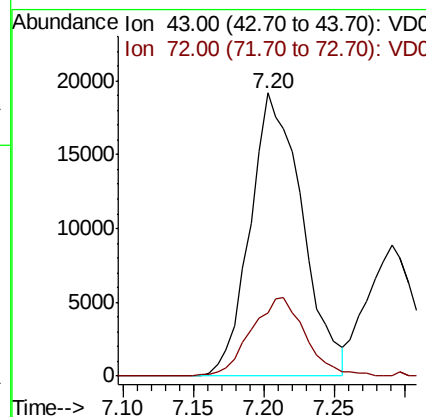
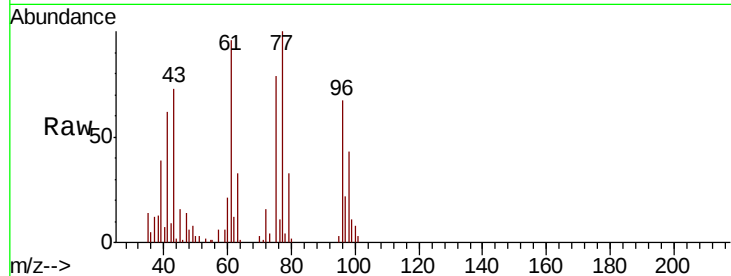
VD0821SBSD01

Tot Ion: 43 Resp: 49571

Ion Ratio Lower Upper

43 100

72 22.2 22.5 33.7#



#26

2,2-Dichloropropane

Concen: 19.506 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066361.D

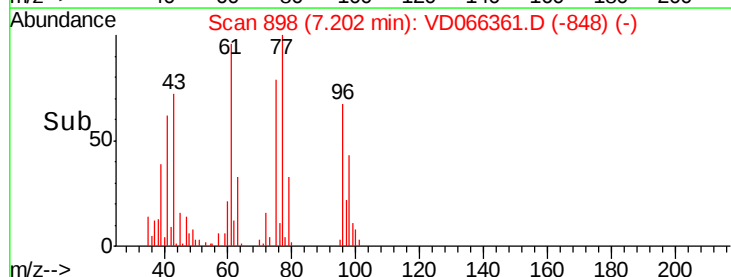
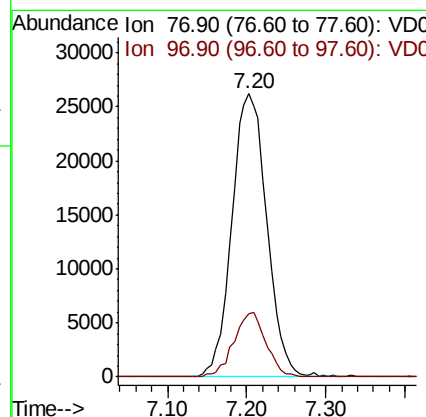
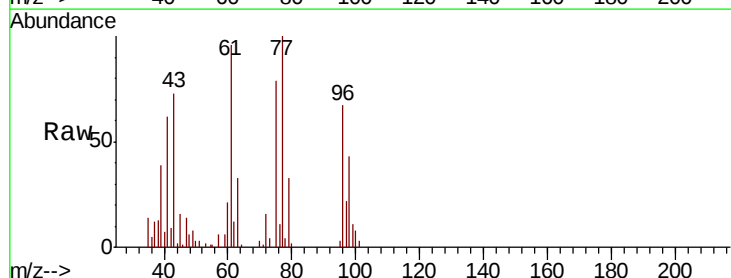
Acq: 21 Aug 2020 15:59

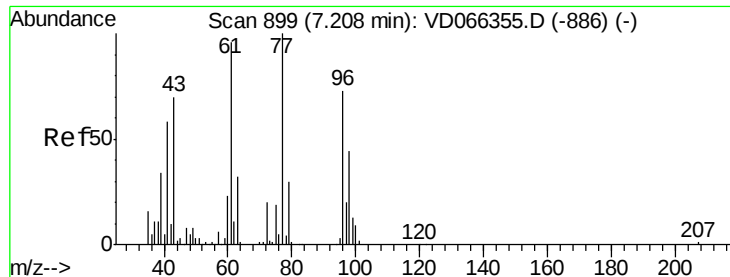
Tgt Ion: 77 Resp: 79801

Ion Ratio Lower Upper

77 100

97 20.9 10.7 31.9



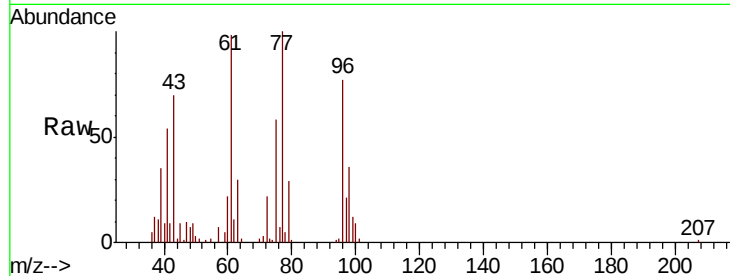


#27

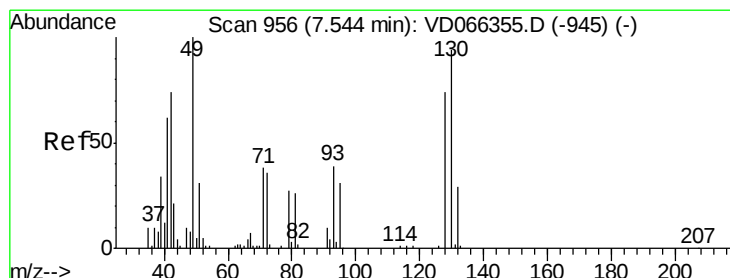
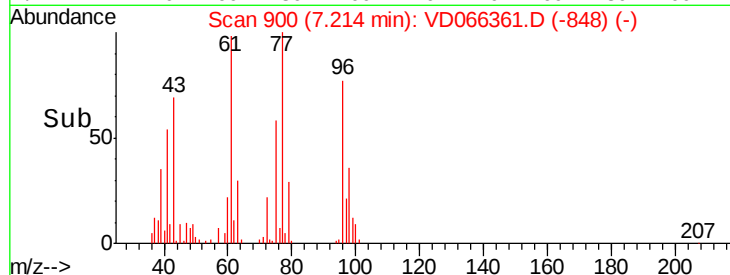
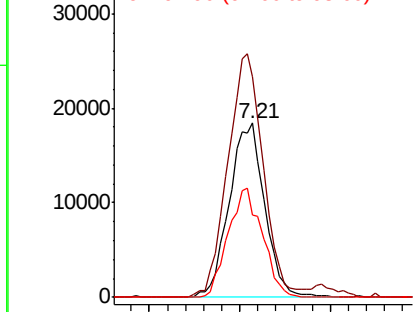
cis-1,2-Dichloroethene
 Concen: 19.222 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

Tot Ion: 96 Resp: 50110
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 281.4
 98 60.3 0.0 132.2



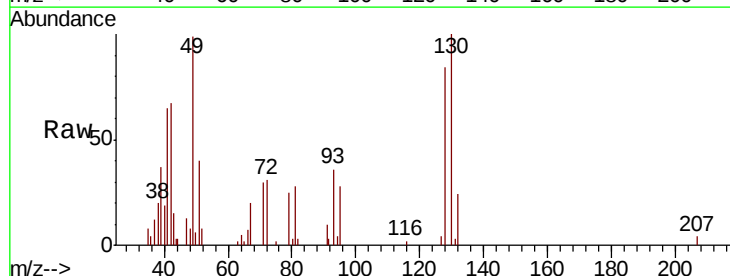
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



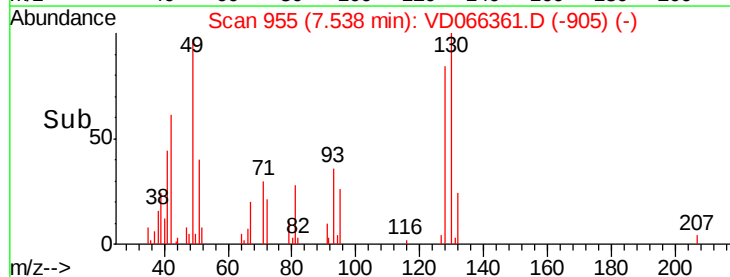
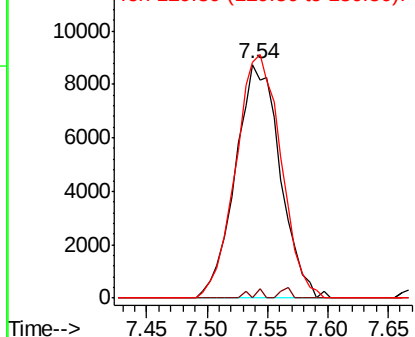
#28

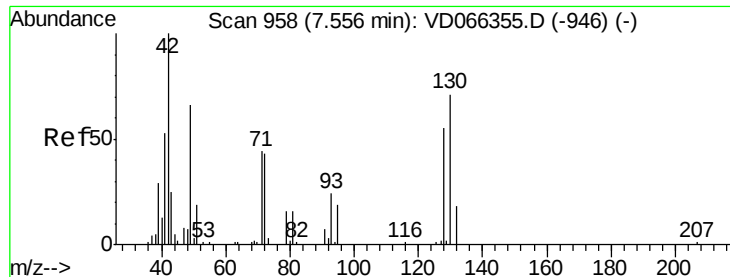
Bromochloromethane
 Concen: 17.199 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion: 49 Resp: 22613
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.0
 130 105.2 82.6 124.0



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

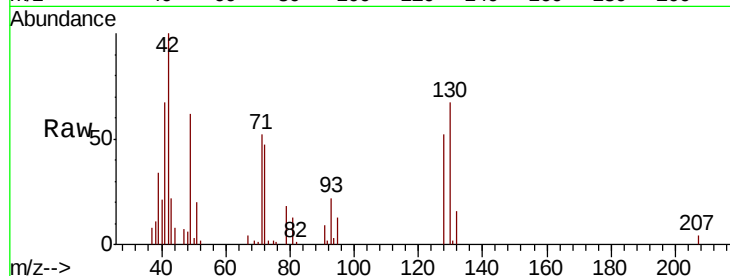




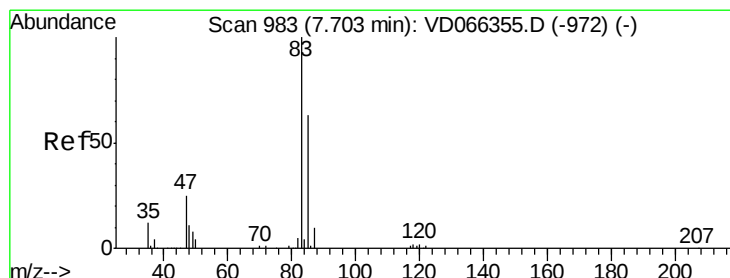
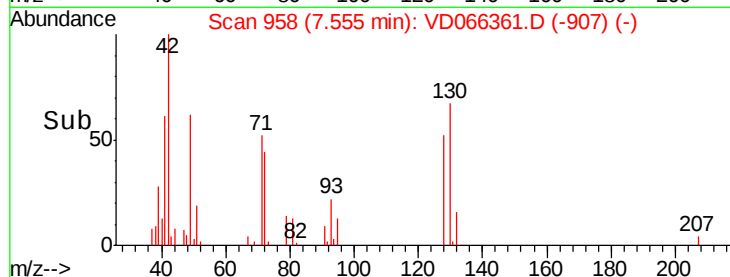
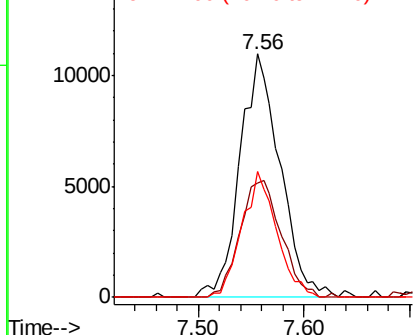
#29
Tetrahydrofuran
Concen: 98.694 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

Tot Ion: 42 Resp: 28845
Ion Ratio Lower Upper
42 100
72 49.5 41.0 61.4
71 44.8 37.2 55.8

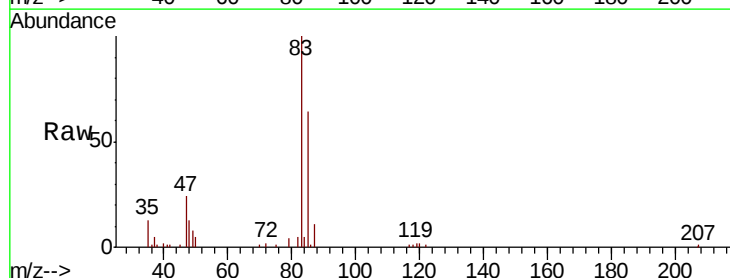


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

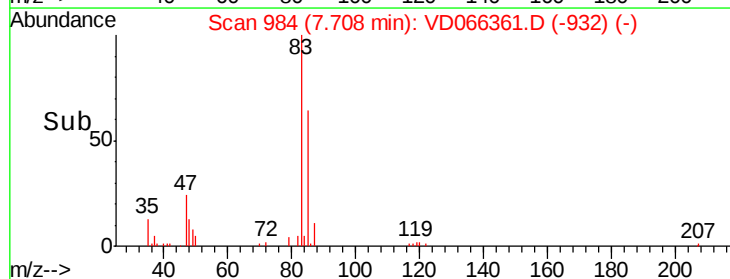
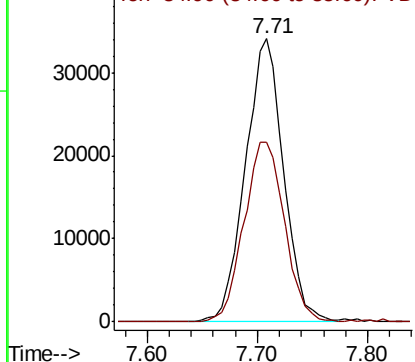


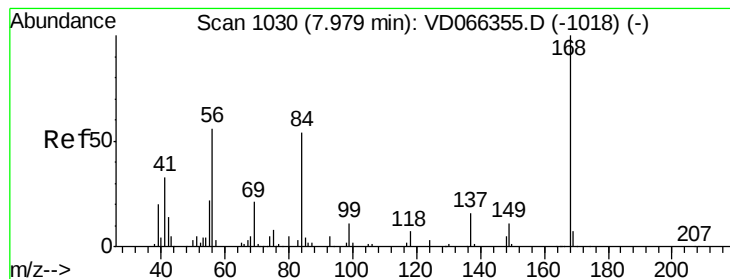
#30
Chloroform
Concen: 18.773 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 83 Resp: 82904
Ion Ratio Lower Upper
83 100
85 63.5 50.3 75.5



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





#31

Cyclohexane

Concen: 18.958 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

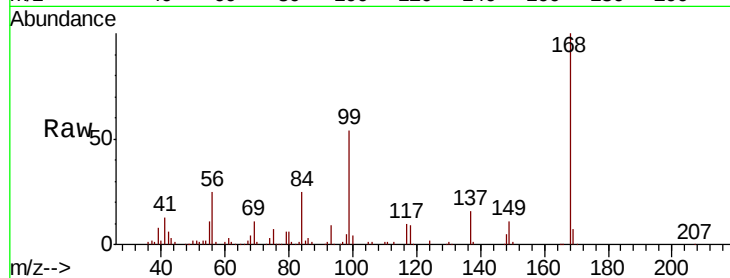
Tot Ion: 56 Resp: 66182

Ion Ratio Lower Upper

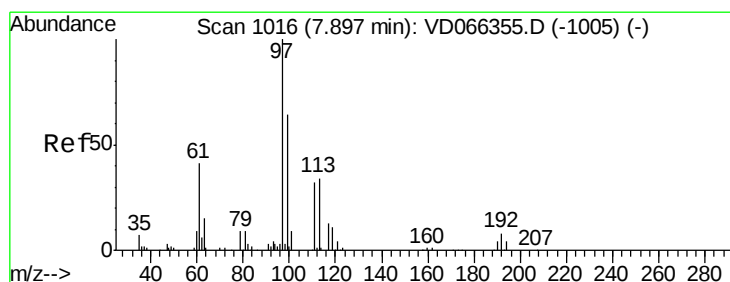
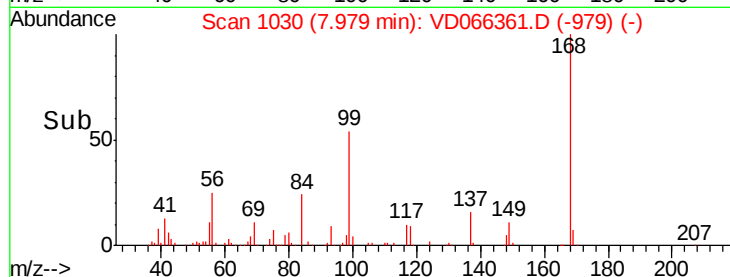
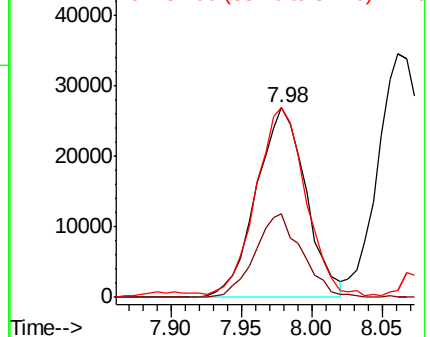
56 100

69 43.8 29.6 44.4

84 98.6 76.6 115.0



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



#32

1,1,1-Trichloroethane

Concen: 19.204 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

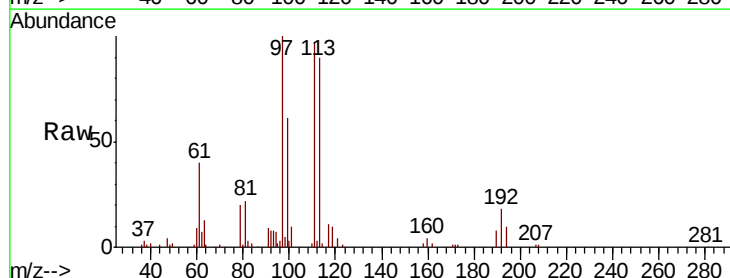
Tgt Ion: 97 Resp: 86799

Ion Ratio Lower Upper

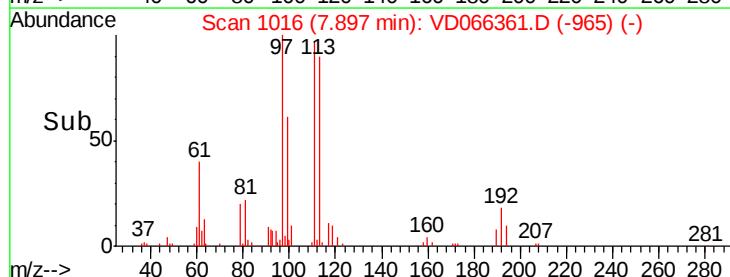
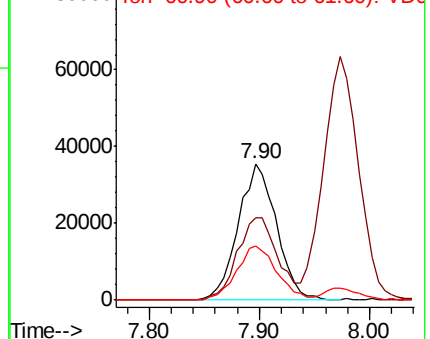
97 100

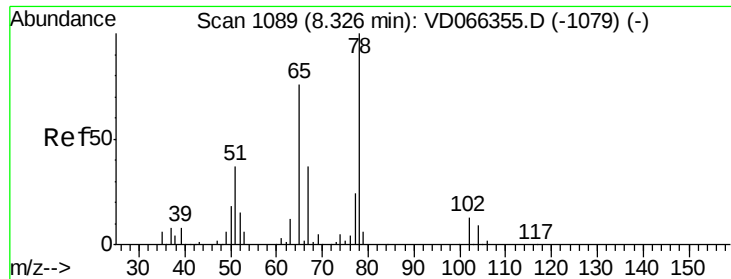
99 62.7 51.5 77.3

61 41.3 33.3 49.9



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

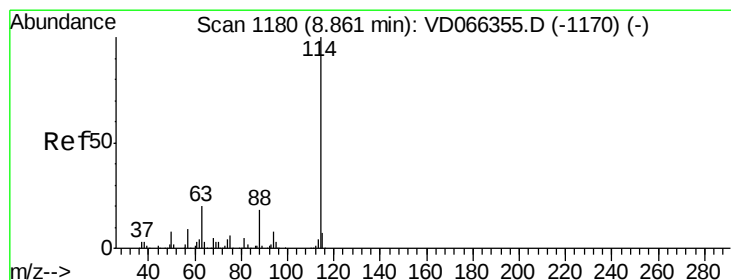
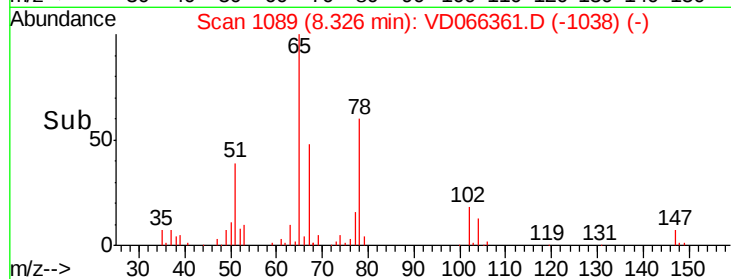
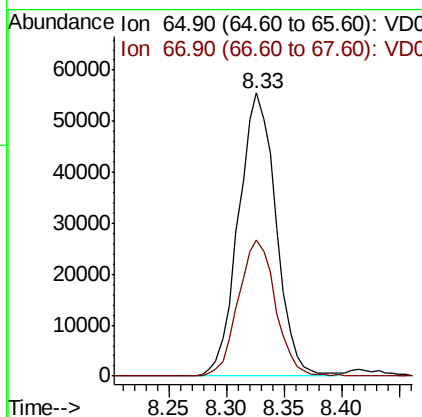
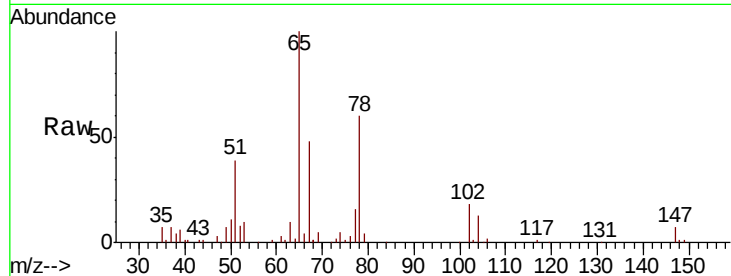




#33
 1,2-Dichloroethane-d4
 Concen: 49.886 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

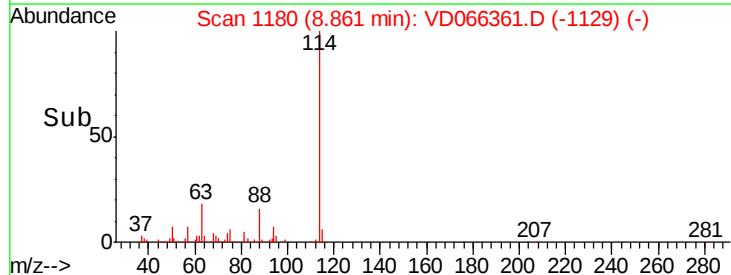
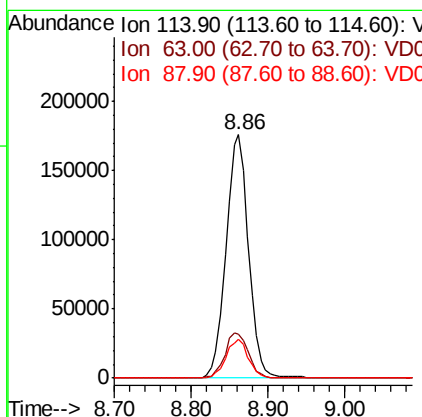
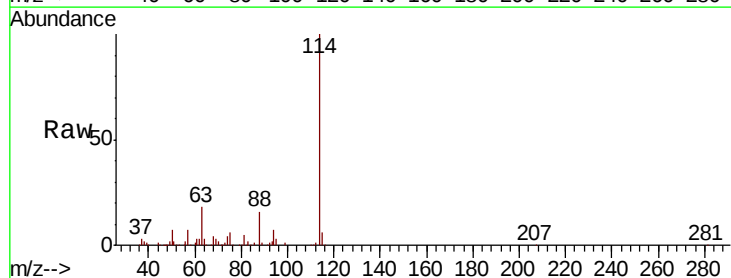
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

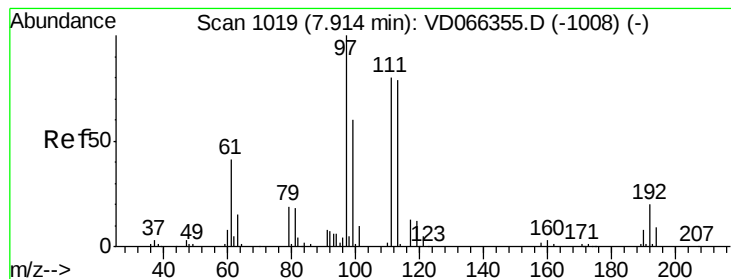
Tot Ion: 65 Resp: 125421
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion: 114 Resp: 357621
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 40.8
 88 15.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.797 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBS01

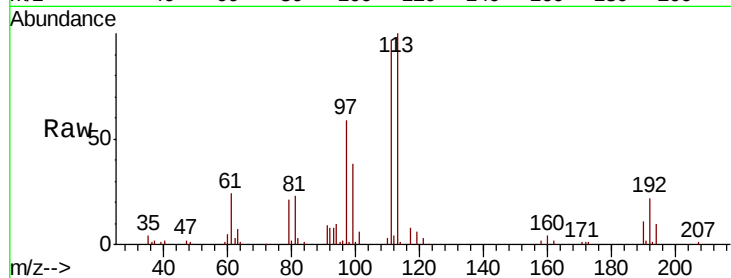
Tot Ion:113 Resp: 111359

Ion Ratio Lower Upper

113 100

111 101.3 80.3 120.5

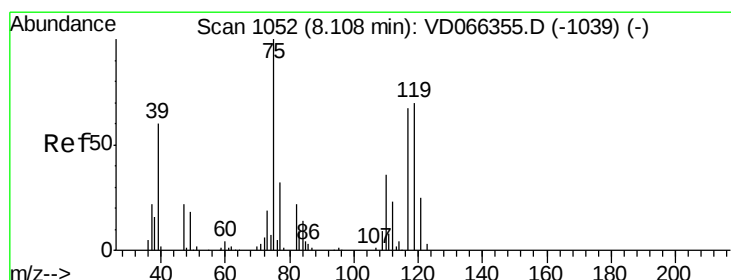
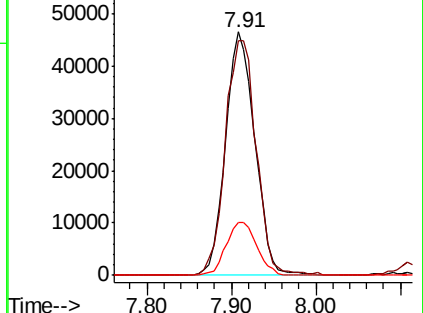
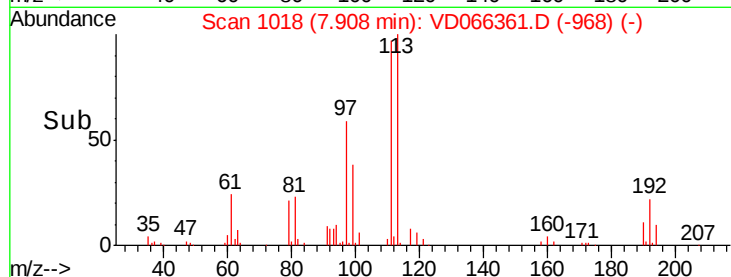
192 22.7 19.0 28.6



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: 19.643 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

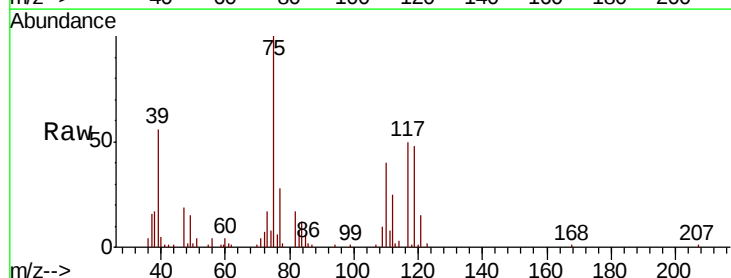
Tgt Ion: 75 Resp: 64096

Ion Ratio Lower Upper

75 100

110 36.8 18.7 56.1

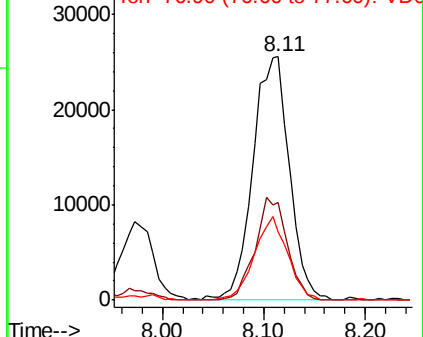
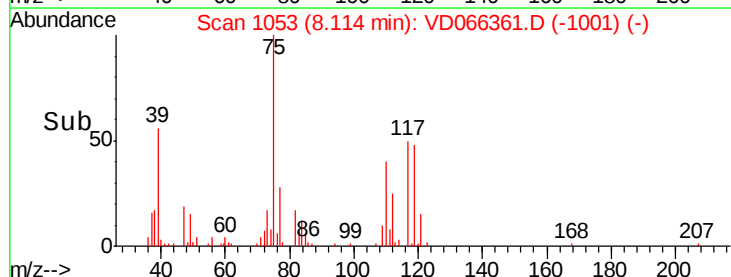
77 31.3 25.2 37.8

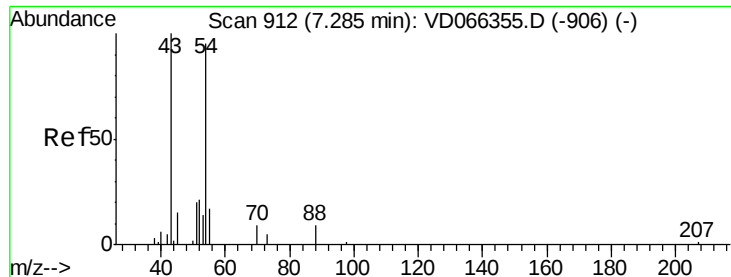


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

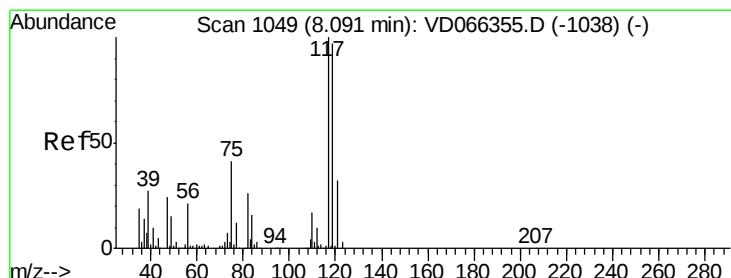
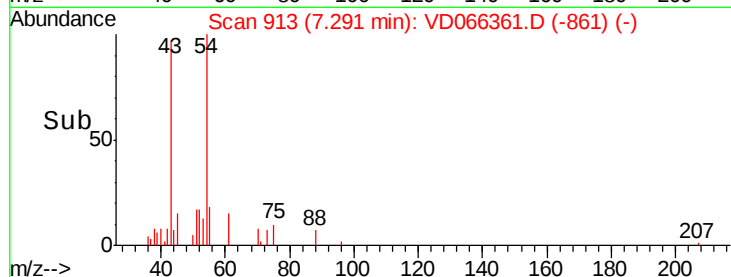
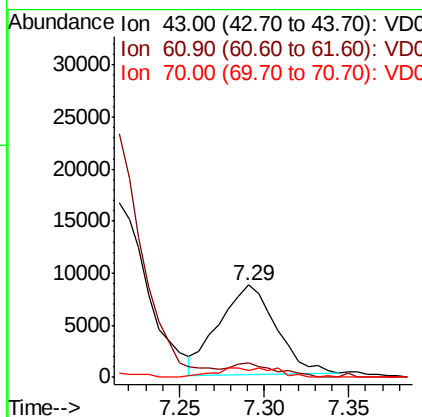
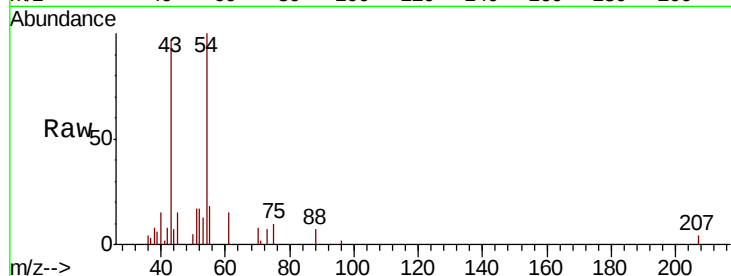




#37
Ethyl Acetate
Concen: 18.180 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

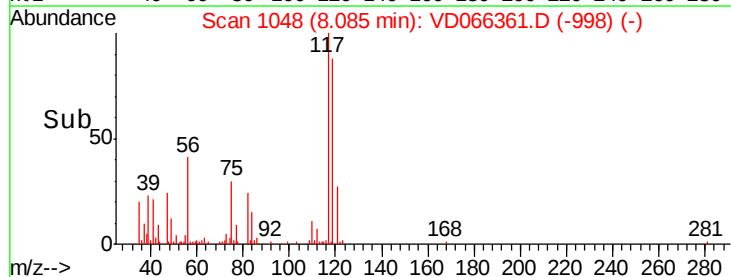
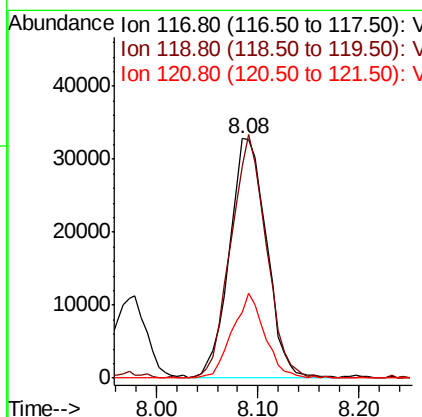
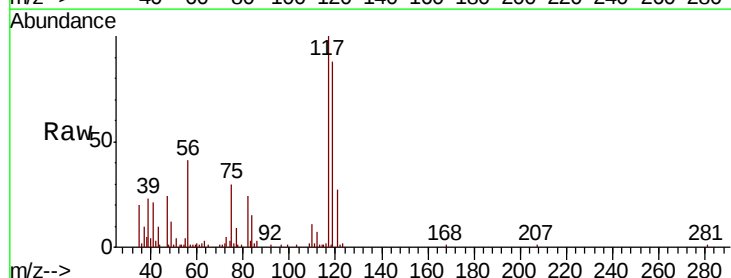
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

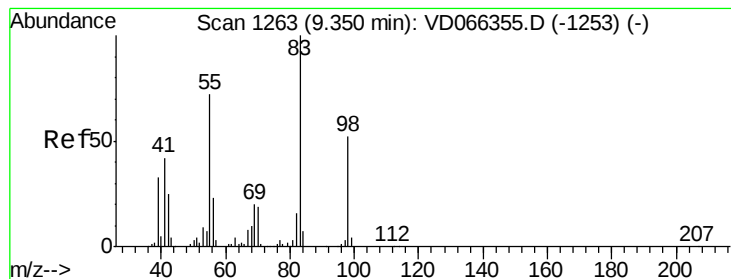
Tot Ion: 43 Resp: 20177
Ion Ratio Lower Upper
43 100
61 12.9 13.3 19.9#
70 11.7 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 19.676 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 117 Resp: 83648
Ion Ratio Lower Upper
117 100
119 88.4 77.2 115.8
121 27.2 25.8 38.8





#39

Methvlcvclohexane

Concen: 19.553 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

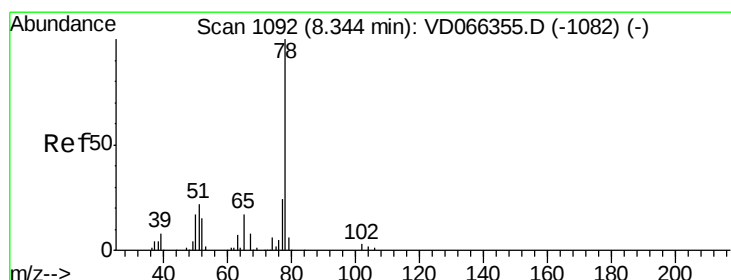
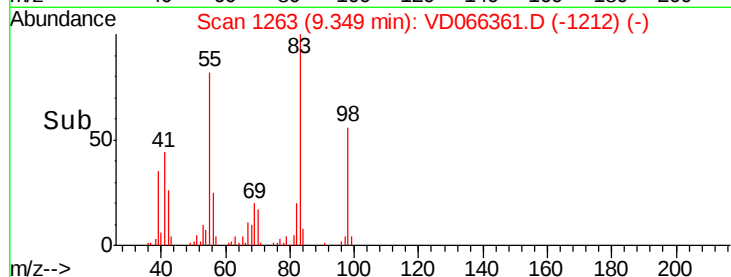
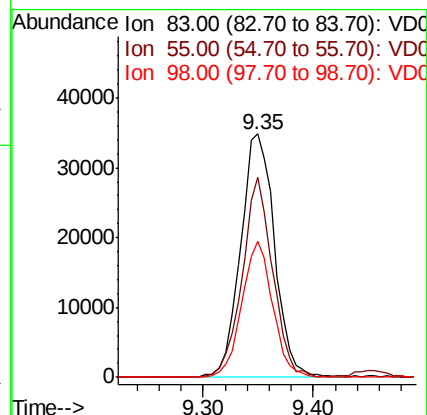
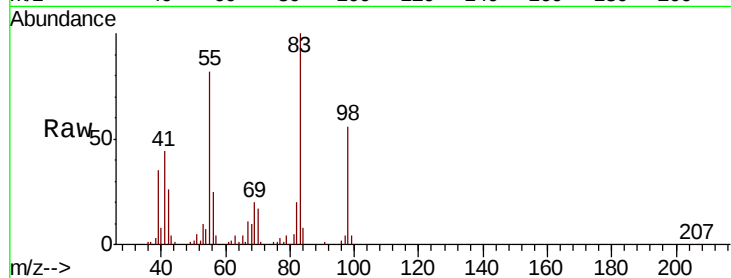
Tot Ion: 83 Resp: 75159

Ion Ratio Lower Upper

83 100

55 82.3 58.0 87.0

98 56.0 41.9 62.9



#40

Benzene

Concen: 19.797 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD066361.D

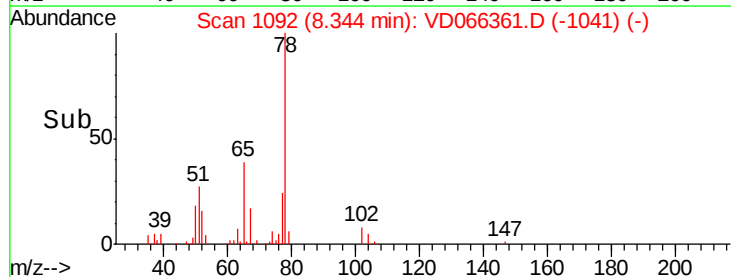
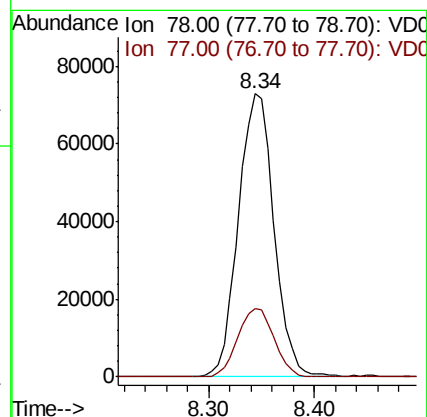
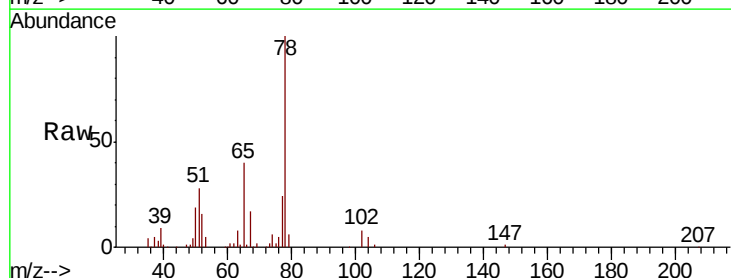
Acq: 21 Aug 2020 15:59

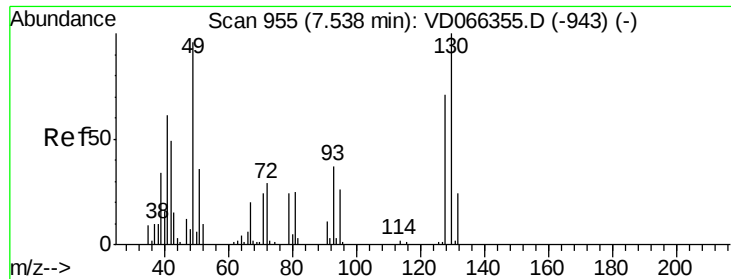
Tgt Ion: 78 Resp: 169942

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 46.417 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

Tot Ion: 41 Resp: 31768

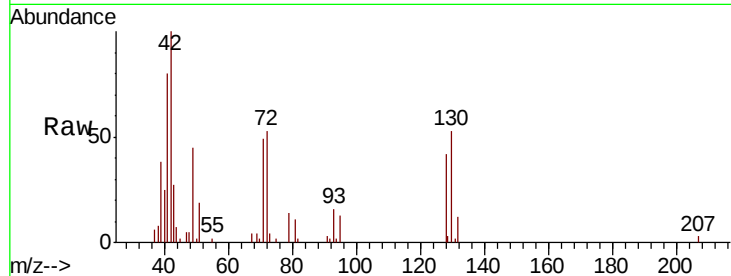
Ion Ratio Lower Upper

41 100

39 0.0 51.8 77.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

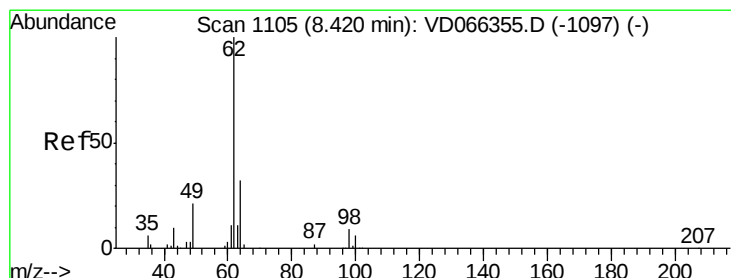
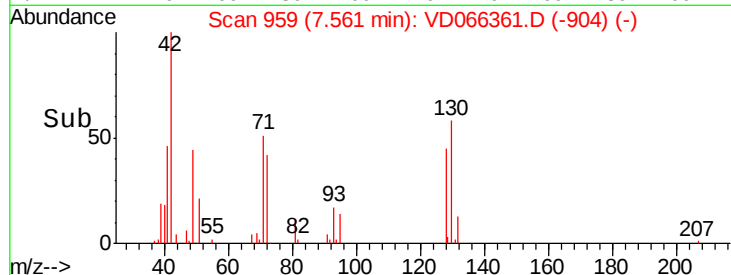
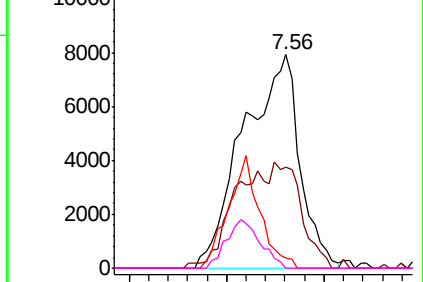


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.654 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066361.D

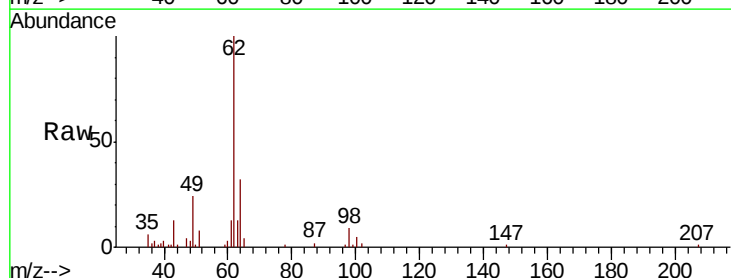
Acq: 21 Aug 2020 15:59

Tgt Ion: 62 Resp: 59420

Ion Ratio Lower Upper

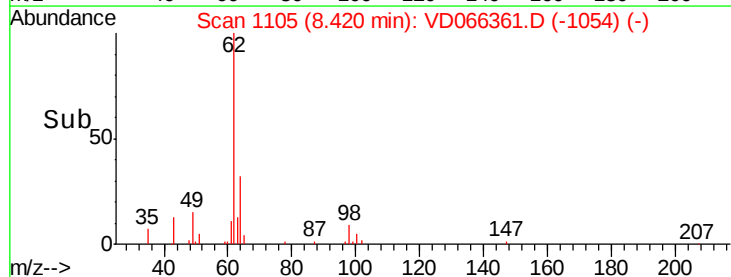
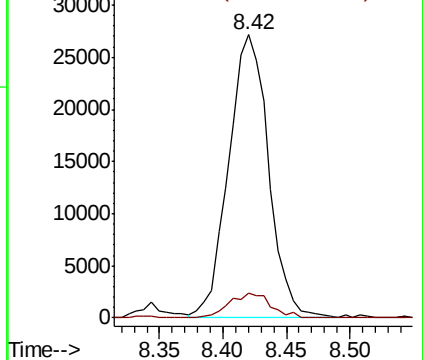
62 100

98 9.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.246 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

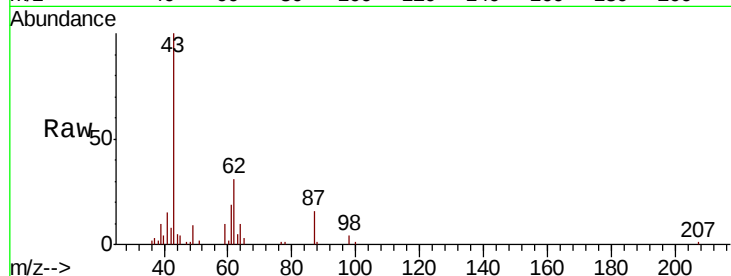
Tot Ion: 43 Resp: 42871

Ion Ratio Lower Upper

43 100

61 33.6 26.5 39.7

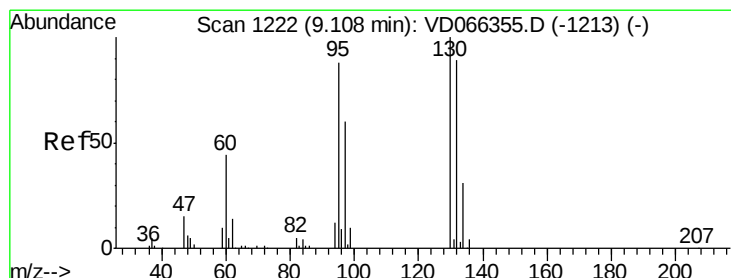
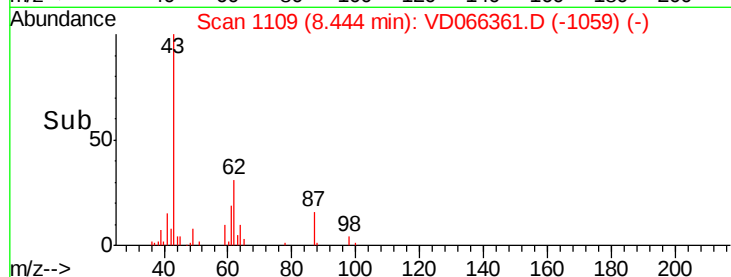
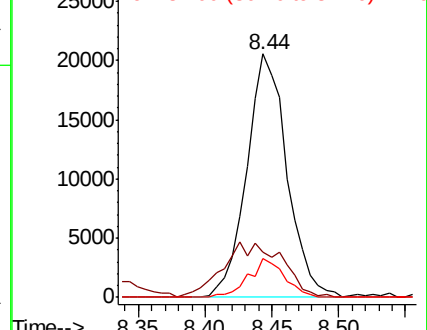
87 14.1 11.9 17.9



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: 19.493 ug/l

RT: 9.10 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VD066361.D

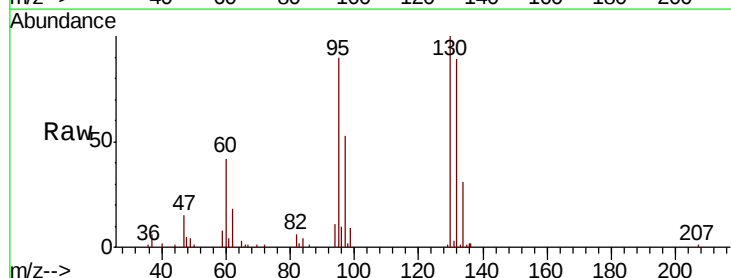
Acq: 21 Aug 2020 15:59

Tgt Ion: 130 Resp: 54373

Ion Ratio Lower Upper

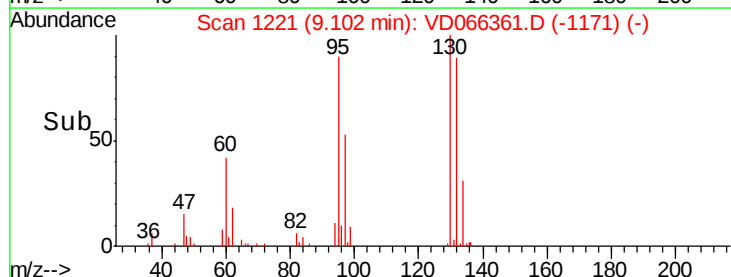
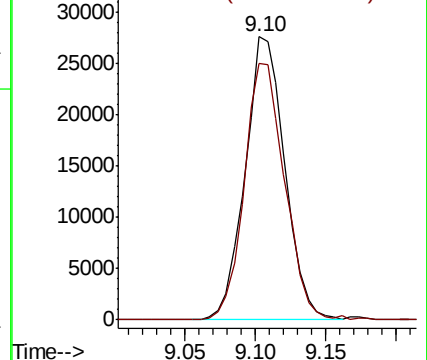
130 100

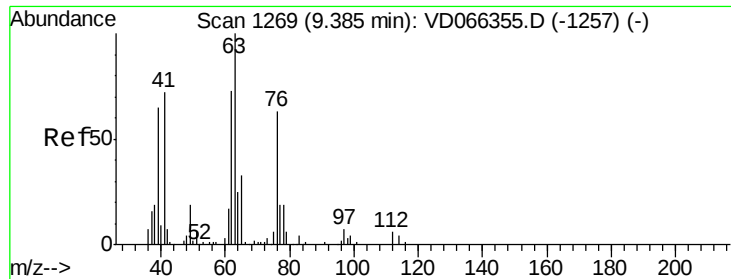
95 90.5 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

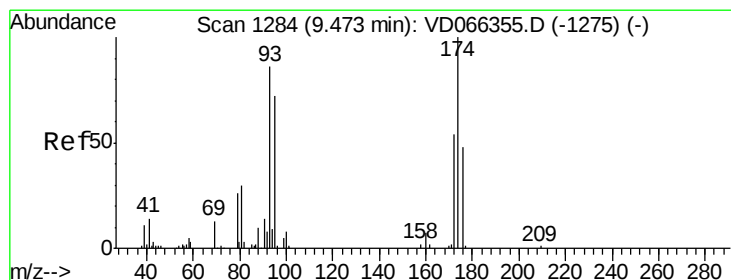
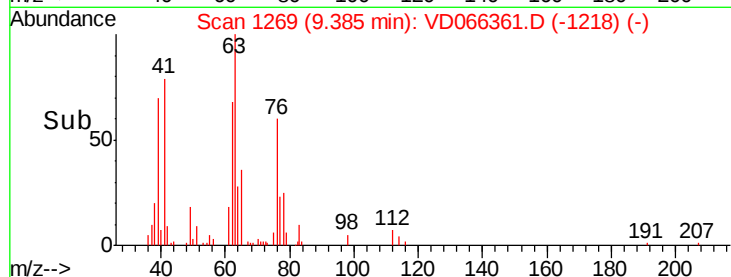
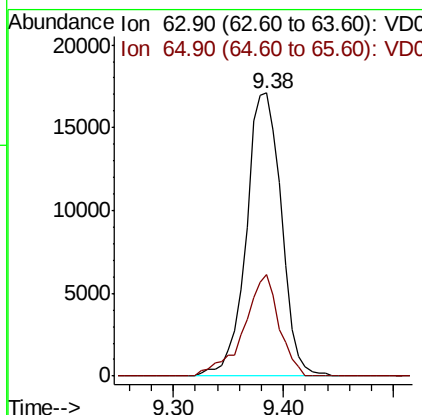
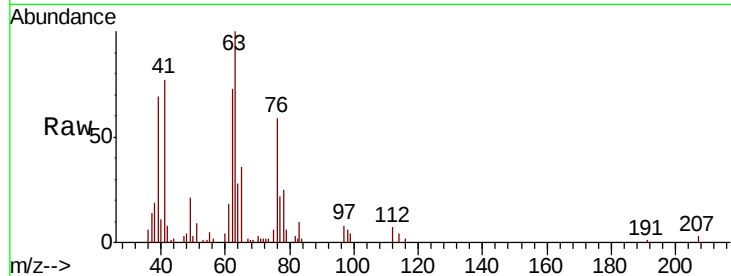




#45
 1,2-Dichloropropane
 Concen: 19.622 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

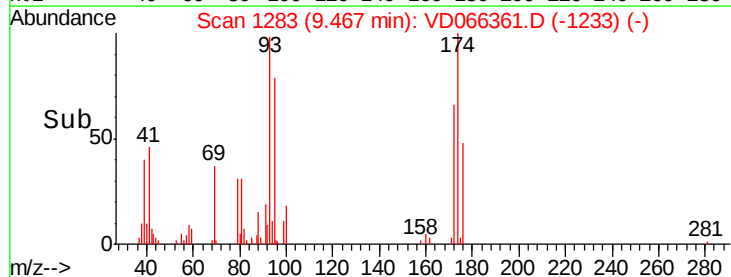
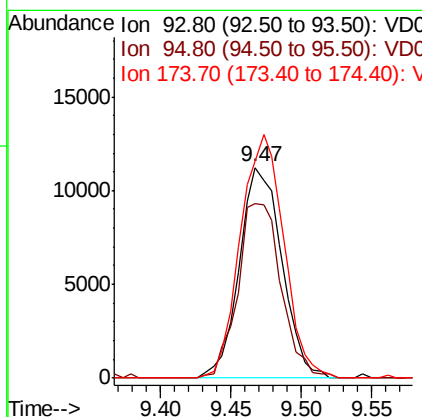
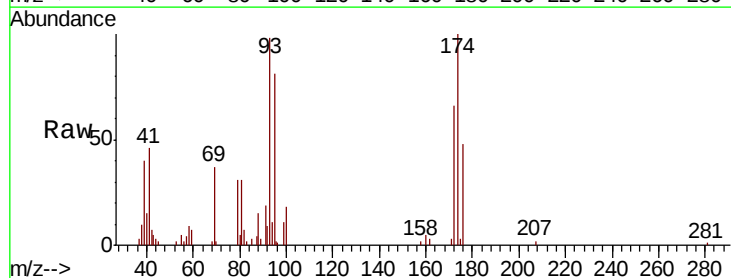
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

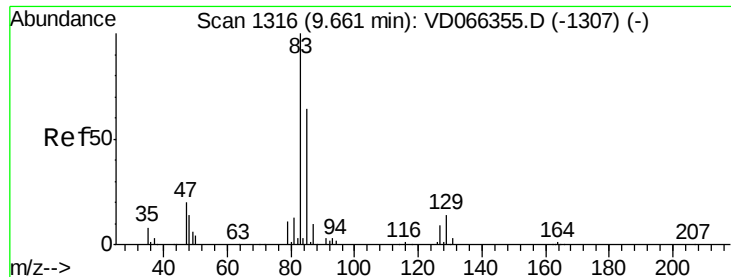
Tot Ion: 63 Resp: 38186
 Ion Ratio Lower Upper
 63 100
 65 35.7 26.4 39.6



#46
 Dibromomethane
 Concen: 19.573 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion: 93 Resp: 23716
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.0 99.0
 174 118.0 94.6 141.8





#47

Bromodichloromethane

Concen: 19.594 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

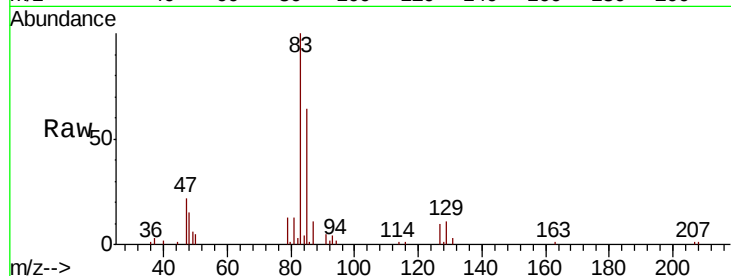
Tot Ion: 83 Resp: 65289

Ion Ratio Lower Upper

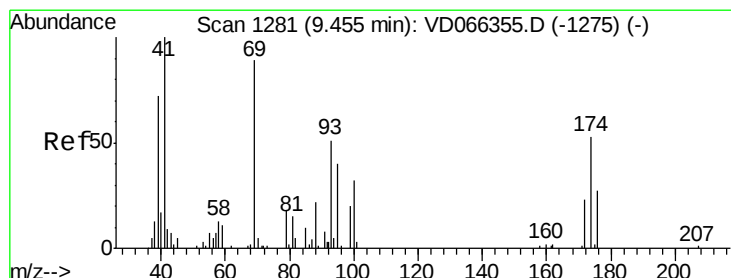
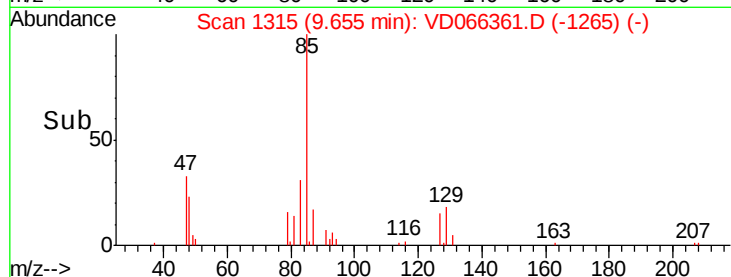
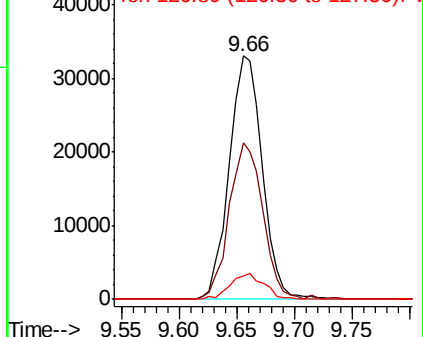
83 100

85 64.3 51.4 77.0

127 9.9 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.609 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

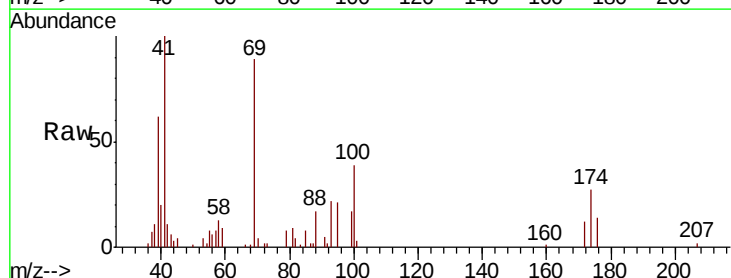
Tgt Ion: 41 Resp: 22525

Ion Ratio Lower Upper

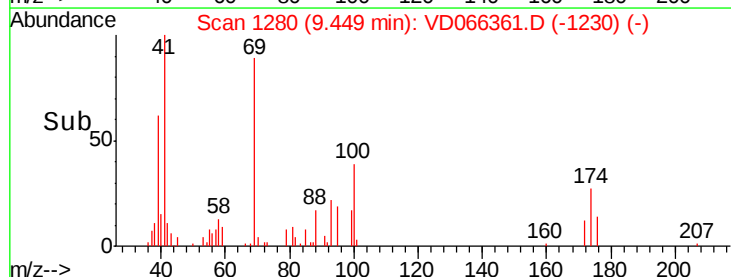
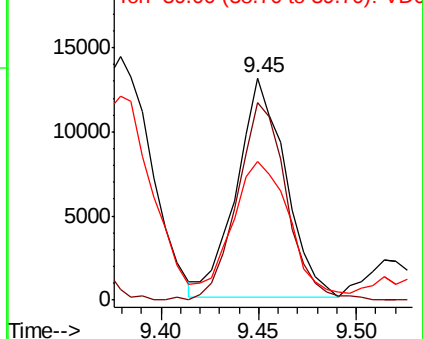
41 100

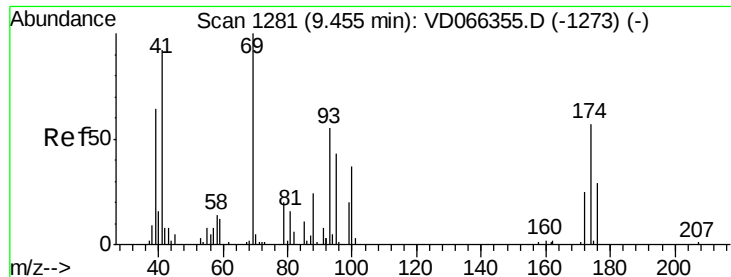
69 90.7 75.5 113.3

39 76.5 57.0 85.4



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

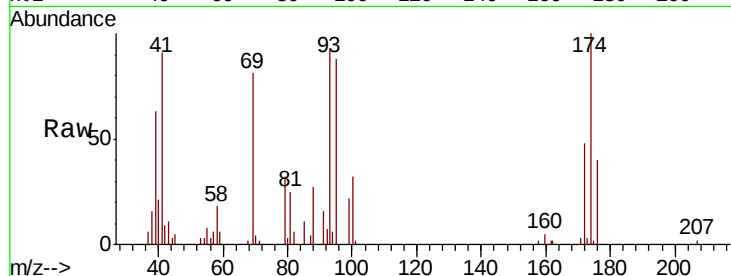




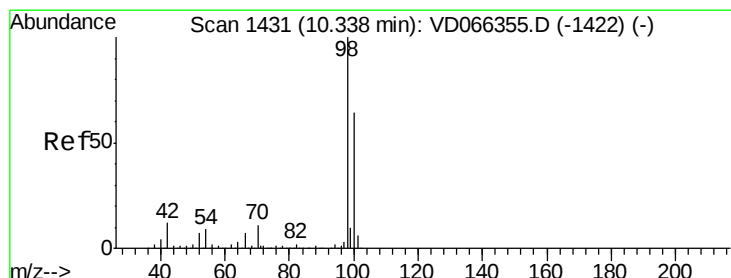
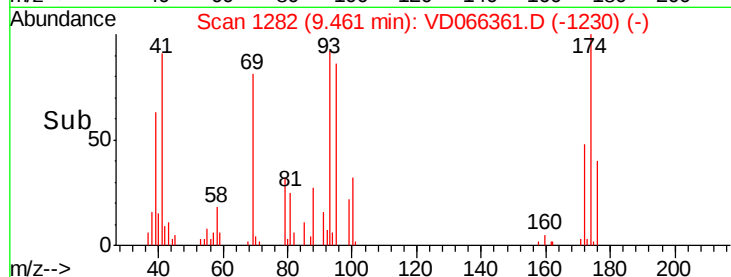
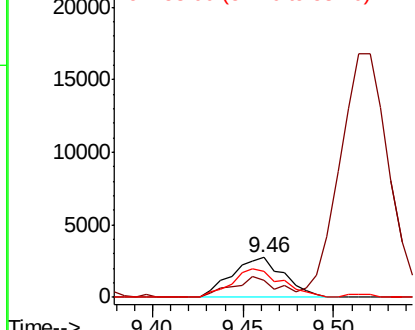
#49
1,4-Dioxane
Concen: 394.192 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBSD01

Tot Ion: 88 Resp: 5546
Ion Ratio Lower Upper
88 100
43 44.2 29.4 44.0#
58 67.9 45.4 68.2

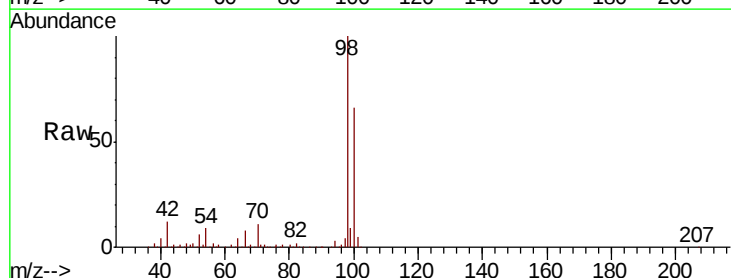


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

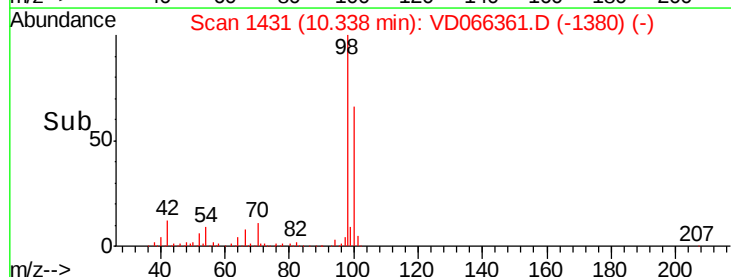
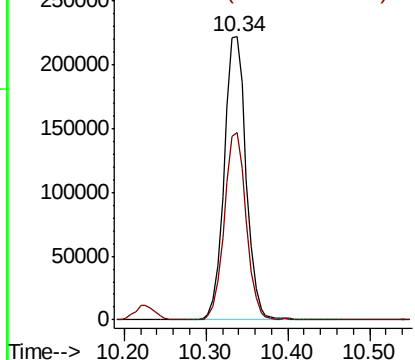


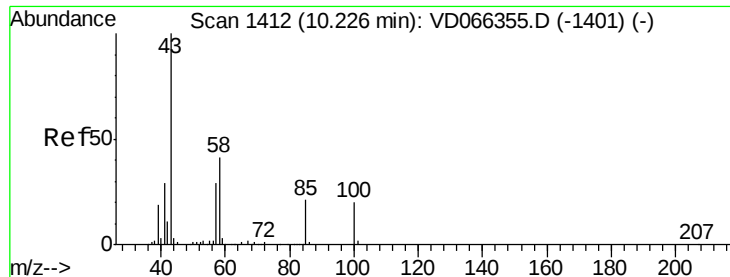
#50
Toluene-d8
Concen: 50.559 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 98 Resp: 413677
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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: 99.234 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

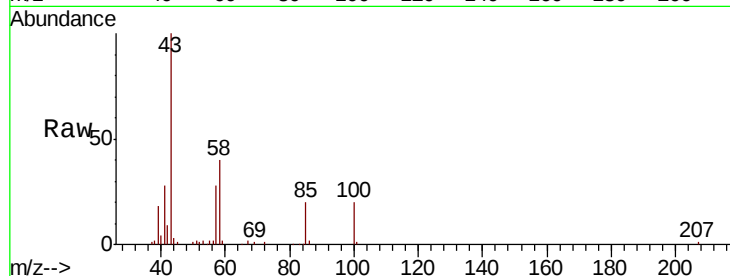
VD0821SBSD01

Tot Ion: 43 Resp: 106935

Ion Ratio Lower Upper

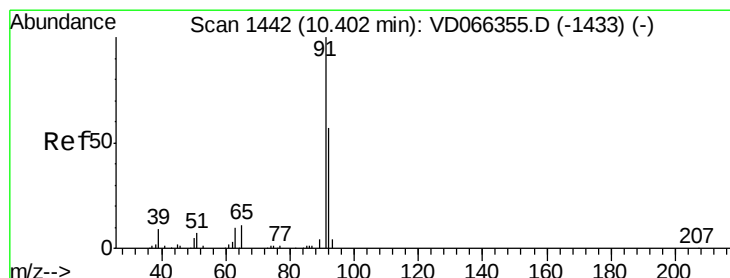
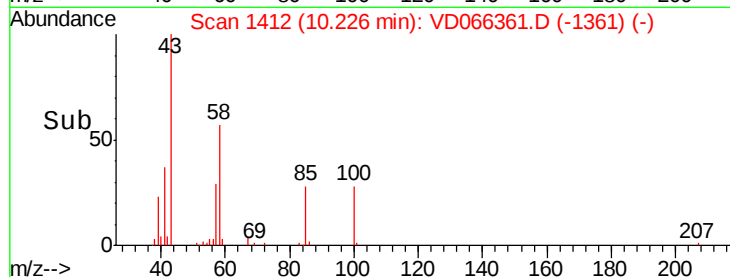
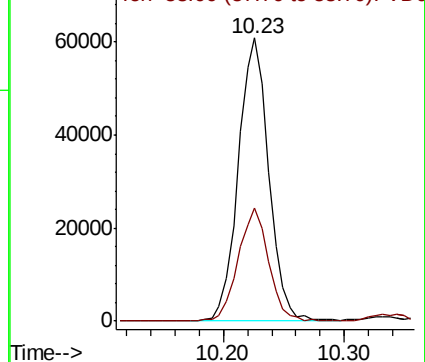
43 100

58 39.7 31.4 47.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 19.731 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066361.D

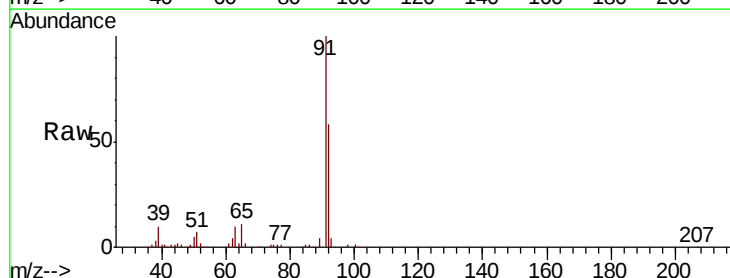
Acq: 21 Aug 2020 15:59

Tgt Ion: 92 Resp: 114748

Ion Ratio Lower Upper

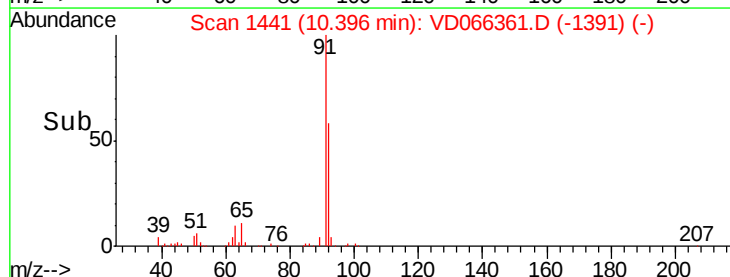
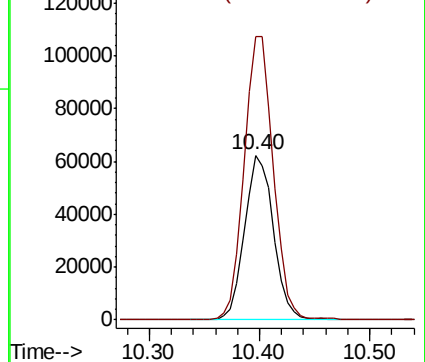
92 100

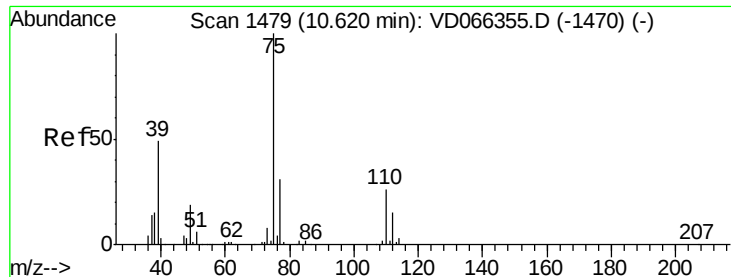
91 174.5 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

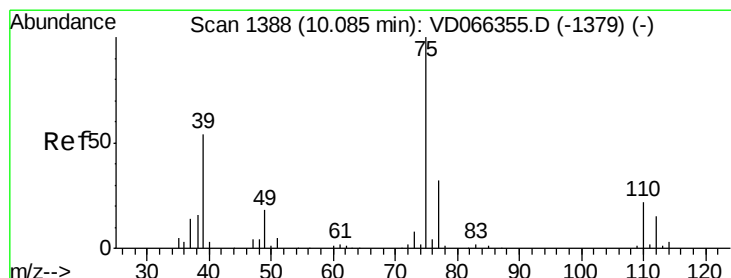
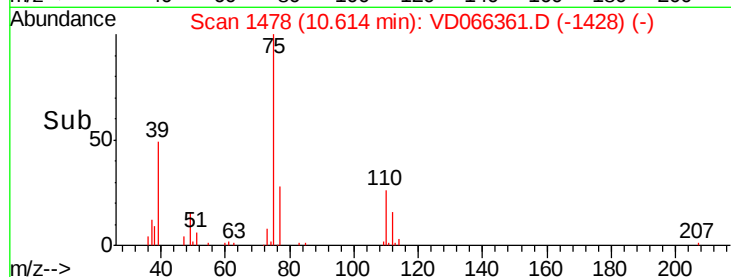
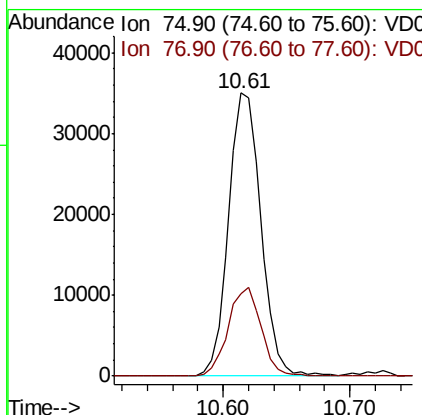
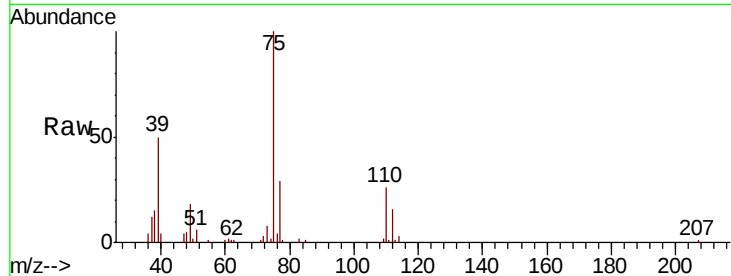




#53
t-1,3-Dichloropropene
Concen: 19.555 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

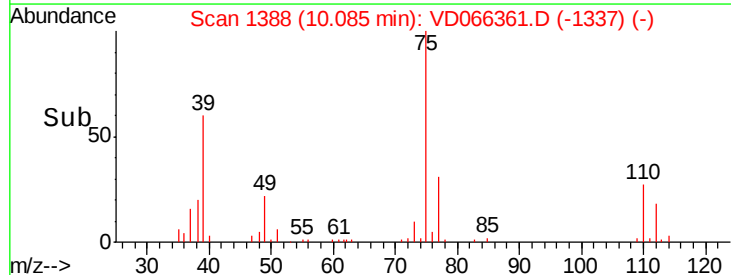
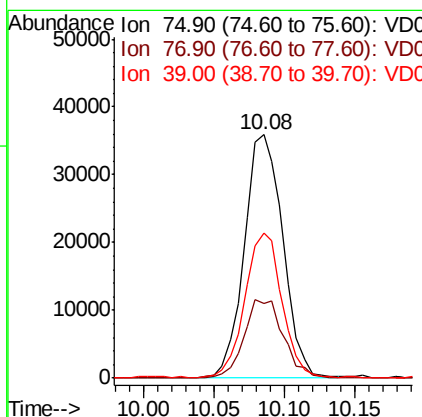
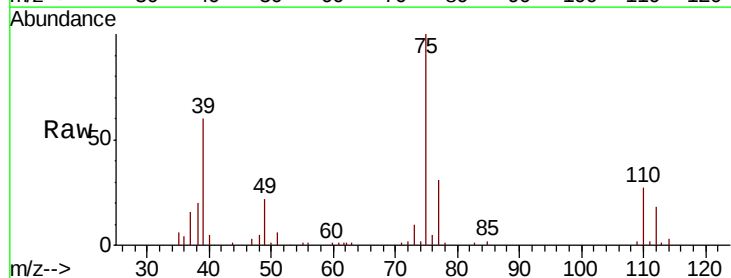
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBSD01

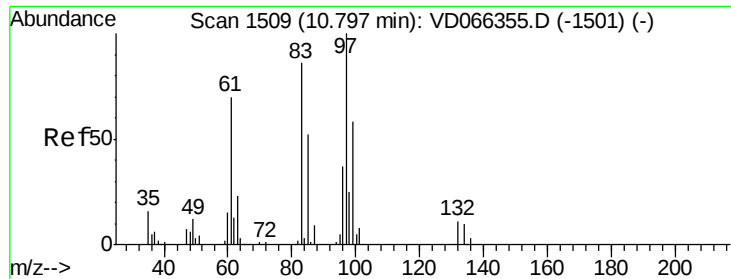
Tot Ion: 75 Resp: 61830
Ion Ratio Lower Upper
75 100
77 29.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.417 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 75 Resp: 68909
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 59.6 43.4 65.0

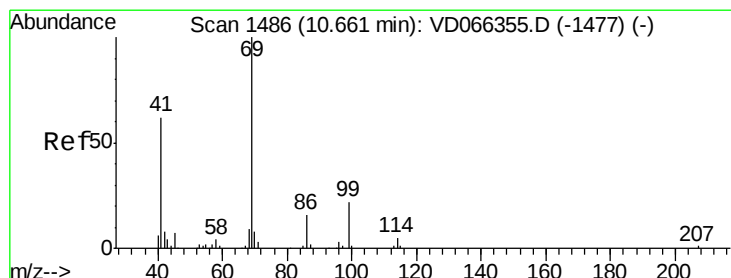
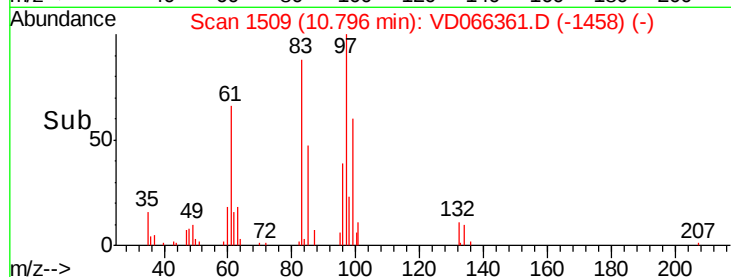
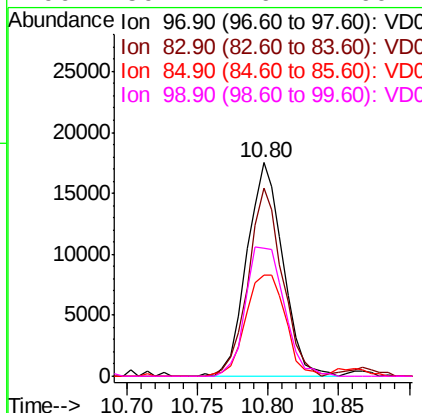
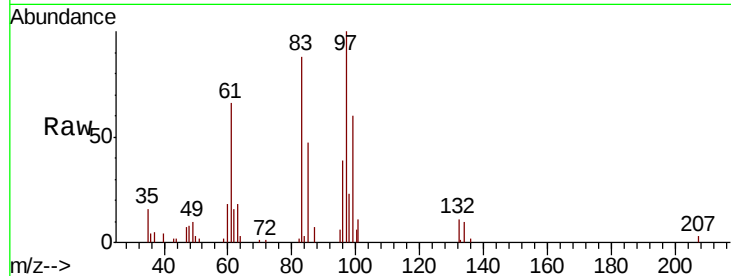




#55
 1,1,2-Trichloroethane
 Concen: 19.052 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

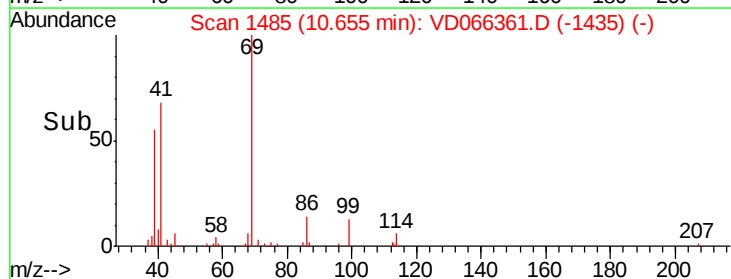
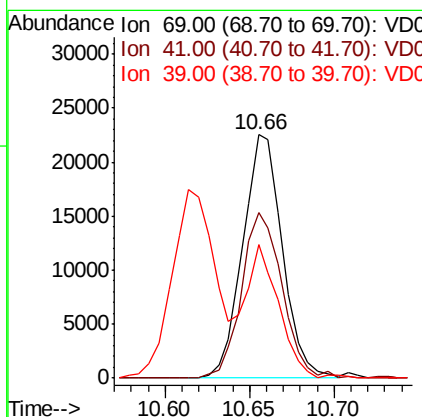
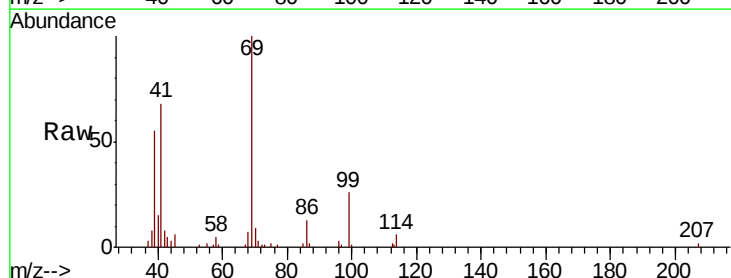
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

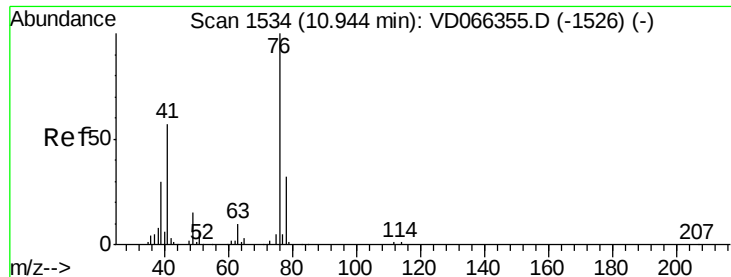
Tot Ion:	97	Resp:	31251
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.4	102.6
85	47.2	41.3	61.9
99	59.7	46.1	69.1



#56
 Ethyl methacrylate
 Concen: 19.422 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion:	69	Resp:	36880
Ion	Ratio	Lower	Upper
69	100		
41	69.4	50.8	76.2
39	48.0	32.9	49.3

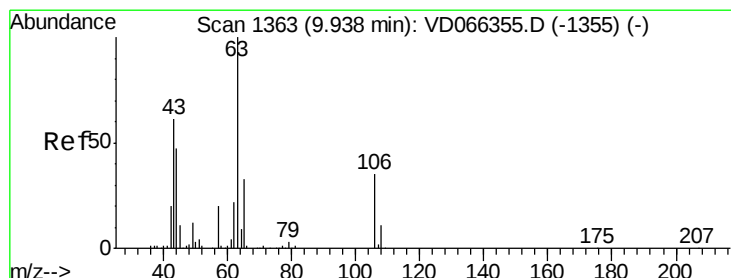
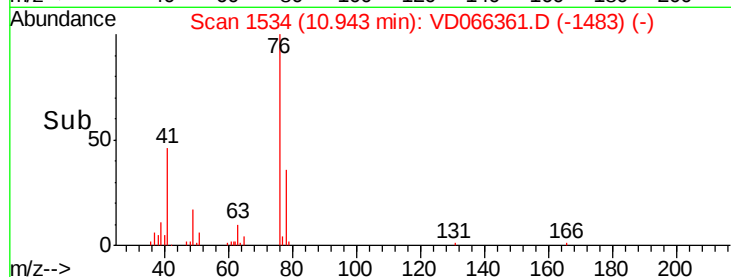
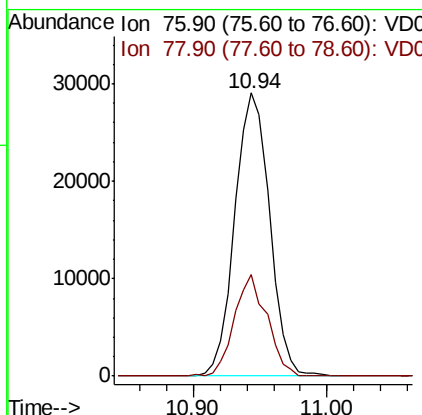
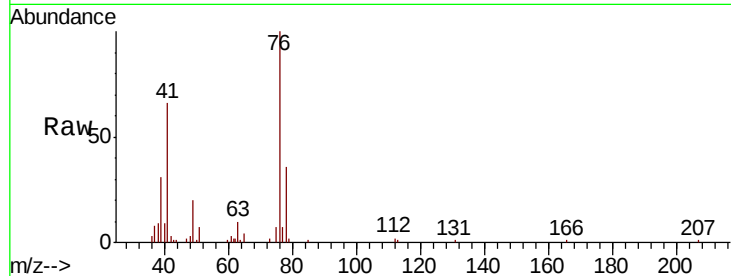




#57
 1,3-Dichloropropane
 Concen: 19.380 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

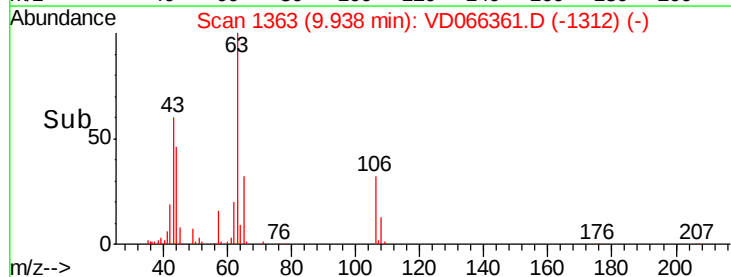
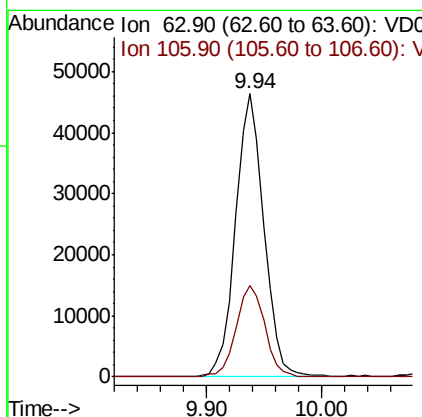
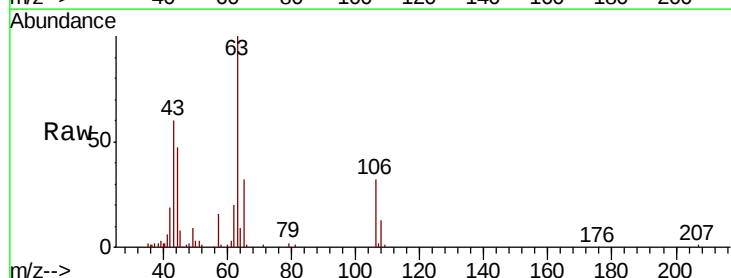
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

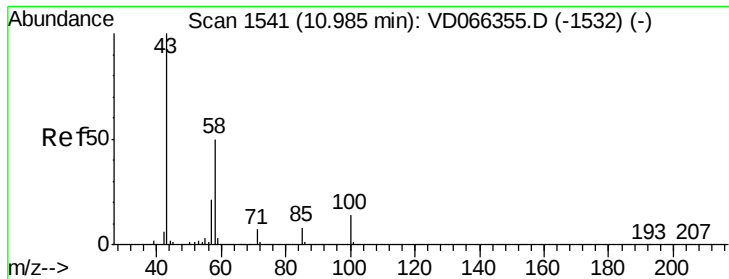
Tot Ion: 76 Resp: 52582
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.036 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion: 63 Resp: 78893
 Ion Ratio Lower Upper
 63 100
 106 32.6 27.1 40.7

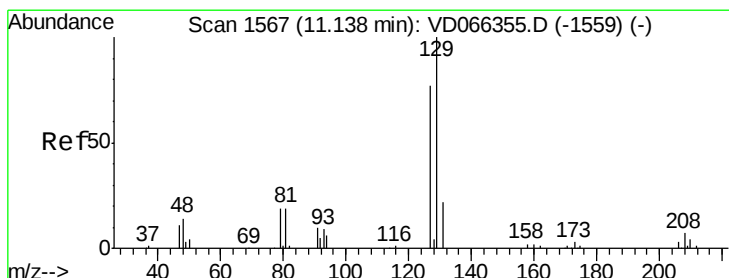
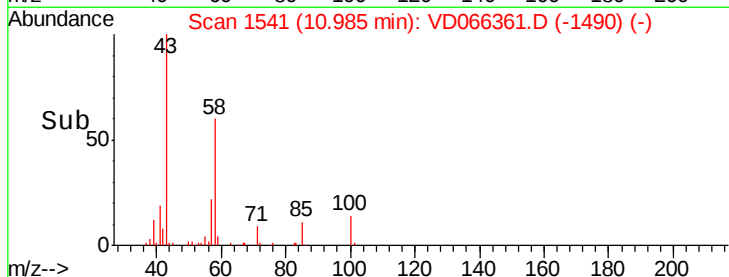
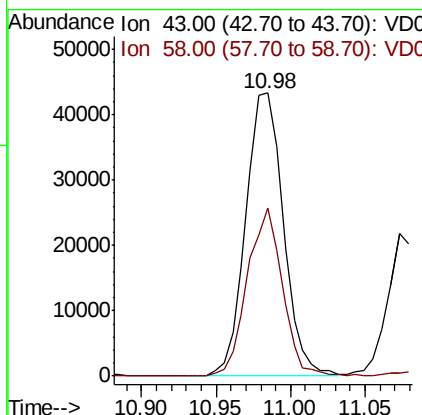
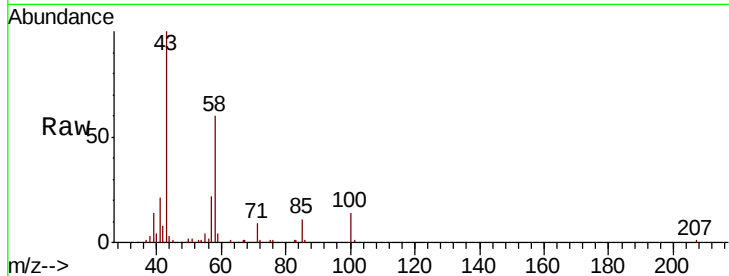




#59
2-Hexanone
Concen: 99.845 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

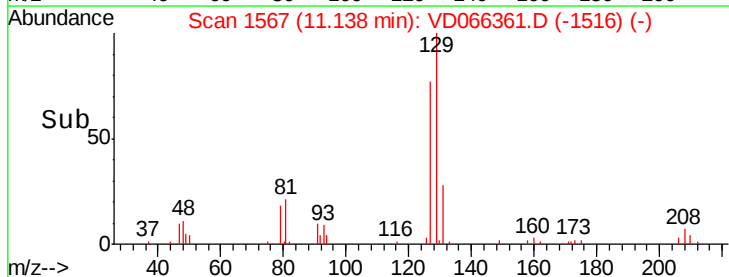
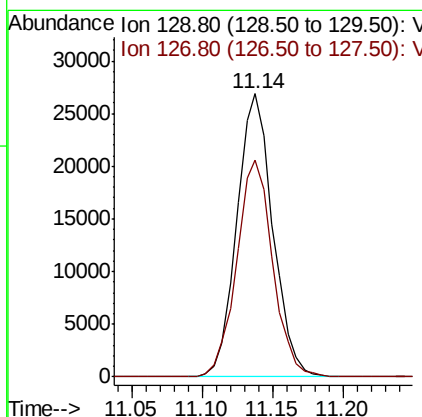
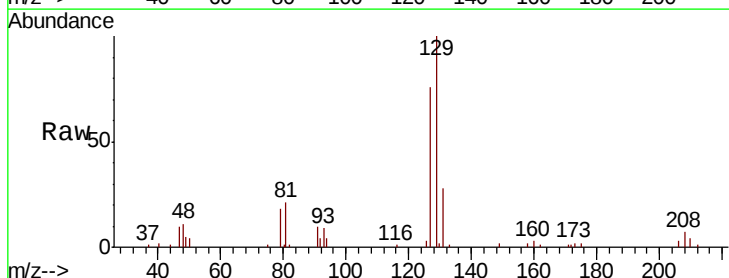
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBSD01

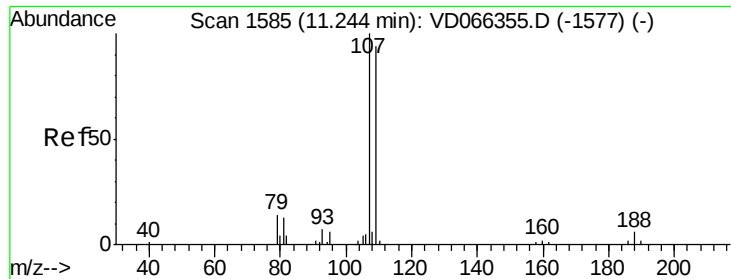
Tot Ion: 43 Resp: 75893
Ion Ratio Lower Upper
43 100
58 54.9 26.3 78.8



#60
Dibromochloromethane
Concen: 19.290 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 129 Resp: 47694
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

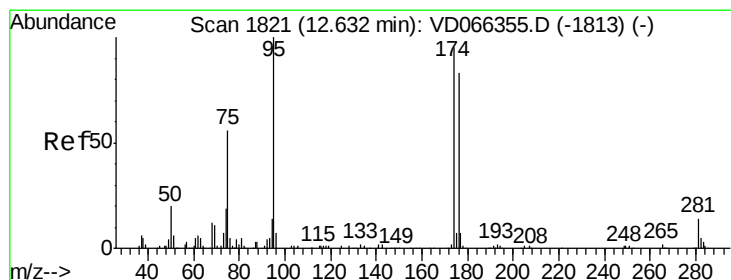
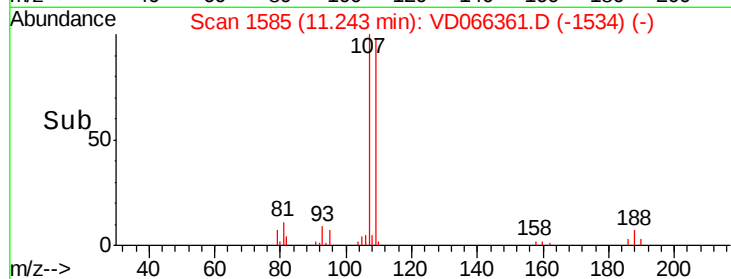
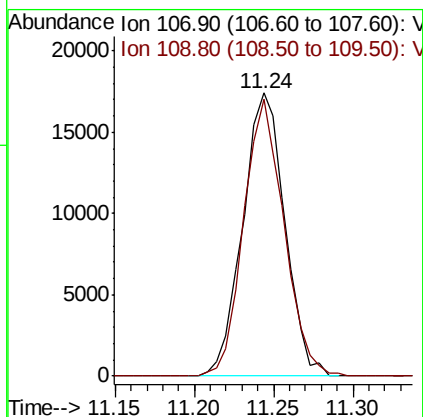
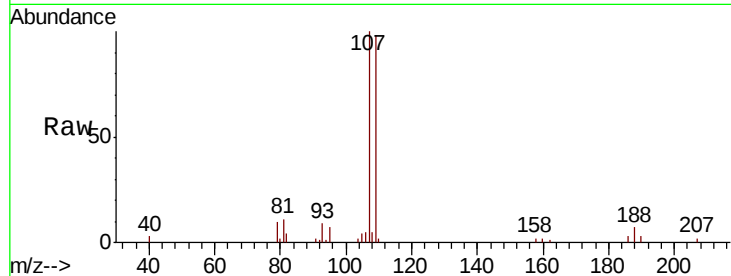




#61
 1,2-Dibromoethane
 Concen: 19.906 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

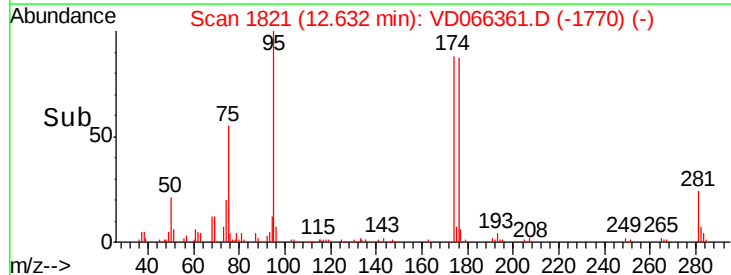
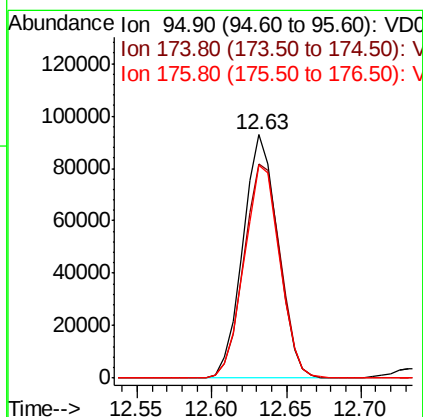
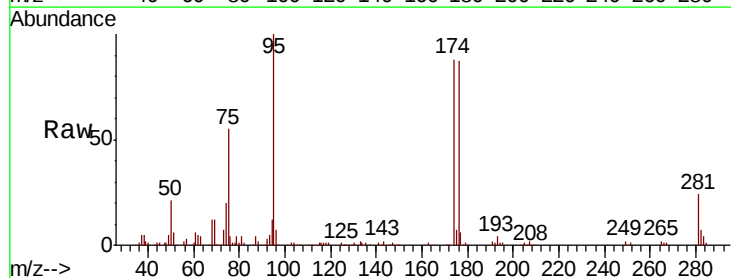
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

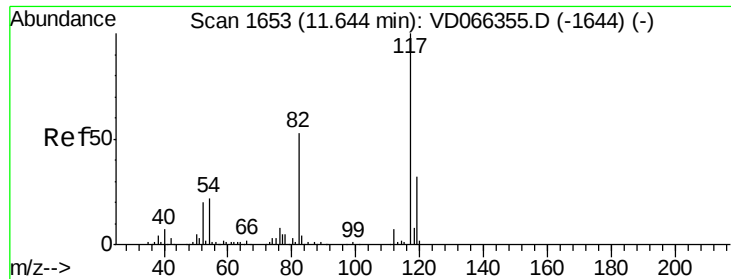
Tot Ion:107 Resp: 32133
 Ion Ratio Lower Upper
 107 100
 109 93.8 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 51.928 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion: 95 Resp: 150764
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 183.4
 176 88.8 0.0 173.8

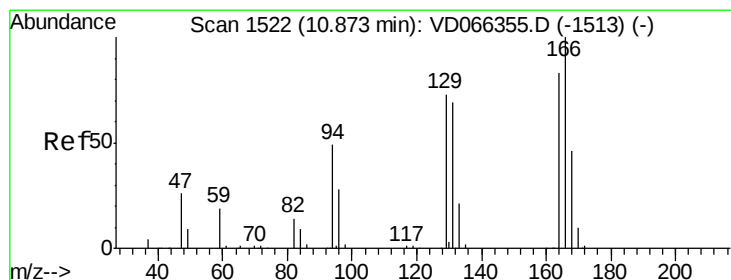
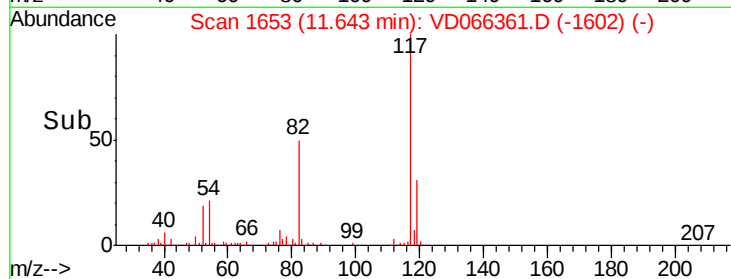
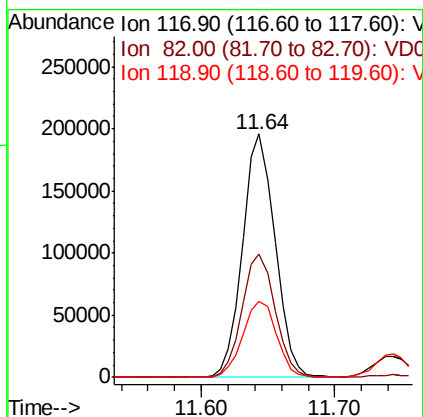
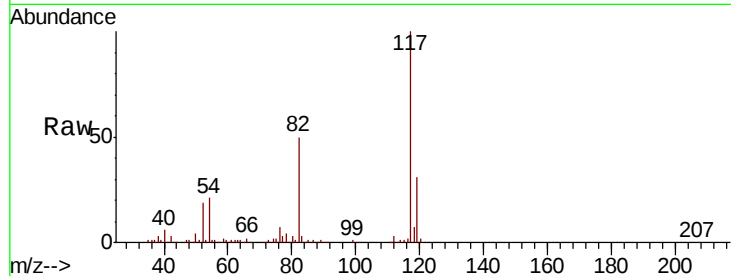




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

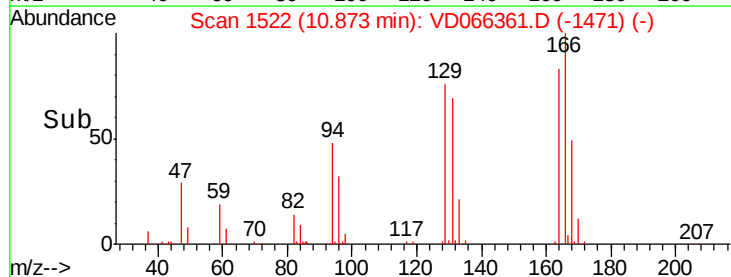
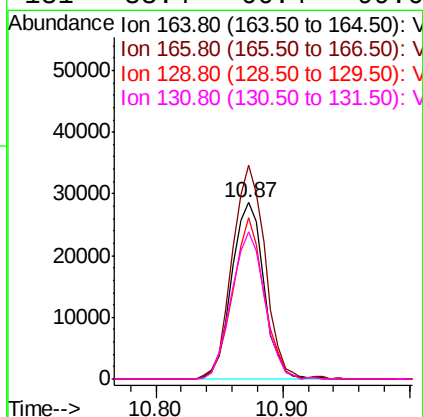
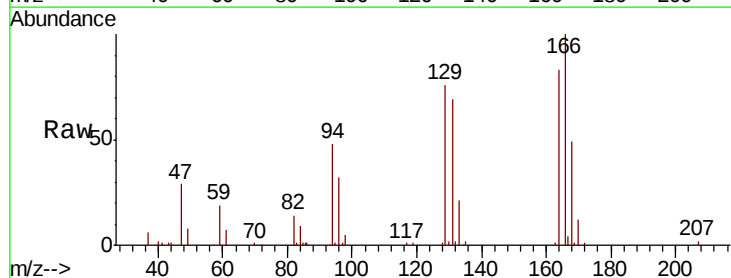
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBSD01

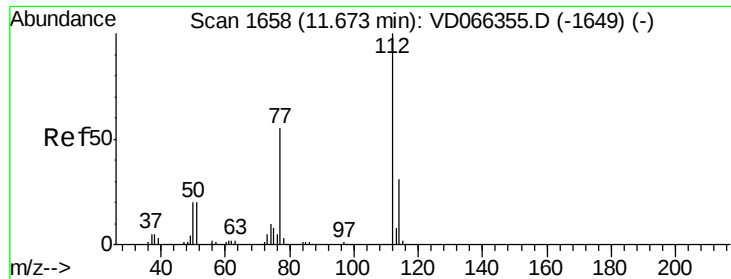
Tot Ion:117 Resp: 329008
Ion Ratio Lower Upper
117 100
82 50.5 42.8 64.2
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 20.100 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion:164 Resp: 50165
Ion Ratio Lower Upper
164 100
166 120.9 96.2 144.4
129 91.4 70.3 105.5
131 83.4 66.4 99.6





#65

Chlorobenzene

Concen: 19.522 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

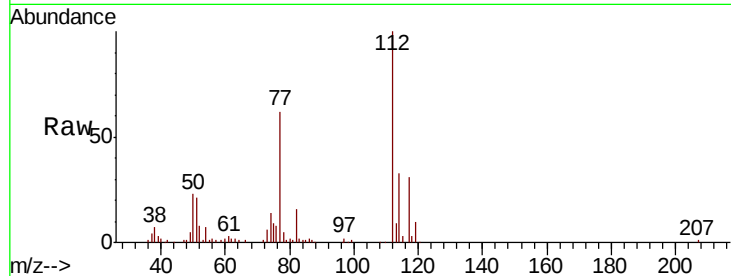
VD0821SBSD01

Tot Ion:112 Resp: 127785

Ion Ratio Lower Upper

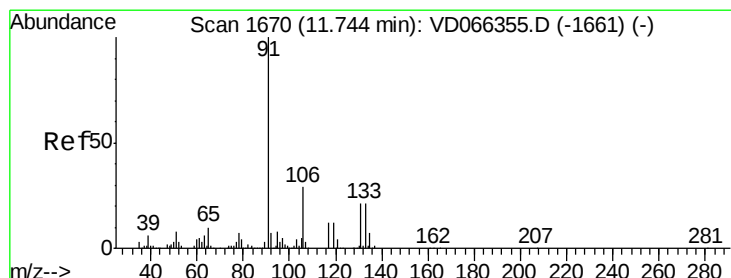
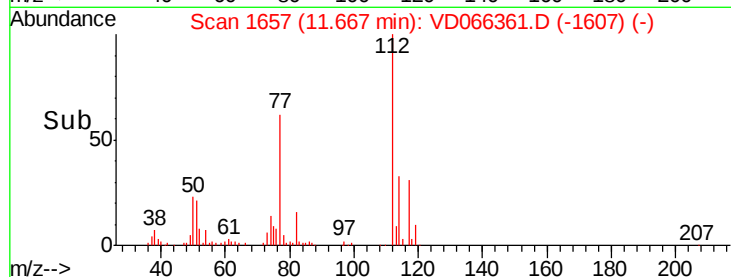
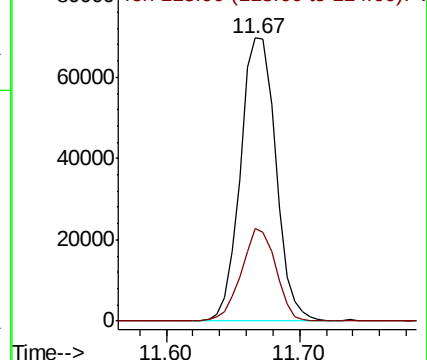
112 100

114 32.6 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.367 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

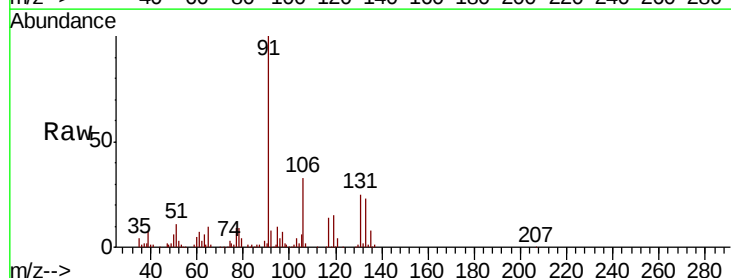
Tgt Ion:131 Resp: 51807

Ion Ratio Lower Upper

131 100

133 96.6 48.6 145.9

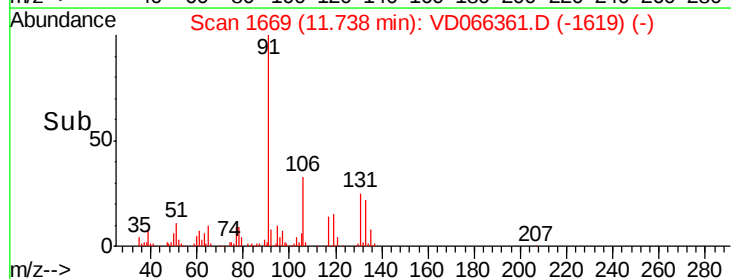
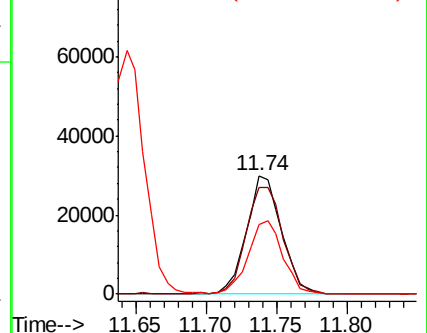
119 61.7 29.0 87.1

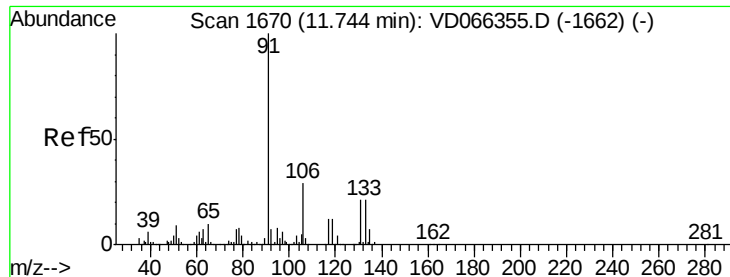


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.673 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

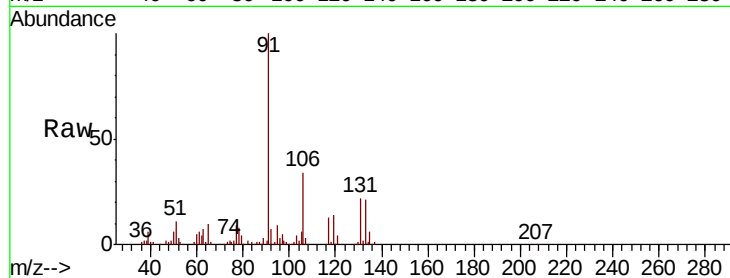
VD0821SBS01

Tot Ion: 91 Resp: 226671

Ion Ratio Lower Upper

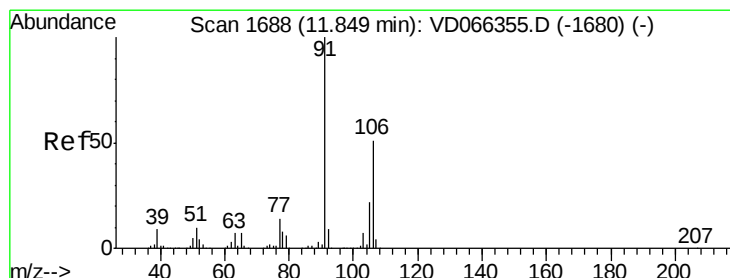
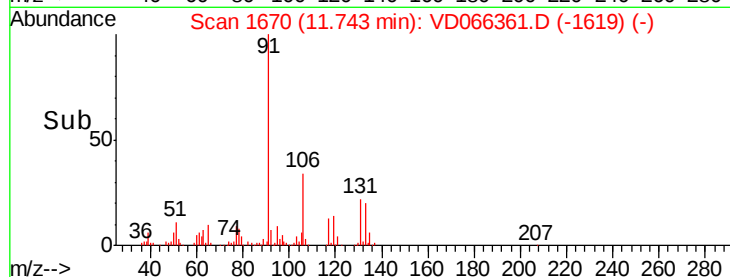
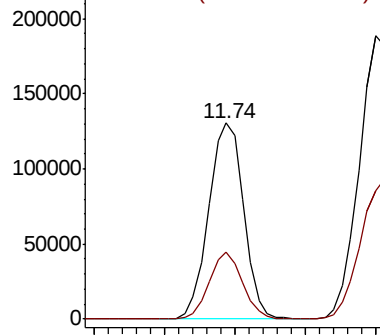
91 100

106 34.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.152 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066361.D

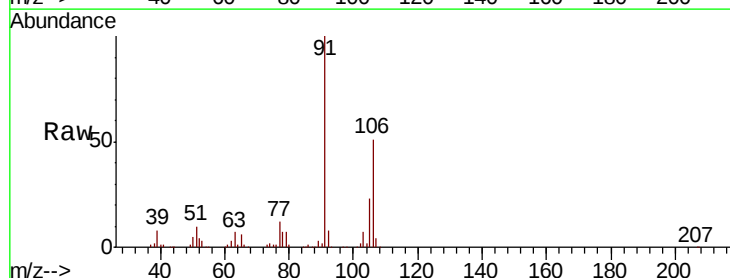
Acq: 21 Aug 2020 15:59

Tgt Ion: 106 Resp: 176334

Ion Ratio Lower Upper

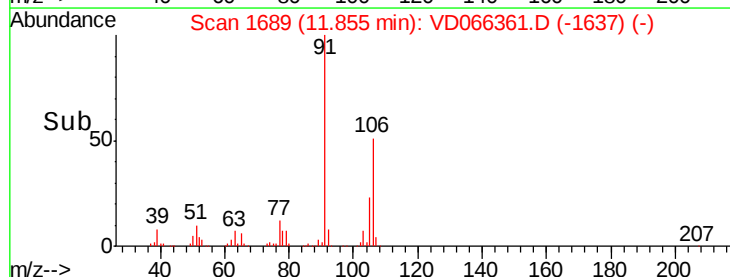
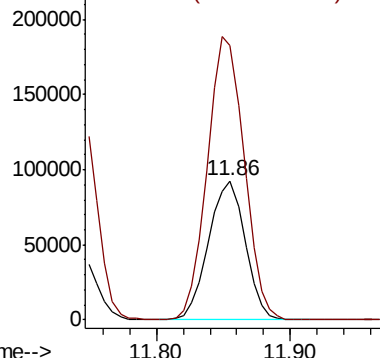
106 100

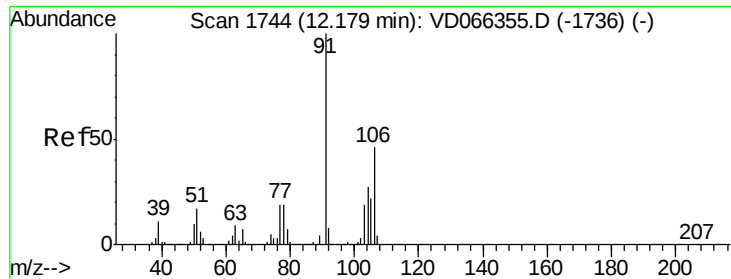
91 205.0 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

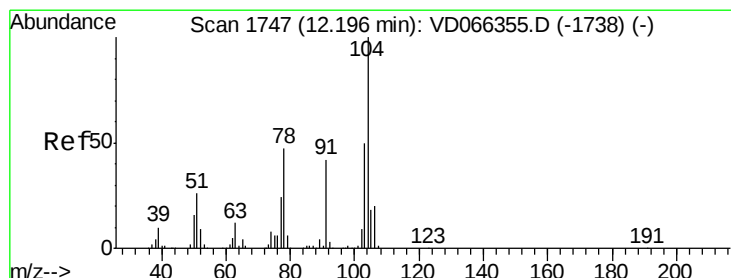
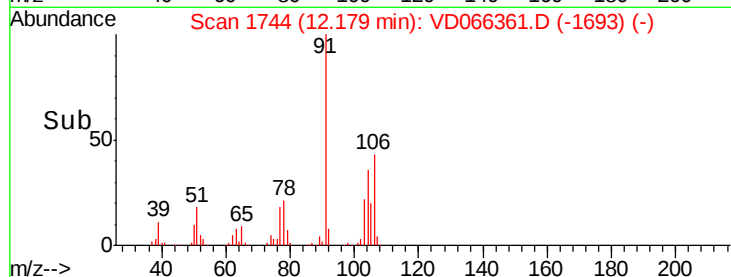
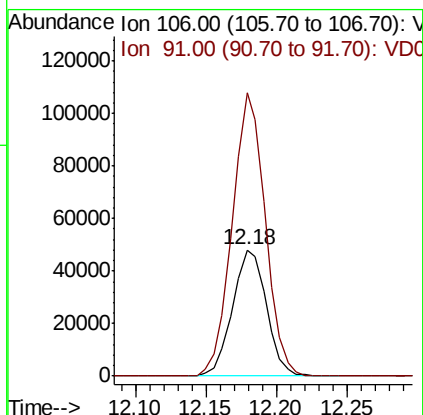
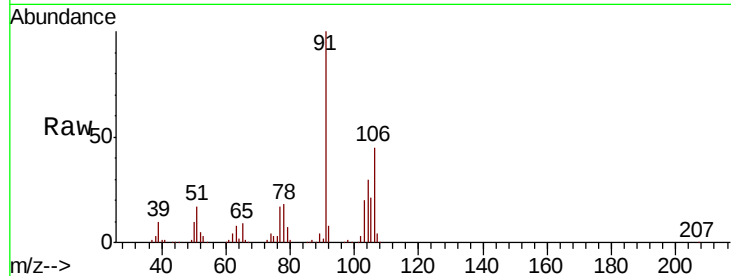




#69
o-Xylene
Concen: 19.679 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

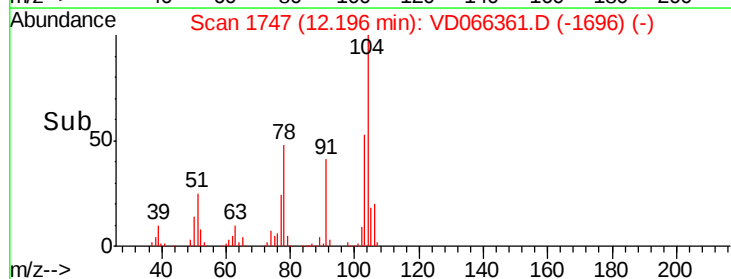
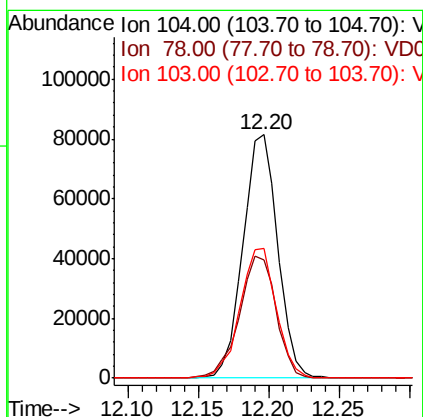
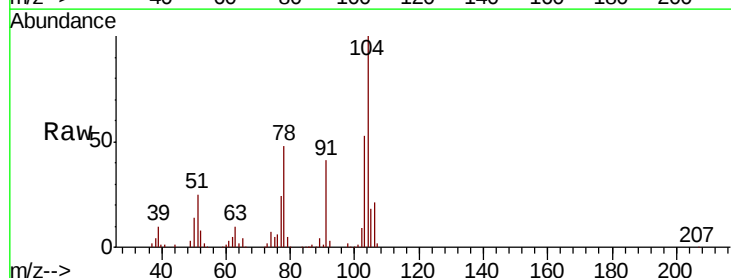
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBSD01

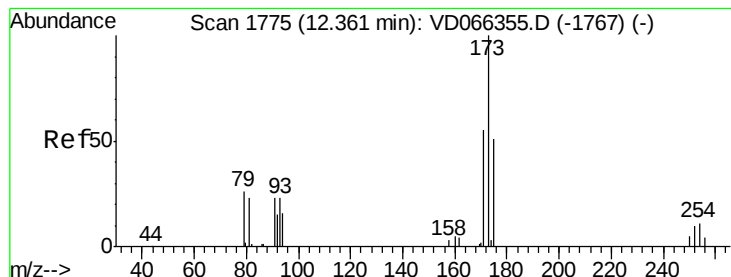
Tot Ion:106 Resp: 80399
Ion Ratio Lower Upper
106 100
91 218.6 109.1 327.3



#70
Styrene
Concen: 20.016 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion:104 Resp: 140415
Ion Ratio Lower Upper
104 100
78 53.1 41.7 62.5
103 55.8 43.5 65.3





#71

Bromoform

Concen: 20.013 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

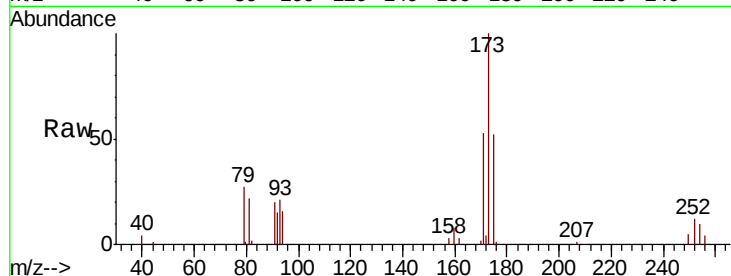
Tot Ion:173 Resp: 30372

Ion Ratio Lower Upper

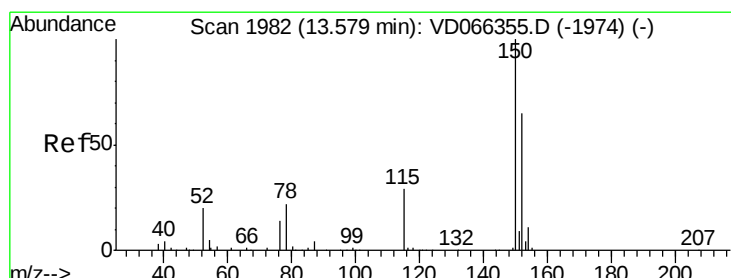
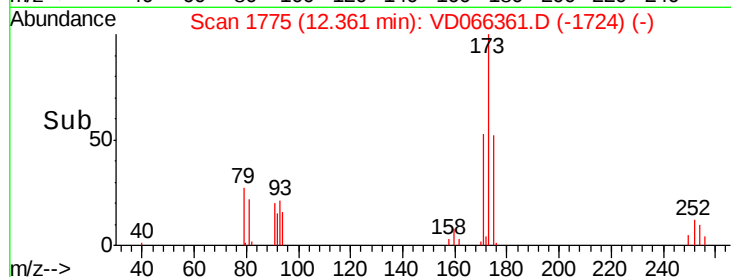
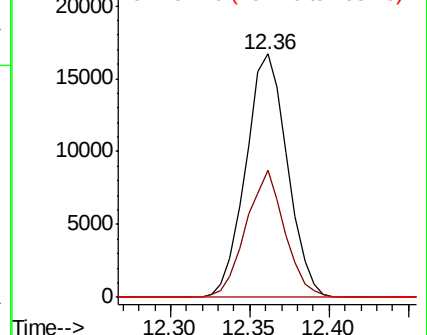
173 100

175 49.0 24.8 74.3

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

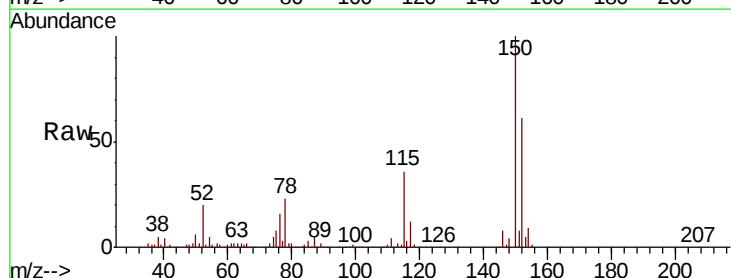
Tgt Ion:152 Resp: 174158

Ion Ratio Lower Upper

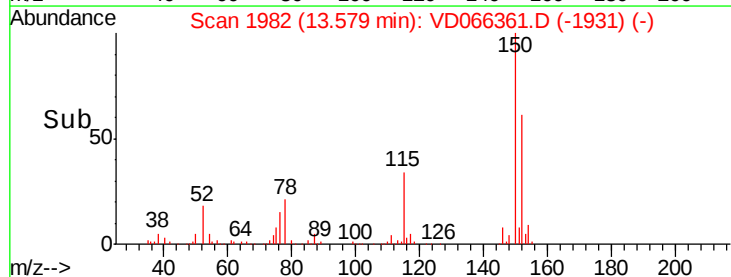
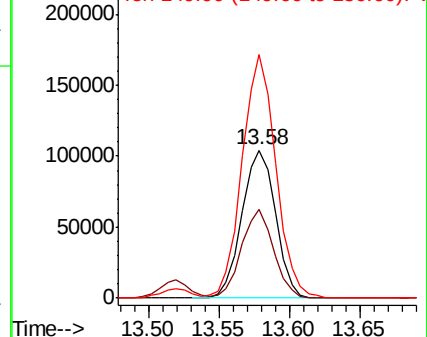
152 100

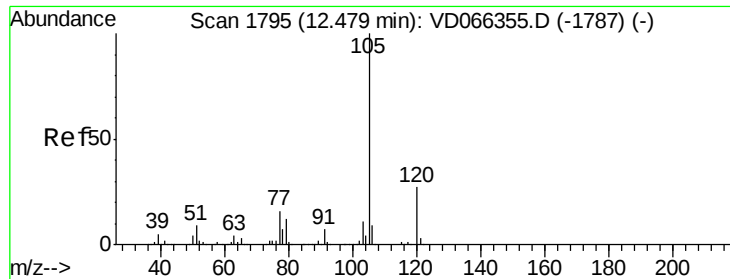
115 57.4 28.3 85.0

150 164.8 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.816 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

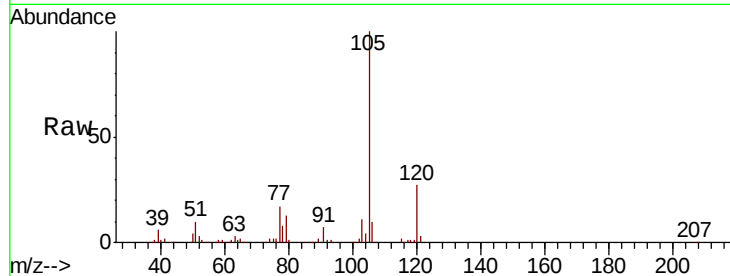
VD0821SBS01

Tot Ion:105 Resp: 231186

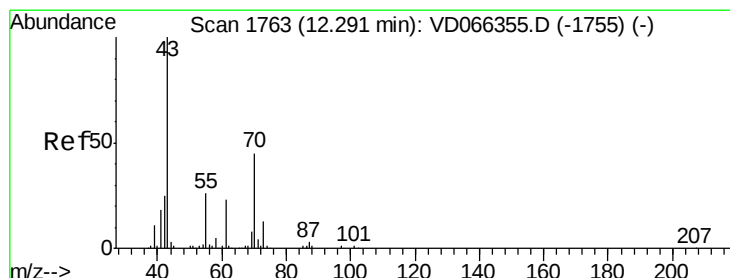
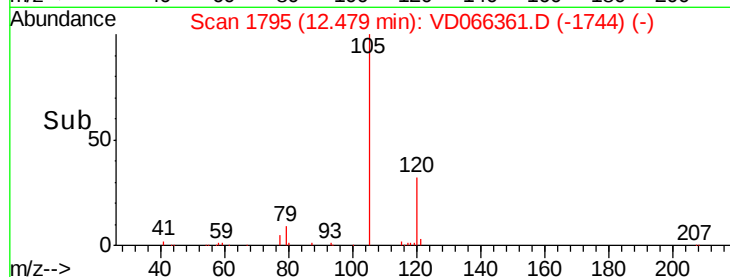
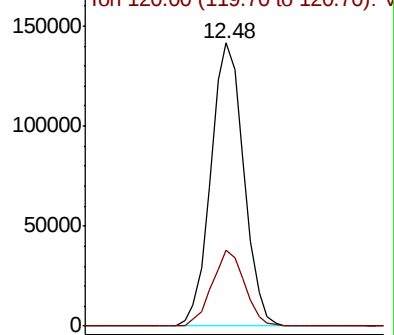
Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 19.848 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Tgt Ion: 43 Resp: 41823

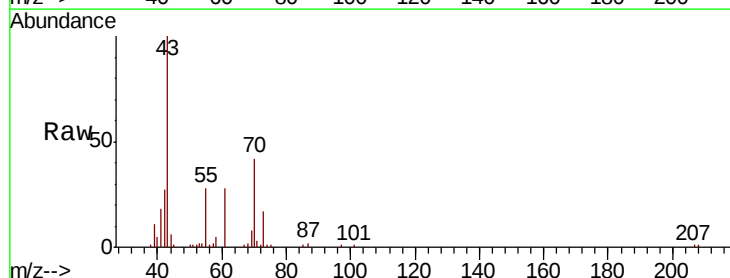
Ion Ratio Lower Upper

43 100

70 41.9 34.8 52.2

55 25.6 20.3 30.5

61 24.5 19.0 28.6

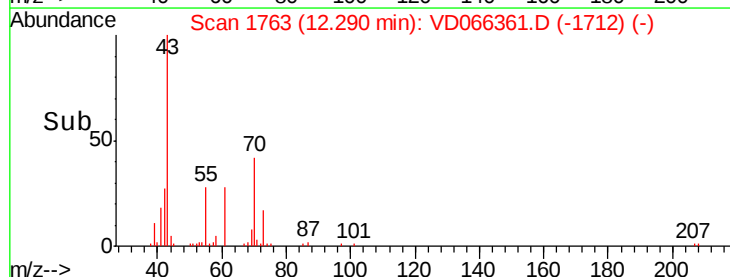
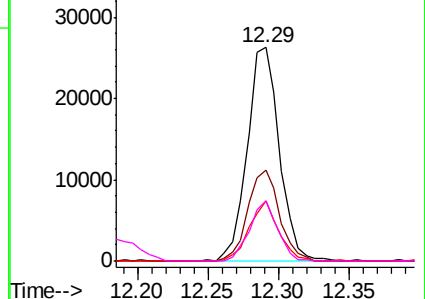


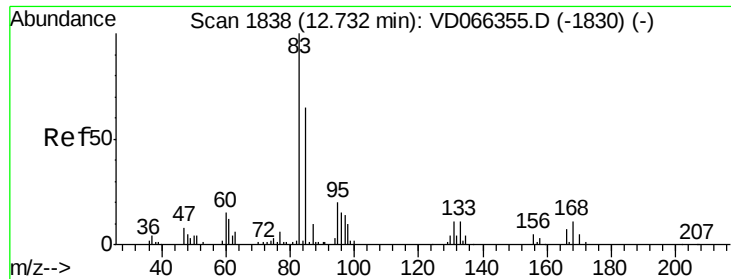
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.705 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

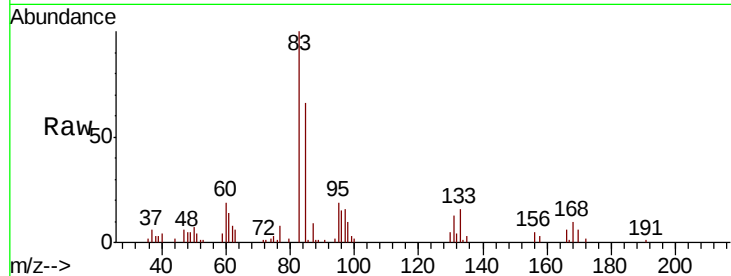
Tot Ion: 83 Resp: 32841

Ion Ratio Lower Upper

83 100

131 15.0 7.0 20.9

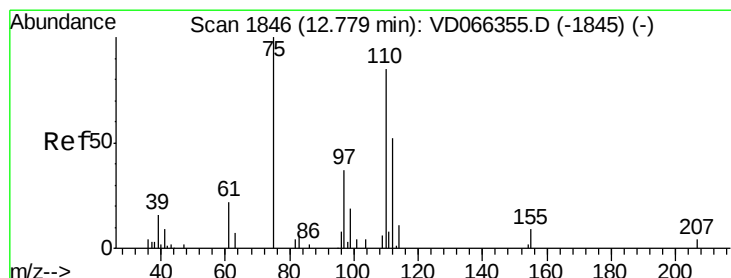
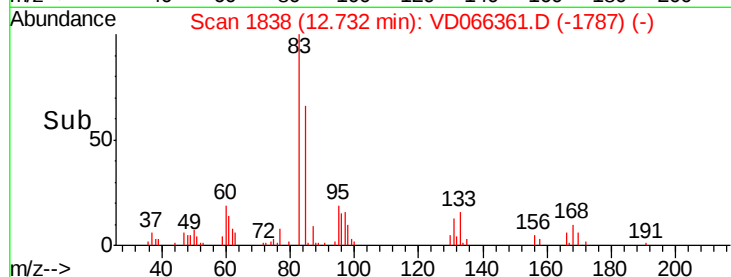
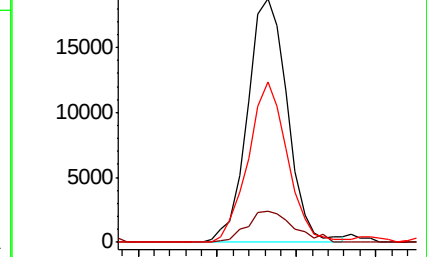
85 65.1 32.4 97.0



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: 39.234 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066361.D

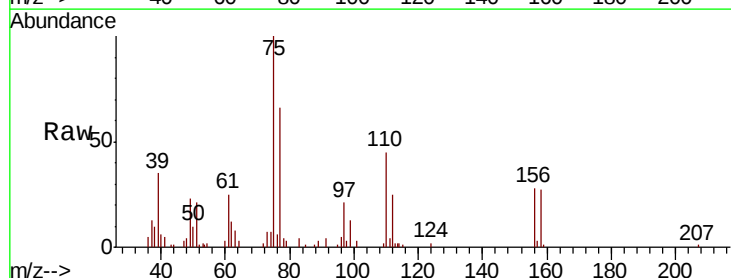
Acq: 21 Aug 2020 15:59

Tgt Ion: 75 Resp: 48070

Ion Ratio Lower Upper

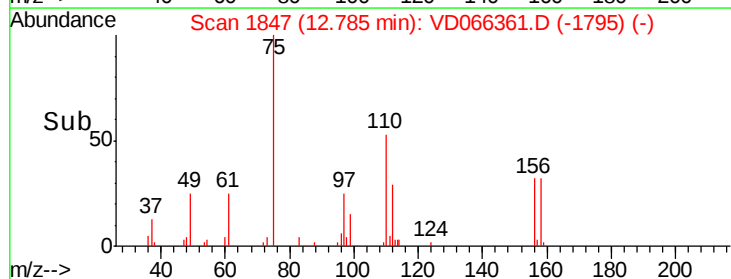
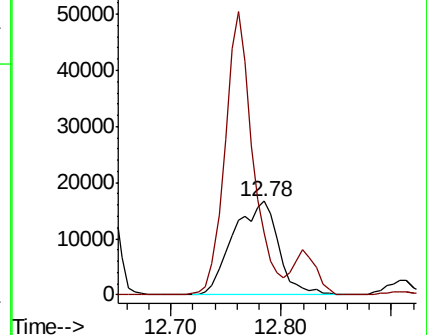
75 100

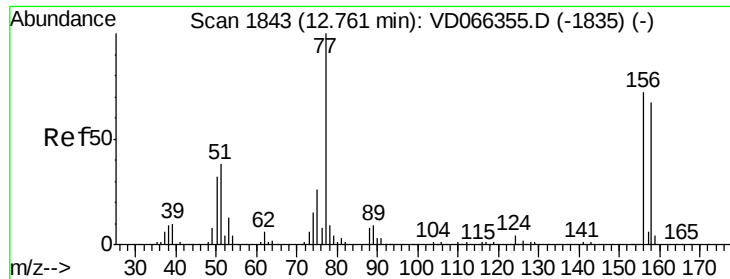
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.827 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

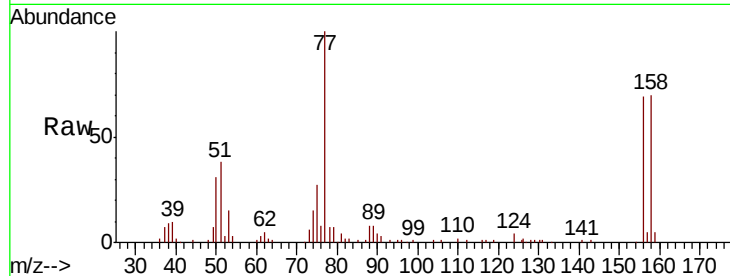
Tot Ion:156 Resp: 58711

Ion Ratio Lower Upper

156 100

77 152.4 76.1 228.3

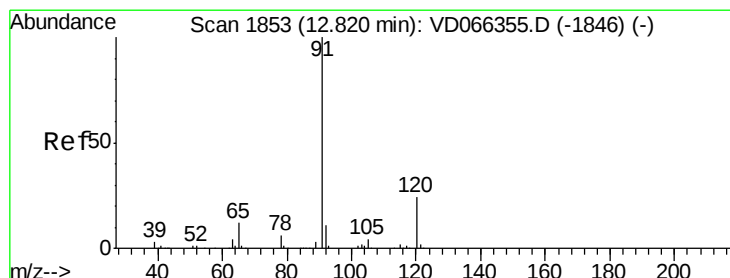
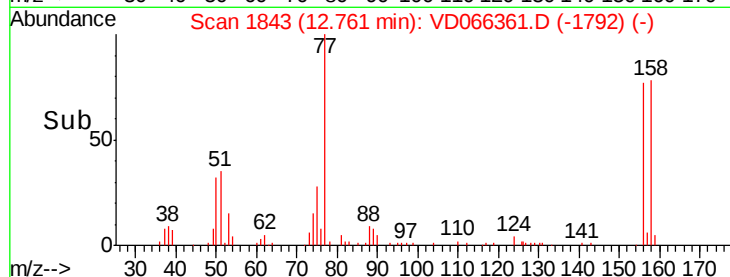
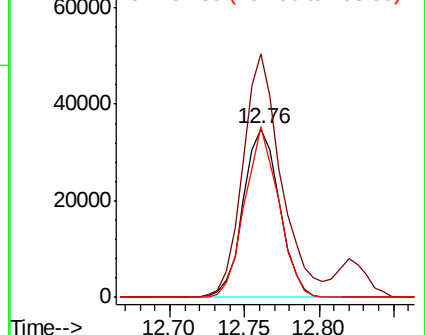
158 94.4 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.625 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066361.D

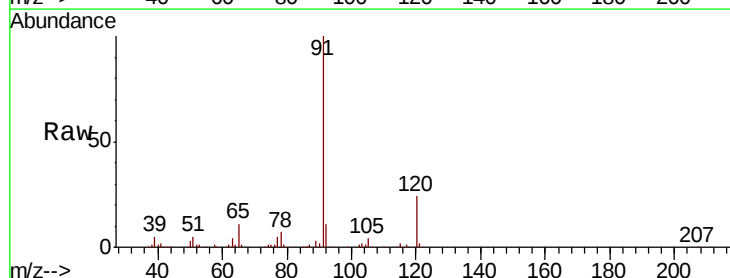
Acq: 21 Aug 2020 15:59

Tgt Ion: 91 Resp: 262525

Ion Ratio Lower Upper

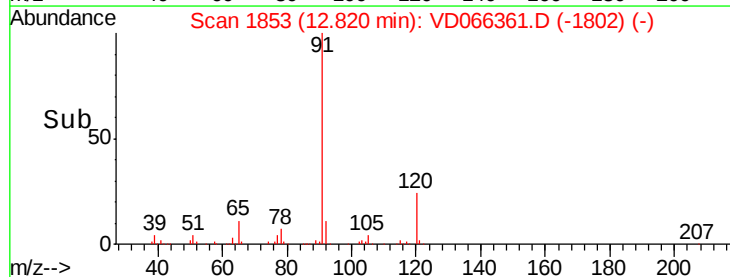
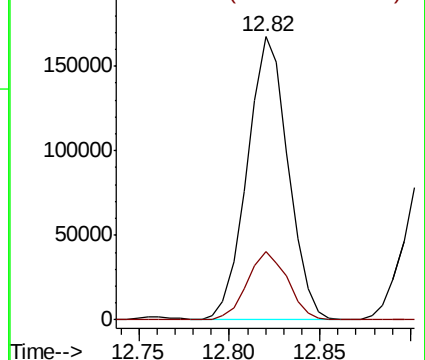
91 100

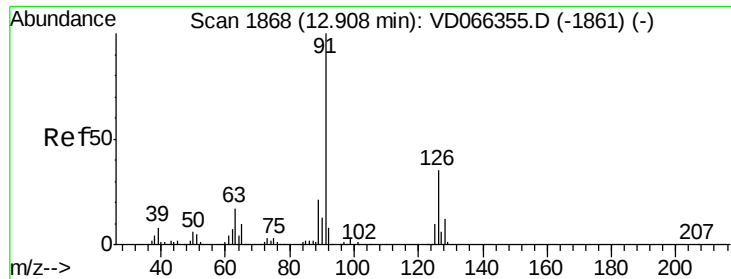
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

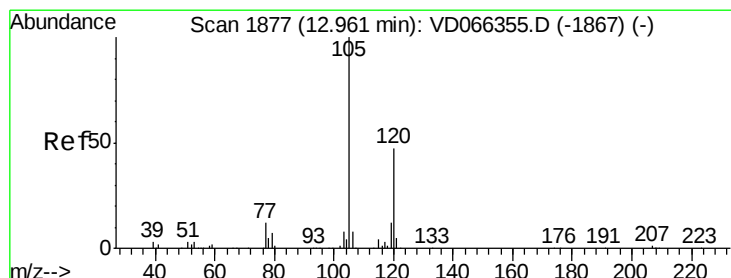
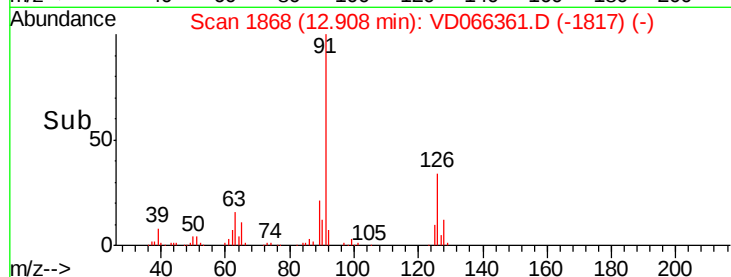
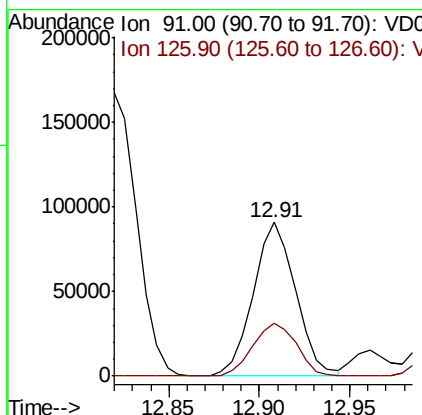
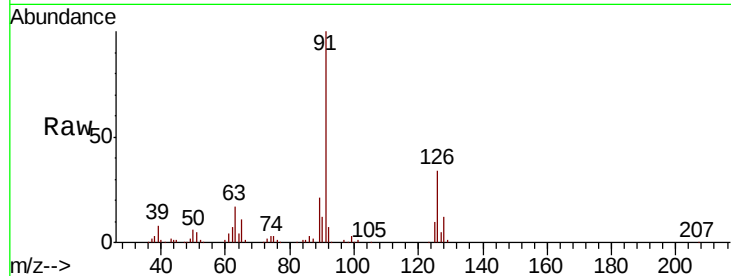




#79
 2-Chlorotoluene
 Concen: 19.417 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

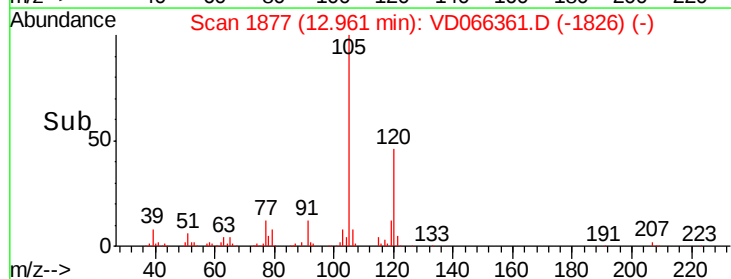
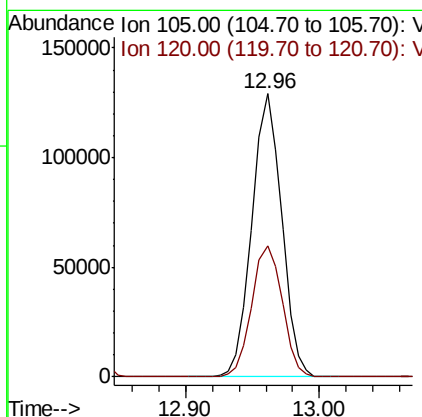
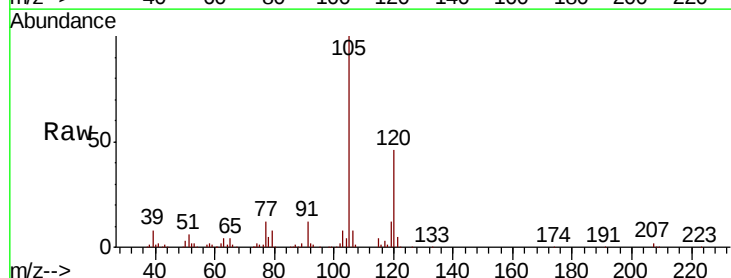
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

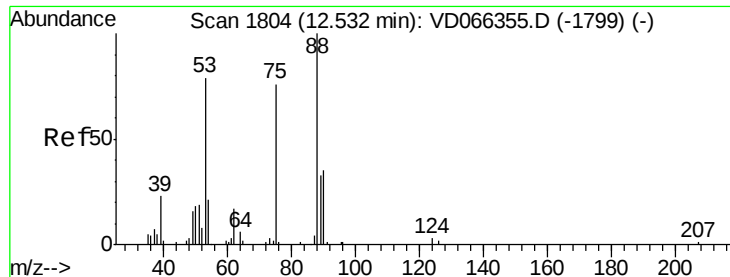
Tot Ion: 91 Resp: 148348
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.757 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion:105 Resp: 199018
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.792 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

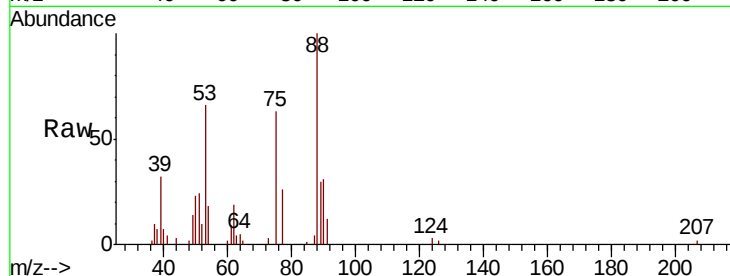
Tot Ion: 75 Resp: 11424

Ion Ratio Lower Upper

75 100

53 103.5 87.4 131.2

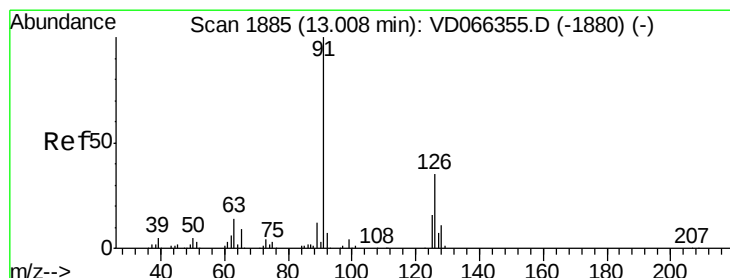
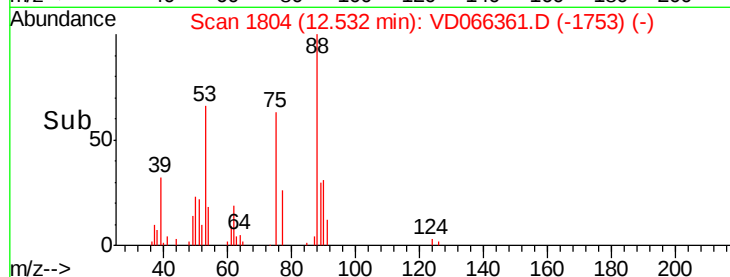
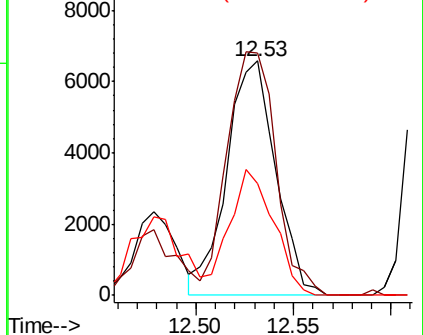
89 48.9 39.4 59.0



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: 19.454 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066361.D

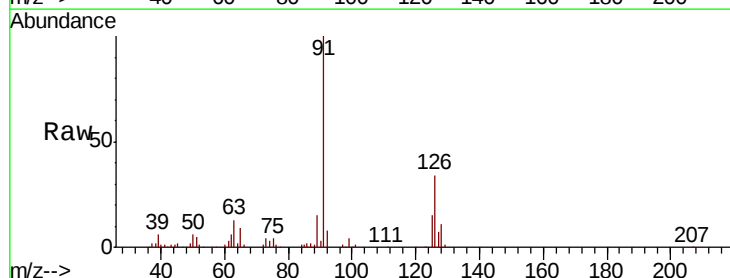
Acq: 21 Aug 2020 15:59

Tgt Ion: 91 Resp: 157474

Ion Ratio Lower Upper

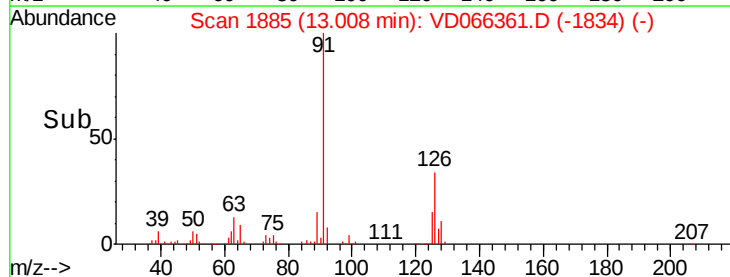
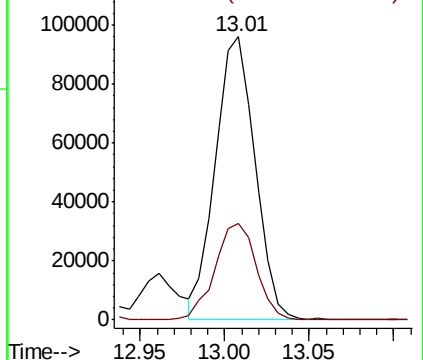
91 100

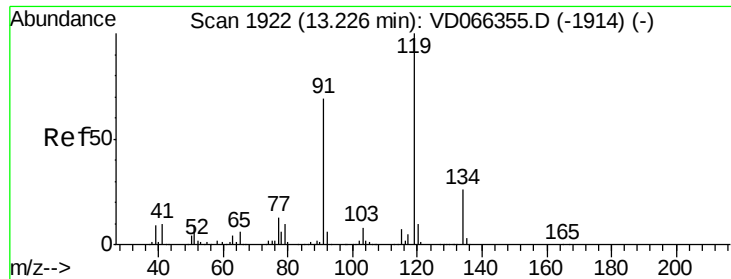
126 35.5 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.278 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleID :

VD0821SBS01

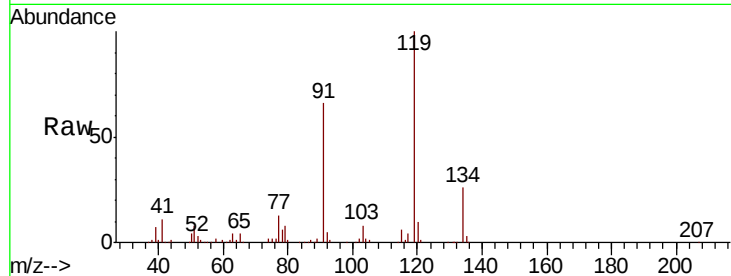
Tot Ion:119 Resp: 168673

Ion Ratio Lower Upper

119 100

91 66.3 33.5 100.5

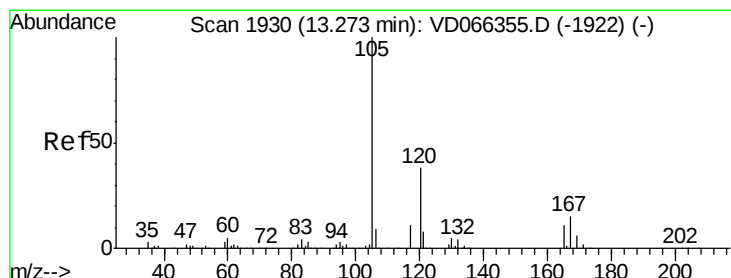
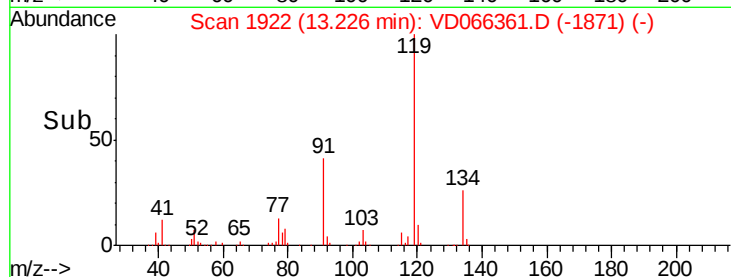
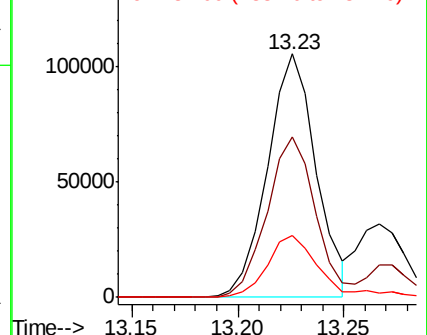
134 27.7 13.5 40.4



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: 20.169 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066361.D

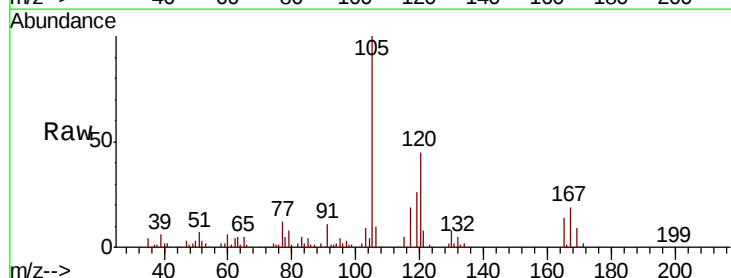
Acq: 21 Aug 2020 15:59

Tgt Ion:105 Resp: 199555

Ion Ratio Lower Upper

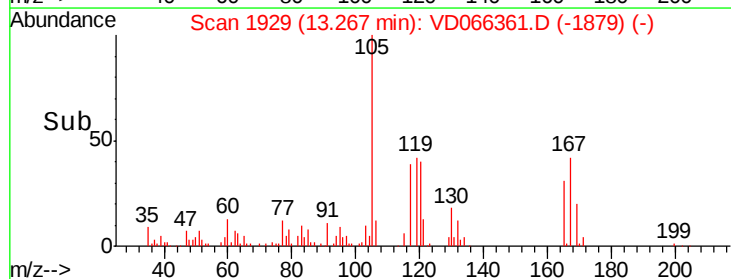
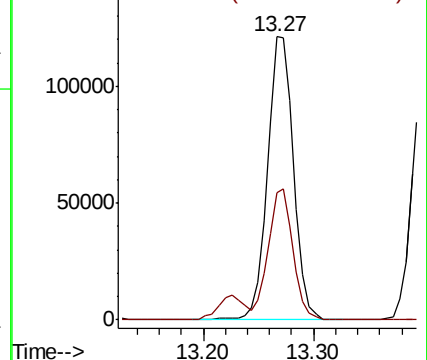
105 100

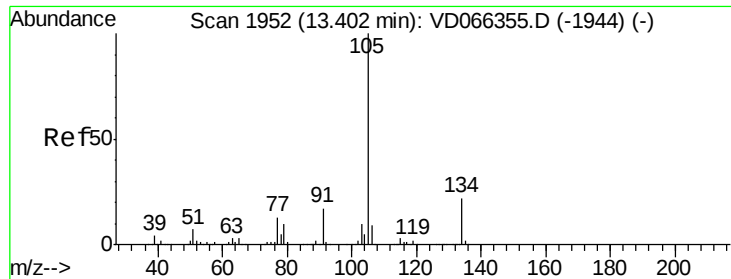
120 43.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.547 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

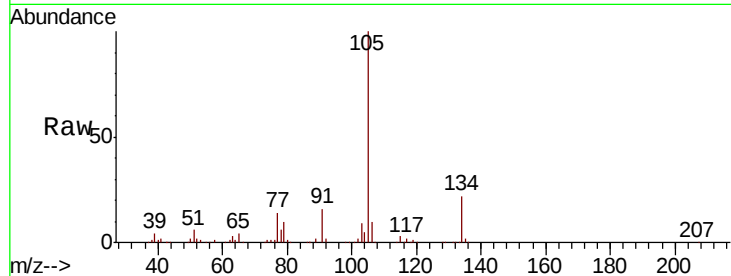
VD0821SBS01

Tot Ion:105 Resp: 224077

Ion Ratio Lower Upper

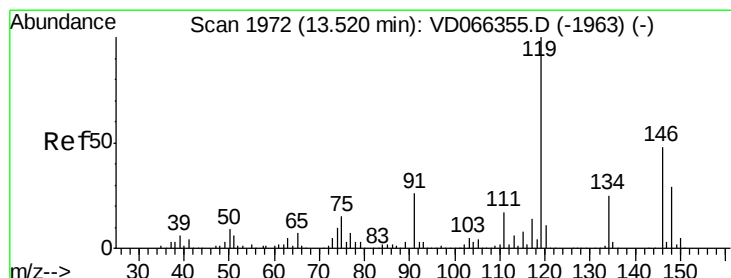
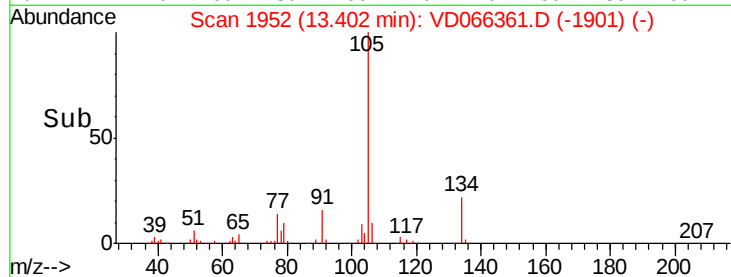
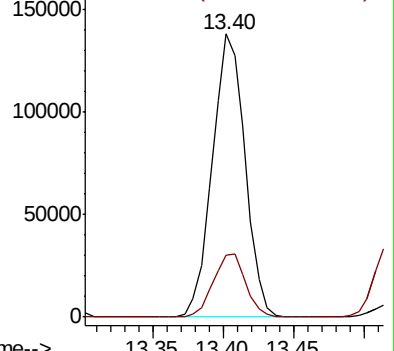
105 100

134 22.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.964 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

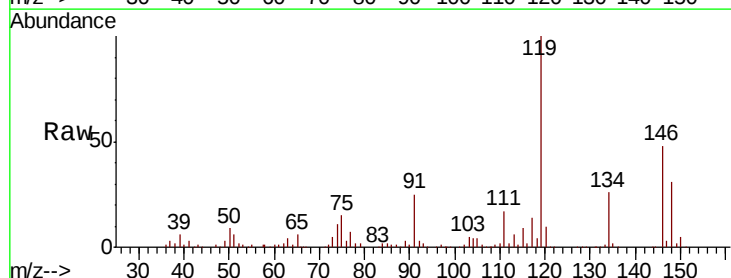
Tgt Ion:119 Resp: 220677

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

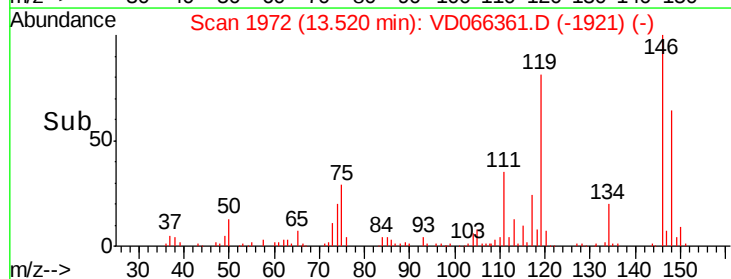
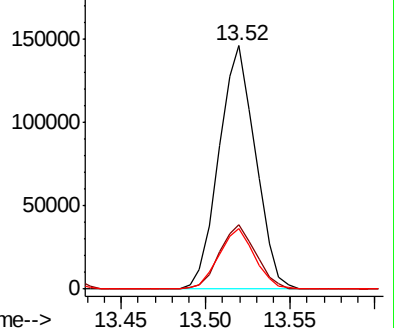
91 24.3 12.7 38.0

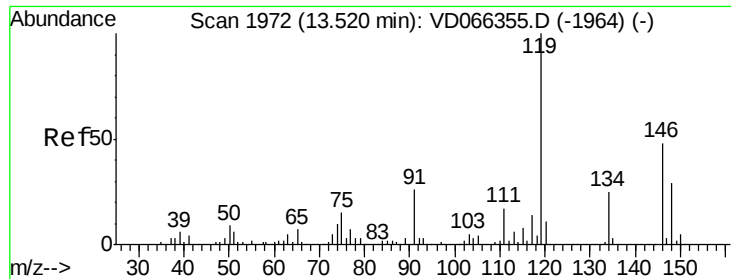


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

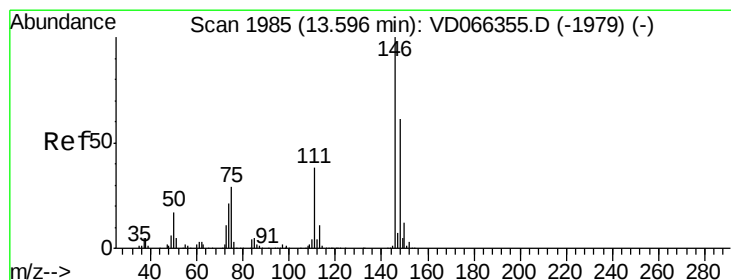
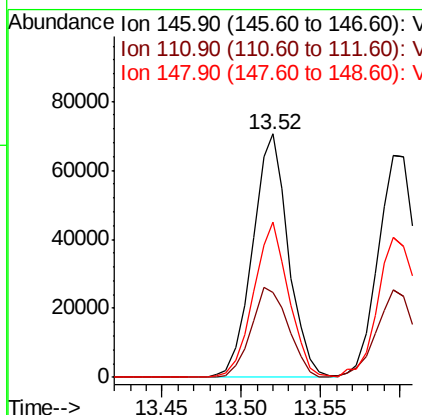
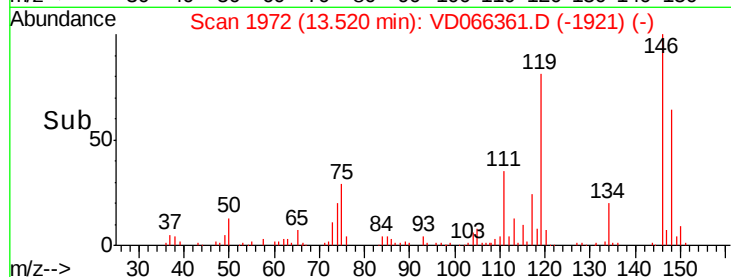
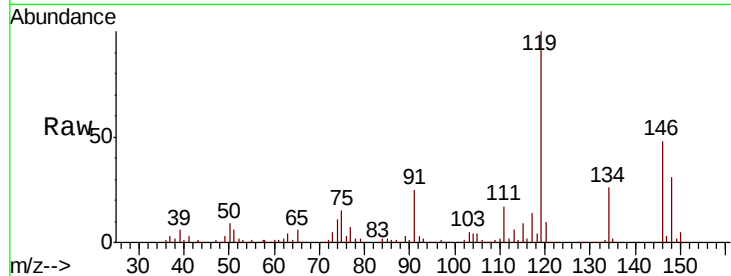




#87
 1,3-Dichlorobenzene
 Concen: 19.984 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

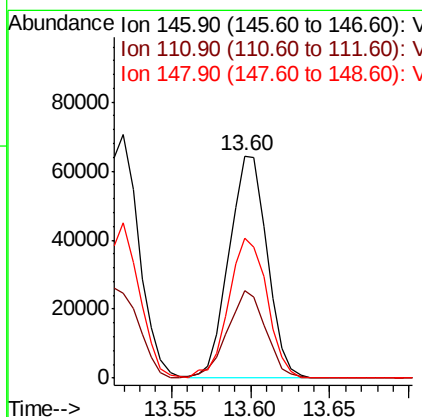
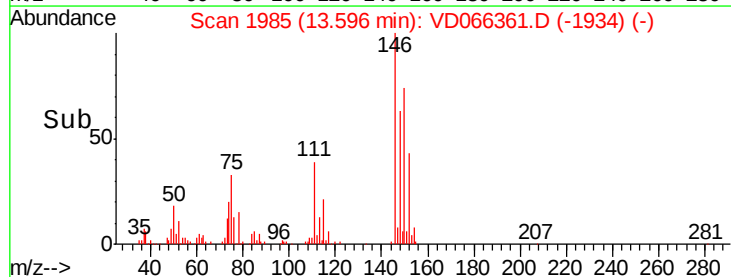
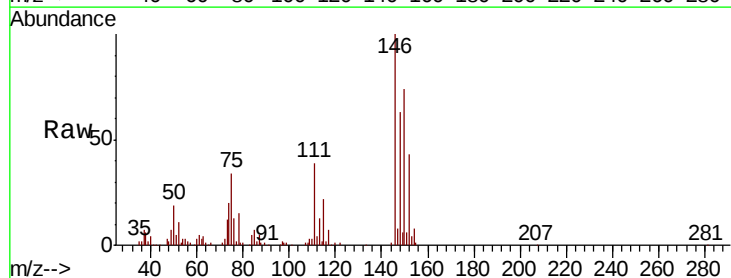
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

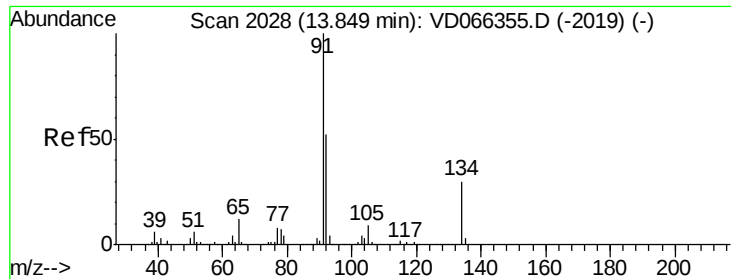
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	62.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.399 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.5
148	63.3	32.1	96.3

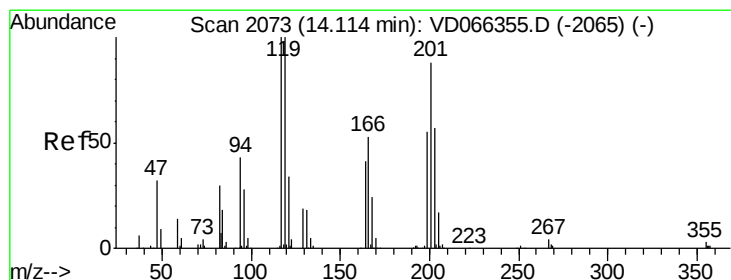
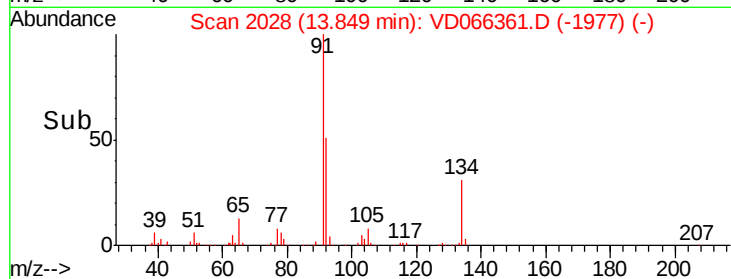
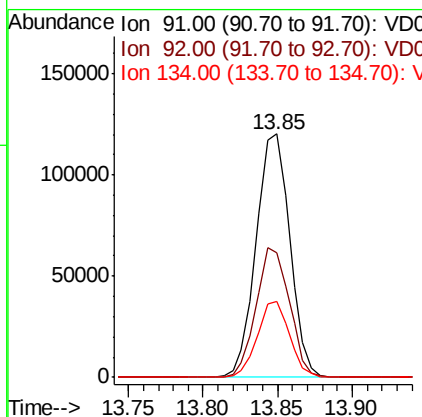
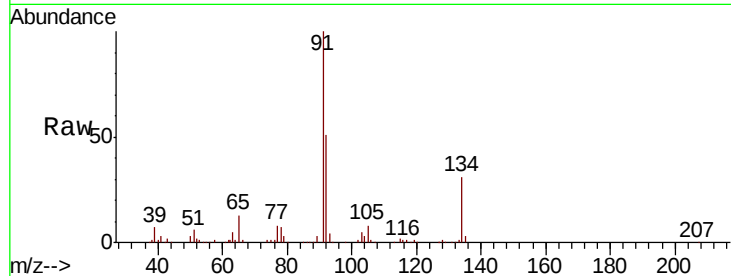




#89
n-Butylbenzene
Concen: 19.220 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

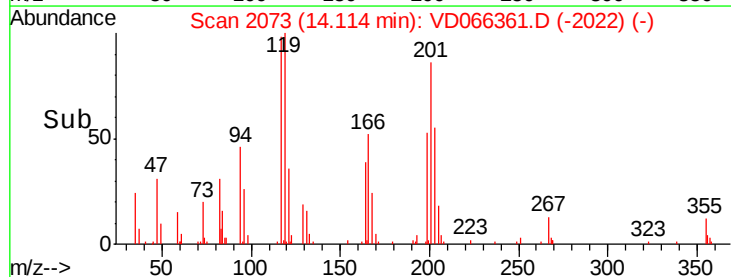
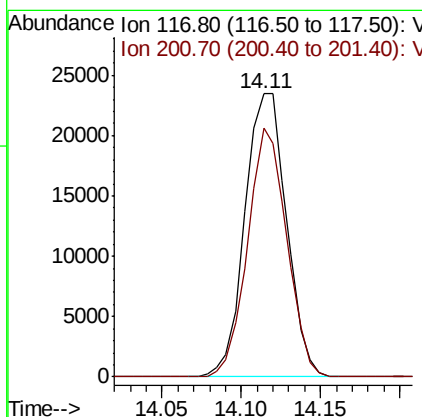
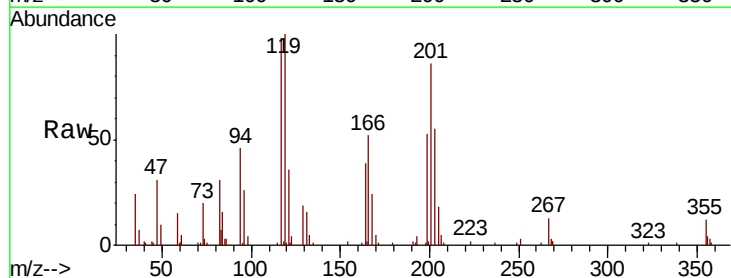
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBS01

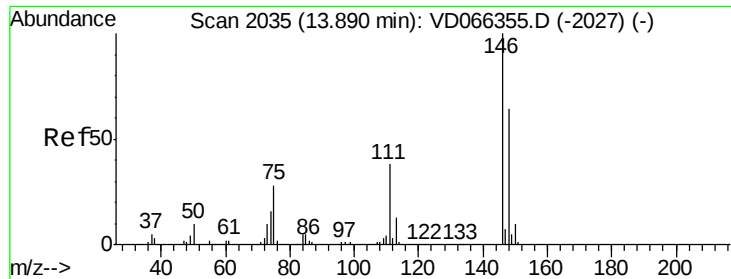
Tot Ion: 91 Resp: 187478
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 29.9 14.4 43.4



#90
Hexachloroethane
Concen: 19.646 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066361.D
Acq: 21 Aug 2020 15:59

Tgt Ion: 117 Resp: 42899
Ion Ratio Lower Upper
117 100
201 82.4 45.4 136.2





#91

1,2-Dichlorobenzene

Concen: 19.983 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

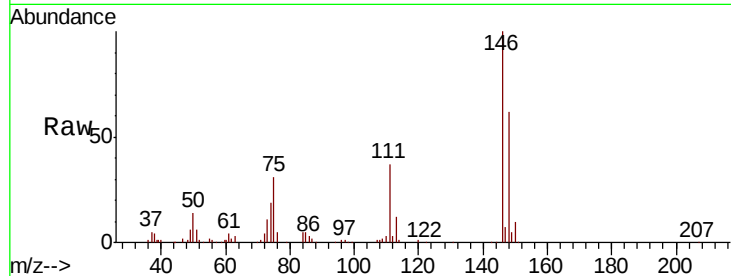
Tot Ion:146 Resp: 95087

Ion Ratio Lower Upper

146 100

111 38.2 19.9 59.7

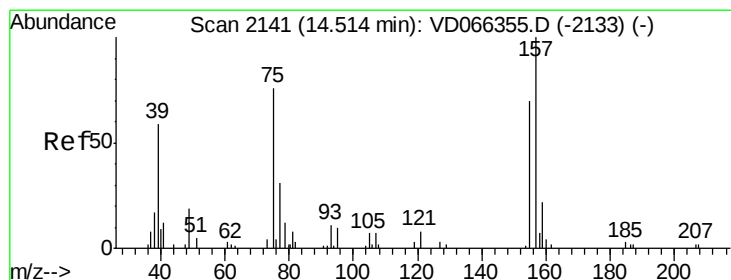
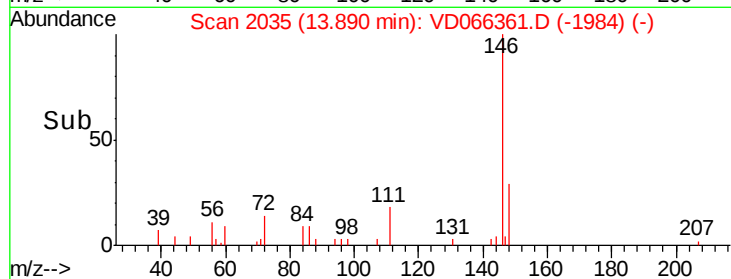
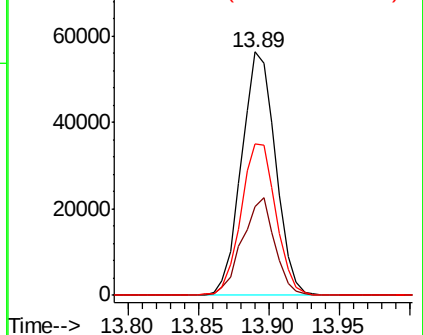
148 63.5 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.702 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

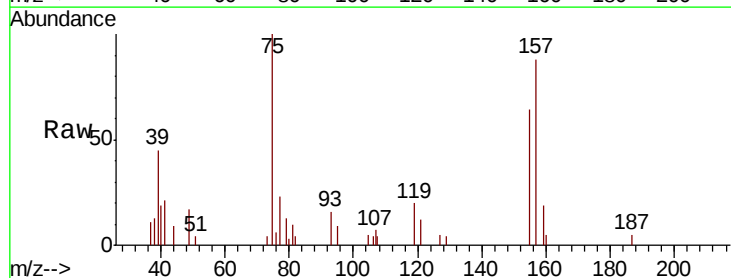
Tgt Ion: 75 Resp: 6887

Ion Ratio Lower Upper

75 100

155 81.4 46.9 140.6

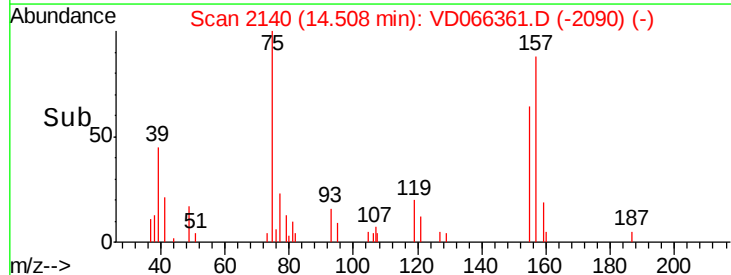
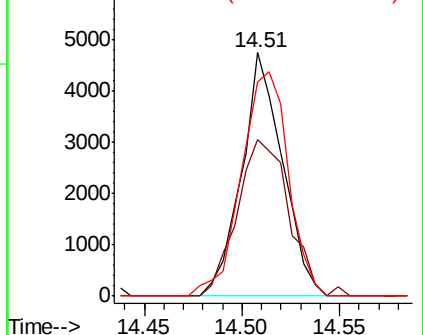
157 106.0 61.0 183.0

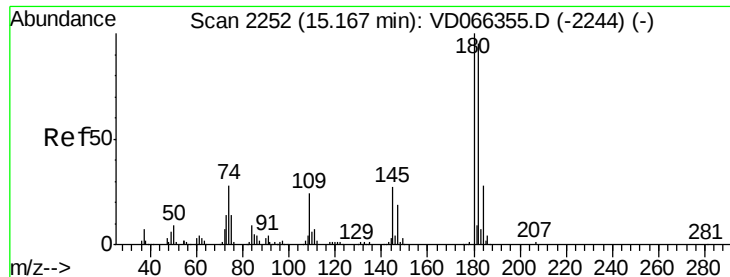


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

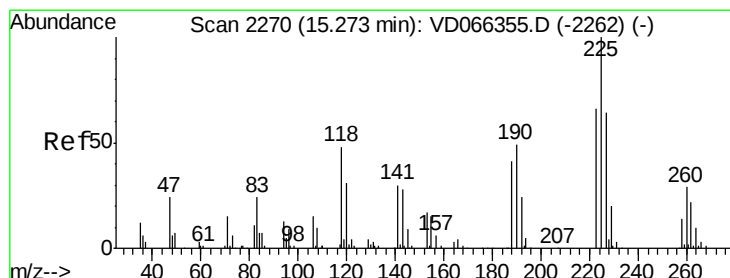
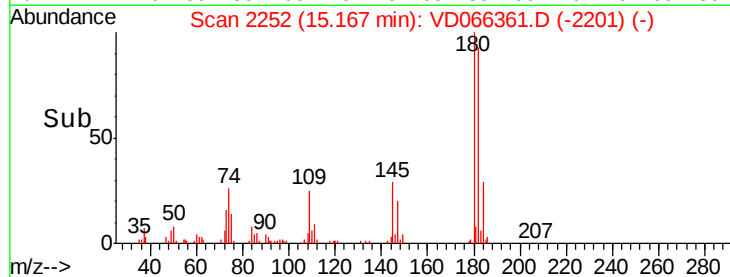
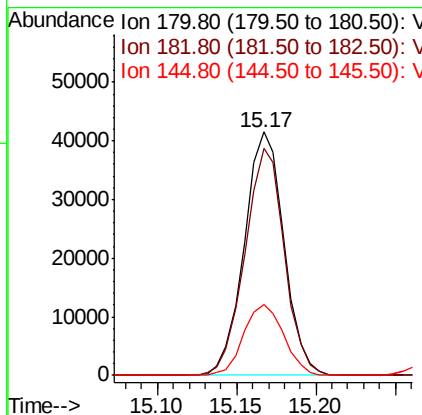
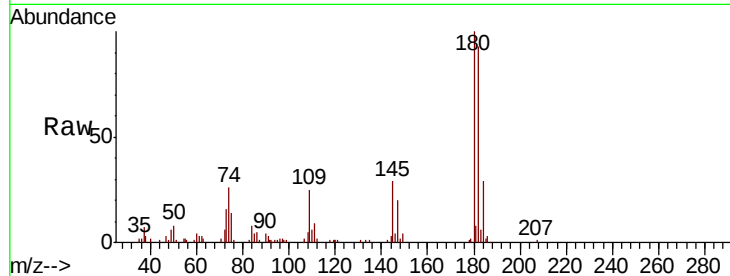




#93
 1,2,4-Trichlorobenzene
 Concen: 19.436 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

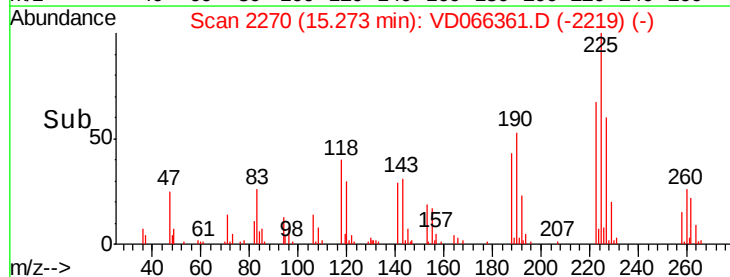
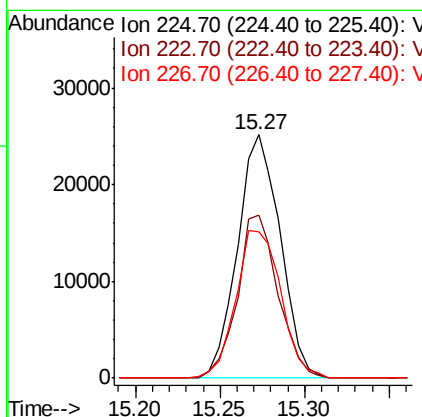
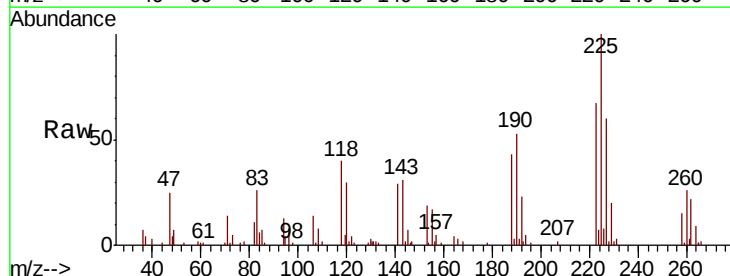
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBSD01

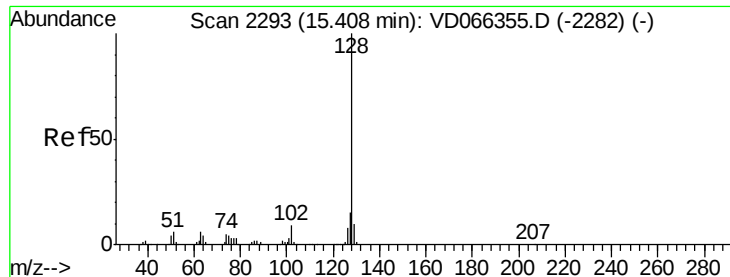
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	48.0	144.0
145	29.3	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 19.128 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066361.D
 Acq: 21 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.5	97.4
227	63.9	33.0	98.9





#95

Naphthalene

Concen: 18.869 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBSD01

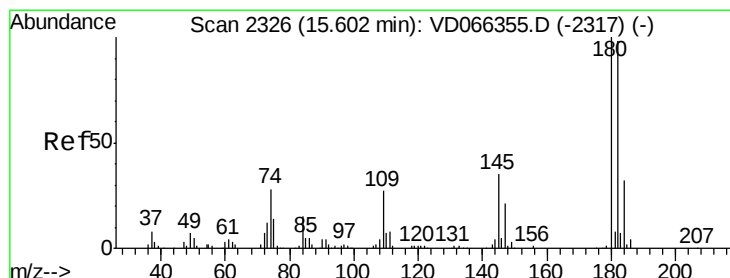
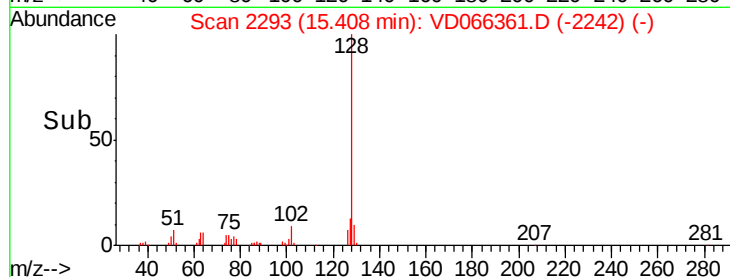
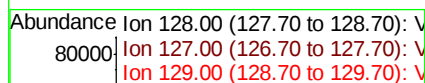
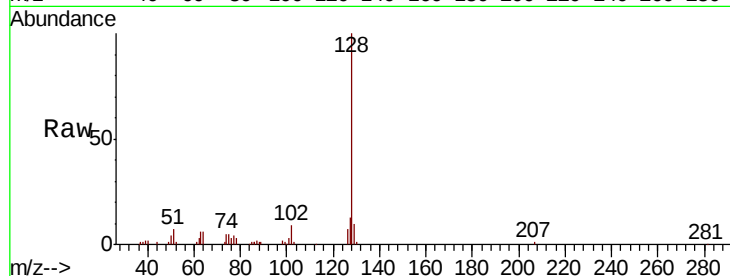
Tot Ion:128 Resp: 110092

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.356 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066361.D

Acq: 21 Aug 2020 15:59

Tgt Ion:180 Resp: 61597

Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.0

145 33.0 16.0 48.0

