

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053932.D
 Acq On : 25 Feb 2019 16:29
 Operator : JC/SP
 Sample : VN0225WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Quant Time: Feb 26 06:16:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	692190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1087844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	408658	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	391651	48.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.54%	
35) Dibromofluoromethane	7.59	113	354987	50.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.92%	
50) Toluene-d8	10.09	98	1310407	50.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	420054	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	126881	19.917	ug/l	100
3) Chloromethane	2.06	50	168216	19.037	ug/l	99
4) Vinyl Chloride	2.19	62	173056	19.547	ug/l	97
5) Bromomethane	2.57	94	113871	19.420	ug/l	98
6) Chloroethane	2.71	64	104457	18.971	ug/l	99
7) Trichlorofluoromethane	3.02	101	218241	19.295	ug/l	100
8) Diethyl Ether	3.41	74	78985	18.639	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139986	19.596	ug/l	95
10) Methyl Iodide	3.95	142	172675	18.396	ug/l	98
11) Tert butyl alcohol	4.77	59	45159	87.793	ug/l	99
12) 1,1-Dichloroethene	3.74	96	130255	19.063	ug/l	91
13) Acrolein	3.61	56	44745	84.019	ug/l	99
14) Allyl chloride	4.33	41	232775	19.423	ug/l	95
15) Acrylonitrile	4.99	53	249556	92.052	ug/l	100
16) Acetone	3.81	43	217788	93.801	ug/l	93
17) Carbon Disulfide	4.06	76	410544	18.624	ug/l	98
18) Methyl Acetate	4.32	43	104101	18.348	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	353853	19.304	ug/l	99
20) Methylene Chloride	4.55	84	151550	18.871	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	141216	19.095	ug/l	93
22) Diisopropyl ether	5.95	45	459470	19.873	ug/l	95
23) Vinyl Acetate	5.89	43	1603449	96.405	ug/l	96
24) 1,1-Dichloroethane	5.85	63	273276	19.274	ug/l	99
25) 2-Butanone	6.83	43	288770	90.638	ug/l	96
26) 2,2-Dichloropropane	6.82	77	197216	19.578	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	159672	19.414	ug/l	95
28) Bromochloromethane	7.19	49	129562	19.964	ug/l	85
29) Tetrahydrofuran	7.21	42	191742	90.375	ug/l	93
30) Chloroform	7.37	83	262775	19.113	ug/l	100
31) Cyclohexane	7.65	56	260507	19.830	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	217414	19.179	ug/l	97
36) 1,1-Dichloropropene	7.79	75	200344	19.804	ug/l	98
37) Ethyl Acetate	6.93	43	131676	18.229	ug/l	98
38) Carbon Tetrachloride	7.77	117	190952	18.149	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	239813	19.667	ug/l	93
40) Benzene	8.04	78	611161	19.665	ug/l	100
41) Methacrylonitrile	7.17	41	56179	12.078	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	186805	19.415	ug/l	98
43) Isopropyl Acetate	8.16	43	217357	17.821	ug/l #	89
44) Trichloroethene	8.83	130	161105	19.553	ug/l	95
45) 1,2-Dichloropropane	9.12	63	166352	19.840	ug/l	100
46) Dibromomethane	9.21	93	94764	19.467	ug/l	93
47) Bromodichloromethane	9.40	83	198870	19.386	ug/l	100
48) Methyl methacrylate	9.20	41	103673	18.480	ug/l	95
49) 1,4-Dioxane	9.20	88	28210	371.263	ug/l #	91
51) 4-Methyl-2-Pentanone	9.98	43	581216	92.737	ug/l	96
52) Toluene	10.15	92	362943	19.833	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	191885	19.224	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	230665	19.603	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	130667	19.119	ug/l	97
56) Ethyl methacrylate	10.43	69	149933	18.032	ug/l	93
57) 1,3-Dichloropropane	10.71	76	222488	19.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	354929	94.057	ug/l	96
59) 2-Hexanone	10.75	43	370793	90.966	ug/l	93
60) Dibromochloromethane	10.90	129	141703	18.656	ug/l	100
61) 1,2-Dibromoethane	11.01	107	123791	18.777	ug/l	99
64) Tetrachloroethene	10.63	164	160319	20.327	ug/l	98
65) Chlorobenzene	11.43	112	381841	19.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	140866	19.883	ug/l	99
67) Ethyl Benzene	11.51	91	664669	20.169	ug/l	99
68) m/p-Xylenes	11.62	106	511752	41.145	ug/l	99
69) o-Xylene	11.95	106	245518	20.090	ug/l	99
70) Styrene	11.96	104	382102	20.327	ug/l	99
71) Bromoform	12.13	173	91329	18.530	ug/l #	100
73) Isopropylbenzene	12.25	105	650833	20.459	ug/l	99
74) N-amyl acetate	12.07	43	159325	19.109	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	151316	19.022	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	181653	27.710	ug/l #	100
77) Bromobenzene	12.53	156	157481	19.498	ug/l	90
78) n-propylbenzene	12.59	91	743455	20.550	ug/l	98
79) 2-Chlorotoluene	12.67	91	441276	20.305	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	545859	20.960	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	36501	17.598	ug/l	89
82) 4-Chlorotoluene	12.77	91	431817	20.104	ug/l	98
83) tert-Butylbenzene	12.99	119	470838	20.442	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	549338	21.129	ug/l	99
85) sec-Butylbenzene	13.17	105	650765	20.686	ug/l	99
86) p-Isopropyltoluene	13.29	119	555621	20.892	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	277883	19.889	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	270734	19.973	ug/l	99
89) n-Butylbenzene	13.62	91	466831	20.828	ug/l	99
90) Hexachloroethane	13.87	117	99610	19.328	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	268996	19.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20241	18.005	ug/l	91

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
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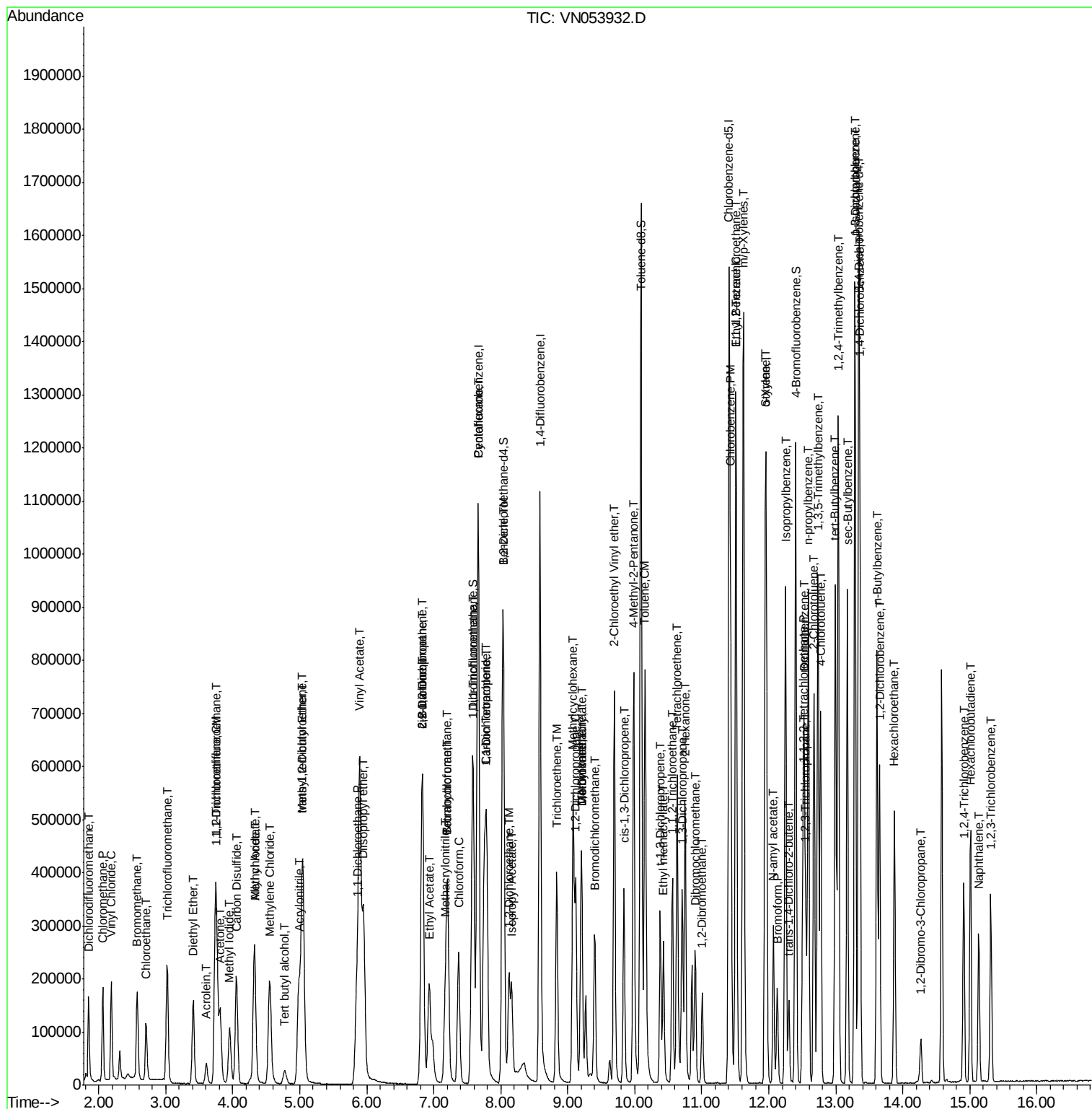
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131609	18.965	ug/l	97
94) Hexachlorobutadiene	15.01	225	102502	20.981	ug/l	99
95) Naphthalene	15.13	128	246032	17.440	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	129959	19.033	ug/l	99

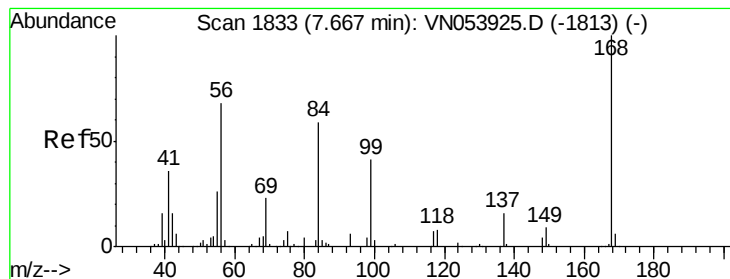
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

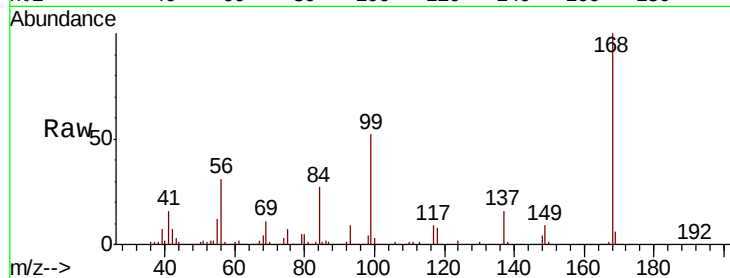
VN0225WBS01

Tgt Ion:168 Resp: 692190

Ion Ratio Lower Upper

168 100

99 50.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

150000

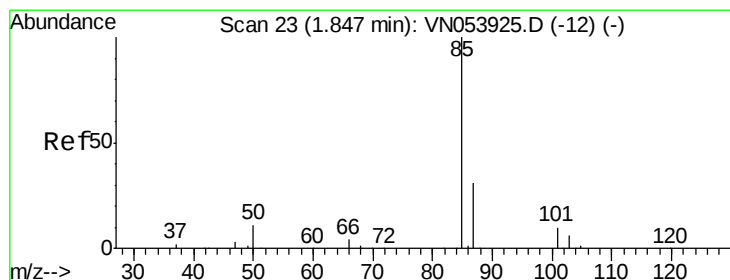
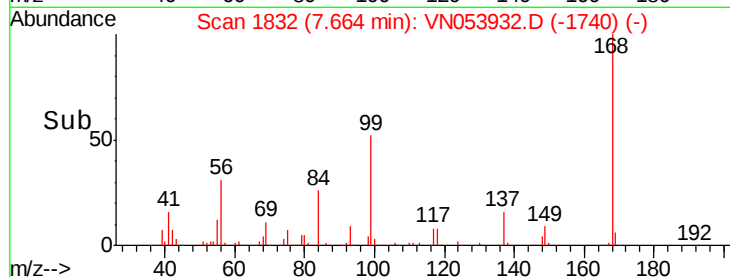
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.917 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053932.D

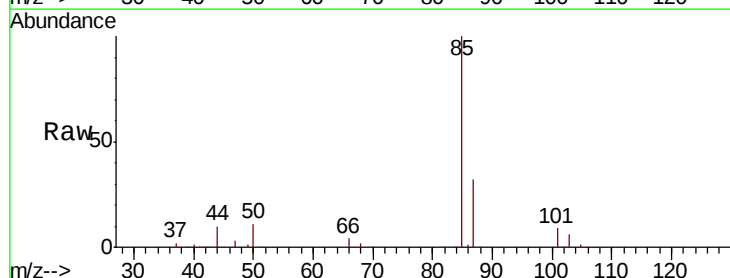
Acq: 25 Feb 2019 16:29

Tgt Ion: 85 Resp: 126881

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

100000

80000

60000

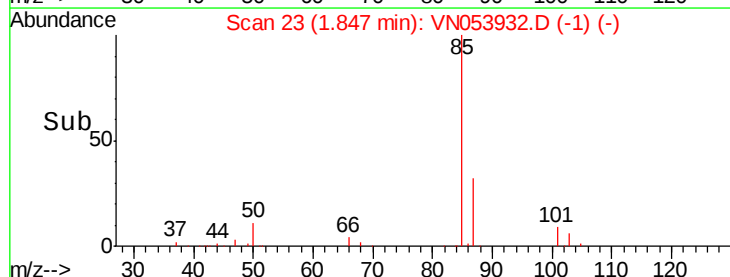
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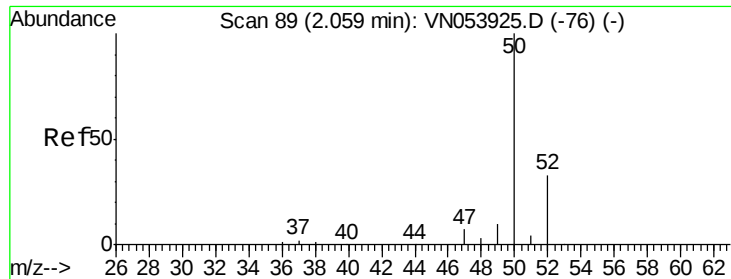
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.037 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

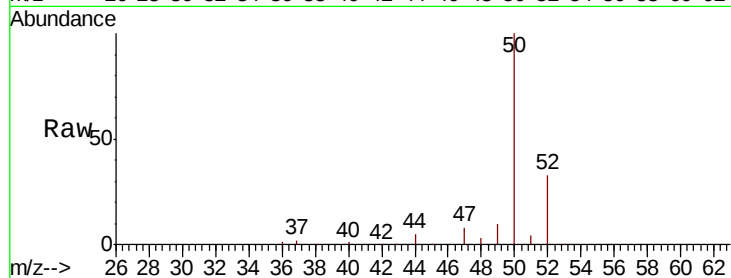
VN0225WBS01

Tgt Ion: 50 Resp: 168216

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

120000

100000

80000

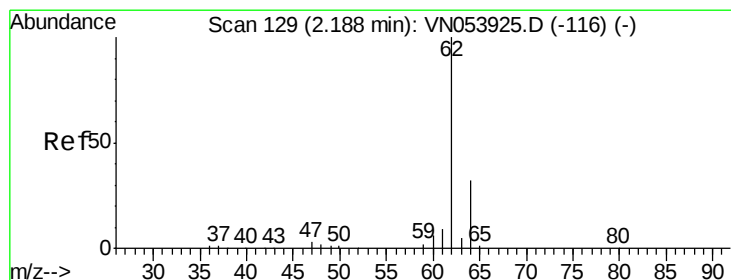
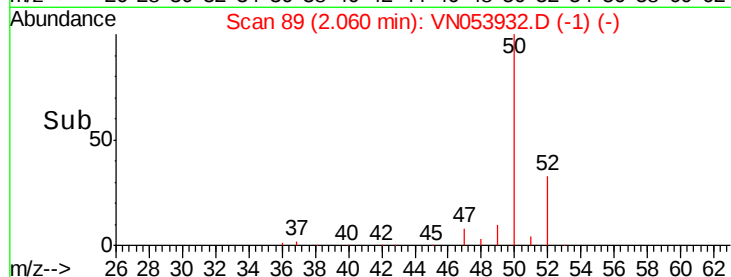
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 19.547 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053932.D

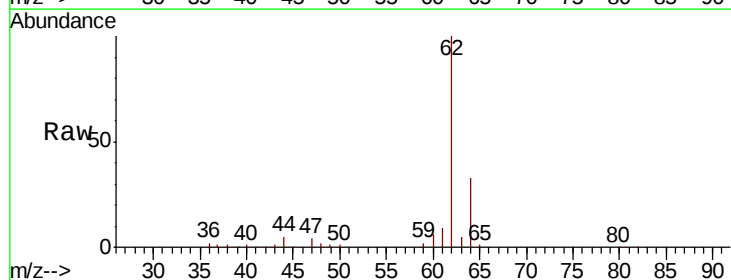
Acq: 25 Feb 2019 16:29

Tgt Ion: 62 Resp: 173056

Ion Ratio Lower Upper

62 100

64 33.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

120000

100000

80000

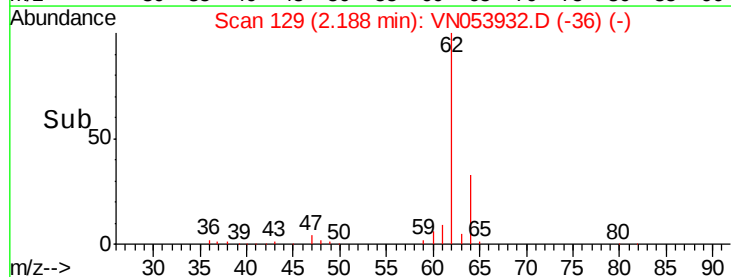
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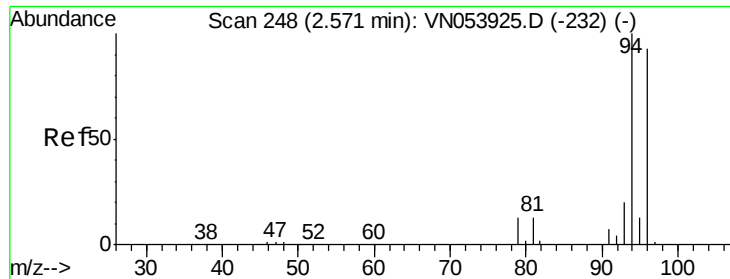
40000

20000

0

Time-->





#5

Bromomethane

Concen: 19.420 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

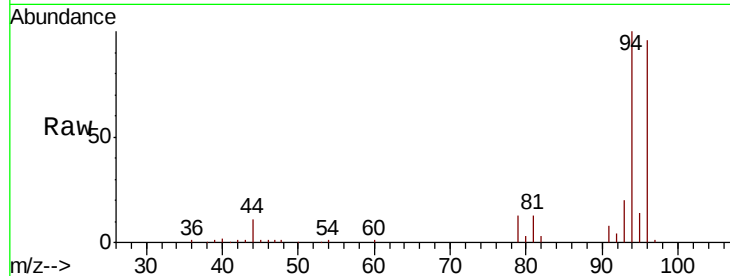
VN0225WBS01

Tgt Ion: 94 Resp: 113871

Ion Ratio Lower Upper

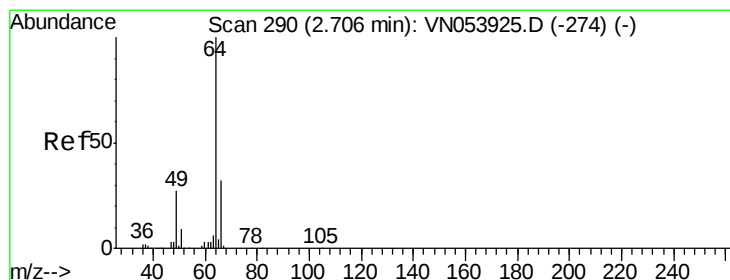
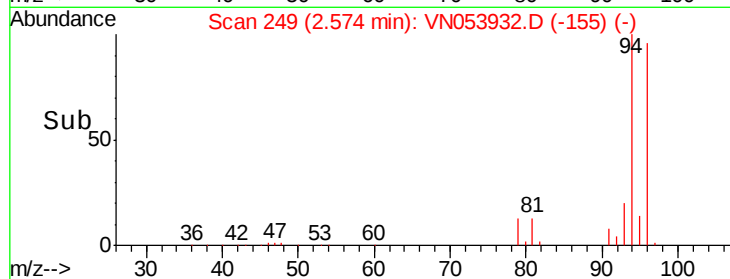
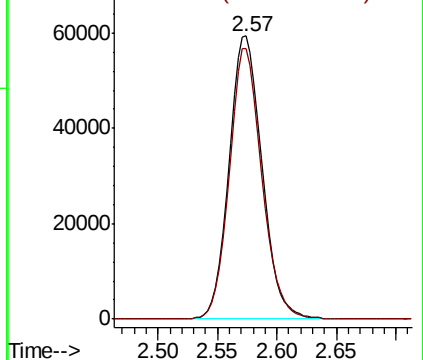
94 100

96 95.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.971 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053932.D

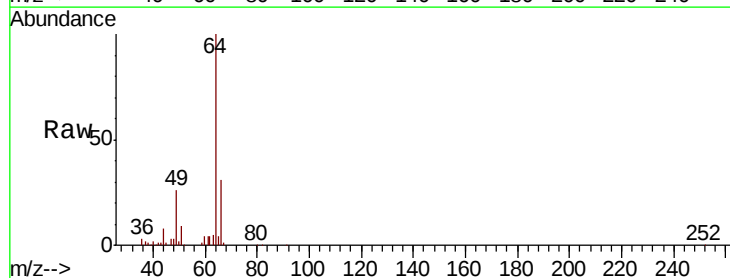
Acq: 25 Feb 2019 16:29

Tgt Ion: 64 Resp: 104457

Ion Ratio Lower Upper

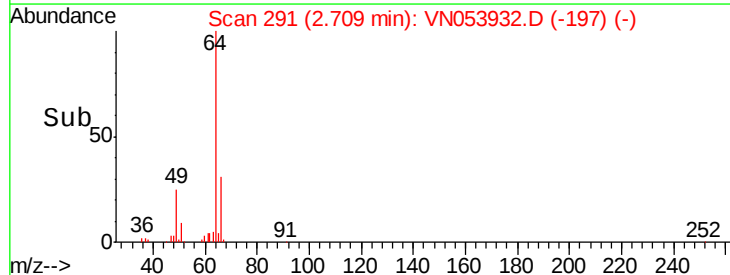
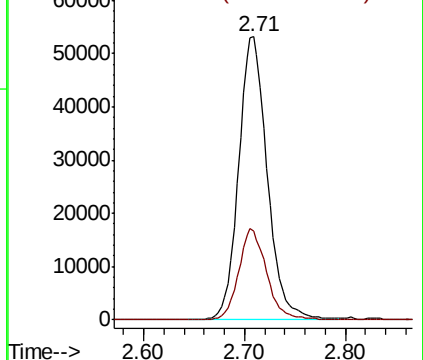
64 100

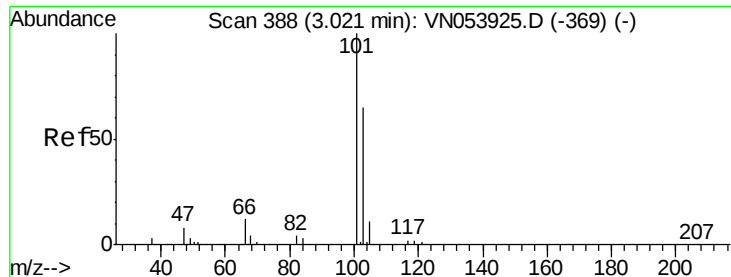
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



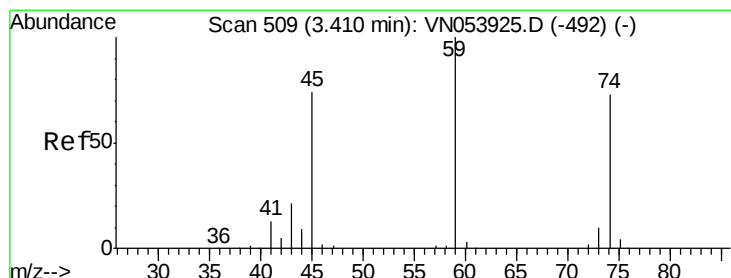
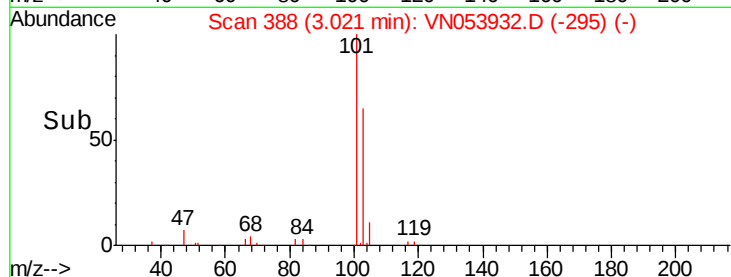
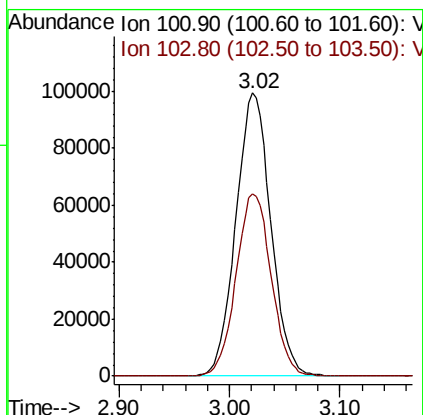
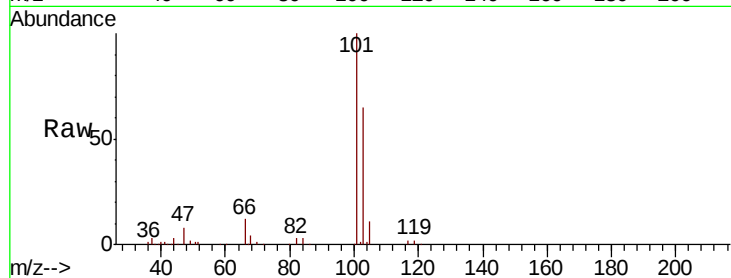


#7

Trichlorofluoromethane
 Concen: 19.295 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Instrument :
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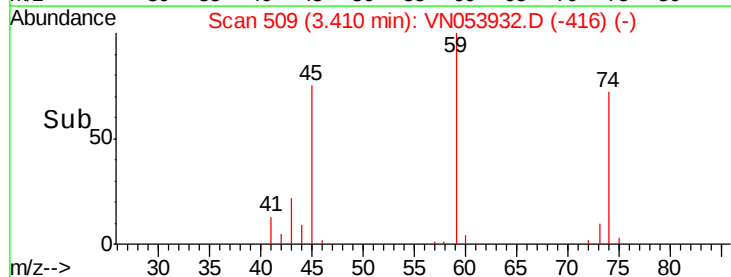
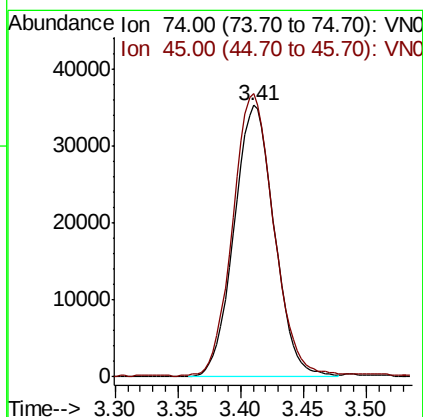
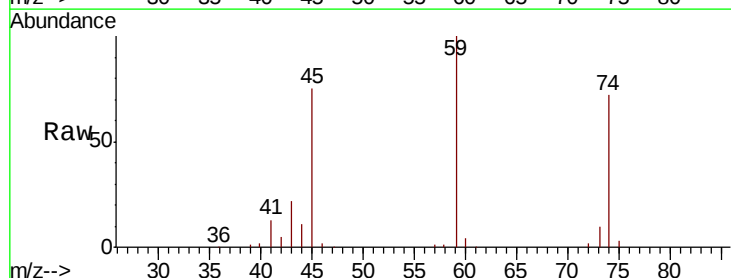
Tgt Ion:101 Resp: 218241
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9

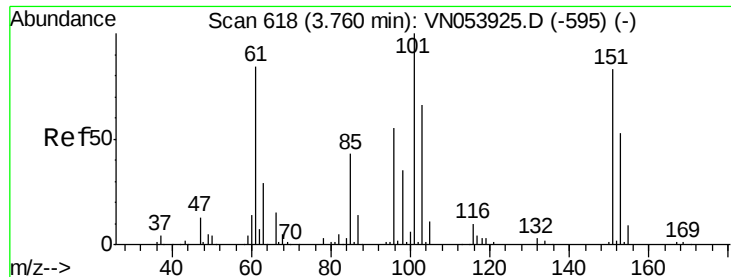


#8

Diethyl Ether
 Concen: 18.639 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 74 Resp: 78985
 Ion Ratio Lower Upper
 74 100
 45 107.1 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.596 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053932.D

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MSVOA_N

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VN0225WBS01

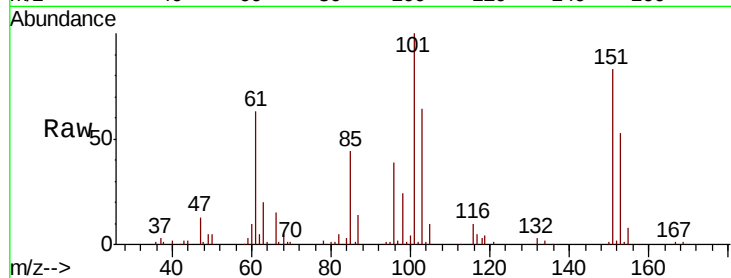
Tgt Ion:101 Resp: 139986

Ion Ratio Lower Upper

101 100

85 42.3 32.5 48.7

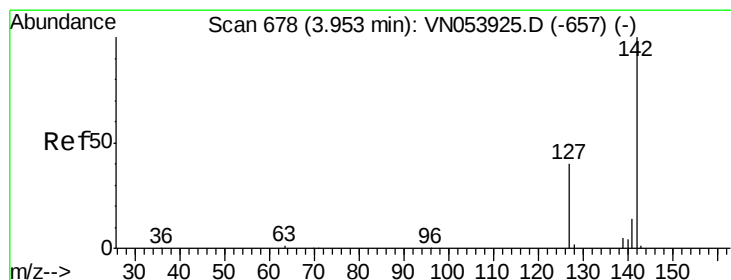
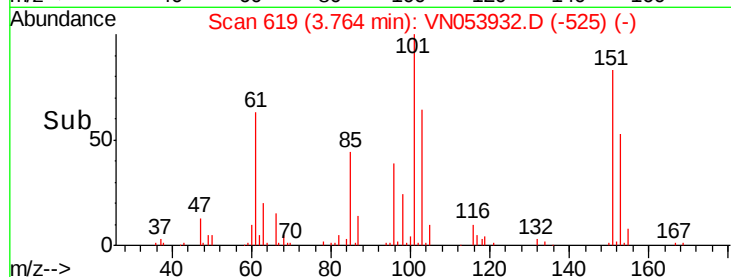
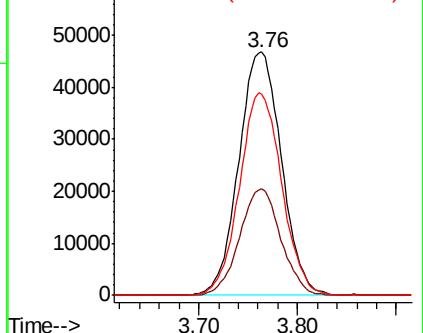
151 82.2 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.396 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

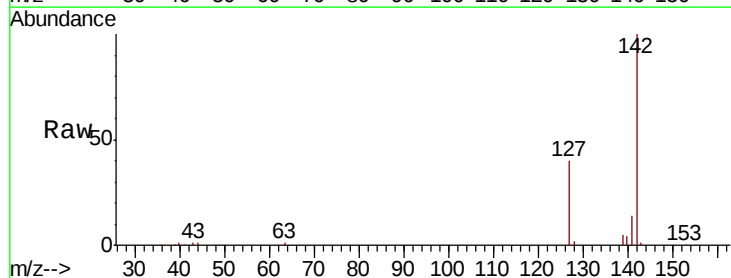
Tgt Ion:142 Resp: 172675

Ion Ratio Lower Upper

142 100

127 40.6 31.0 46.4

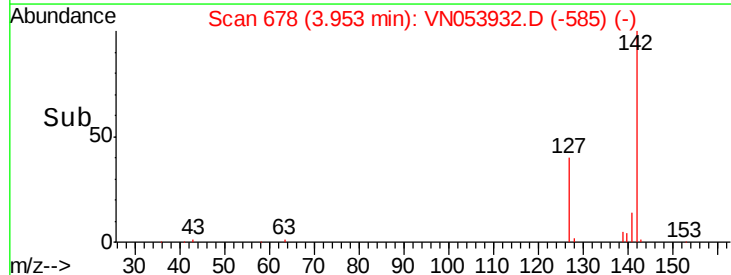
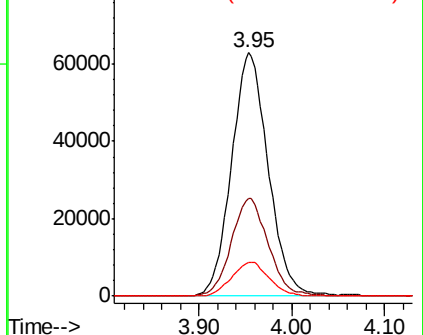
141 14.1 11.3 16.9

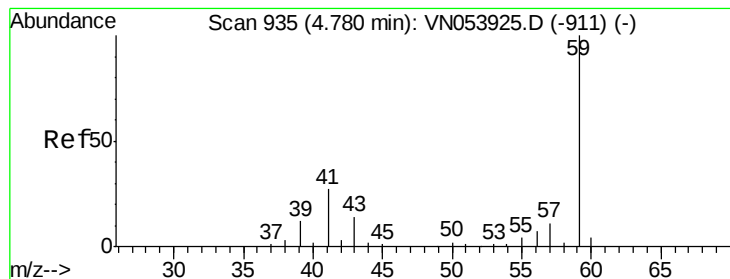


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.793 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

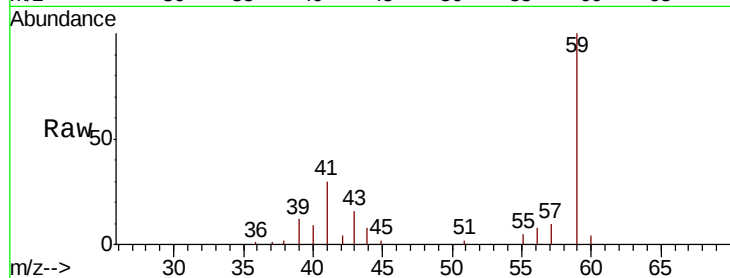
VN0225WBS01

Tgt Ion: 59 Resp: 45159

Ion Ratio Lower Upper

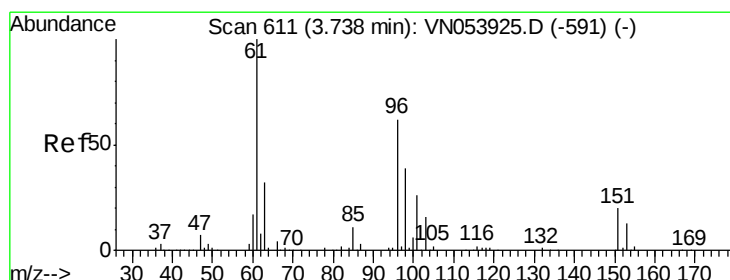
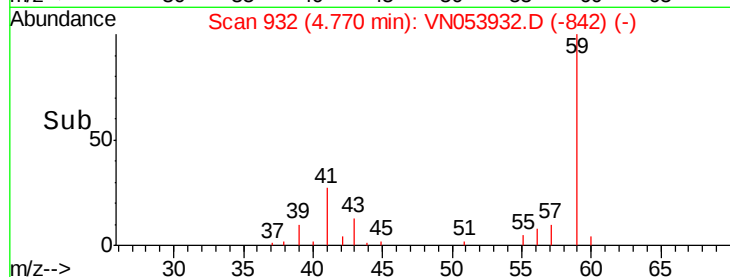
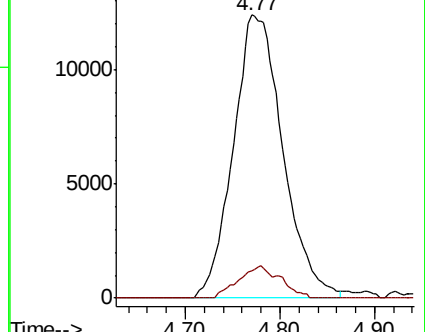
59 100

57 9.6 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.063 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

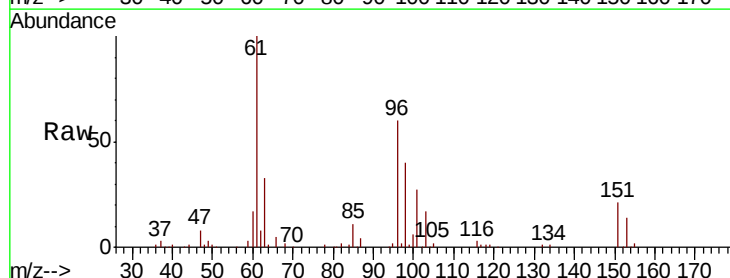
Tgt Ion: 96 Resp: 130255

Ion Ratio Lower Upper

96 100

61 166.9 121.0 181.4

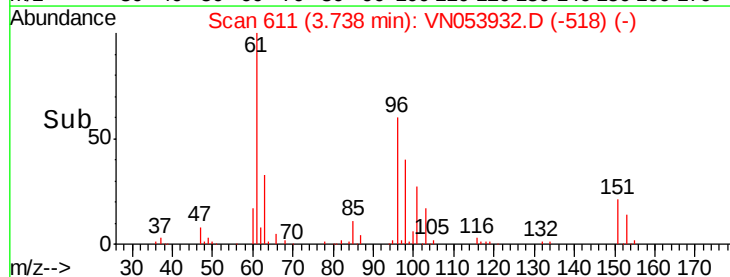
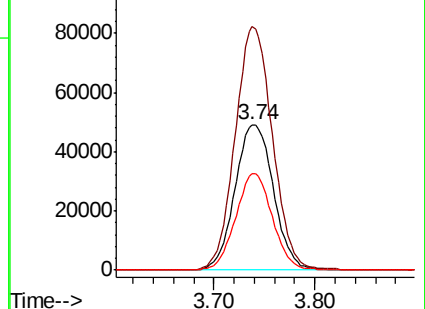
98 66.5 52.2 78.2

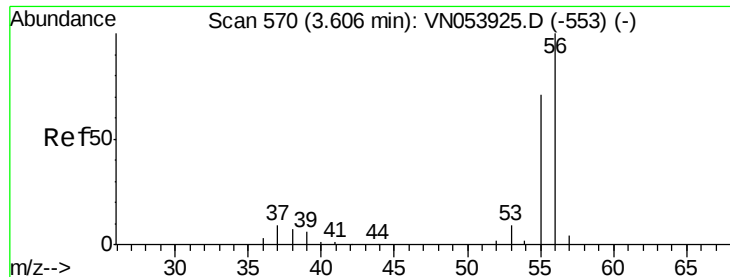


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 84.019 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

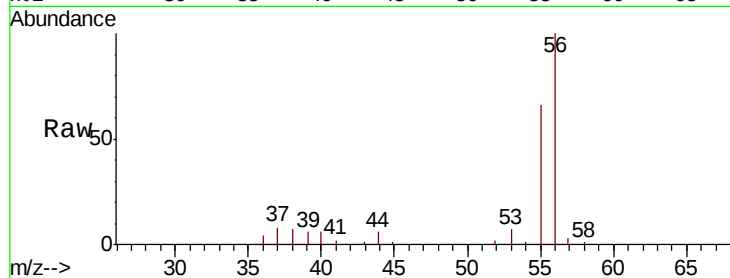
VN0225WBS01

Tgt Ion: 56 Resp: 44745

Ion Ratio Lower Upper

56 100

55 71.0 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

20000

15000

10000

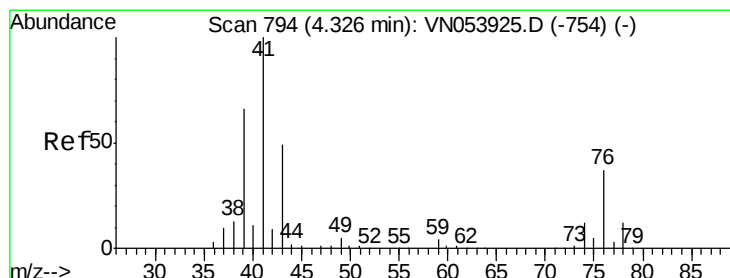
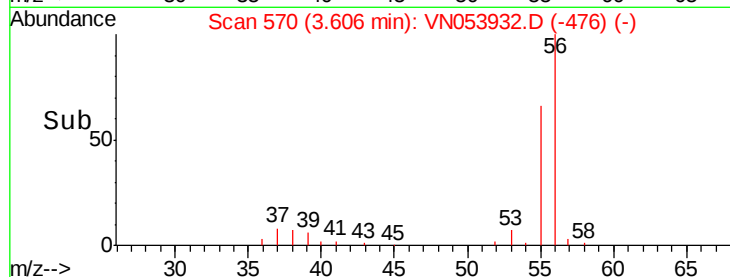
5000

0

Time-->

3.50 3.55 3.60 3.65 3.70

3.61



#14

Allyl chloride

Concen: 19.423 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

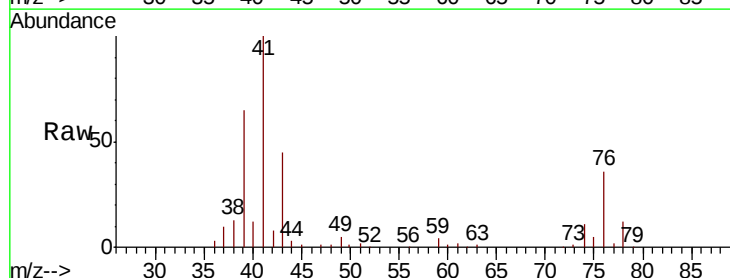
Tgt Ion: 41 Resp: 232775

Ion Ratio Lower Upper

41 100

39 63.4 48.8 73.2

76 33.7 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

100000

80000

60000

40000

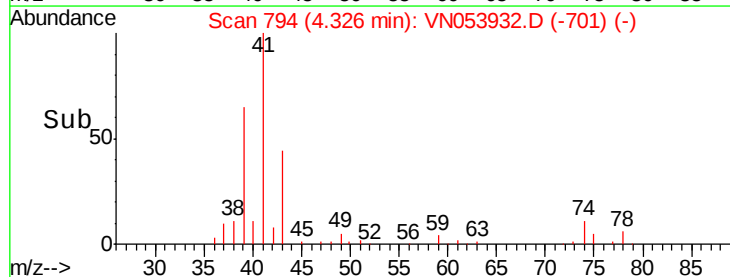
20000

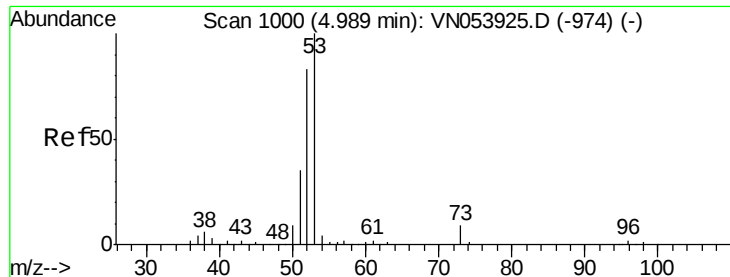
0

Time-->

4.20 4.30 4.40

4.33

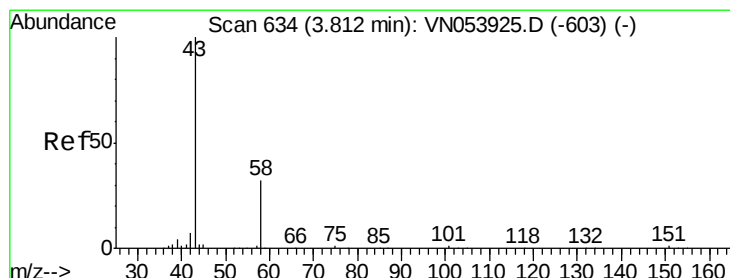
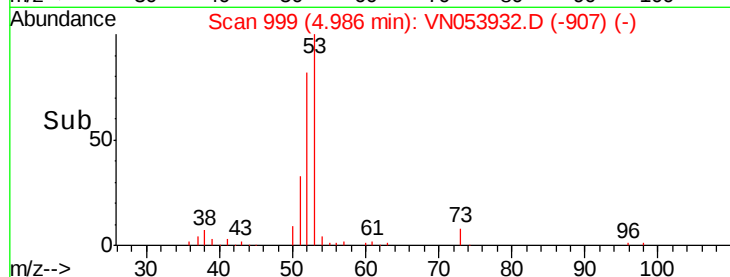
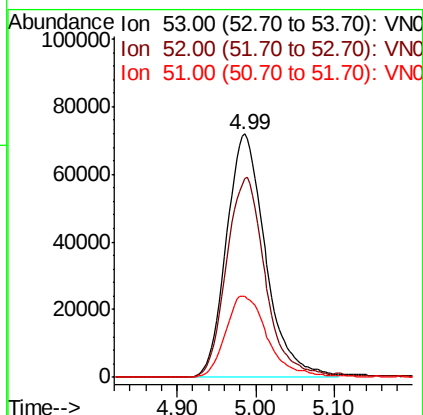
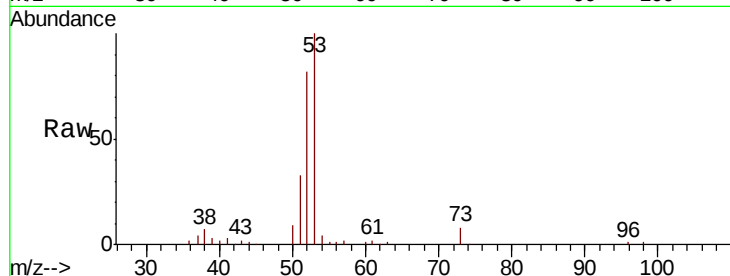




#15
 Acrylonitrile
 Concen: 92.052 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

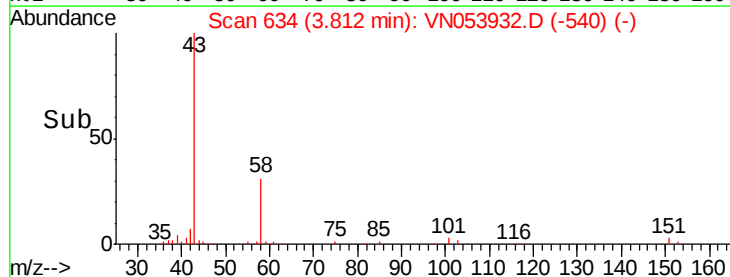
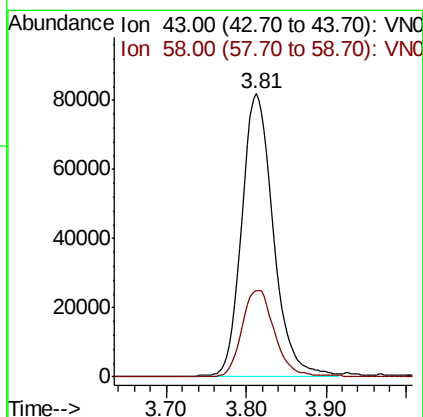
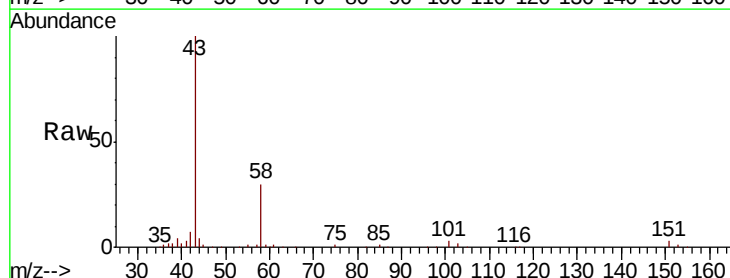
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

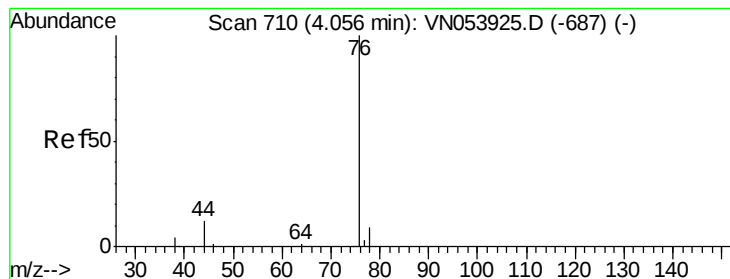
Tgt Ion: 53 Resp: 249556
 Ion Ratio Lower Upper
 53 100
 52 81.4 65.1 97.7
 51 35.7 28.2 42.4



#16
 Acetone
 Concen: 93.801 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 43 Resp: 217788
 Ion Ratio Lower Upper
 43 100
 58 30.5 27.6 41.4





#17

Carbon Disulfide

Concen: 18.624 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

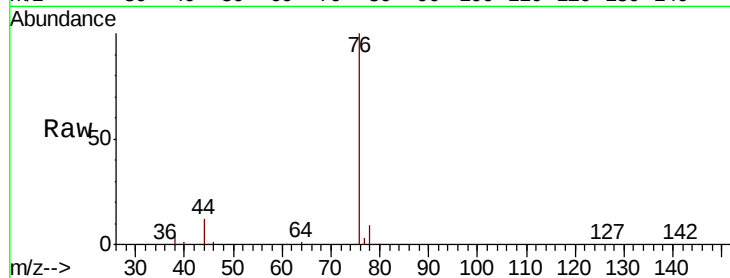
VN0225WBS01

Tgt Ion: 76 Resp: 410544

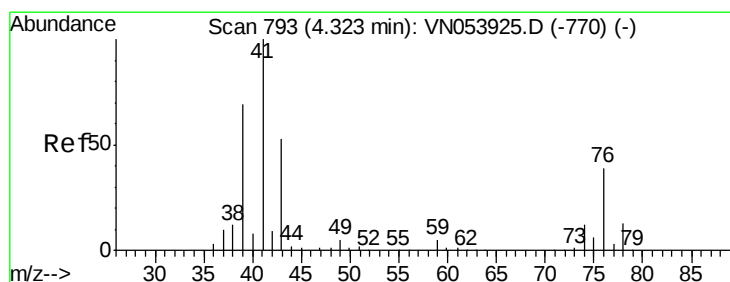
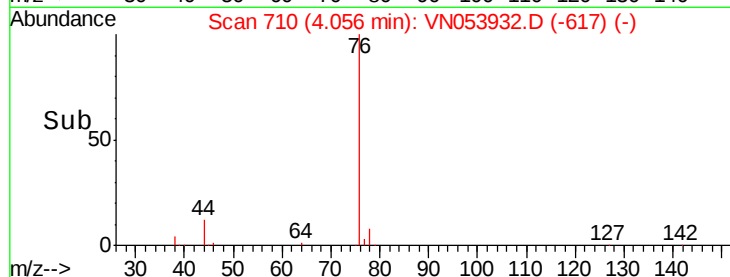
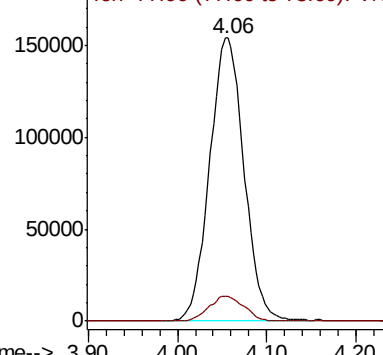
Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 18.348 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053932.D

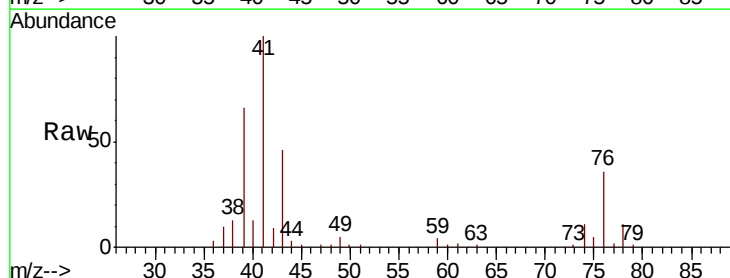
Acq: 25 Feb 2019 16:29

Tgt Ion: 43 Resp: 104101

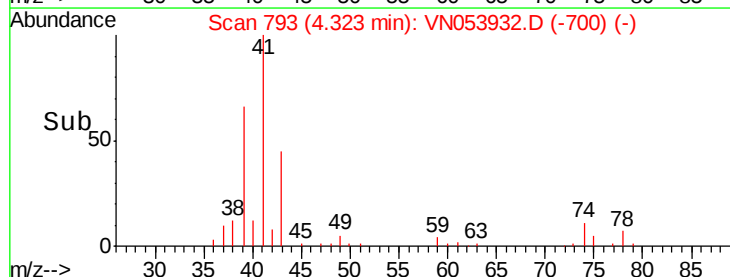
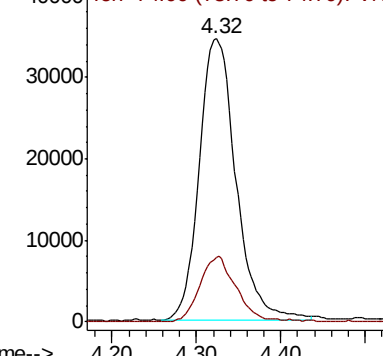
Ion Ratio Lower Upper

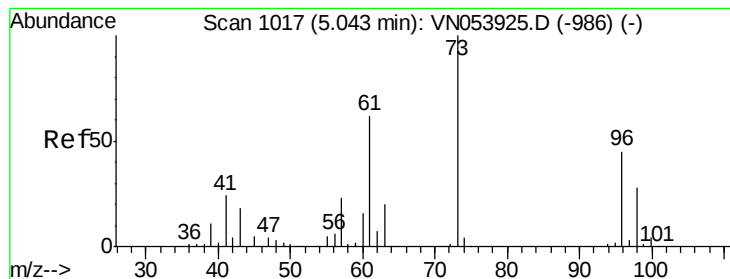
43 100

74 23.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



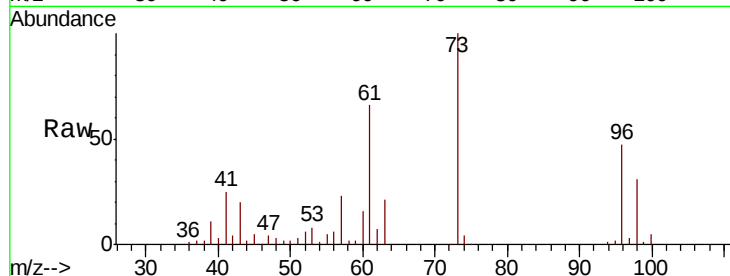


#19

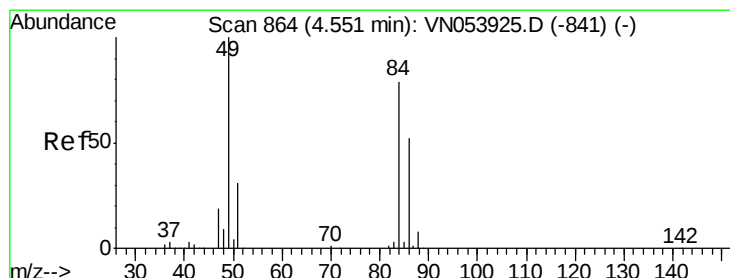
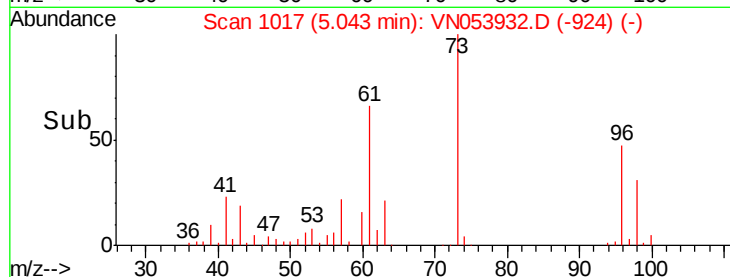
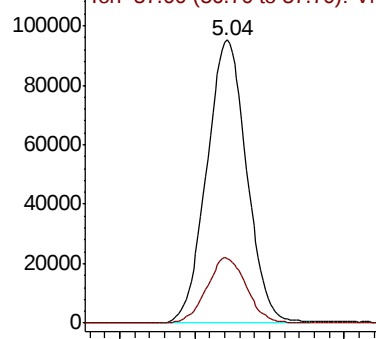
Methyl tert-butyl Ether
 Concen: 19.304 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

Tgt Ion: 73 Resp: 353853
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.0 27.0



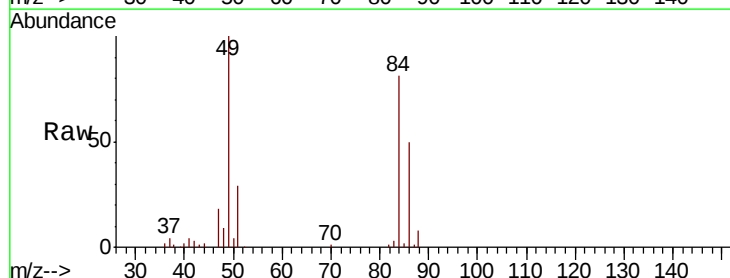
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



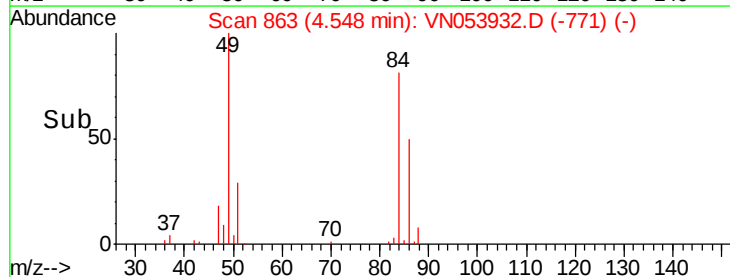
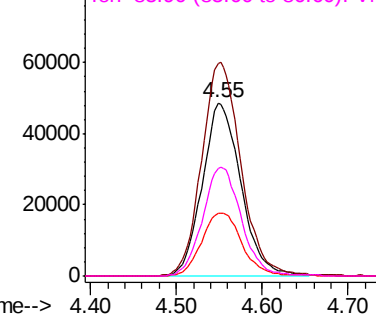
#20

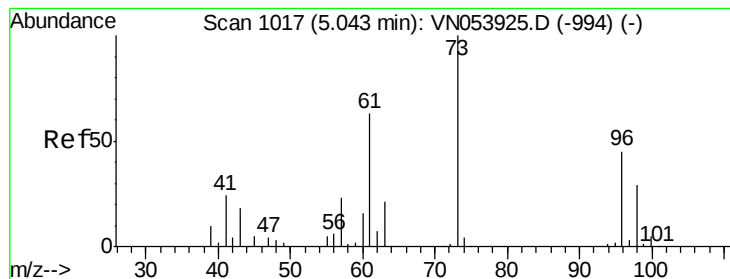
Methylene Chloride
 Concen: 18.871 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 84 Resp: 151550
 Ion Ratio Lower Upper
 84 100
 49 122.6 89.7 134.5
 51 36.0 27.8 41.8
 86 61.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.095 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

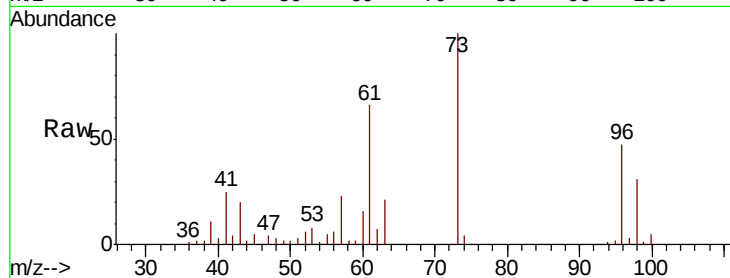
Tgt Ion: 96 Resp: 141216

Ion Ratio Lower Upper

96 100

61 141.1 104.5 156.7

98 65.1 50.6 76.0

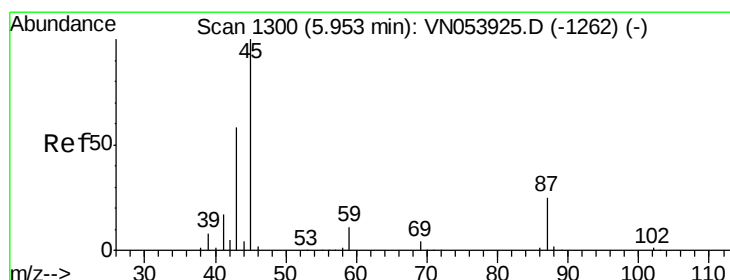
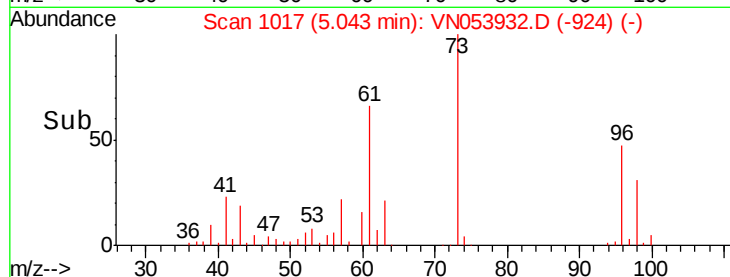
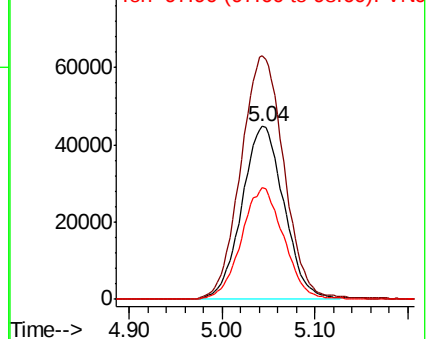


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.873 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Tgt Ion: 45 Resp: 459470

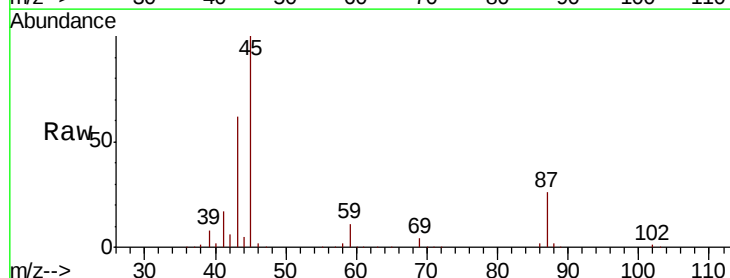
Ion Ratio Lower Upper

45 100

43 60.4 46.2 69.4

87 25.1 23.4 35.0

59 11.1 9.4 14.0



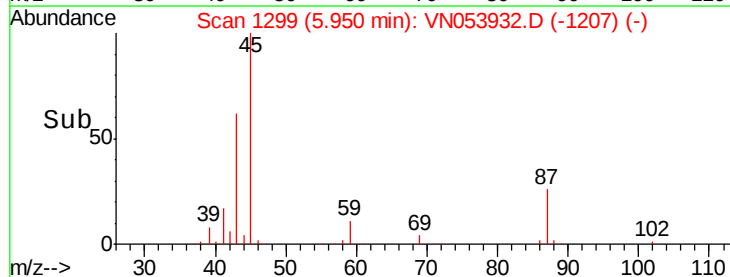
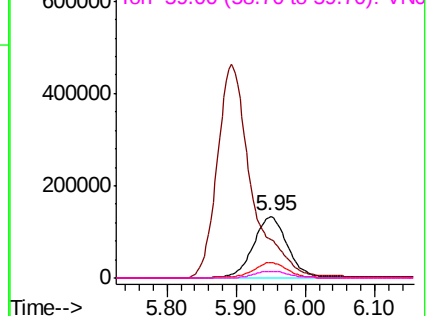
Abundance

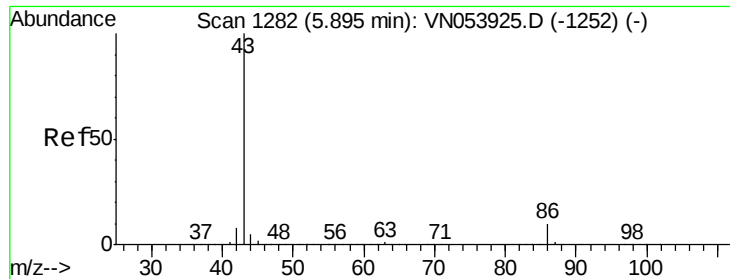
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 96.405 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

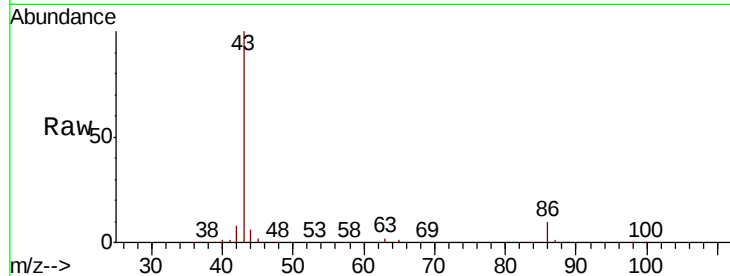
VN0225WBS01

Tgt Ion: 43 Resp: 1603449

Ion Ratio Lower Upper

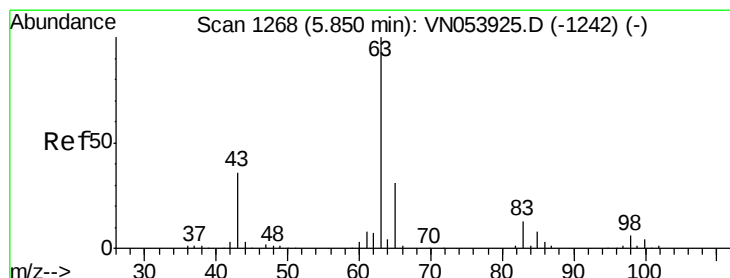
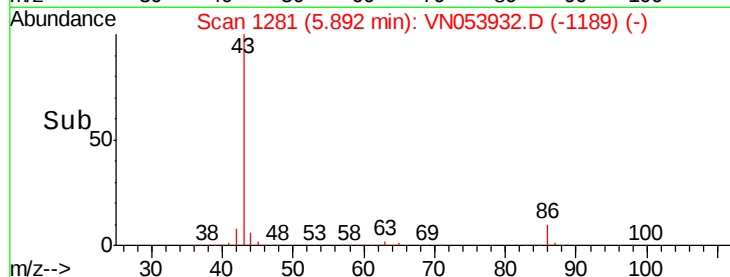
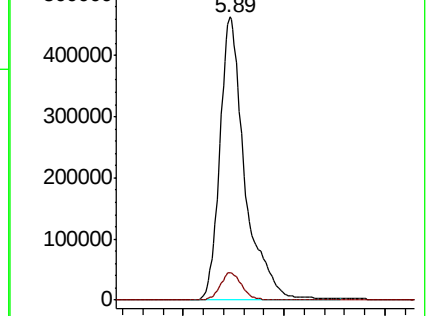
43 100

86 9.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.274 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

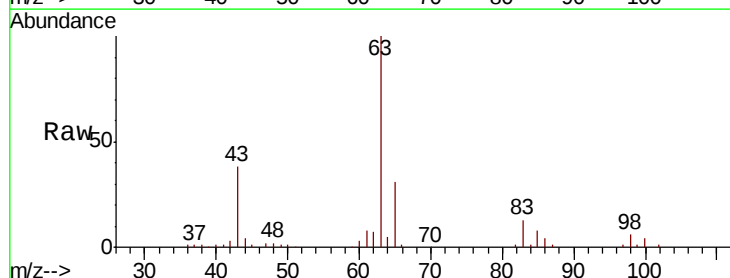
Tgt Ion: 63 Resp: 273276

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

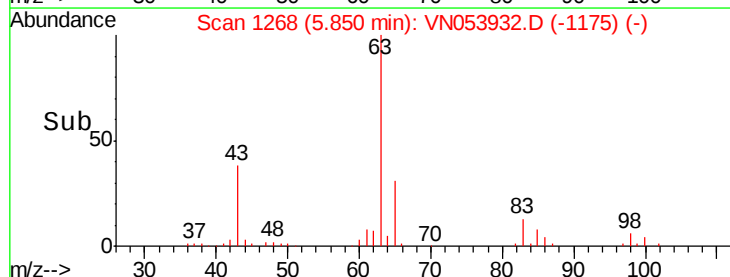
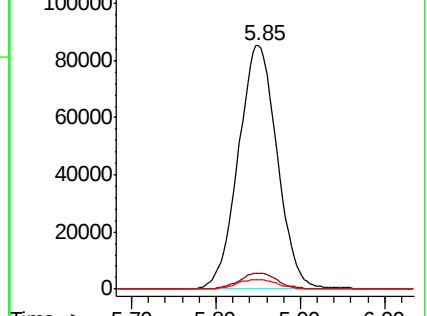
100 3.8 2.2 6.6

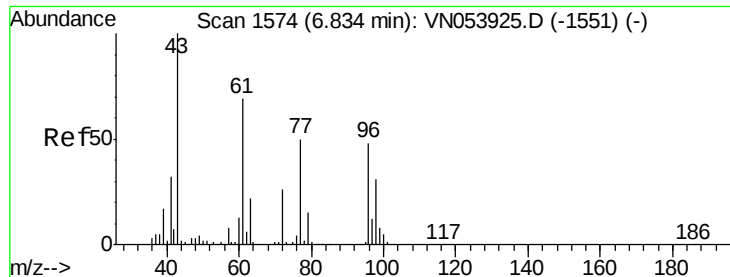


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 90.638 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

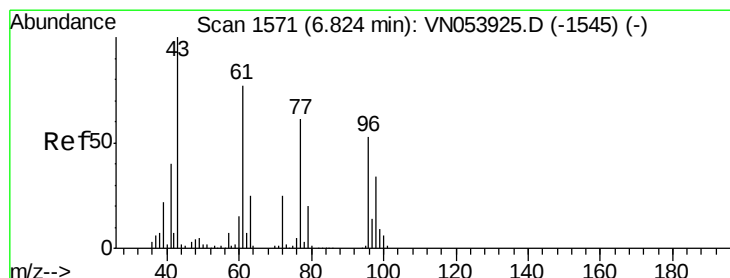
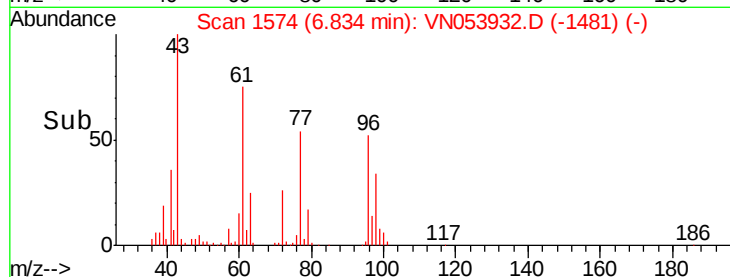
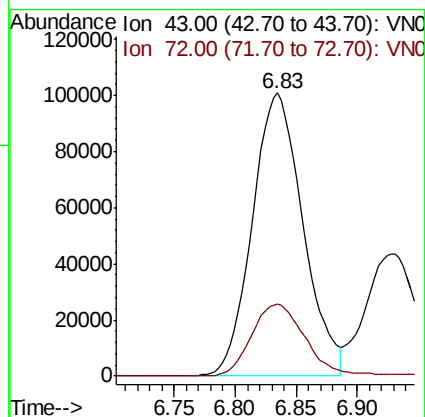
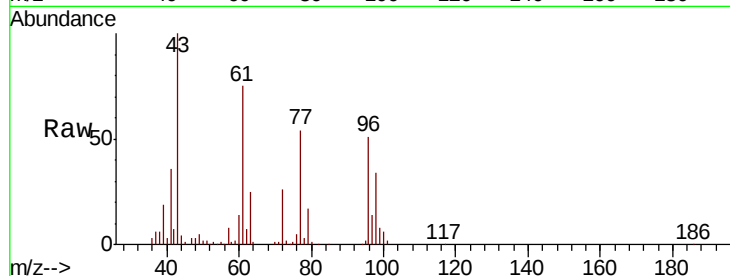
VN0225WBS01

Tgt Ion: 43 Resp: 288770

Ion Ratio Lower Upper

43 100

72 25.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 19.578 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN053932.D

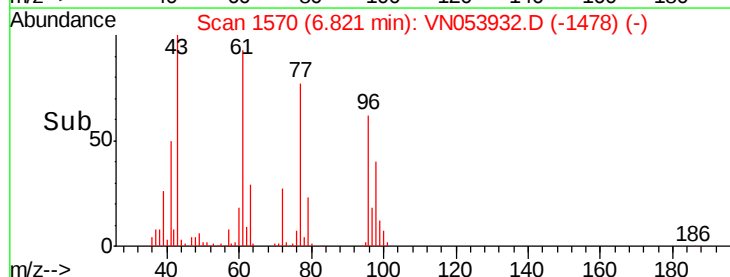
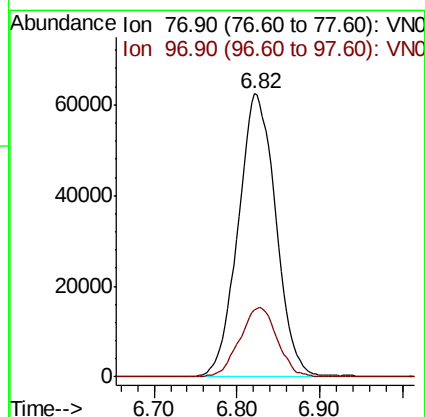
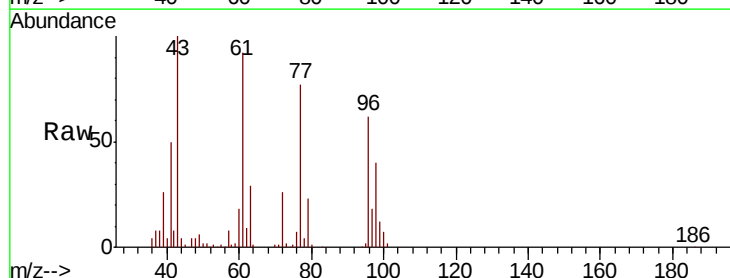
Acq: 25 Feb 2019 16:29

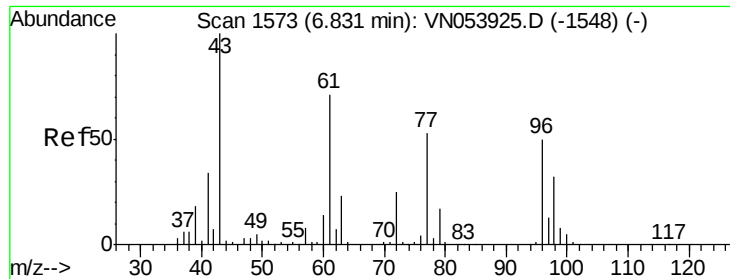
Tgt Ion: 77 Resp: 197216

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.414 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

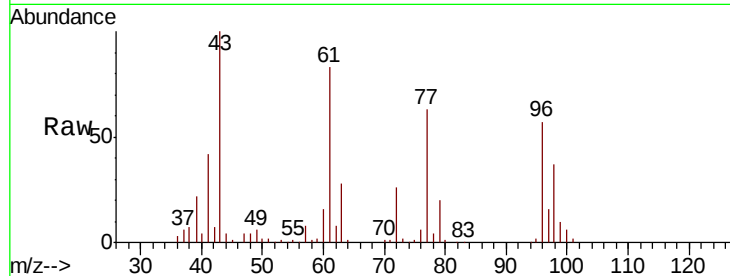
Tgt Ion: 96 Resp: 159672

Ion Ratio Lower Upper

96 100

61 146.3 0.0 275.6

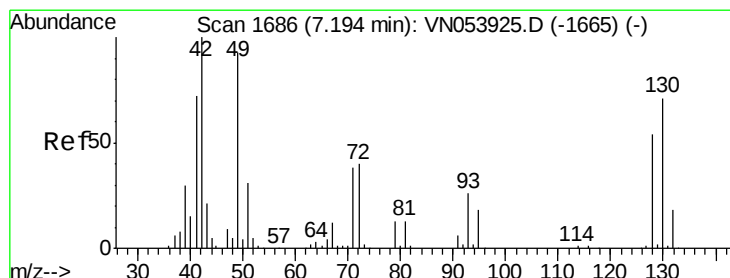
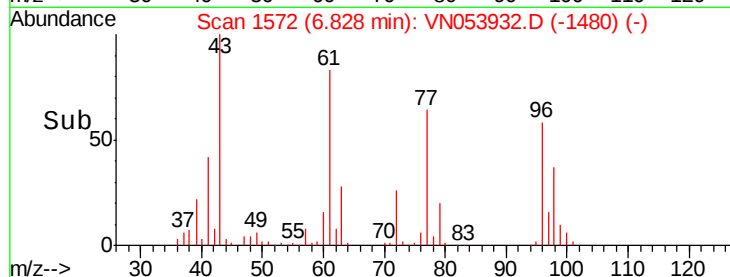
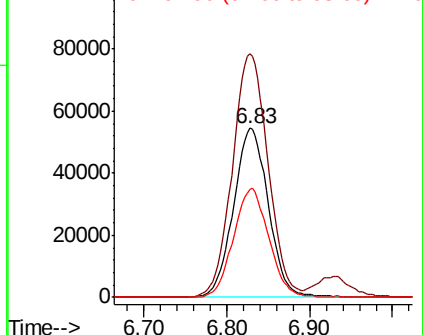
98 65.0 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.964 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

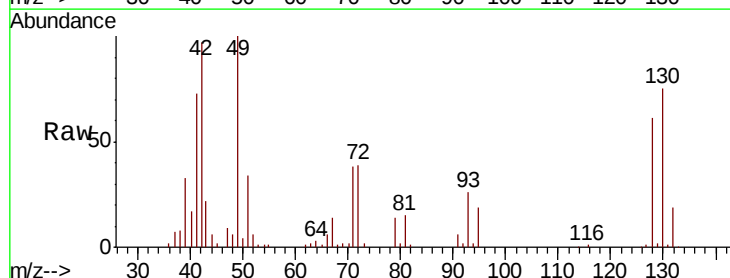
Tgt Ion: 49 Resp: 129562

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

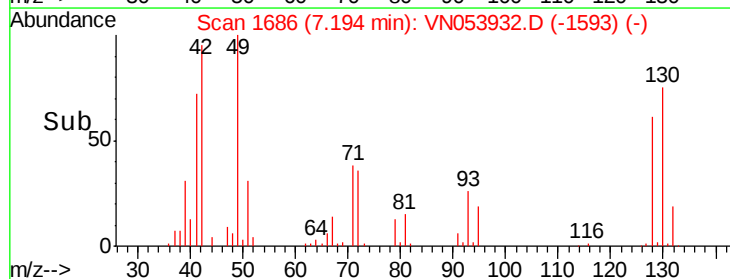
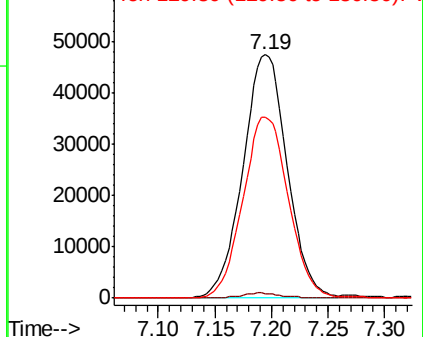
130 76.3 72.9 109.3

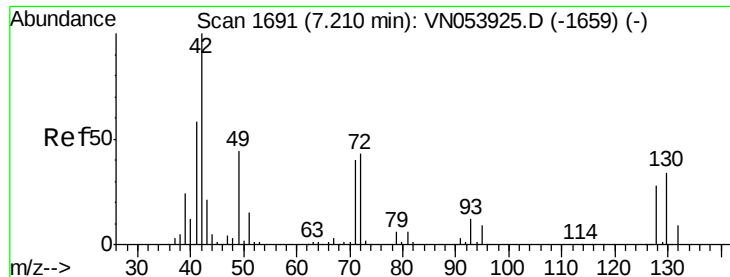


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

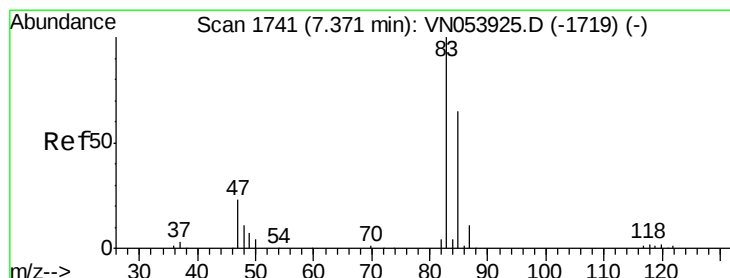
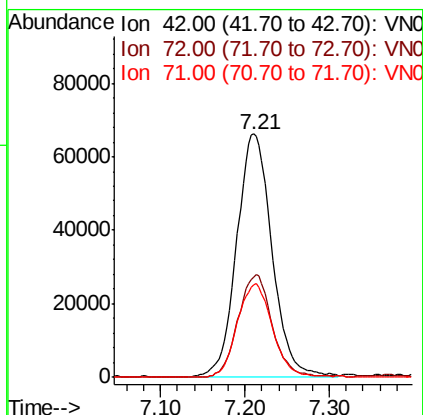
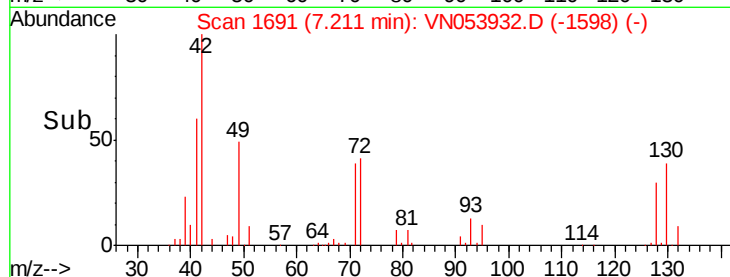
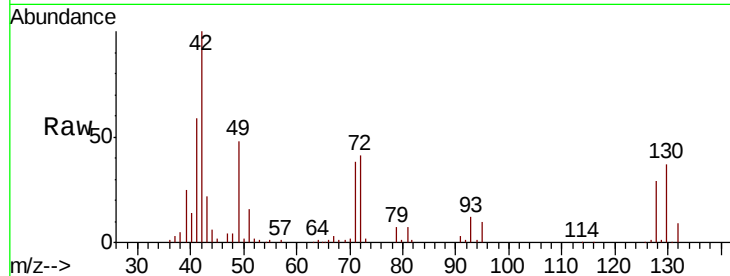




#29
Tetrahydrofuran
Concen: 90.375 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

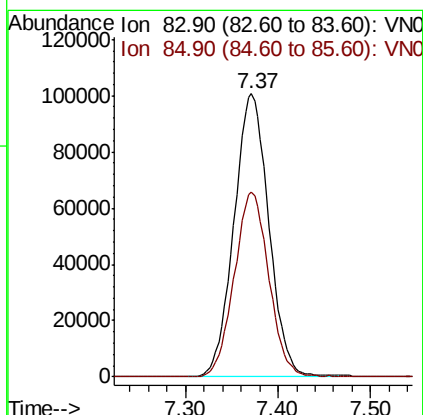
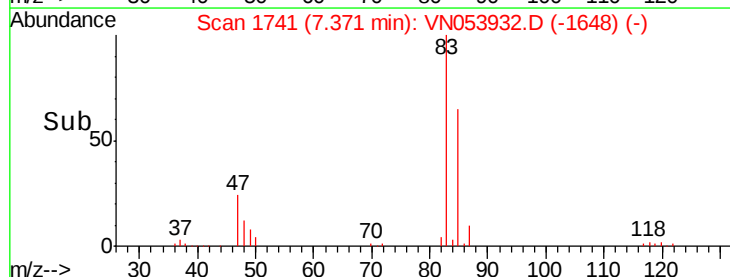
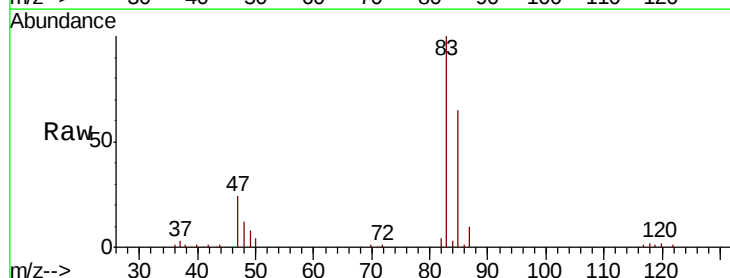
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

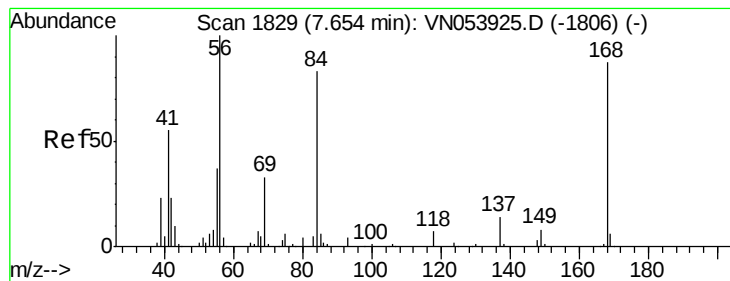
Tgt Ion: 42 Resp: 191742
Ion Ratio Lower Upper
42 100
72 41.2 36.9 55.3
71 38.6 34.6 52.0



#30
Chloroform
Concen: 19.113 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion: 83 Resp: 262775
Ion Ratio Lower Upper
83 100
85 65.4 52.6 78.8





#31

Cyclohexane

Concen: 19.830 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

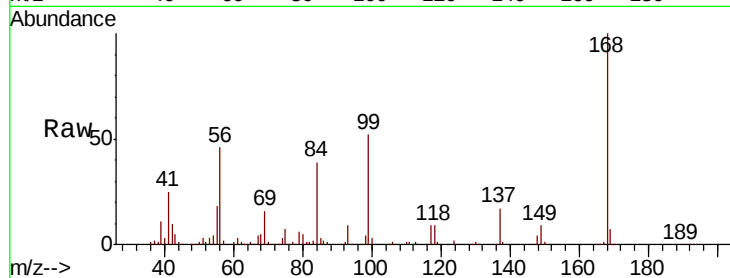
Tgt Ion: 56 Resp: 260507

Ion Ratio Lower Upper

56 100

69 34.3 26.0 39.0

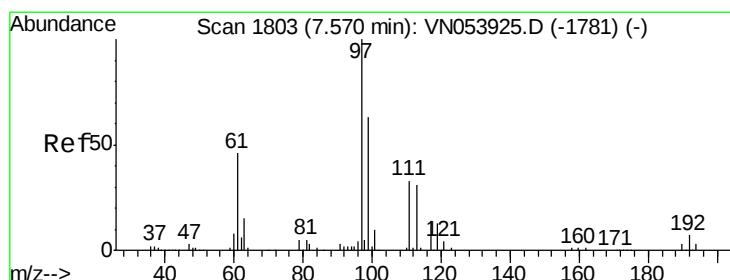
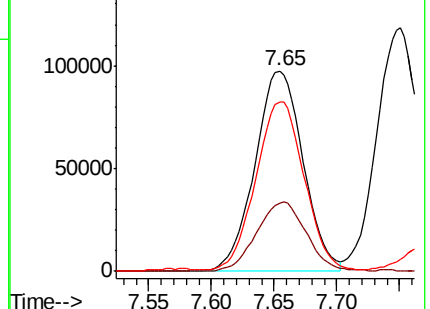
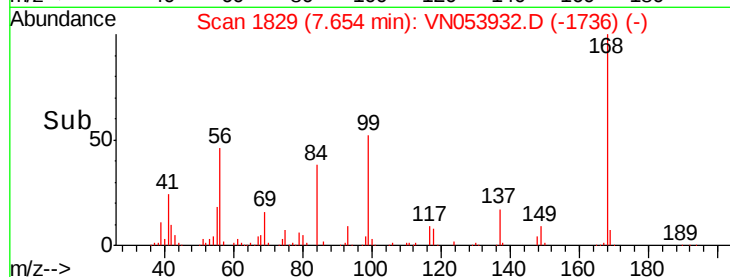
84 83.5 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.179 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

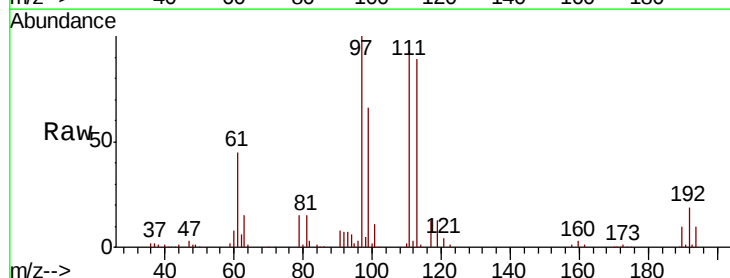
Tgt Ion: 97 Resp: 217414

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

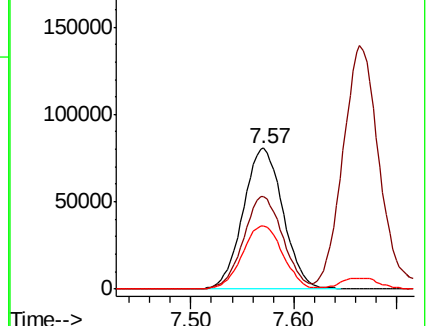
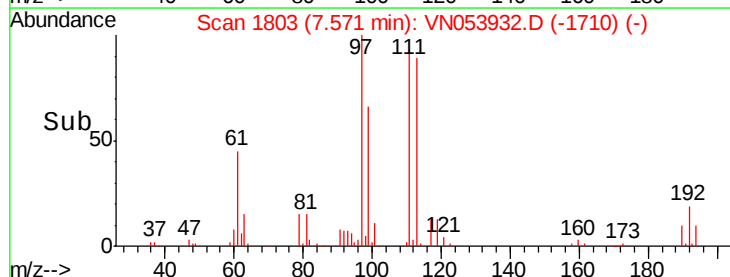
61 45.3 33.2 49.8

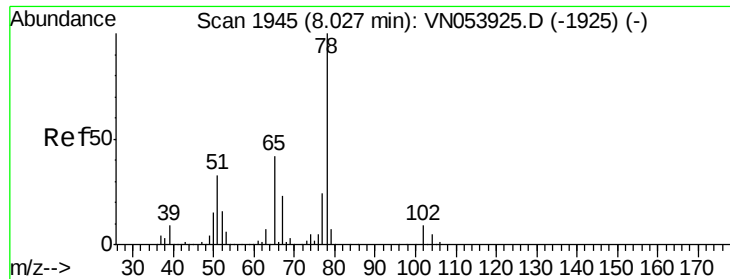


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.268 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

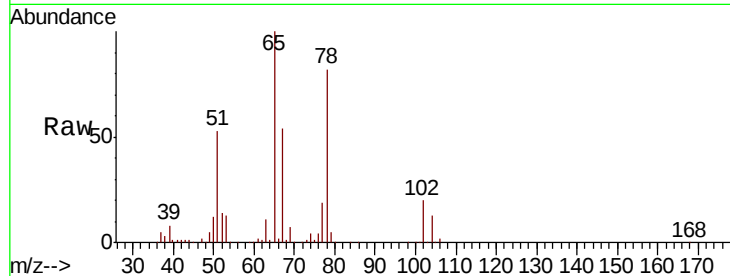
VN0225WBS01

Tgt Ion: 65 Resp: 391651

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

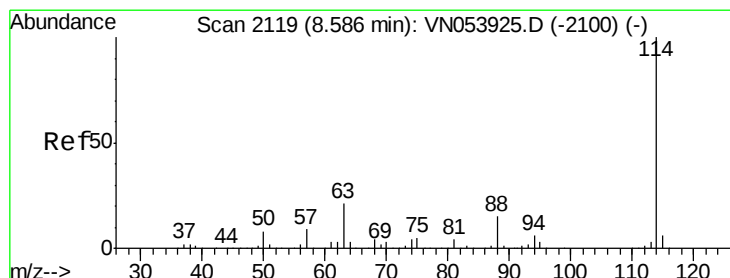
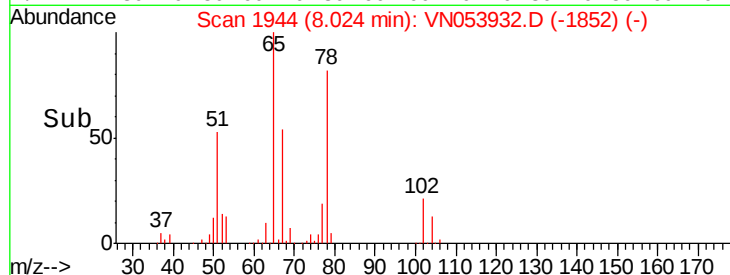
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

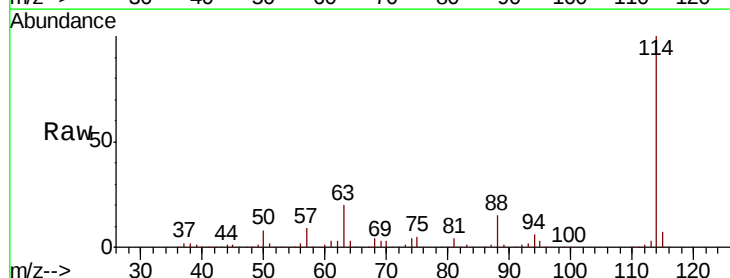
Tgt Ion: 114 Resp: 1087844

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

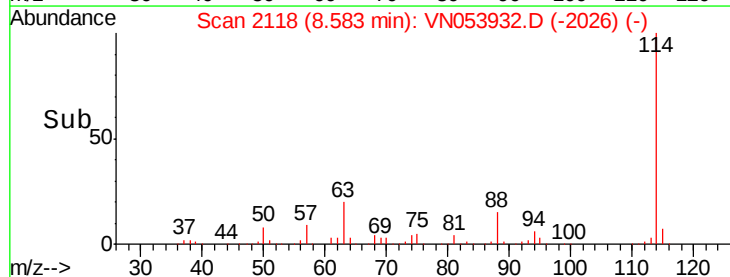
300000

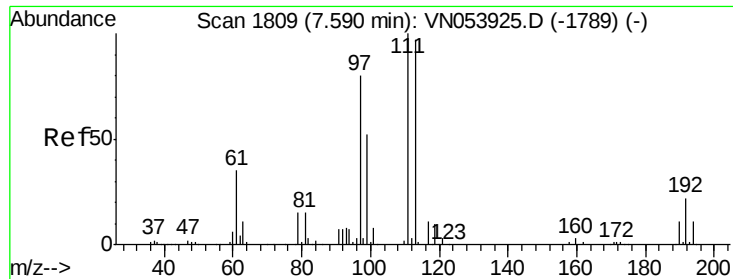
200000

100000

0

Time--> 8.50 8.60 8.70 8.80

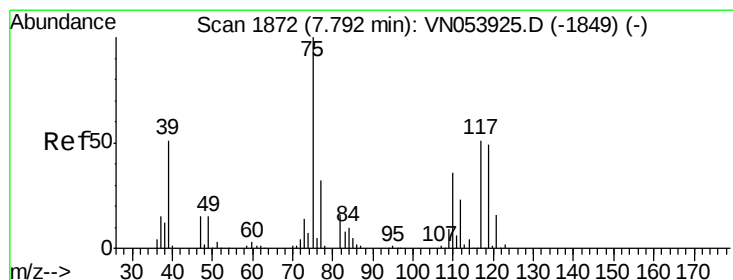
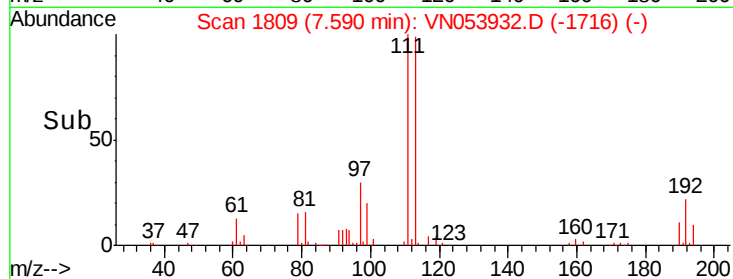
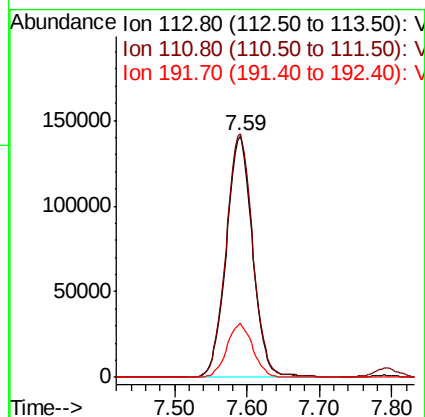
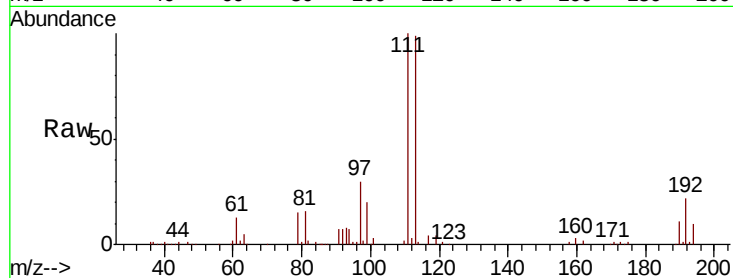




#35
 Dibromofluoromethane
 Concen: 50.463 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

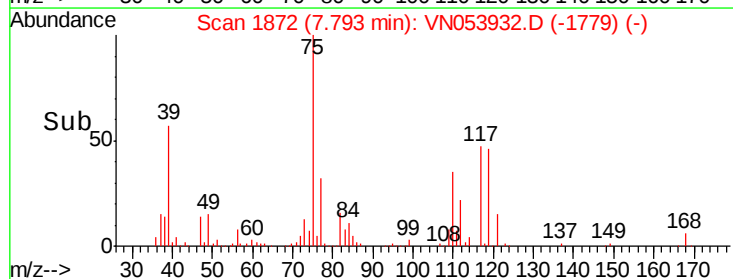
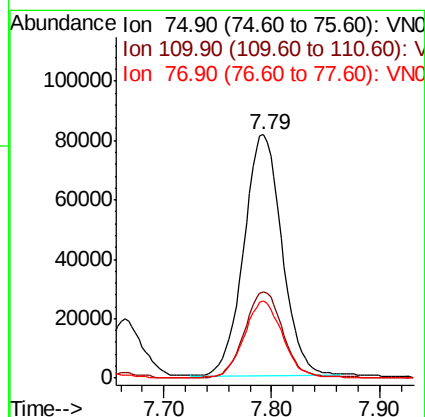
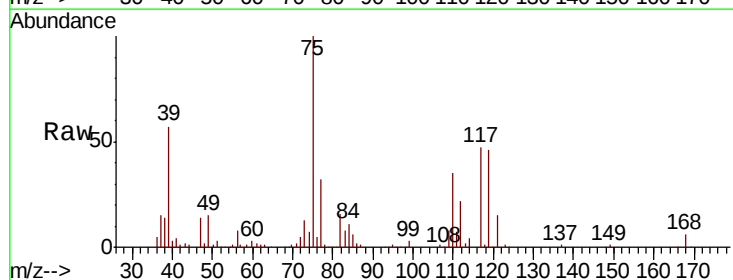
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

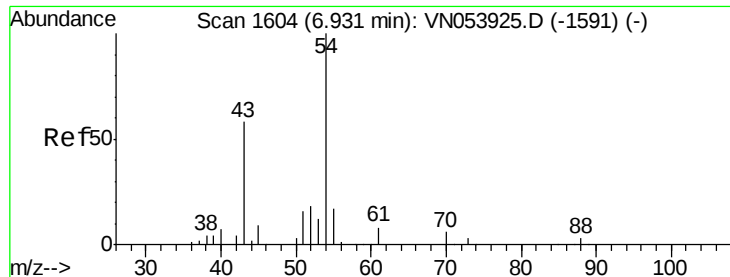
Tgt Ion: 113 Resp: 354987
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 22.0 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 19.804 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 75 Resp: 200344
 Ion Ratio Lower Upper
 75 100
 110 36.1 19.0 57.0
 77 32.3 25.4 38.0

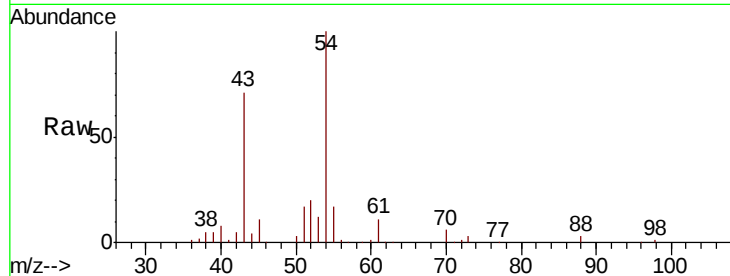




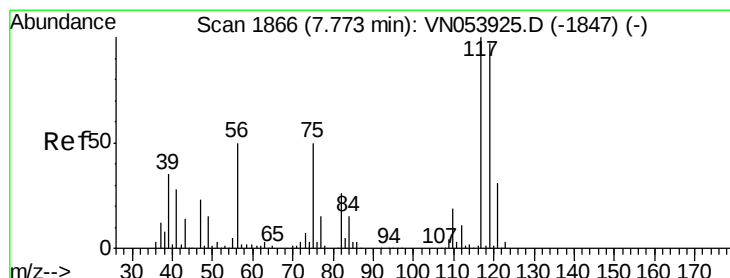
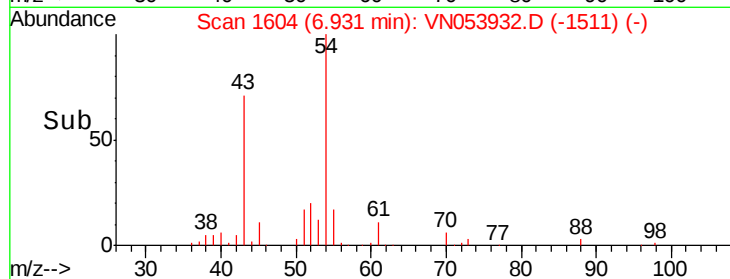
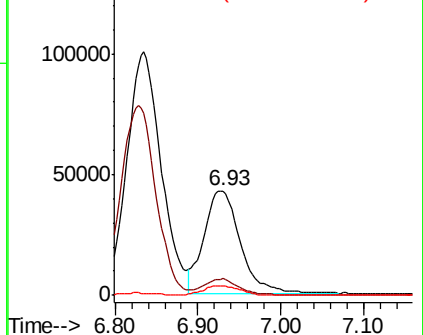
#37
Ethyl Acetate
Concen: 18.229 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Instrument :
MSVOA_N
ClientSampled :
VN0225WBS01

Tgt Ion: 43 Resp: 131676
Ion Ratio Lower Upper
43 100
61 15.6 12.0 18.0
70 9.5 8.7 13.1

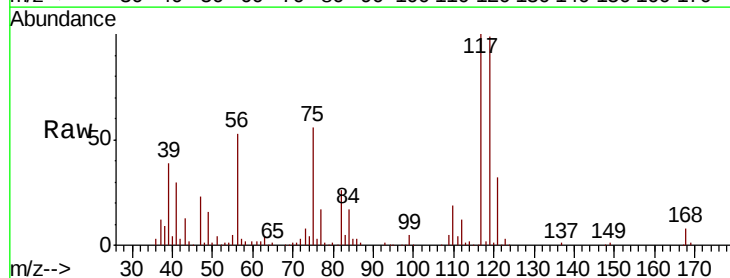


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

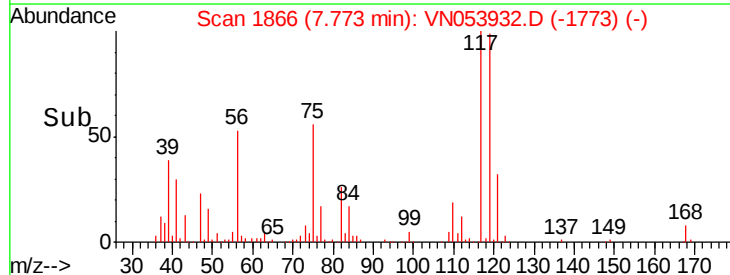
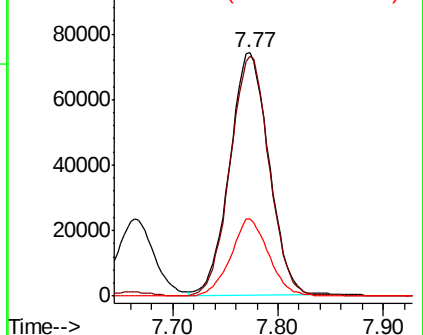


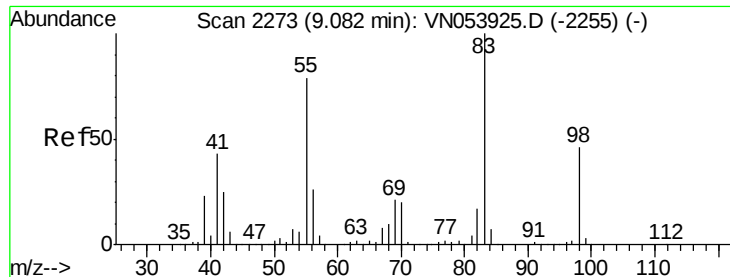
#38
Carbon Tetrachloride
Concen: 18.149 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion: 117 Resp: 190952
Ion Ratio Lower Upper
117 100
119 99.0 76.2 114.2
121 31.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

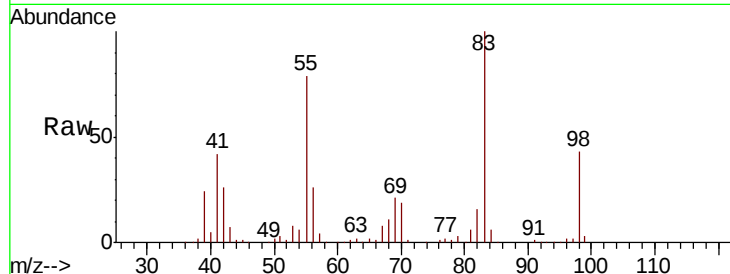




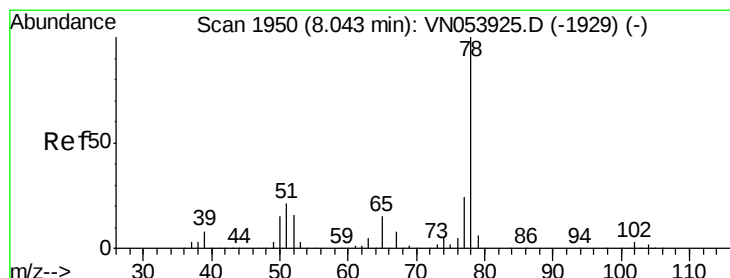
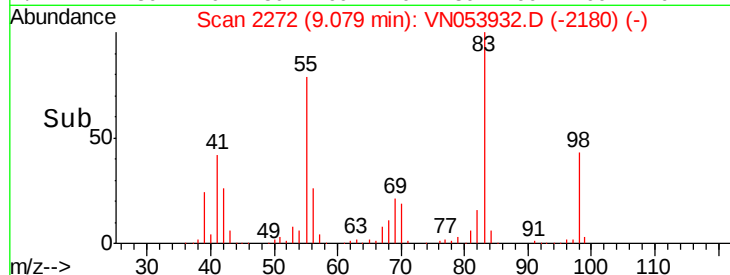
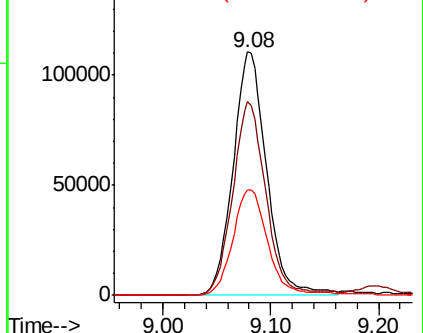
#39
Methylcyclohexane
Concen: 19.667 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 83 Resp: 239813
Ion Ratio Lower Upper
83 100
55 79.4 58.2 87.4
98 43.5 37.2 55.8

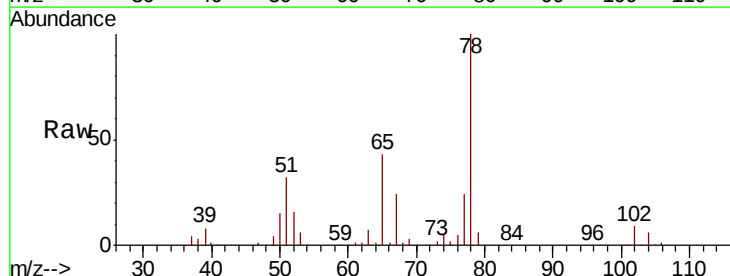


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

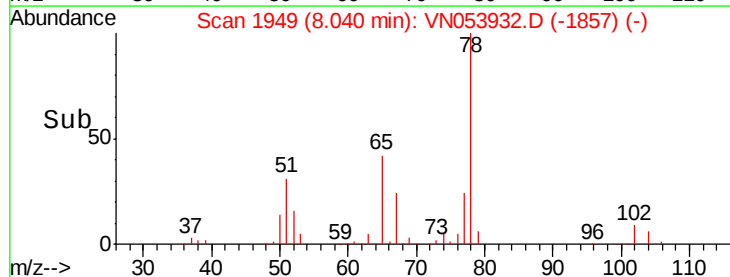
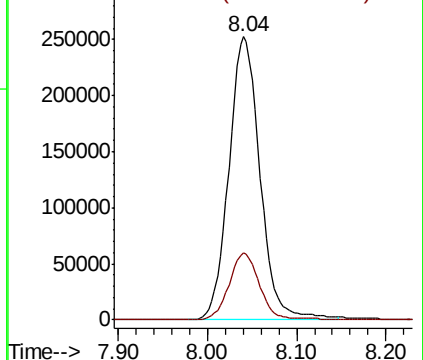


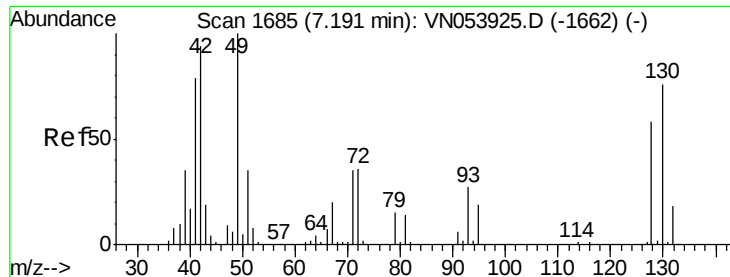
#40
Benzene
Concen: 19.665 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion: 78 Resp: 611161
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 12.078 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.03 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

Tgt Ion: 41 Resp: 56179

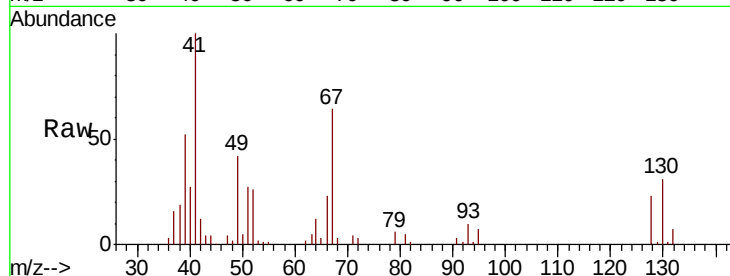
Ion Ratio Lower Upper

41 100

39 64.1 0.0 0.0#

67 100.0 0.0 0.0#

52 40.8 0.0 0.0#

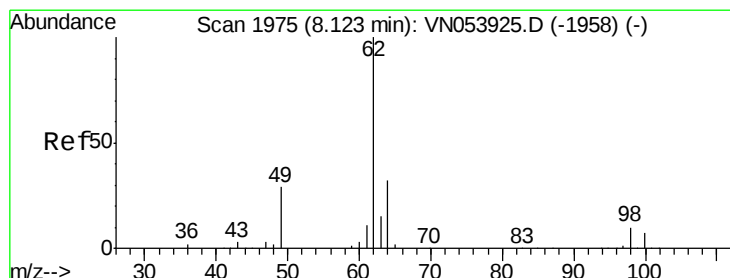
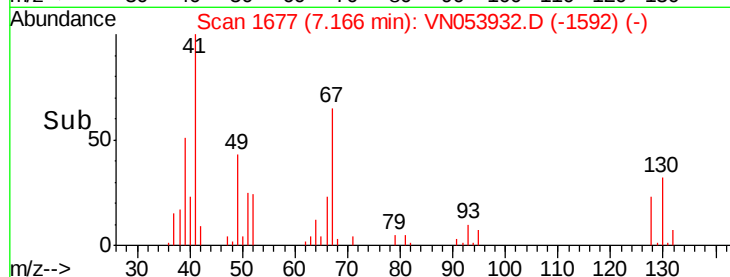
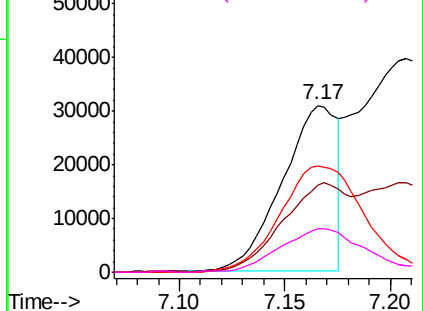


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.415 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053932.D

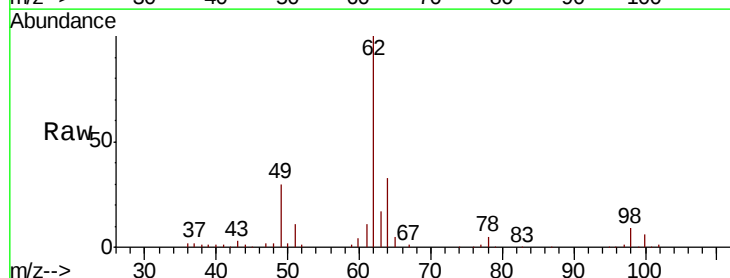
Acq: 25 Feb 2019 16:29

Tgt Ion: 62 Resp: 186805

Ion Ratio Lower Upper

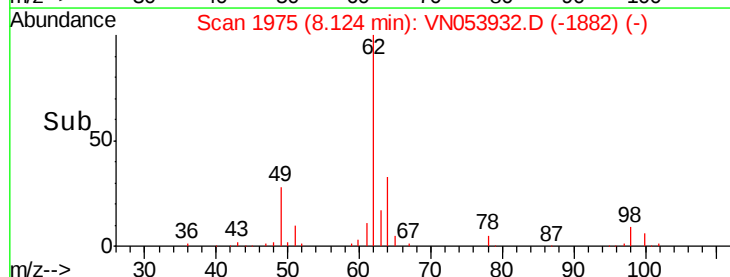
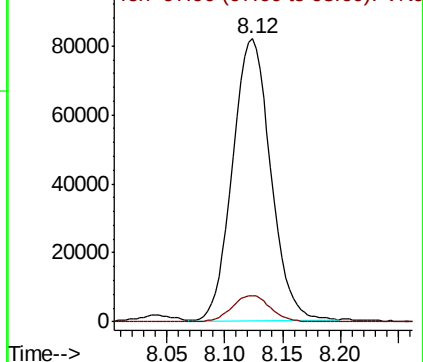
62 100

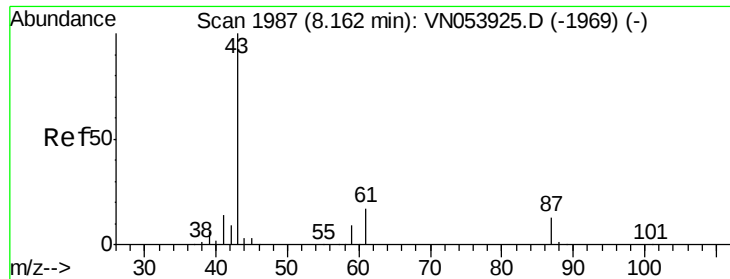
98 9.5 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.821 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

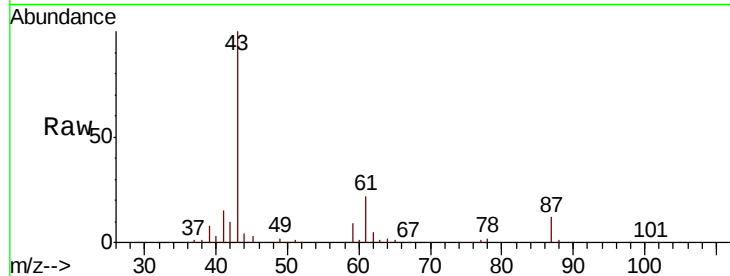
Tgt Ion: 43 Resp: 217357

Ion Ratio Lower Upper

43 100

61 29.0 17.4 26.0#

87 12.7 11.5 17.3

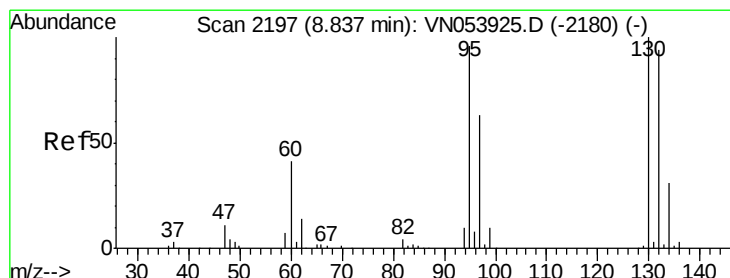
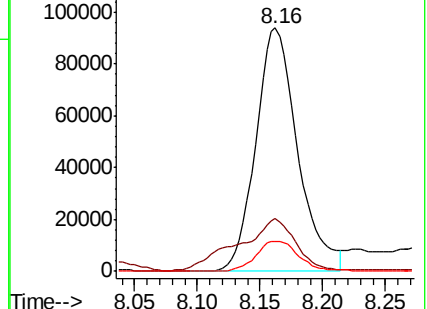
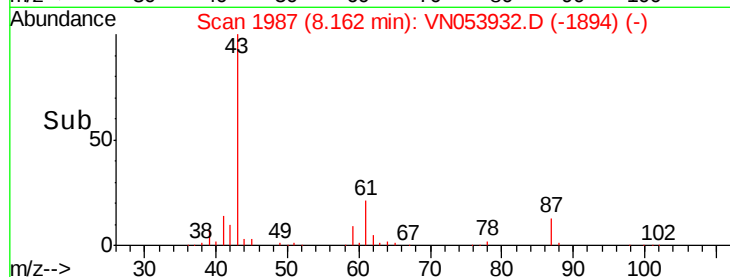


Abundance Ion 43.00 (42.70 to 43.70): VN053932.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053932.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053932.D (-1969) (-)

Time-->



#44

Trichloroethene

Concen: 19.553 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053932.D

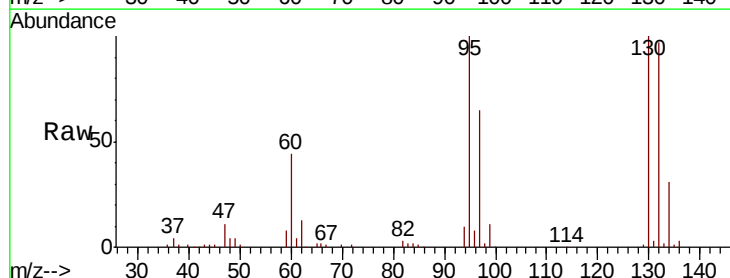
Acq: 25 Feb 2019 16:29

Tgt Ion: 130 Resp: 161105

Ion Ratio Lower Upper

130 100

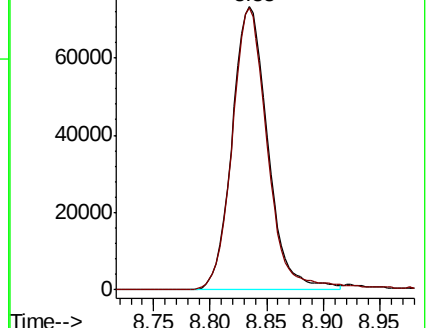
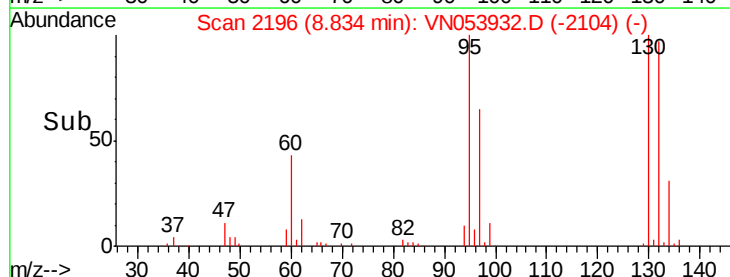
95 99.9 0.0 190.0

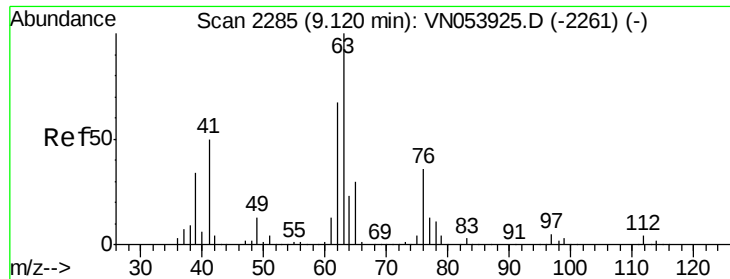


Abundance Ion 129.80 (129.50 to 130.50): VN053932.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053932.D (-2180) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 19.840 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

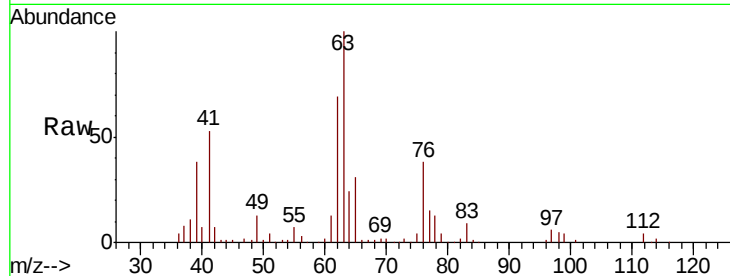
VN0225WBS01

Tgt Ion: 63 Resp: 166352

Ion Ratio Lower Upper

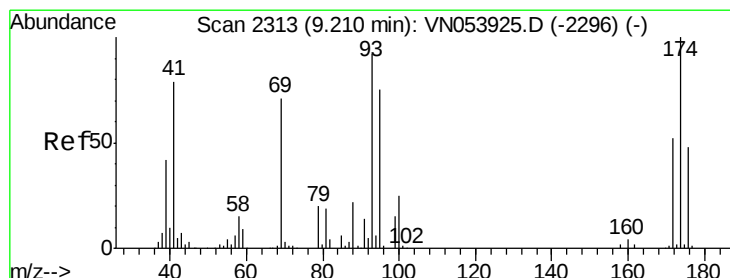
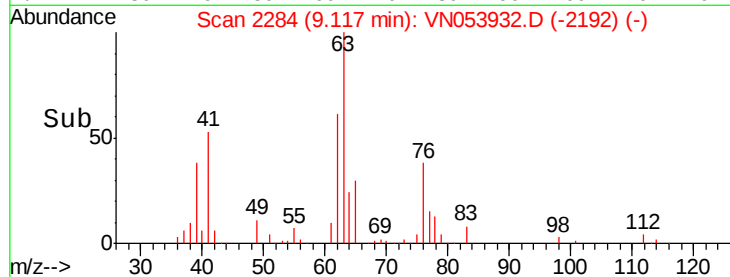
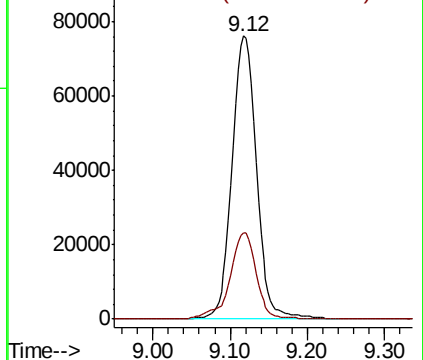
63 100

65 30.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.467 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

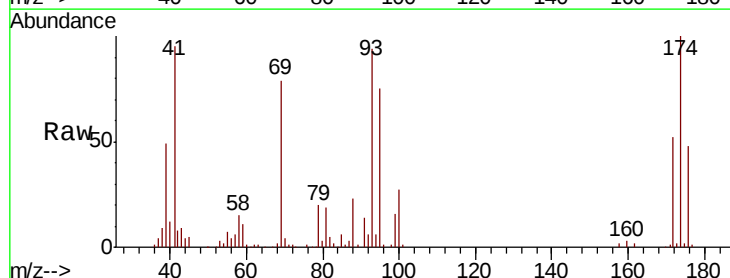
Tgt Ion: 93 Resp: 94764

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

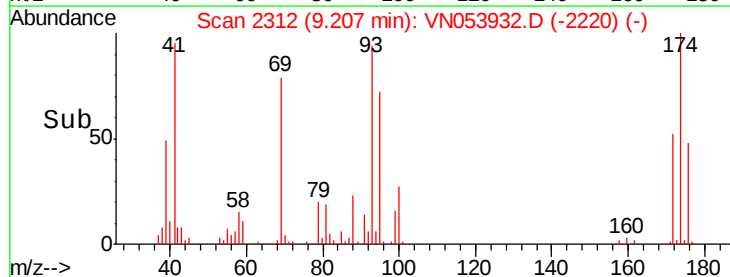
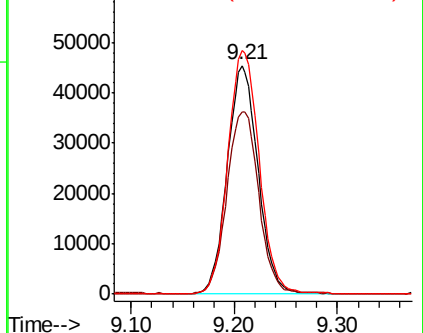
174 108.3 96.2 144.4

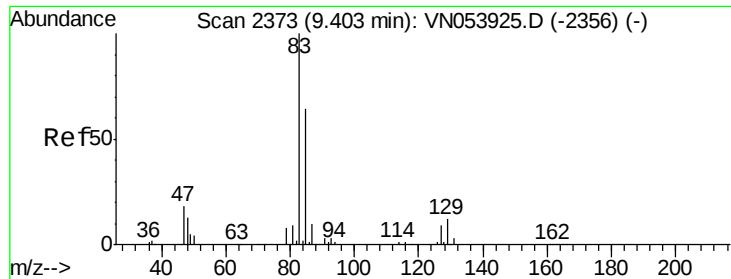


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

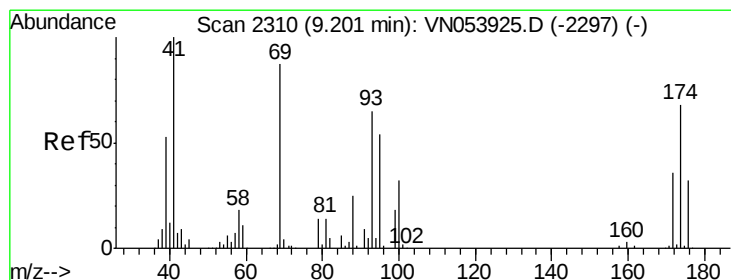
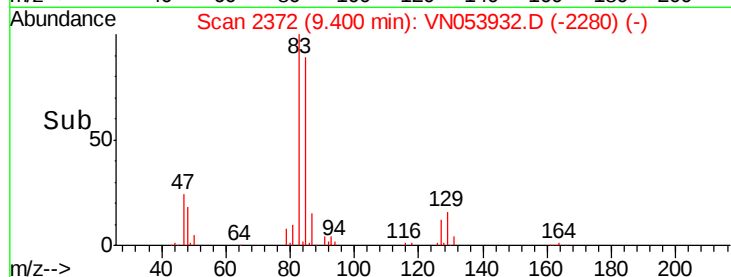
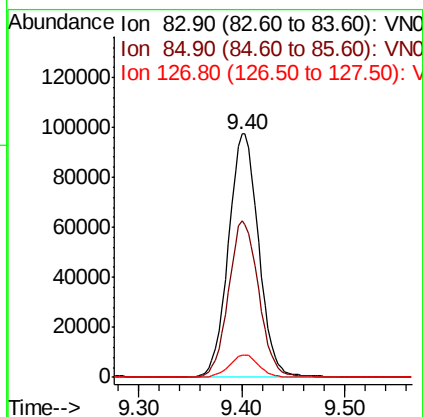
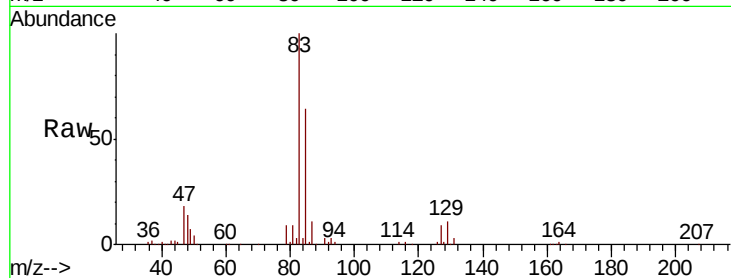




#47
Bromodichloromethane
Concen: 19.386 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

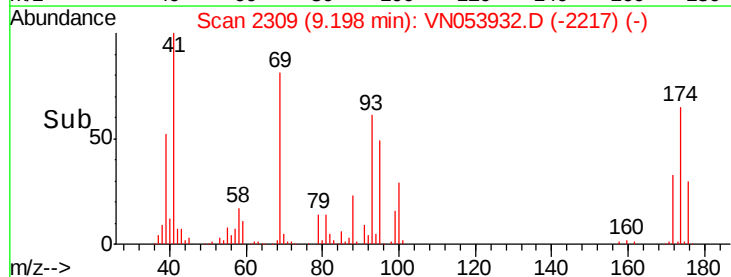
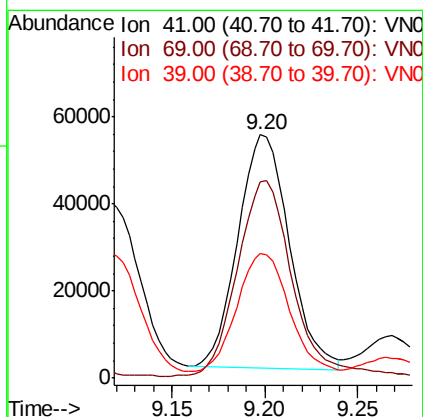
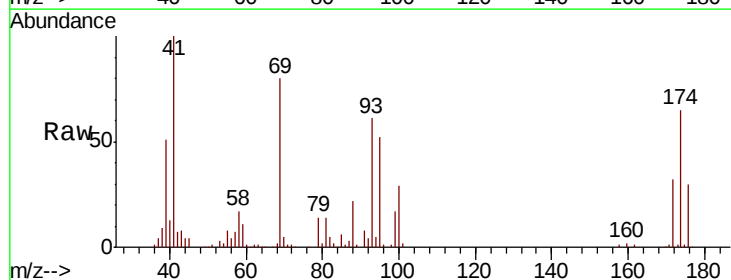
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

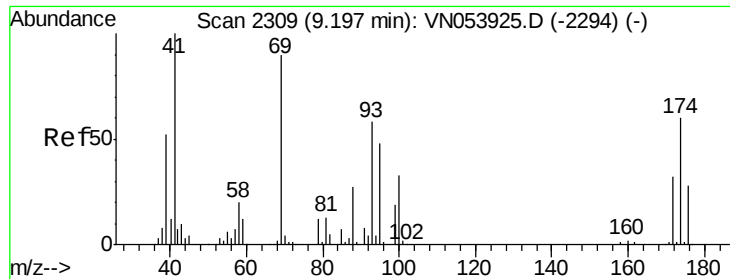
Tgt Ion: 83 Resp: 198870
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 18.480 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion: 41 Resp: 103673
Ion Ratio Lower Upper
41 100
69 91.8 74.8 112.2
39 56.9 39.0 58.6

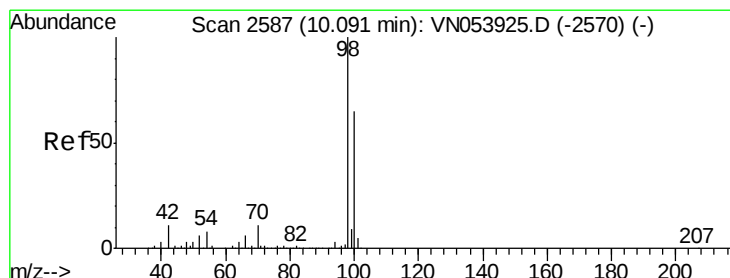
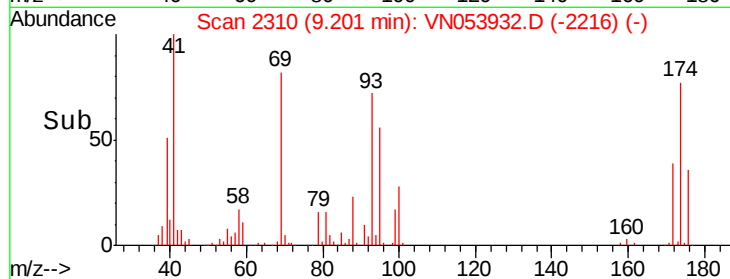
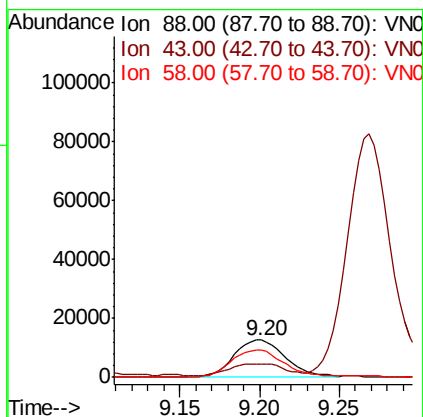
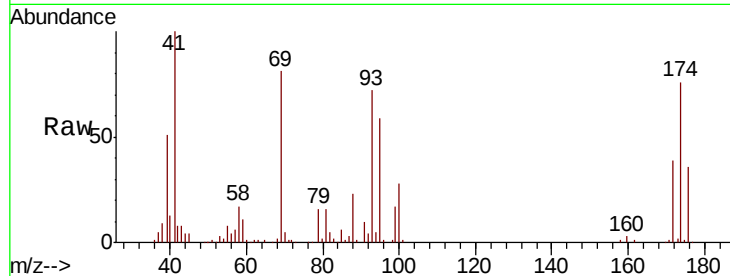




#49
 1,4-Dioxane
 Concen: 371.263 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

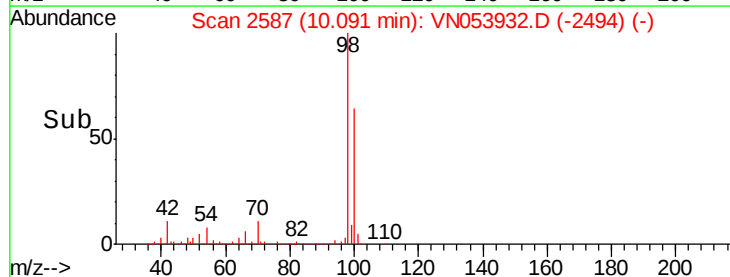
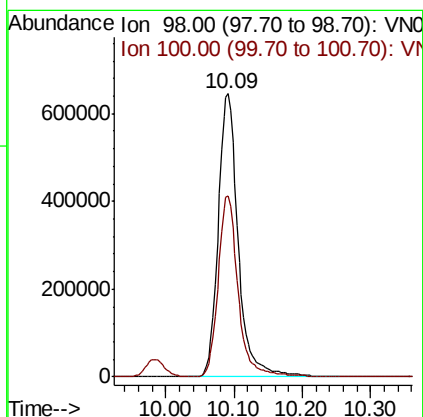
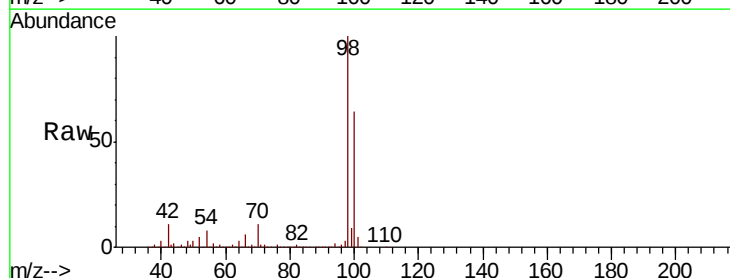
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0225WBS01

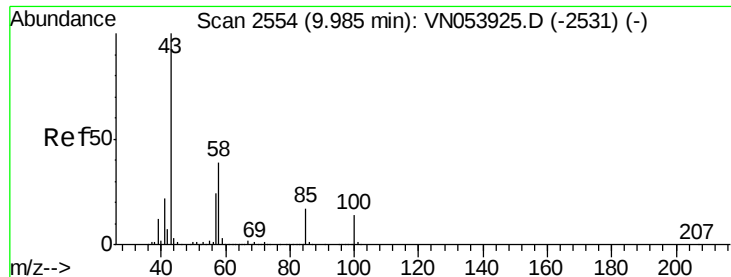
Tgt Ion: 88 Resp: 28210
 Ion Ratio Lower Upper
 88 100
 43 32.2 21.2 31.8#
 58 74.2 54.2 81.2



#50
 Toluene-d8
 Concen: 50.041 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 98 Resp: 1310407
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.9 77.9

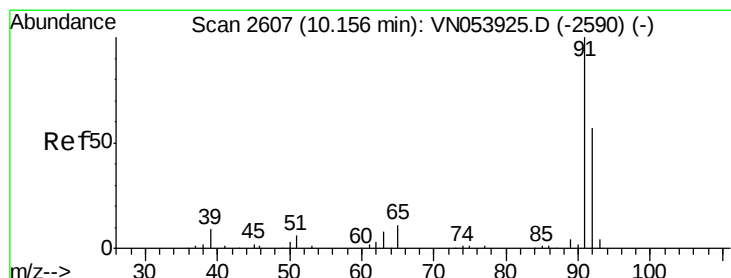
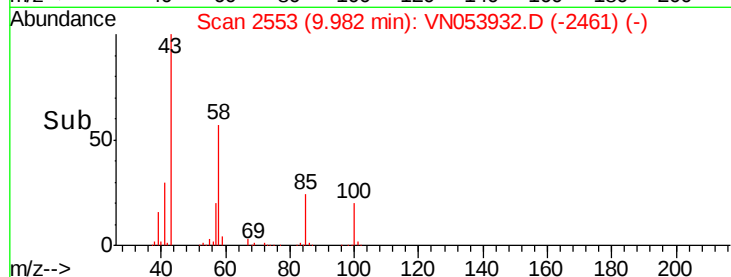
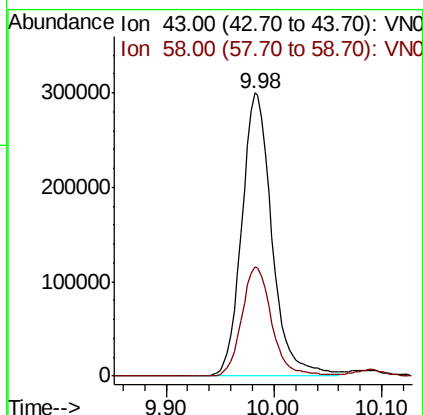
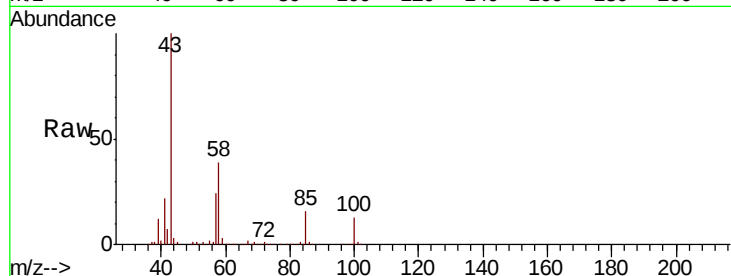




#51
 4-Methyl-2-Pentanone
 Concen: 92.737 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

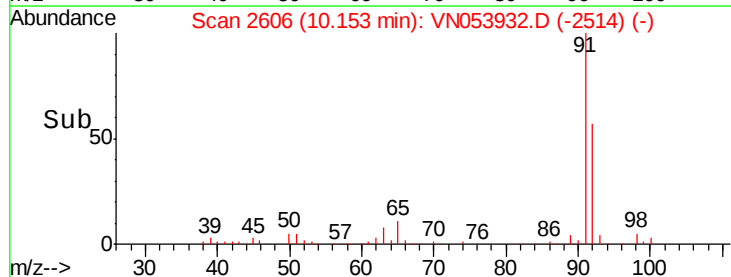
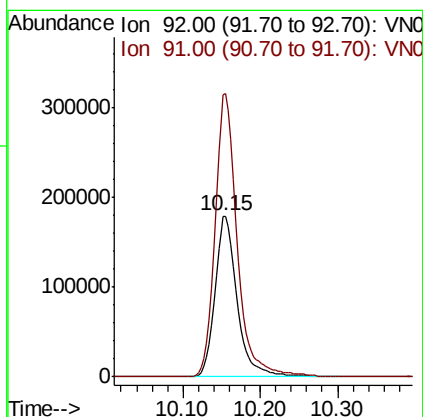
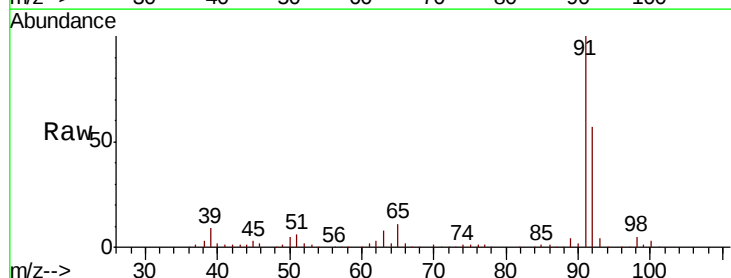
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

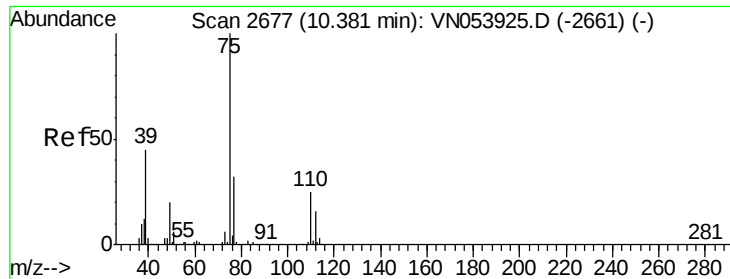
Tgt Ion: 43 Resp: 581216
 Ion Ratio Lower Upper
 43 100
 58 38.5 32.7 49.1



#52
 Toluene
 Concen: 19.833 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 92 Resp: 362943
 Ion Ratio Lower Upper
 92 100
 91 176.2 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 19.224 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

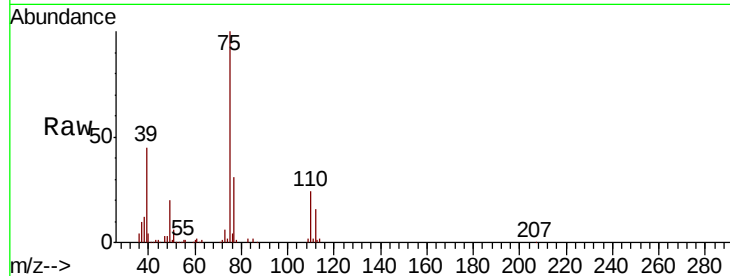
VN0225WBS01

Tgt Ion: 75 Resp: 191885

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

120000

100000

80000

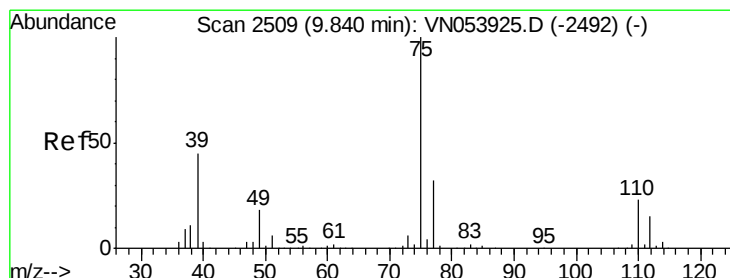
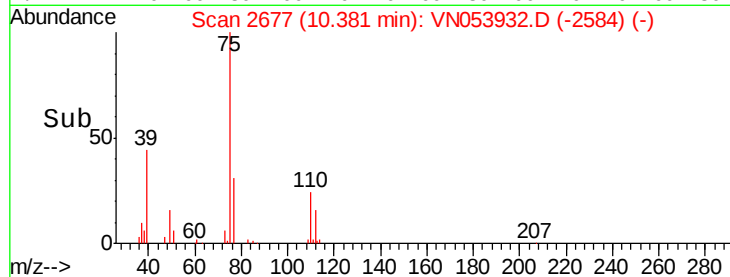
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.603 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

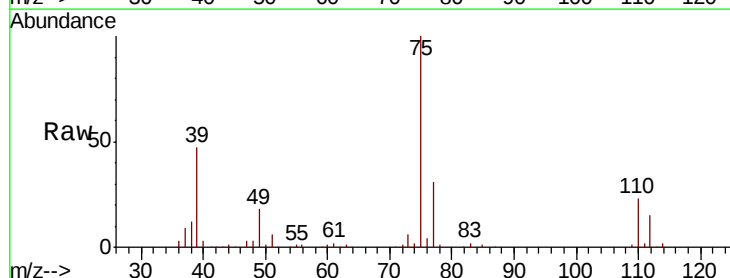
Tgt Ion: 75 Resp: 230665

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 46.5 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

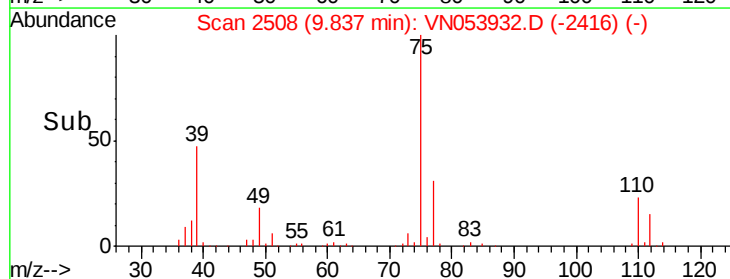
150000

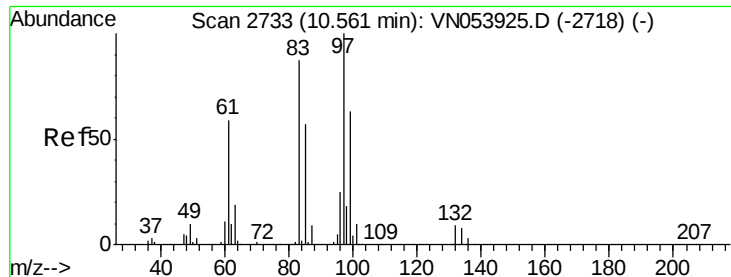
100000

50000

0

Time-->

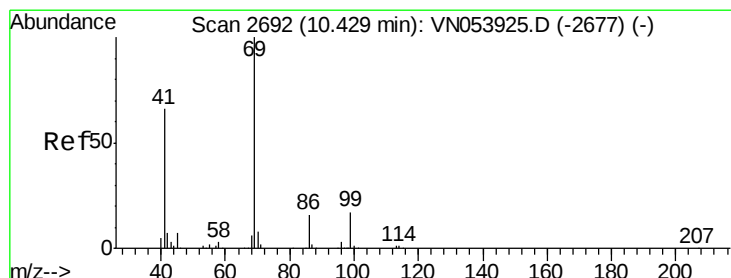
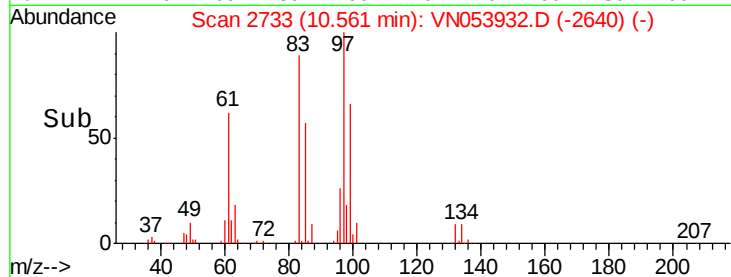
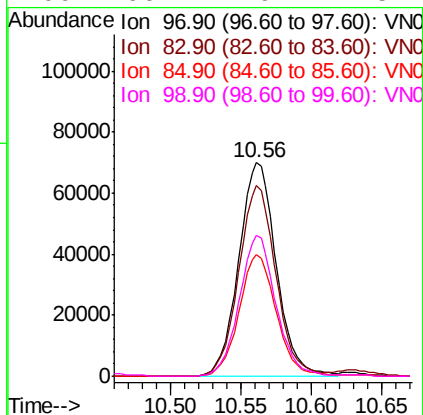
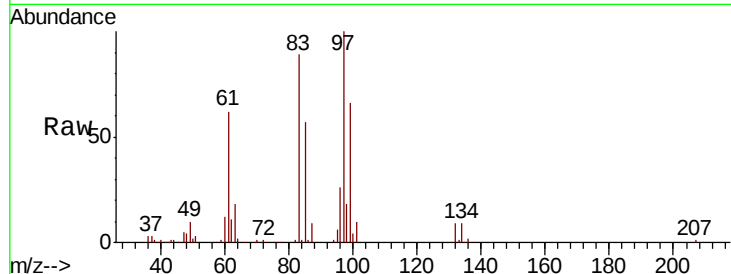




#55
 1,1,2-Trichloroethane
 Concen: 19.119 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

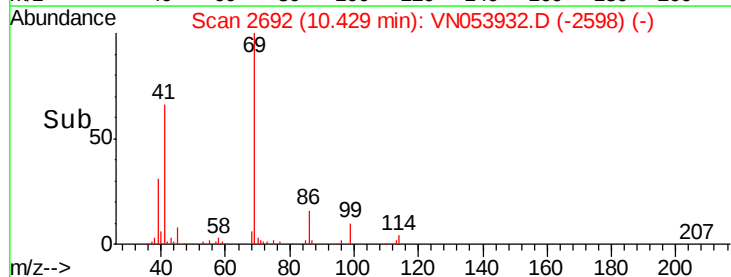
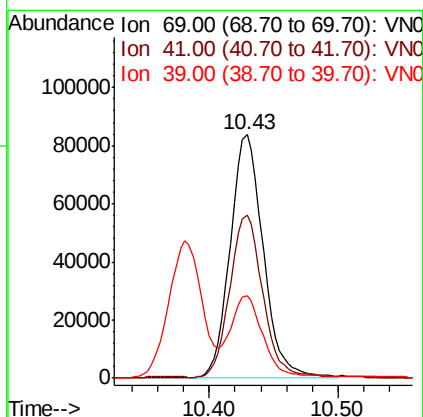
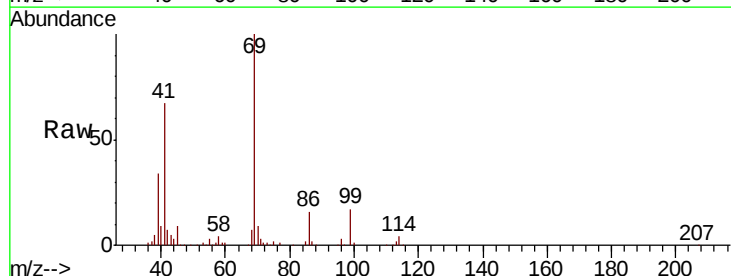
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

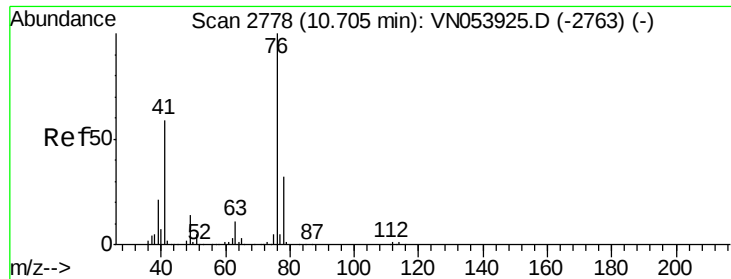
Tgt Ion: 97 Resp: 130667
 Ion Ratio Lower Upper
 97 100
 83 89.1 69.5 104.3
 85 57.0 45.9 68.9
 99 66.1 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 18.032 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion: 69 Resp: 149933
 Ion Ratio Lower Upper
 69 100
 41 65.6 47.5 71.3
 39 31.8 23.4 35.0





#57

1,3-Dichloropropane

Concen: 19.267 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

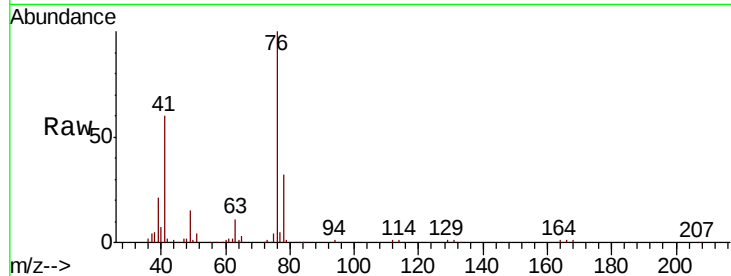
VN0225WBS01

Tgt Ion: 76 Resp: 222488

Ion Ratio Lower Upper

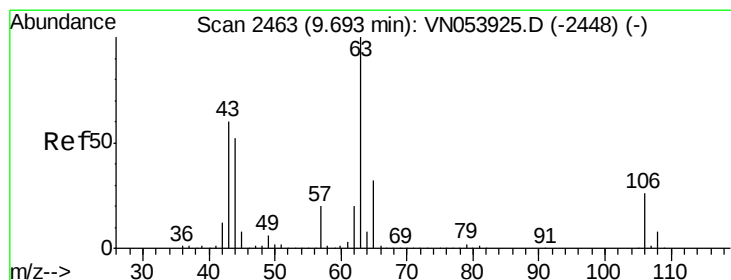
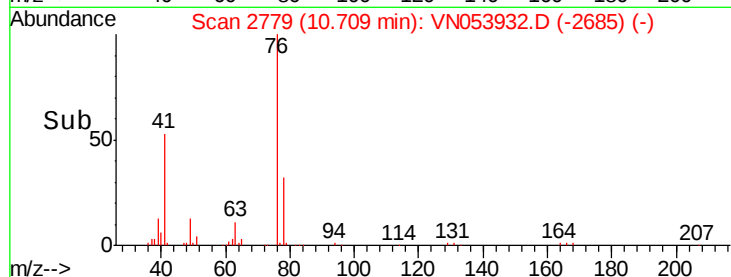
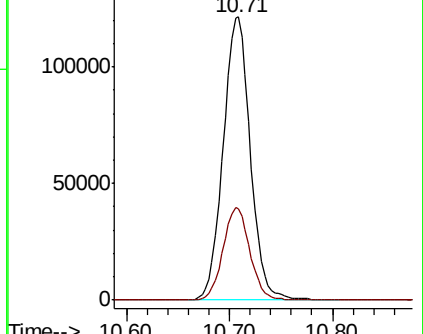
76 100

78 32.3 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 94.057 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN053932.D

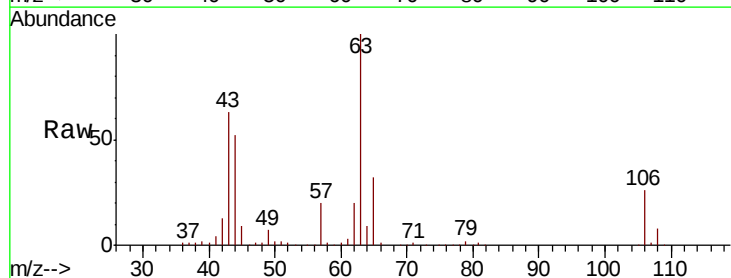
Acq: 25 Feb 2019 16:29

Tgt Ion: 63 Resp: 354929

Ion Ratio Lower Upper

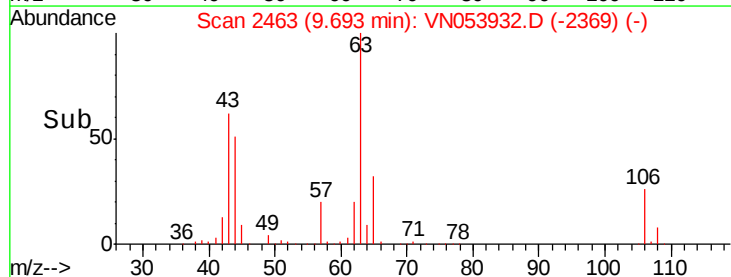
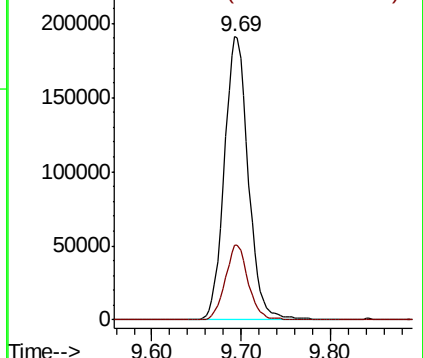
63 100

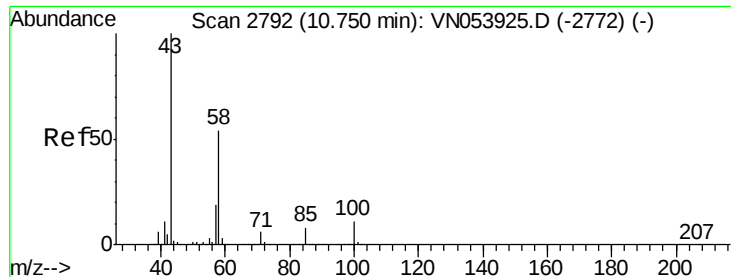
106 25.5 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

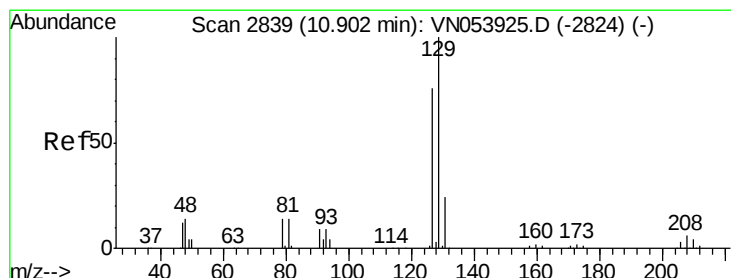
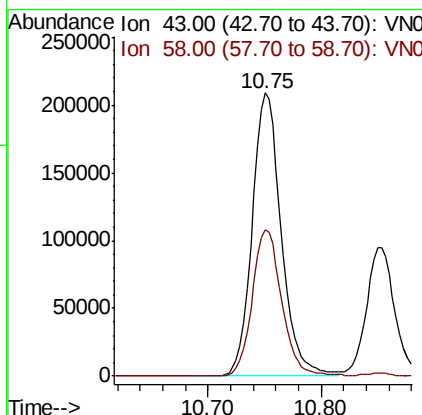
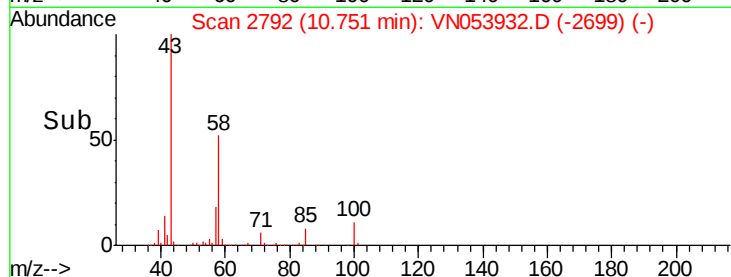
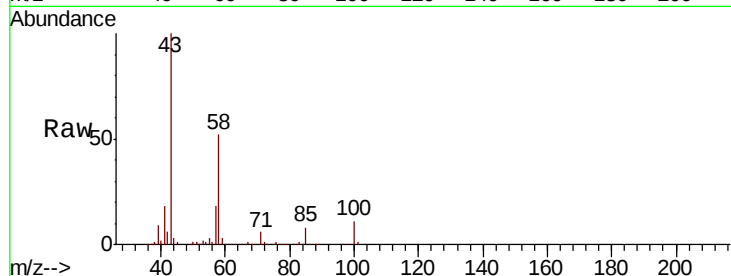




#59
2-Hexanone
Concen: 90.966 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

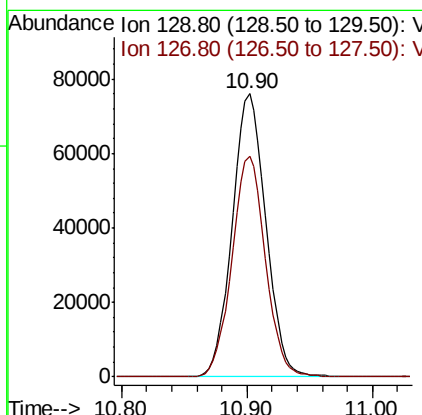
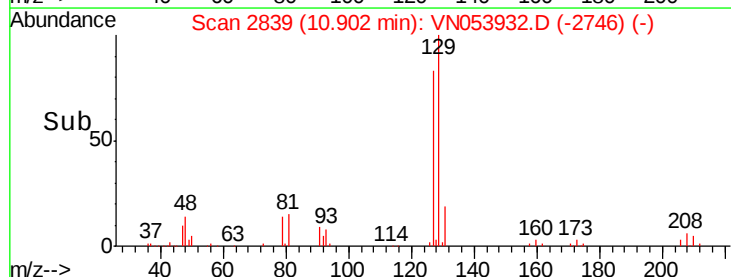
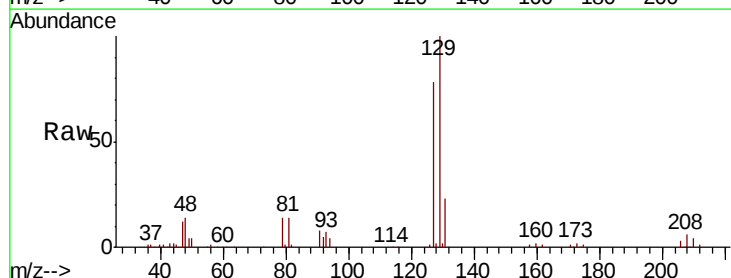
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

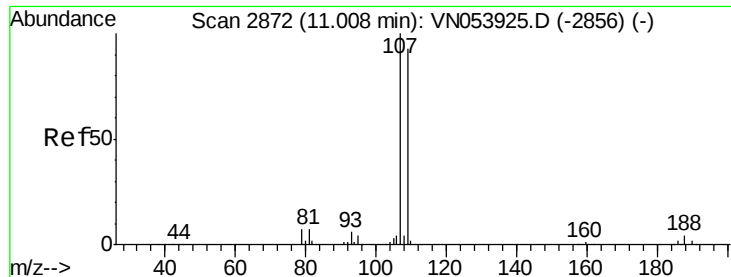
Tgt Ion: 43 Resp: 370793
Ion Ratio Lower Upper
43 100
58 52.8 29.1 87.4



#60
Dibromochloromethane
Concen: 18.656 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion: 129 Resp: 141703
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.777 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

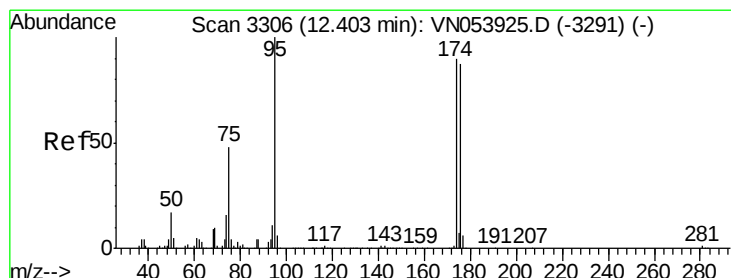
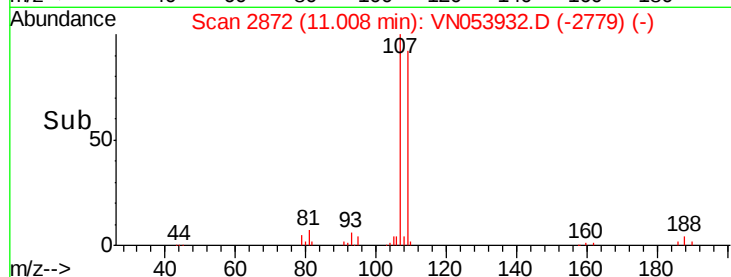
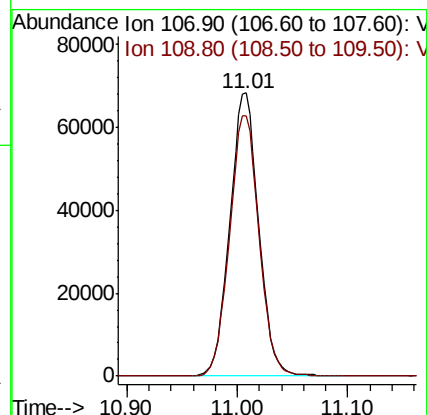
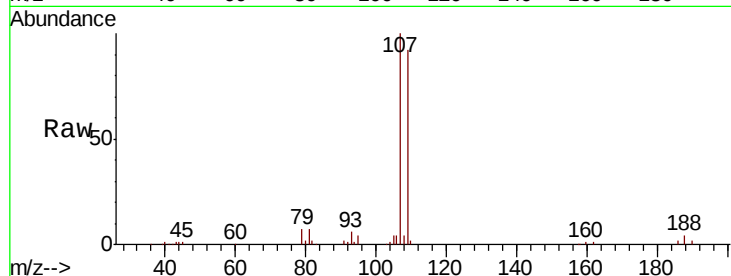
VN0225WBS01

Tgt Ion: 107 Resp: 123791

Ion Ratio Lower Upper

107 100

109 94.1 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 48.145 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

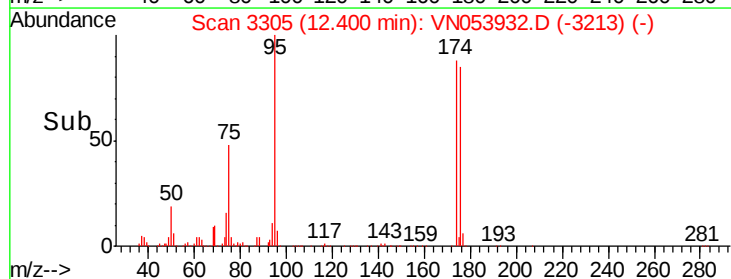
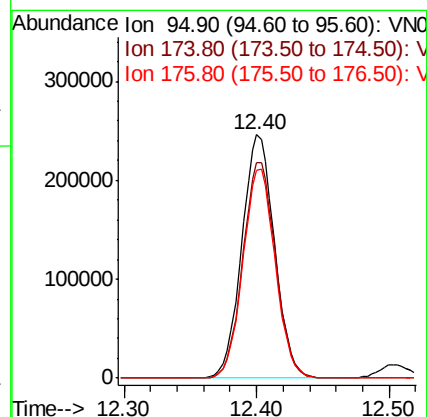
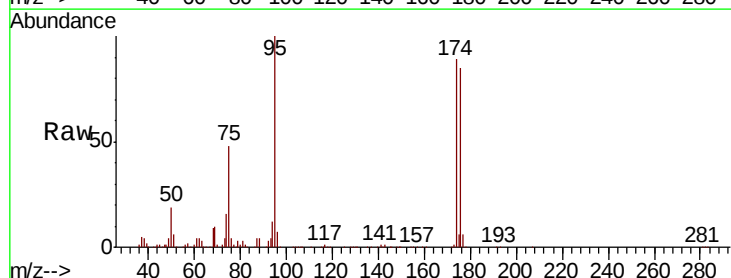
Tgt Ion: 95 Resp: 420054

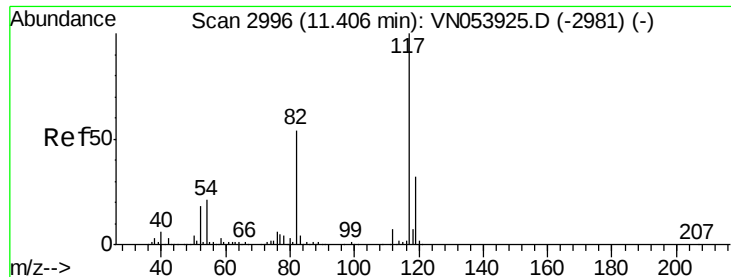
Ion Ratio Lower Upper

95 100

174 89.0 0.0 188.8

176 85.1 0.0 182.6

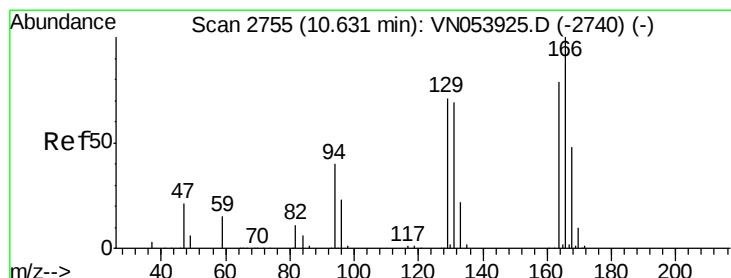
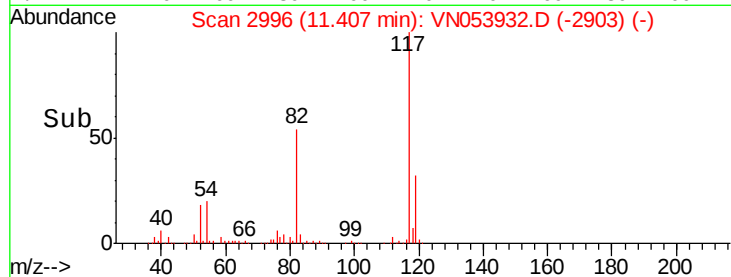
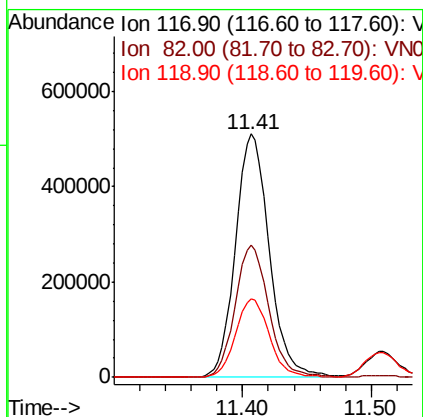
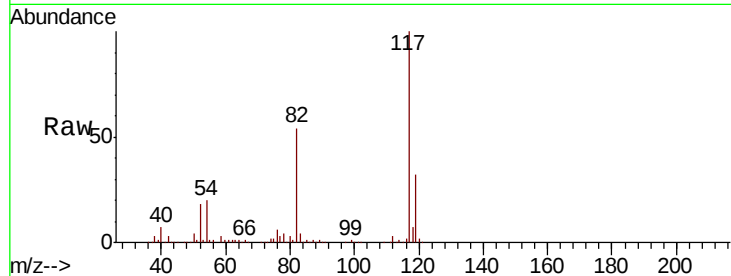




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

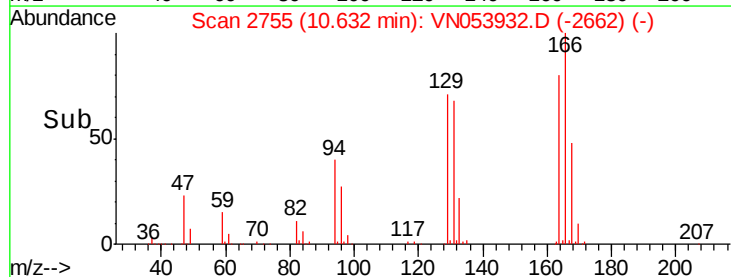
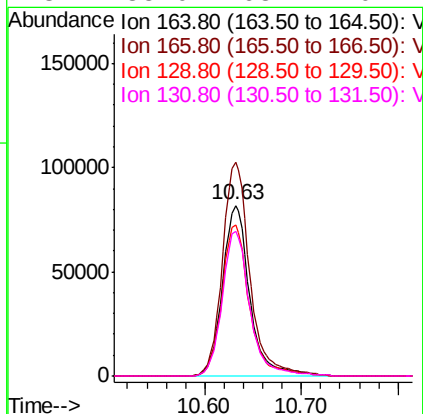
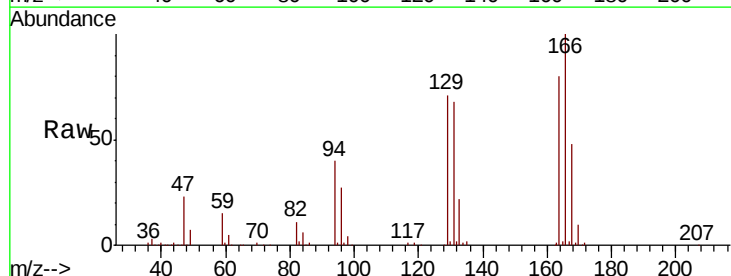
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:117 Resp: 931429
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.2
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 20.327 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion:164 Resp: 160319
Ion Ratio Lower Upper
164 100
166 125.2 102.6 153.8
129 88.6 69.4 104.0
131 85.0 68.1 102.1

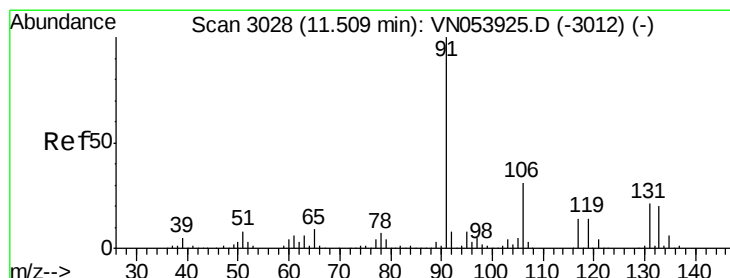
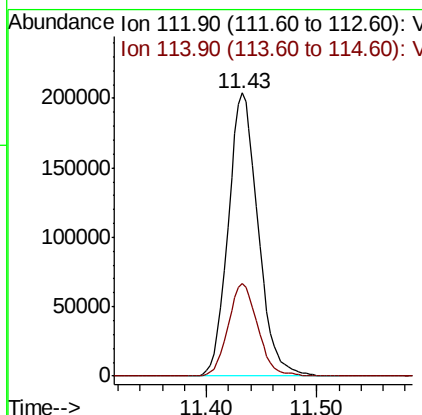
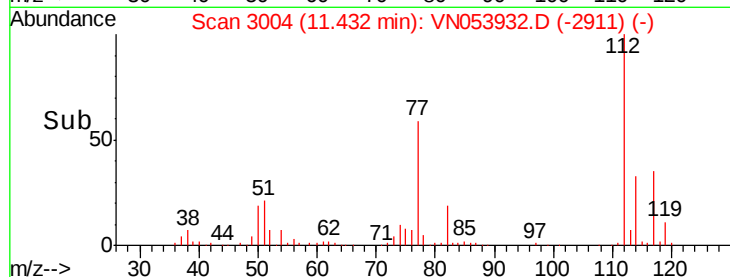
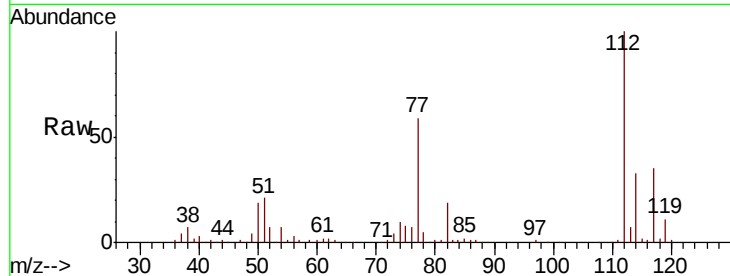




#65
Chlorobenzene
Concen: 19.425 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

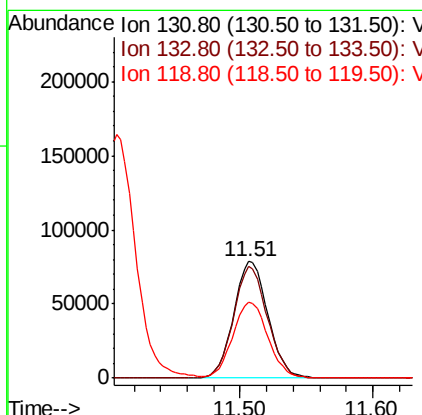
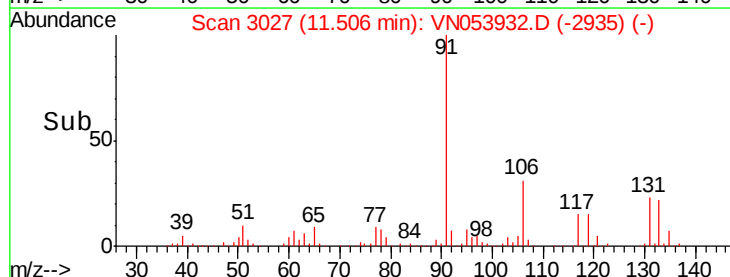
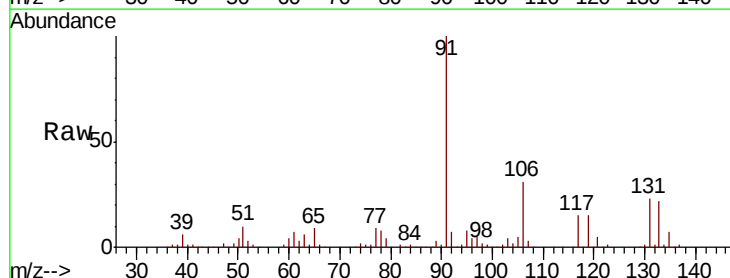
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

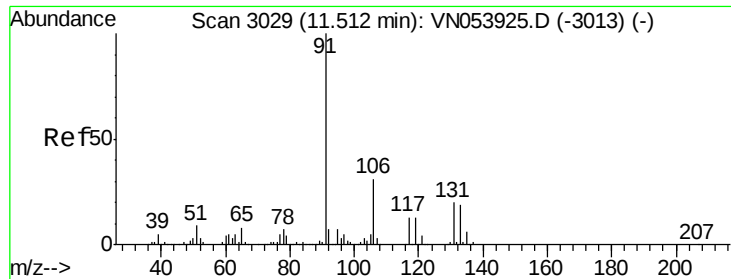
Tgt Ion:112 Resp: 381841
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.883 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion:131 Resp: 140866
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 67.1 33.1 99.3

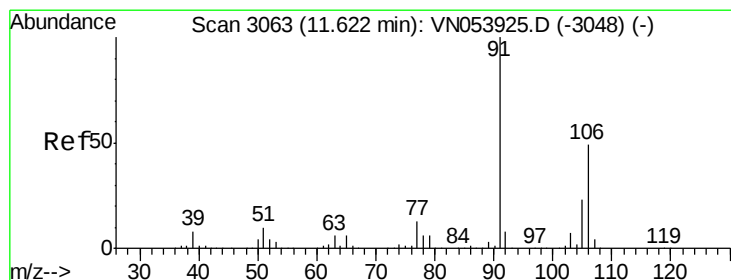
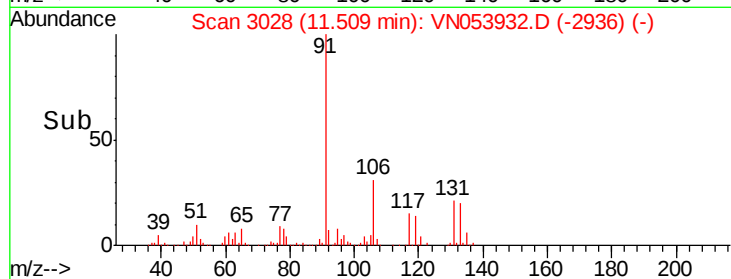
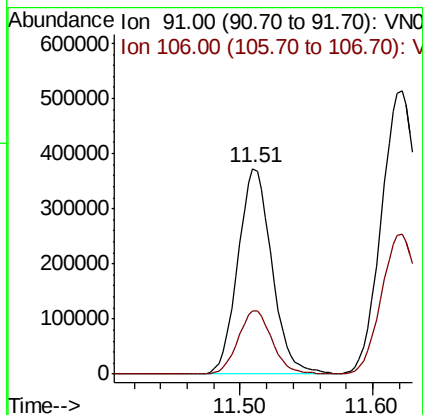
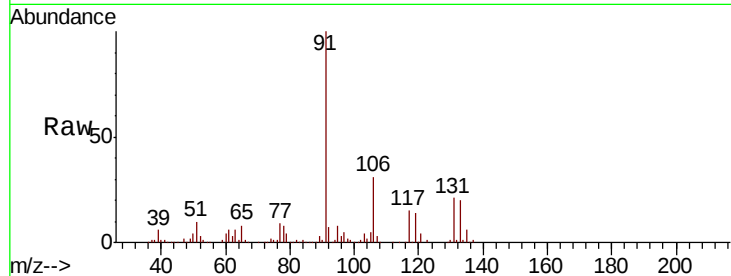




#67
Ethyl Benzene
Concen: 20.169 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

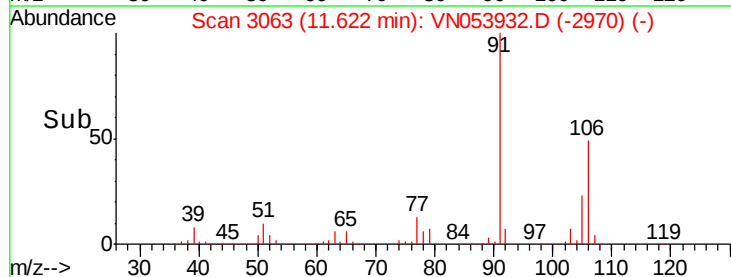
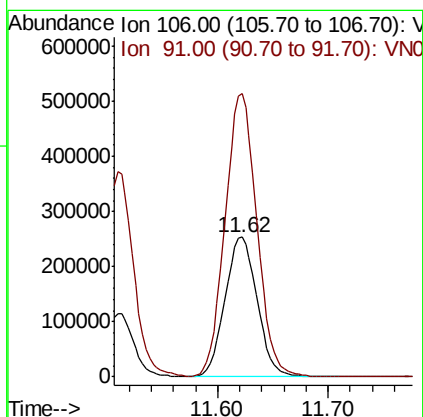
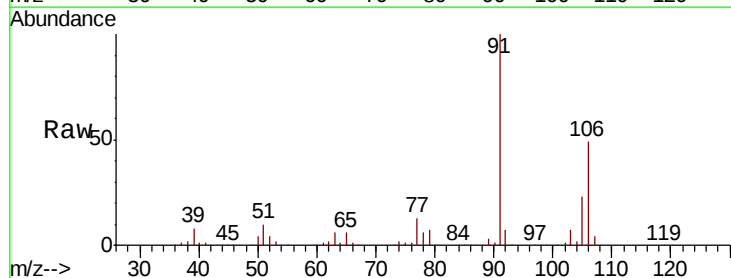
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

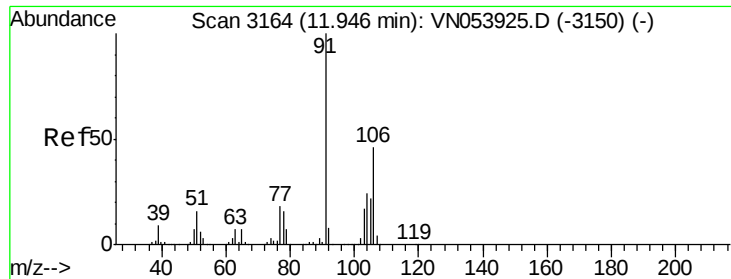
Tgt Ion: 91 Resp: 664669
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 41.145 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion: 106 Resp: 511752
Ion Ratio Lower Upper
106 100
91 200.3 158.9 238.3

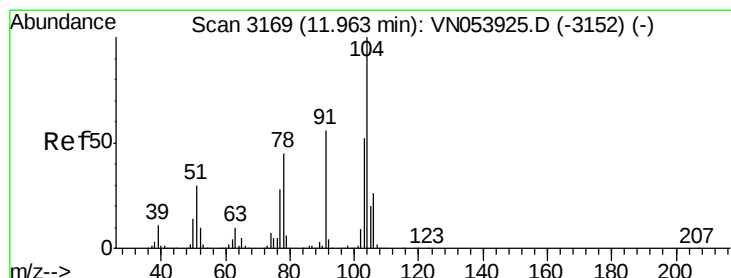
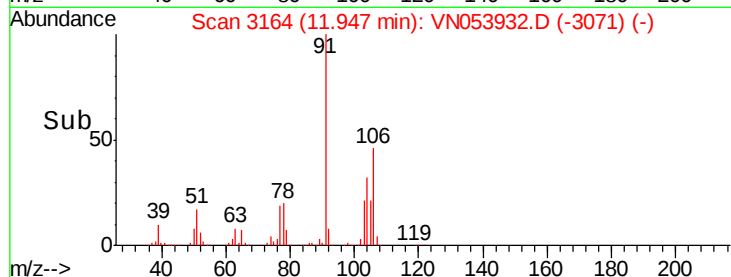
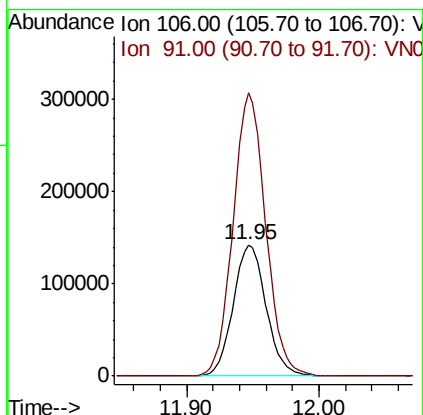
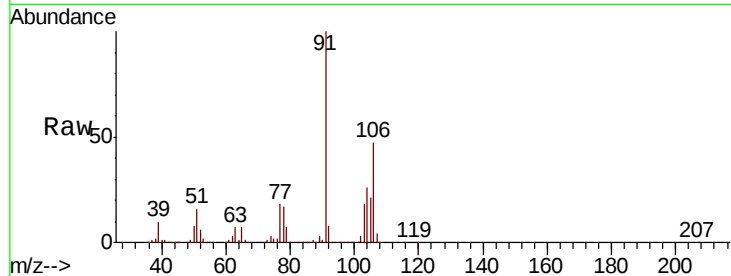




#69
o-Xylene
Concen: 20.090 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

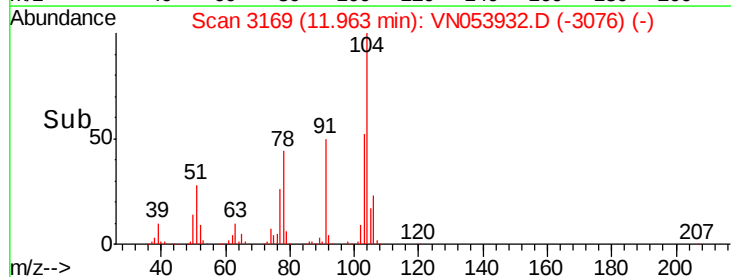
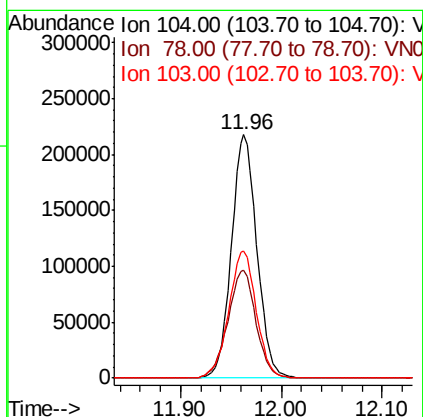
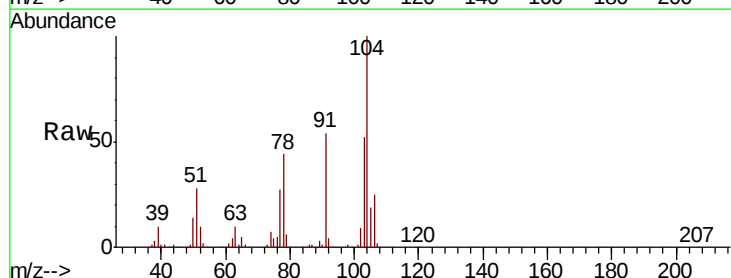
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

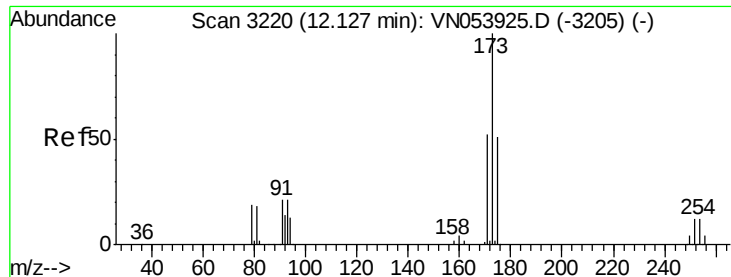
Tgt Ion:106 Resp: 245518
Ion Ratio Lower Upper
106 100
91 213.5 106.0 318.0



#70
Styrene
Concen: 20.327 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion:104 Resp: 382102
Ion Ratio Lower Upper
104 100
78 48.9 38.1 57.1
103 56.4 44.6 67.0





#71

Bromoform

Concen: 18.530 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

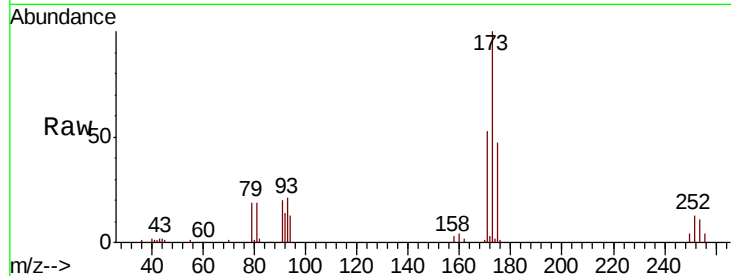
Tgt Ion:173 Resp: 91329

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

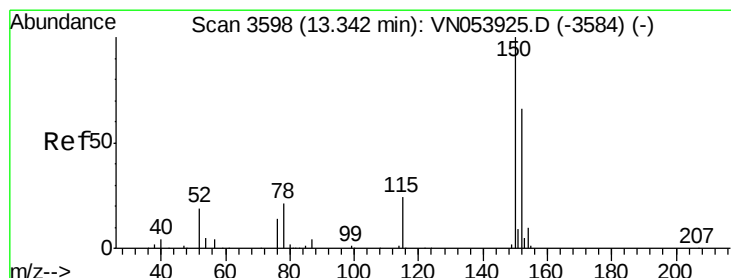
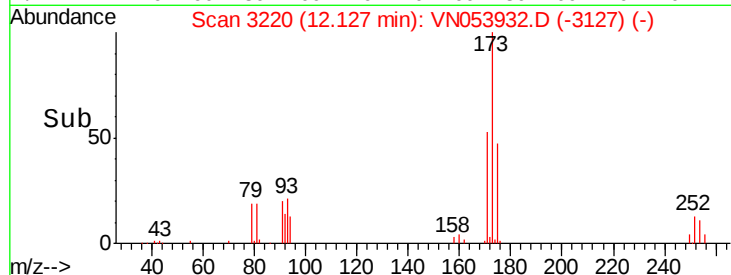
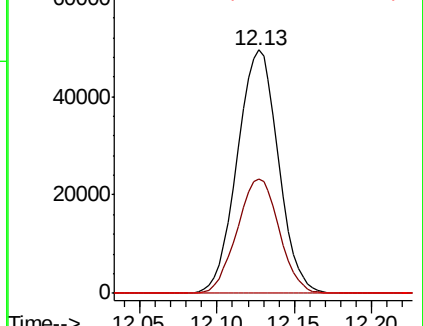
254 0.0 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

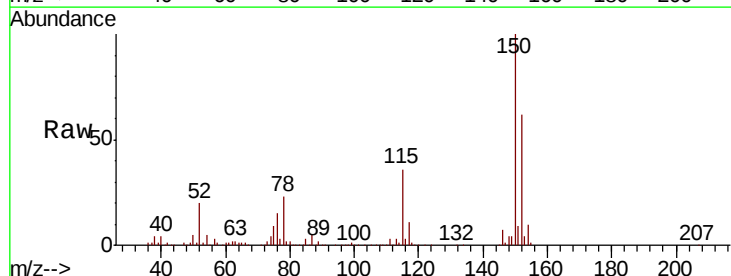
Tgt Ion:152 Resp: 408658

Ion Ratio Lower Upper

152 100

115 56.7 27.2 81.6

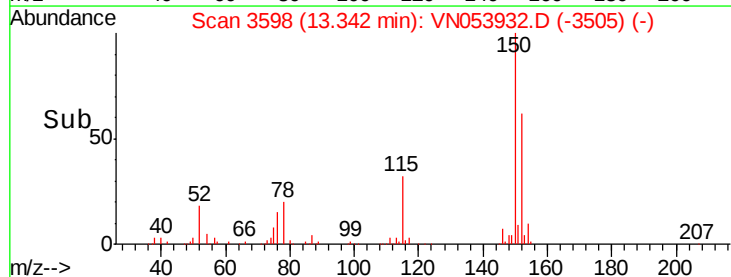
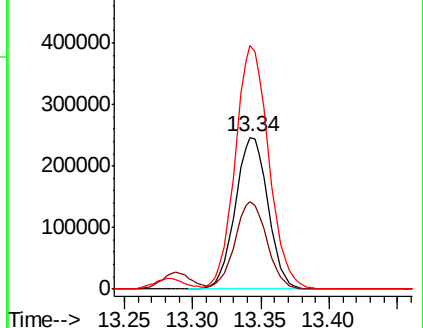
150 165.1 0.0 348.2

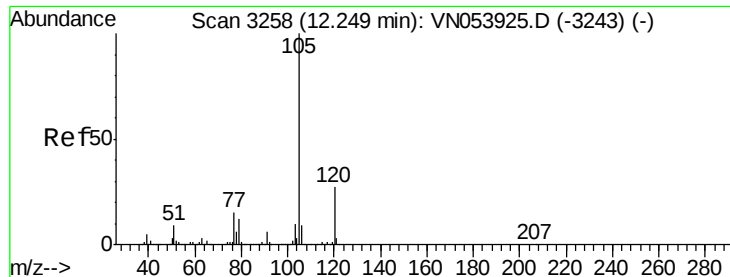


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.459 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

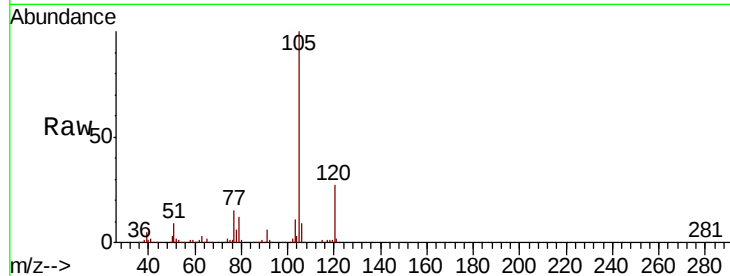
VN0225WBS01

Tgt Ion: 105 Resp: 650833

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

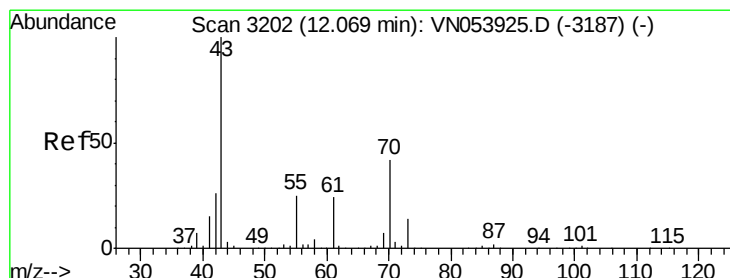
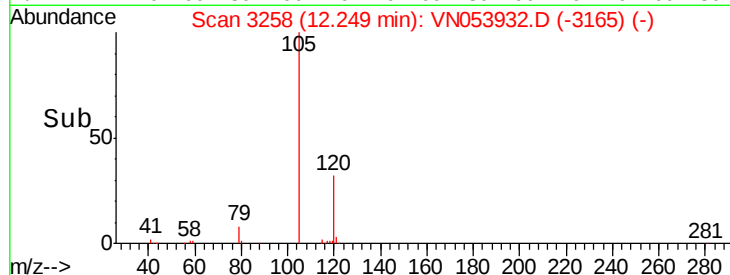
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.109 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Tgt Ion: 43 Resp: 159325

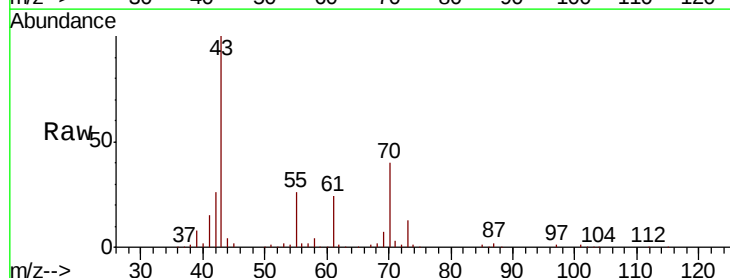
Ion Ratio Lower Upper

43 100

70 40.2 37.4 56.2

55 25.9 21.4 32.0

61 24.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

150000

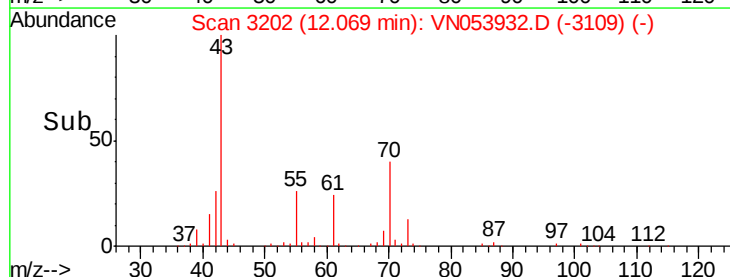
100000

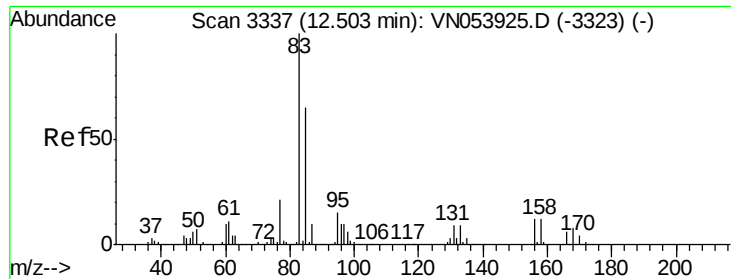
50000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.022 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

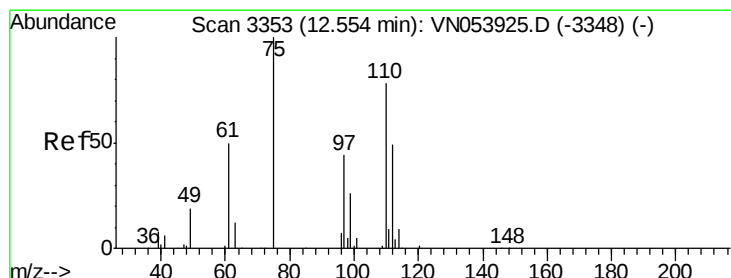
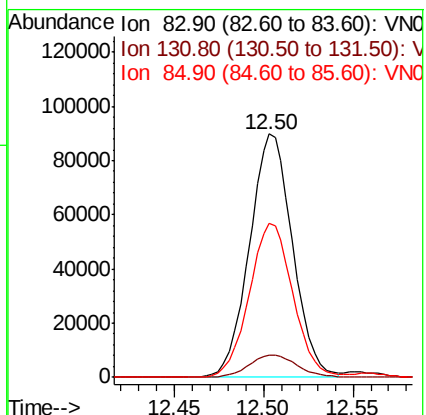
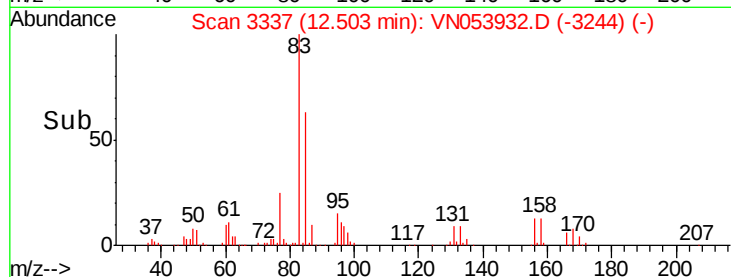
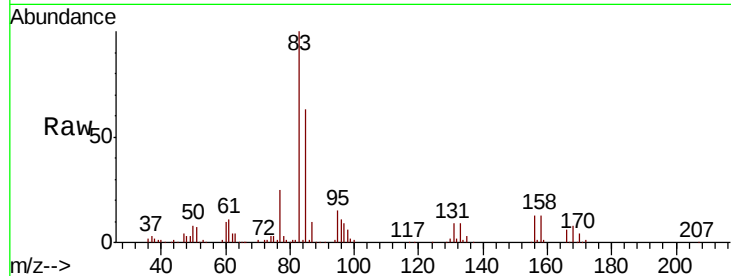
Tgt Ion: 83 Resp: 151316

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 27.710 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053932.D

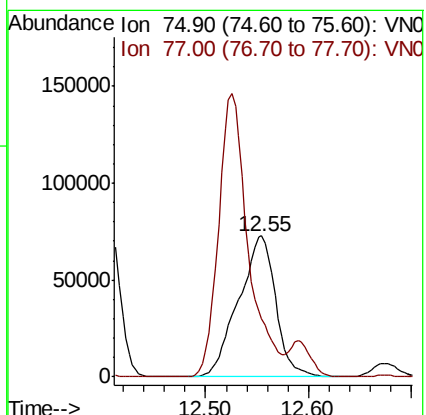
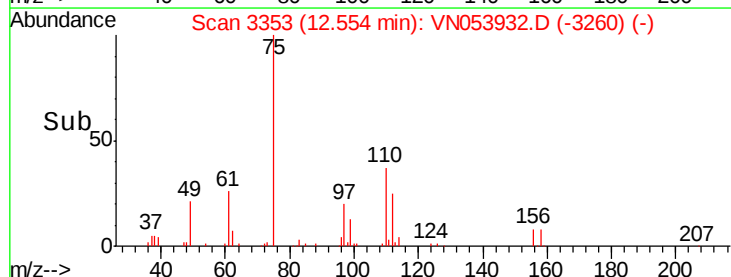
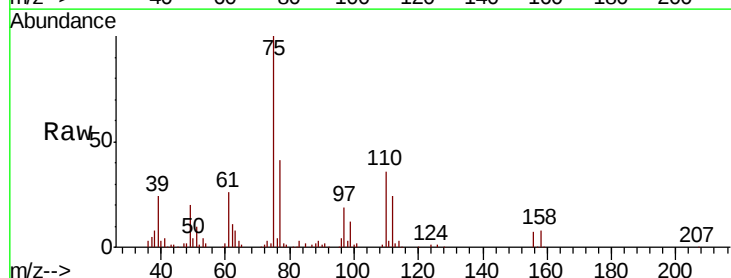
Acq: 25 Feb 2019 16:29

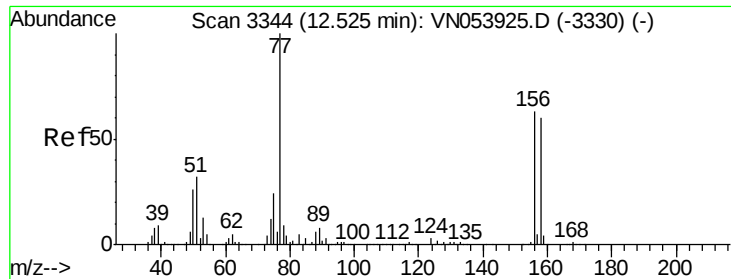
Tgt Ion: 75 Resp: 181653

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.498 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

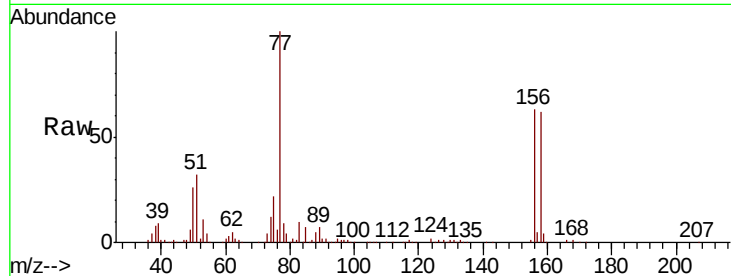
Tgt Ion:156 Resp: 157481

Ion Ratio Lower Upper

156 100

77 187.1 84.0 252.2

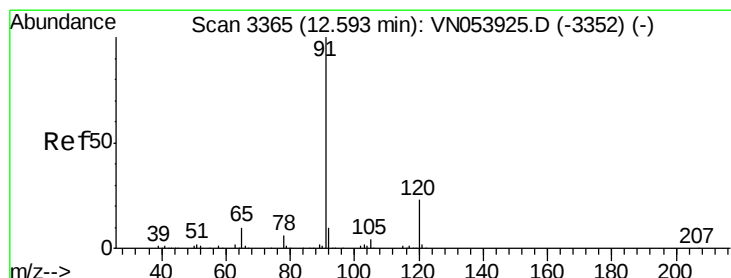
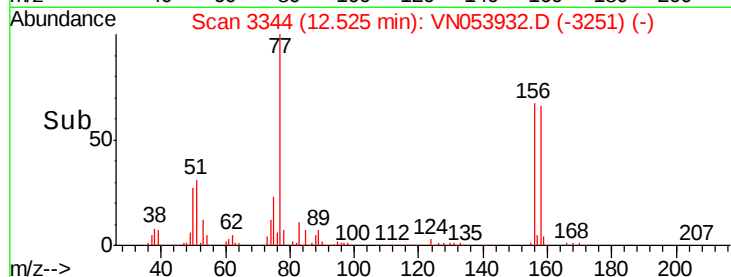
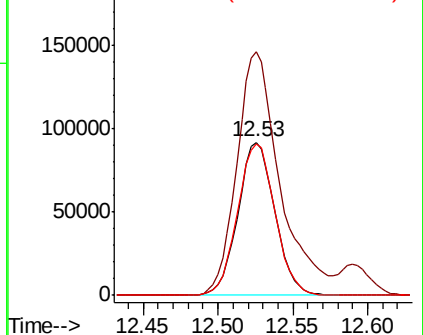
158 100.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.550 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053932.D

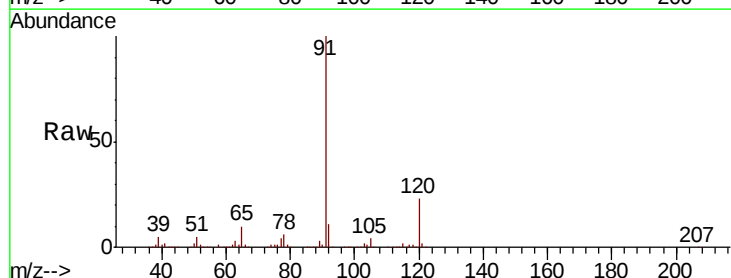
Acq: 25 Feb 2019 16:29

Tgt Ion: 91 Resp: 743455

Ion Ratio Lower Upper

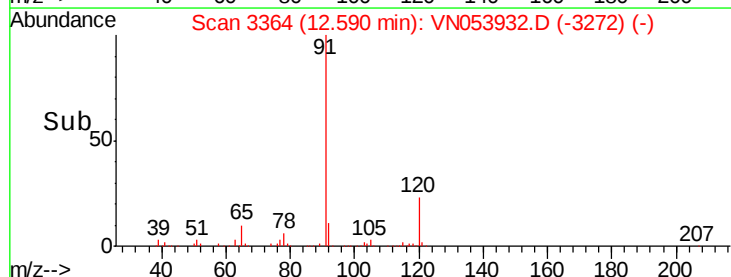
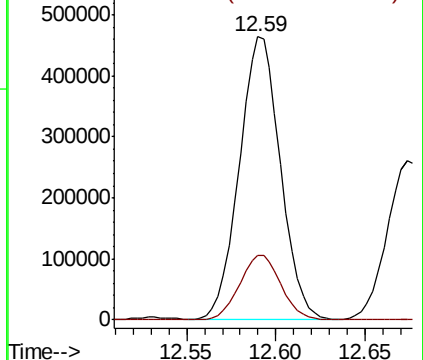
91 100

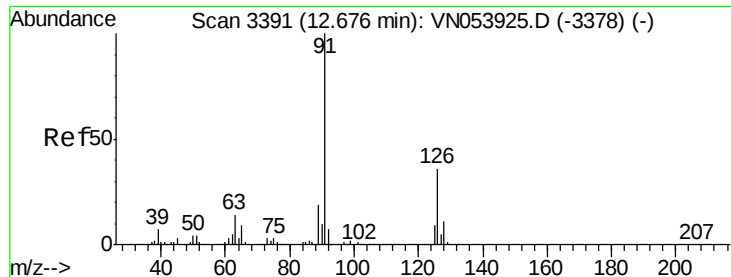
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.305 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

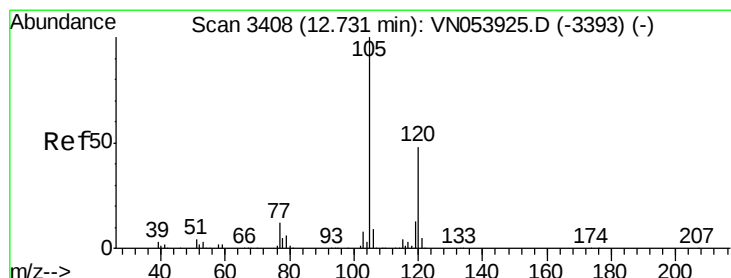
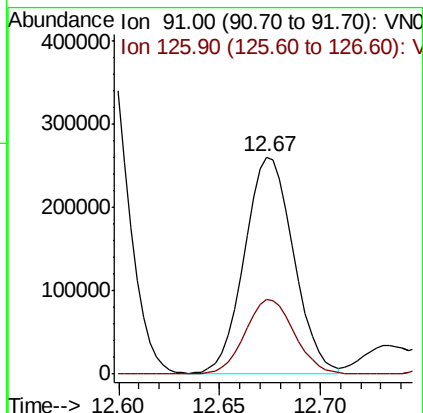
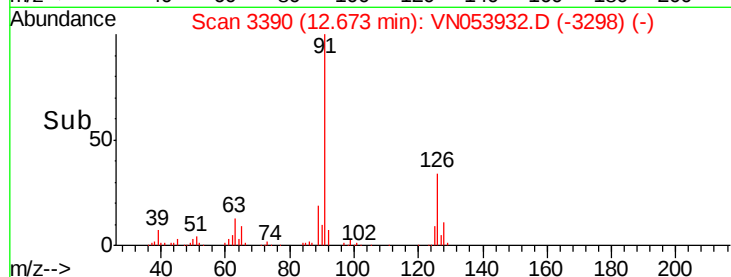
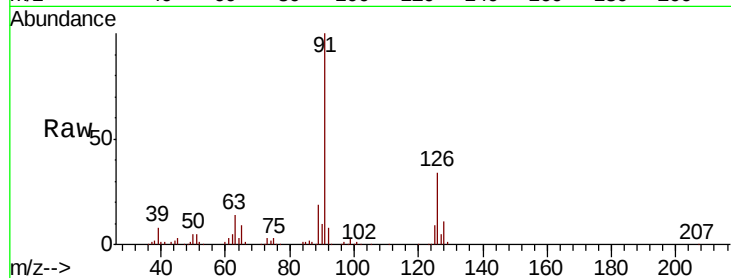
VN0225WBS01

Tgt Ion: 91 Resp: 441276

Ion Ratio Lower Upper

91 100

126 34.8 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.960 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053932.D

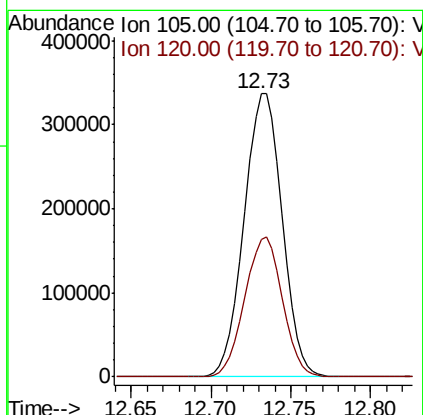
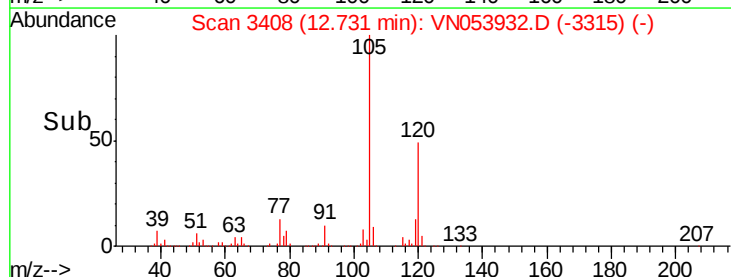
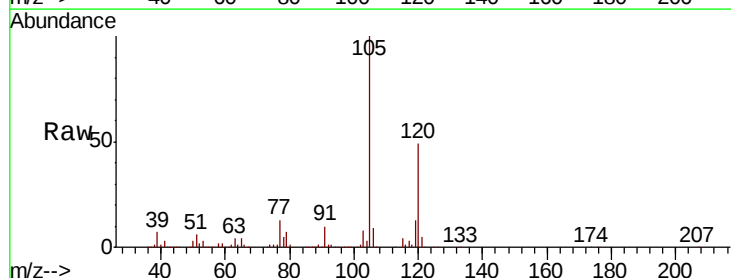
Acq: 25 Feb 2019 16:29

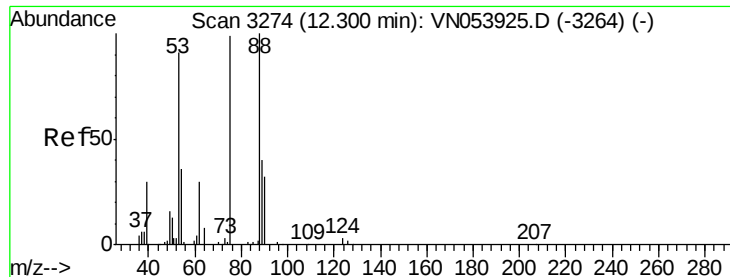
Tgt Ion: 105 Resp: 545859

Ion Ratio Lower Upper

105 100

120 49.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.598 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

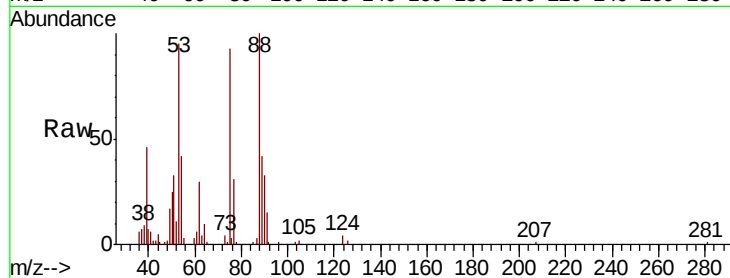
Tgt Ion: 75 Resp: 36501

Ion Ratio Lower Upper

75 100

53 100.4 68.6 102.8

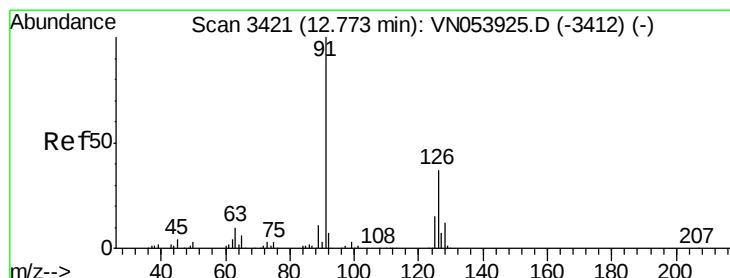
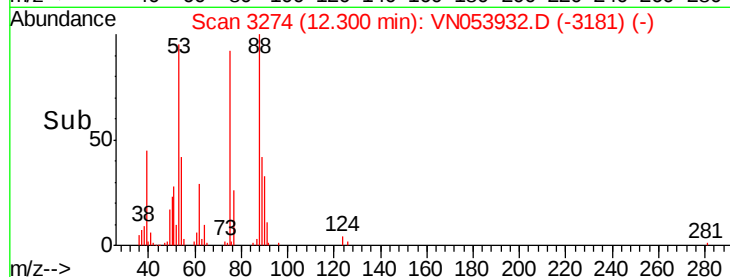
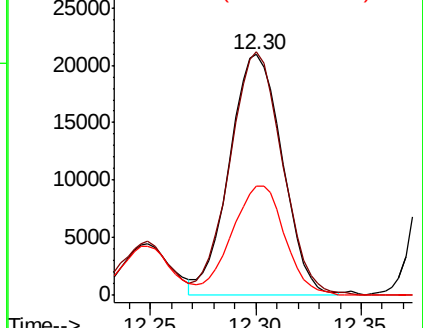
89 45.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.104 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053932.D

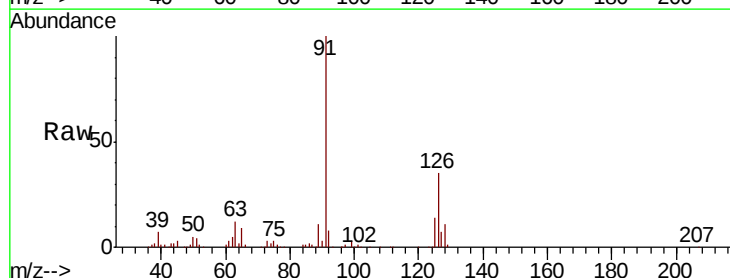
Acq: 25 Feb 2019 16:29

Tgt Ion: 91 Resp: 431817

Ion Ratio Lower Upper

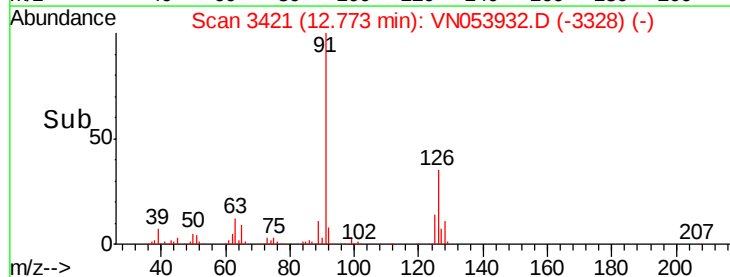
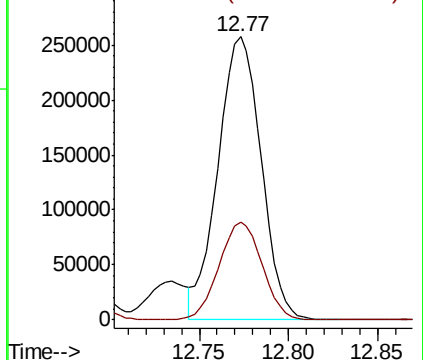
91 100

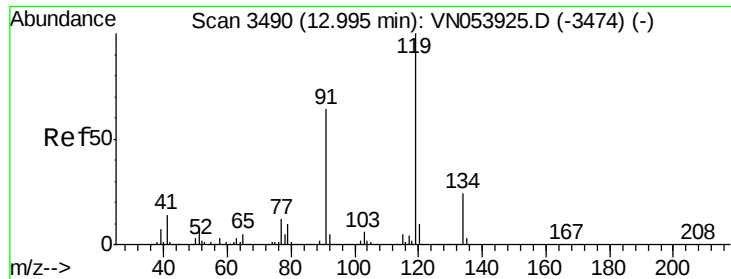
126 34.6 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

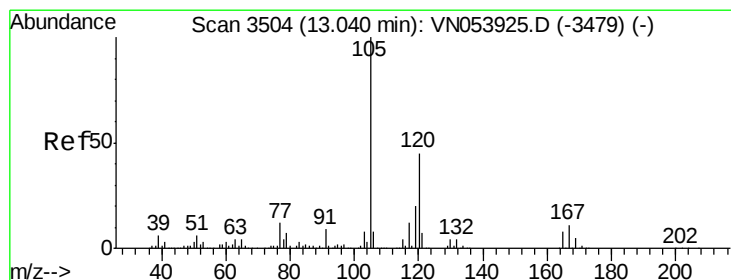
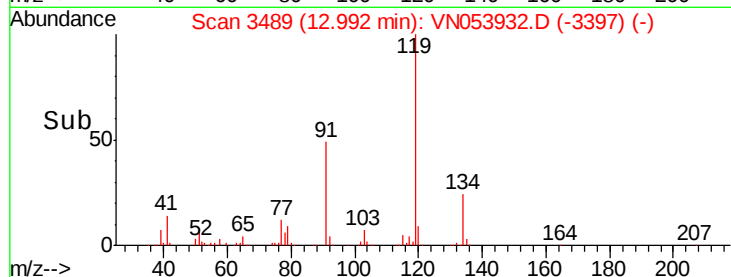
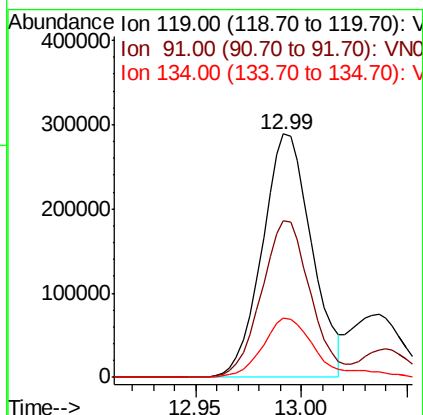
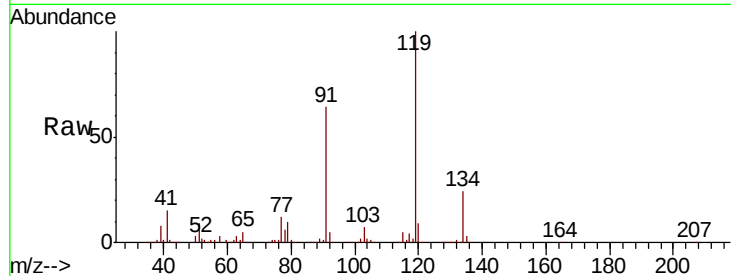




#83
 tert-Butylbenzene
 Concen: 20.442 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

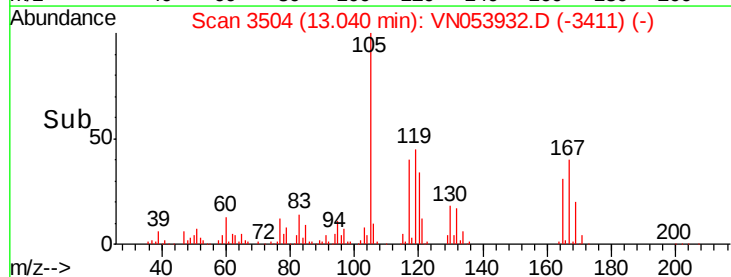
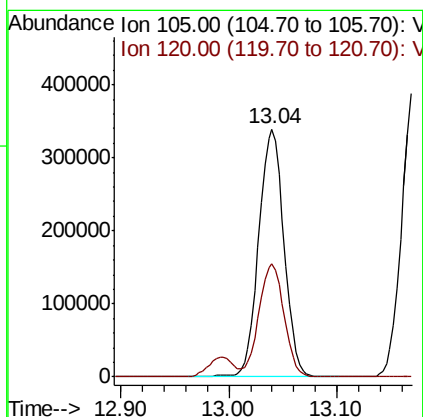
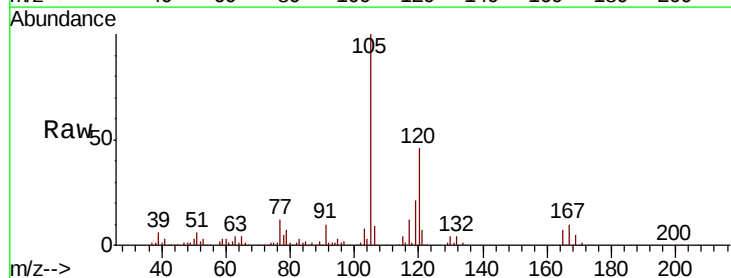
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

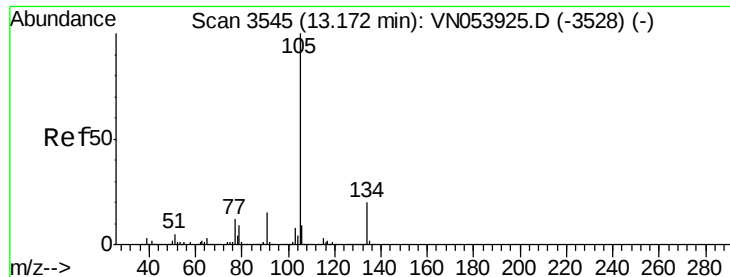
Tgt Ion:119 Resp: 470838
 Ion Ratio Lower Upper
 119 100
 91 63.5 30.6 91.8
 134 26.5 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.129 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion:105 Resp: 549338
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.686 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

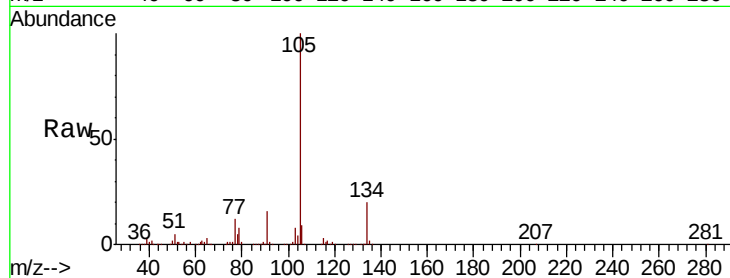
VN0225WBS01

Tgt Ion:105 Resp: 650765

Ion Ratio Lower Upper

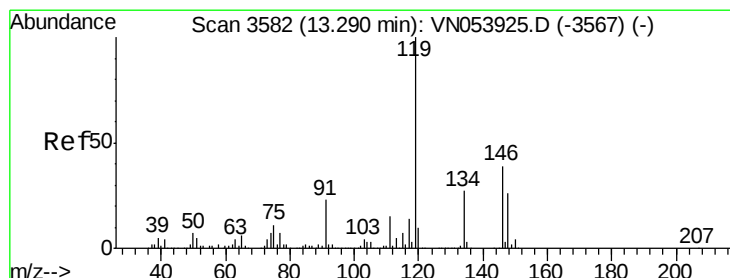
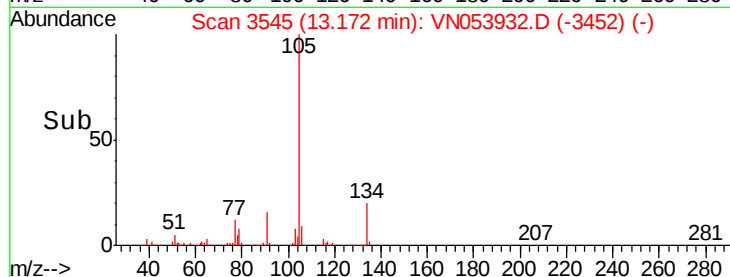
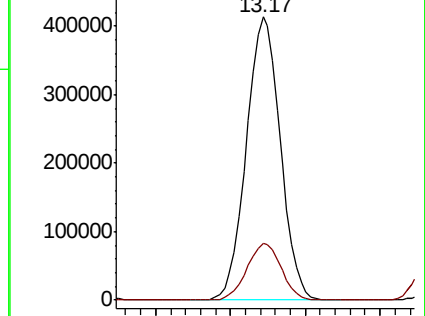
105 100

134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.892 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

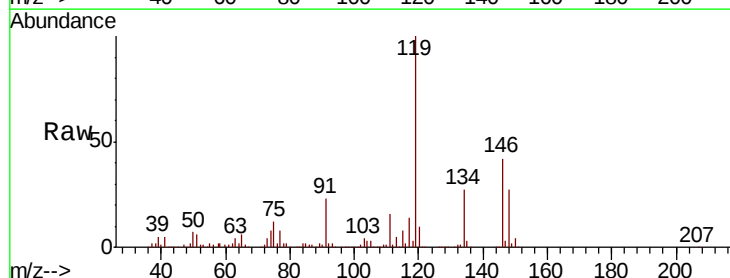
Tgt Ion:119 Resp: 555621

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

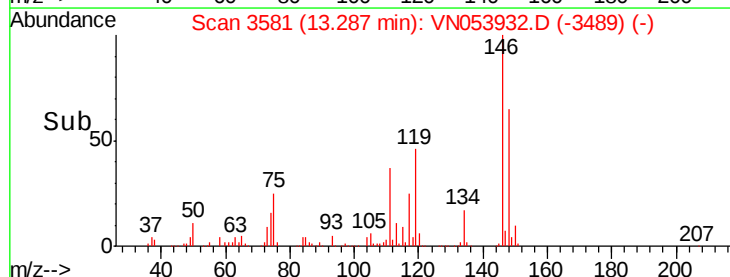
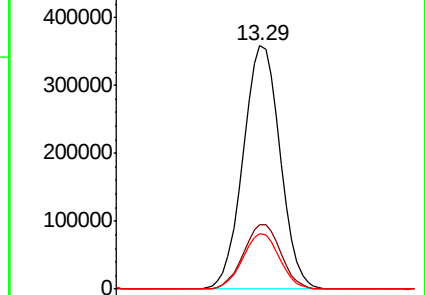
91 22.8 10.9 32.6

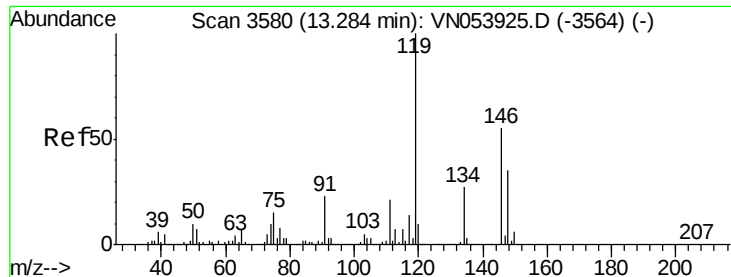


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.889 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

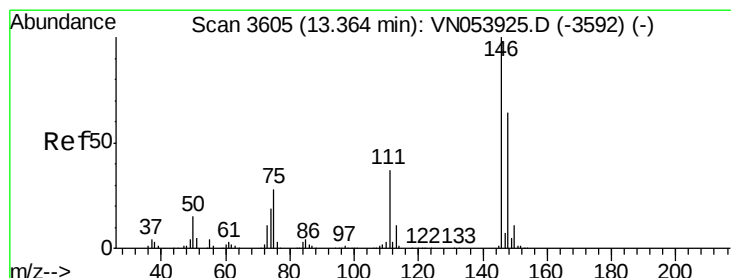
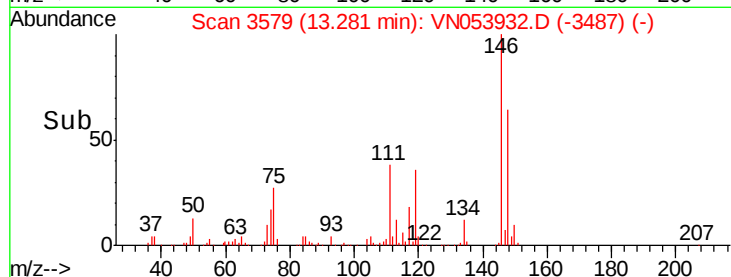
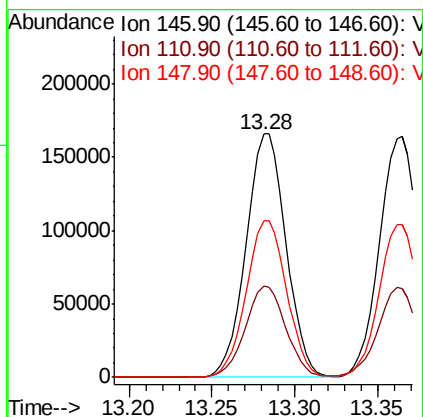
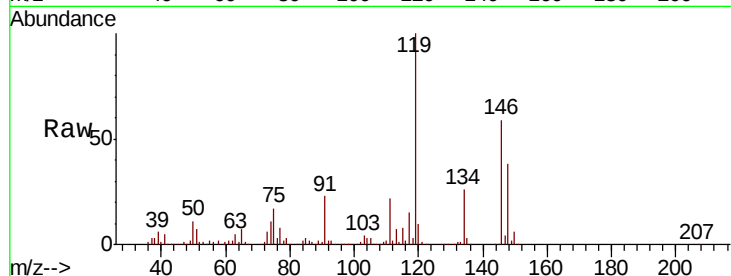
Tgt Ion:146 Resp: 277883

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 65.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.973 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

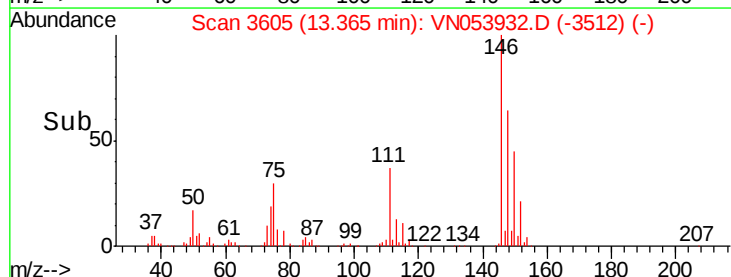
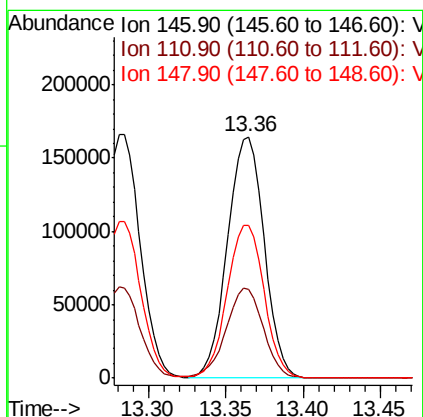
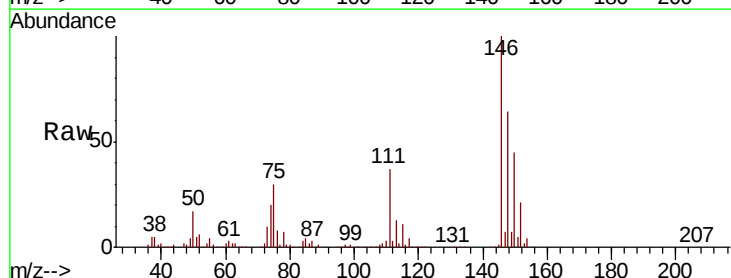
Tgt Ion:146 Resp: 270734

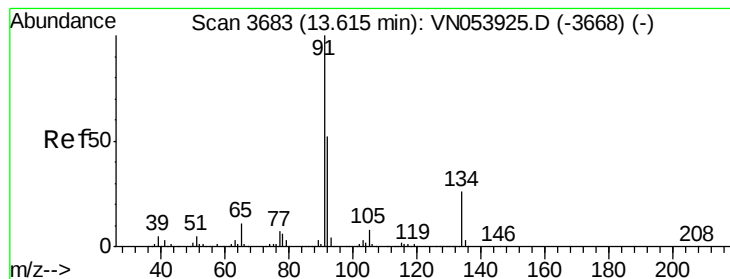
Ion Ratio Lower Upper

146 100

111 38.0 18.0 54.0

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.828 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053932.D

Acq: 25 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

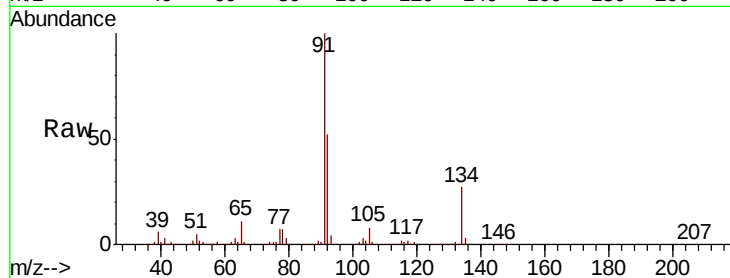
Tgt Ion: 91 Resp: 466831

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

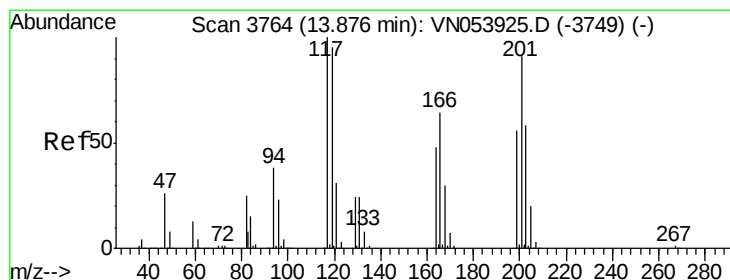
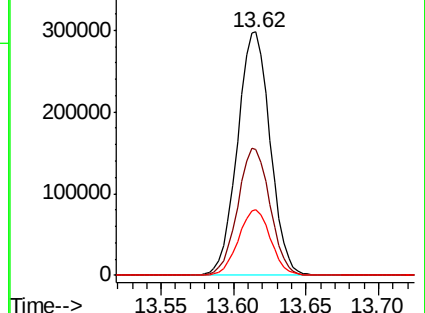
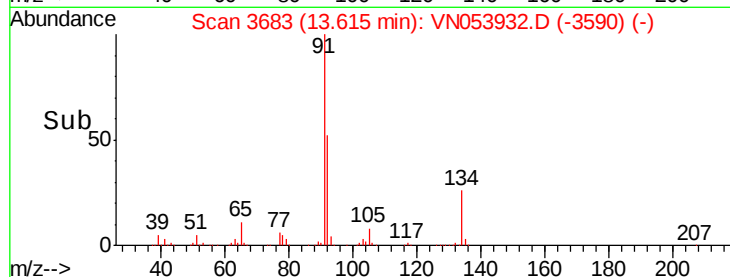
134 26.4 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053925.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053925.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.328 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053932.D

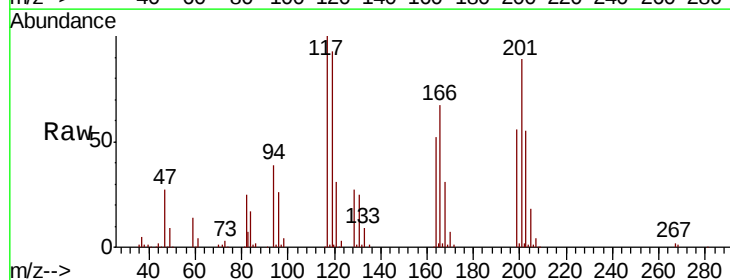
Acq: 25 Feb 2019 16:29

Tgt Ion: 117 Resp: 99610

Ion Ratio Lower Upper

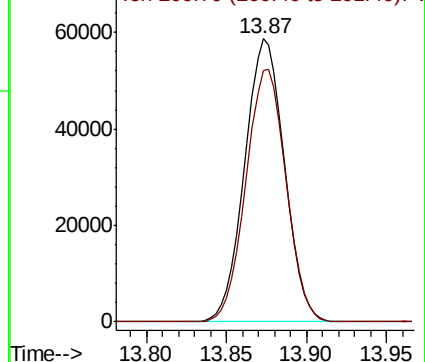
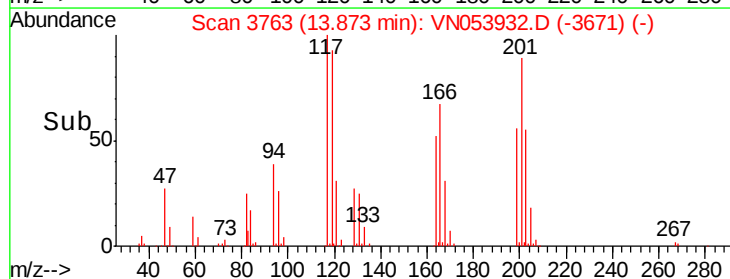
117 100

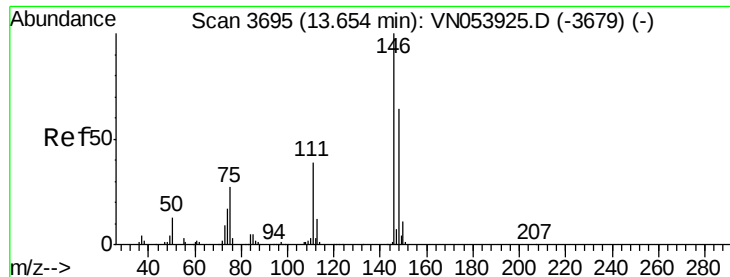
201 89.9 48.0 144.2



Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053925.D (-3749) (-)

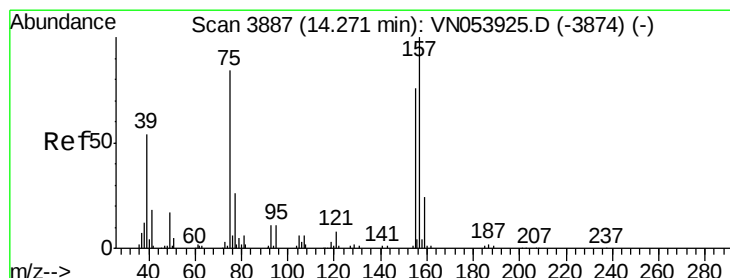
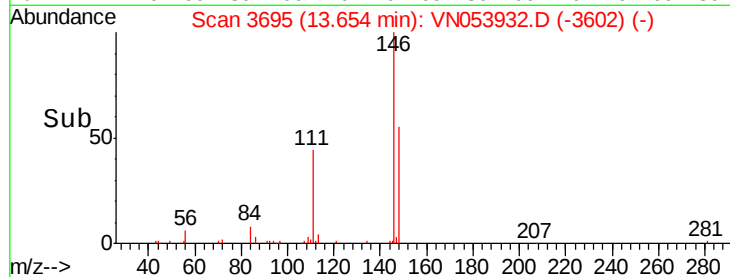
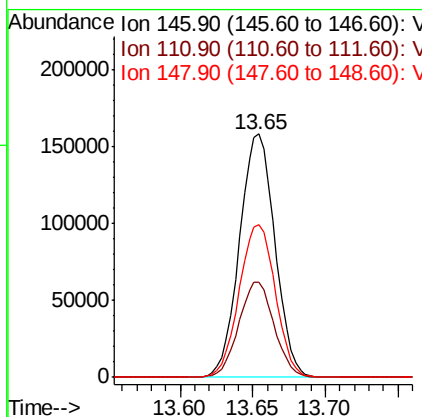
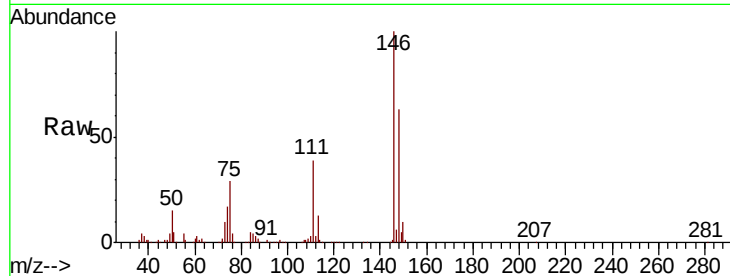




#91
 1,2-Dichlorobenzene
 Concen: 19.889 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

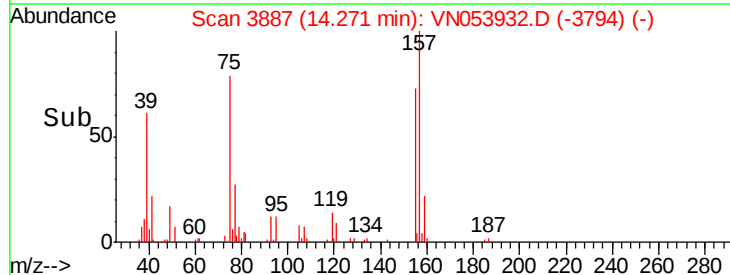
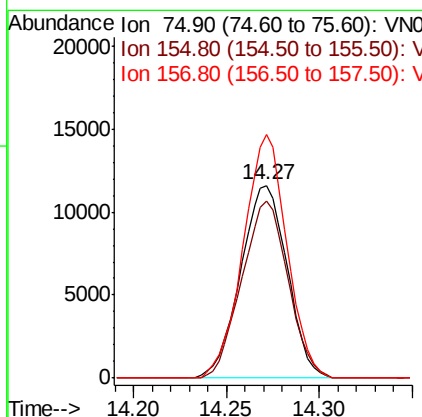
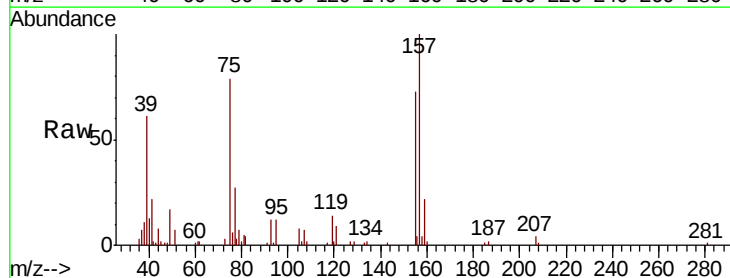
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

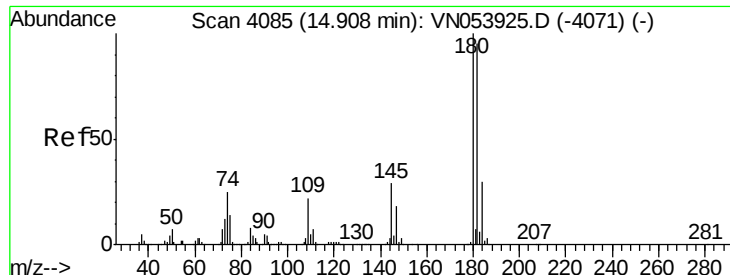
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	64.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.005 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	49.5	148.5
157	118.3	64.8	194.6

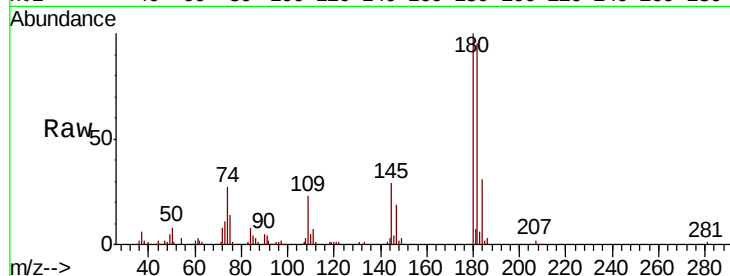




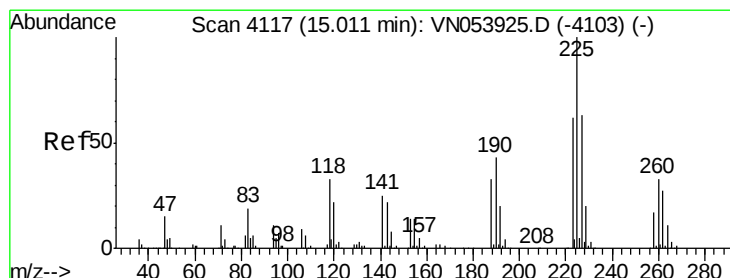
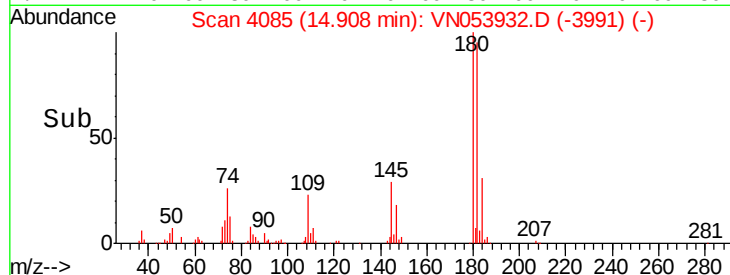
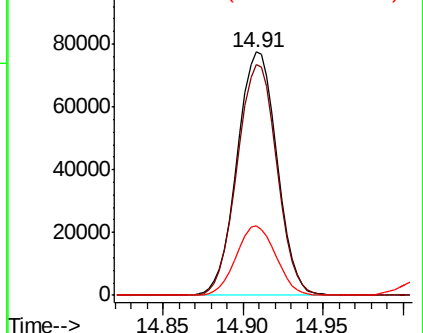
#93
 1,2,4-Trichlorobenzene
 Concen: 18.965 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

Tgt Ion:180 Resp: 131609
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.6 145.9
 145 28.3 13.8 41.3

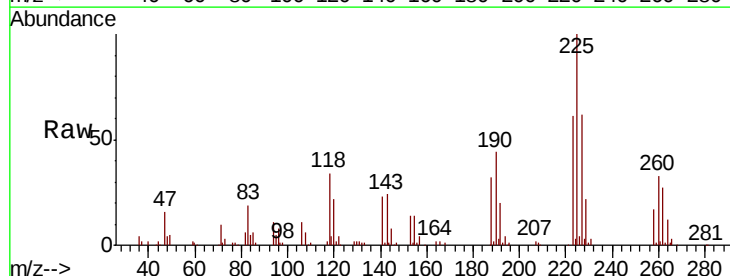


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

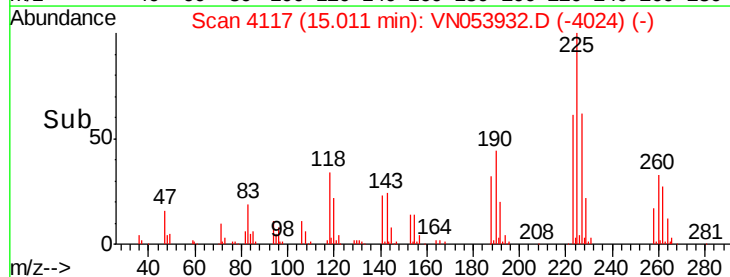
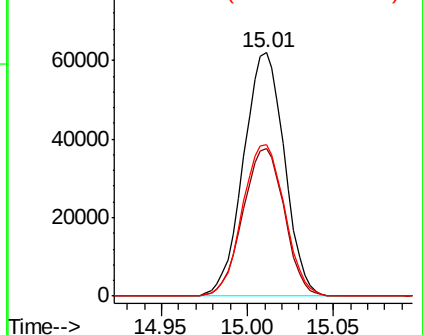


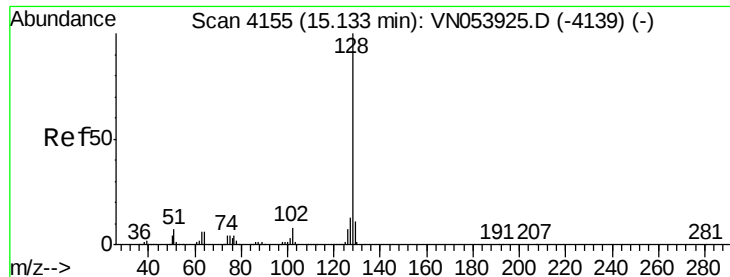
#94
 Hexachlorobutadiene
 Concen: 20.981 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053932.D
 Acq: 25 Feb 2019 16:29

Tgt Ion:225 Resp: 102502
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.9 92.5
 227 64.0 32.5 97.4



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

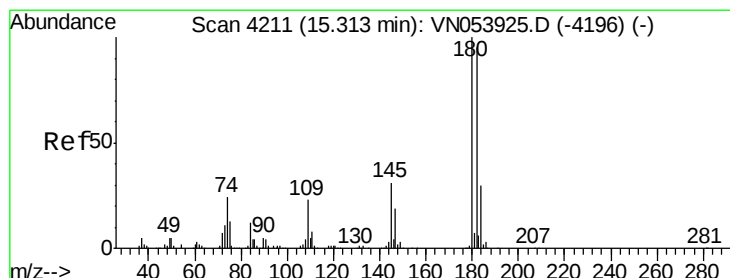
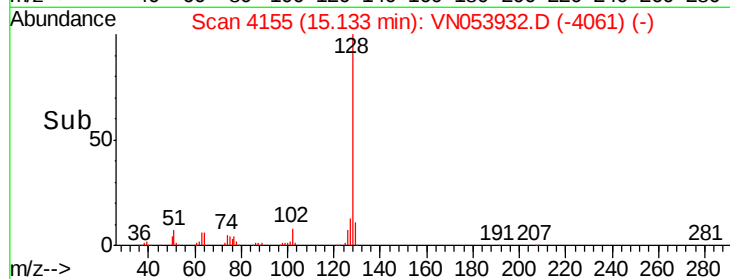
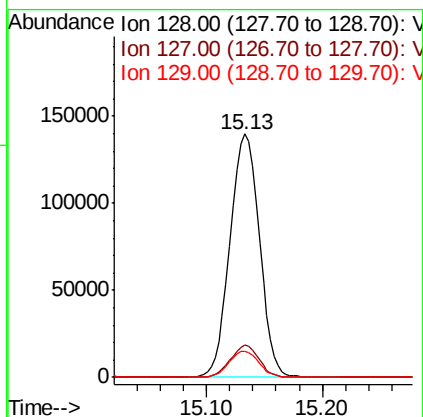
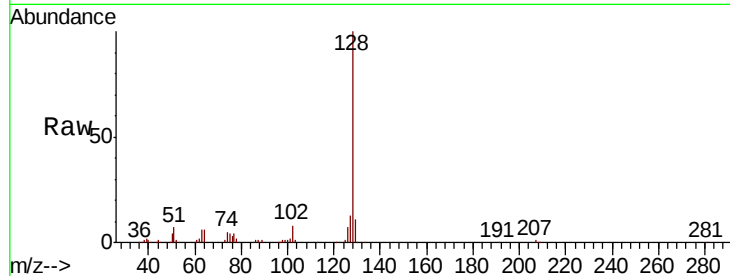




#95
Naphthalene
Concen: 17.440 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:128 Resp: 246032
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.033 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053932.D
Acq: 25 Feb 2019 16:29

Tgt Ion:180 Resp: 129959
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 29.4 14.4 43.0

