

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066952.D
 Acq On : 29 Sep 2020 22:42
 Operator : VA/SY
 Sample : VW0929SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Quant Time: Sep 30 04:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	376919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	569456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178346	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.91	113	190651	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.34	98	658326	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.63	95	237789	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64770	21.305	ug/l	93
3) Chloromethane	2.21	50	67300	19.434	ug/l	99
4) Vinyl Chloride	2.35	62	63979	18.700	ug/l	100
5) Bromomethane	2.76	94	46340	19.270	ug/l	92
6) Chloroethane	2.92	64	41393	19.482	ug/l	98
7) Trichlorofluoromethane	3.27	101	139159	19.805	ug/l	100
8) Diethyl Ether	3.70	74	37796	21.188	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81339	19.964	ug/l	99
10) Methyl Iodide	4.30	142	72184	20.077	ug/l	96
11) Tert butyl alcohol	5.21	59	30098	107.868	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	74268	20.122	ug/l	100
13) Acrolein	3.92	56	23135	85.010	ug/l	94
14) Allyl chloride	4.71	41	104903	19.356	ug/l	95
15) Acrylonitrile	5.43	53	81815	103.495	ug/l	99
16) Acetone	4.16	43	66815	85.377	ug/l	89
17) Carbon Disulfide	4.41	76	222828	19.747	ug/l	100
18) Methyl Acetate	4.71	43	40428	21.052	ug/l #	78
19) Methyl tert-butyl Ether	5.48	73	168438	21.014	ug/l	99
20) Methylene Chloride	4.97	84	106857	22.045	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	90416	21.157	ug/l	95
22) Diisopropyl ether	6.36	45	232256	20.842	ug/l	97
23) Vinyl Acetate	6.31	43	555868	93.567	ug/l	98
24) 1,1-Dichloroethane	6.26	63	152684	20.481	ug/l #	97
25) 2-Butanone	7.21	43	97114	103.262	ug/l	99
26) 2,2-Dichloropropane	7.21	77	125950	18.433	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	99279	21.381	ug/l	100
28) Bromochloromethane	7.55	49	59284	19.249	ug/l	90
29) Tetrahydrofuran	7.56	42	61001	101.229	ug/l	97
30) Chloroform	7.71	83	166600	20.732	ug/l	94
31) Cyclohexane	7.98	56	123795	18.455	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	147510	20.292	ug/l	99
36) 1,1-Dichloropropene	8.11	75	121956	19.794	ug/l	99
37) Ethyl Acetate	7.30	43	45869	20.594	ug/l #	93
38) Carbon Tetrachloride	8.09	117	131075	19.459	ug/l	93

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	131825	18.635	ug/l	96
40) Benzene	8.35	78	356288	20.749	ug/l	96
41) Methacrylonitrile	7.53	41	22294	16.276	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	101129	19.922	ug/l	98
43) Isopropyl Acetate	8.45	43	85201	19.841	ug/l	99
44) Trichloroethene	9.11	130	101721	20.783	ug/l	94
45) 1,2-Dichloropropane	9.38	63	89116	20.627	ug/l	96
46) Dibromomethane	9.47	93	49689	21.168	ug/l	97
47) Bromodichloromethane	9.66	83	128132	20.320	ug/l #	97
48) Methyl methacrylate	9.46	41	40963	19.348	ug/l	98
49) 1,4-Dioxane	9.46	88	11896	382.849	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	223696	102.808	ug/l	99
52) Toluene	10.40	92	233993	21.156	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	110499	20.589	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	132122	20.189	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	69212	21.449	ug/l	95
56) Ethyl methacrylate	10.66	69	72840	21.071	ug/l	98
57) 1,3-Dichloropropane	10.94	76	114978	21.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	196658	120.147	ug/l	99
59) 2-Hexanone	10.98	43	148723	101.355	ug/l	99
60) Dibromochloromethane	11.14	129	91605	21.751	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68878	22.949	ug/l	99
64) Tetrachloroethene	10.87	164	87924	21.465	ug/l	99
65) Chlorobenzene	11.67	112	251558	21.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	95217	21.224	ug/l	97
67) Ethyl Benzene	11.74	91	427457	20.532	ug/l	97
68) m/p-Xylenes	11.86	106	334999	42.501	ug/l	100
69) o-Xylene	12.18	106	148794	20.877	ug/l	99
70) Styrene	12.20	104	267117	21.581	ug/l	99
71) Bromoform	12.36	173	51207	22.543	ug/l #	94
73) Isopropylbenzene	12.48	105	406399	20.802	ug/l	99
74) N-amyl acetate	12.29	43	77574	20.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	73381	21.768	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	91533	40.842	ug/l #	100
77) Bromobenzene	12.76	156	99536	21.785	ug/l	95
78) n-propylbenzene	12.82	91	483664	20.579	ug/l	99
79) 2-Chlorotoluene	12.91	91	281246	20.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	354005	21.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20396	22.769	ug/l	93
82) 4-Chlorotoluene	13.01	91	300076	21.254	ug/l	97
83) tert-Butylbenzene	13.23	119	279823	20.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	352794	21.462	ug/l	99
85) sec-Butylbenzene	13.40	105	403989	20.624	ug/l	99
86) p-Isopropyltoluene	13.52	119	368334	20.861	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	192457	21.320	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	192828	21.508	ug/l	99
89) n-Butylbenzene	13.85	91	317175	18.900	ug/l	99
90) Hexachloroethane	14.12	117	73705	20.562	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	165542	21.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11430	21.077	ug/l	94

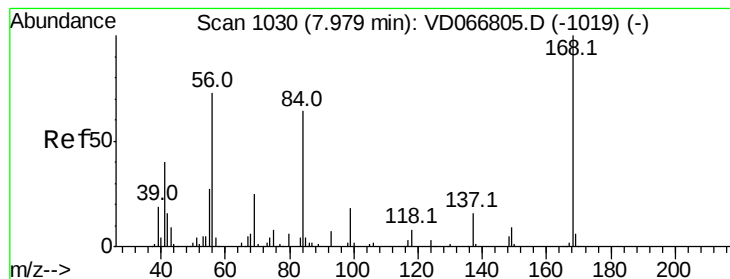
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	101882	20.956	ug/l	95
94) Hexachlorobutadiene	15.27	225	59980	20.588	ug/l	99
95) Naphthalene	15.41	128	168231	20.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	90281	21.515	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

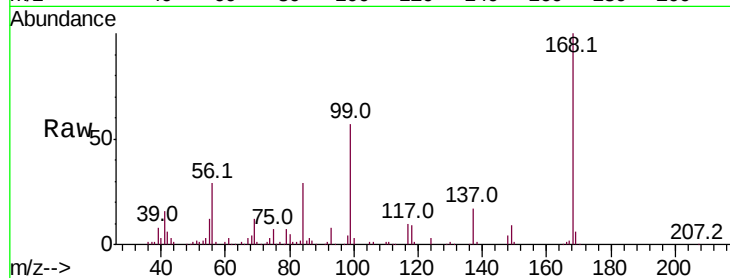
VW0929SBS02

Tot Ion:168 Resp: 376919

Ion Ratio Lower Upper

168 100

99 57.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

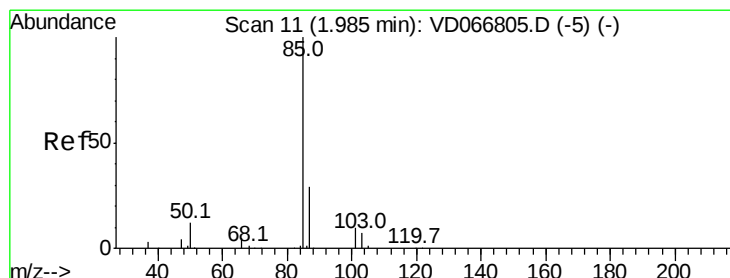
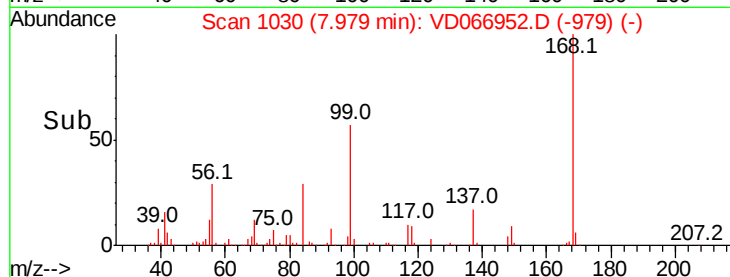
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.305 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066952.D

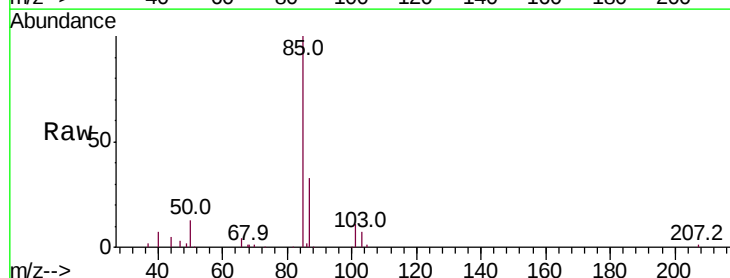
Acq: 29 Sep 2020 22:42

Tgt Ion: 85 Resp: 64770

Ion Ratio Lower Upper

85 100

87 32.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

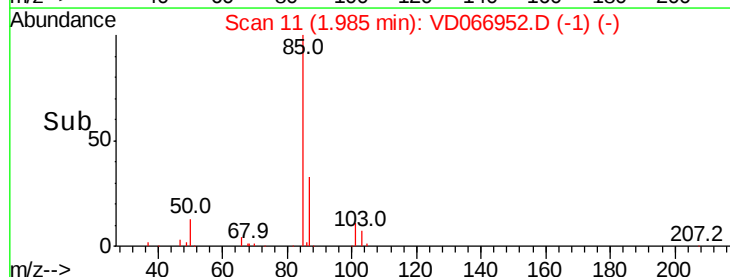
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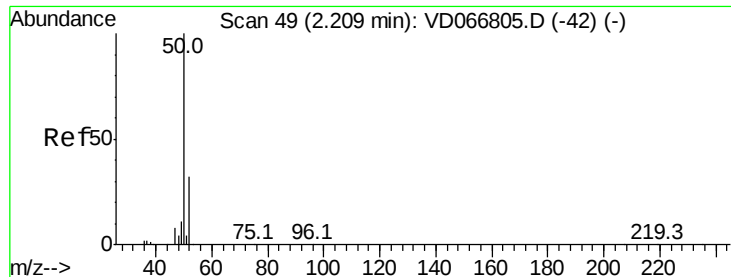
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.434 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

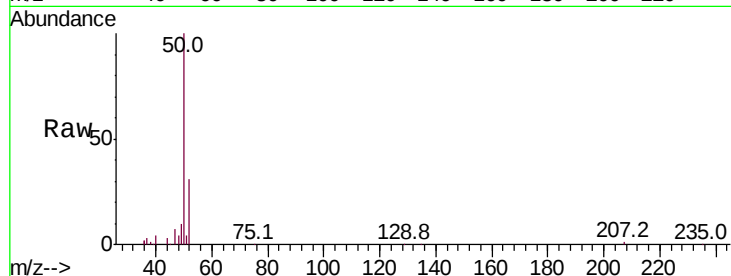
VW0929SBS02

Tot Ion: 50 Resp: 67300

Ion Ratio Lower Upper

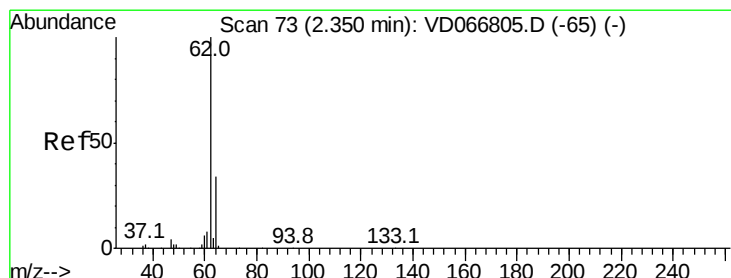
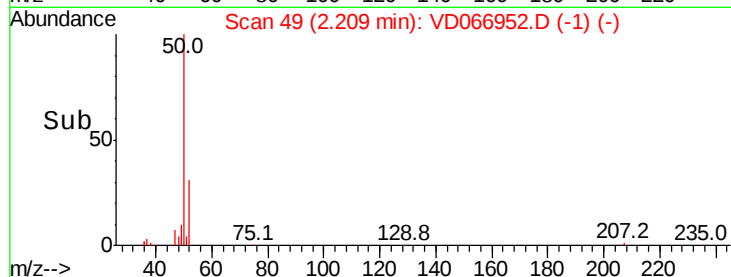
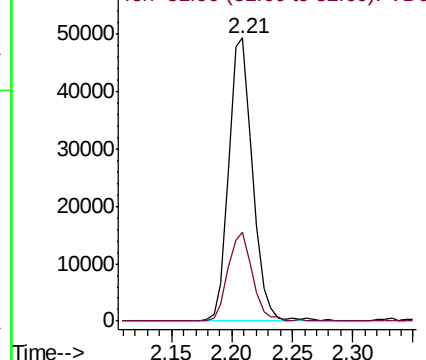
50 100

52 31.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.700 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066952.D

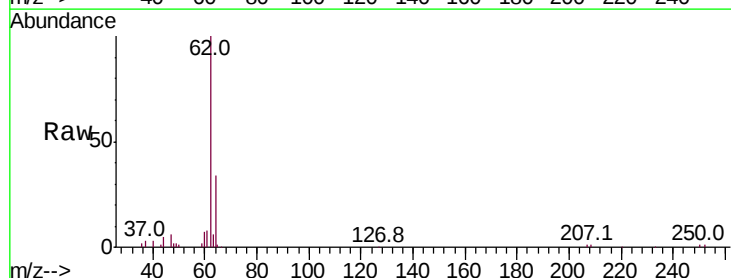
Acq: 29 Sep 2020 22:42

Tgt Ion: 62 Resp: 63979

Ion Ratio Lower Upper

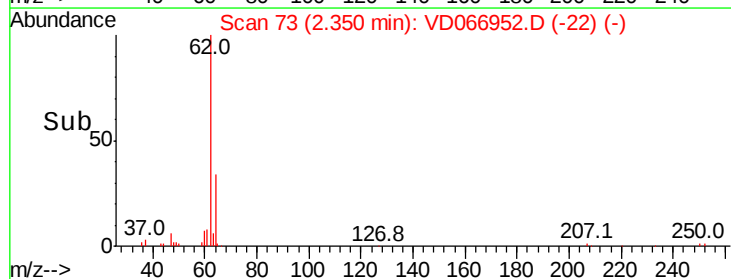
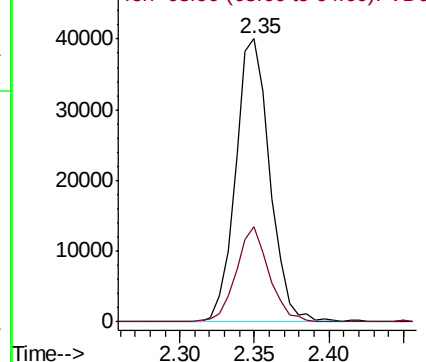
62 100

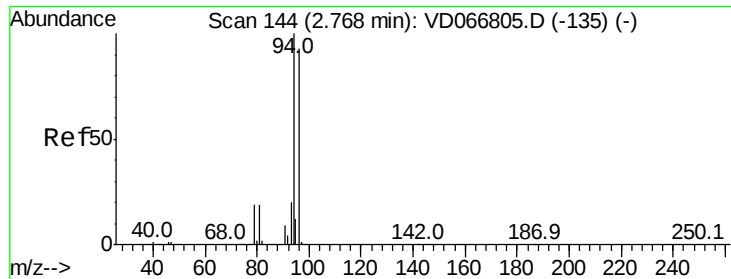
64 33.8 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.270 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

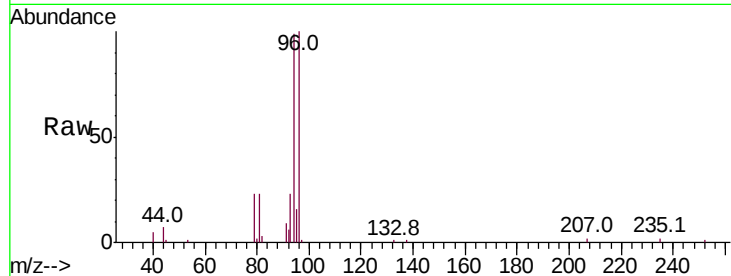
VW0929SBS02

Tot Ion: 94 Resp: 46340

Ion Ratio Lower Upper

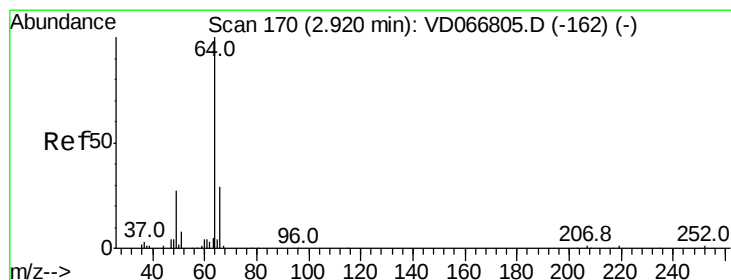
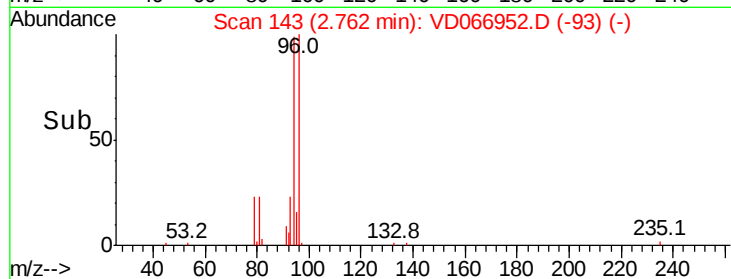
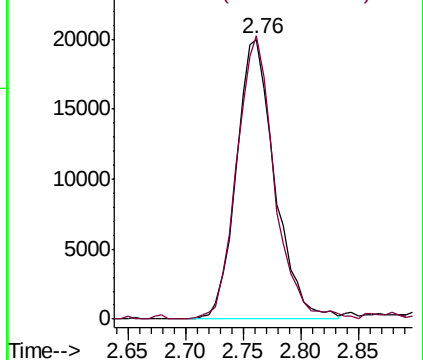
94 100

96 101.0 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.482 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066952.D

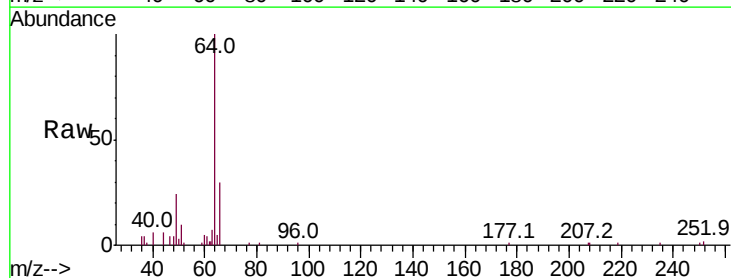
Acq: 29 Sep 2020 22:42

Tgt Ion: 64 Resp: 41393

Ion Ratio Lower Upper

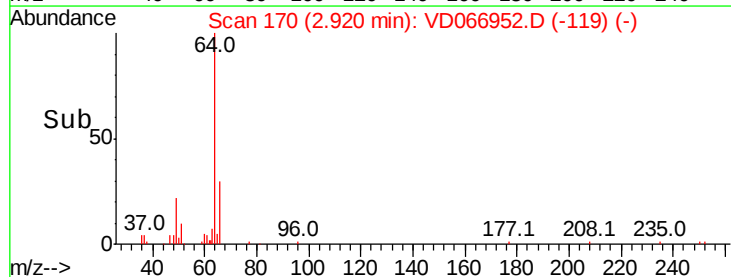
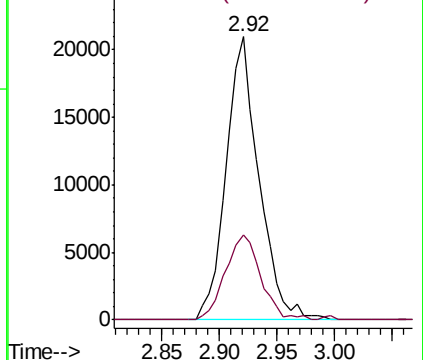
64 100

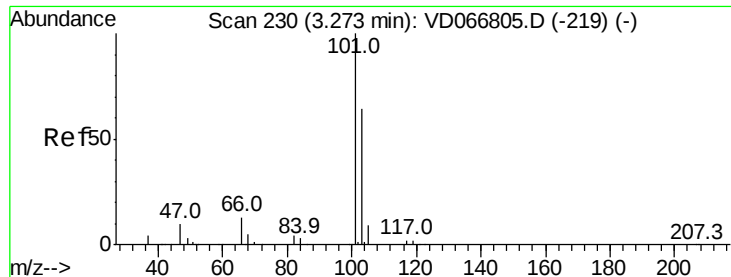
66 30.0 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



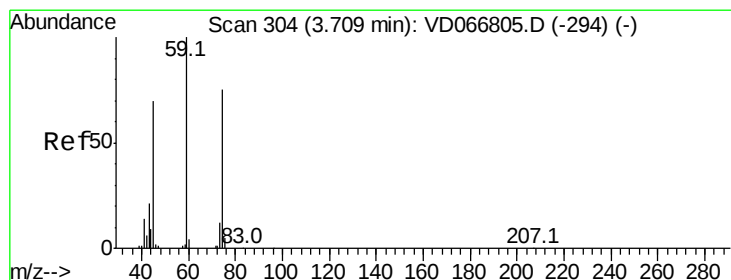
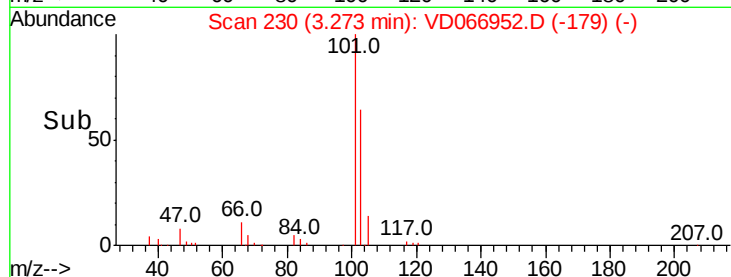
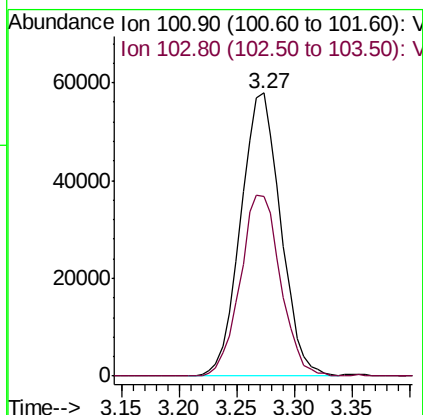
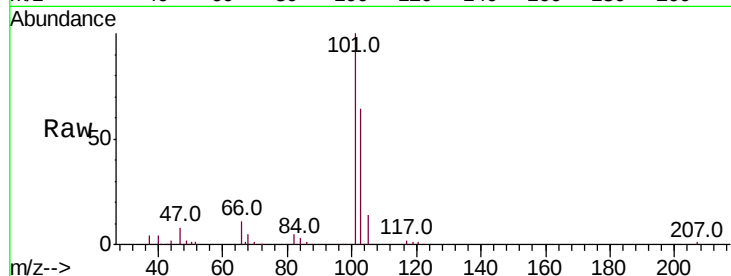


#7

Trichlorofluoromethane
 Concen: 19.805 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

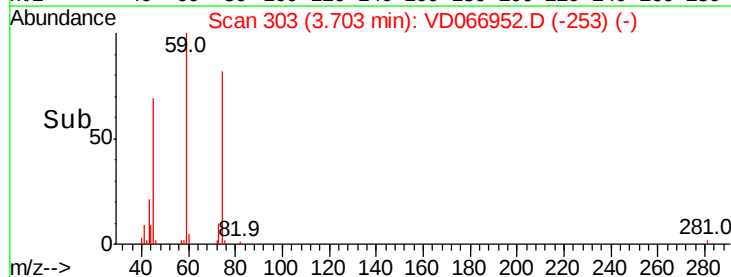
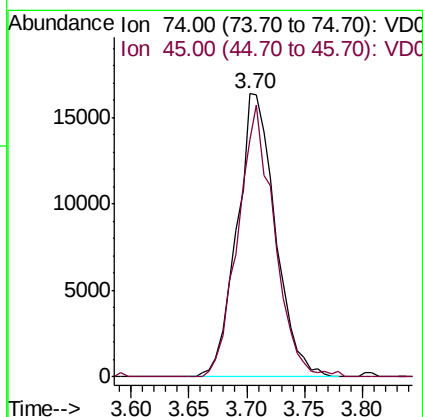
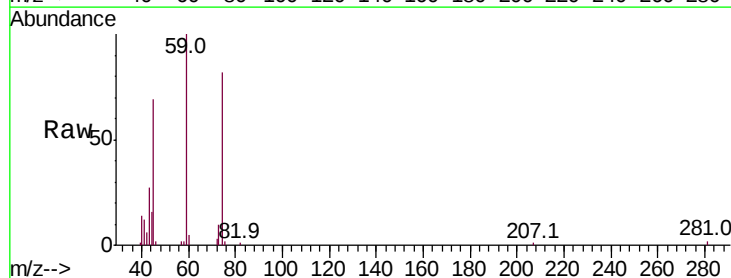
Tot Ion:101 Resp: 139159
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.6

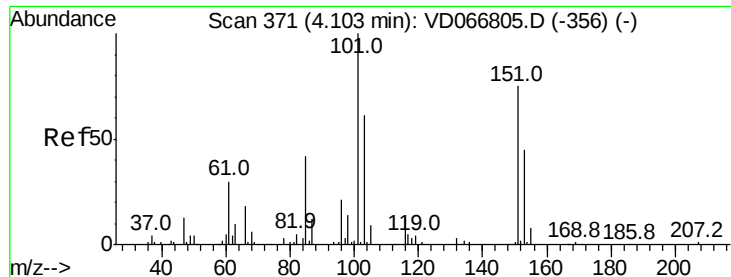


#8

Diethyl Ether
 Concen: 21.188 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion: 74 Resp: 37796
 Ion Ratio Lower Upper
 74 100
 45 91.3 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.964 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

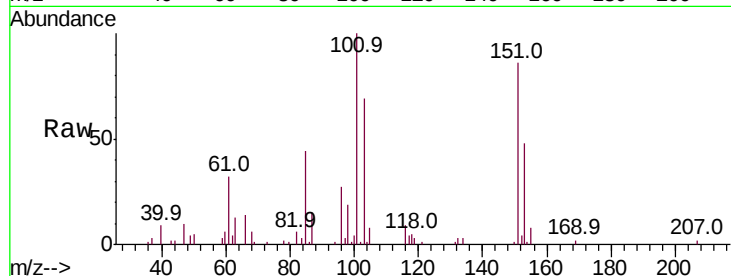
Tot Ion:101 Resp: 81339

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.2

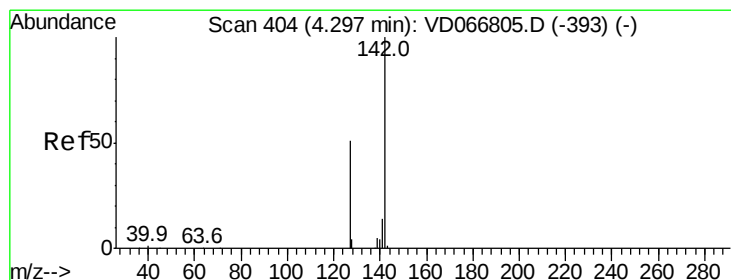
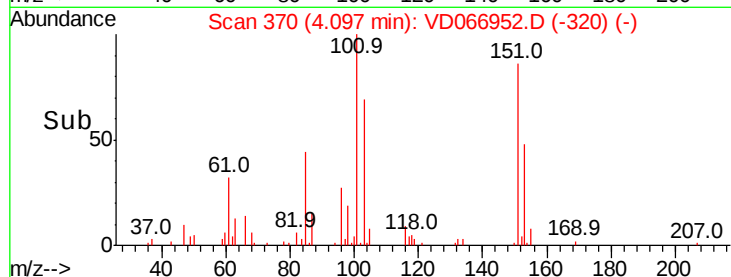
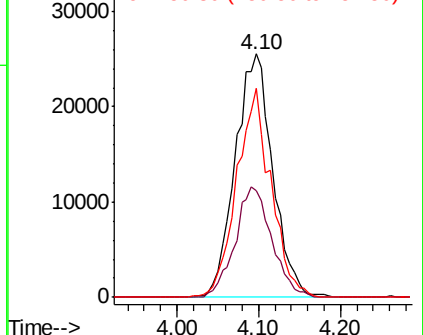
151 78.6 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.077 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

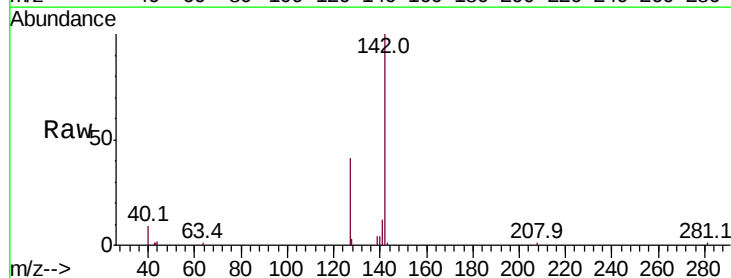
Tgt Ion:142 Resp: 72184

Ion Ratio Lower Upper

142 100

127 46.9 39.4 59.0

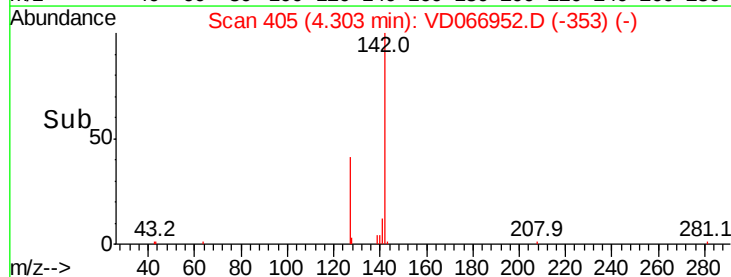
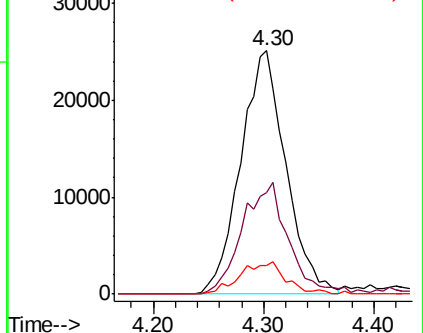
141 13.5 12.1 18.1

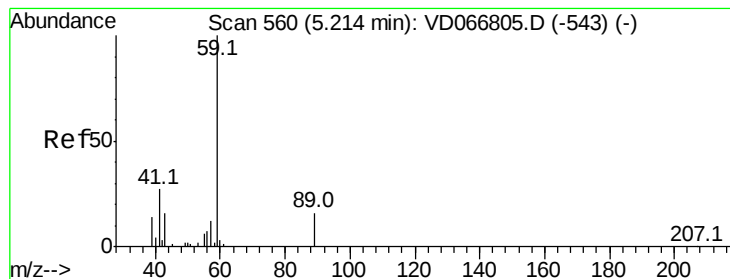


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 107.868 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

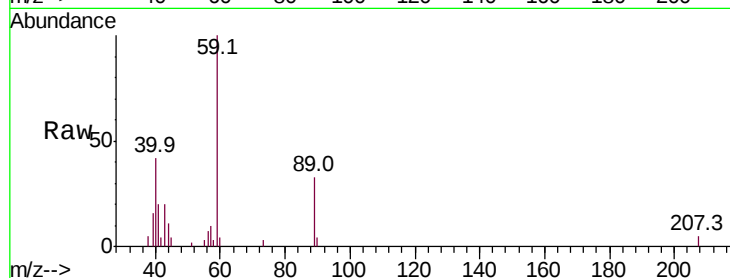
VW0929SBS02

Tot Ion: 59 Resp: 30098

Ion Ratio Lower Upper

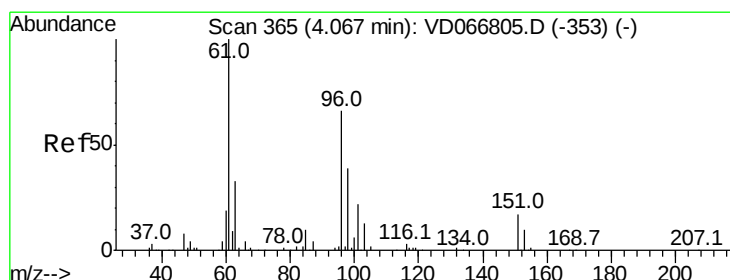
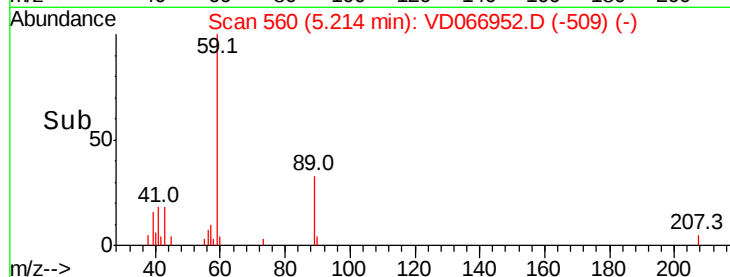
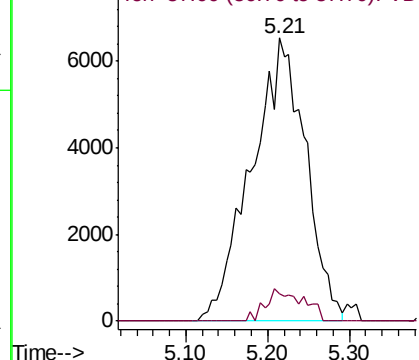
59 100

57 7.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.122 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

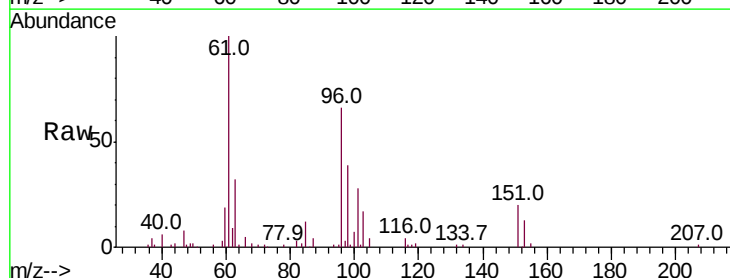
Tgt Ion: 96 Resp: 74268

Ion Ratio Lower Upper

96 100

61 151.2 120.8 181.2

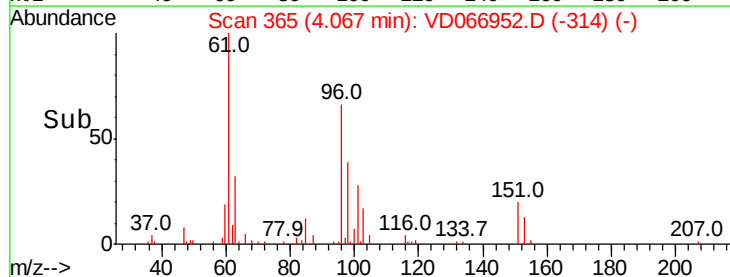
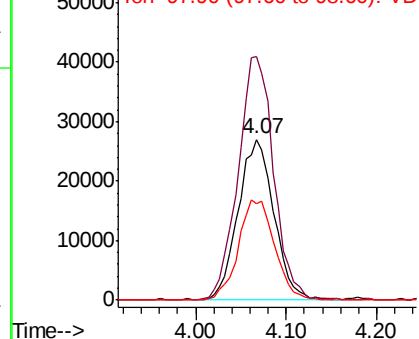
98 59.7 47.7 71.5

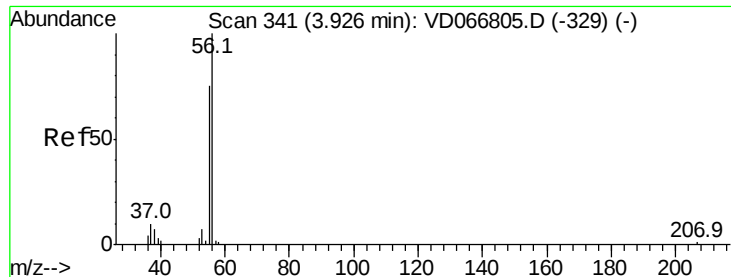


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 85.010 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

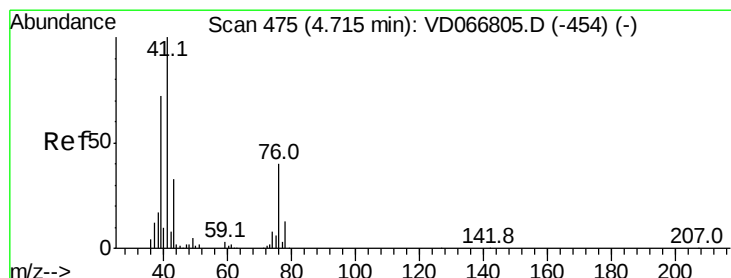
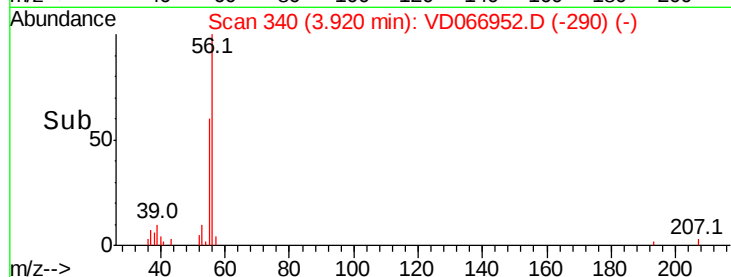
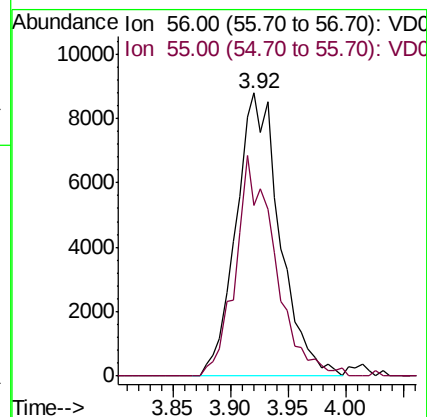
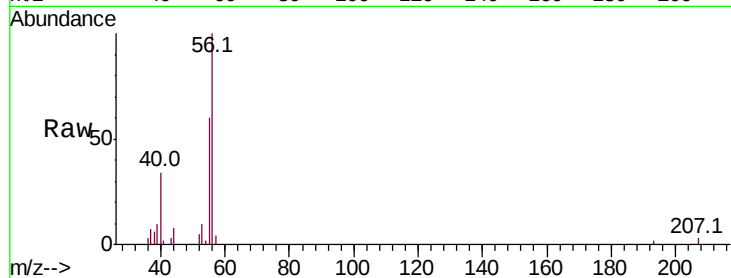
VW0929SBS02

Tot Ion: 56 Resp: 23135

Ion Ratio Lower Upper

56 100

55 70.1 60.3 90.5



#14

Allyl chloride

Concen: 19.356 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

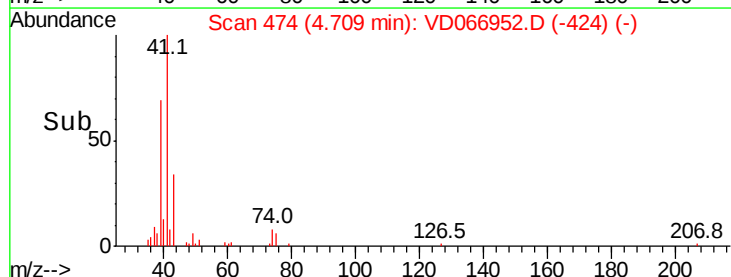
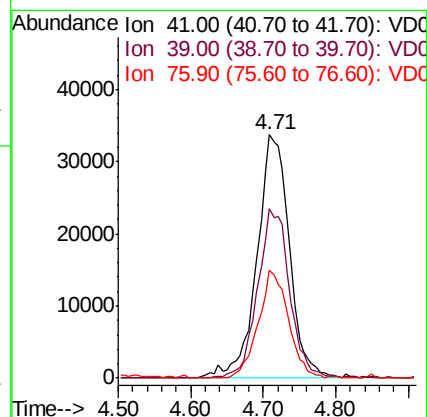
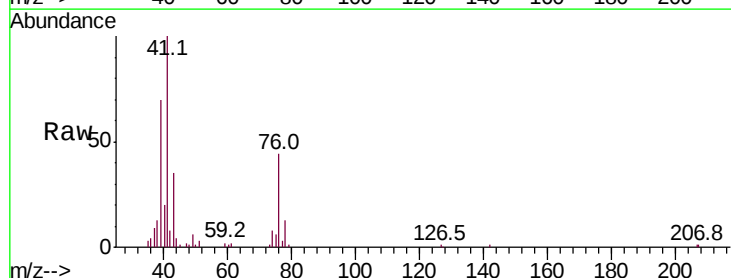
Tgt Ion: 41 Resp: 104903

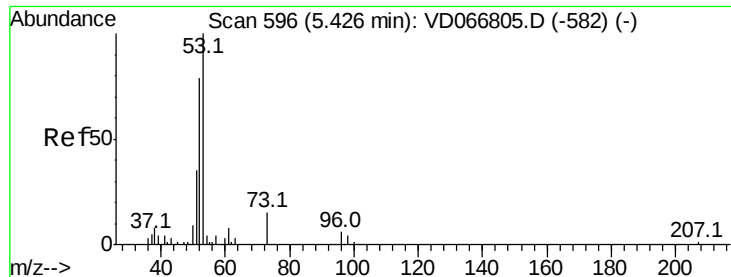
Ion Ratio Lower Upper

41 100

39 68.2 57.8 86.8

76 40.9 30.9 46.3





#15

Acrylonitrile

Concen: 103.495 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

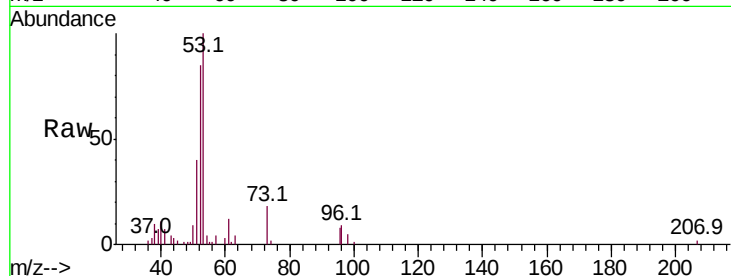
Tot Ion: 53 Resp: 81815

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

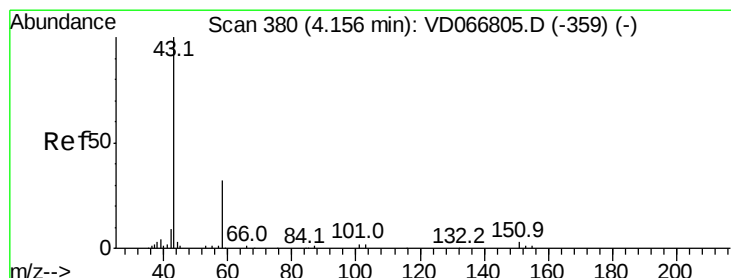
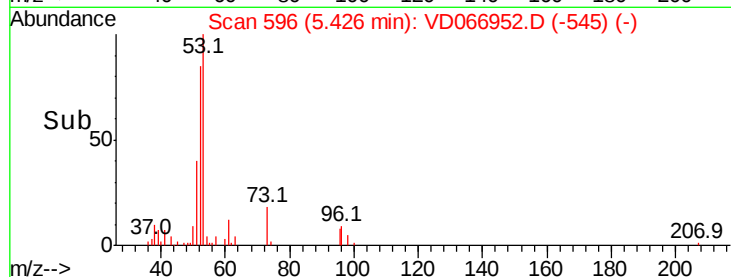
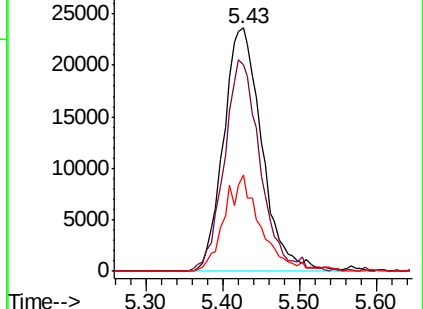
51 37.0 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 85.377 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066952.D

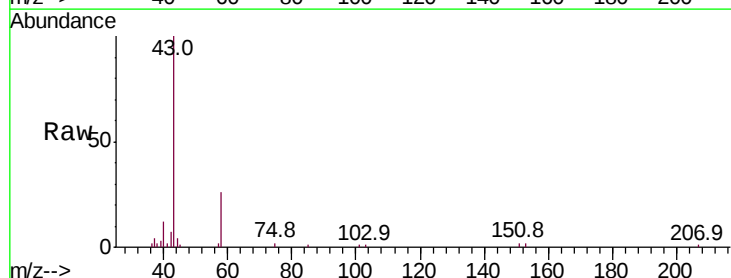
Acq: 29 Sep 2020 22:42

Tgt Ion: 43 Resp: 66815

Ion Ratio Lower Upper

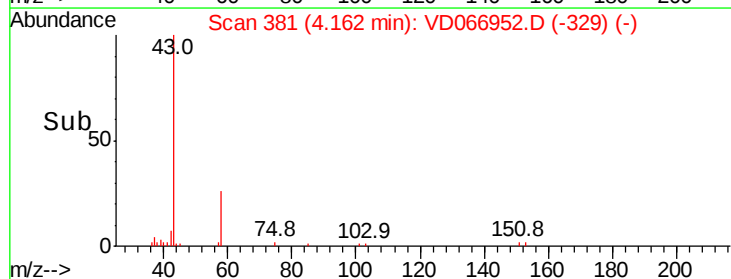
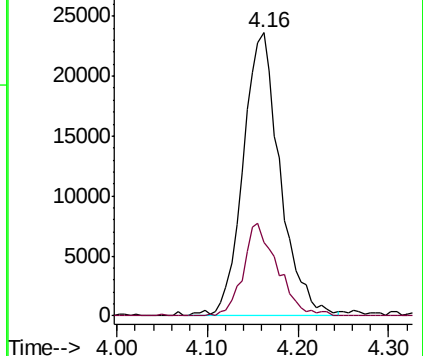
43 100

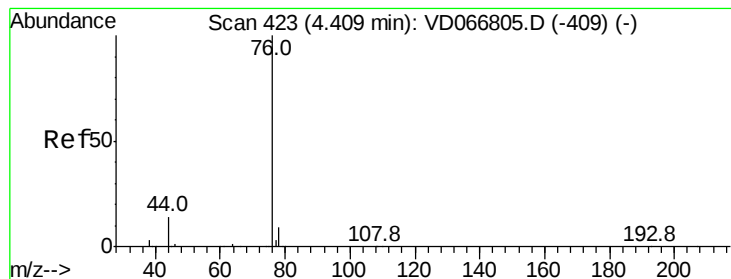
58 26.1 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.747 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

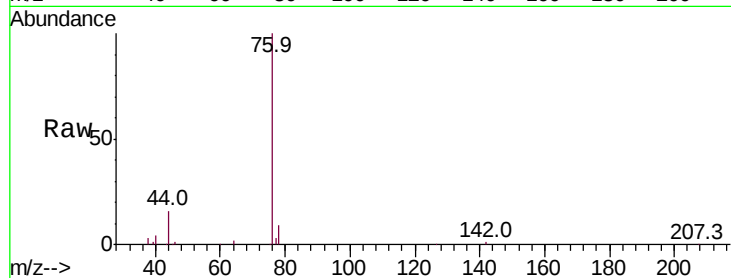
VW0929SBS02

Tot Ion: 76 Resp: 222828

Ion Ratio Lower Upper

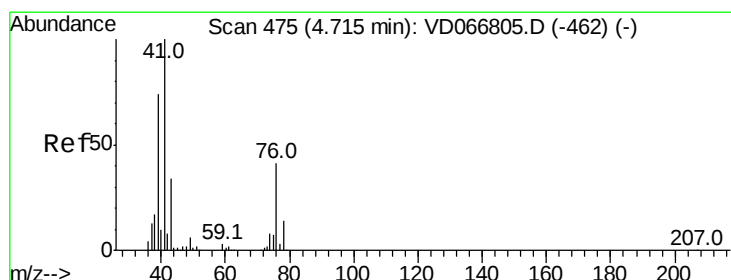
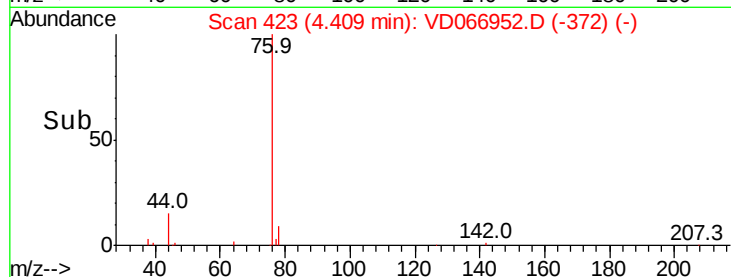
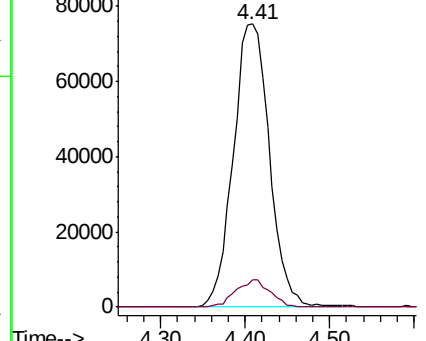
76 100

78 9.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.052 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066952.D

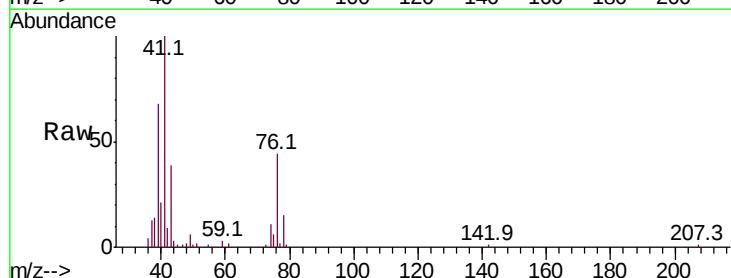
Acq: 29 Sep 2020 22:42

Tgt Ion: 43 Resp: 40428

Ion Ratio Lower Upper

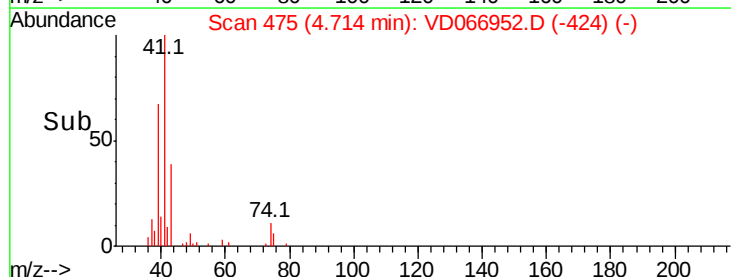
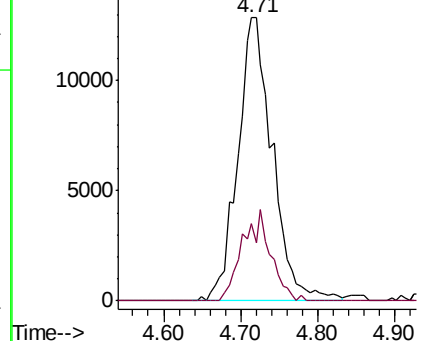
43 100

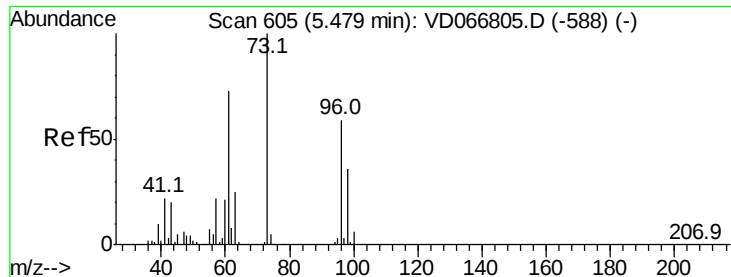
74 14.2 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



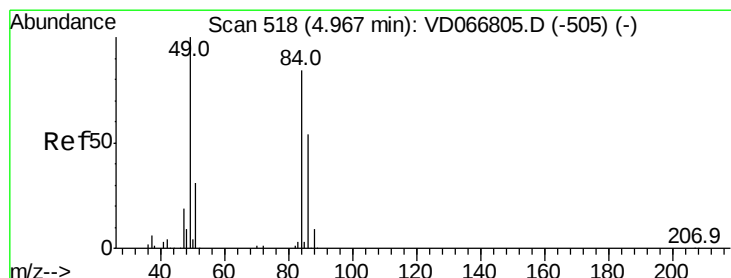
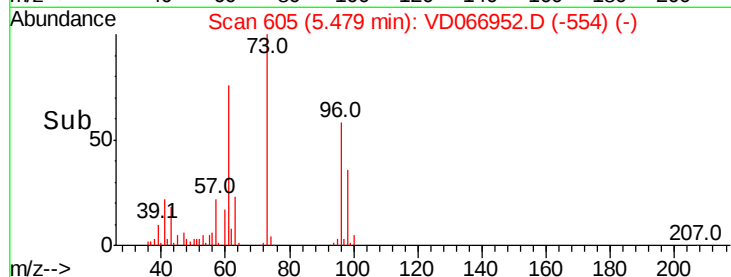
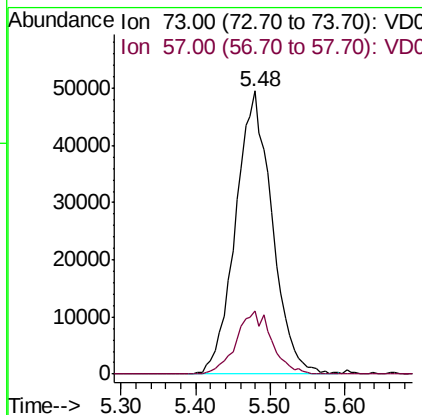
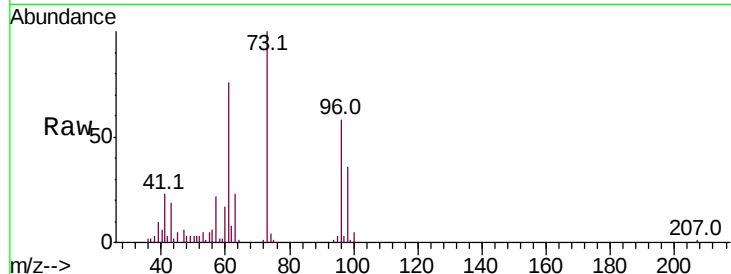


#19

Methyl tert-butyl Ether
 Concen: 21.014 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleID :
 VW0929SBS02

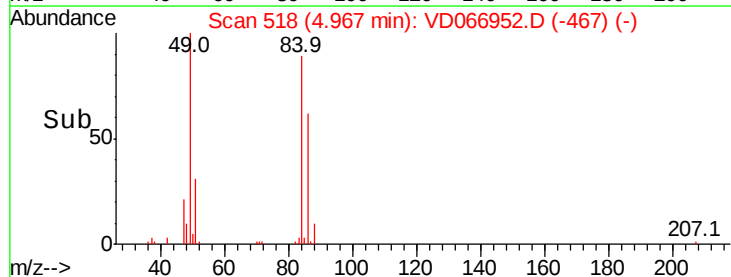
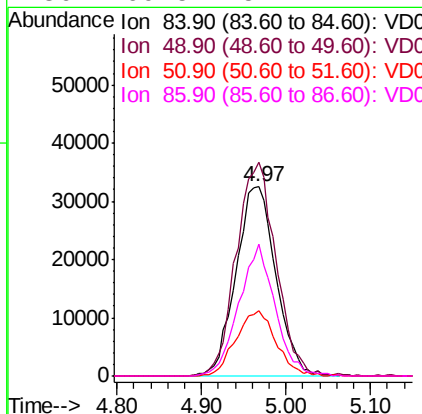
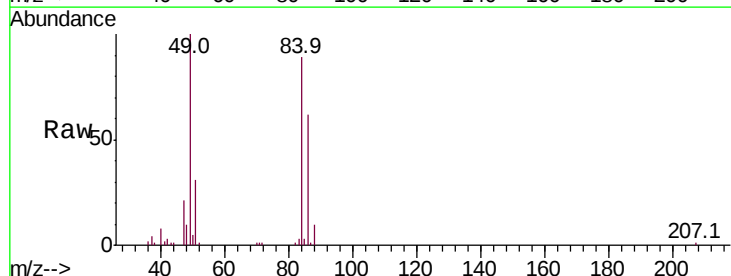
Tot Ion: 73 Resp: 168438
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.4 26.2

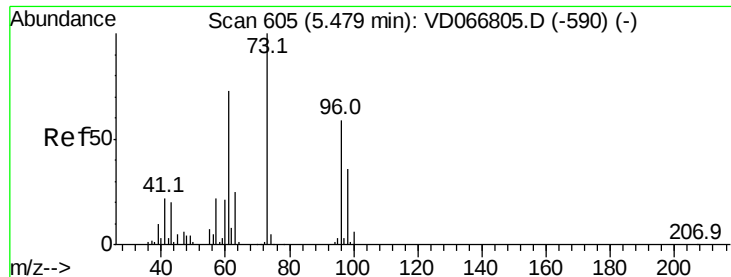


#20

Methylene Chloride
 Concen: 22.045 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion: 84 Resp: 106857
 Ion Ratio Lower Upper
 84 100
 49 113.0 95.4 143.2
 51 34.6 29.7 44.5
 86 69.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.157 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

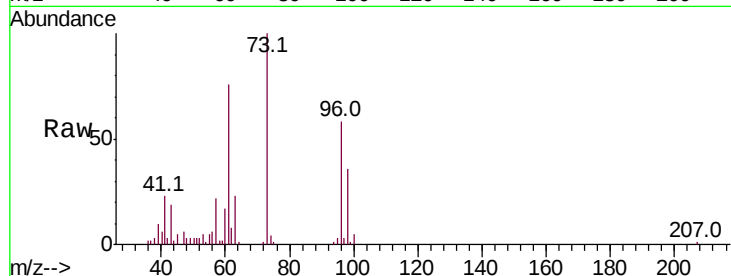
Tot Ion: 96 Resp: 90416

Ion Ratio Lower Upper

96 100

61 131.0 98.9 148.3

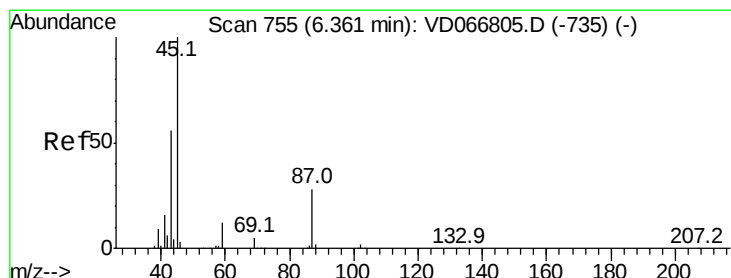
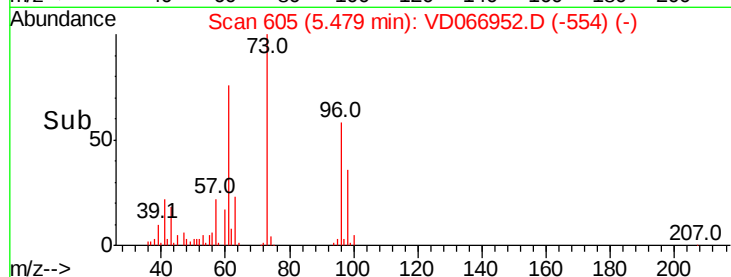
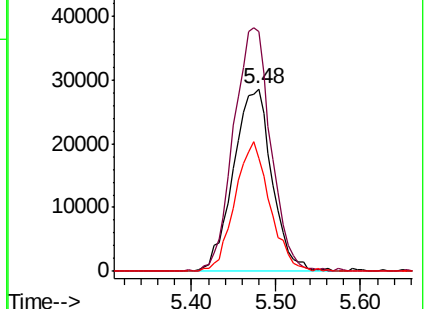
98 61.7 48.4 72.6



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: 20.842 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion: 45 Resp: 232256

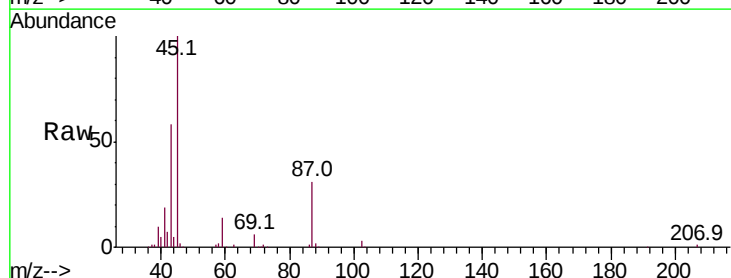
Ion Ratio Lower Upper

45 100

43 56.9 44.5 66.7

87 31.1 22.9 34.3

59 13.8 9.4 14.0

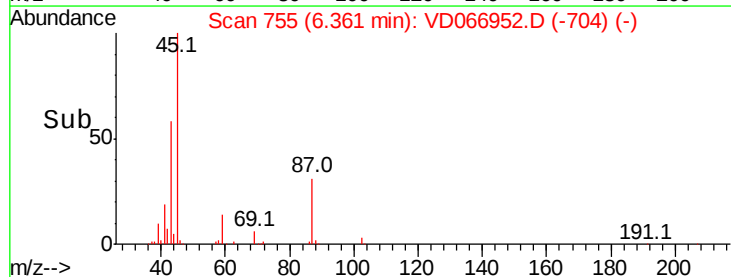
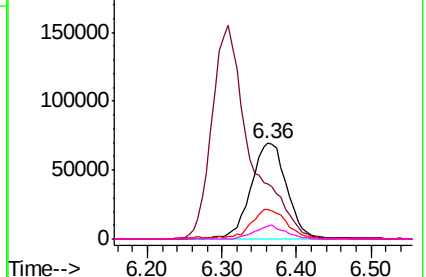


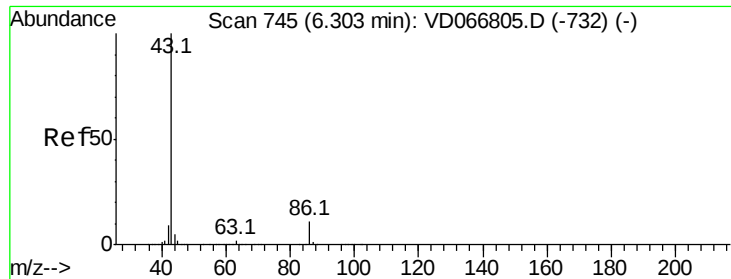
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 93.567 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

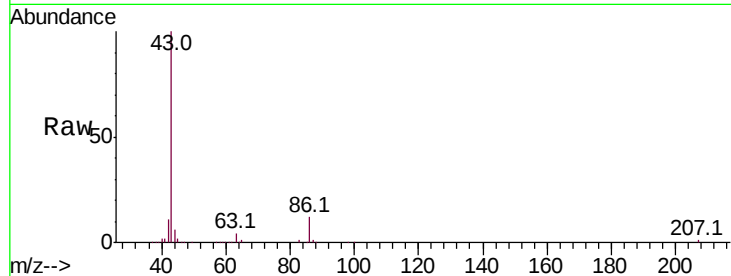
VW0929SBS02

Tot Ion: 43 Resp: 555868

Ion Ratio Lower Upper

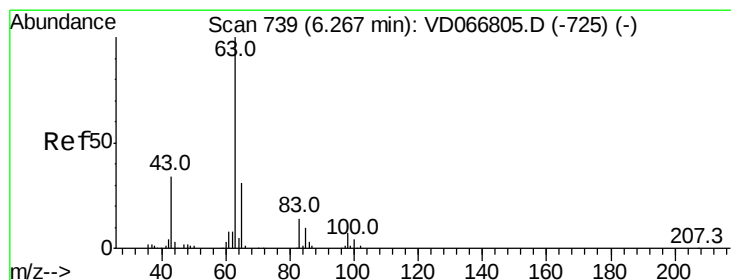
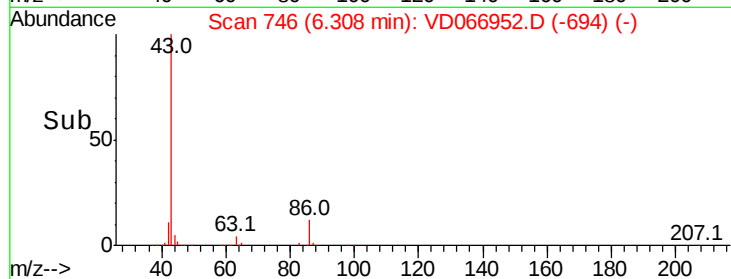
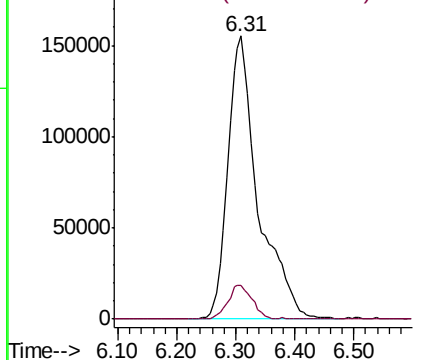
43 100

86 12.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.481 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

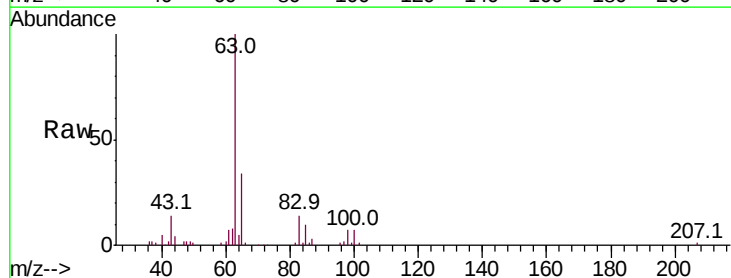
Tgt Ion: 63 Resp: 152684

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

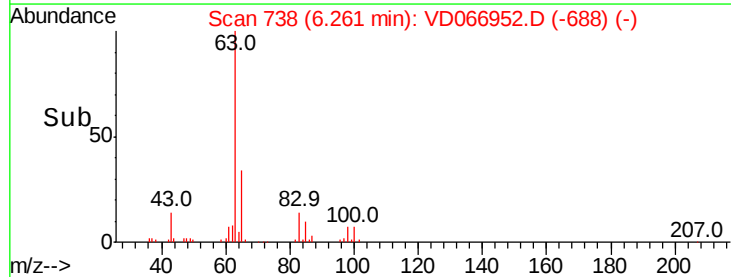
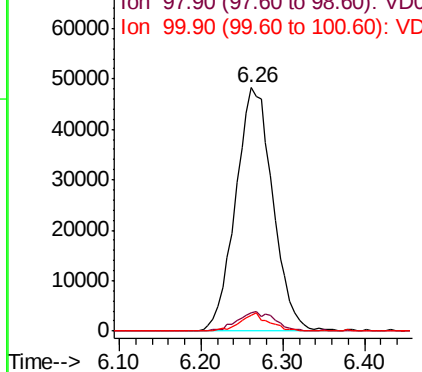
100 6.5 1.8 5.5#

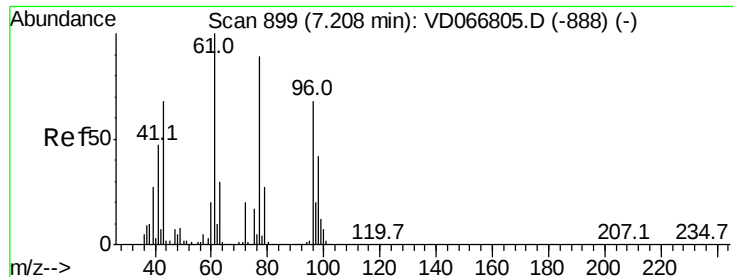


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

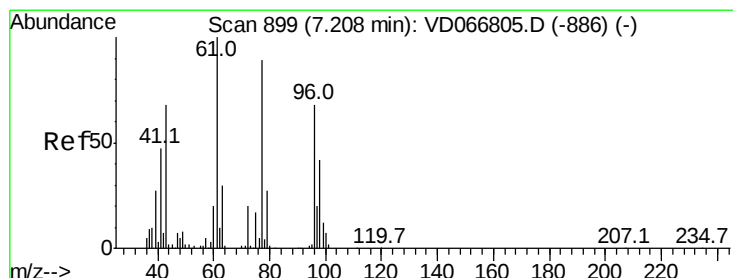
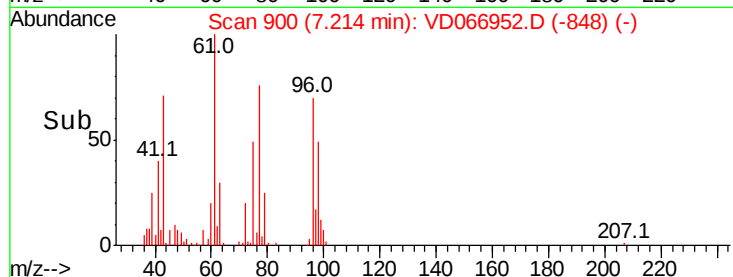
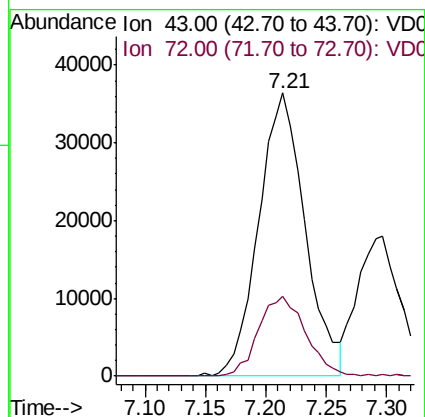
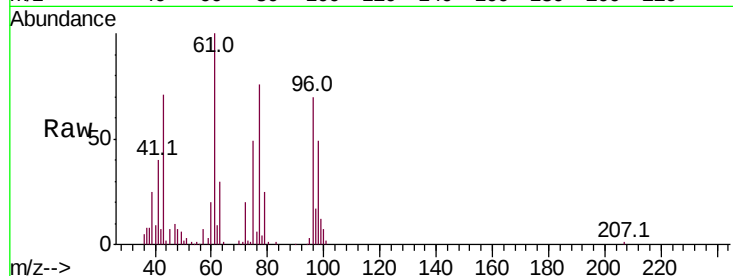




#25
2-Butanone
Concen: 103.262 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

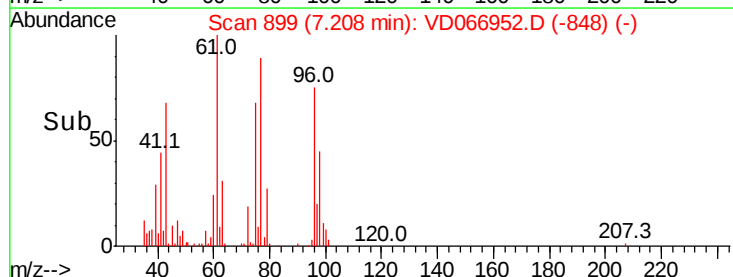
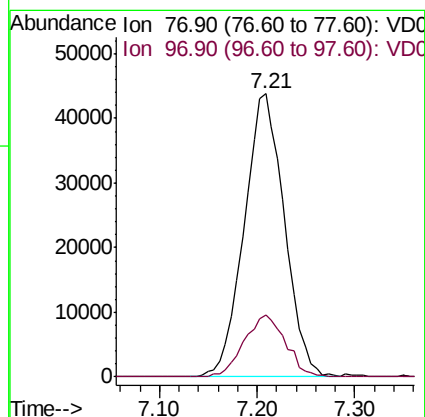
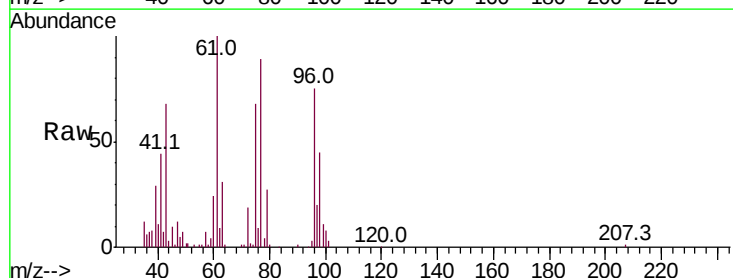
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

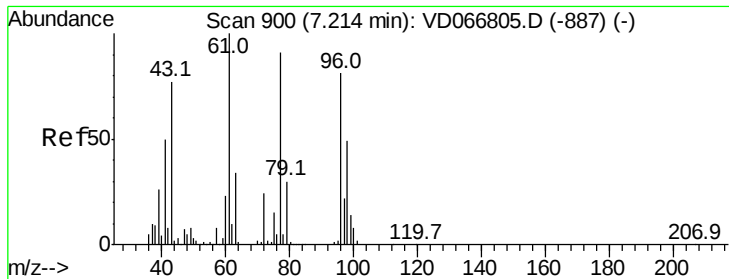
Tot Ion: 43 Resp: 97114
Ion Ratio Lower Upper
43 100
72 28.2 22.9 34.3



#26
2,2-Dichloropropane
Concen: 18.433 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 77 Resp: 125950
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 21.381 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

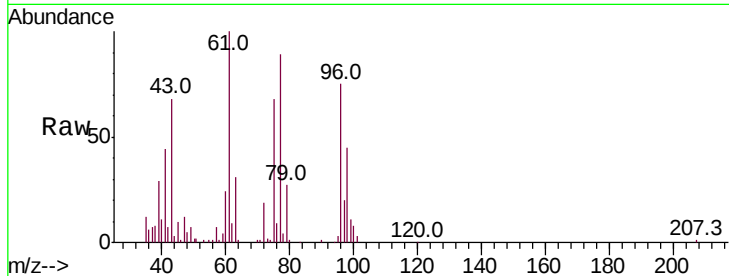
Tot Ion: 96 Resp: 99279

Ion Ratio Lower Upper

96 100

61 141.7 0.0 283.8

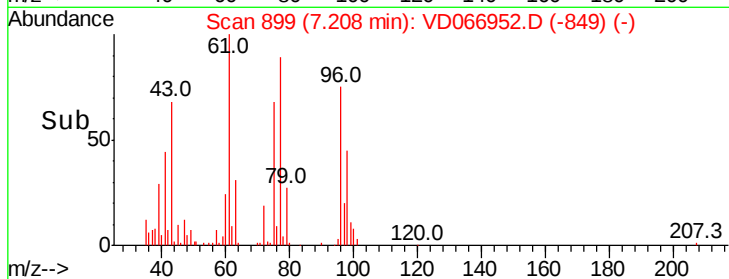
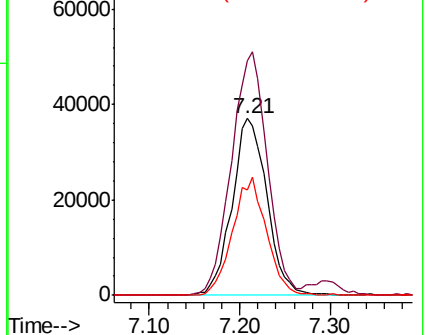
98 64.5 0.0 128.4



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: 19.249 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

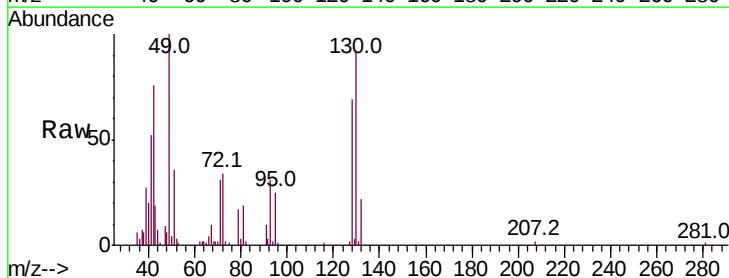
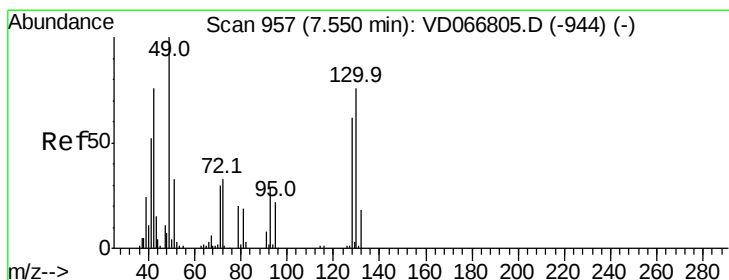
Tgt Ion: 49 Resp: 59284

Ion Ratio Lower Upper

49 100

129 1.0 0.0 2.0

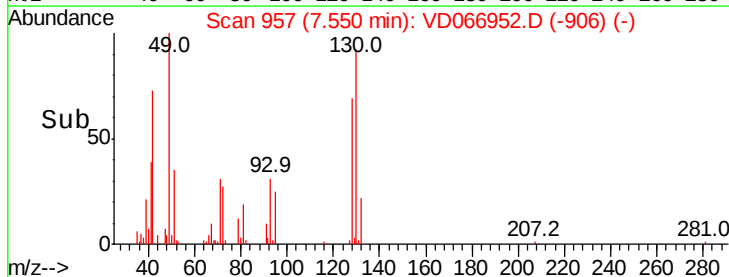
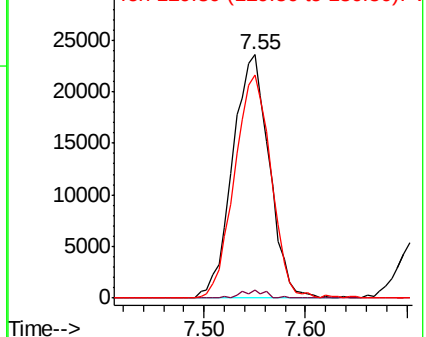
130 91.2 65.9 98.9

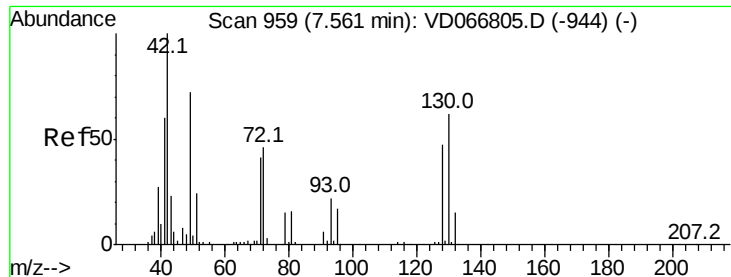


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

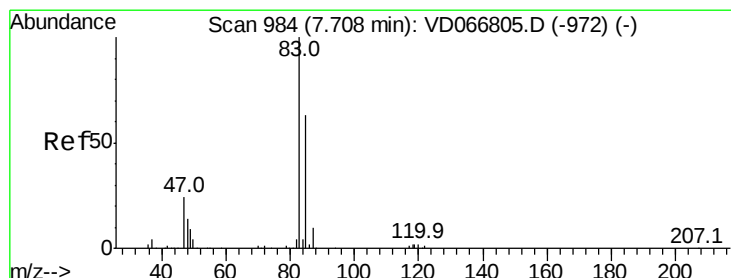
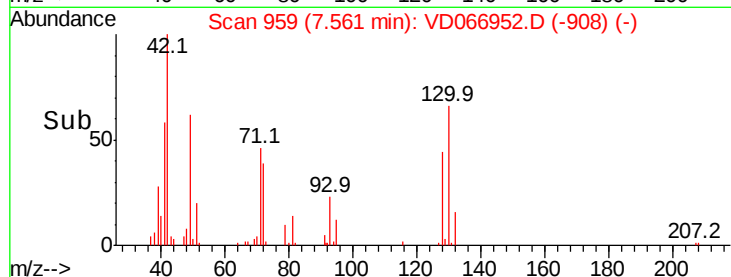
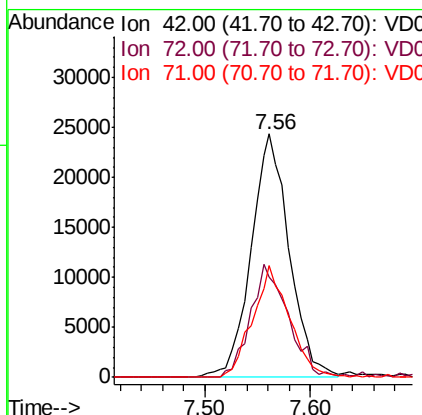
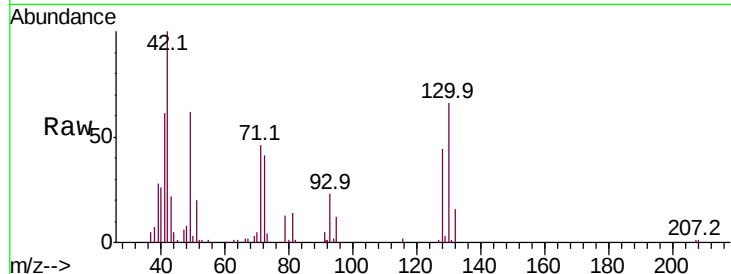




#29
Tetrahydrofuran
Concen: 101.229 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

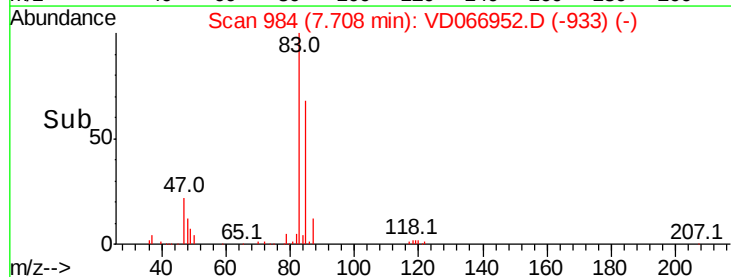
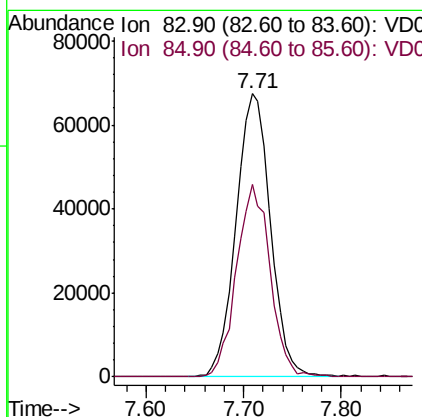
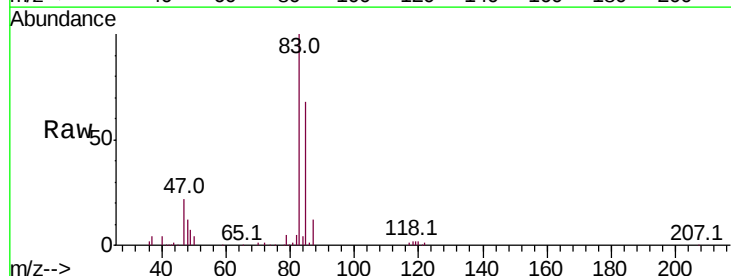
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

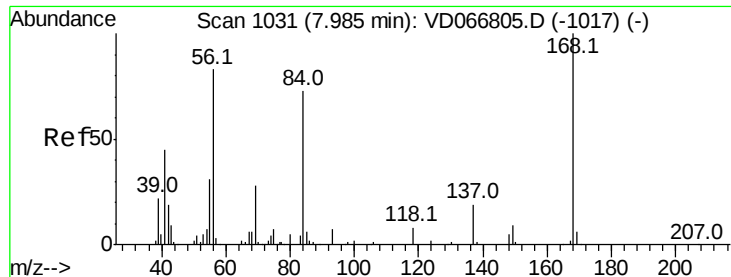
Tot Ion: 42 Resp: 61001
Ion Ratio Lower Upper
42 100
72 46.1 36.2 54.4
71 44.0 32.4 48.6



#30
Chloroform
Concen: 20.732 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 83 Resp: 166600
Ion Ratio Lower Upper
83 100
85 67.9 50.6 75.8

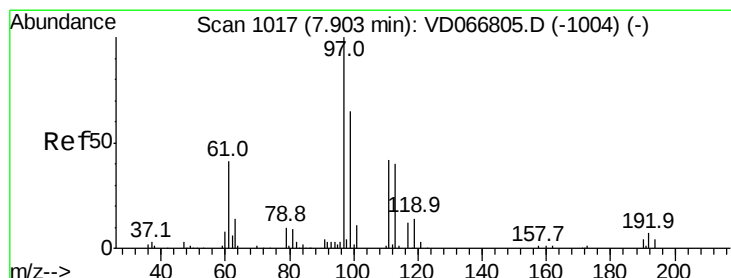
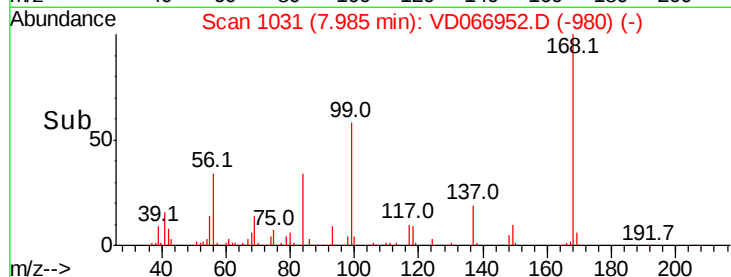
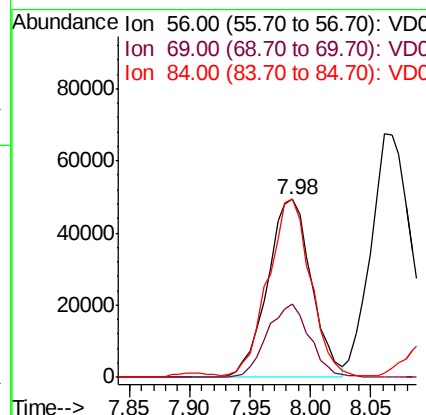
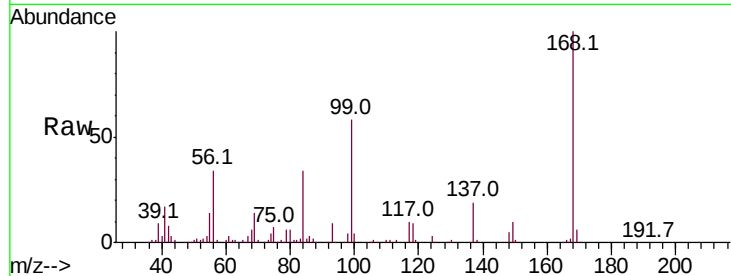




#31
Cyclohexane
Concen: 18.455 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

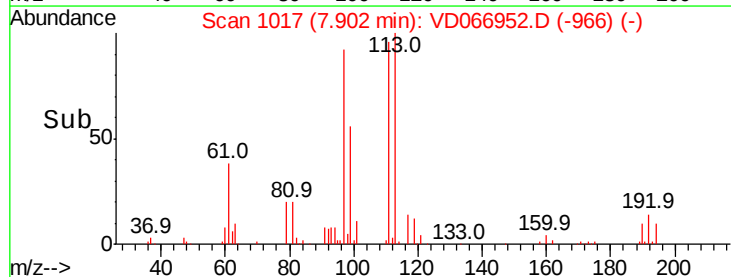
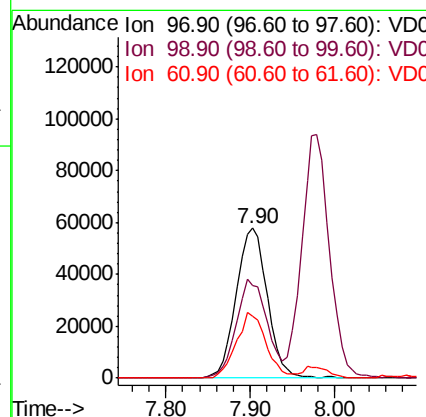
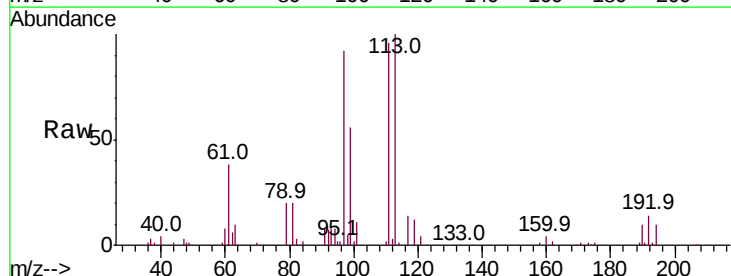
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

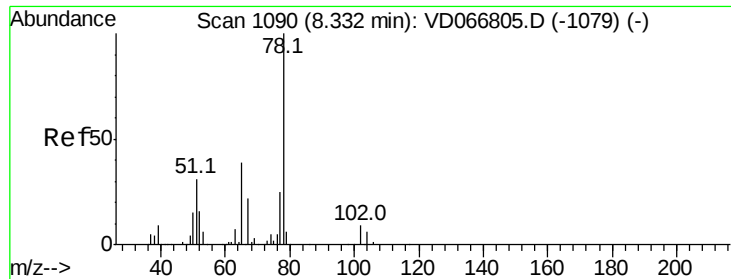
Tot Ion: 56 Resp: 123795
Ion Ratio Lower Upper
56 100
69 41.1 27.0 40.4#
84 98.1 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 20.292 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 97 Resp: 147510
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 41.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.344 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

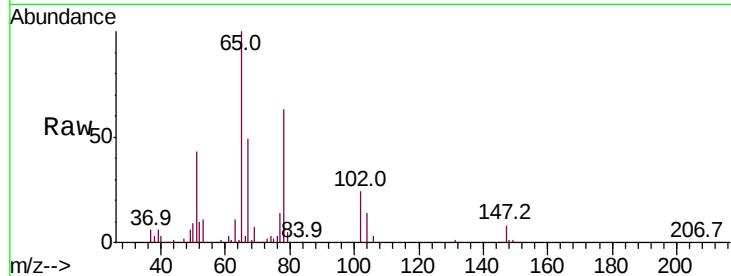
VW0929SBS02

Tot Ion: 65 Resp: 178346

Ion Ratio Lower Upper

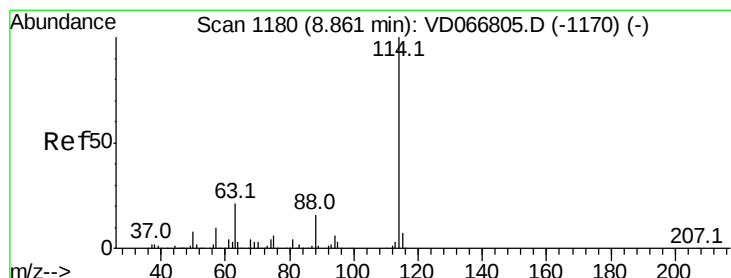
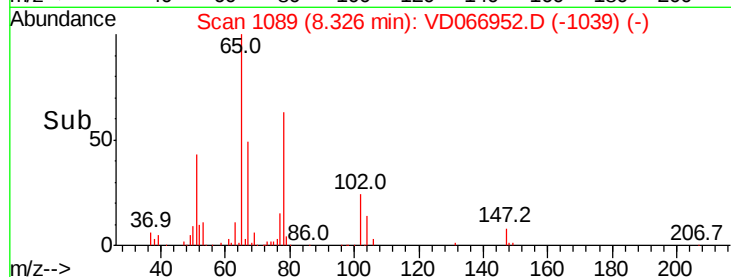
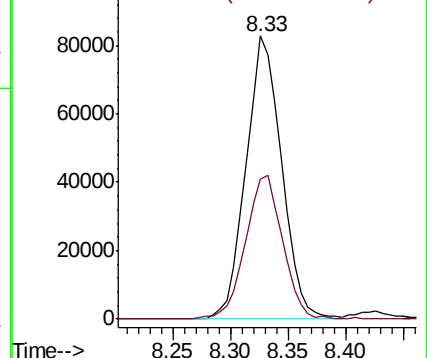
65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

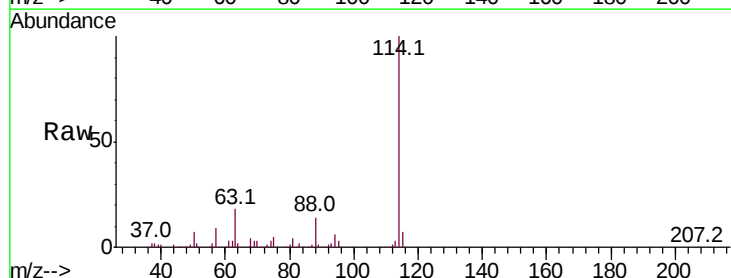
Tgt Ion: 114 Resp: 621036

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

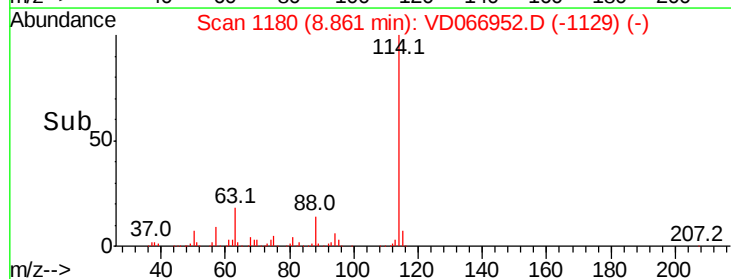
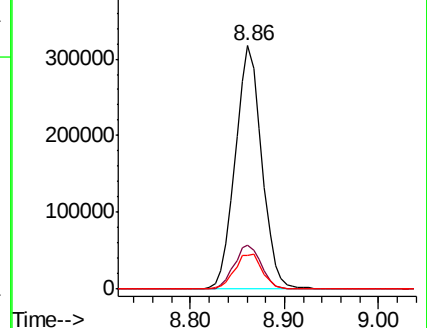
88 13.9 0.0 32.6

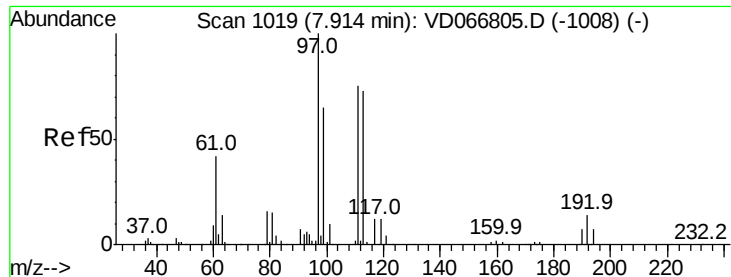


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 48.253 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

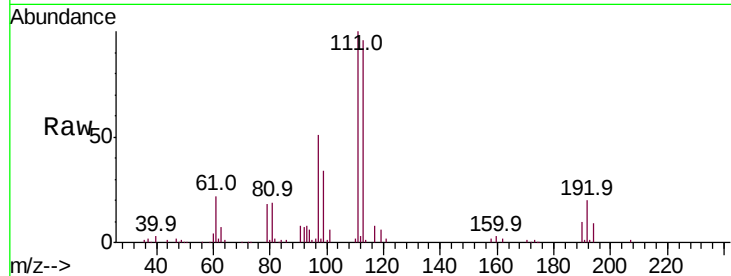
Tot Ion:113 Resp: 190651

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

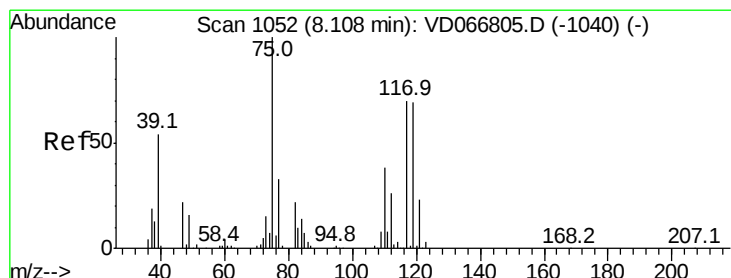
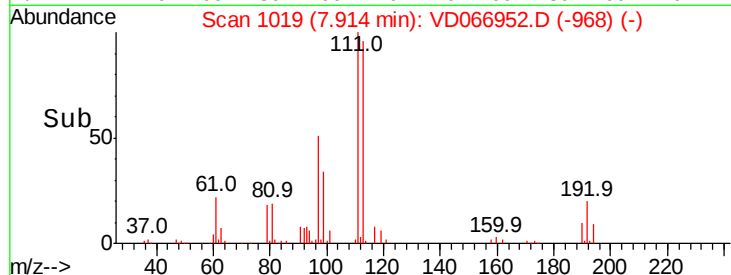
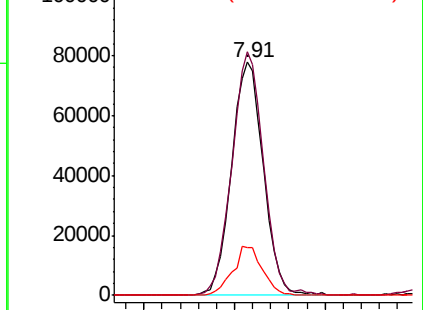
192 19.4 14.4 21.6



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: 19.794 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

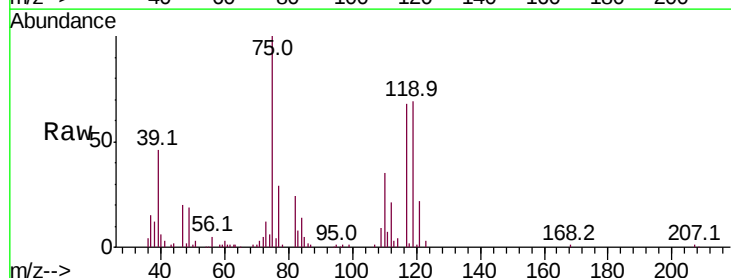
Tgt Ion: 75 Resp: 121956

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.8

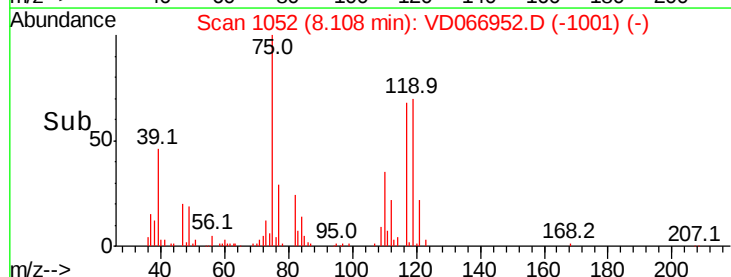
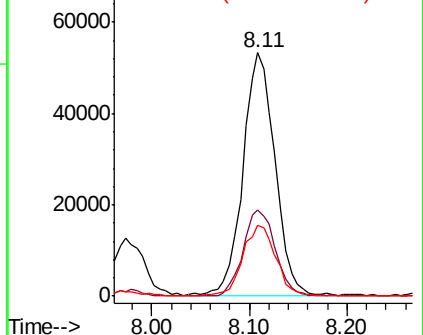
77 30.1 25.0 37.6

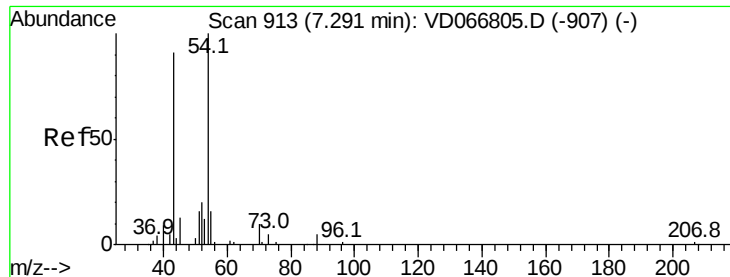


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

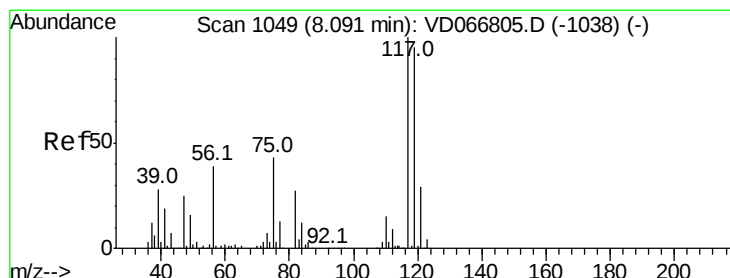
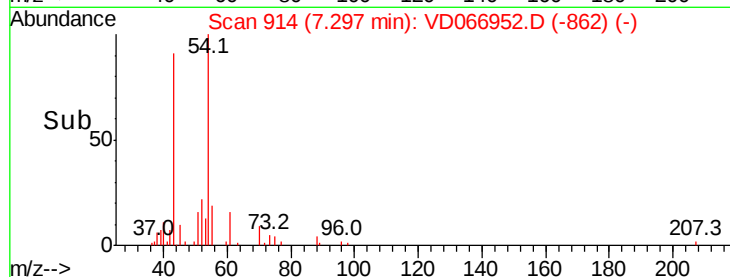
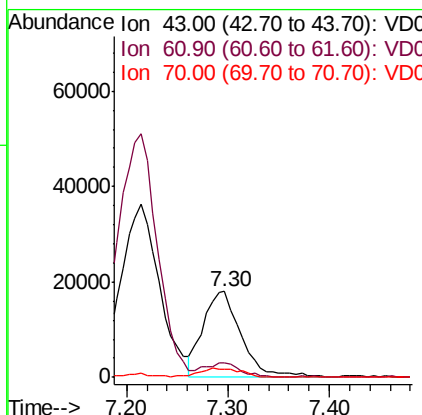
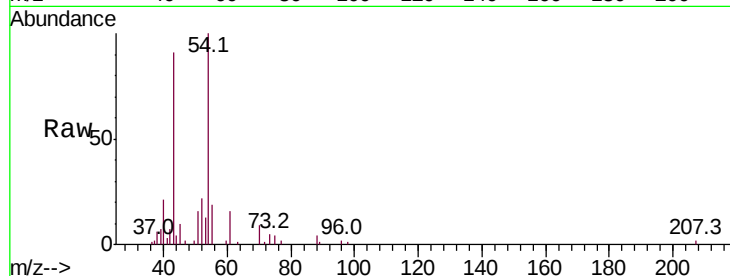




#37
Ethyl Acetate
Concen: 20.594 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

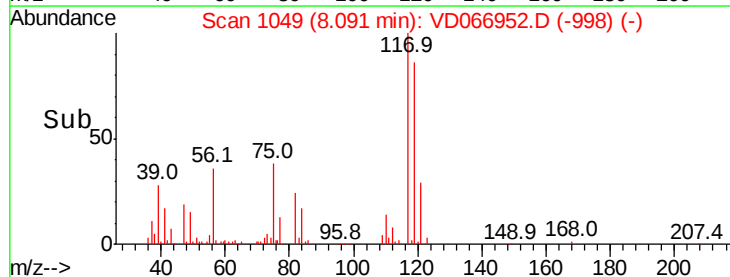
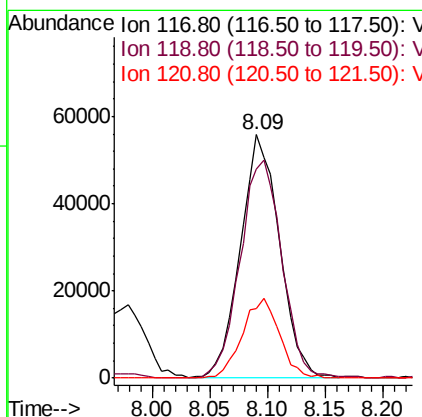
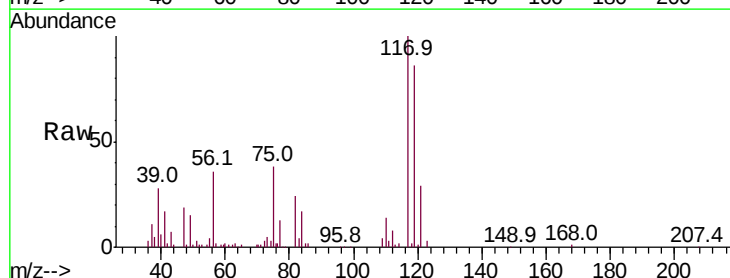
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

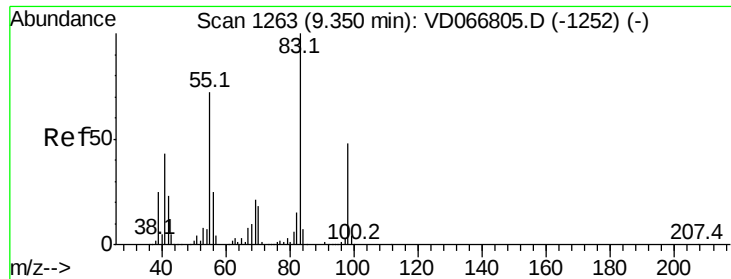
Tot Ion: 43 Resp: 45869
Ion Ratio Lower Upper
43 100
61 16.4 9.8 14.8#
70 12.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.459 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 117 Resp: 131075
Ion Ratio Lower Upper
117 100
119 85.6 75.8 113.8
121 28.7 23.4 35.0

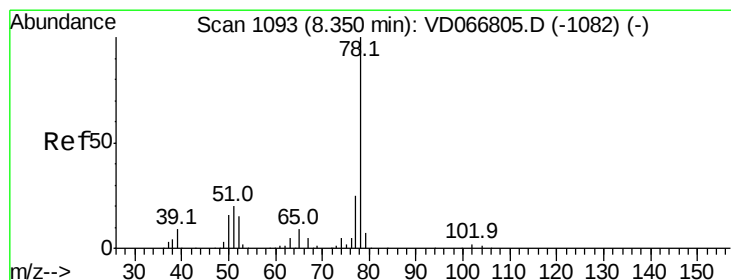
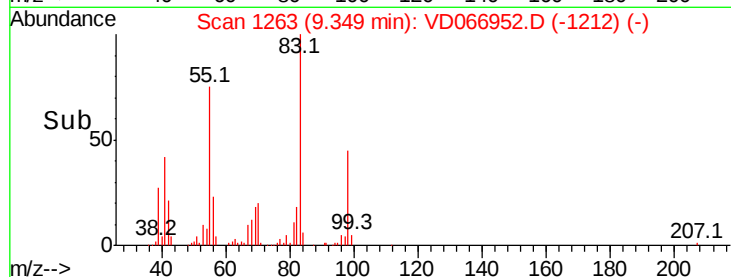
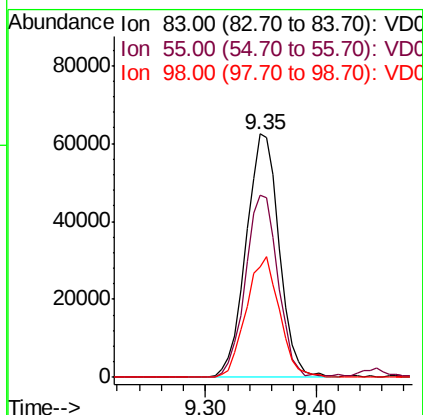
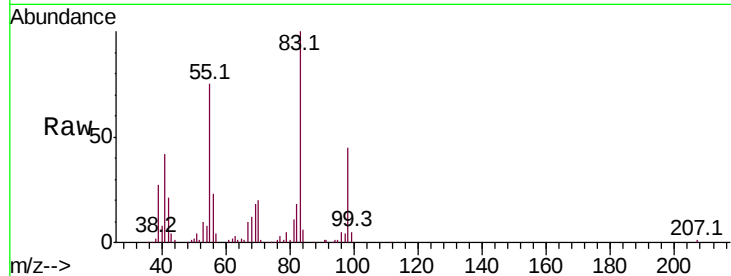




#39
Methvlcvclohexane
Concen: 18.635 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

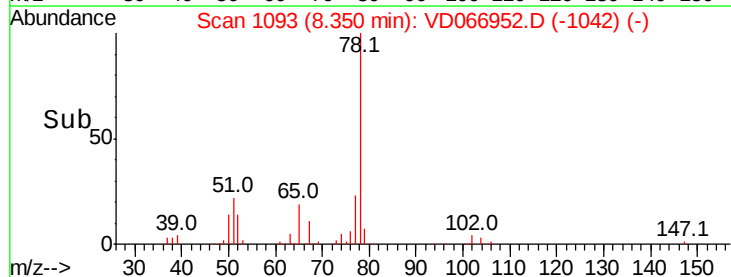
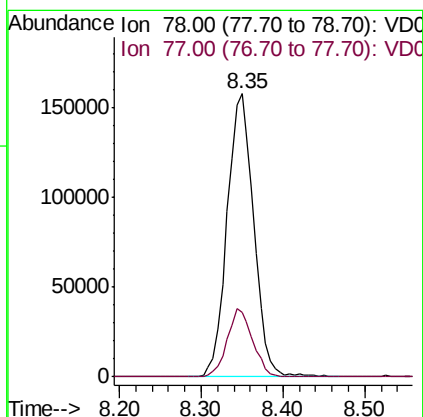
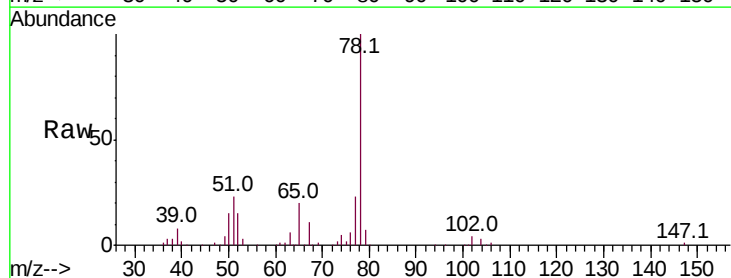
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

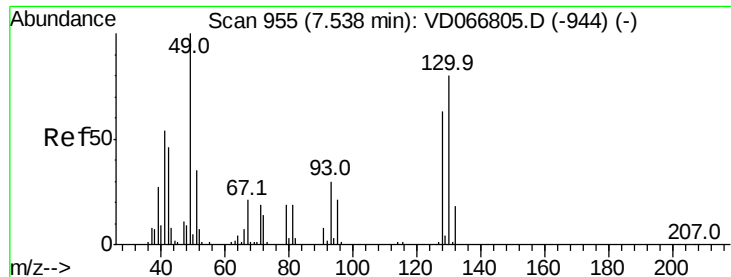
Tot Ion: 83 Resp: 131825
Ion Ratio Lower Upper
83 100
55 75.0 57.7 86.5
98 45.5 38.4 57.6



#40
Benzene
Concen: 20.749 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 78 Resp: 356288
Ion Ratio Lower Upper
78 100
77 22.7 19.9 29.9





#41

Methacrylonitrile

Concen: 16.276 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

Tot Ion: 41 Resp: 22294

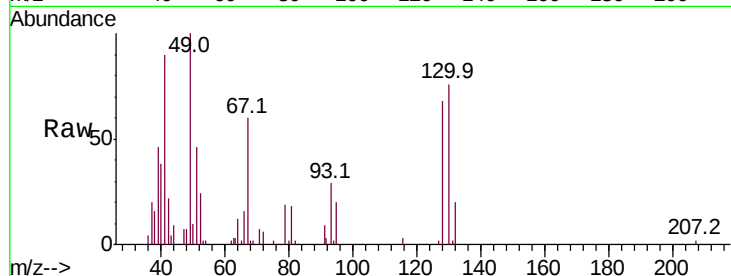
Ion Ratio Lower Upper

41 100

39 72.8 0.0 0.0#

67 91.1 0.0 0.0#

52 37.9 0.0 0.0#

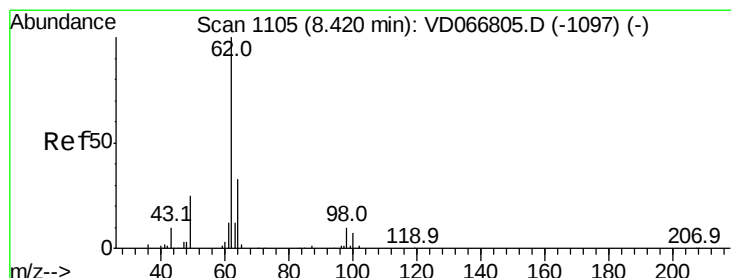
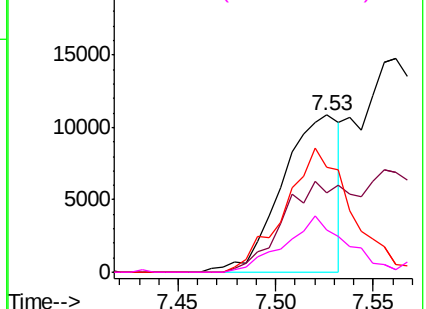
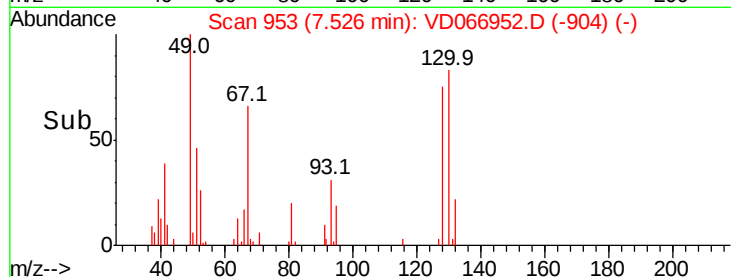


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.922 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066952.D

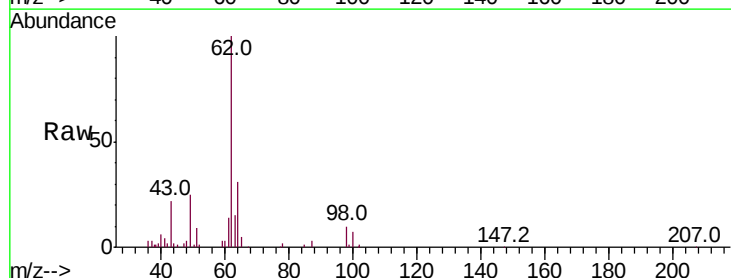
Acq: 29 Sep 2020 22:42

Tgt Ion: 62 Resp: 101129

Ion Ratio Lower Upper

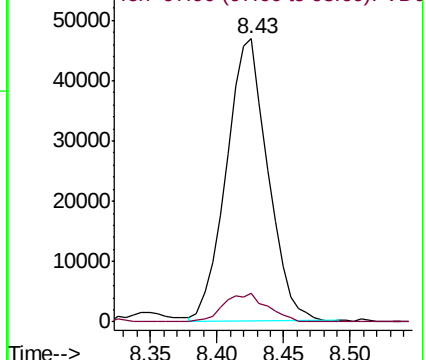
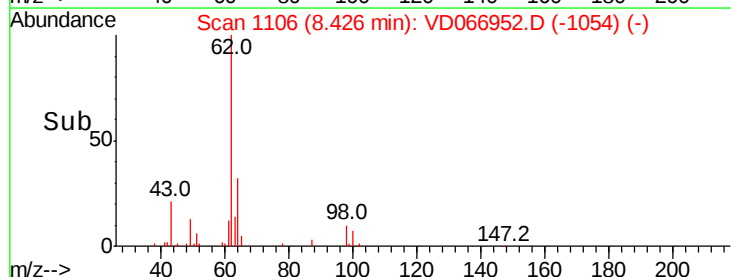
62 100

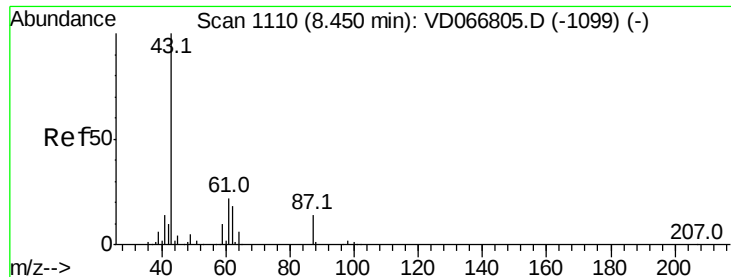
98 10.5 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.841 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

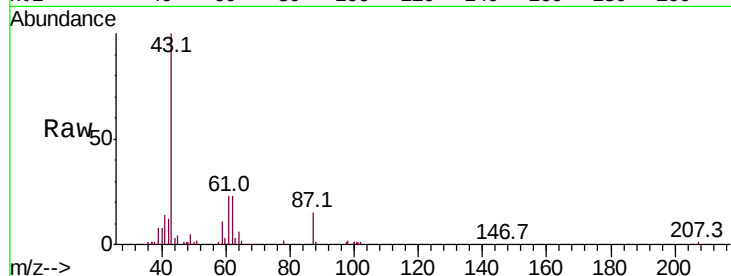
Tot Ion: 43 Resp: 85201

Ion Ratio Lower Upper

43 100

61 32.9 26.2 39.4

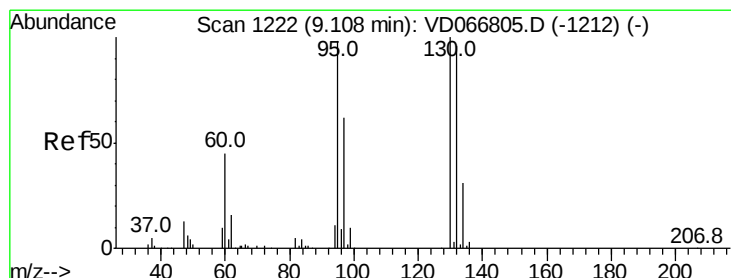
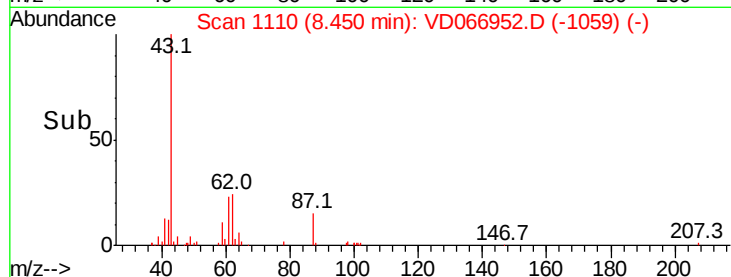
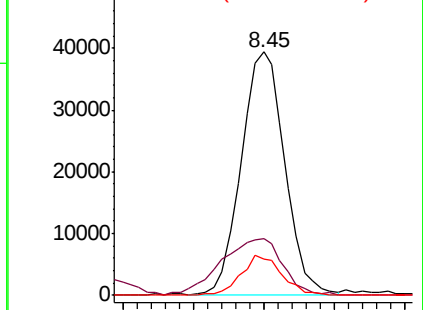
87 15.4 11.5 17.3



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: 20.783 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066952.D

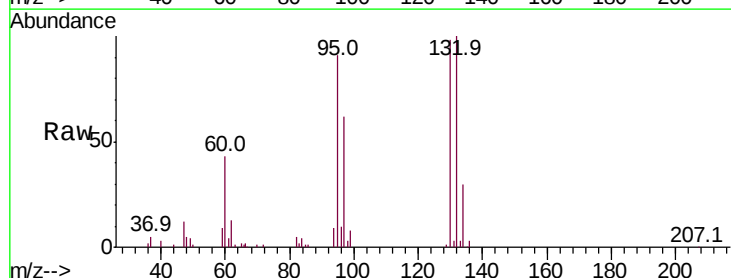
Acq: 29 Sep 2020 22:42

Tgt Ion: 130 Resp: 101721

Ion Ratio Lower Upper

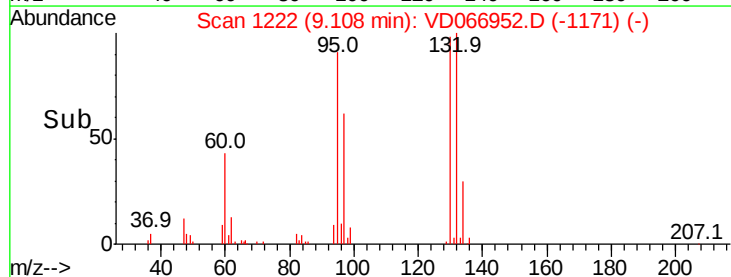
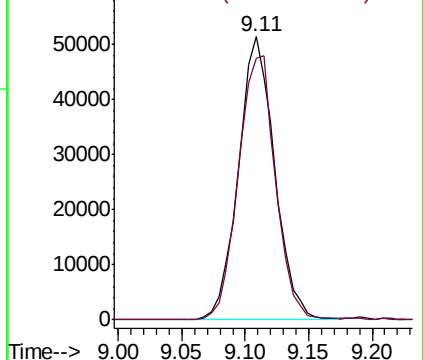
130 100

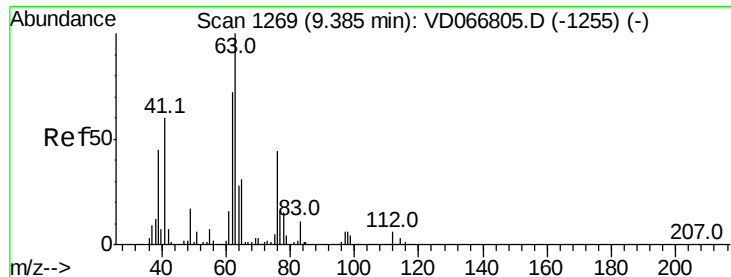
95 92.3 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.627 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

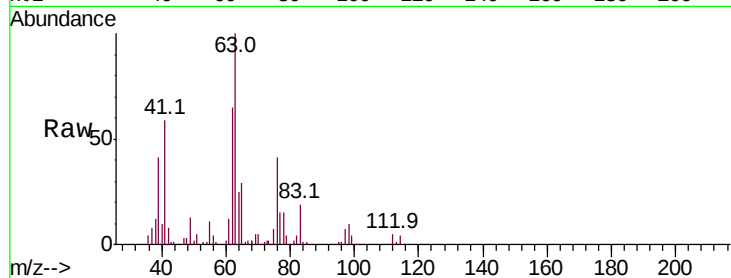
VW0929SBS02

Tot Ion: 63 Resp: 89116

Ion Ratio Lower Upper

63 100

65 28.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

30000

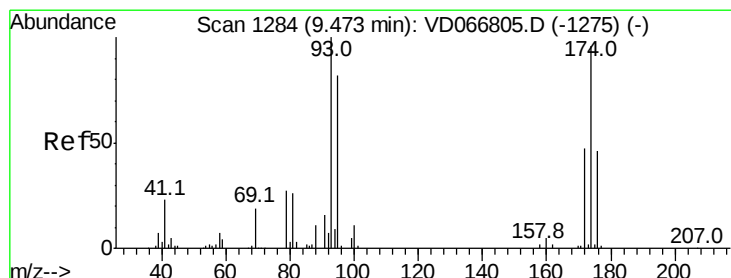
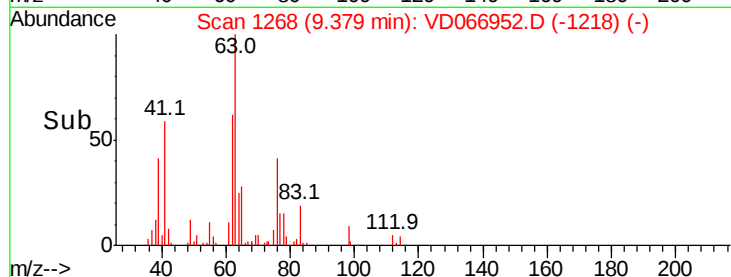
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 21.168 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

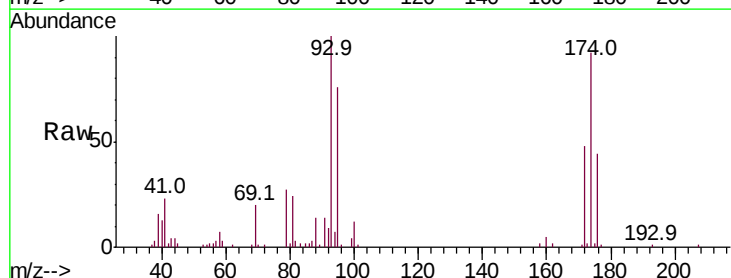
Tgt Ion: 93 Resp: 49689

Ion Ratio Lower Upper

93 100

95 81.5 65.3 97.9

174 99.7 75.4 113.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.47

30000

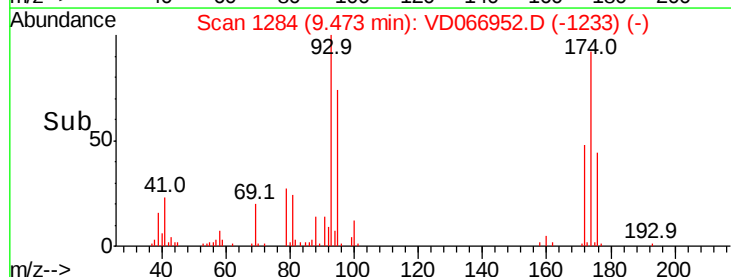
20000

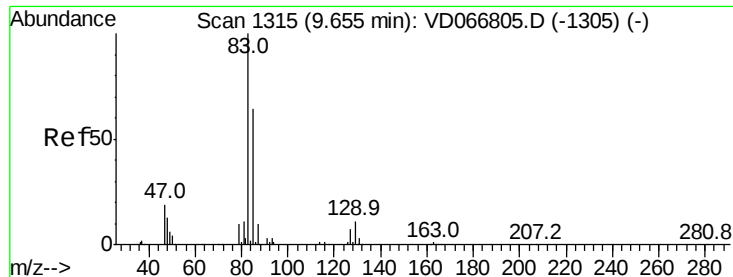
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 20.320 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

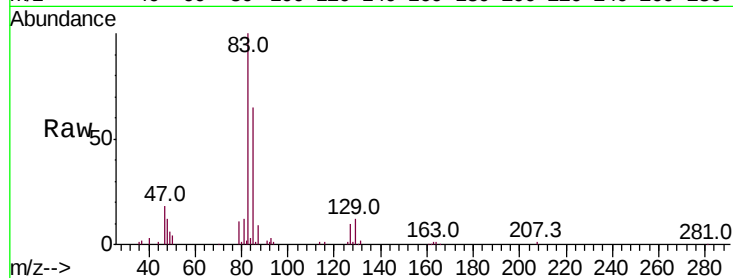
Tot Ion: 83 Resp: 128132

Ion Ratio Lower Upper

83 100

85 65.4 50.9 76.3

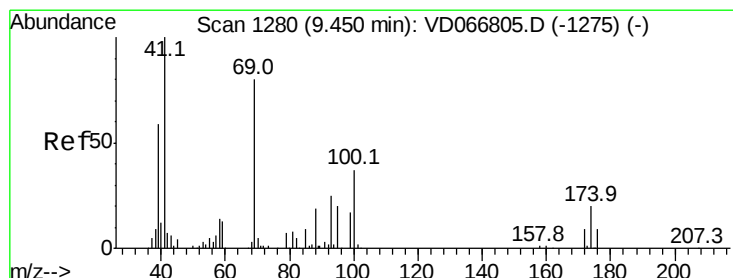
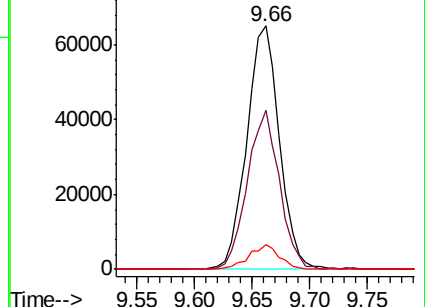
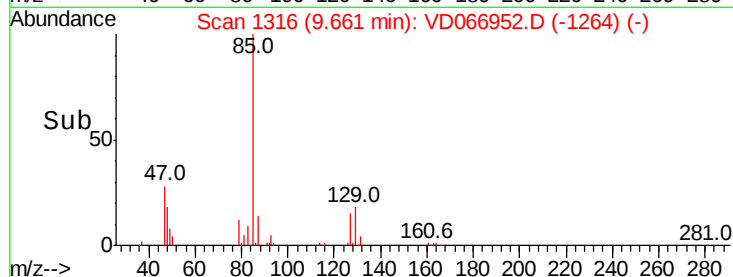
127 9.9 5.9 8.9#



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: 19.348 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

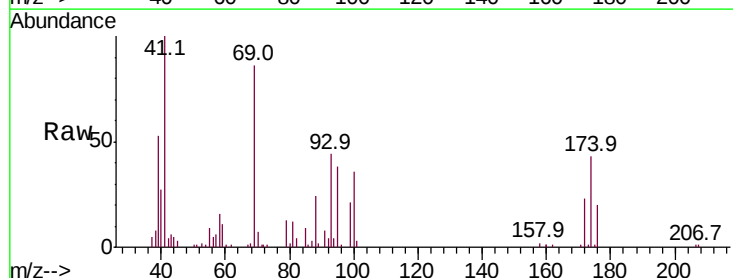
Tgt Ion: 41 Resp: 40963

Ion Ratio Lower Upper

41 100

69 94.7 74.5 111.7

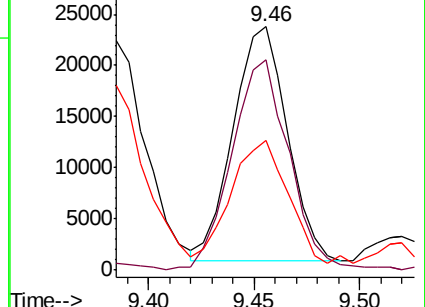
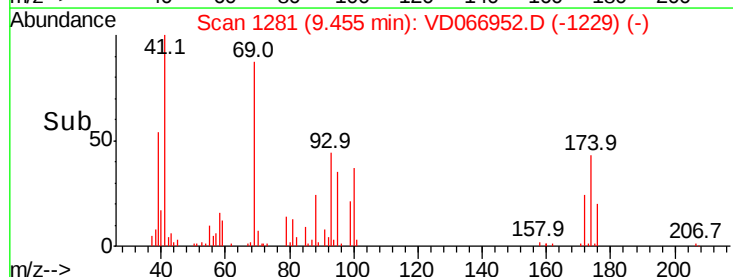
39 60.8 47.0 70.6

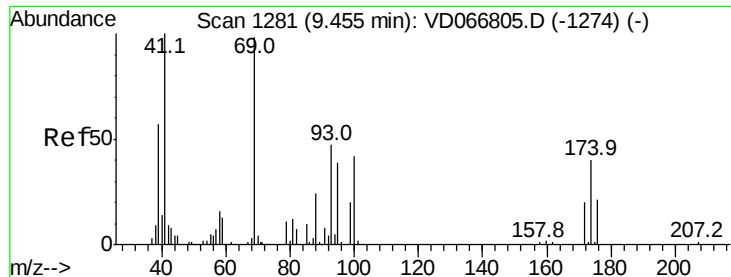


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 382.849 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

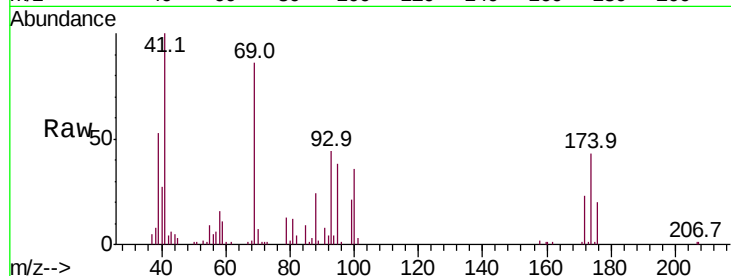
Tot Ion: 88 Resp: 11896

Ion Ratio Lower Upper

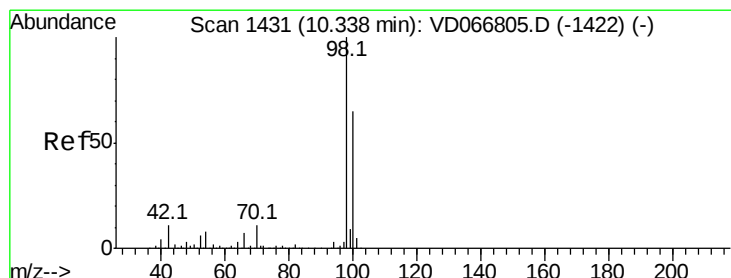
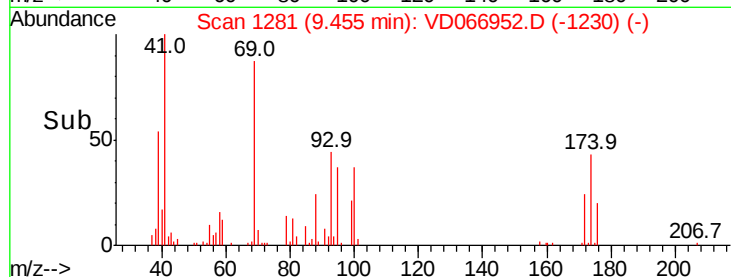
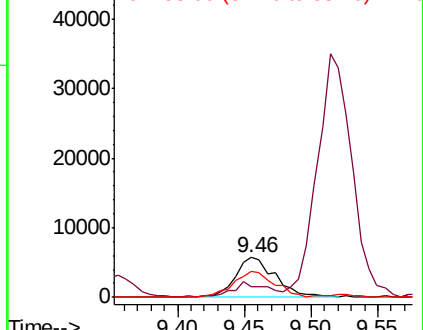
88 100

43 34.6 27.7 41.5

58 66.4 55.5 83.3



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: 48.903 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066952.D

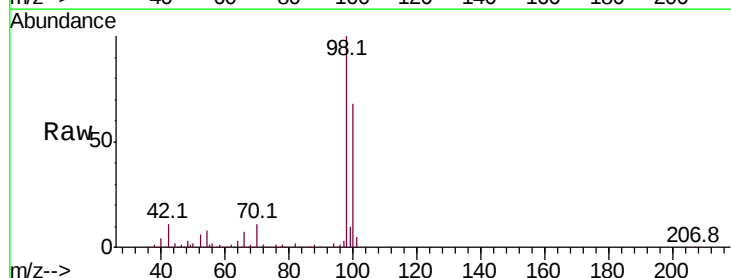
Acq: 29 Sep 2020 22:42

Tgt Ion: 98 Resp: 658326

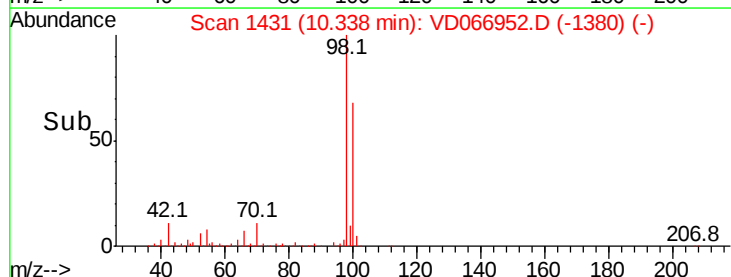
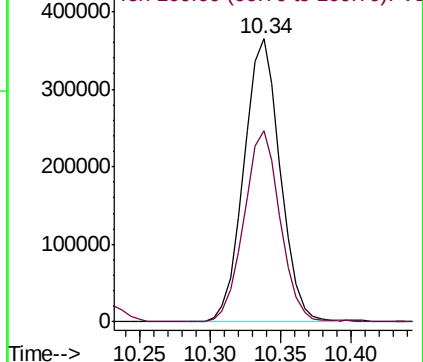
Ion Ratio Lower Upper

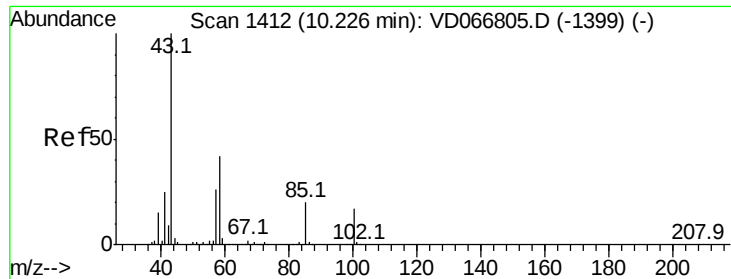
98 100

100 67.3 52.2 78.2



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: 102.808 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

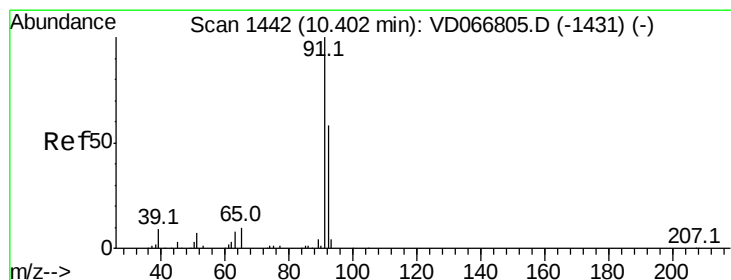
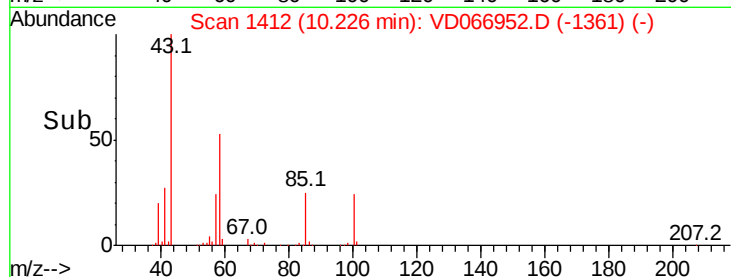
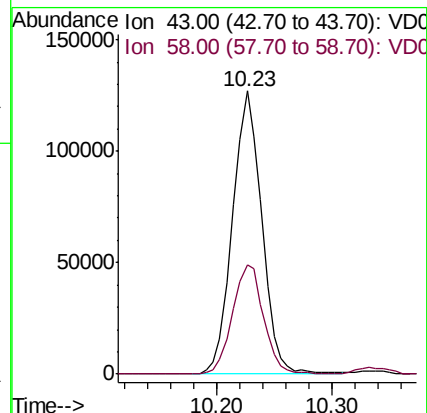
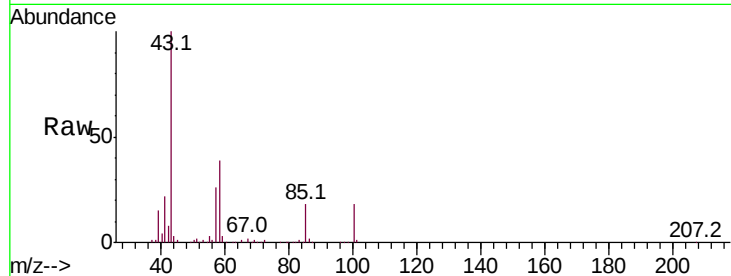
VW0929SBS02

Tot Ion: 43 Resp: 223696

Ion Ratio Lower Upper

43 100

58 41.0 32.2 48.4



#52

Toluene

Concen: 21.156 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066952.D

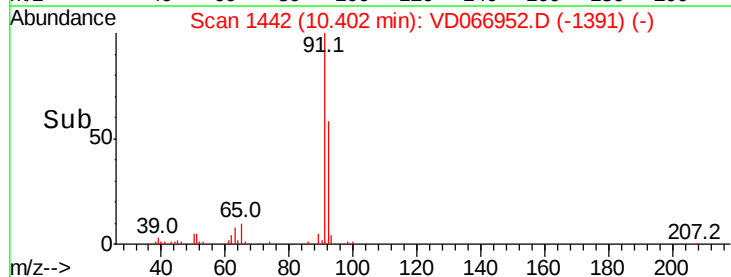
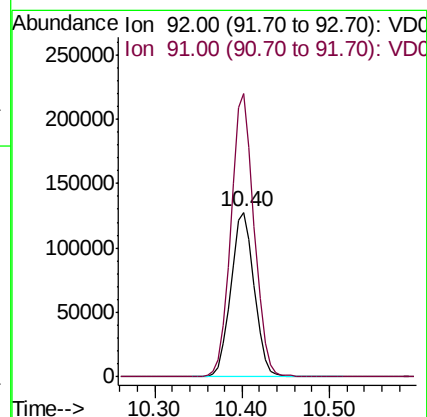
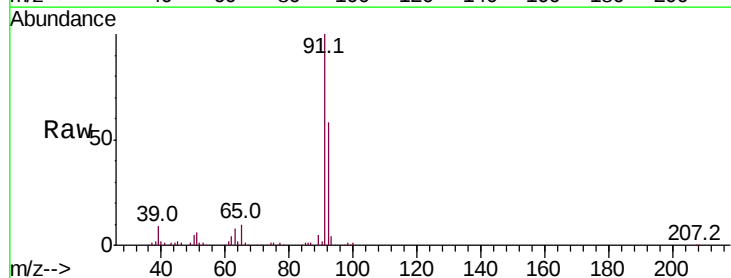
Acq: 29 Sep 2020 22:42

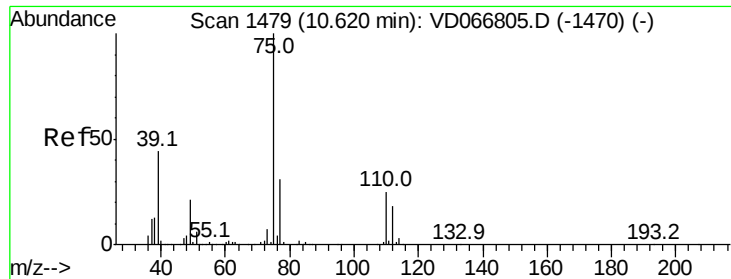
Tgt Ion: 92 Resp: 233993

Ion Ratio Lower Upper

92 100

91 169.7 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 20.589 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

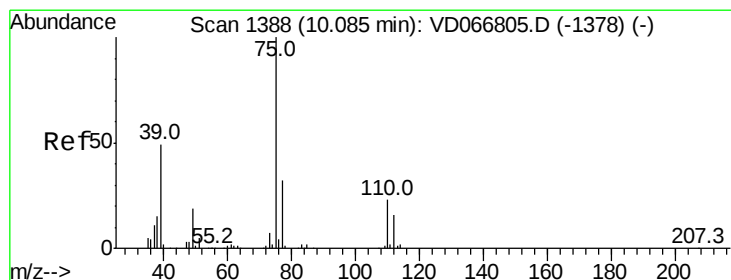
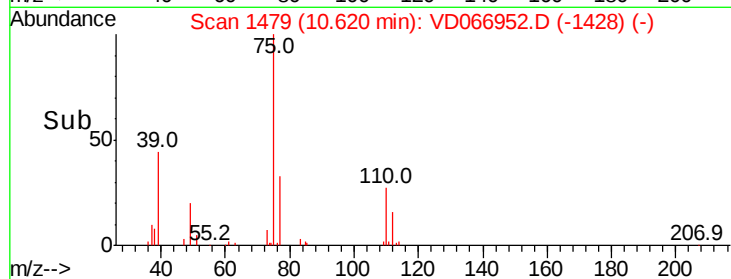
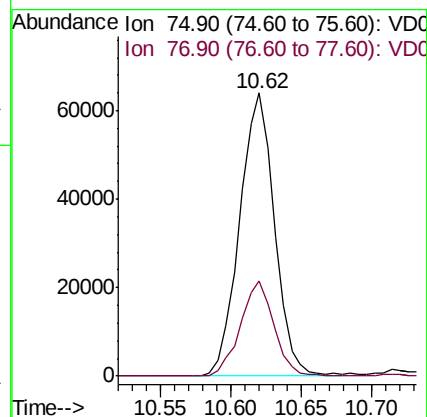
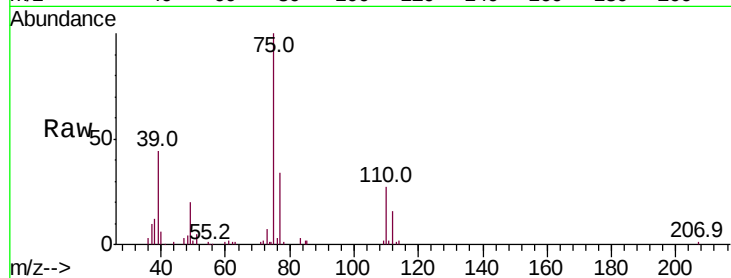
VW0929SBS02

Tot Ion: 75 Resp: 110499

Ion Ratio Lower Upper

75 100

77 33.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.189 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

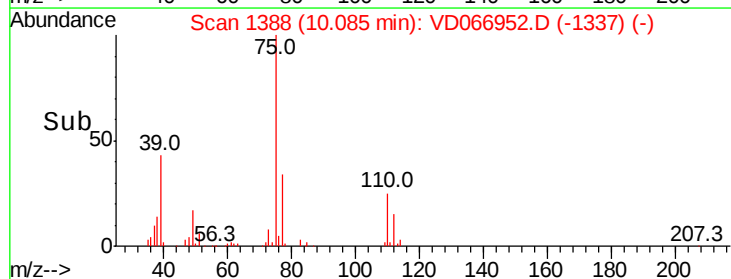
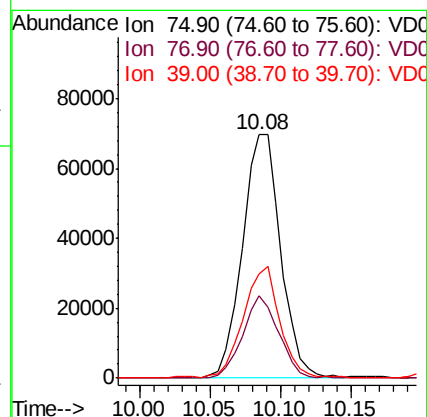
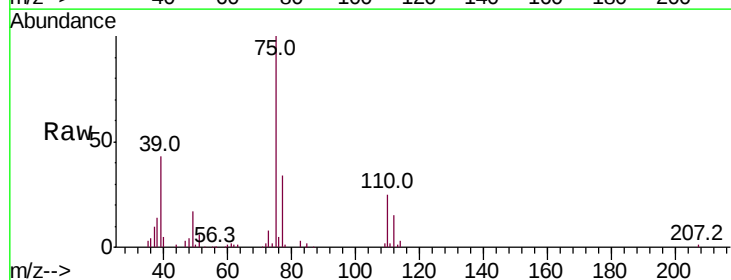
Tgt Ion: 75 Resp: 132122

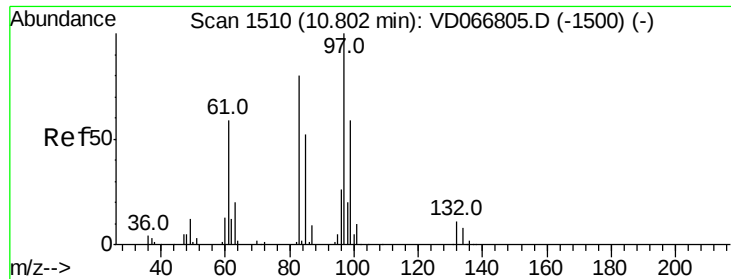
Ion Ratio Lower Upper

75 100

77 33.8 25.6 38.4

39 42.2 39.2 58.8

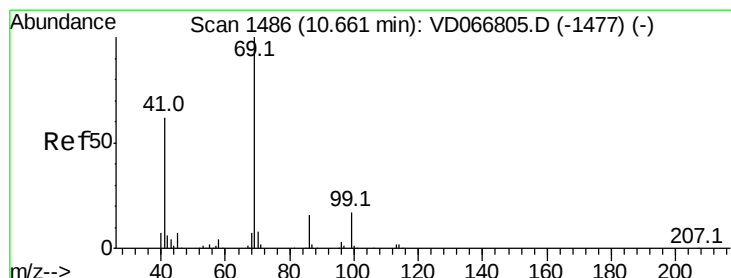
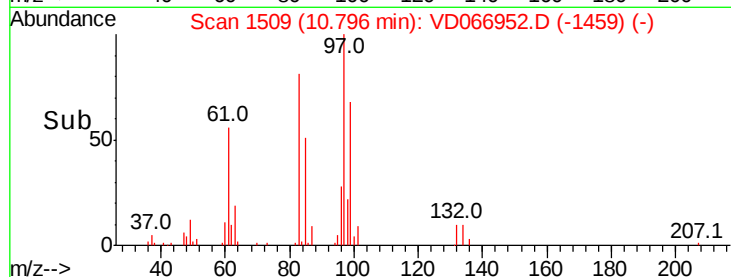
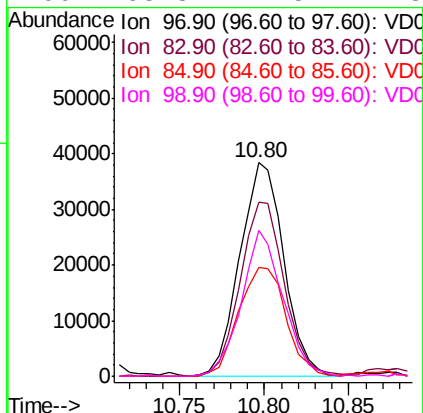
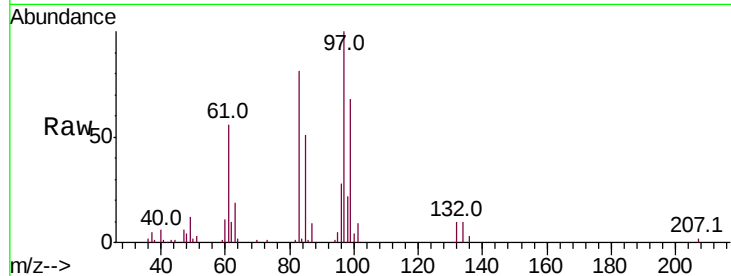




#55
 1,1,2-Trichloroethane
 Concen: 21.449 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

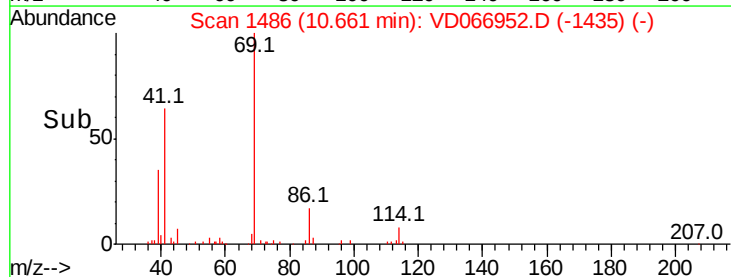
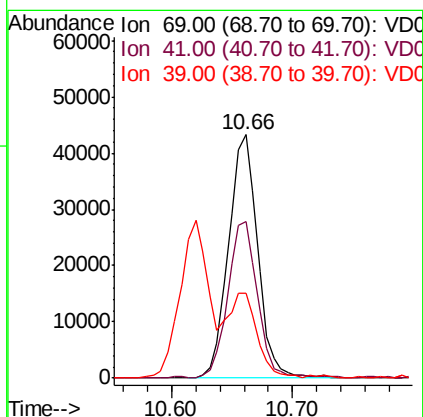
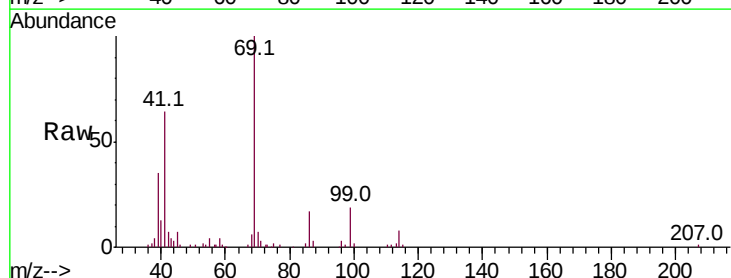
Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

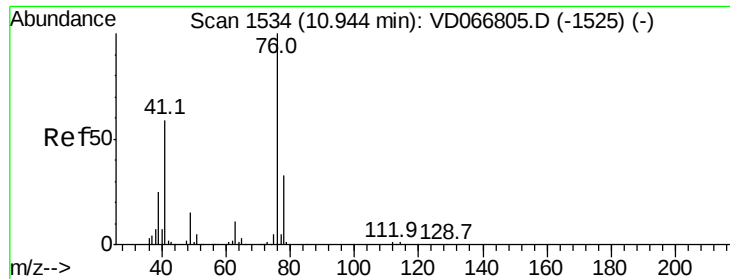
Tot Ion:	97	Resp:	69212
Ion	Ratio	Lower	Upper
97	100		
83	81.4	64.2	96.2
85	50.7	41.9	62.9
99	68.3	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 21.071 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion:	69	Resp:	72840
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	30.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 21.579 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

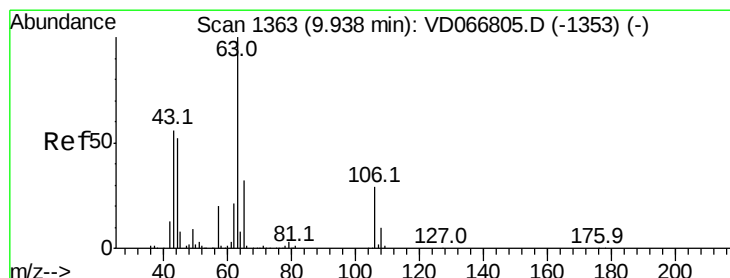
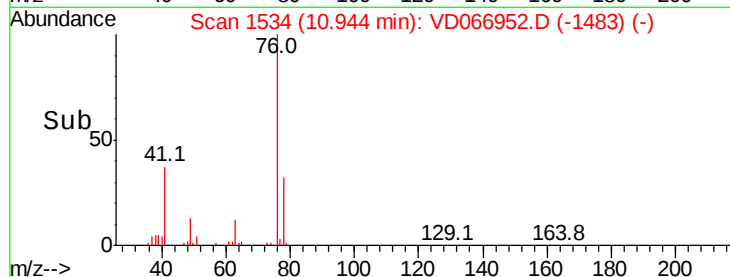
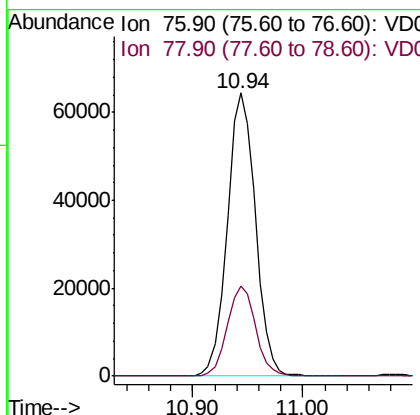
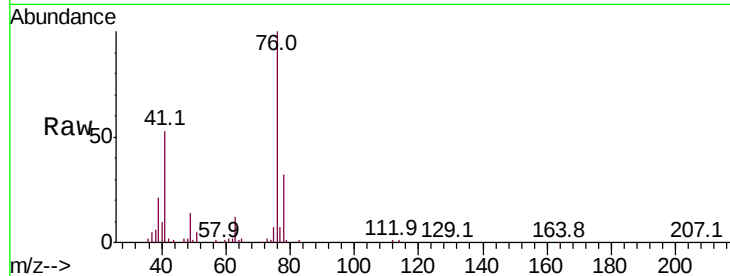
Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion: 76 Resp: 114978

Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 120.147 ug/l

RT: 9.94 min Scan# 1363

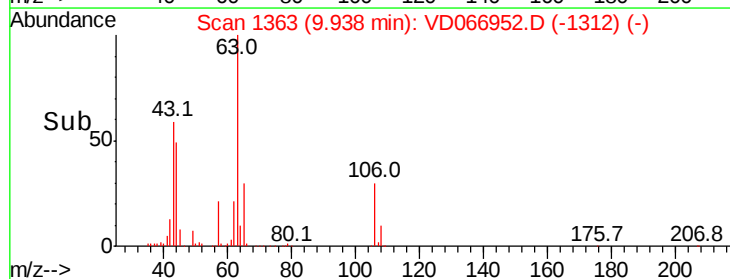
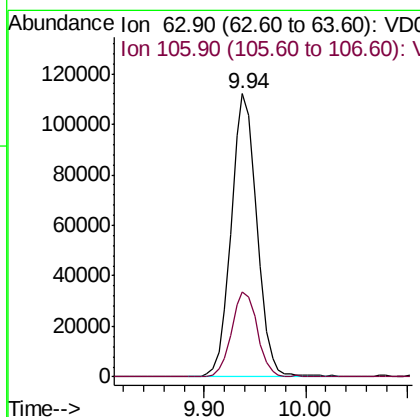
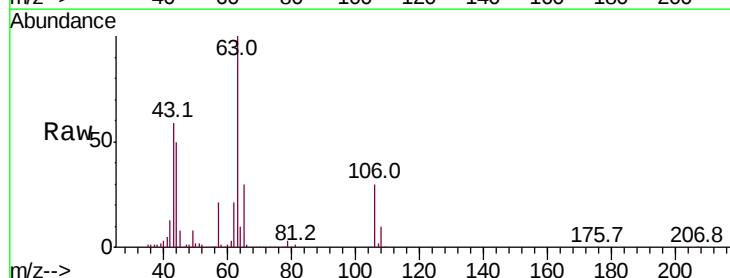
Delta R.T. -0.00 min

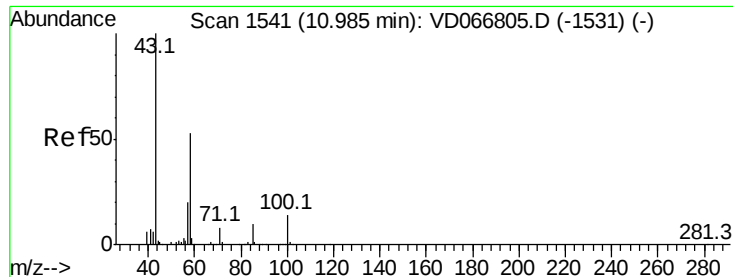
Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion: 63 Resp: 196658

Ion	Ratio	Lower	Upper
63	100		
106	30.5	23.8	35.6

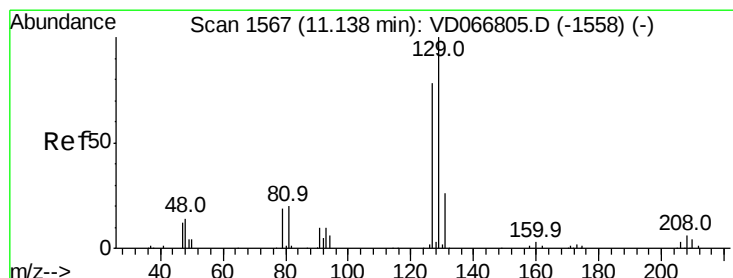
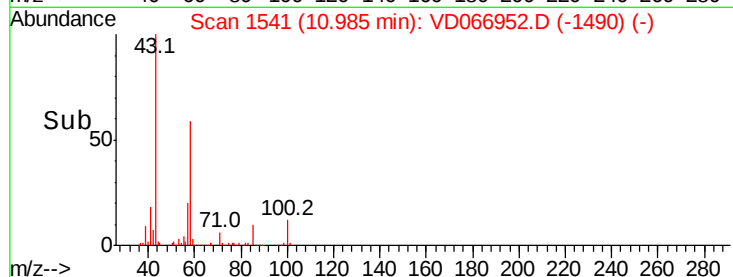
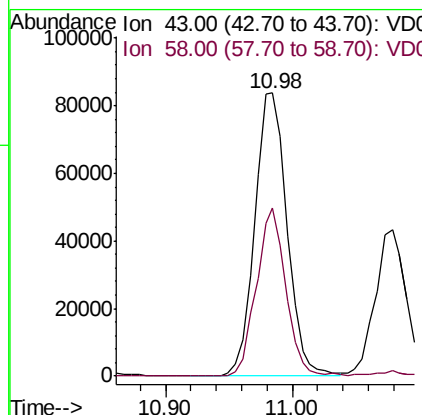
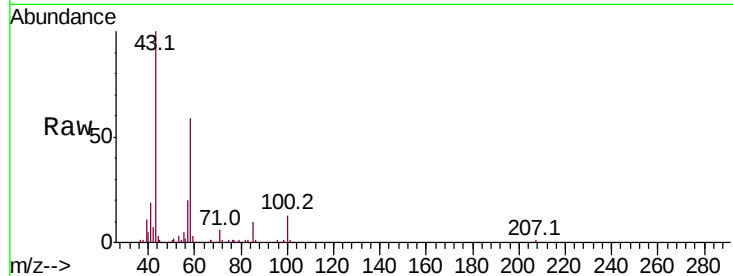




#59
2-Hexanone
Concen: 101.355 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

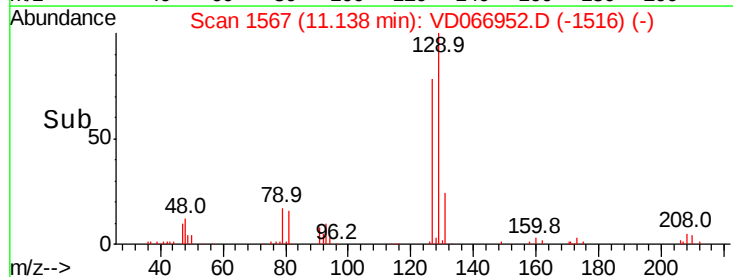
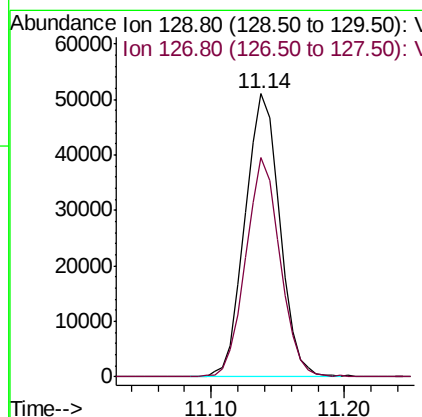
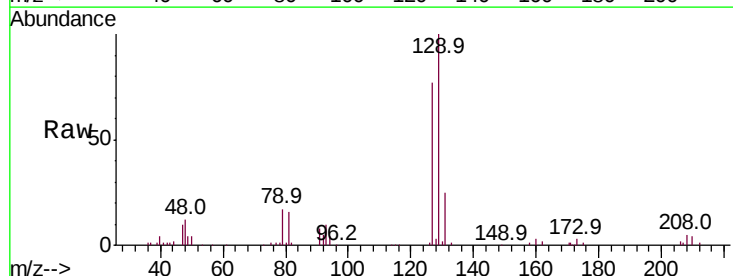
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

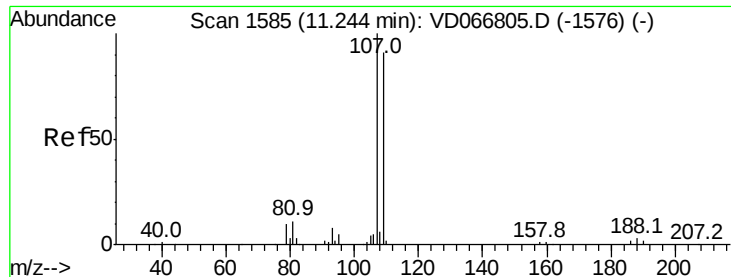
Tot Ion: 43 Resp: 148723
Ion Ratio Lower Upper
43 100
58 54.4 27.0 80.8



#60
Dibromochloromethane
Concen: 21.751 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 129 Resp: 91605
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 22.949 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

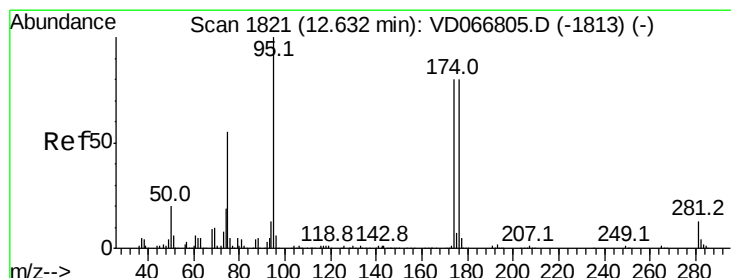
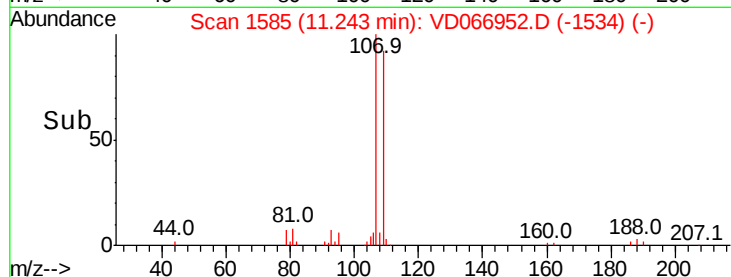
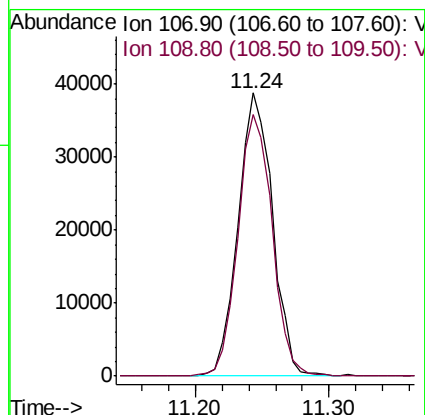
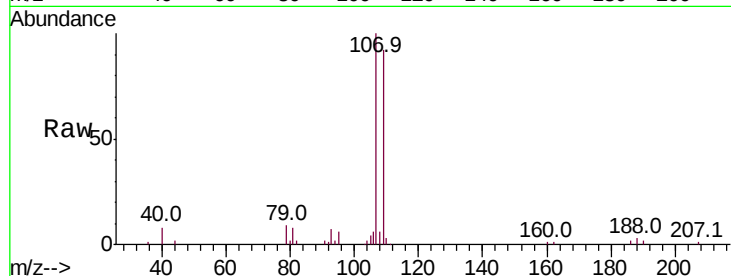
VW0929SBS02

Tot Ion:107 Resp: 68878

Ion Ratio Lower Upper

107 100

109 92.3 75.0 112.4



#62

4-Bromofluorobenzene

Concen: 51.598 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

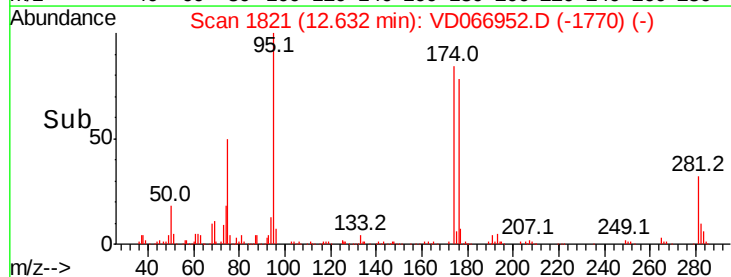
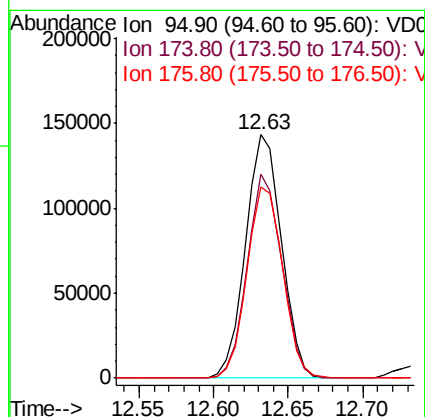
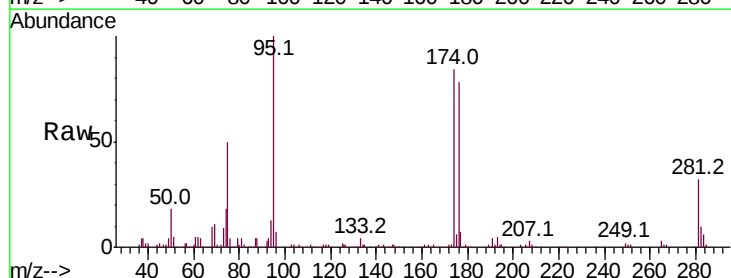
Tgt Ion: 95 Resp: 237789

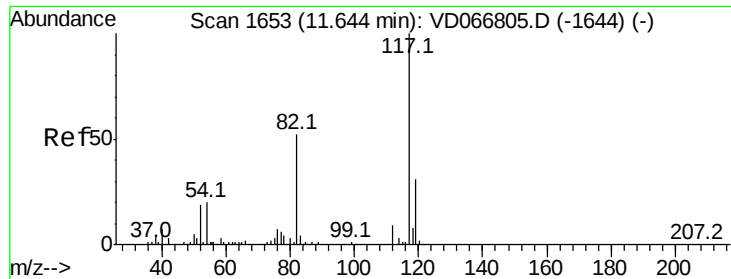
Ion Ratio Lower Upper

95 100

174 80.9 0.0 159.8

176 78.2 0.0 154.4

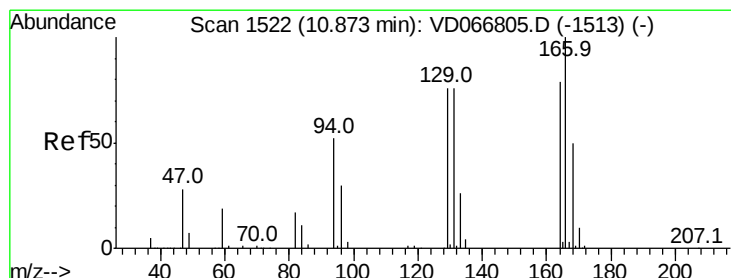
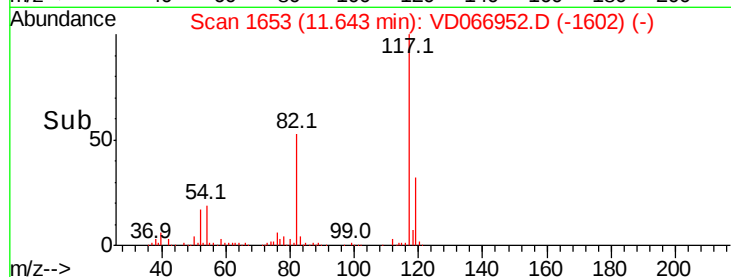
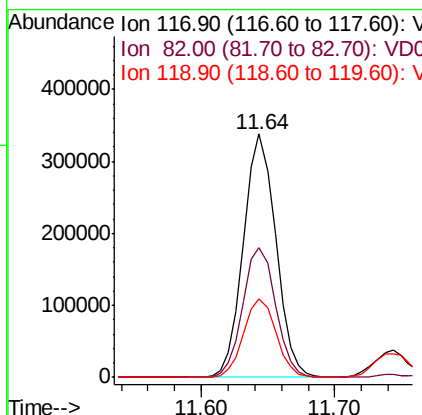
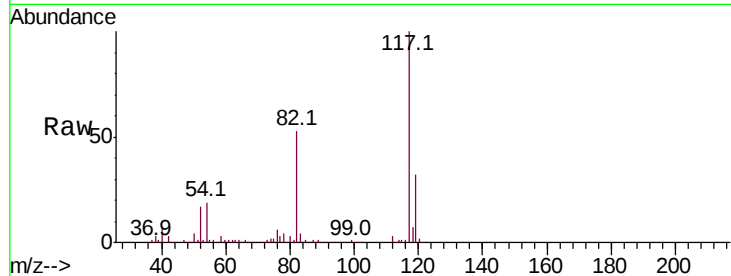




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

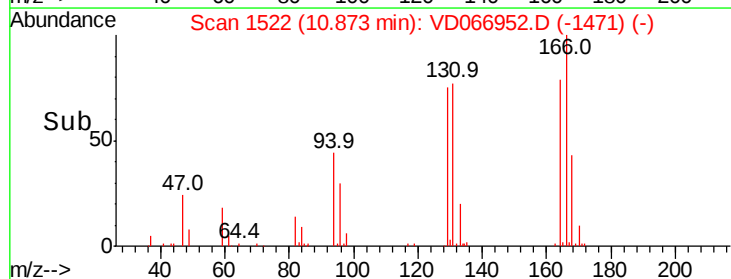
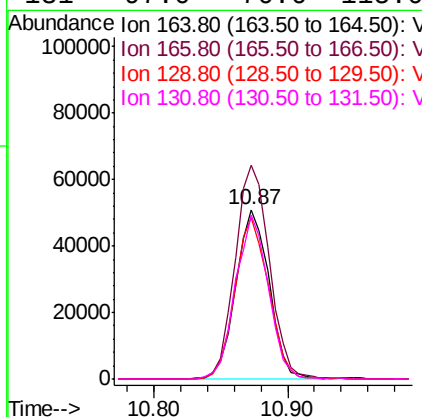
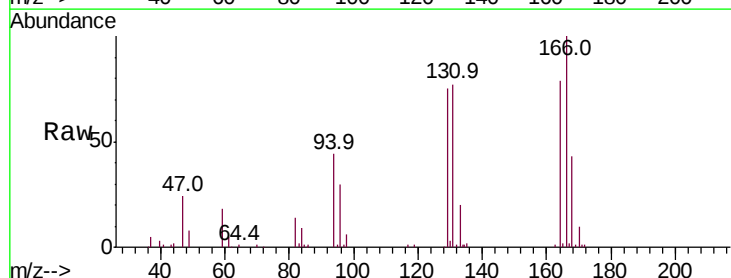
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

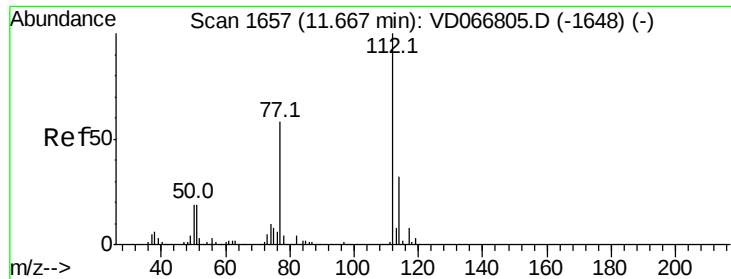
Tot Ion:117 Resp: 569456
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 32.3 24.6 37.0



#64
Tetrachloroethene
Concen: 21.465 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion:164 Resp: 87924
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 95.3 77.0 115.4
131 97.0 76.6 115.0





#65

Chlorobenzene

Concen: 21.222 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

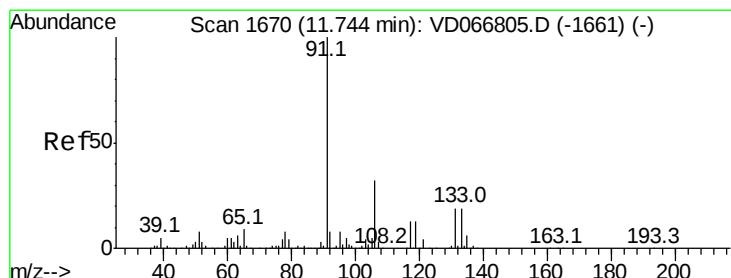
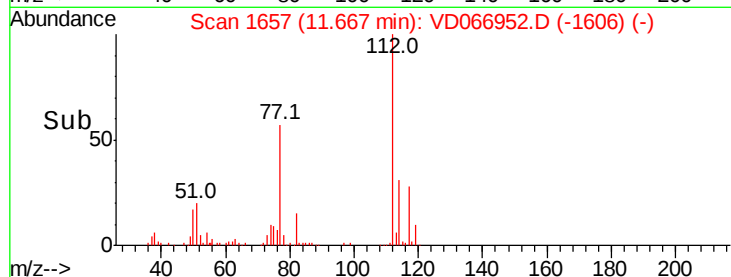
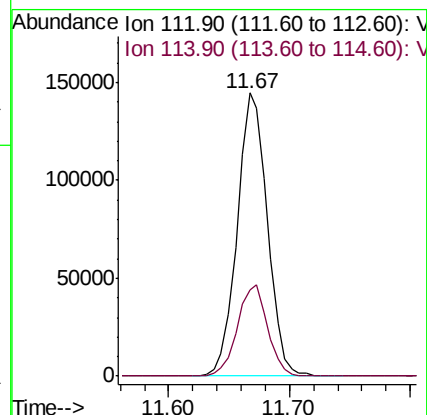
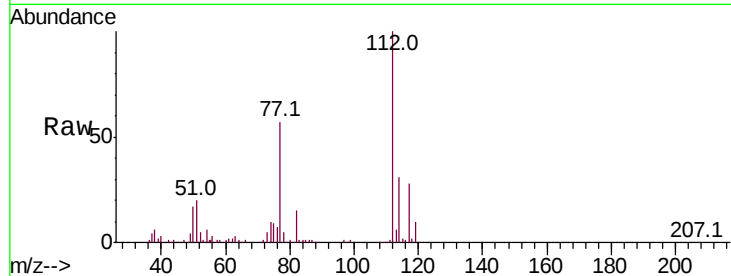
VW0929SBS02

Tot Ion:112 Resp: 251558

Ion Ratio Lower Upper

112 100

114 30.7 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 21.224 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

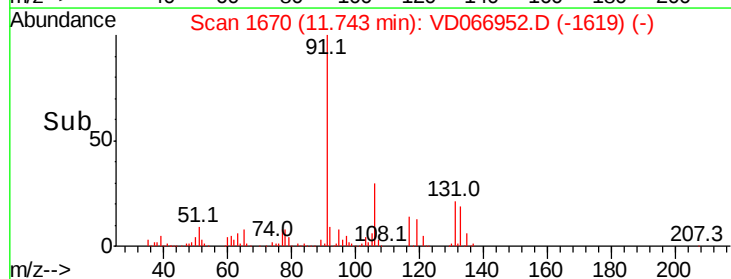
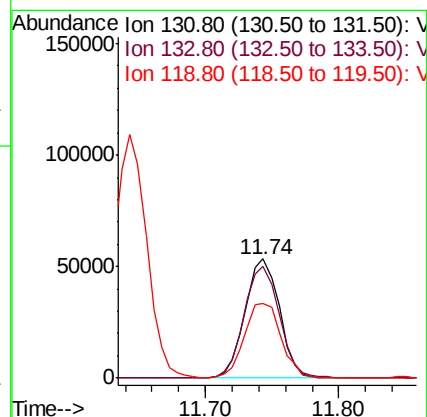
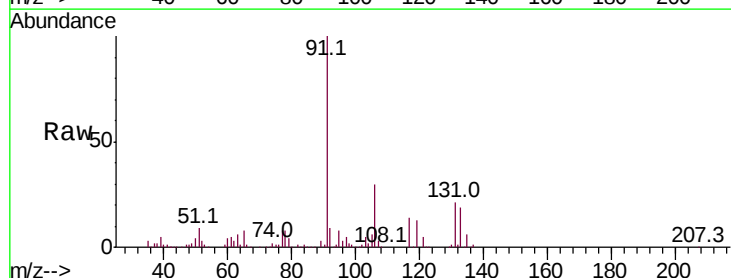
Tgt Ion:131 Resp: 95217

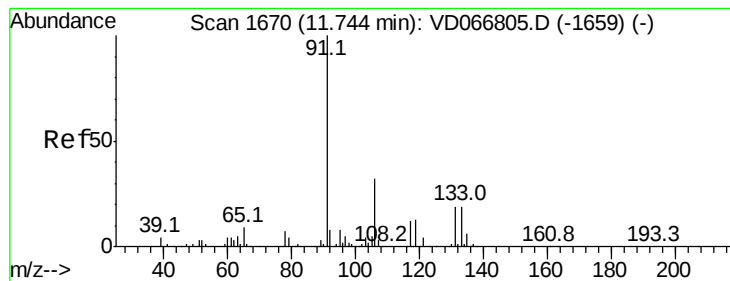
Ion Ratio Lower Upper

131 100

133 96.2 46.7 140.1

119 67.3 32.3 96.9





#67

Ethyl Benzene

Concen: 20.532 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

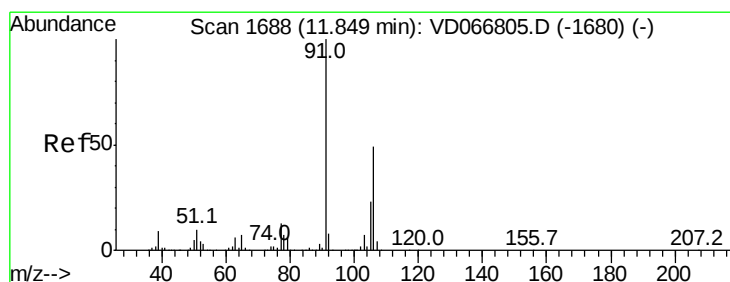
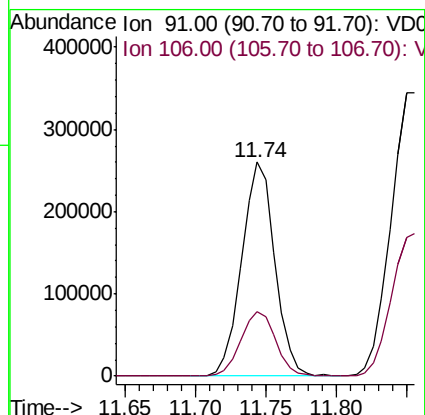
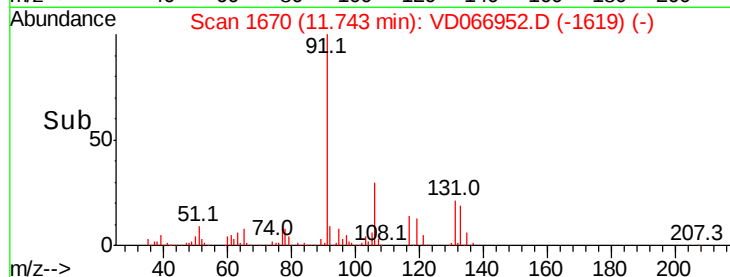
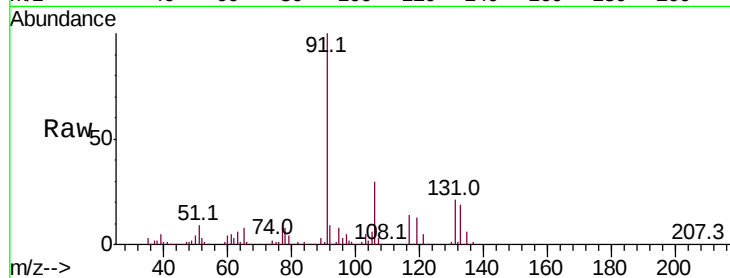
VW0929SBS02

Tot Ion: 91 Resp: 427457

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 42.501 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066952.D

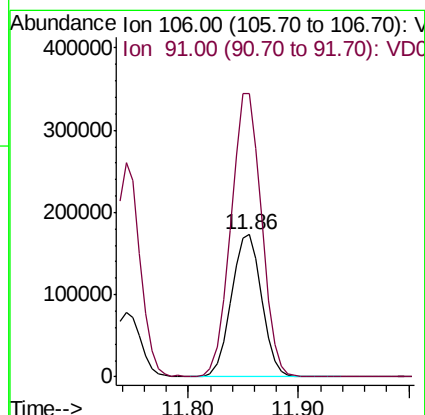
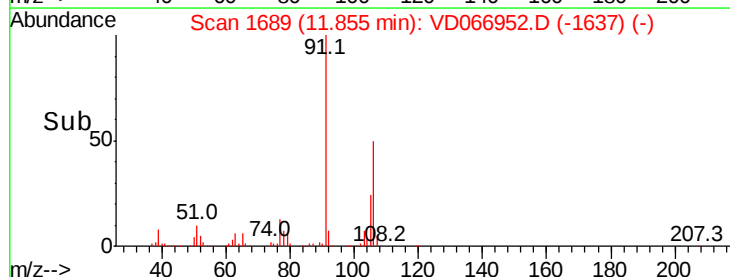
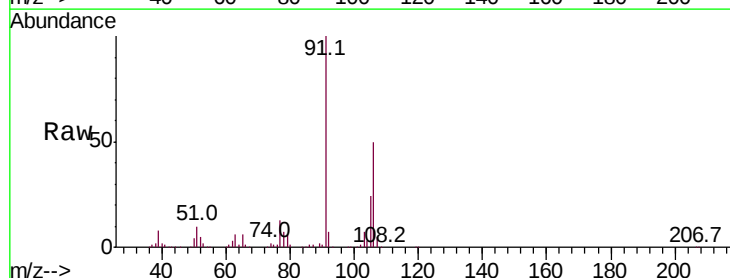
Acq: 29 Sep 2020 22:42

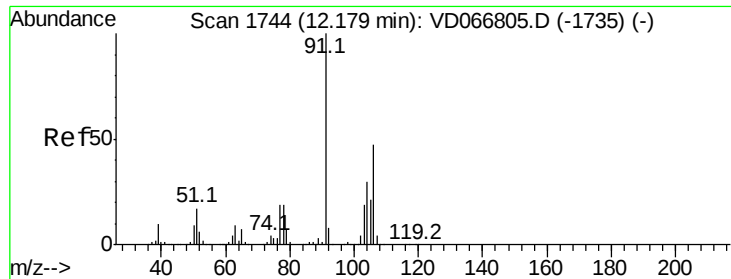
Tgt Ion: 106 Resp: 334999

Ion Ratio Lower Upper

106 100

91 200.5 160.7 241.1

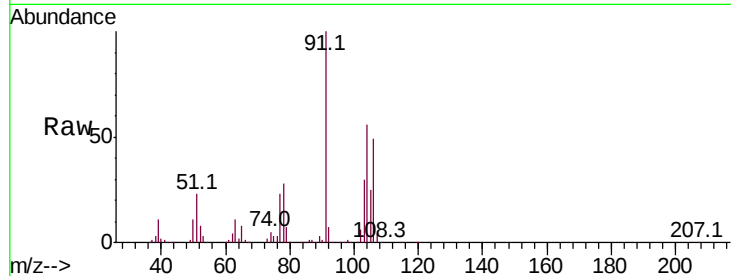




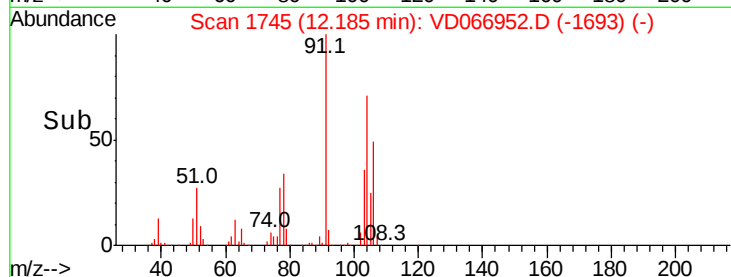
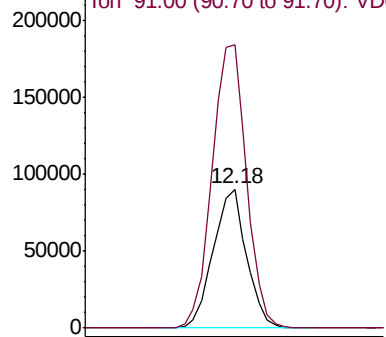
#69
o-Xylene
Concen: 20.877 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

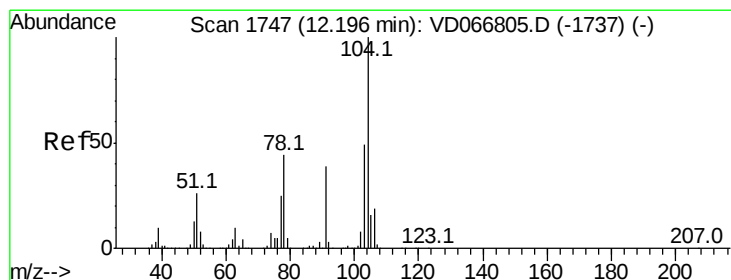
Tot Ion:106 Resp: 148794
Ion Ratio Lower Upper
106 100
91 211.5 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

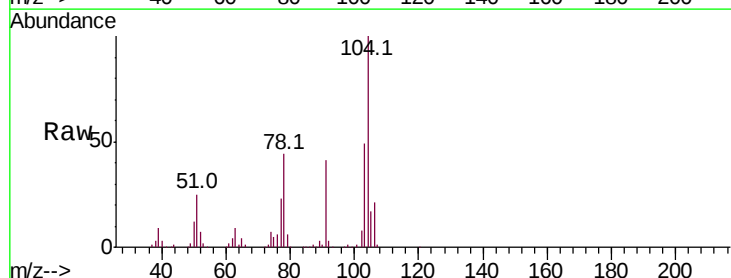


Time-->

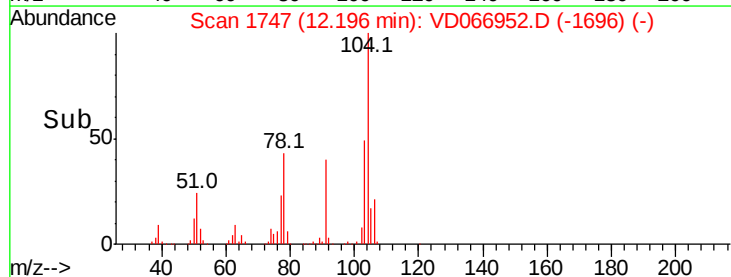
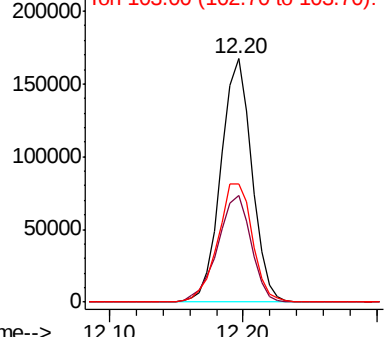


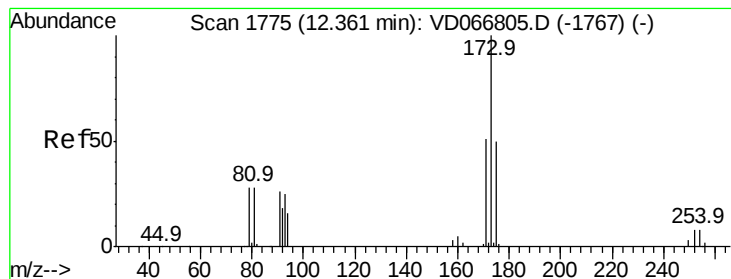
#70
Styrene
Concen: 21.581 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion:104 Resp: 267117
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 54.4 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.543 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

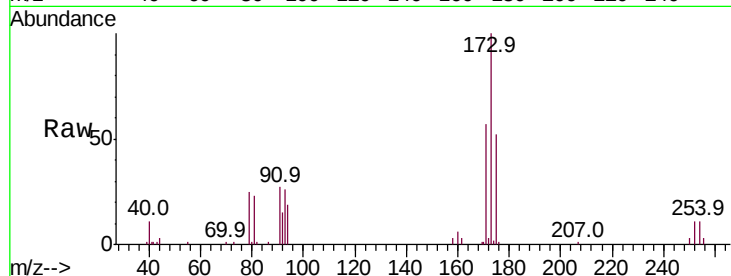
Tot Ion:173 Resp: 51207

Ion Ratio Lower Upper

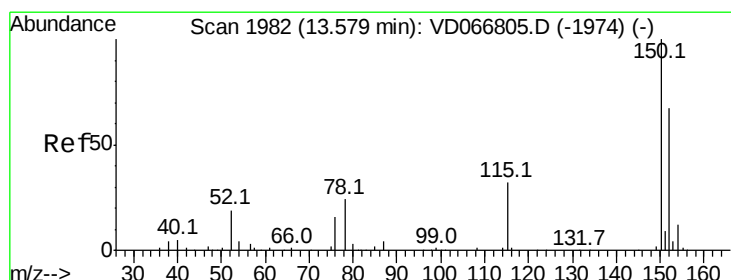
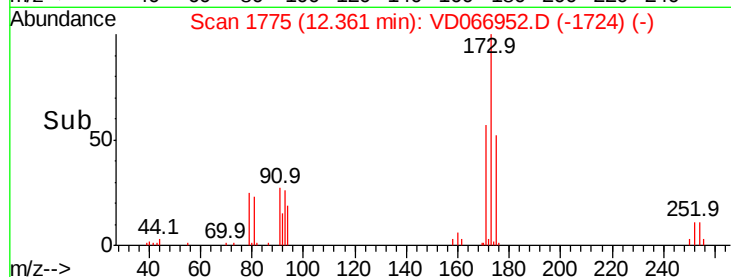
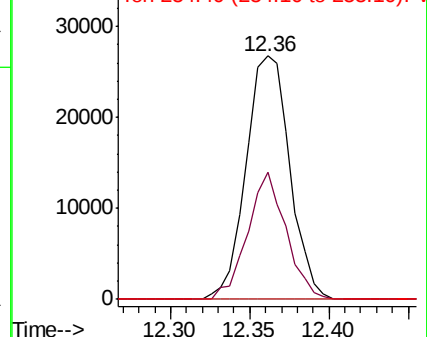
173 100

175 45.8 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

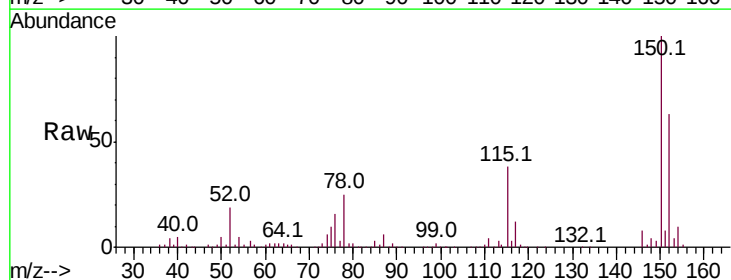
Tgt Ion:152 Resp: 270436

Ion Ratio Lower Upper

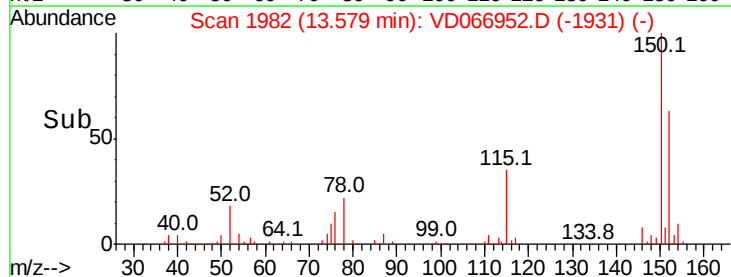
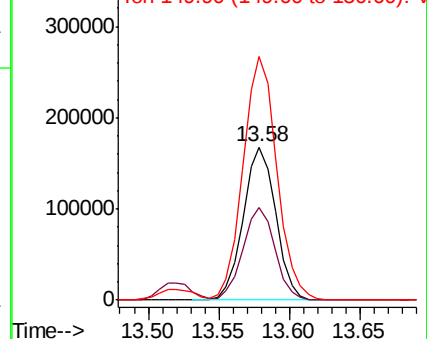
152 100

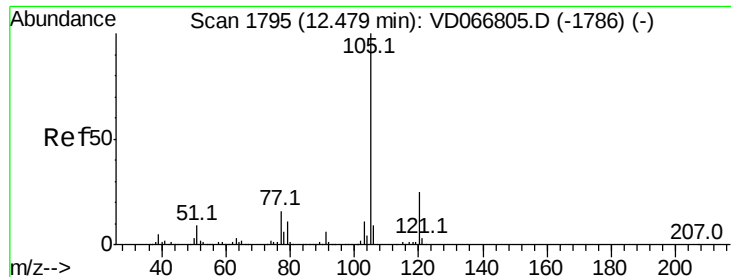
115 60.1 30.3 91.0

150 165.7 0.0 346.2



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: 20.802 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

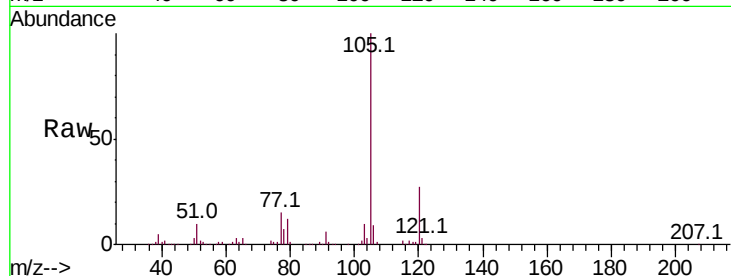
VW0929SBS02

Tot Ion:105 Resp: 406399

Ion Ratio Lower Upper

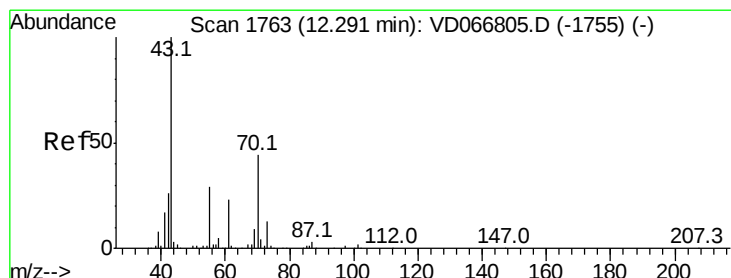
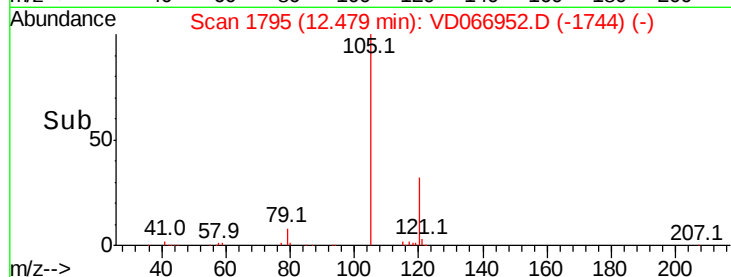
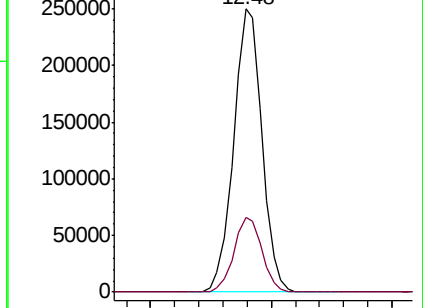
105 100

120 26.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.333 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion: 43 Resp: 77574

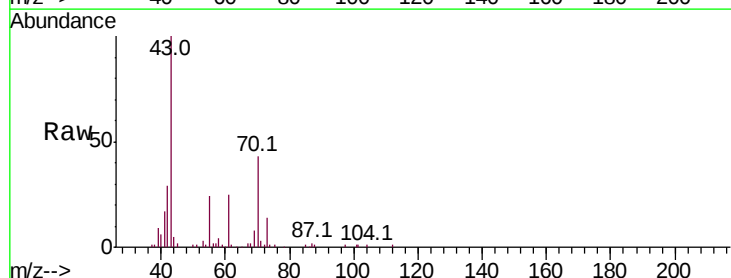
Ion Ratio Lower Upper

43 100

70 45.7 36.1 54.1

55 27.4 21.8 32.8

61 25.8 19.0 28.4

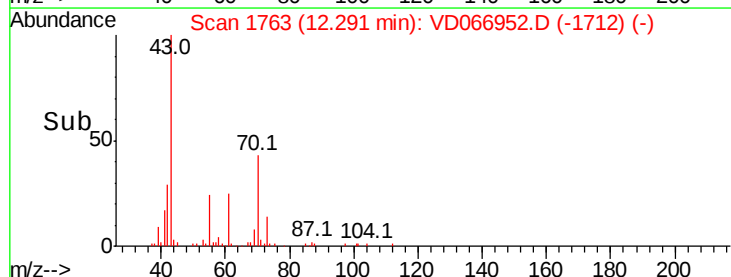
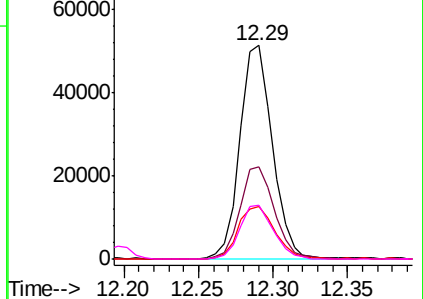


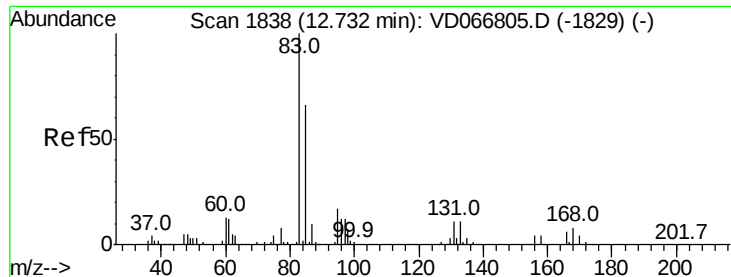
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.768 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

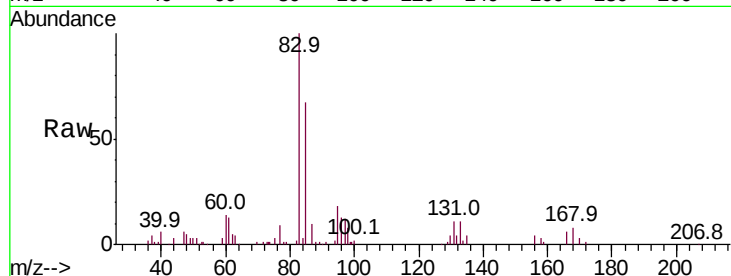
Tot Ion: 83 Resp: 73381

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

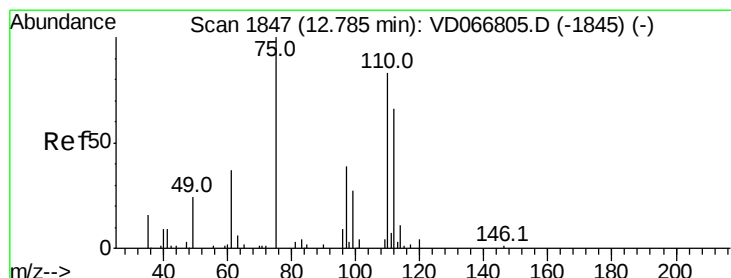
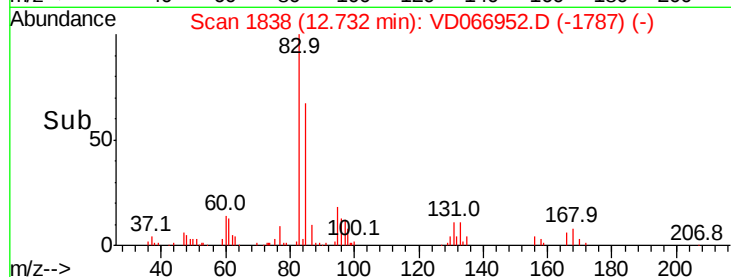
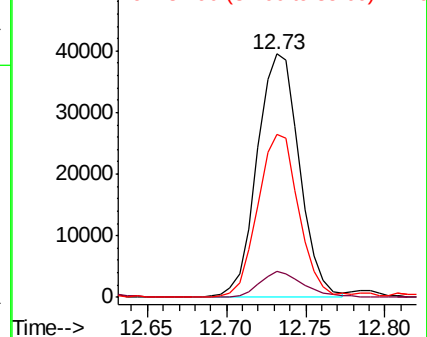
85 65.2 32.1 96.5



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: 40.842 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066952.D

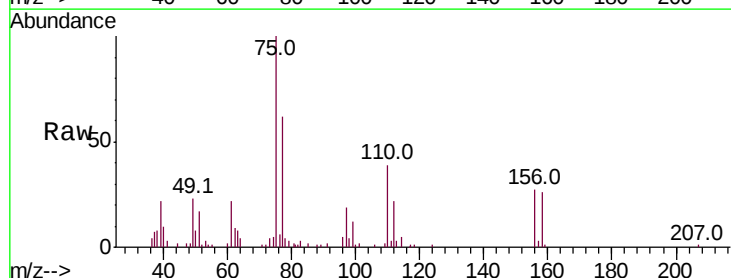
Acq: 29 Sep 2020 22:42

Tgt Ion: 75 Resp: 91533

Ion Ratio Lower Upper

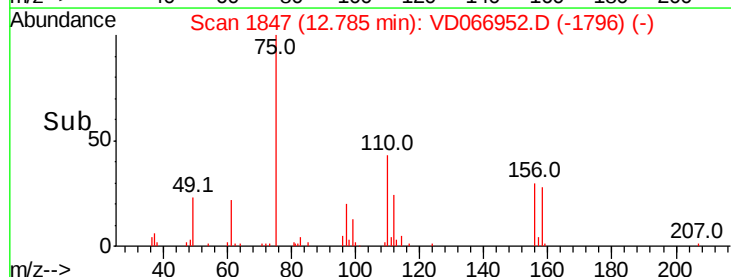
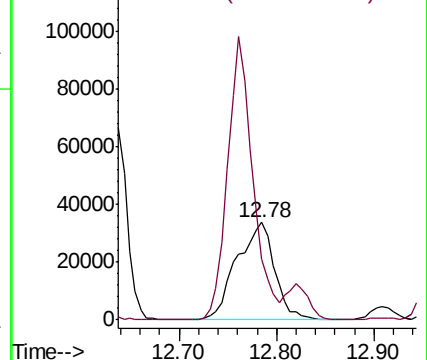
75 100

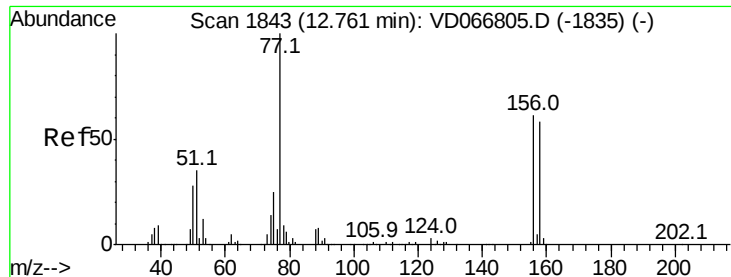
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.785 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

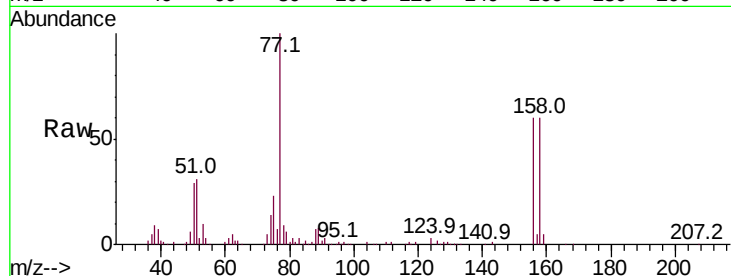
Tot Ion:156 Resp: 99536

Ion Ratio Lower Upper

156 100

77 177.2 92.3 276.9

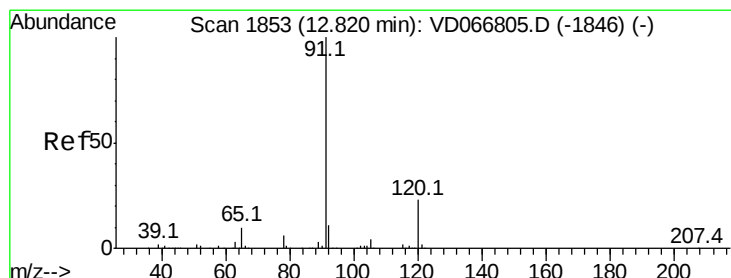
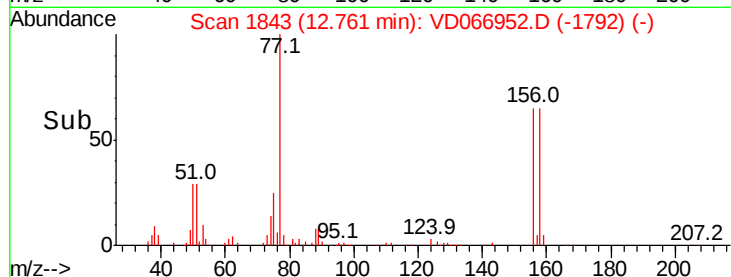
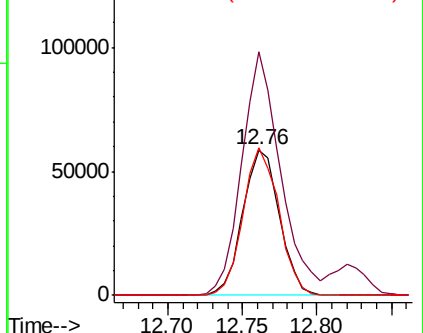
158 98.9 47.6 142.9



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: 20.579 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066952.D

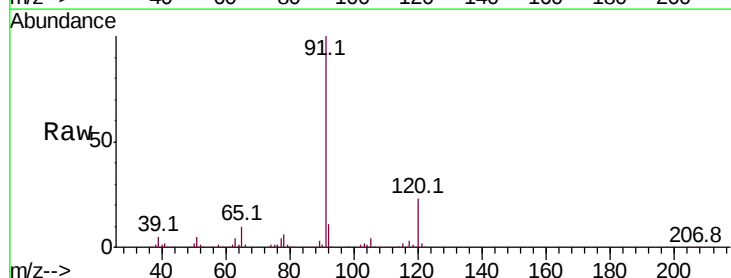
Acq: 29 Sep 2020 22:42

Tgt Ion: 91 Resp: 483664

Ion Ratio Lower Upper

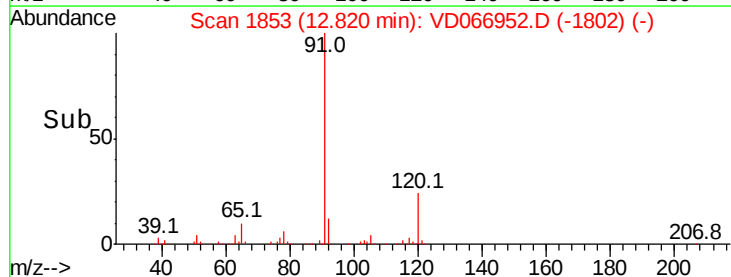
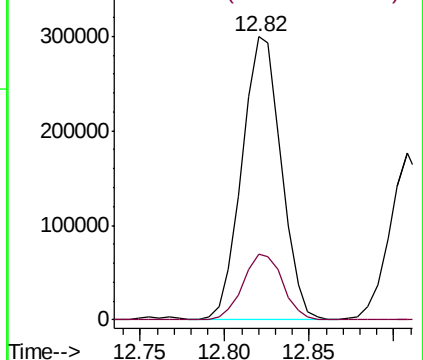
91 100

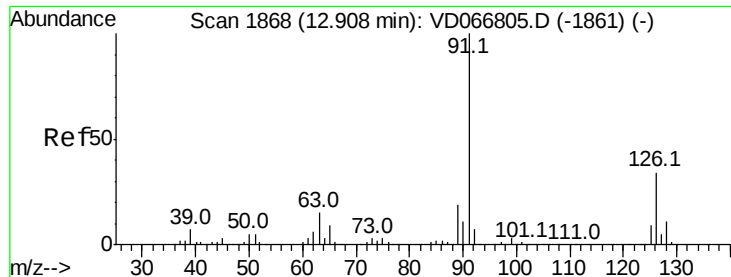
120 23.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

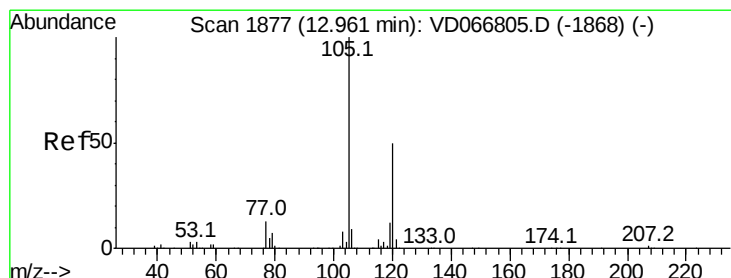
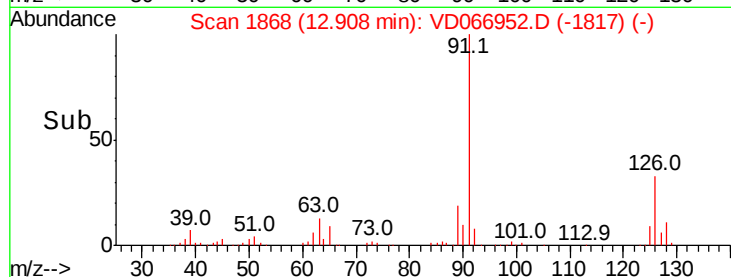
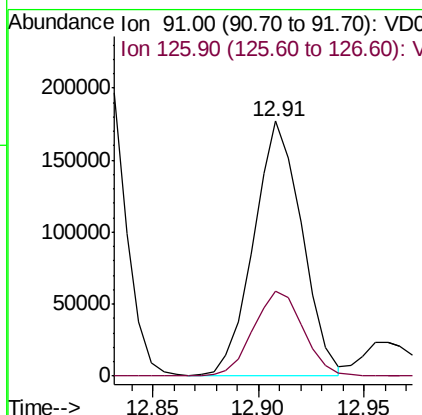
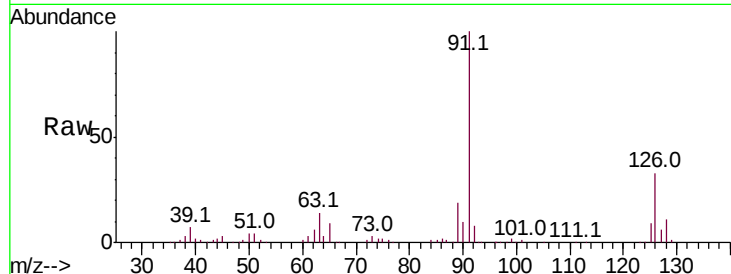




#79
2-Chlorotoluene
Concen: 20.999 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

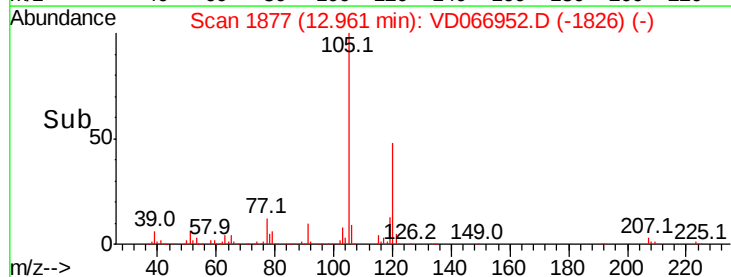
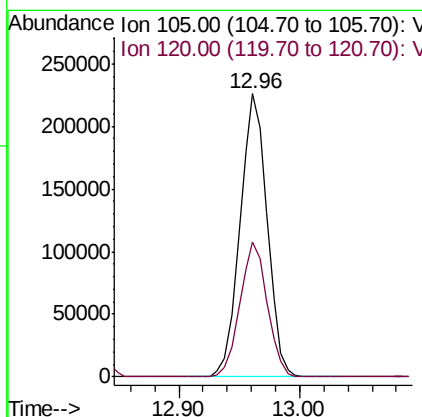
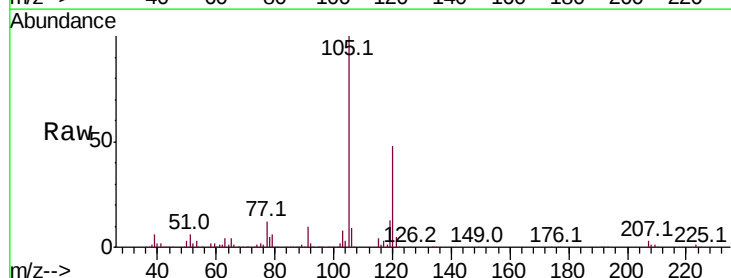
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

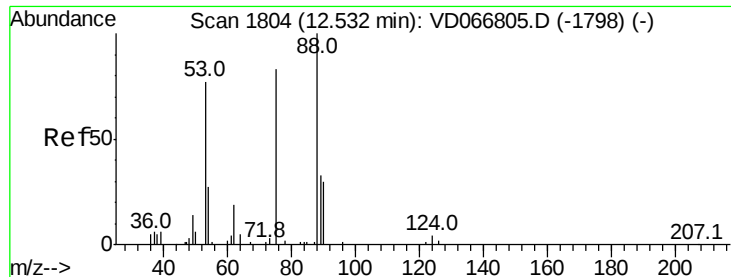
Tot Ion: 91 Resp: 281246
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.356 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 105 Resp: 354005
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 22.769 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

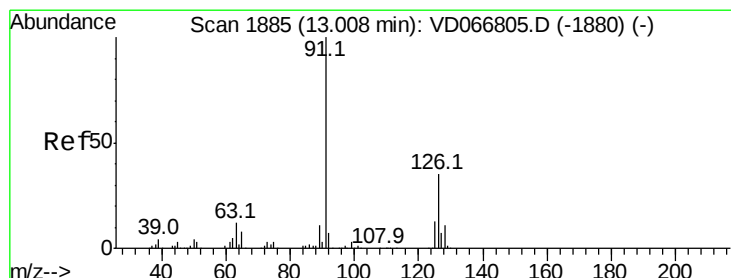
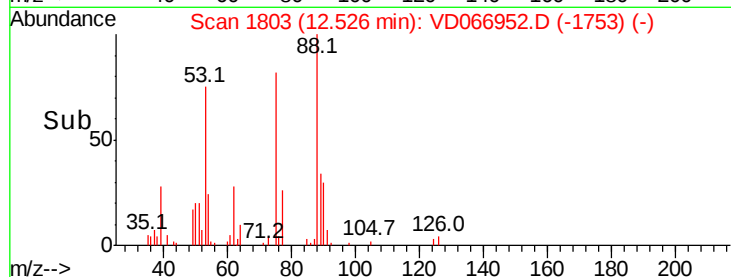
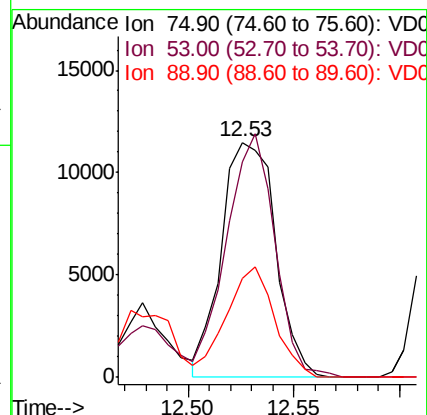
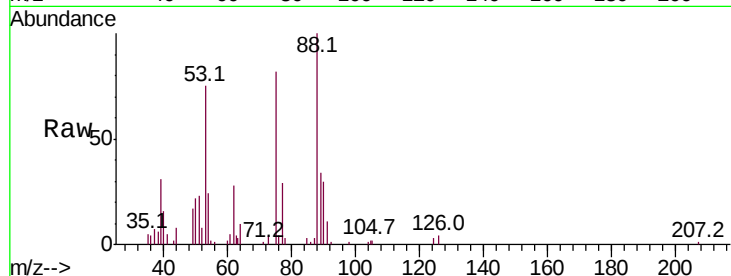
Tot Ion: 75 Resp: 20396

Ion Ratio Lower Upper

75 100

53 92.4 78.5 117.7

89 42.0 38.1 57.1



#82

4-Chlorotoluene

Concen: 21.254 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066952.D

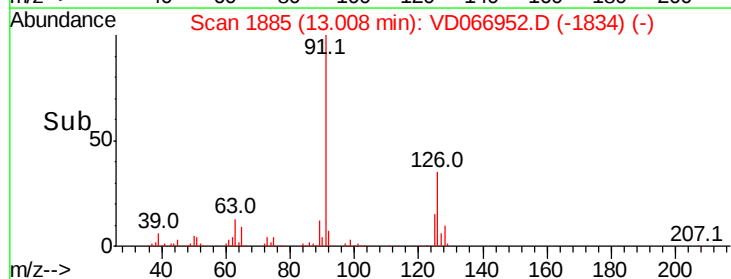
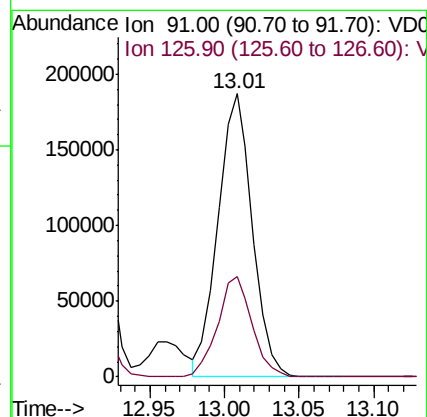
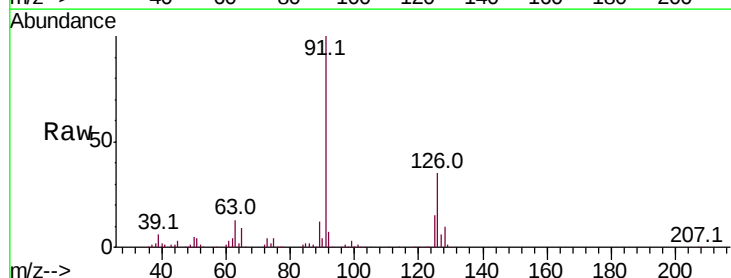
Acq: 29 Sep 2020 22:42

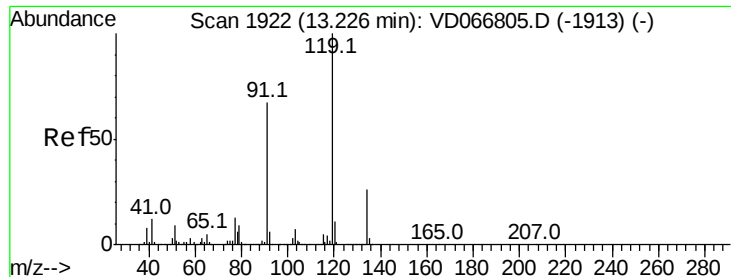
Tgt Ion: 91 Resp: 300076

Ion Ratio Lower Upper

91 100

126 35.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.543 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

VW0929SBS02

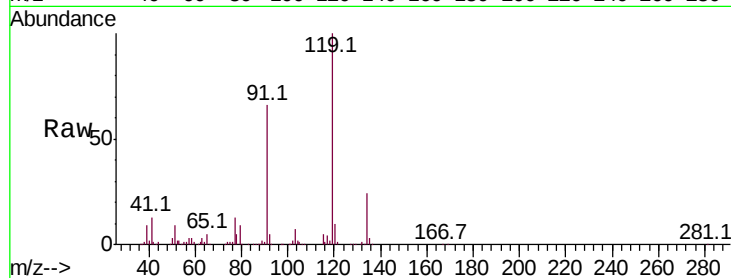
Tot Ion:119 Resp: 279823

Ion Ratio Lower Upper

119 100

91 65.7 33.6 100.8

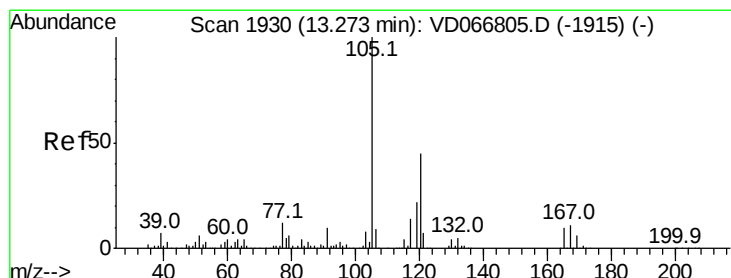
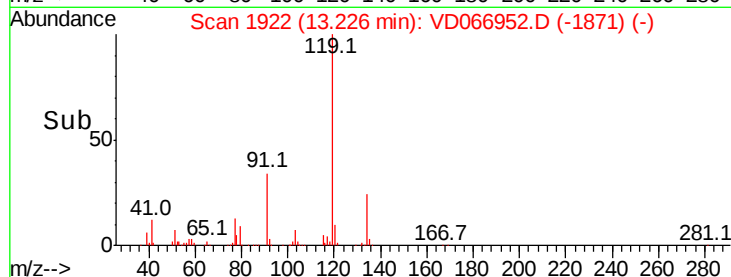
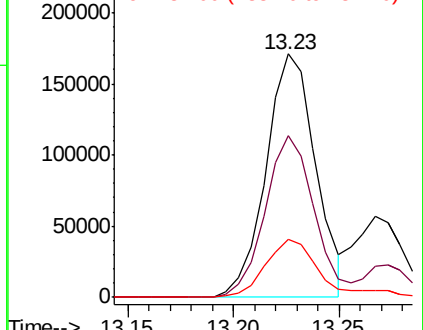
134 26.6 13.5 40.4



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: 21.462 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066952.D

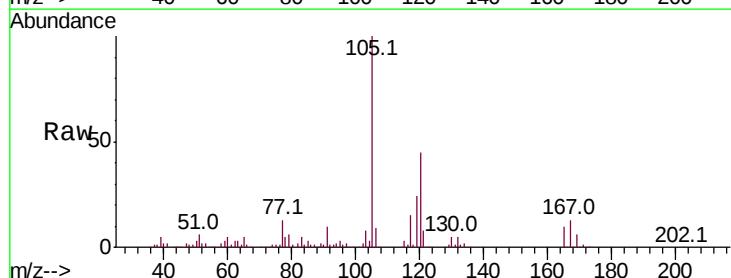
Acq: 29 Sep 2020 22:42

Tgt Ion:105 Resp: 352794

Ion Ratio Lower Upper

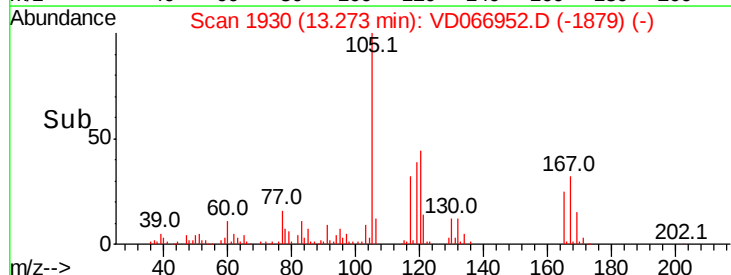
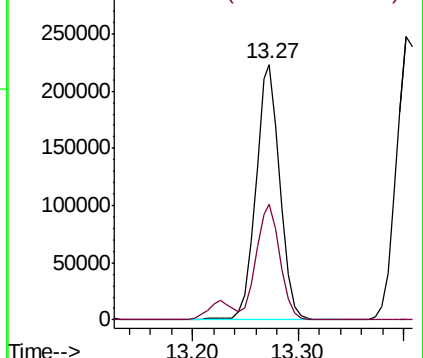
105 100

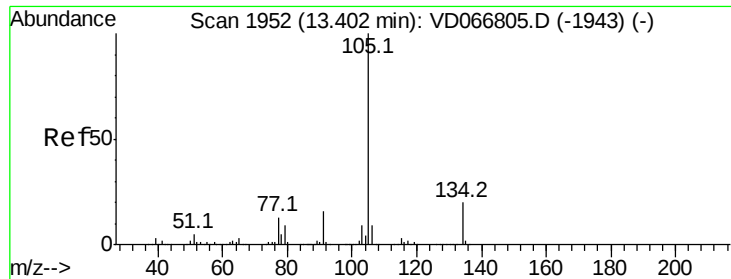
120 45.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_D

ClientSampleId :

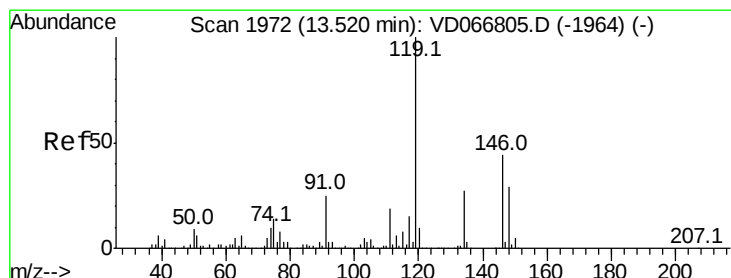
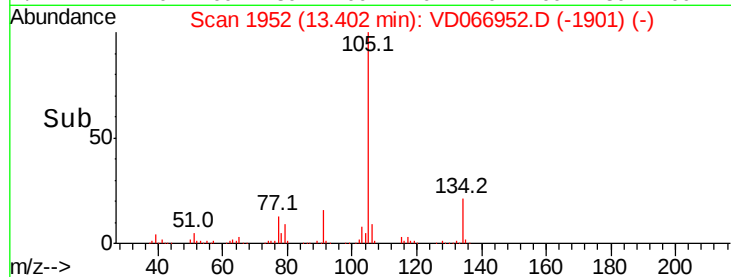
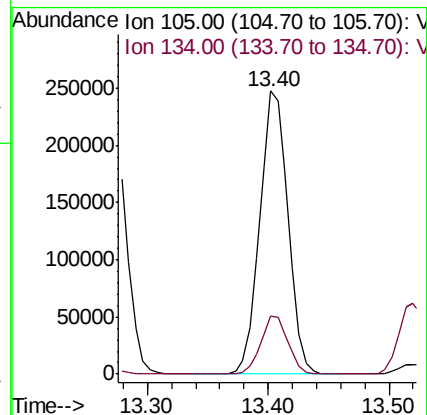
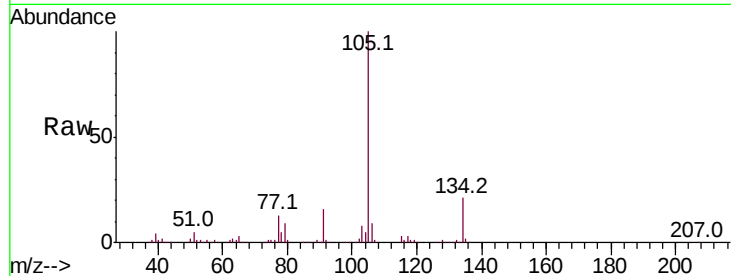
VW0929SBS02

Tot Ion:105 Resp: 403989

Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.861 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

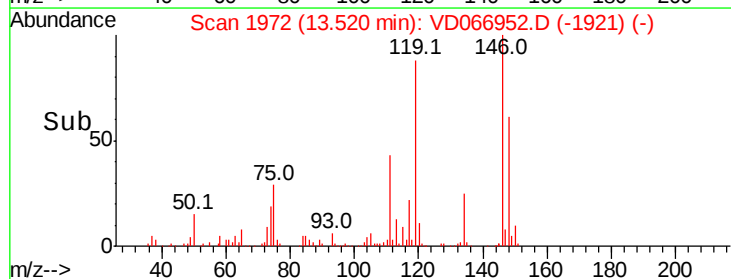
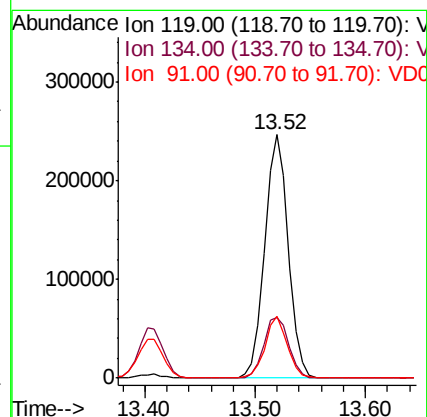
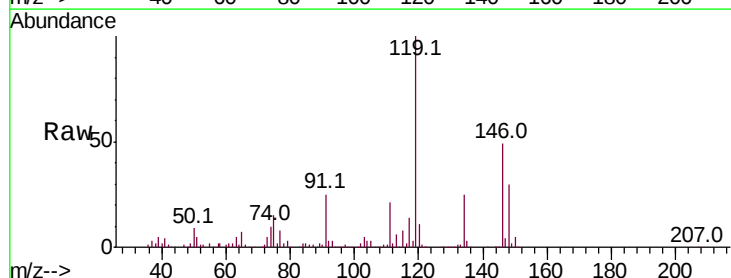
Tgt Ion:119 Resp: 368334

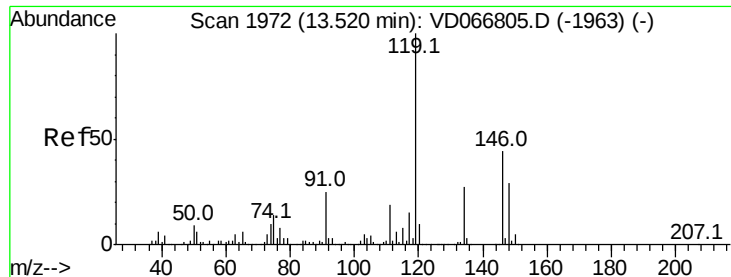
Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 23.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 21.320 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

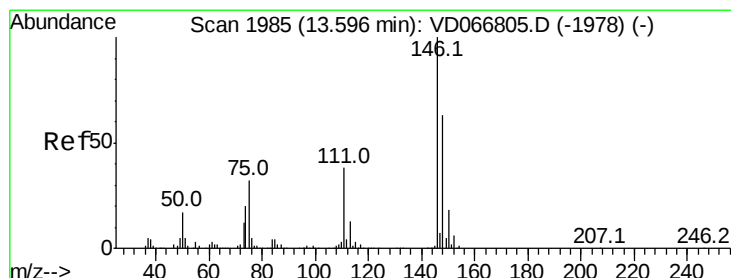
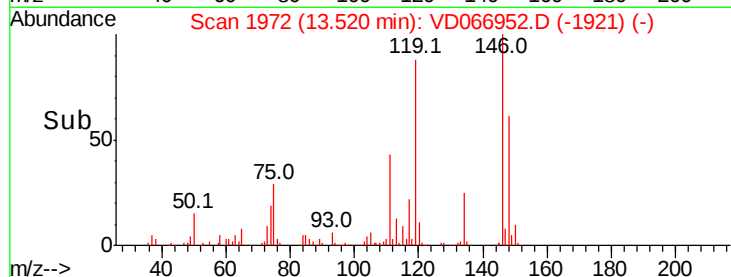
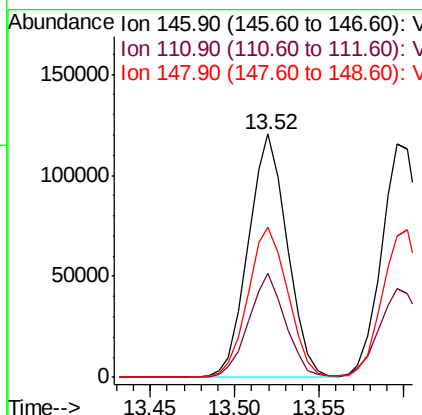
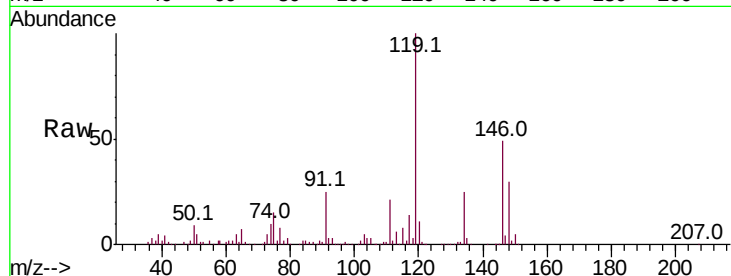
Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion:146 Resp: 192457

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	63.5	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 21.508 ug/l

RT: 13.60 min Scan# 1985

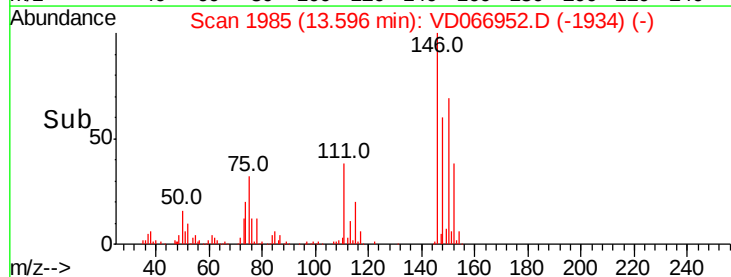
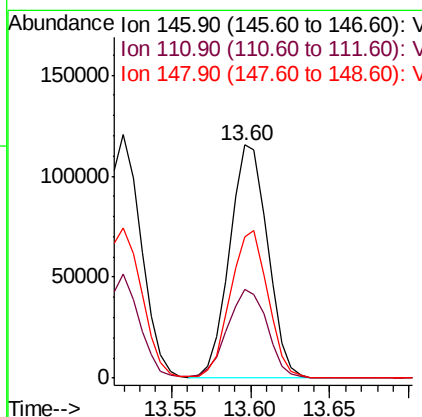
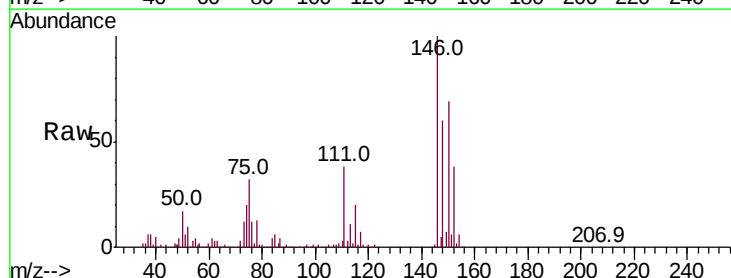
Delta R.T. -0.00 min

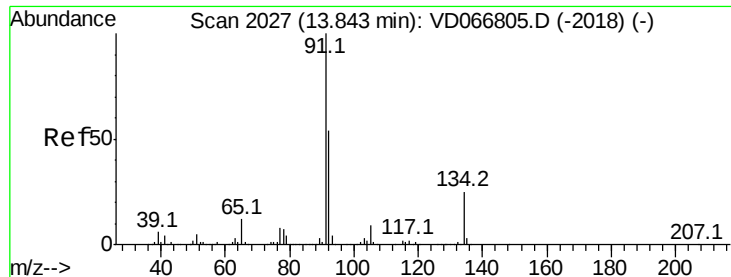
Lab File: VD066952.D

Acq: 29 Sep 2020 22:42

Tgt Ion:146 Resp: 192828

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.5
148	62.5	31.6	94.7

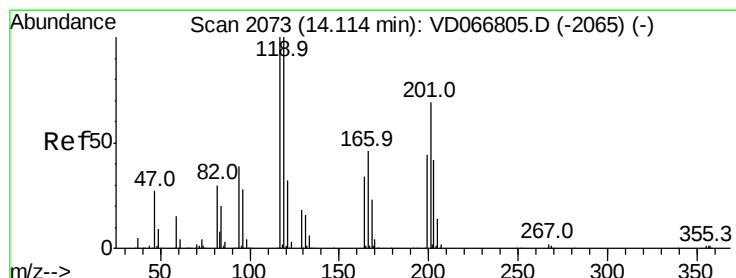
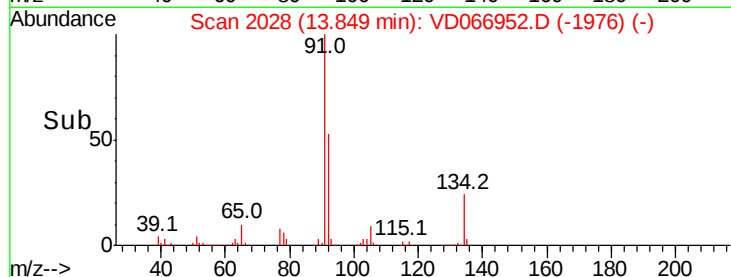
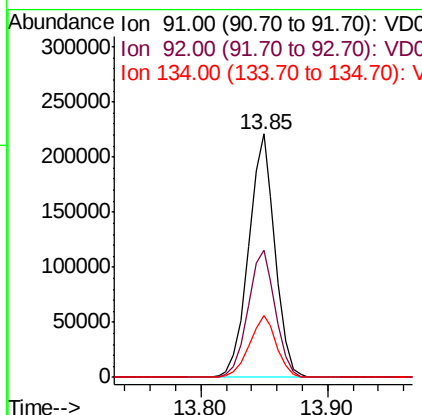
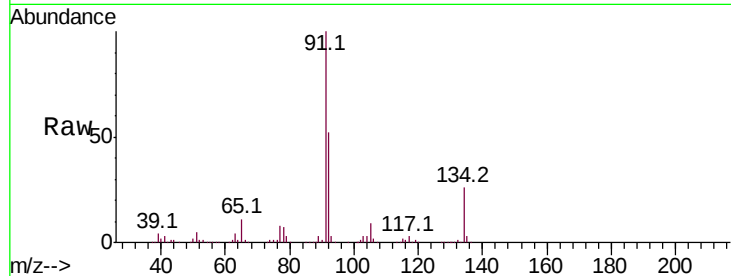




#89
n-Butylbenzene
Concen: 18.900 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

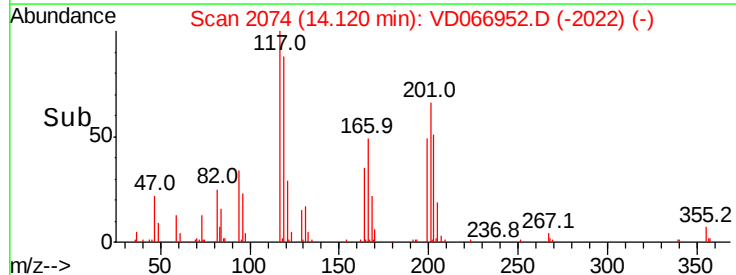
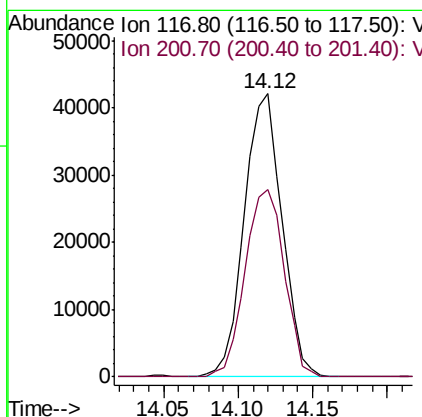
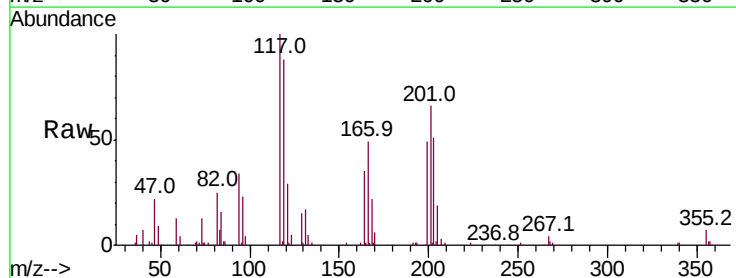
Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

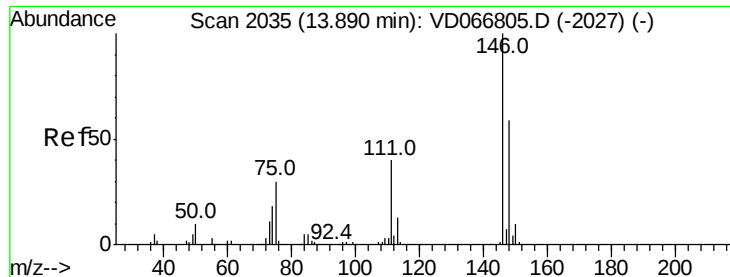
Tot Ion: 91 Resp: 317175
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.0
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 20.562 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion: 117 Resp: 73705
Ion Ratio Lower Upper
117 100
201 68.8 33.7 101.0

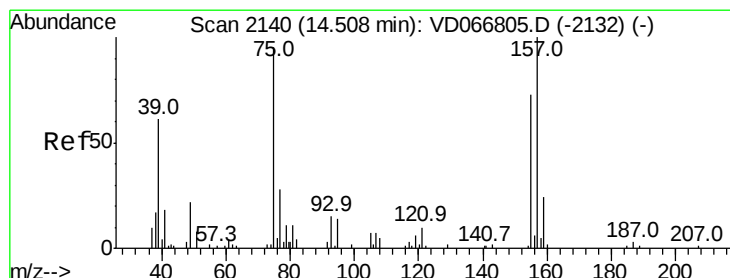
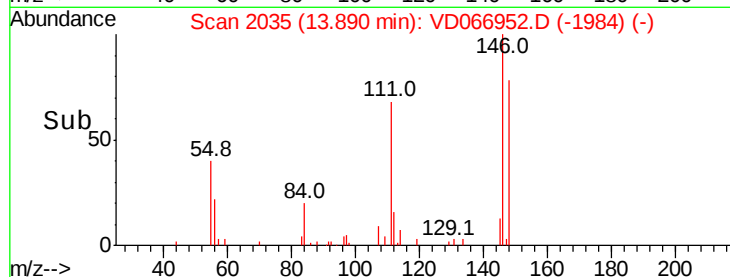
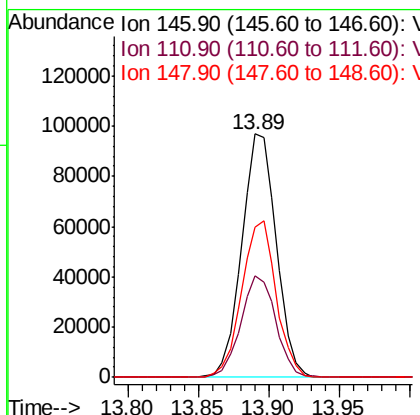
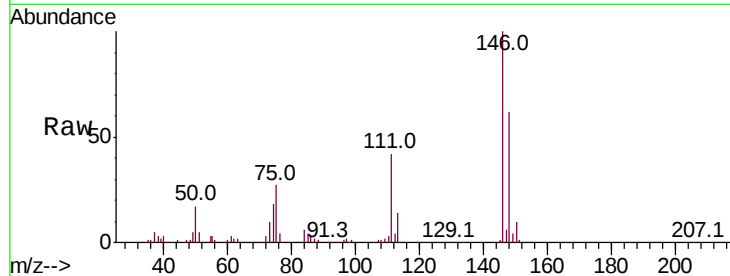




#91
 1,2-Dichlorobenzene
 Concen: 21.435 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

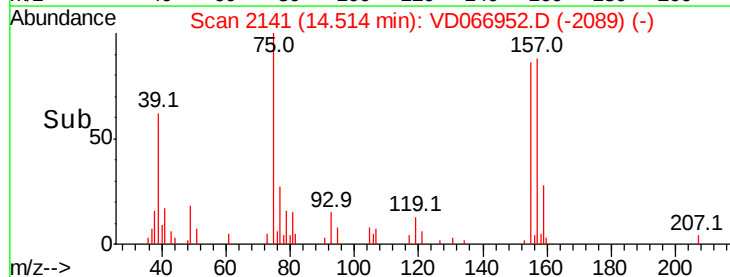
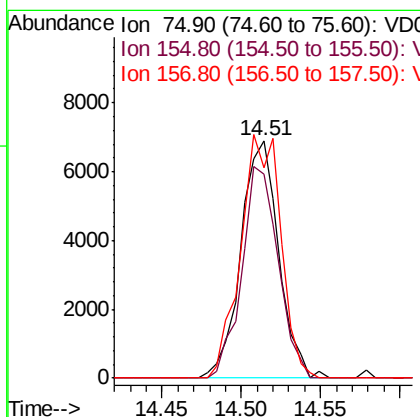
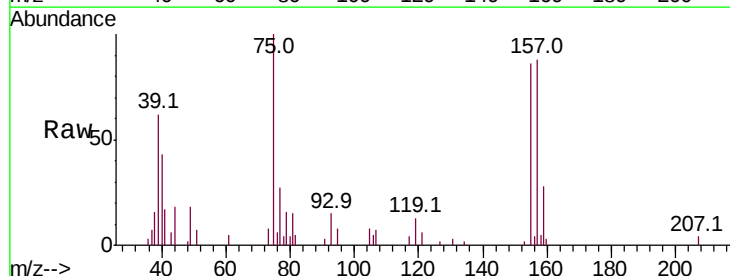
Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

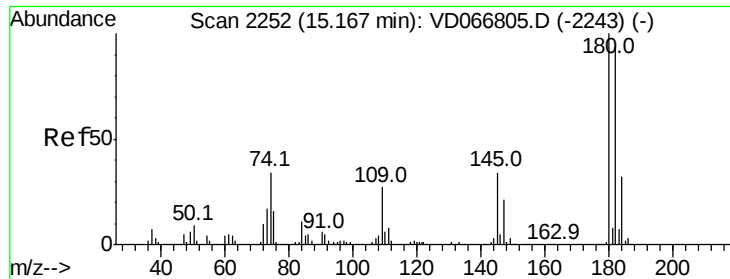
Tot Ion:146 Resp: 165542
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.9 62.7
 148 64.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.077 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion: 75 Resp: 11430
 Ion Ratio Lower Upper
 75 100
 155 85.5 40.4 121.2
 157 108.8 51.3 153.9

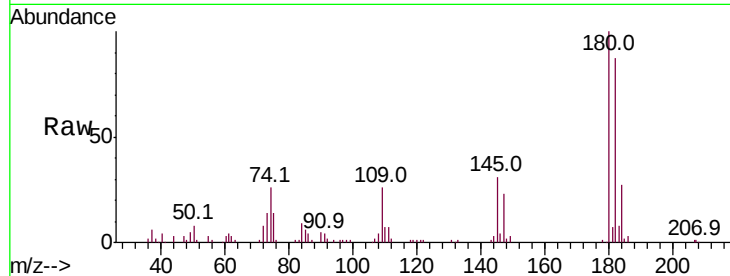




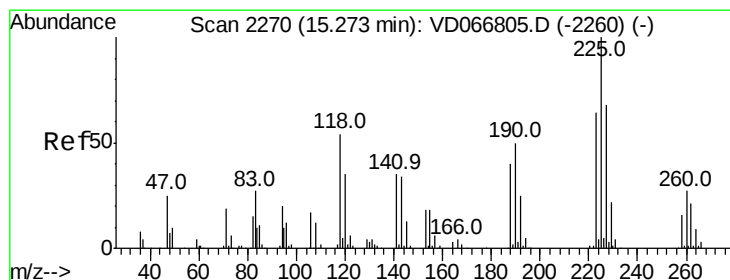
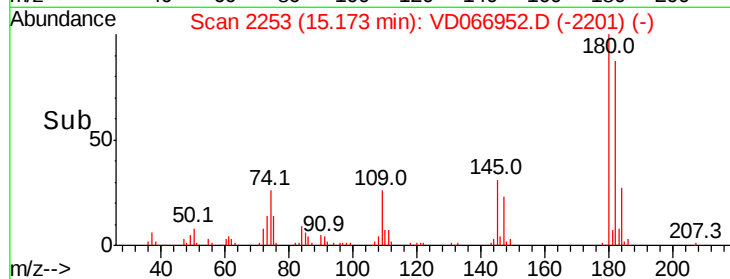
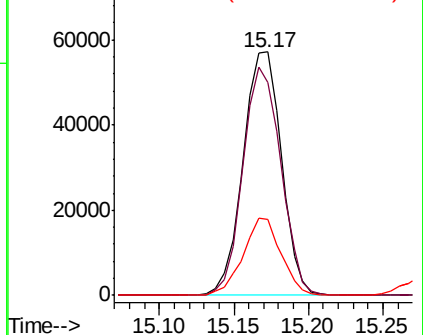
#93
 1,2,4-Trichlorobenzene
 Concen: 20.956 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.8	146.3
145	31.5	16.7	50.0

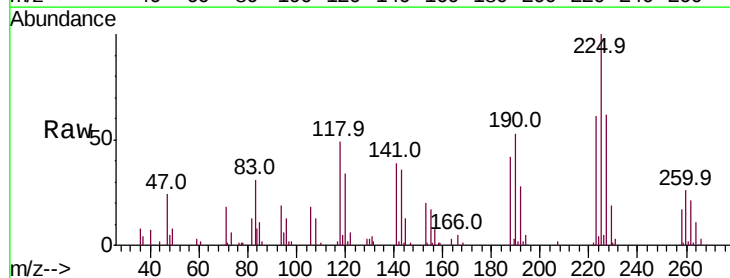


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

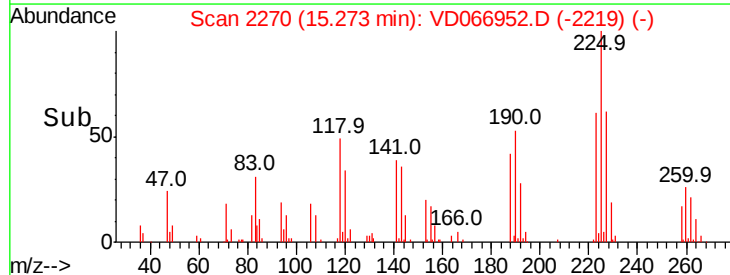
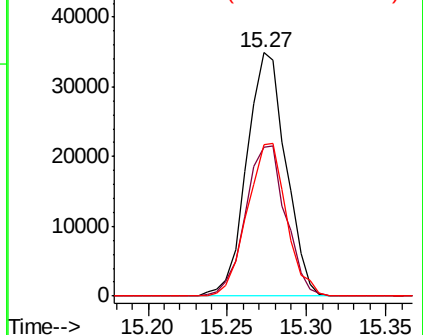


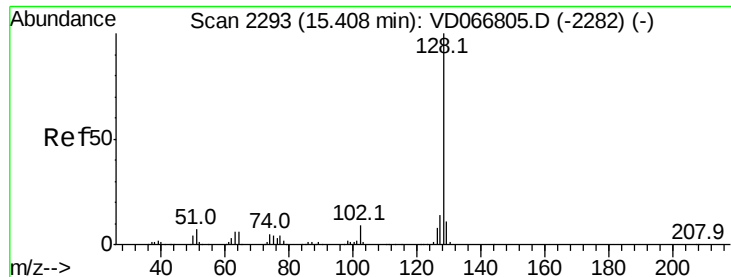
#94
 Hexachlorobutadiene
 Concen: 20.588 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066952.D
 Acq: 29 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.3
227	62.8	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

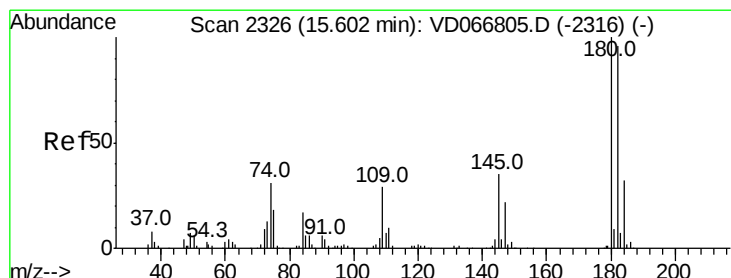
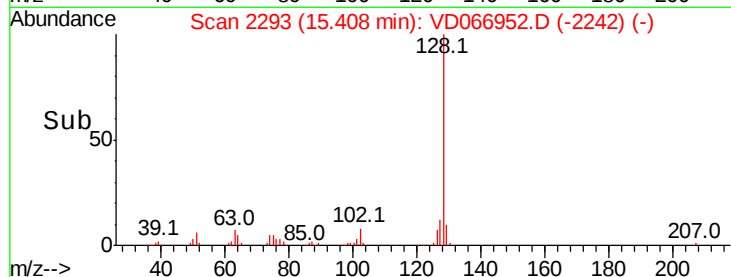
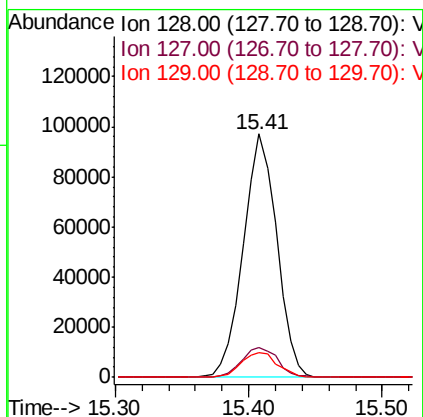
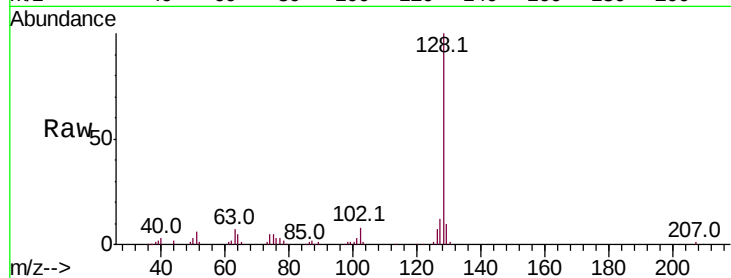




#95
Naphthalene
Concen: 20.382 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Instrument :
MSVOA_D
ClientSampleId :
VW0929SBS02

Tot Ion:128 Resp: 168231
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.515 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066952.D
Acq: 29 Sep 2020 22:42

Tgt Ion:180 Resp: 90281
Ion Ratio Lower Upper
180 100
182 95.2 46.8 140.3
145 34.0 17.0 51.0

