

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112018\
 Data File : VN052424.D
 Acq On : 20 Nov 2018 22:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 23:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	259790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	436350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	394291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	205832	56.10	ug/l	0.00
Spiked Amount			Recovery	=	112.20%	
35) Dibromofluoromethane	7.59	113	149954	53.28	ug/l	0.00
Spiked Amount			Recovery	=	106.56%	
50) Toluene-d8	10.09	98	563858	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	197684	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	132805	48.242	ug/l	99
3) Chloromethane	2.06	50	184975	48.351	ug/l	99
4) Vinyl Chloride	2.19	62	160179	48.437	ug/l	99
5) Bromomethane	2.57	94	77293	37.491	ug/l	96
6) Chloroethane	2.71	64	91767	49.079	ug/l	98
7) Trichlorofluoromethane	3.02	101	231917	50.680	ug/l	99
8) Diethyl Ether	3.41	74	84928	48.695	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	134185	46.432	ug/l	99
10) Methyl Iodide	3.96	142	163707	42.190	ug/l	96
11) Tert butyl alcohol	4.78	59	47054	242.830	ug/l	96
12) 1,1-Dichloroethene	3.74	96	123378	46.135	ug/l	95
13) Acrolein	3.61	56	94436	316.744	ug/l	99
14) Allyl chloride	4.33	41	259444	47.247	ug/l	92
15) Acrylonitrile	4.99	53	280001	253.057	ug/l	99
16) Acetone	3.82	43	225016	222.732	ug/l	94
17) Carbon Disulfide	4.06	76	367276	47.894	ug/l	100
18) Methyl Acetate	4.33	43	149958	52.945	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	396217	51.555	ug/l	100
20) Methylene Chloride	4.55	84	159950	52.071	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	134855	46.836	ug/l	93
22) Diisopropyl ether	5.95	45	591473	52.790	ug/l	99
23) Vinyl Acetate	5.90	43	1948553	256.373	ug/l	99
24) 1,1-Dichloroethane	5.85	63	304287	50.648	ug/l	99
25) 2-Butanone	6.83	43	355650	250.104	ug/l	97
26) 2,2-Dichloropropane	6.83	77	191249	43.292	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	159416	47.561	ug/l	93
28) Bromochloromethane	7.20	49	155303	50.274	ug/l	98
29) Tetrahydrofuran	7.21	42	242488	259.580	ug/l	98
30) Chloroform	7.37	83	298518	52.138	ug/l	96
31) Cyclohexane	7.66	56	267557	47.922	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	252944	51.860	ug/l	98
36) 1,1-Dichloropropene	7.80	75	223237	51.043	ug/l	99
37) Ethyl Acetate	6.93	43	162686	51.254	ug/l	97
38) Carbon Tetrachloride	7.78	117	217756	54.194	ug/l	98

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

39) Methylcyclohexane	9.08	83	238779	47.825	ug/l	97
40) Benzene	8.04	78	627048	50.187	ug/l	96
41) Methacrylonitrile	7.18	41	93556	52.844	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	248481	55.771	ug/l	98
43) Isopropyl Acetate	8.17	43	311234	50.815	ug/l	99
44) Trichloroethene	8.84	130	152419	49.524	ug/l	98
45) 1,2-Dichloropropane	9.12	63	180507	50.907	ug/l	98
46) Dibromomethane	9.21	93	106747	52.004	ug/l	96
47) Bromodichloromethane	9.40	83	234559	55.685	ug/l	98
48) Methyl methacrylate	9.20	41	155867	50.152	ug/l	97
49) 1,4-Dioxane	9.20	88	25349	1062.512	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	846388	274.527	ug/l	98
52) Toluene	10.16	92	383287	51.281	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	219596	51.691	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	252933	52.227	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	138381	51.072	ug/l	95
56) Ethyl methacrylate	10.43	69	182434	51.197	ug/l	95
57) 1,3-Dichloropropane	10.71	76	251833	52.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	541678	267.007	ug/l	99
59) 2-Hexanone	10.75	43	570008	268.791	ug/l	98
60) Dibromochloromethane	10.90	129	158807	54.172	ug/l	99
61) 1,2-Dibromoethane	11.00	107	134494	49.832	ug/l	99
64) Tetrachloroethene	10.63	164	139619	49.808	ug/l	99
65) Chlorobenzene	11.43	112	414715	49.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	148912	52.396	ug/l	100
67) Ethyl Benzene	11.51	91	751943	51.983	ug/l	100
68) m/p-Xylenes	11.62	106	552951	104.622	ug/l	97
69) o-Xylene	11.95	106	269777	53.249	ug/l	98
70) Styrene	11.96	104	440725	54.329	ug/l	99
71) Bromoform	12.13	173	96621	57.580	ug/l #	97
73) Isopropylbenzene	12.25	105	740210	49.621	ug/l	98
74) N-amyl acetate	12.07	43	260990	49.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	174482	48.386	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	233521	74.175	ug/l #	100
77) Bromobenzene	12.53	156	166185	47.880	ug/l	96
78) n-propylbenzene	12.59	91	876496	50.241	ug/l	99
79) 2-Chlorotoluene	12.67	91	510659	50.105	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	606117	51.094	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	45685	47.066	ug/l	93
82) 4-Chlorotoluene	12.77	91	520128	49.813	ug/l	97
83) tert-Butylbenzene	12.99	119	516789	49.345	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	611408	51.341	ug/l	99
85) sec-Butylbenzene	13.17	105	724280	50.768	ug/l	99
86) p-Isopropyltoluene	13.29	119	620792	51.369	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	303965	49.310	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	302842	49.415	ug/l	99
89) n-Butylbenzene	13.61	91	549005	52.894	ug/l	100
90) Hexachloroethane	13.87	117	107587	50.263	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	299997	50.232	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29609	55.682	ug/l	89

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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

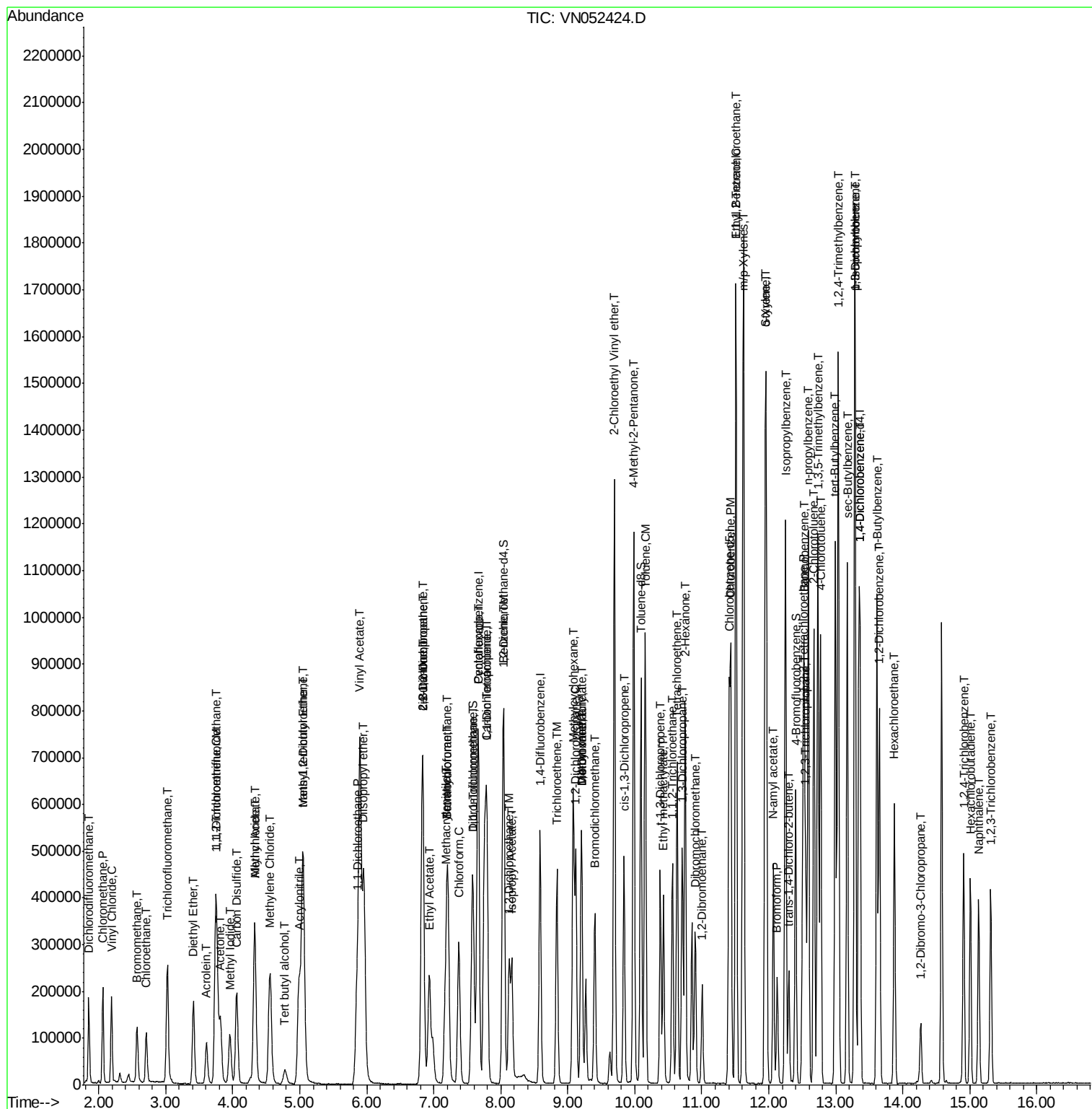
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	134732	48.554	ug/l	99
94) Hexachlorobutadiene	15.01	225	69964	51.183	ug/l	99
95) Naphthalene	15.13	128	312232	47.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	123823	54.564	ug/l	98

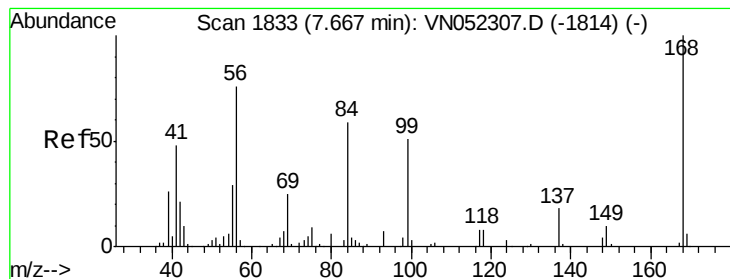
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112018\
 Data File : VN052424.D
 Acq On : 20 Nov 2018 22:38
 Operator : MD\SY
 Sample : VSTDC0050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 23:59:25 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

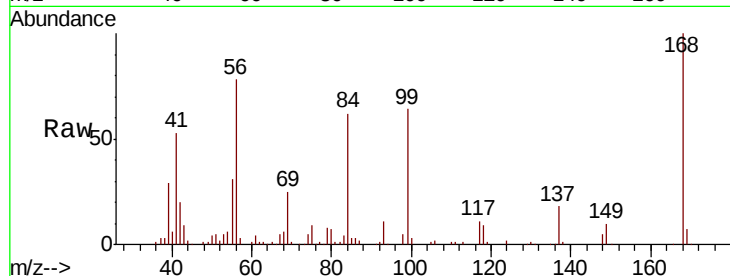
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 259790

Ion Ratio Lower Upper

168 100

99 63.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

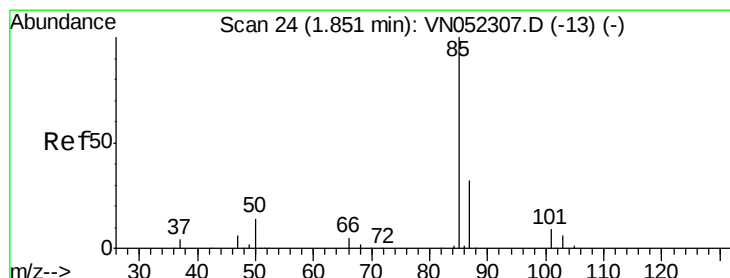
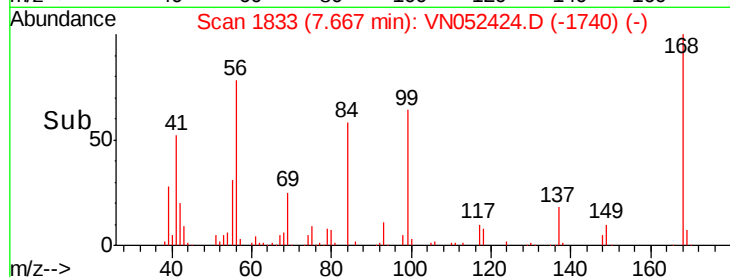
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.242 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052424.D

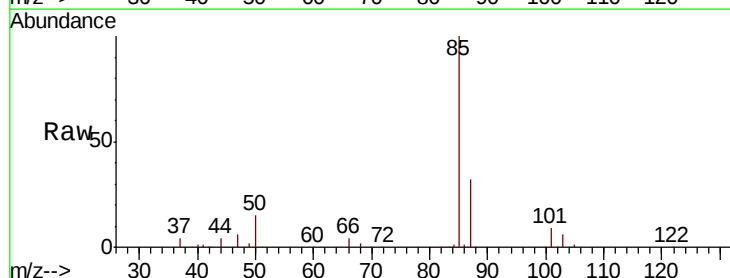
Acq: 20 Nov 2018 22:38

Tgt Ion: 85 Resp: 132805

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

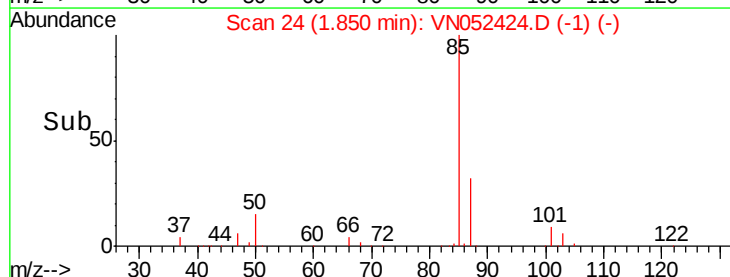
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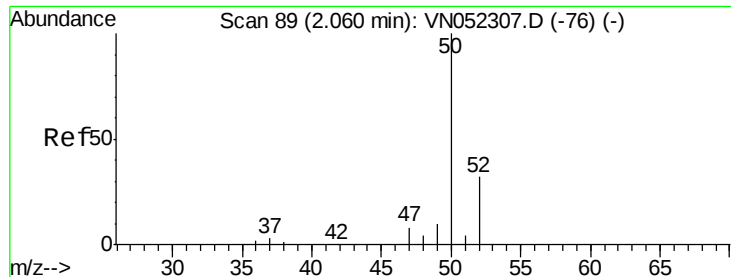
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.351 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

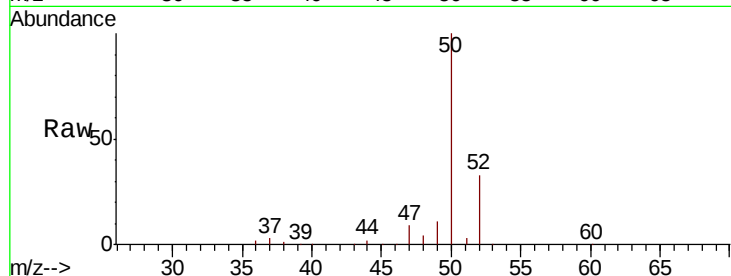
ClientSampled :

Tot Ion: 50 Resp: 184975

Ion Ratio Lower Upper

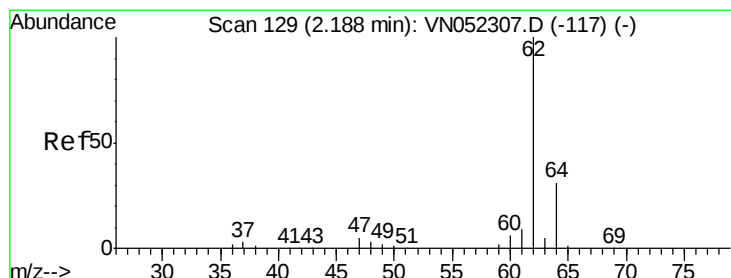
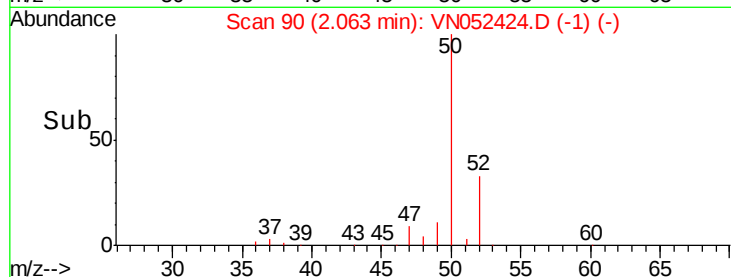
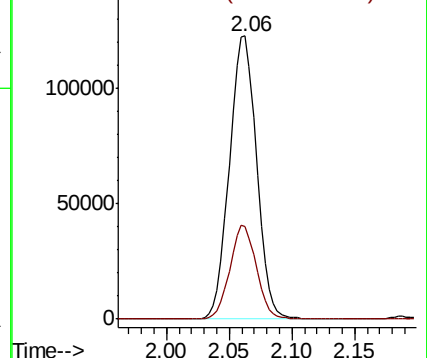
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.437 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052424.D

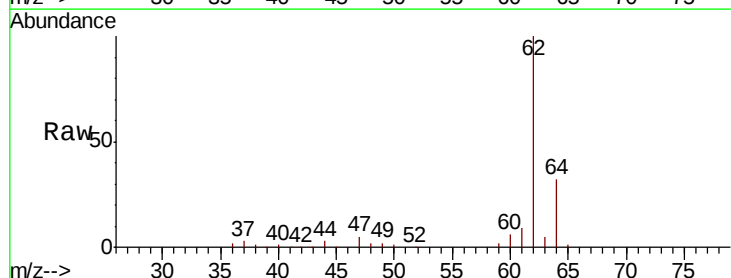
Acq: 20 Nov 2018 22:38

Tgt Ion: 62 Resp: 160179

Ion Ratio Lower Upper

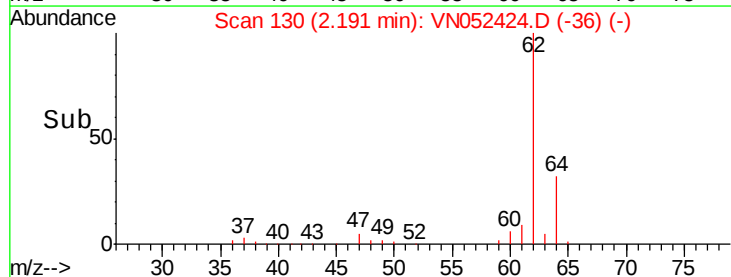
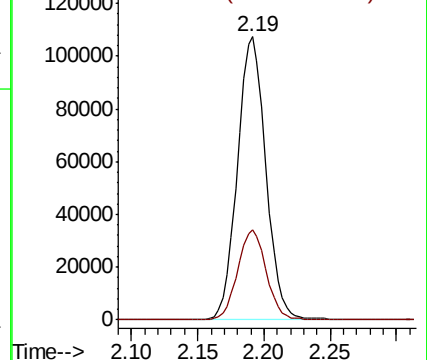
62 100

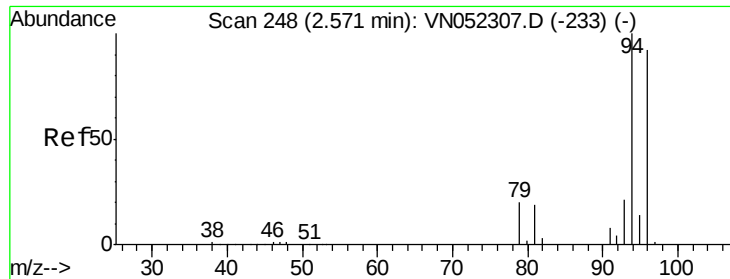
64 31.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 37.491 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

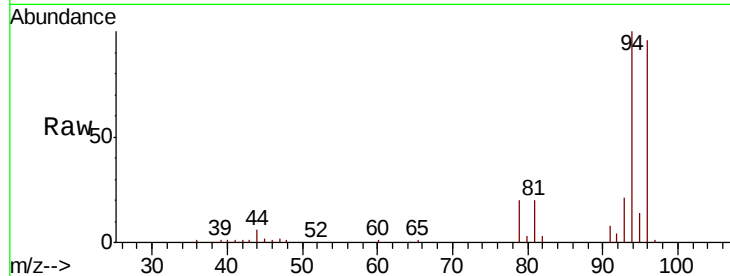
ClientSampleId :

Tot Ion: 94 Resp: 77293

Ion Ratio Lower Upper

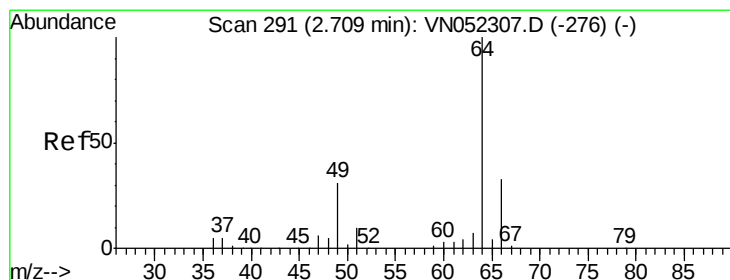
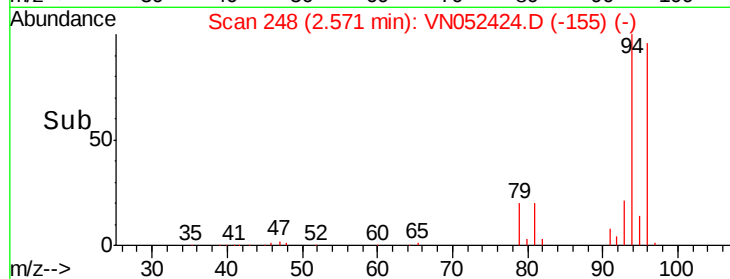
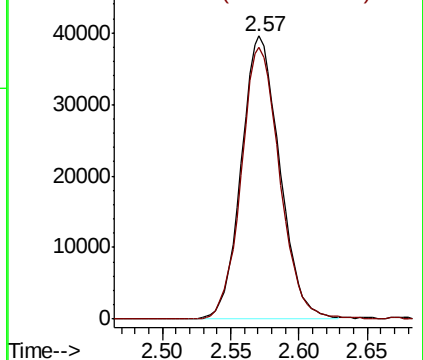
94 100

96 95.9 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.079 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052424.D

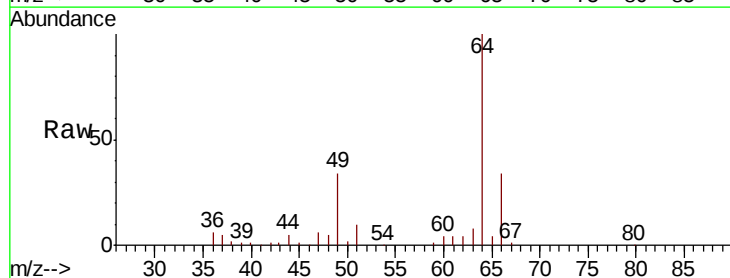
Acq: 20 Nov 2018 22:38

Tgt Ion: 64 Resp: 91767

Ion Ratio Lower Upper

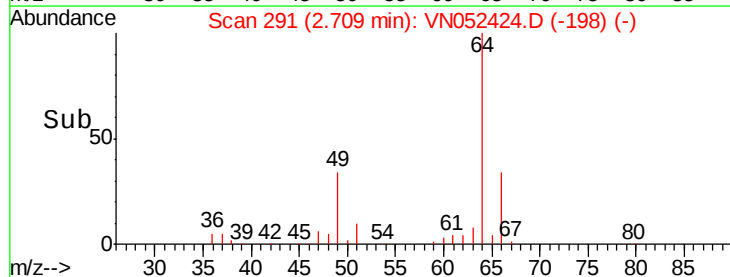
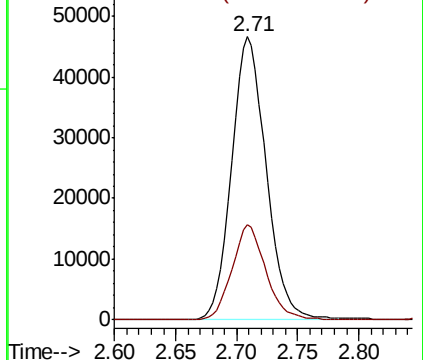
64 100

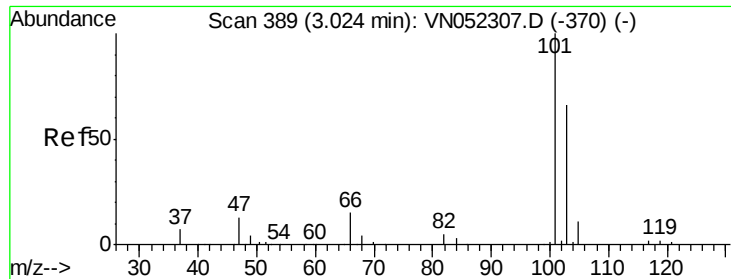
66 33.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



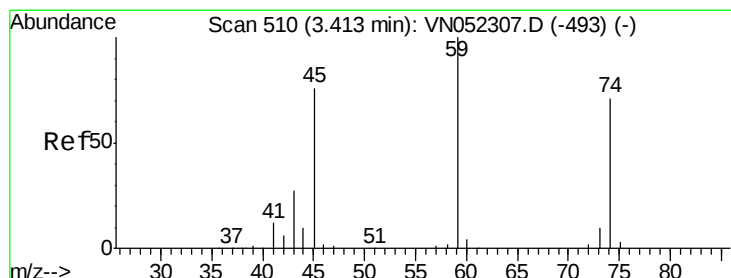
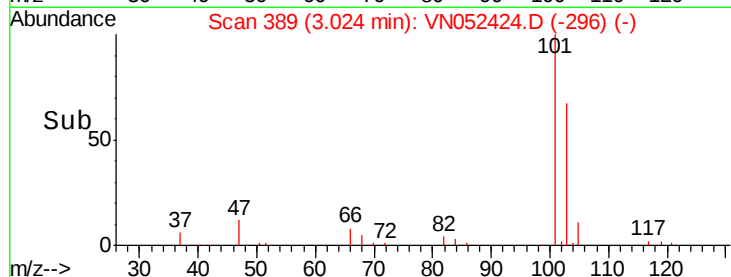
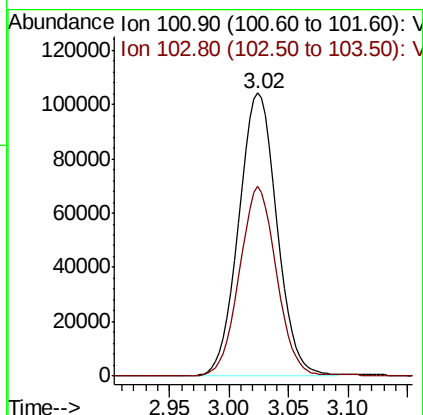
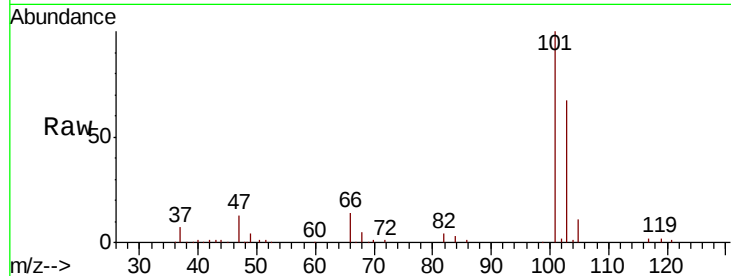


#7

Trichlorofluoromethane
 Concen: 50.680 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Instrument :
 MSVOA_N
 ClientSampled :

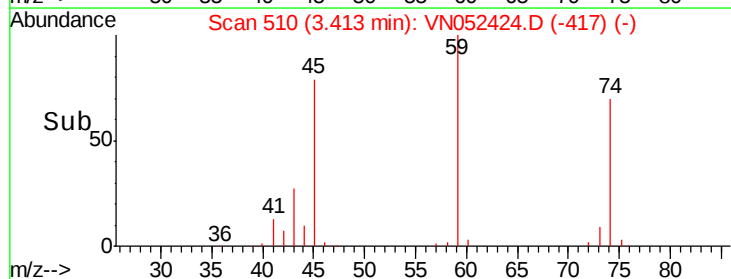
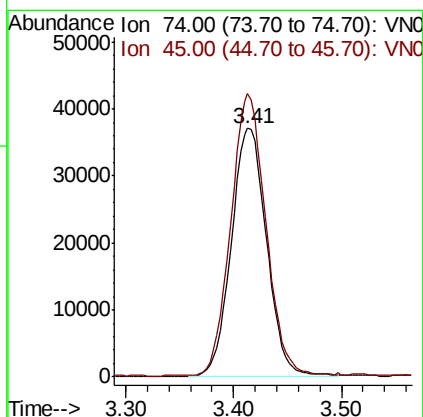
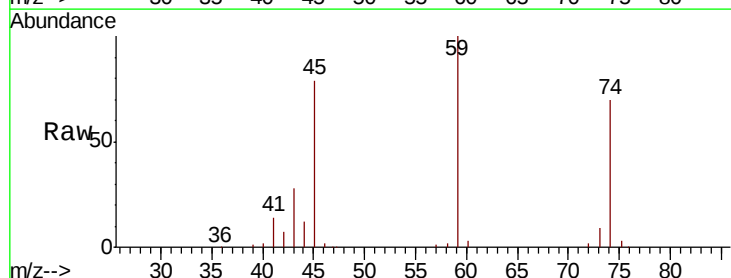
Tot Ion:101 Resp: 231917
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.8 79.2

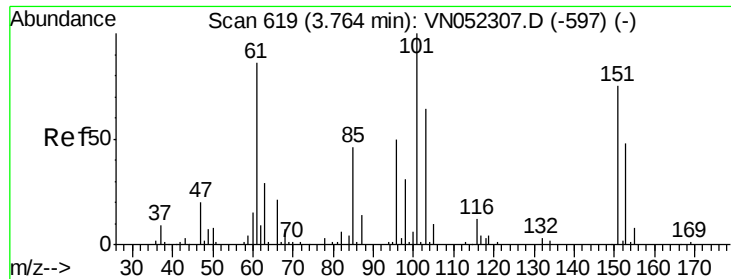


#8

Diethyl Ether
 Concen: 48.695 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 74 Resp: 84928
 Ion Ratio Lower Upper
 74 100
 45 112.0 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.432 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampleId :

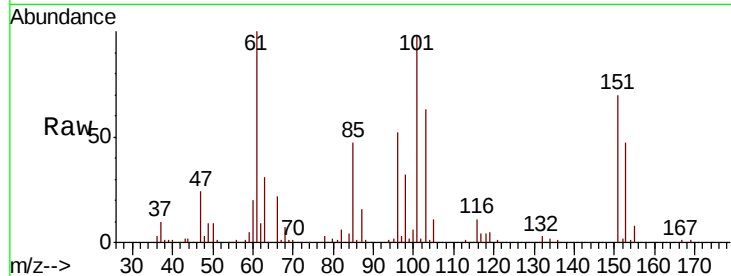
Tot Ion:101 Resp: 134185

Ion Ratio Lower Upper

101 100

85 48.2 37.4 56.0

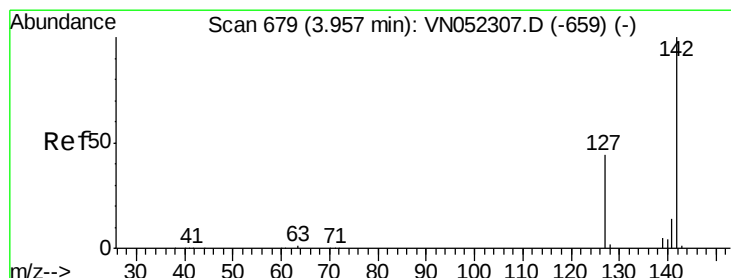
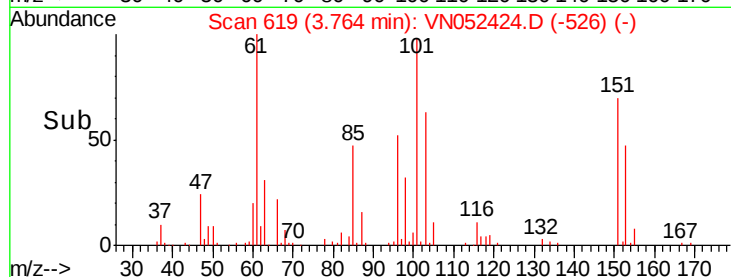
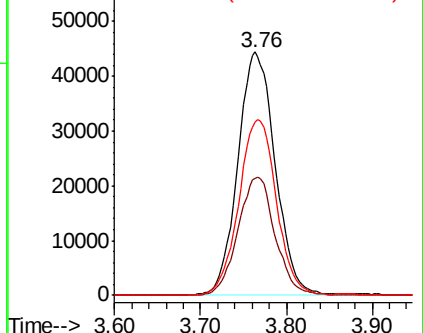
151 72.6 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.190 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

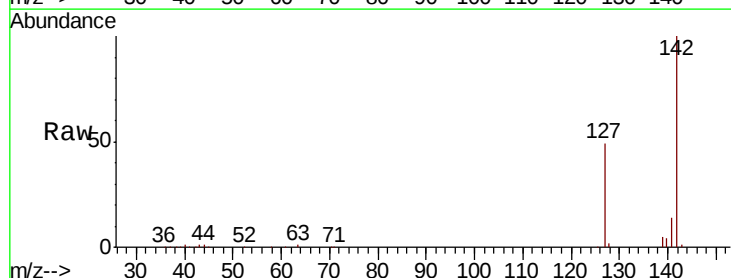
Tgt Ion:142 Resp: 163707

Ion Ratio Lower Upper

142 100

127 49.0 36.3 54.5

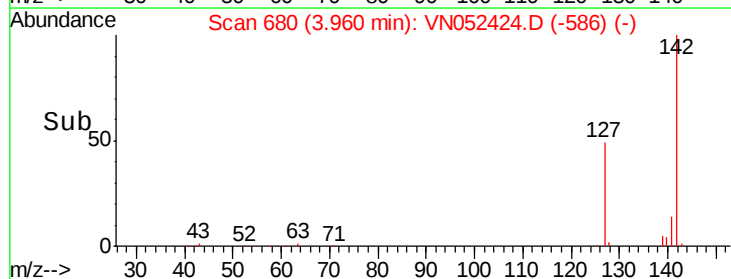
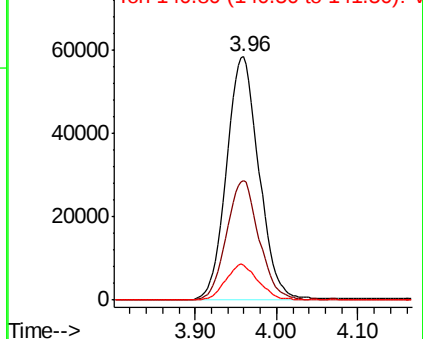
141 14.7 11.4 17.2

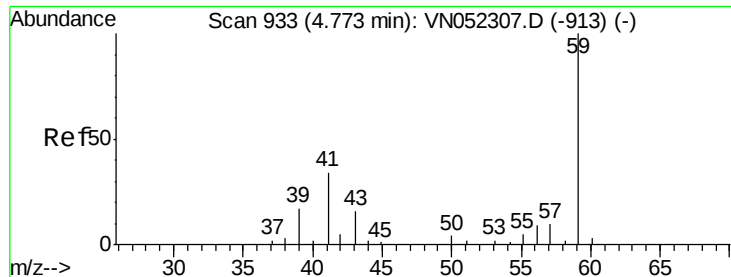


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

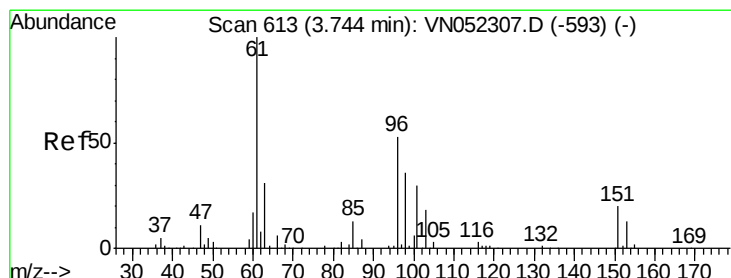
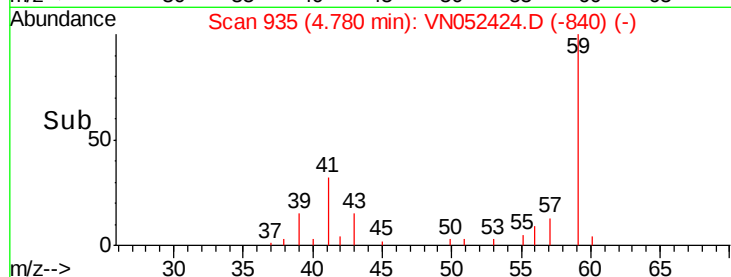
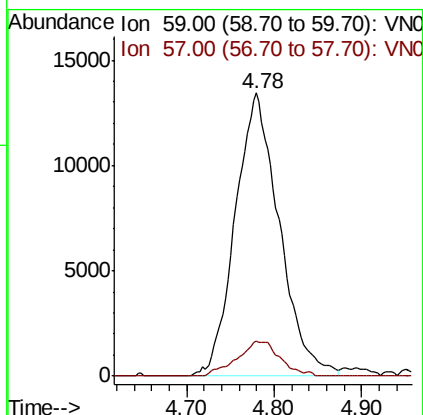
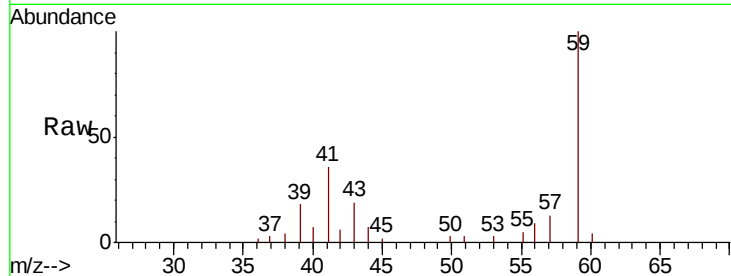




#11
Tert butyl alcohol
Concen: 242.830 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

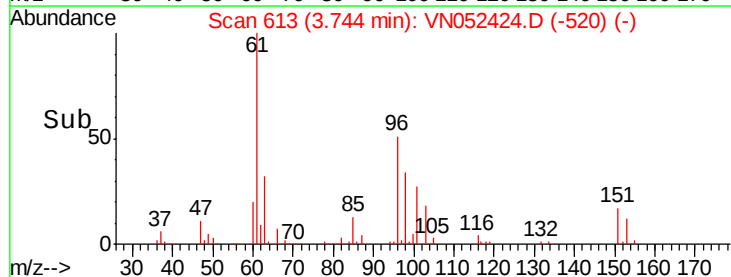
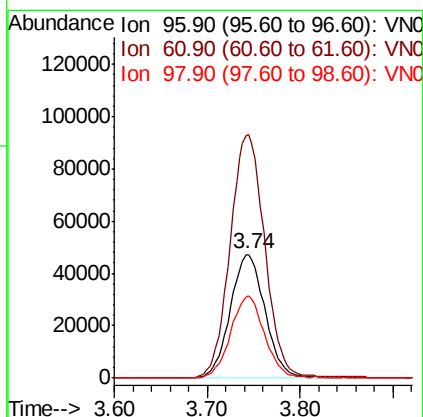
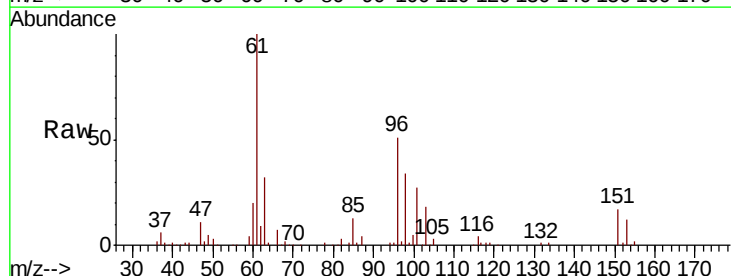
Instrument :
MSVOA_N
ClientSampled :

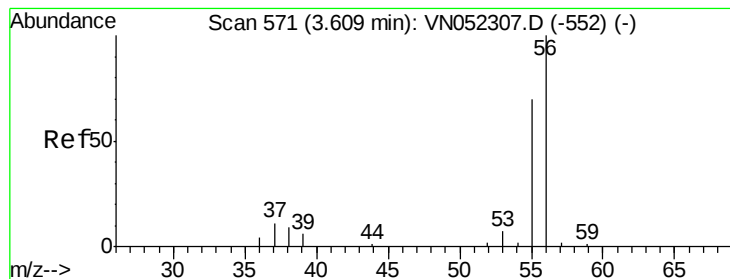
Tot Ion: 59 Resp: 47054
Ion Ratio Lower Upper
59 100
57 12.0 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.135 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 96 Resp: 123378
Ion Ratio Lower Upper
96 100
61 196.8 149.6 224.4
98 66.2 54.2 81.2





#13

Acrolein

Concen: 316.744 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

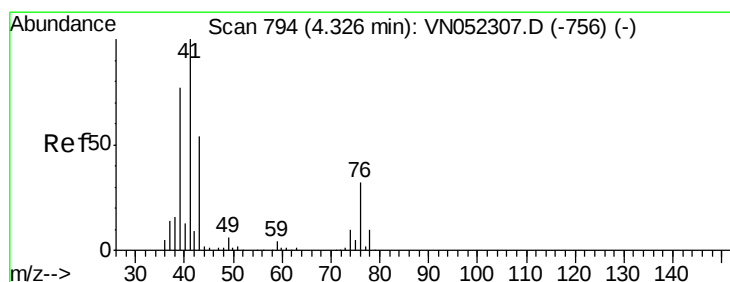
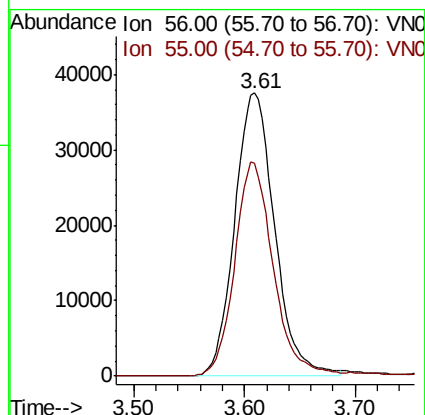
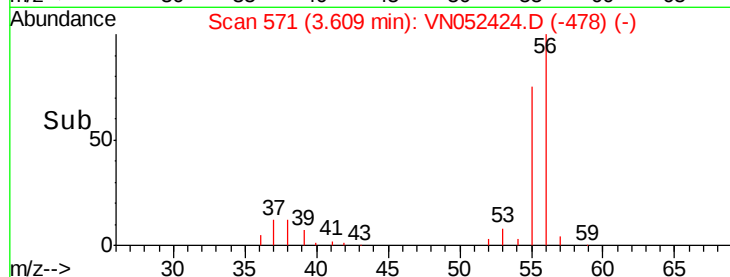
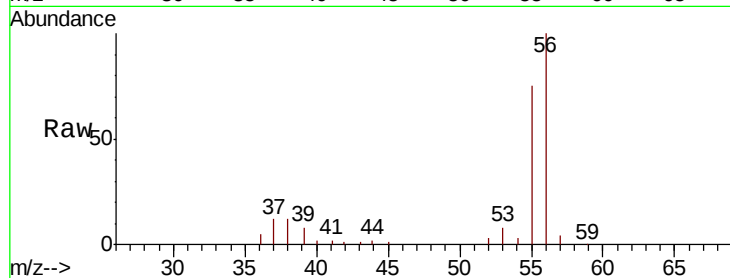
ClientSampled :

Tot Ion: 56 Resp: 94436

Ion Ratio Lower Upper

56 100

55 72.9 57.6 86.4



#14

Allyl chloride

Concen: 47.247 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

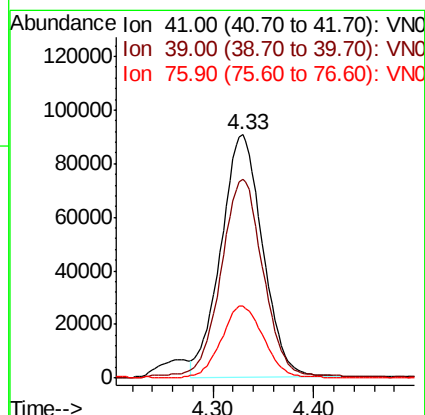
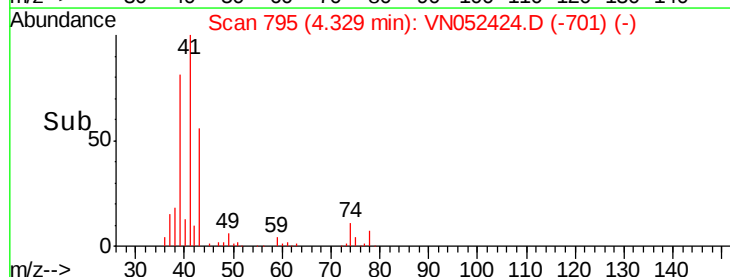
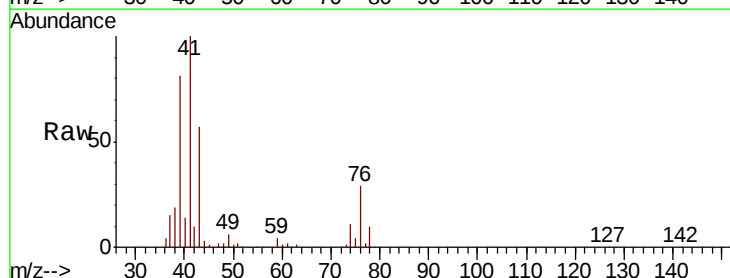
Tgt Ion: 41 Resp: 259444

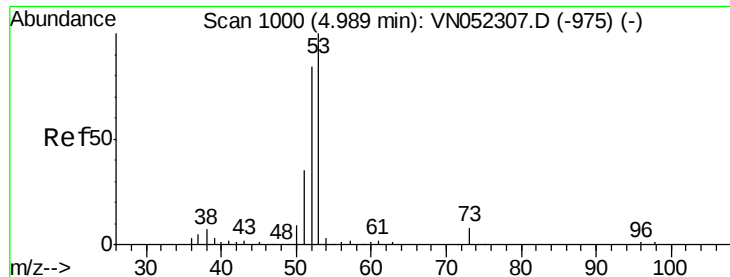
Ion Ratio Lower Upper

41 100

39 83.8 59.1 88.7

76 29.8 24.1 36.1





#15

Acrylonitrile

Concen: 253.057 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

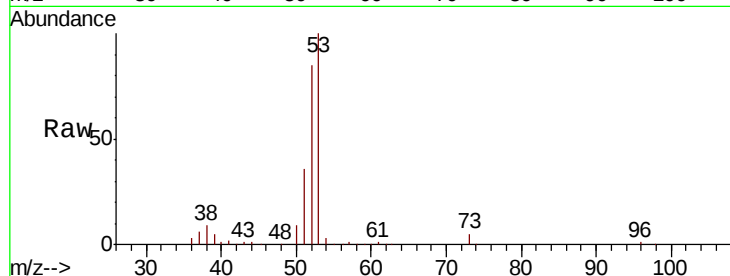
Tot Ion: 53 Resp: 280001

Ion Ratio Lower Upper

53 100

52 83.7 67.5 101.3

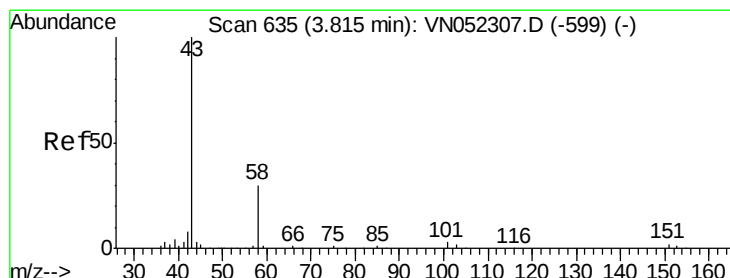
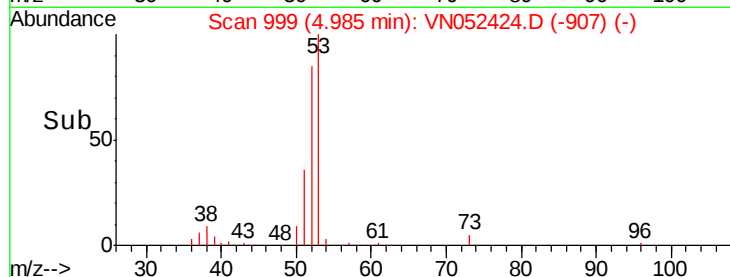
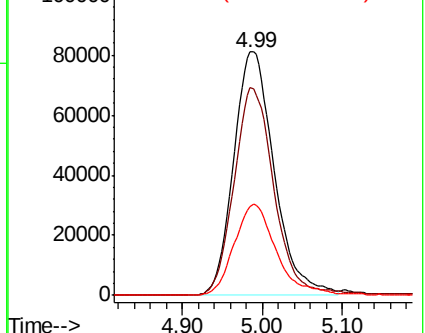
51 38.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN052307.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN052307.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN052307.D (-975) (-)



#16

Acetone

Concen: 222.732 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052424.D

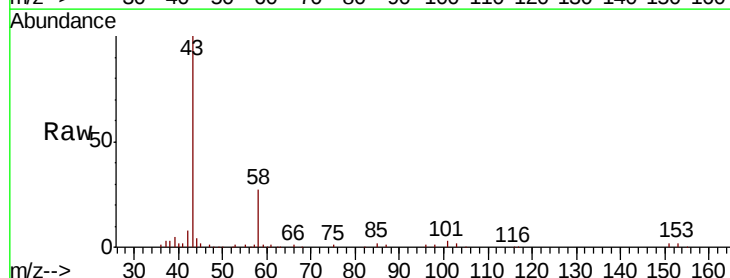
Acq: 20 Nov 2018 22:38

Tgt Ion: 43 Resp: 225016

Ion Ratio Lower Upper

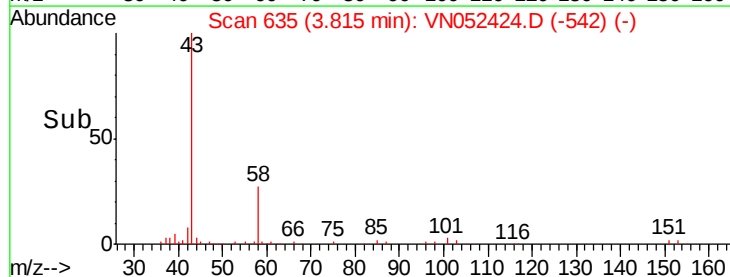
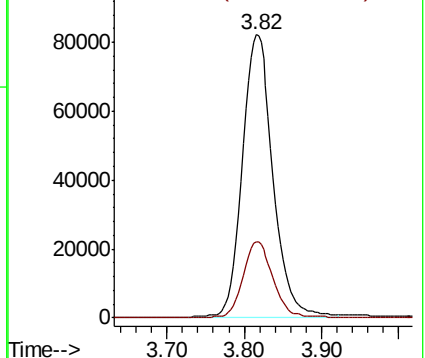
43 100

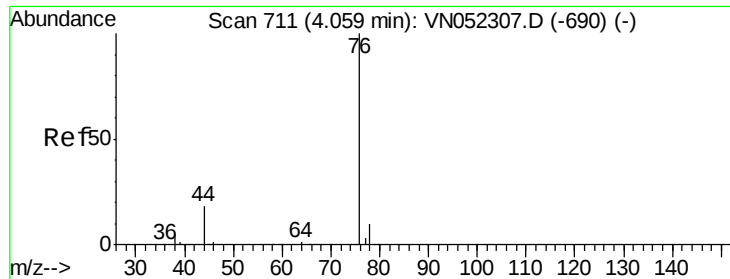
58 27.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

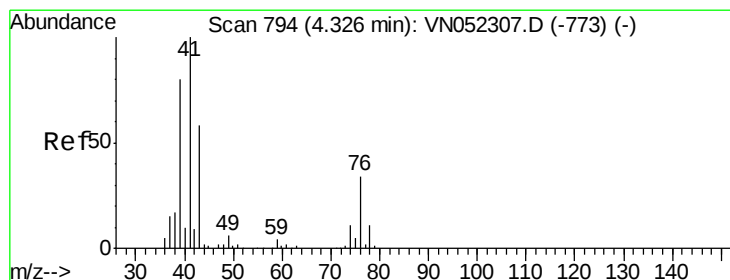
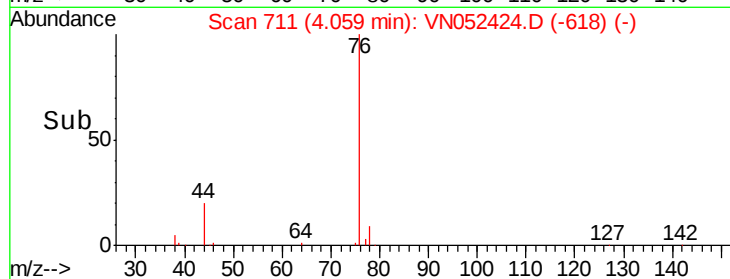
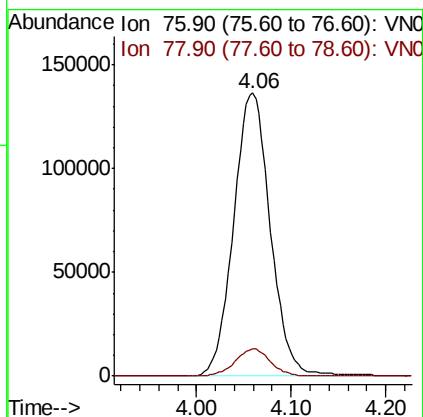
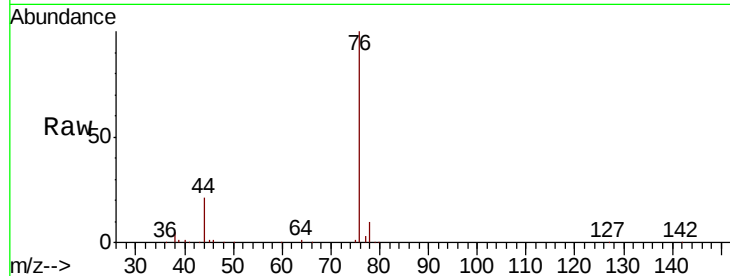




#17
Carbon Disulfide
Concen: 47.894 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

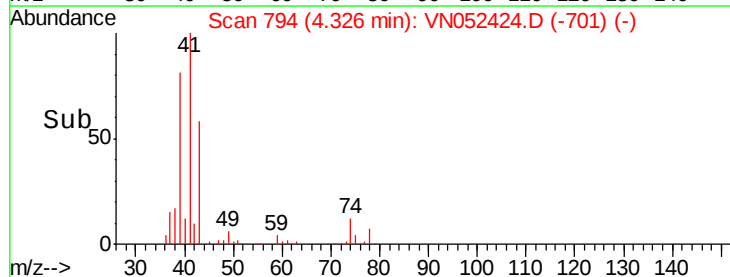
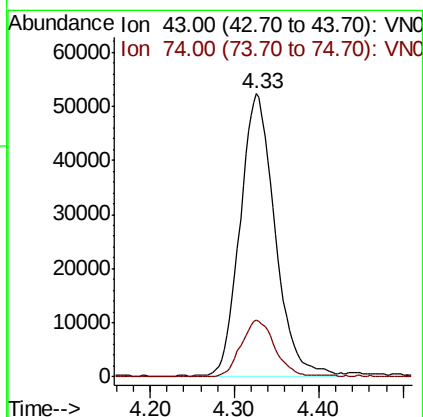
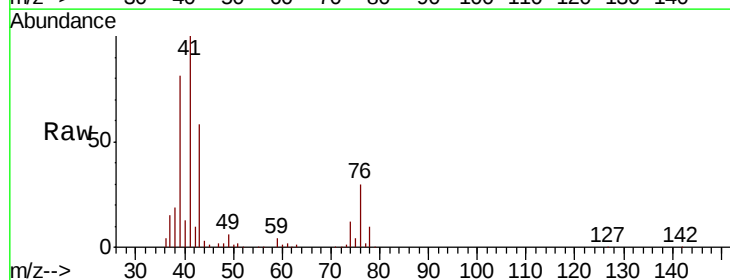
Instrument :
MSVOA_N
ClientSampled :

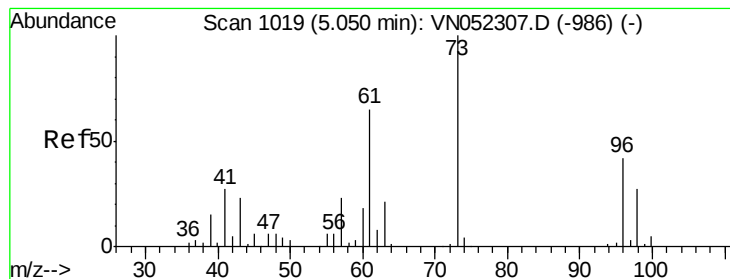
Tot Ion: 76 Resp: 367276
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5



#18
Methyl Acetate
Concen: 52.945 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 43 Resp: 149958
Ion Ratio Lower Upper
43 100
74 19.6 15.9 23.9



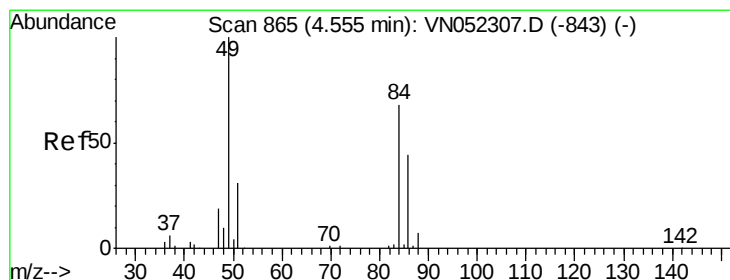
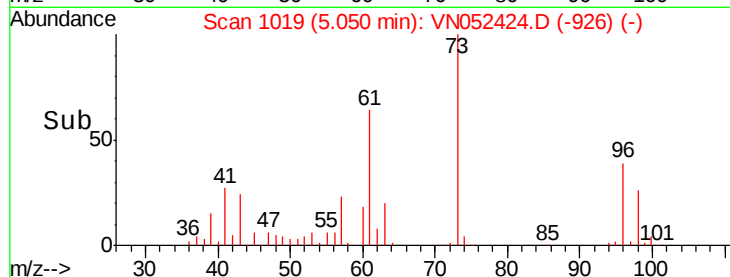
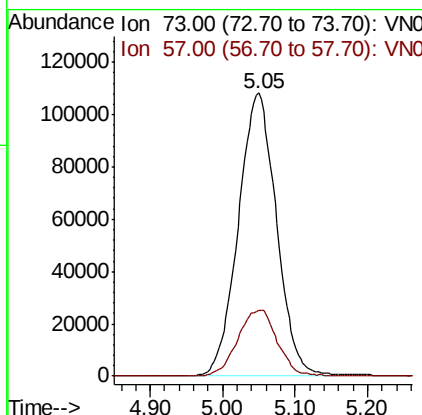
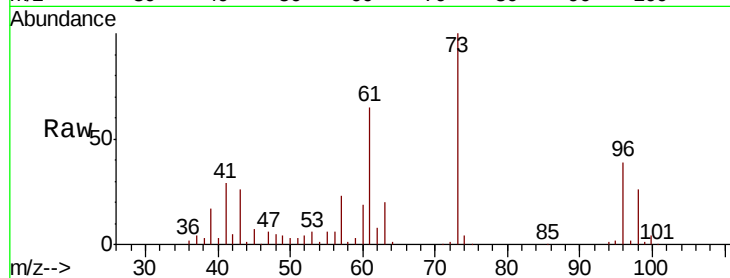


#19

Methyl tert-butyl Ether
 Concen: 51.555 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Instrument :
 MSVOA_N
 ClientSampled :

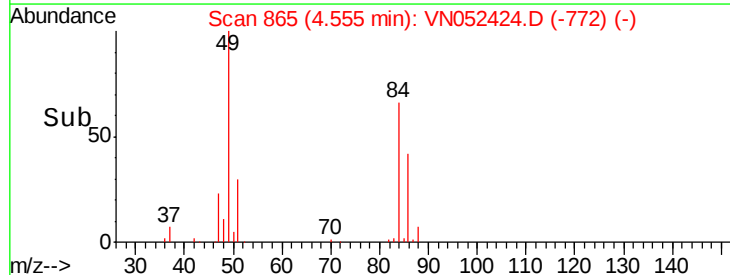
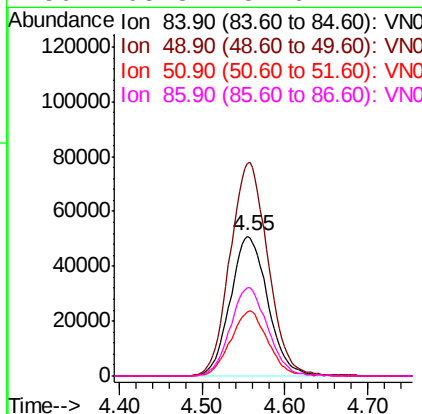
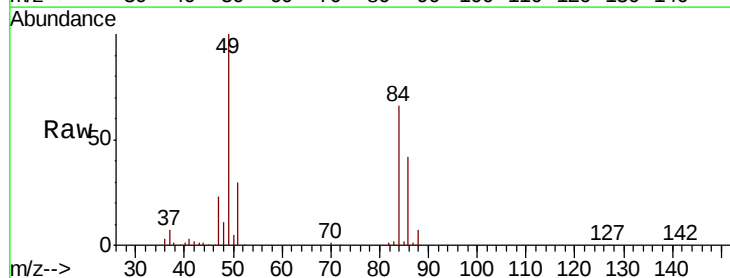
Tot Ion: 73 Resp: 396217
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.7 28.1

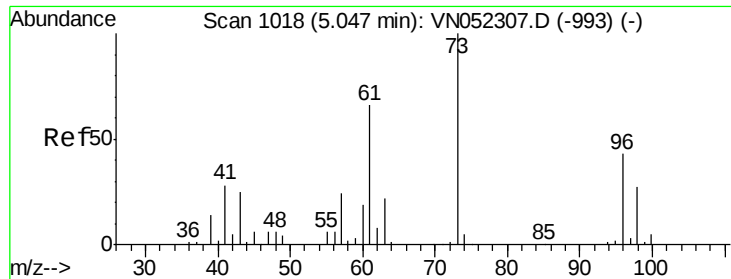


#20

Methylene Chloride
 Concen: 52.071 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 84 Resp: 159950
 Ion Ratio Lower Upper
 84 100
 49 151.9 118.2 177.2
 51 45.4 36.1 54.1
 86 63.3 51.6 77.4

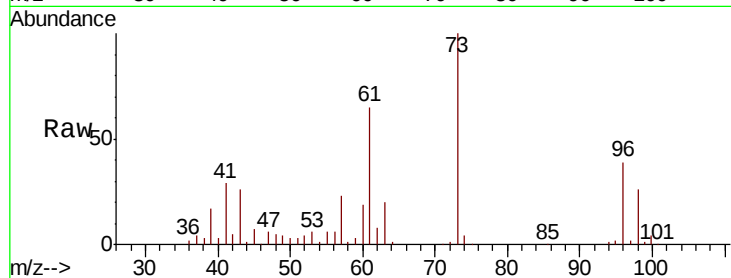




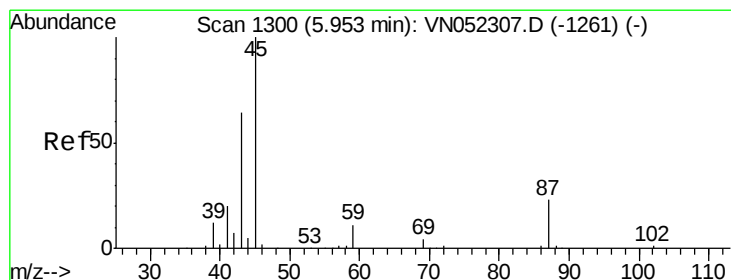
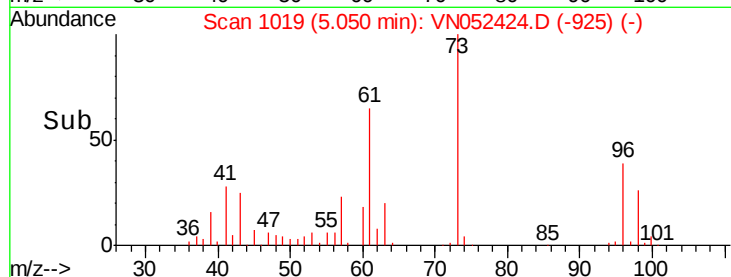
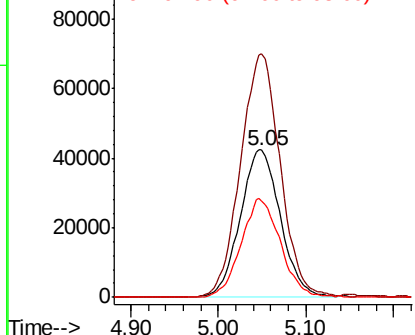
#21
trans-1,2-Dichloroethene
Concen: 46.836 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 134855
Ion Ratio Lower Upper
96 100
61 165.0 123.6 185.4
98 65.5 50.7 76.1

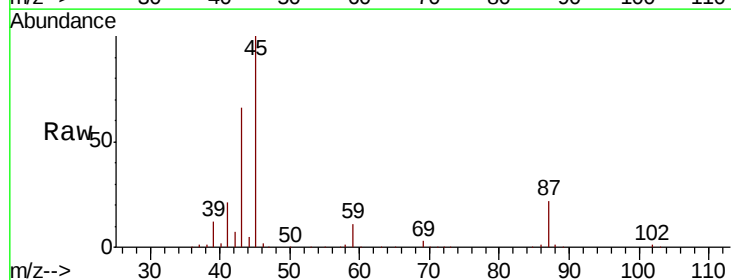


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

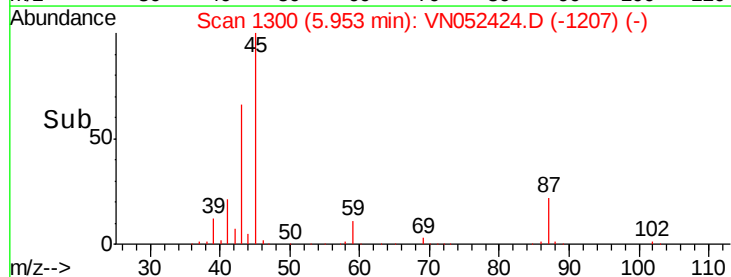
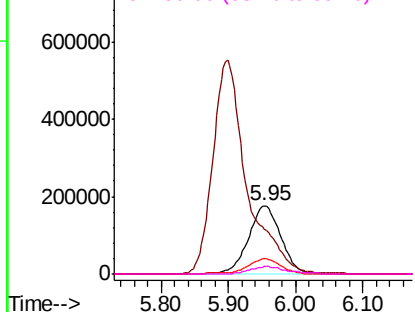


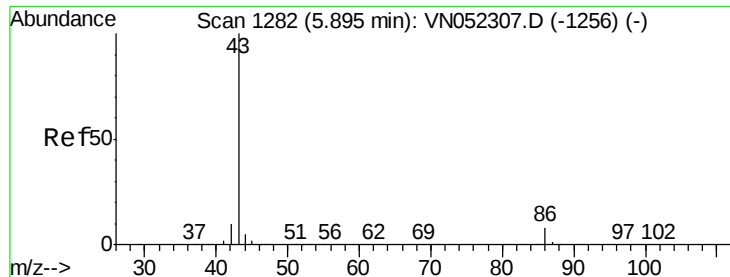
#22
Diisopropyl ether
Concen: 52.790 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 45 Resp: 591473
Ion Ratio Lower Upper
45 100
43 64.8 51.4 77.2
87 22.0 18.8 28.2
59 10.5 8.6 12.8



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

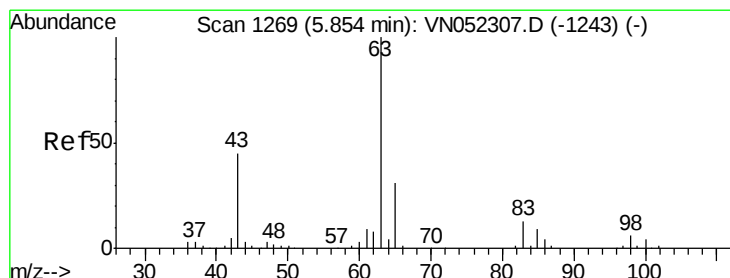
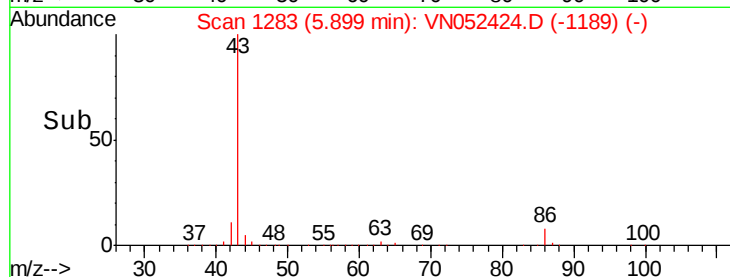
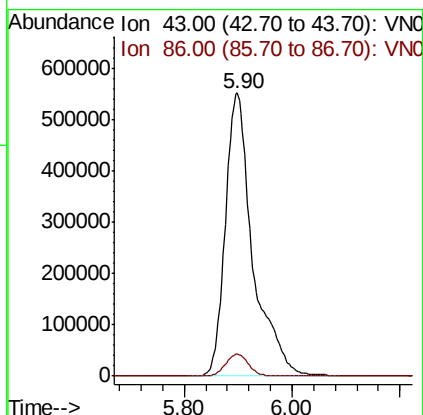
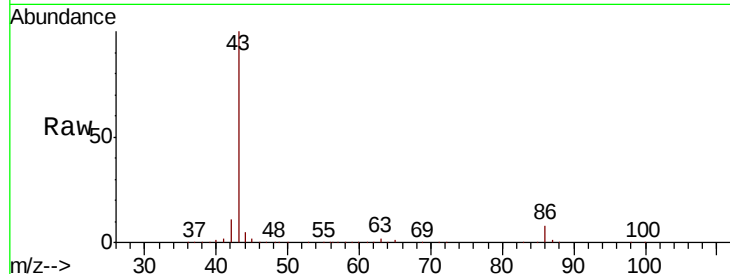




#23
 Vinyl Acetate
 Concen: 256.373 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

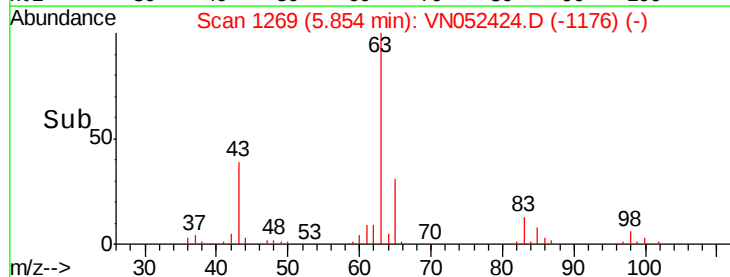
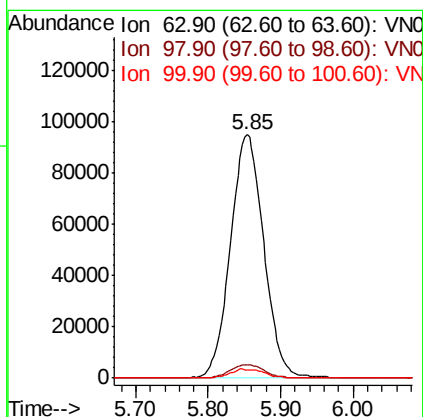
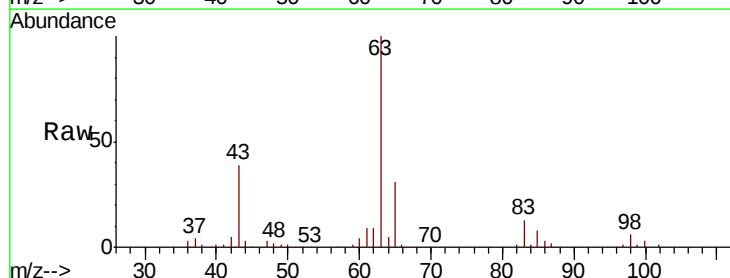
Instrument :
 MSVOA_N
 ClientSampled :

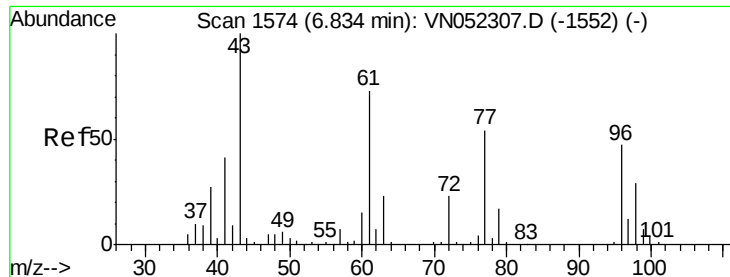
Tot Ion: 43 Resp: 1948553
 Ion Ratio Lower Upper
 43 100
 86 7.8 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 50.648 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 63 Resp: 304287
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.6
 100 3.5 1.9 5.7

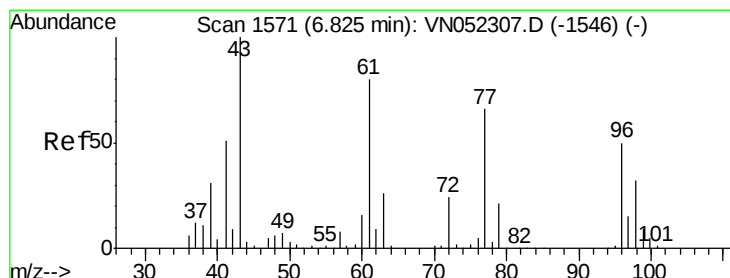
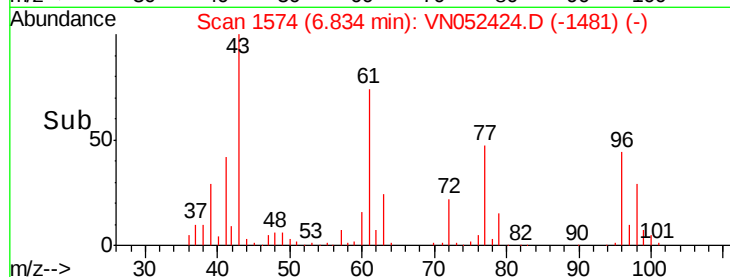
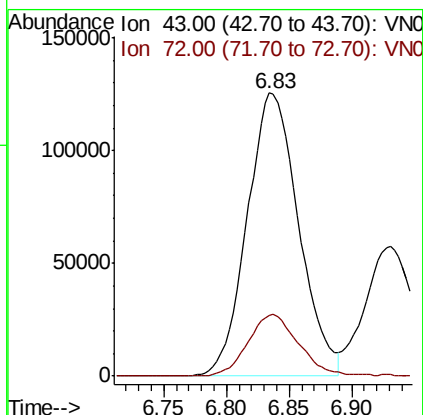
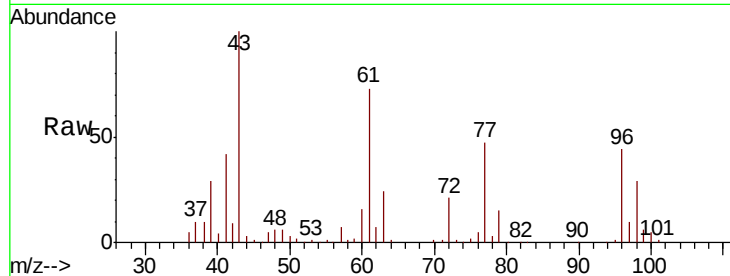




#25
2-Butanone
Concen: 250.104 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

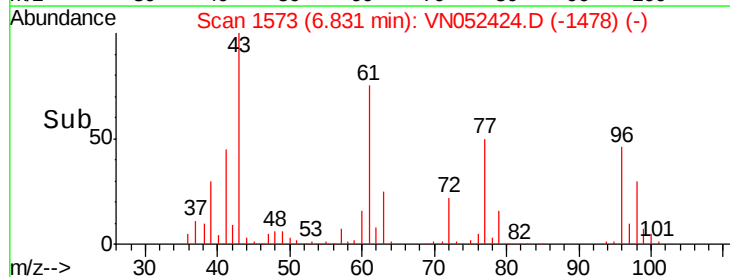
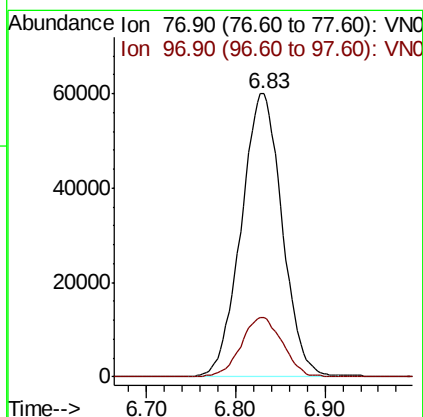
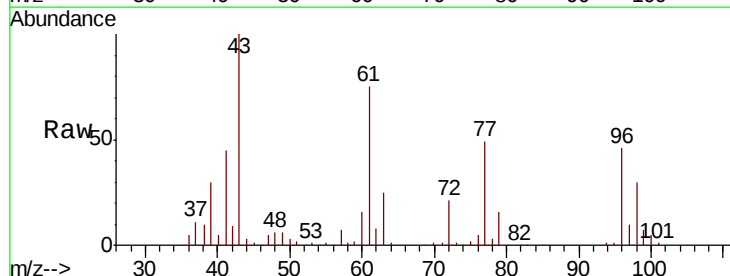
Instrument :
MSVOA_N
ClientSampled :

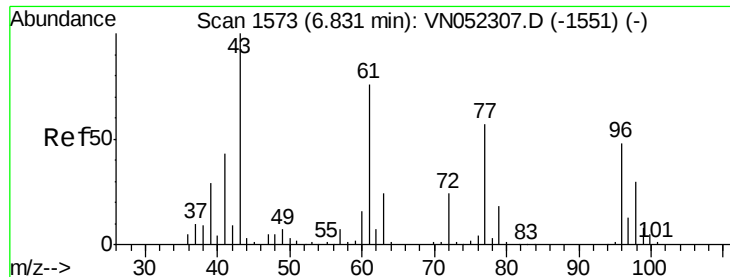
Tot Ion: 43 Resp: 355650
Ion Ratio Lower Upper
43 100
72 21.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 43.292 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 77 Resp: 191249
Ion Ratio Lower Upper
77 100
97 21.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 47.561 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampleId :

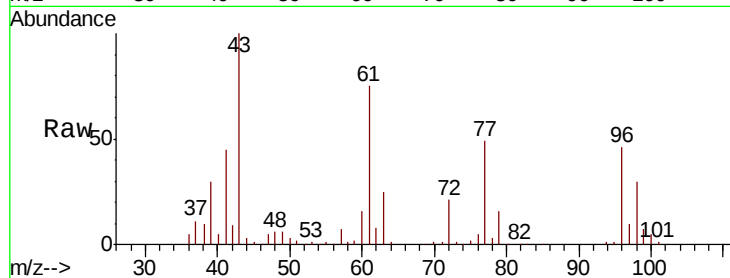
Tot Ion: 96 Resp: 159416

Ion Ratio Lower Upper

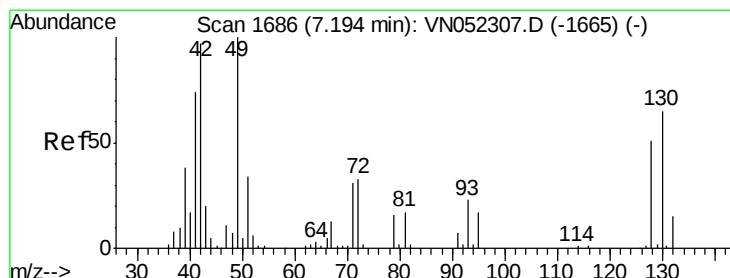
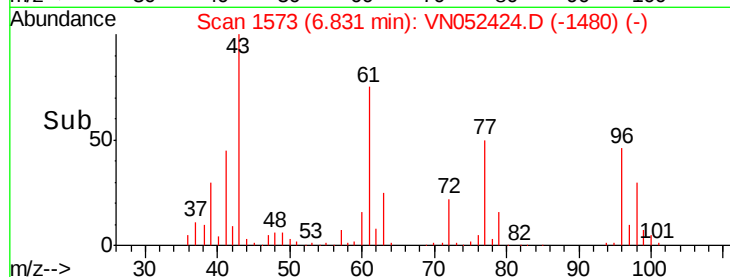
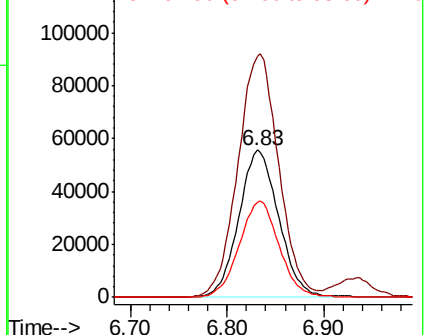
96 100

61 169.0 0.0 316.8

98 65.4 0.0 126.6



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: 50.274 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

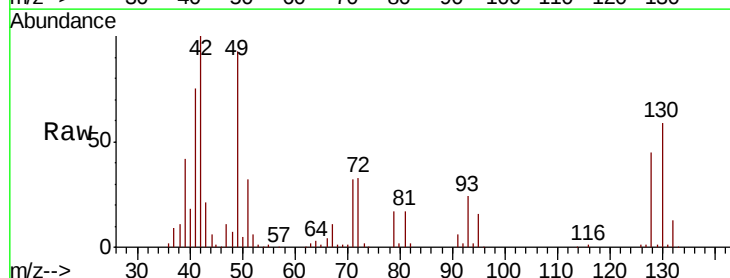
Tgt Ion: 49 Resp: 155303

Ion Ratio Lower Upper

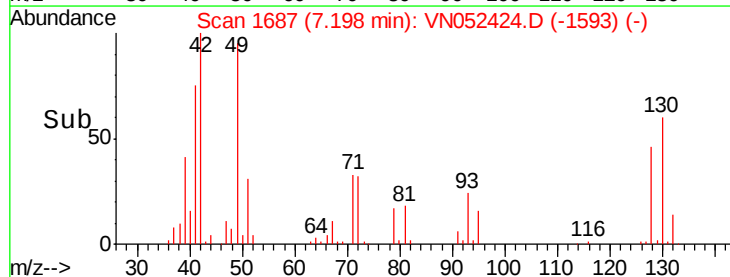
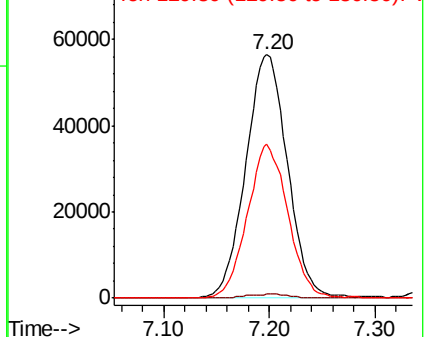
49 100

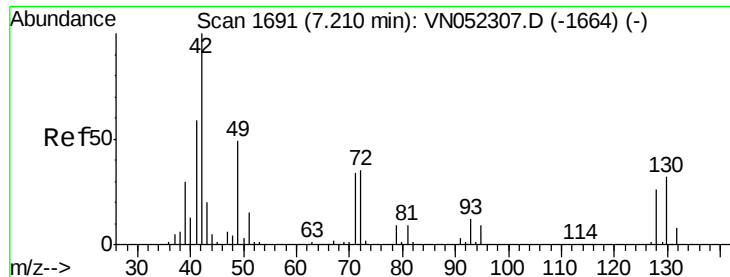
129 1.6 0.0 3.0

130 61.3 50.4 75.6



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

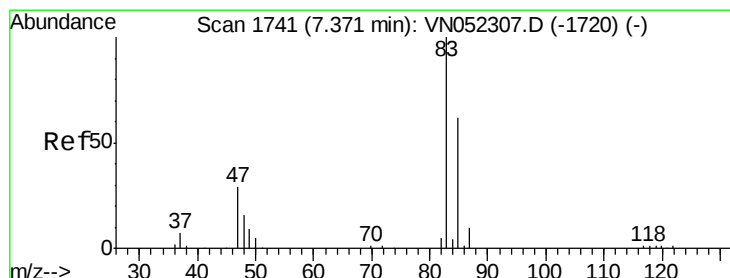
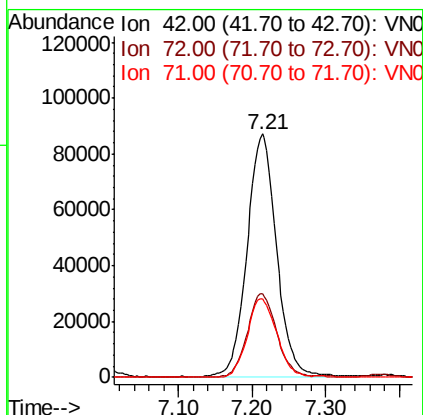
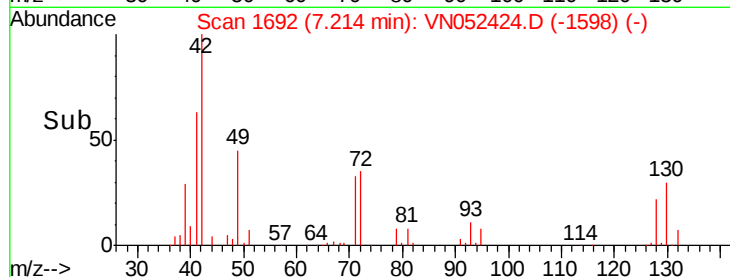
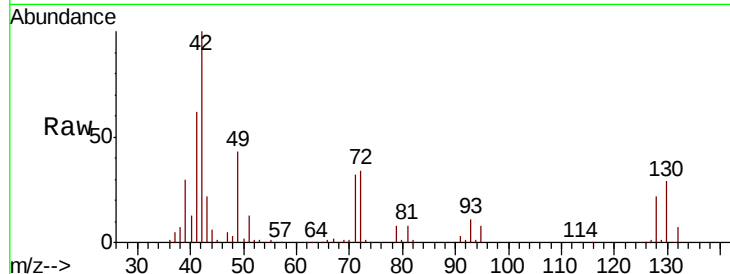




#29
Tetrahydrofuran
Concen: 259.580 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

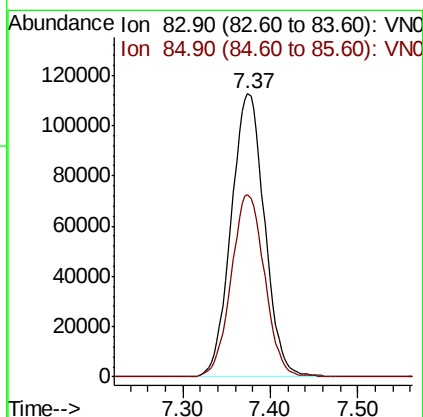
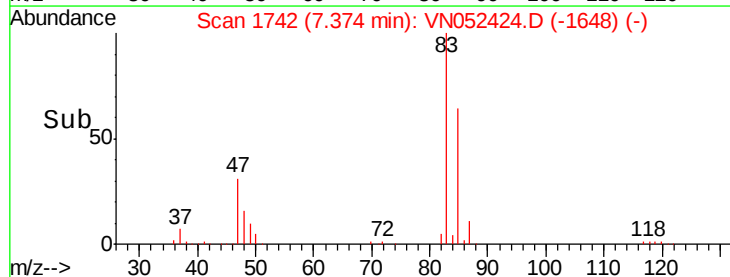
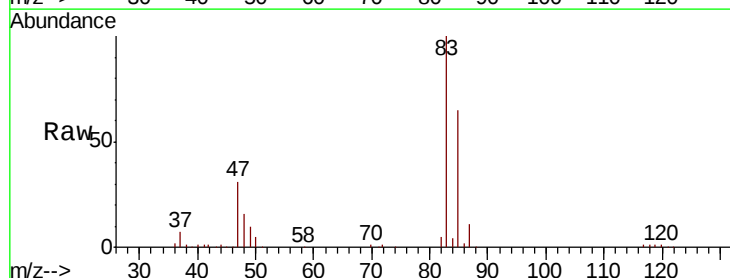
Instrument :
MSVOA_N
ClientSampled :

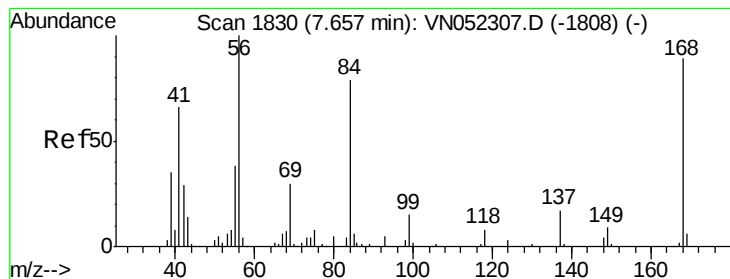
Tot Ion: 42 Resp: 242488
Ion Ratio Lower Upper
42 100
72 34.3 28.6 42.8
71 32.4 26.7 40.1



#30
Chloroform
Concen: 52.138 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 83 Resp: 298518
Ion Ratio Lower Upper
83 100
85 64.5 49.4 74.2





#31

Cyclohexane

Concen: 47.922 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

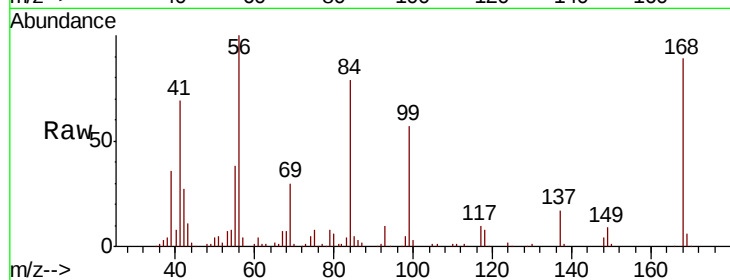
Tot Ion: 56 Resp: 267557

Ion Ratio Lower Upper

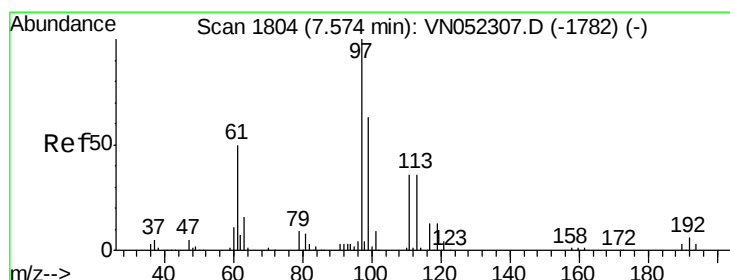
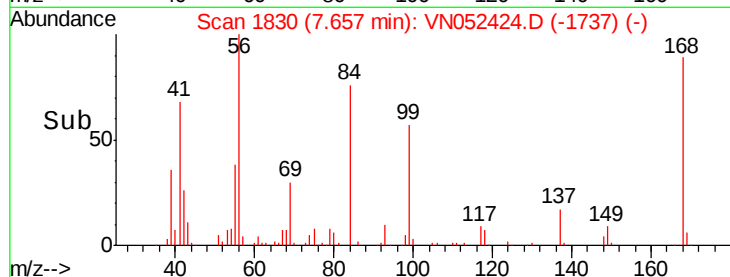
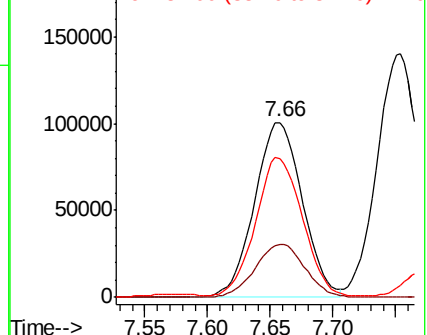
56 100

69 30.1 23.8 35.8

84 77.6 63.0 94.6



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



#32

1,1,1-Trichloroethane

Concen: 51.860 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

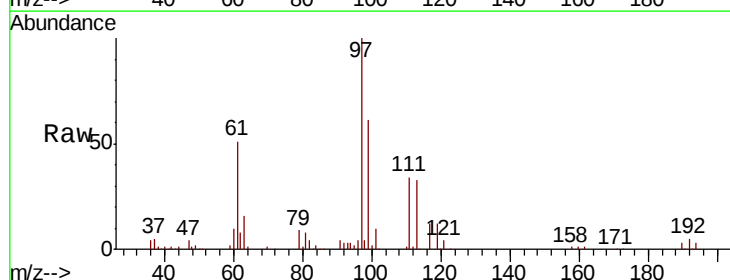
Tgt Ion: 97 Resp: 252944

Ion Ratio Lower Upper

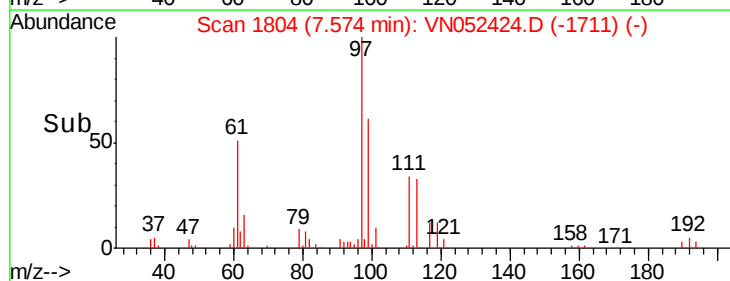
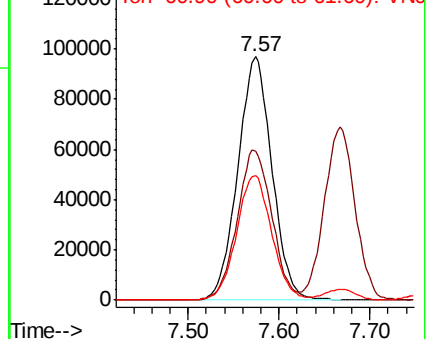
97 100

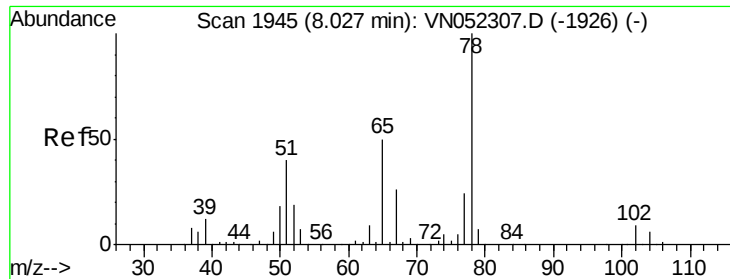
99 62.7 50.2 75.2

61 52.7 40.2 60.4



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

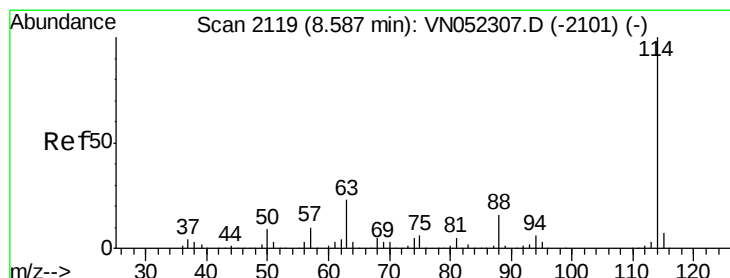
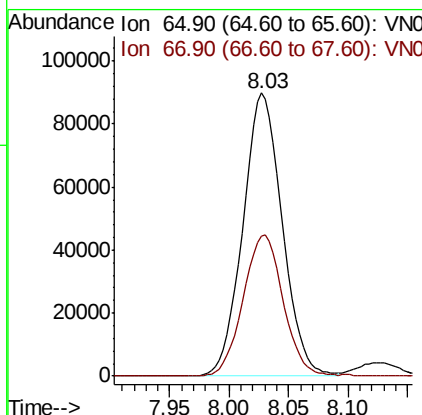
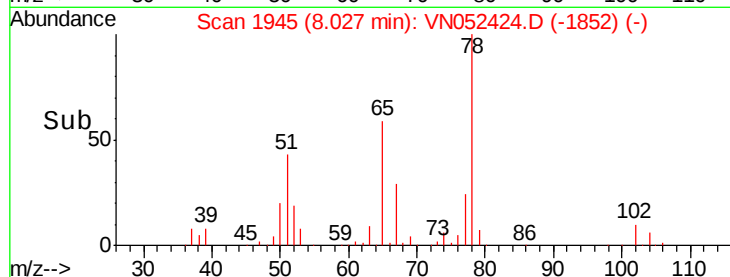
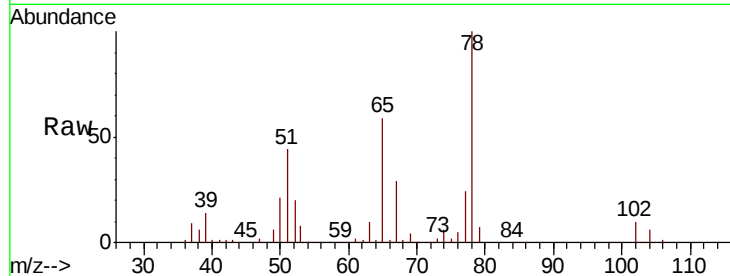




#33
 1,2-Dichloroethane-d4
 Concen: 51.860 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

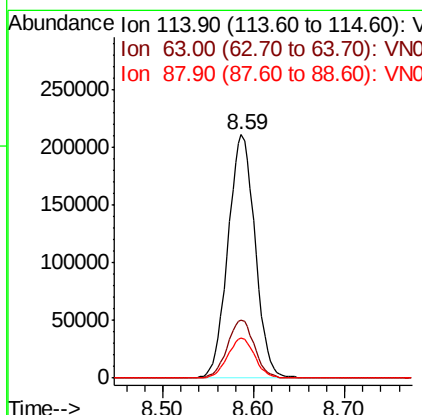
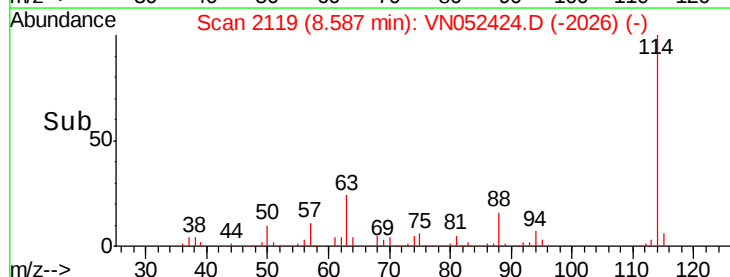
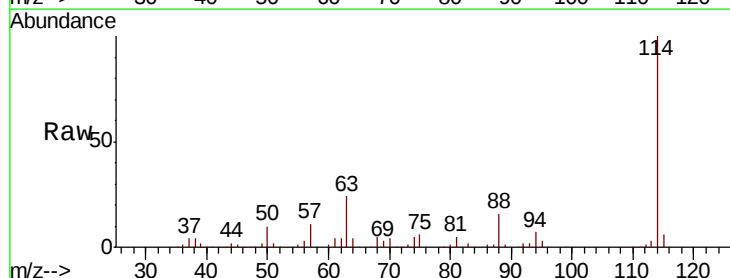
Instrument :
 MSVOA_N
 ClientSampled :

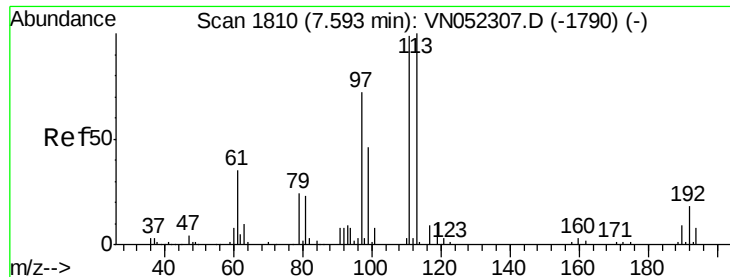
Tot Ion: 65 Resp: 205832
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 114 Resp: 436350
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.4
 88 16.4 0.0 31.2

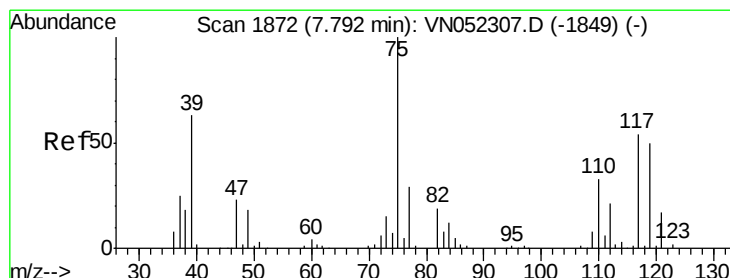
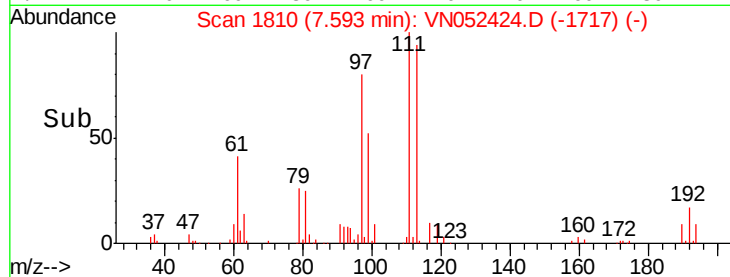
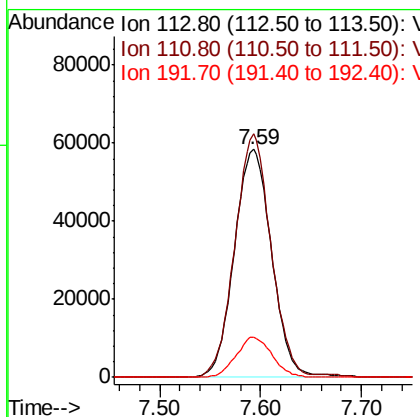
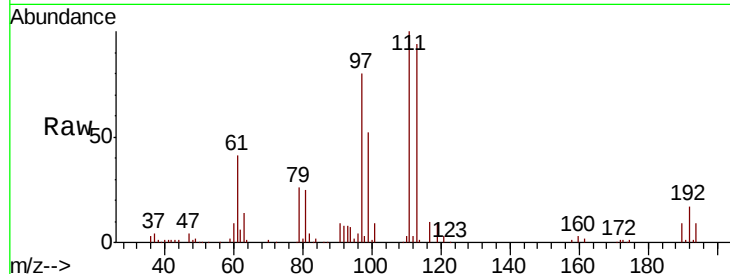




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

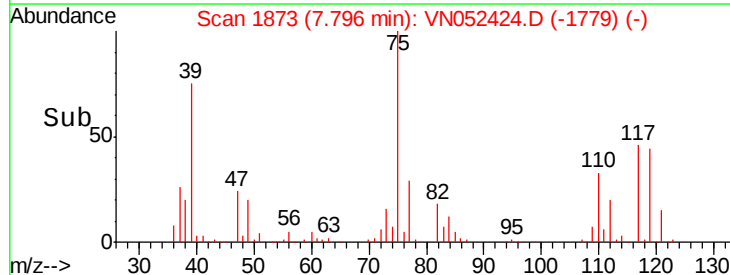
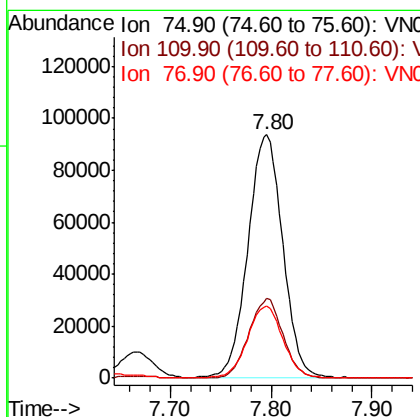
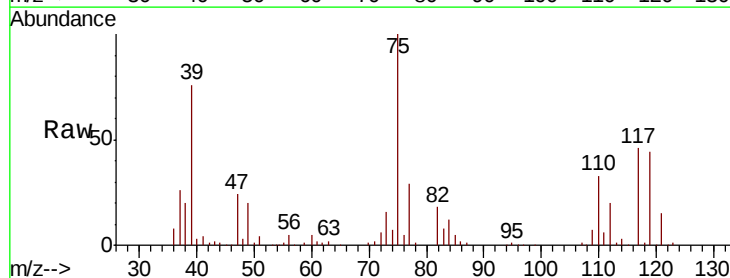
Instrument :
 MSVOA_N
 ClientSampleId :

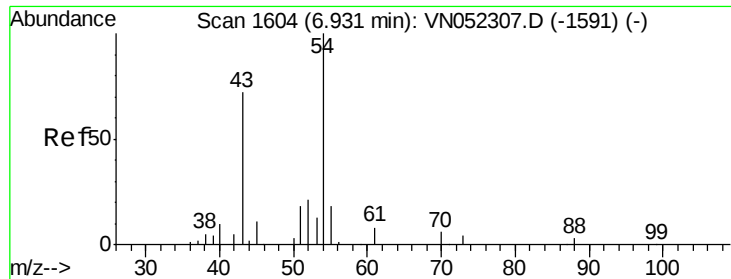
Tot Ion:113 Resp: 149954
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 17.0 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 51.043 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 75 Resp: 223237
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.5 49.5
 77 30.5 24.2 36.2

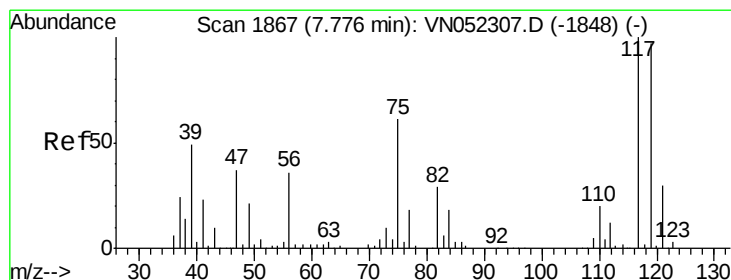
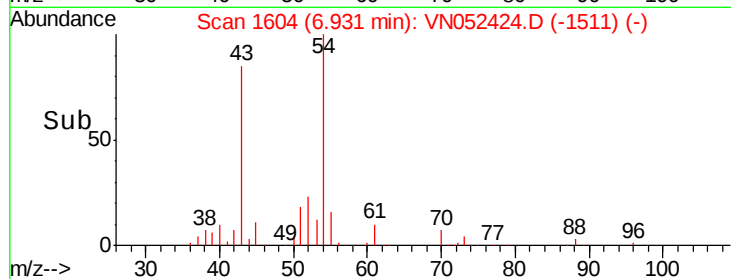
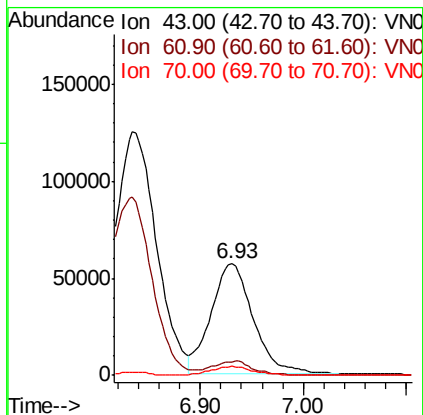
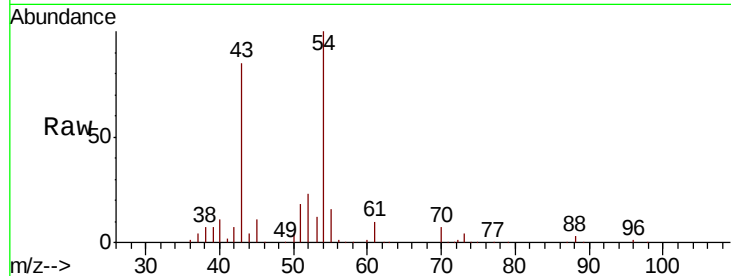




#37
Ethyl Acetate
Concen: 51.254 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

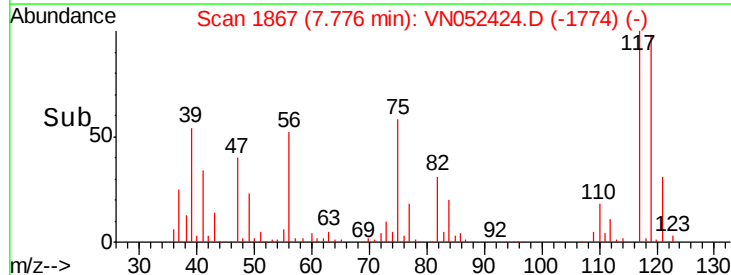
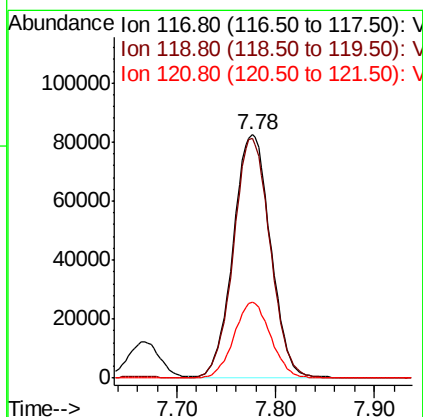
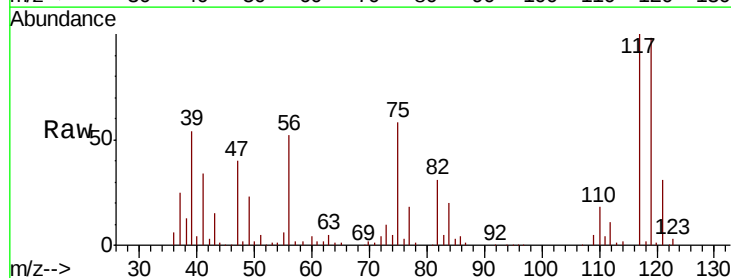
Instrument :
MSVOA_N
ClientSampled :

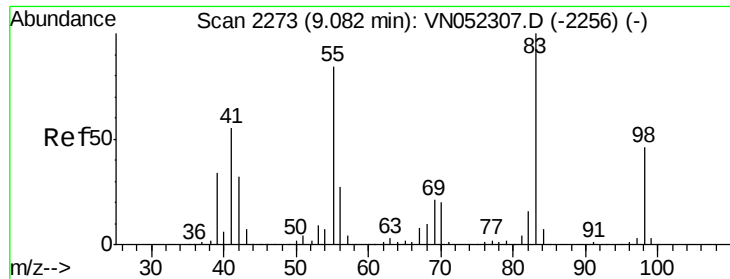
Tot Ion: 43 Resp: 162686
Ion Ratio Lower Upper
43 100
61 11.6 10.3 15.5
70 8.2 5.6 8.4



#38
Carbon Tetrachloride
Concen: 54.194 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 117 Resp: 217756
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.0
121 31.2 24.0 36.0

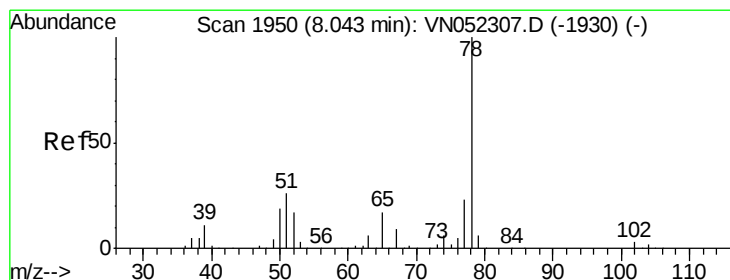
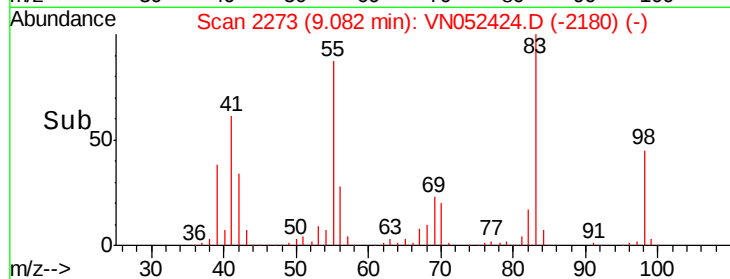
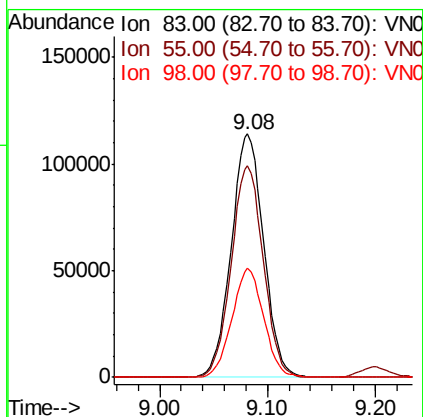
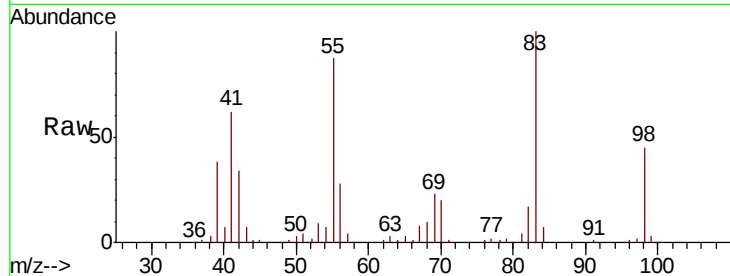




#39
Methvlcvclohexane
Concen: 47.825 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

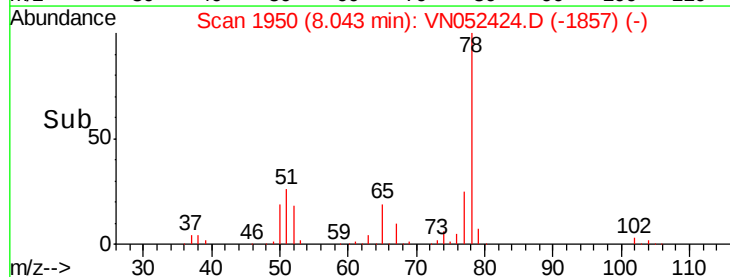
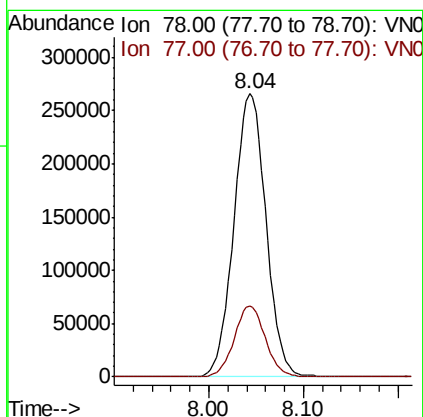
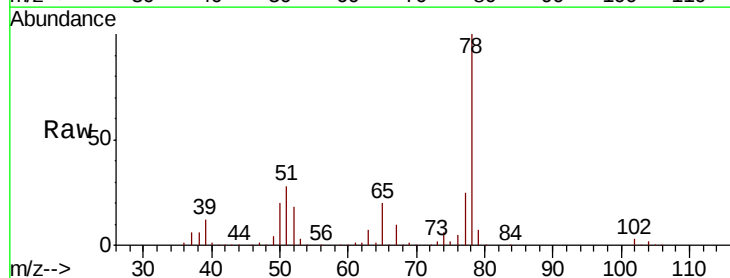
Instrument :
MSVOA_N
ClientSampleId :

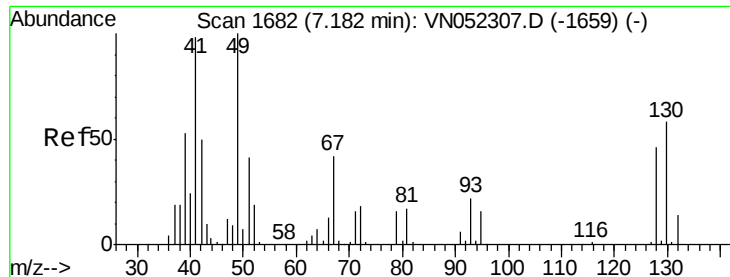
Tot Ion: 83 Resp: 238779
Ion Ratio Lower Upper
83 100
55 86.8 66.8 100.2
98 44.7 36.4 54.6



#40
Benzene
Concen: 50.187 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 78 Resp: 627048
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1

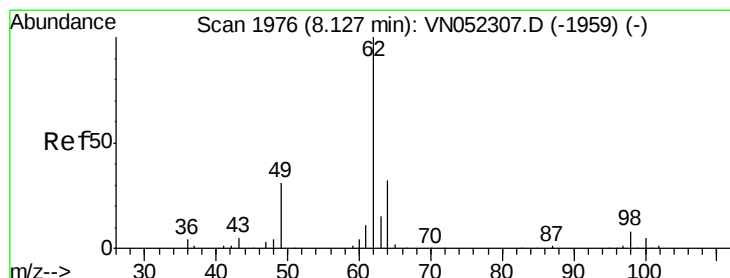
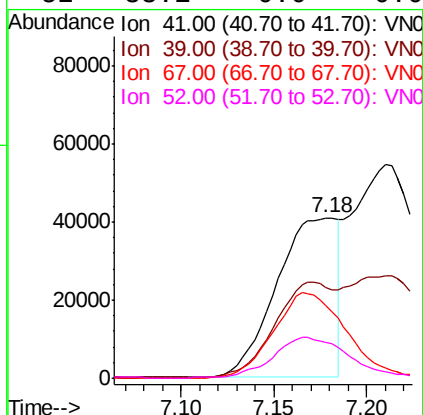
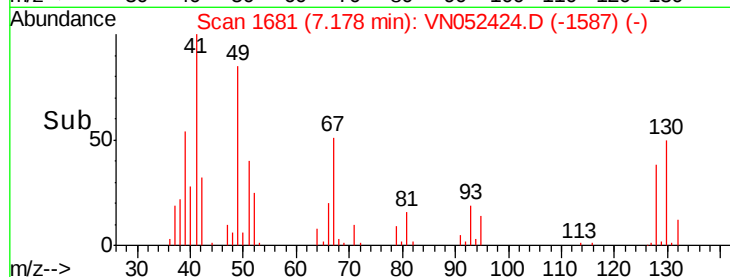
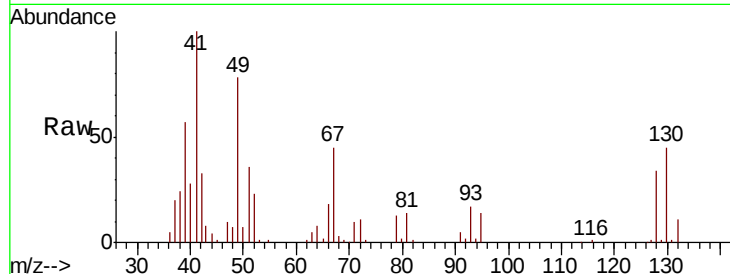




#41
Methacrylonitrile
Concen: 52.844 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

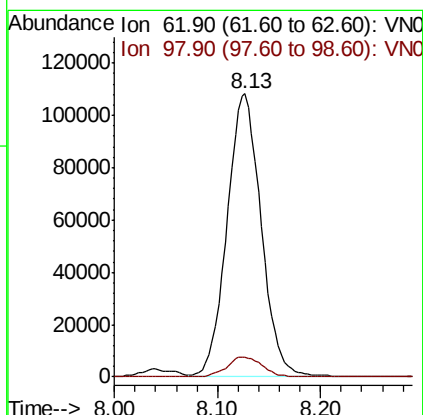
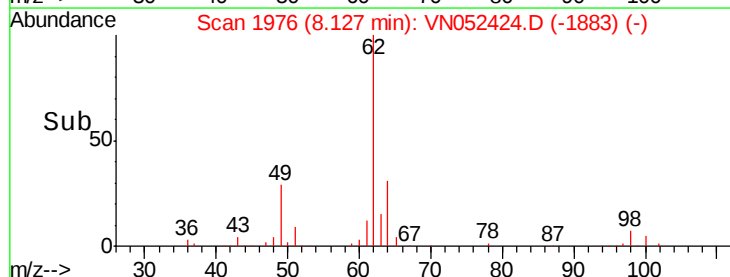
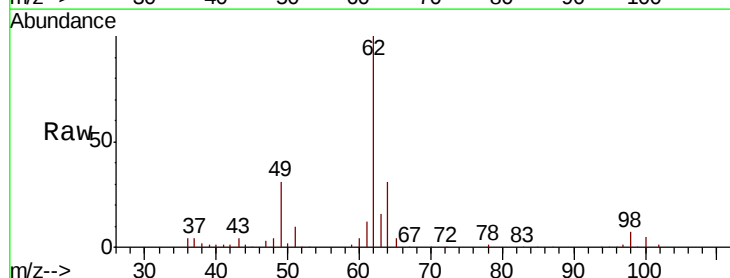
Instrument :
MSVOA_N
ClientSampled :

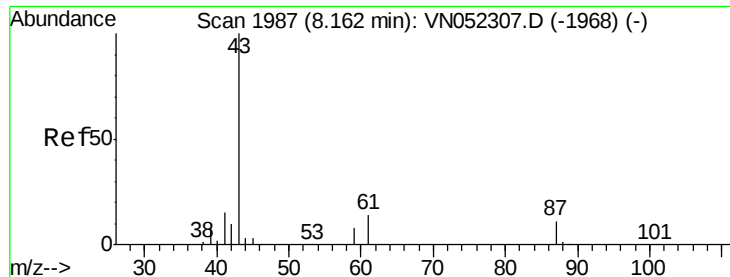
Tot Ion: 41 Resp: 93556
Ion Ratio Lower Upper
41 100
39 54.1 0.0 0.0#
67 65.6 0.0 0.0#
52 33.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 55.771 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 62 Resp: 248481
Ion Ratio Lower Upper
62 100
98 7.2 0.0 15.6





#43

Isopropyl Acetate

Concen: 50.815 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampleId :

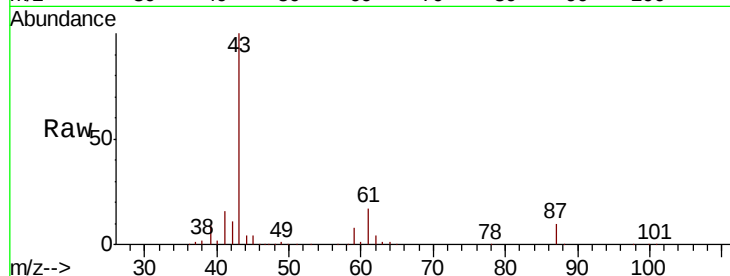
Tot Ion: 43 Resp: 311234

Ion Ratio Lower Upper

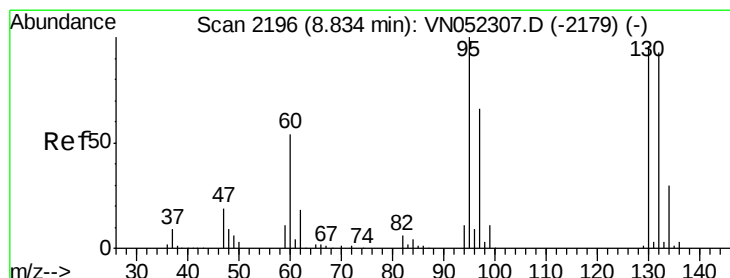
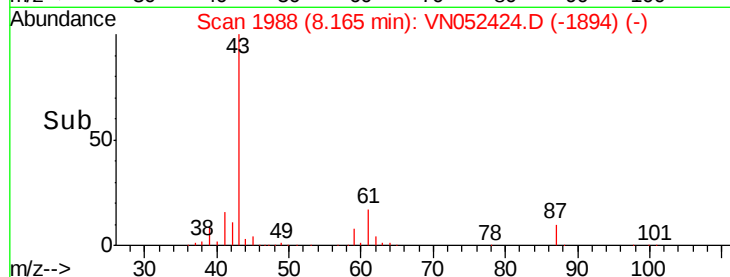
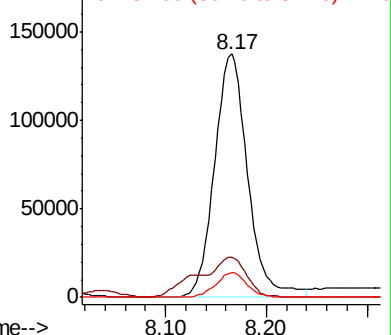
43 100

61 15.1 12.0 18.0

87 9.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 49.524 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052424.D

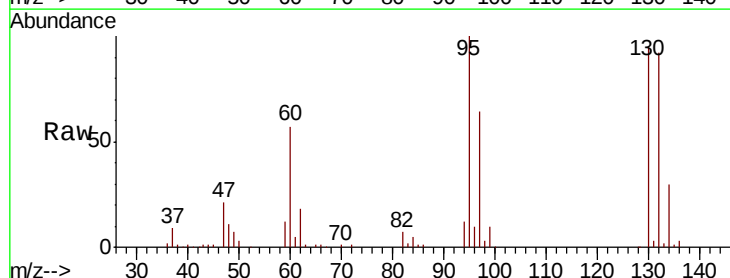
Acq: 20 Nov 2018 22:38

Tgt Ion:130 Resp: 152419

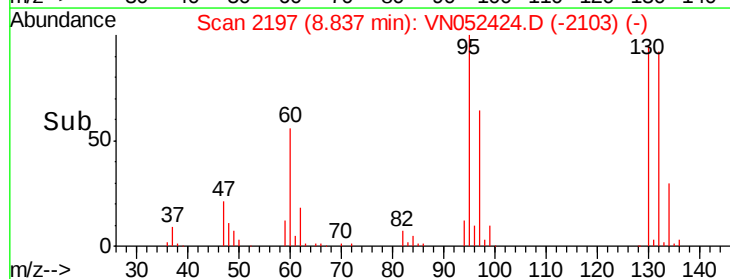
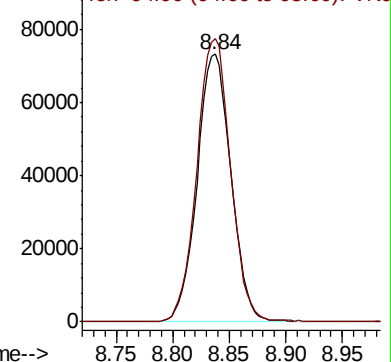
Ion Ratio Lower Upper

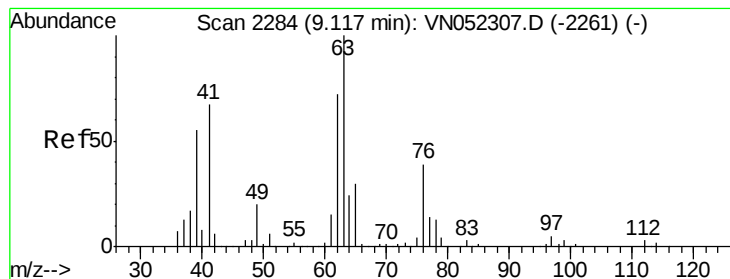
130 100

95 105.8 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 50.907 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

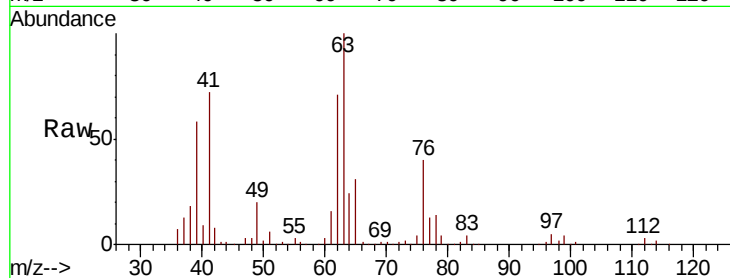
ClientSampleId :

Tot Ion: 63 Resp: 180507

Ion Ratio Lower Upper

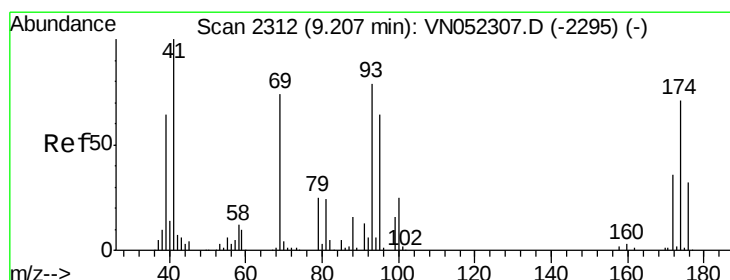
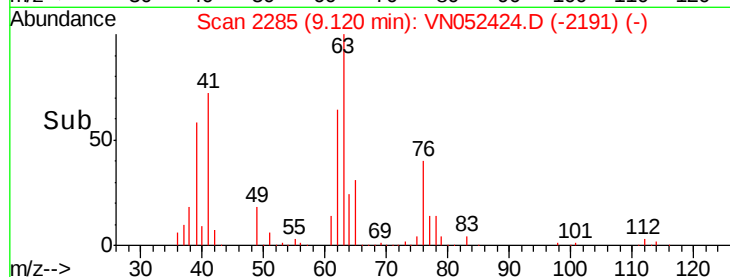
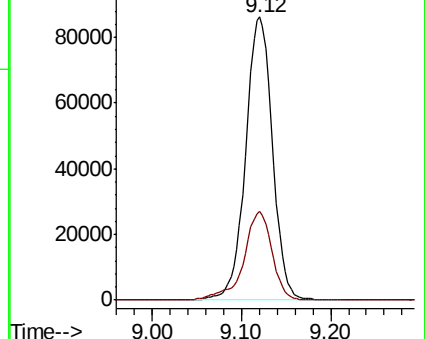
63 100

65 31.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052307.D (-2261) (-)



#46

Dibromomethane

Concen: 52.004 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

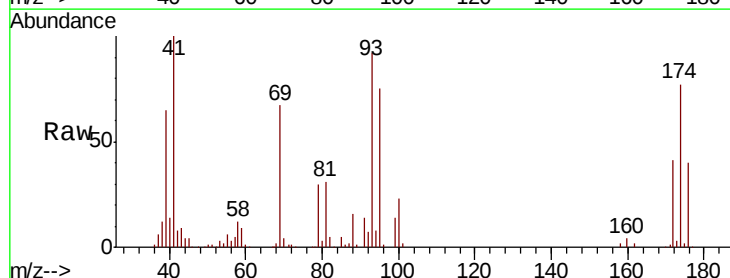
Tgt Ion: 93 Resp: 106747

Ion Ratio Lower Upper

93 100

95 81.4 64.2 96.2

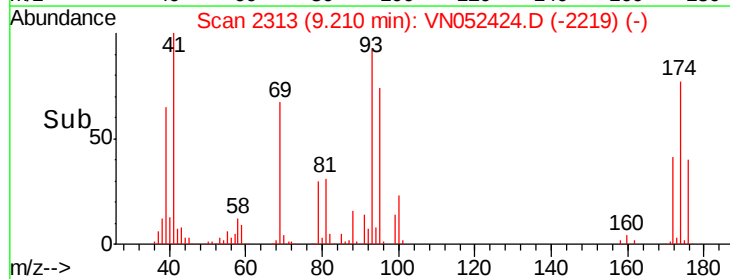
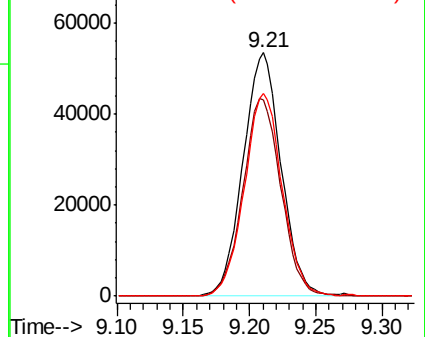
174 83.0 70.9 106.3

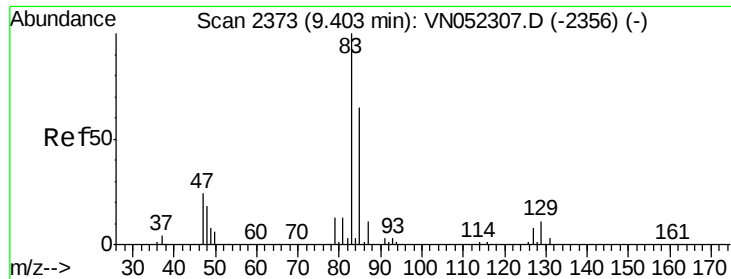


Abundance Ion 92.80 (92.50 to 93.50): VN052307.D (-2295) (-)

Ion 94.80 (94.50 to 95.50): VN052307.D (-2295) (-)

Ion 173.70 (173.40 to 174.40): VN052307.D (-2295) (-)





#47

Bromodichloromethane

Concen: 55.685 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampled :

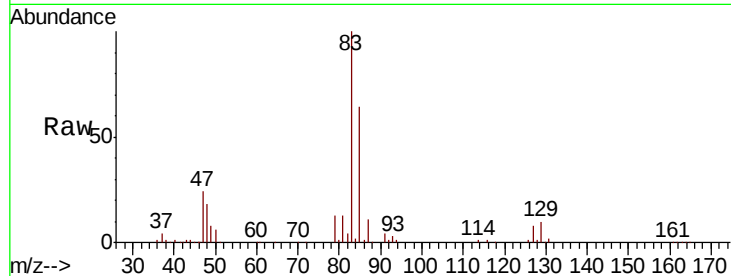
Tot Ion: 83 Resp: 234559

Ion Ratio Lower Upper

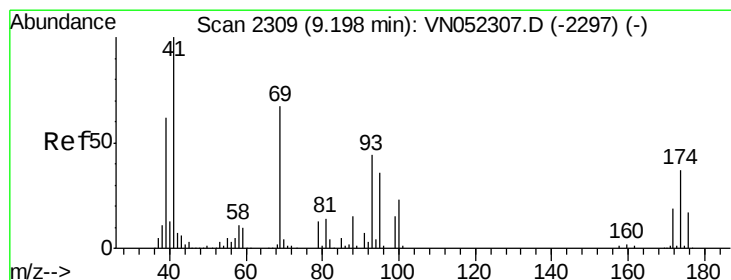
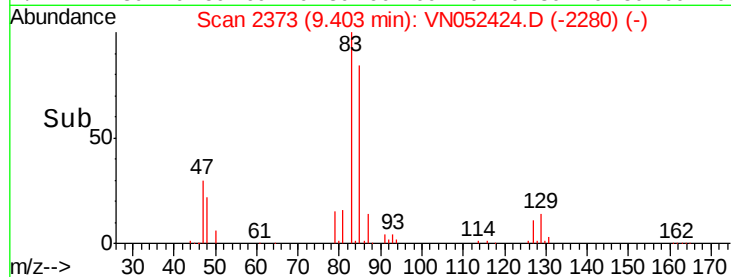
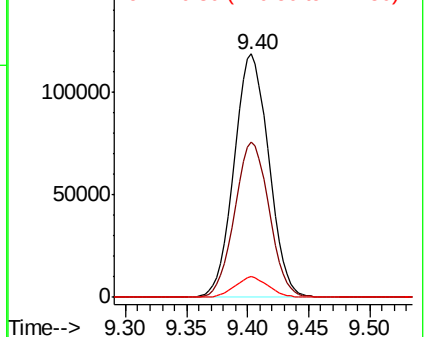
83 100

85 63.5 52.2 78.4

127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 50.152 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

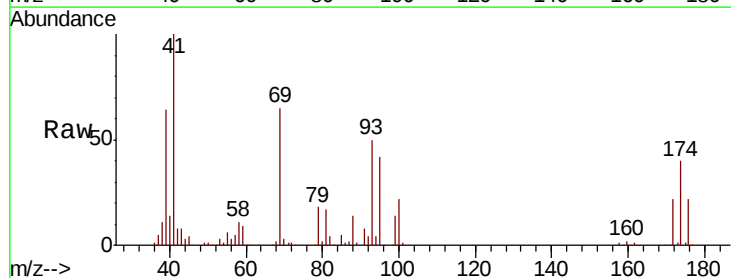
Tgt Ion: 41 Resp: 155867

Ion Ratio Lower Upper

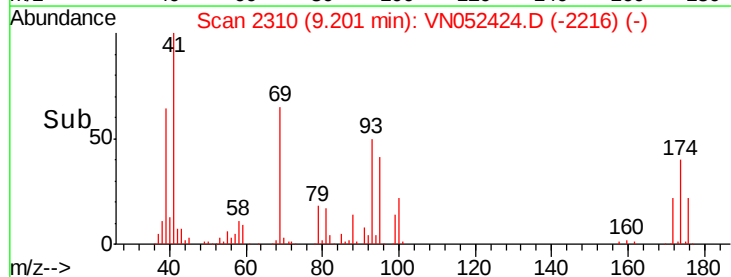
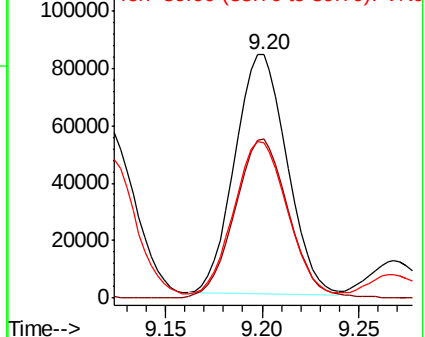
41 100

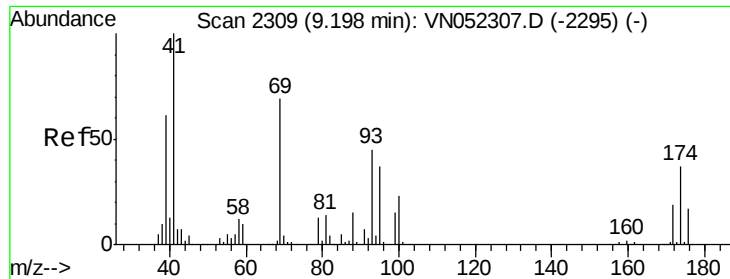
69 68.9 57.1 85.7

39 68.0 52.5 78.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

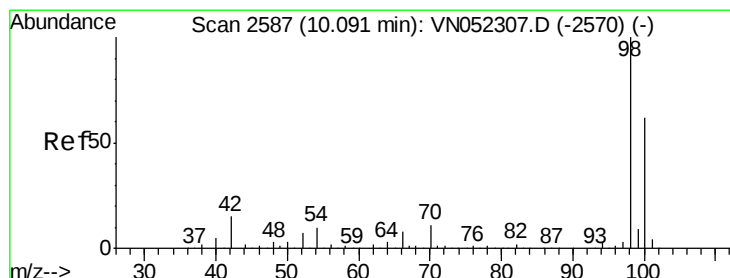
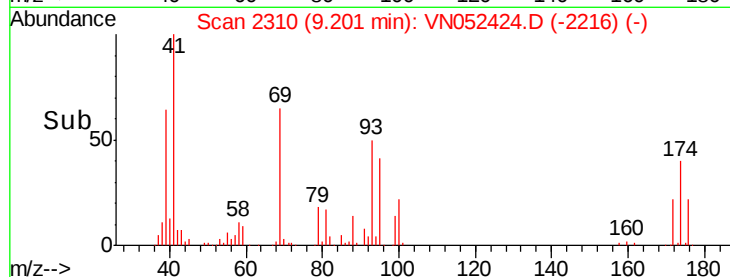
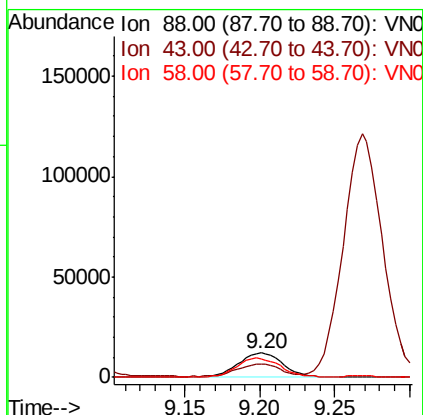
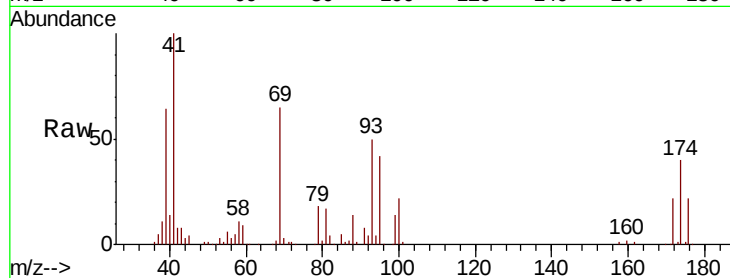




#49
1,4-Dioxane
Concen: 1062.512 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

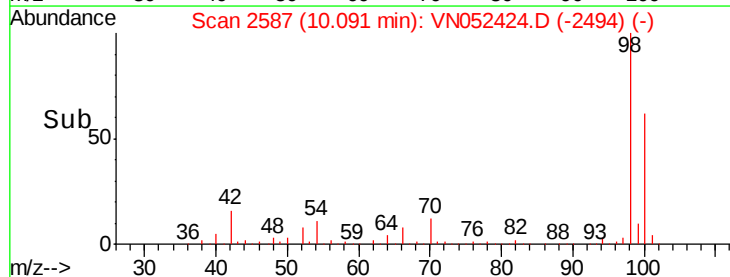
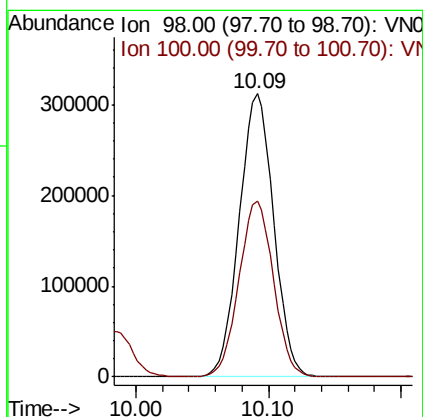
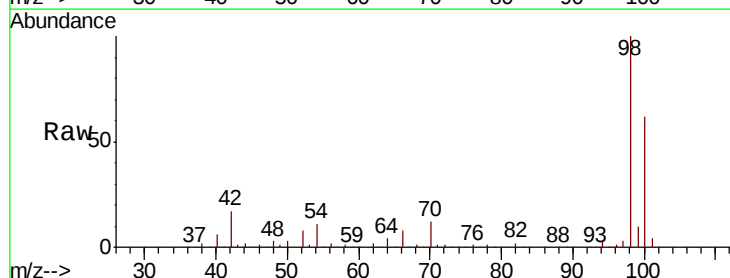
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 25349
Ion Ratio Lower Upper
88 100
43 47.1 33.3 49.9
58 78.5 59.2 88.8



#50
Toluene-d8
Concen: 1062.512 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 98 Resp: 563858
Ion Ratio Lower Upper
98 100
100 62.1 49.5 74.3





#51

4-Methyl-2-Pentanone

Concen: 274.527 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

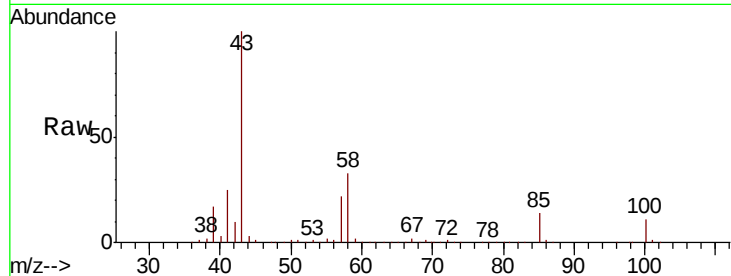
ClientSampled :

Tot Ion: 43 Resp: 846388

Ion Ratio Lower Upper

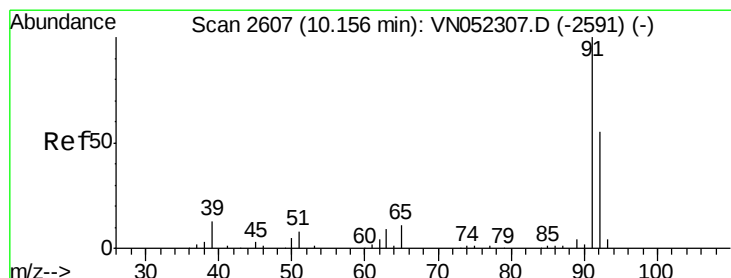
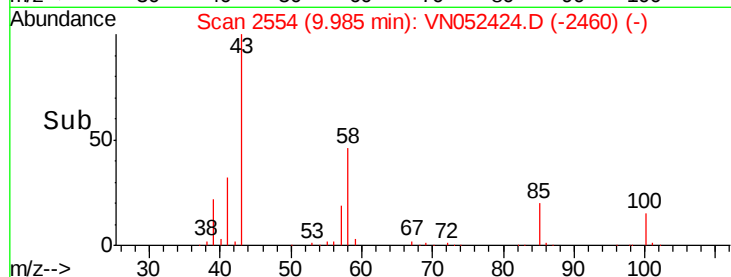
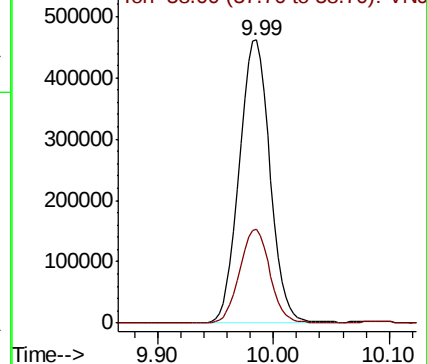
43 100

58 32.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.281 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052424.D

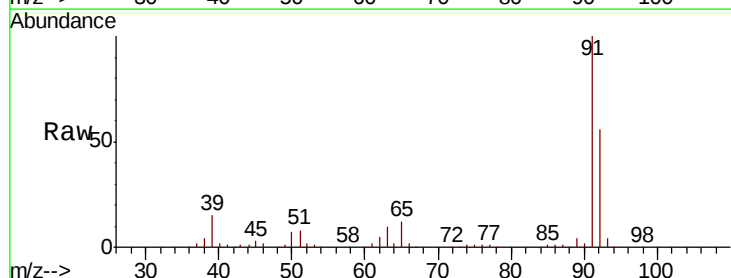
Acq: 20 Nov 2018 22:38

Tgt Ion: 92 Resp: 383287

Ion Ratio Lower Upper

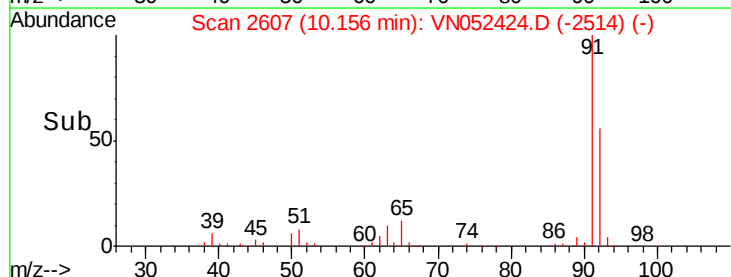
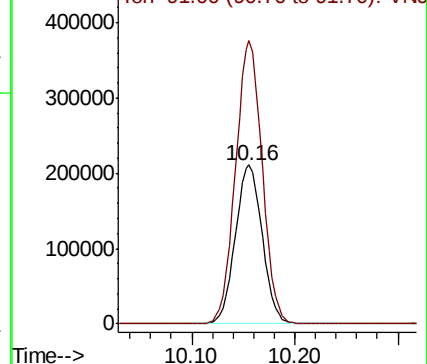
92 100

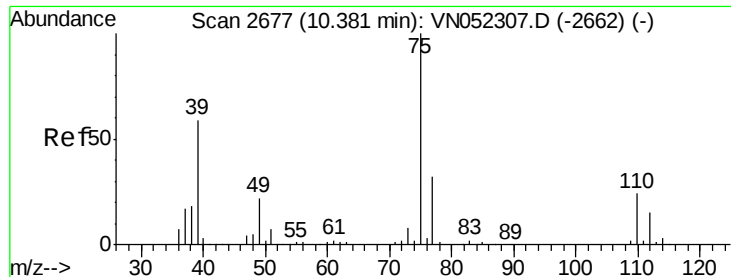
91 176.6 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.691 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

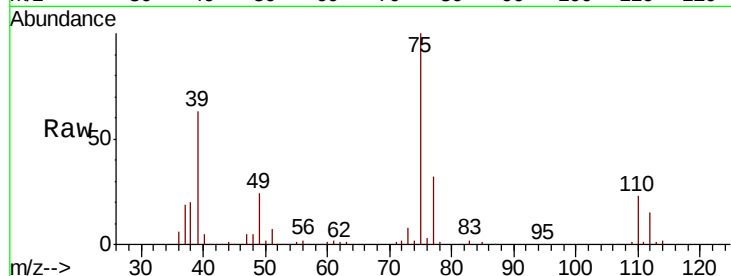
ClientSampleId :

Tot Ion: 75 Resp: 219596

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

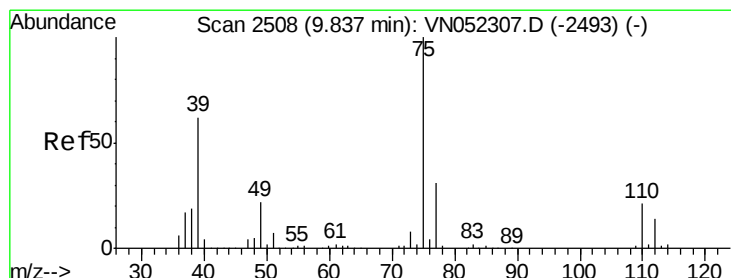
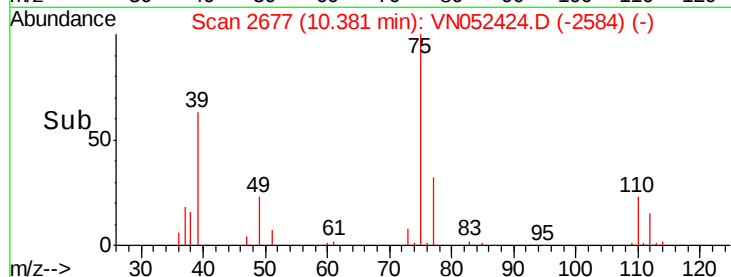
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.227 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

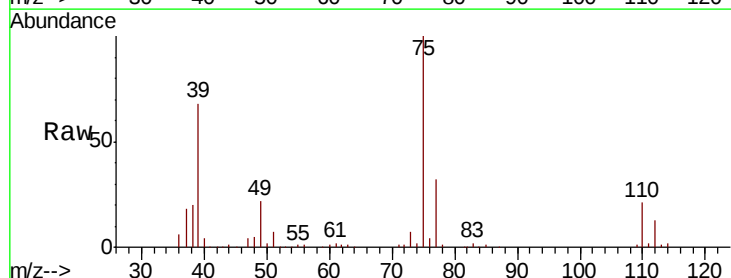
Tgt Ion: 75 Resp: 252933

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 67.9 49.9 74.9



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

9.84

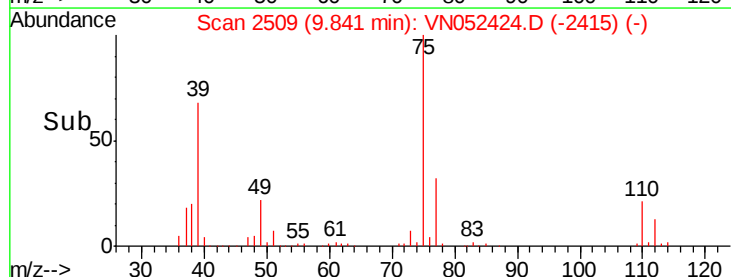
150000

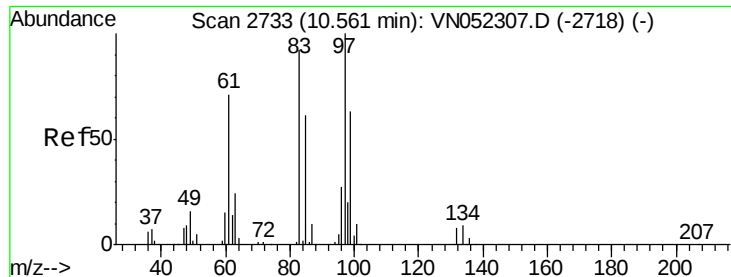
100000

50000

0

Time-->



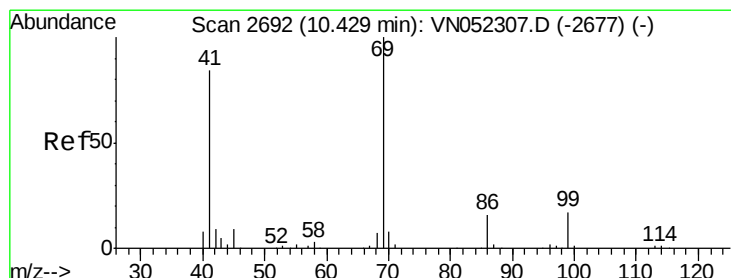
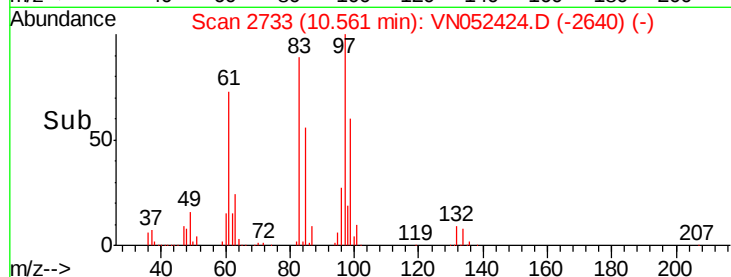
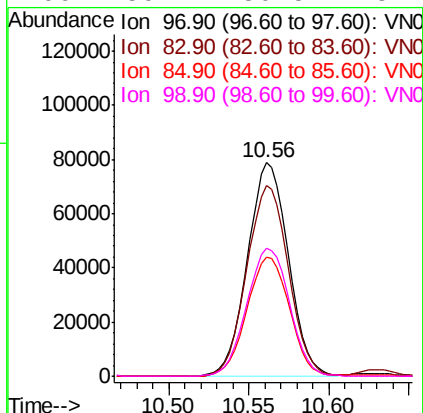
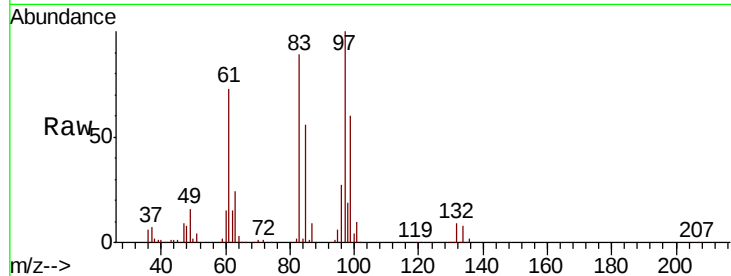


#55
 1,1,2-Trichloroethane
 Concen: 51.072 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 138381

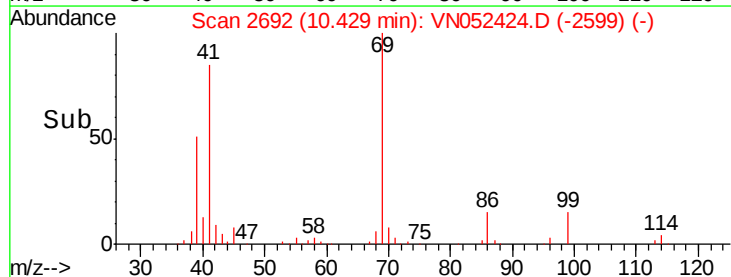
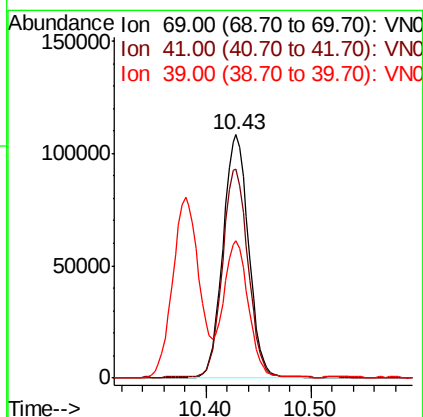
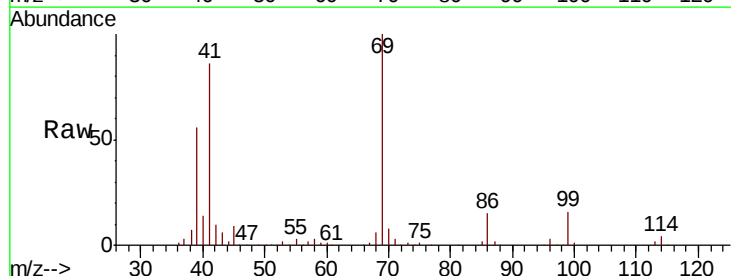
Ion	Ratio	Lower	Upper
97	100		
83	89.2	73.8	110.6
85	56.0	49.0	73.4
99	59.7	50.5	75.7

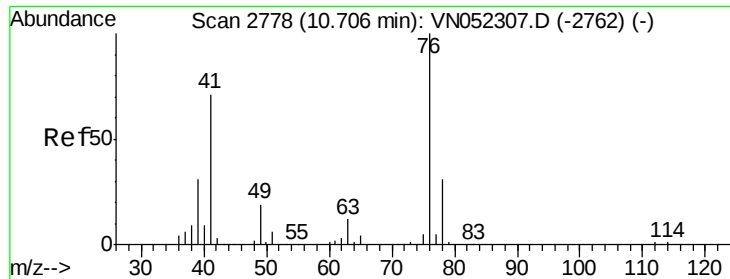


#56
 Ethyl methacrylate
 Concen: 51.197 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 69 Resp: 182434

Ion	Ratio	Lower	Upper
69	100		
41	84.9	64.8	97.2
39	54.7	41.0	61.6

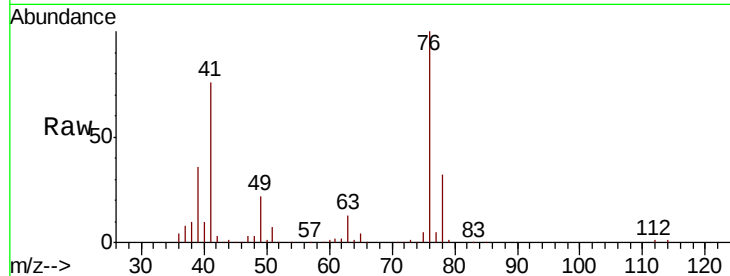




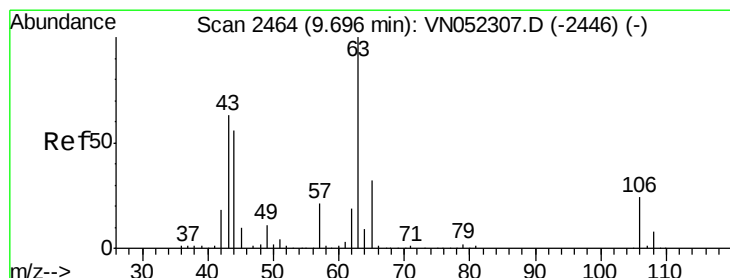
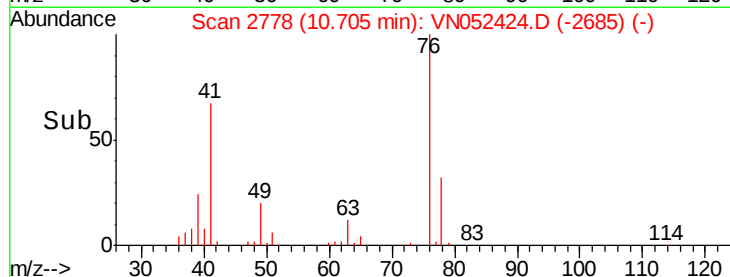
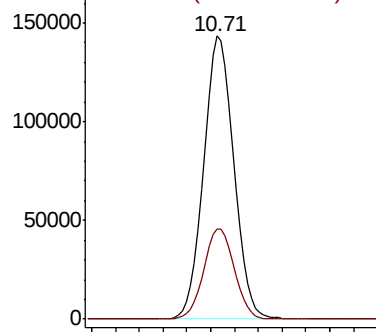
#57
 1,3-Dichloropropane
 Concen: 52.473 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 76 Resp: 251833
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

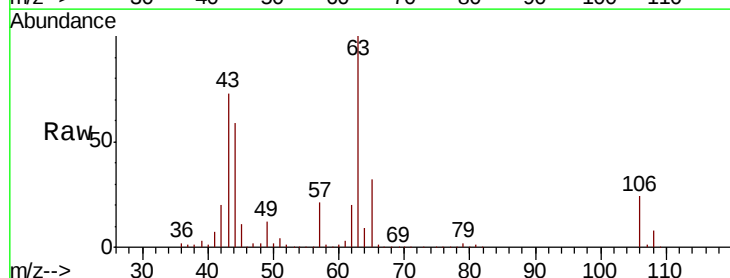


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

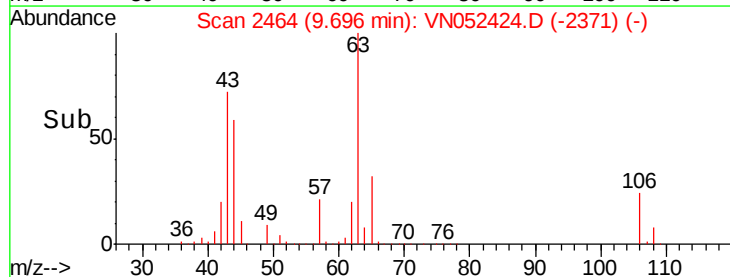
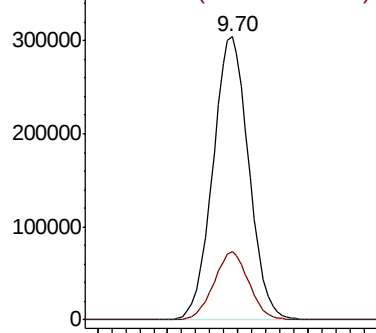


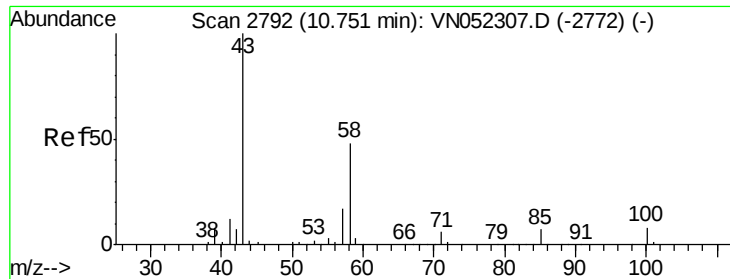
#58
 2-Chloroethyl Vinyl ether
 Concen: 267.007 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 63 Resp: 541678
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

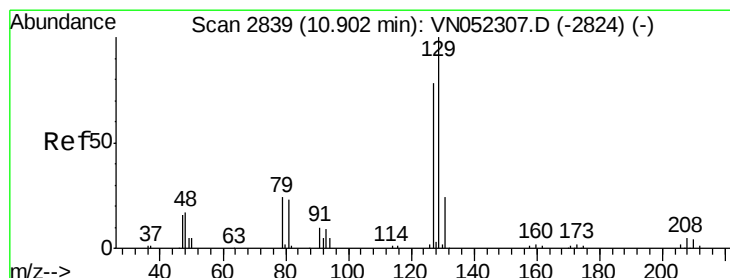
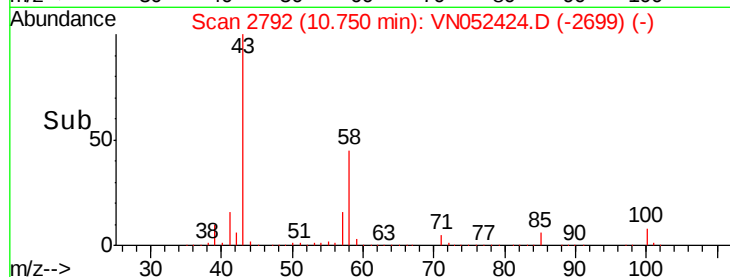
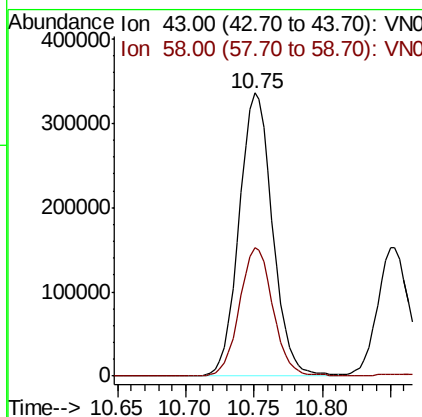
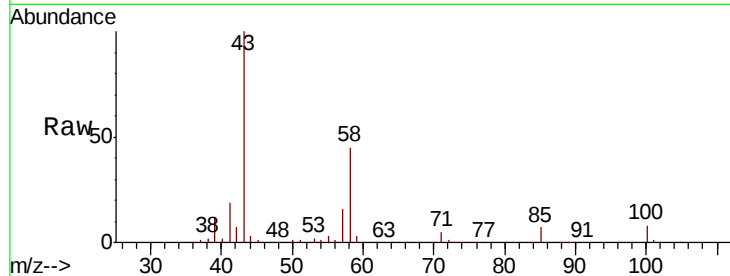




#59
2-Hexanone
Concen: 268.791 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

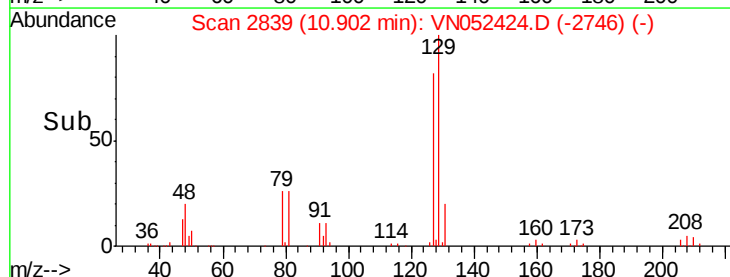
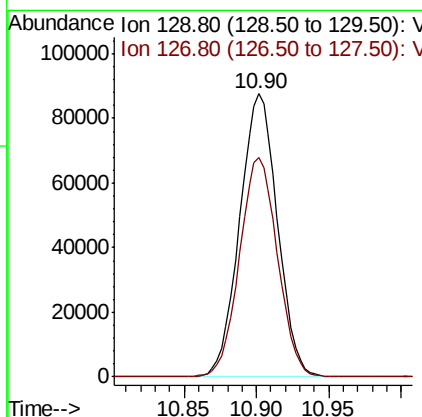
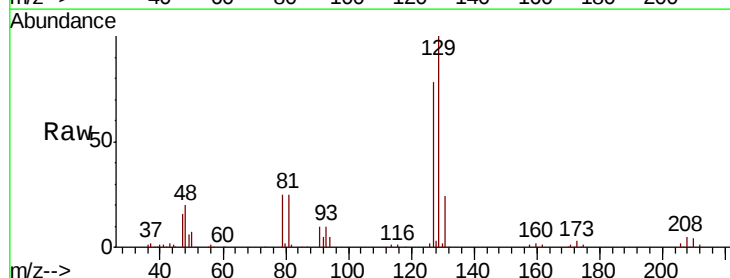
Instrument :
MSVOA_N
ClientSampleId :

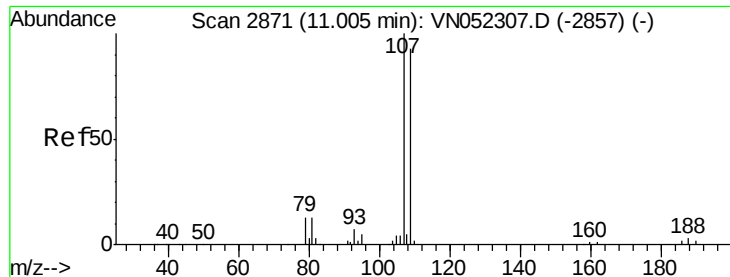
Tot Ion: 43 Resp: 570008
Ion Ratio Lower Upper
43 100
58 45.6 23.5 70.6



#60
Dibromochloromethane
Concen: 54.172 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 129 Resp: 158807
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

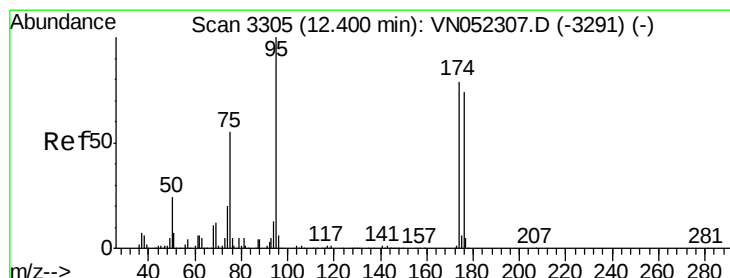
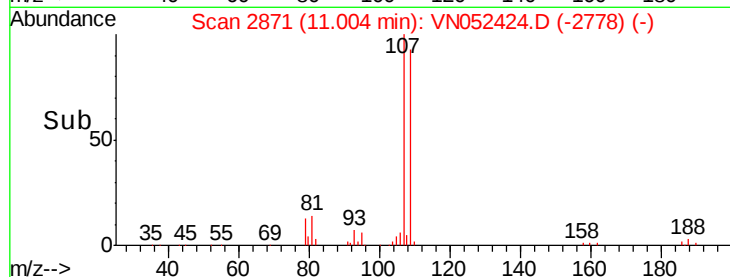
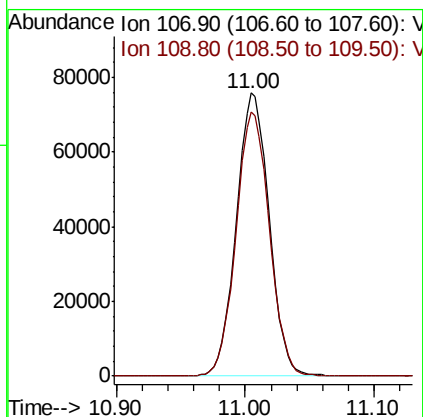
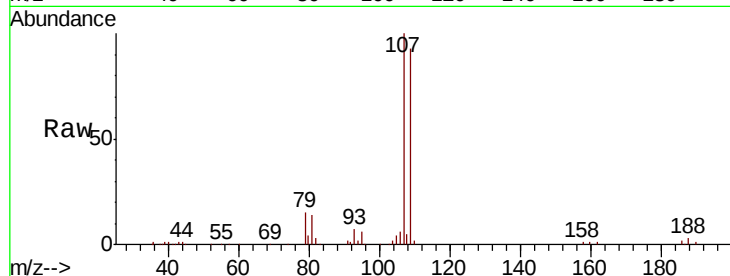




#61
 1,2-Dibromoethane
 Concen: 49.832 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

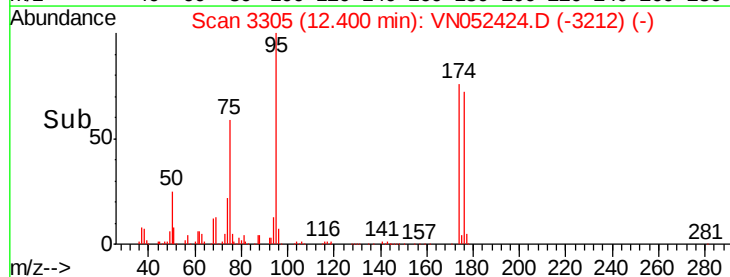
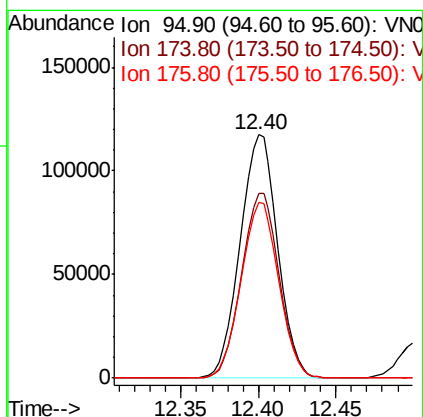
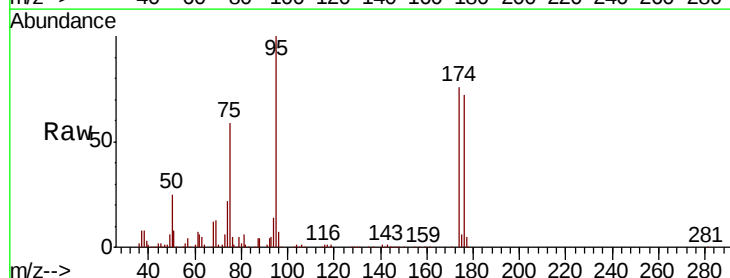
Instrument :
 MSVOA_N
 ClientSampleId :

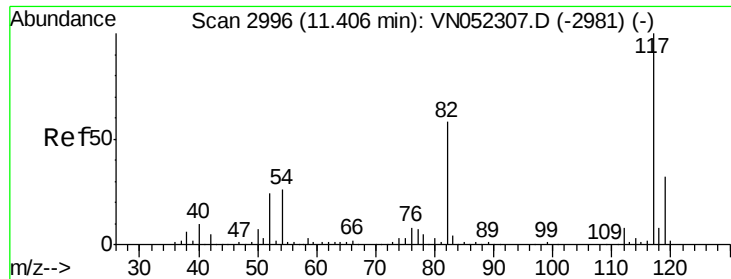
Tot Ion: 107 Resp: 134494
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 49.832 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion: 95 Resp: 197684
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 156.0
 176 72.7 0.0 148.4

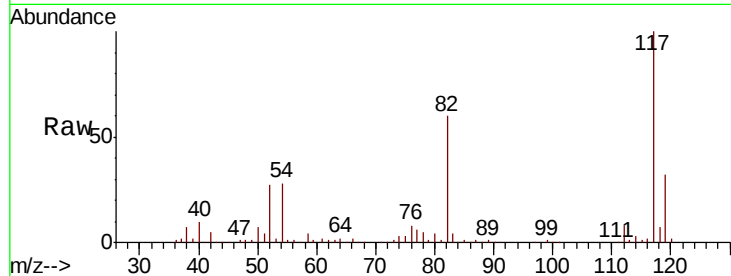




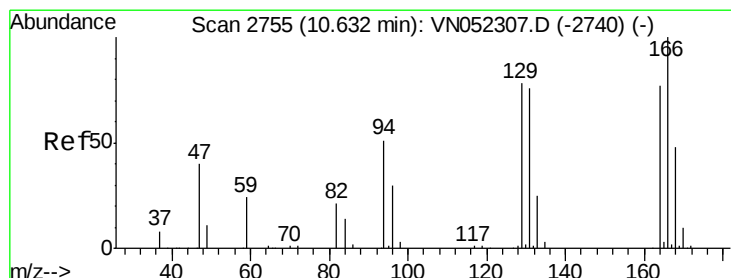
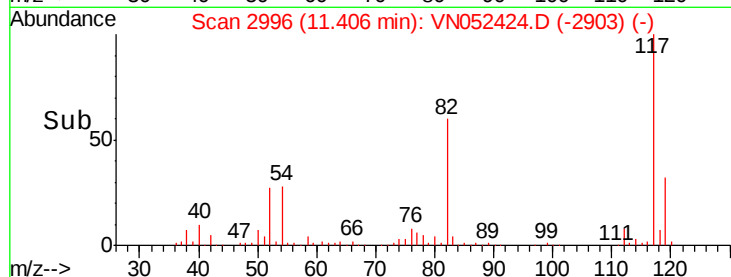
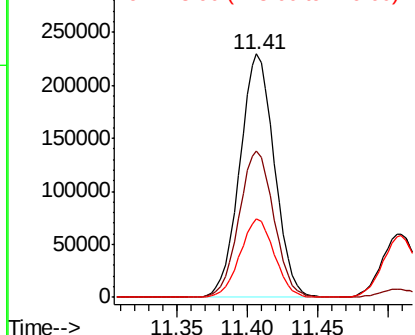
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 394291
Ion Ratio Lower Upper
117 100
82 60.0 46.5 69.7
119 32.1 25.7 38.5

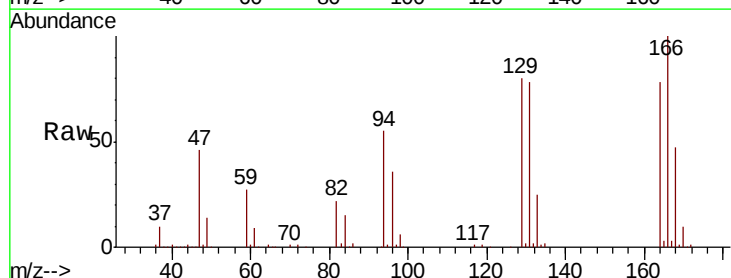


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

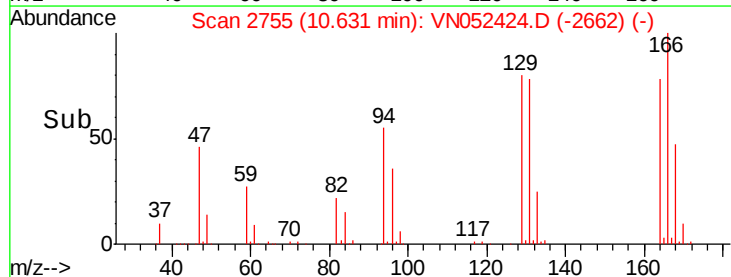
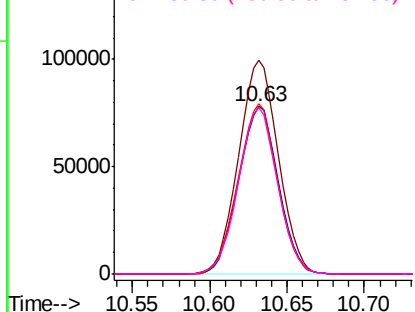


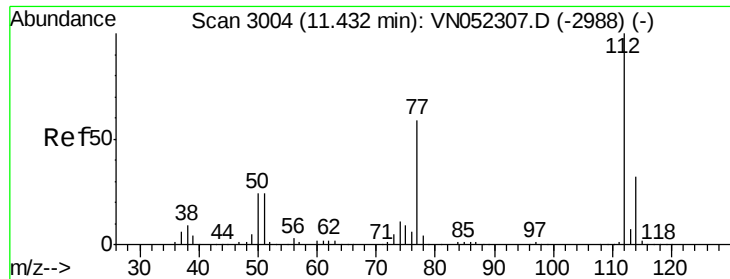
#64
Tetrachloroethene
Concen: 49.808 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion:164 Resp: 139619
Ion Ratio Lower Upper
164 100
166 127.5 103.8 155.6
129 101.5 80.7 121.1
131 98.8 78.5 117.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

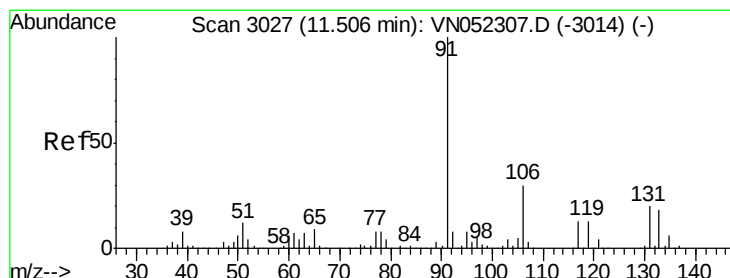
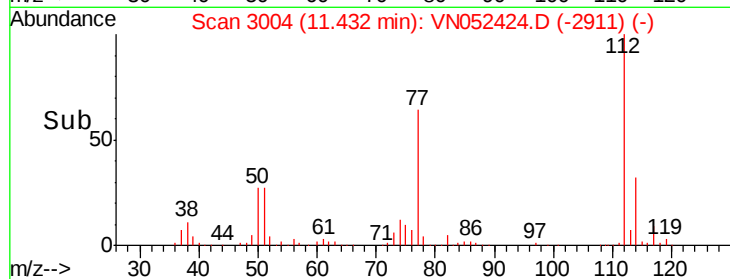
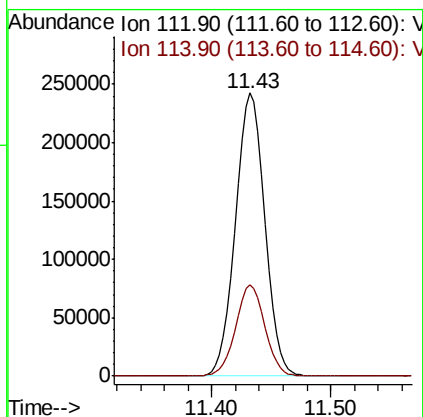
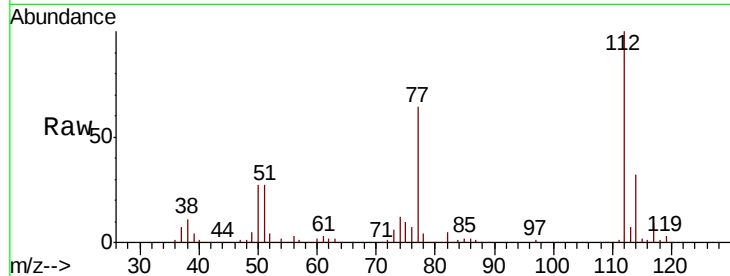




#65
Chlorobenzene
Concen: 49.760 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

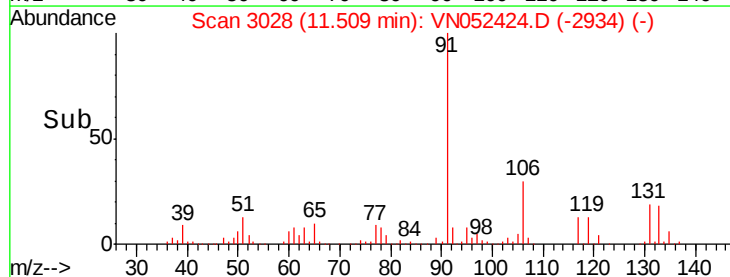
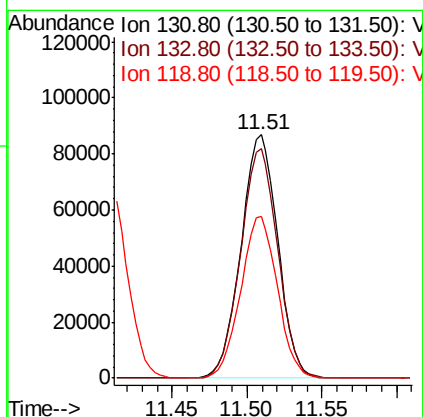
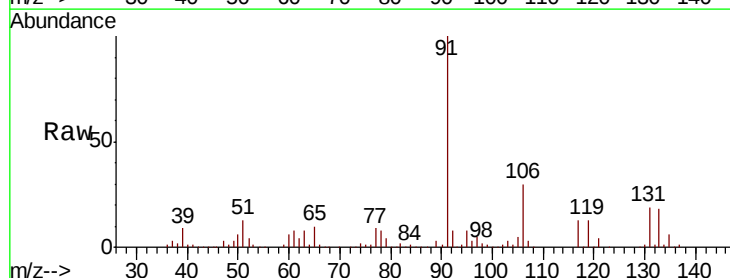
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 414715
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.396 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion:131 Resp: 148912
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.3 33.3 99.9

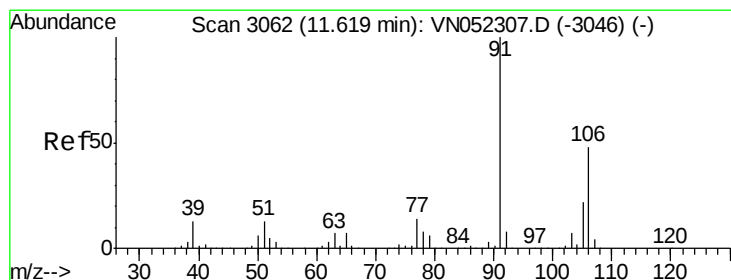
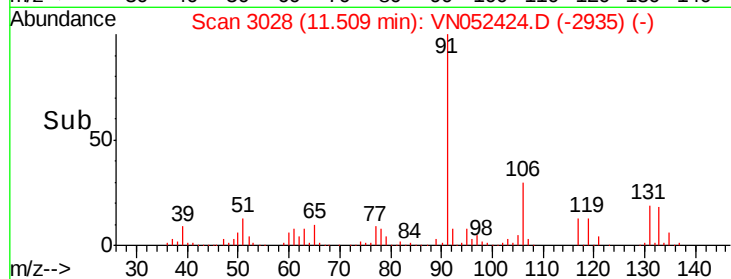
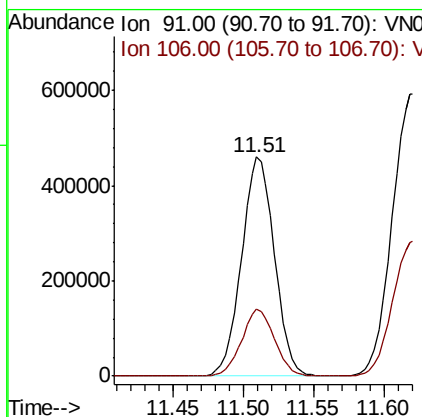
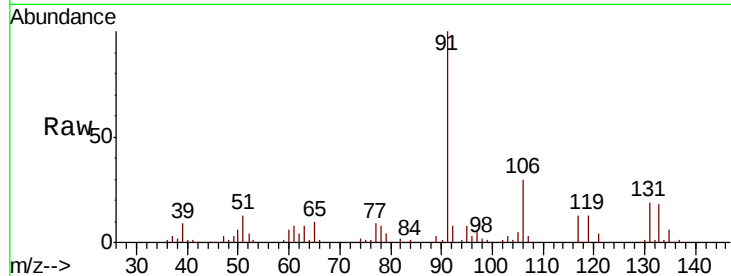




#67
Ethyl Benzene
Concen: 51.983 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

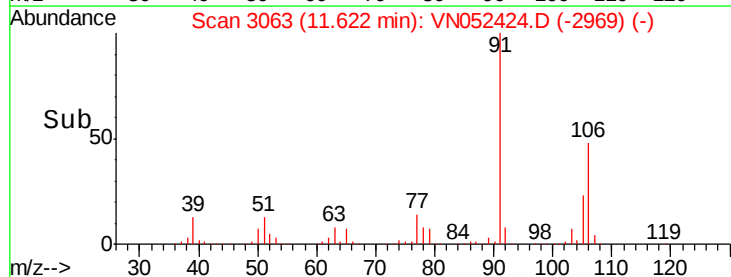
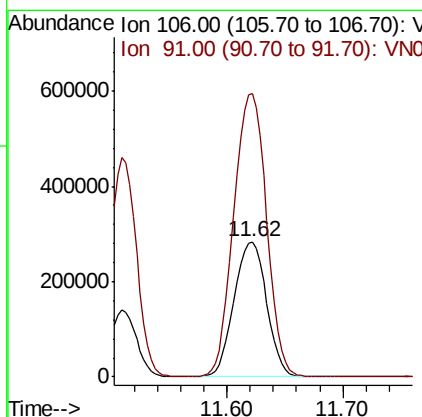
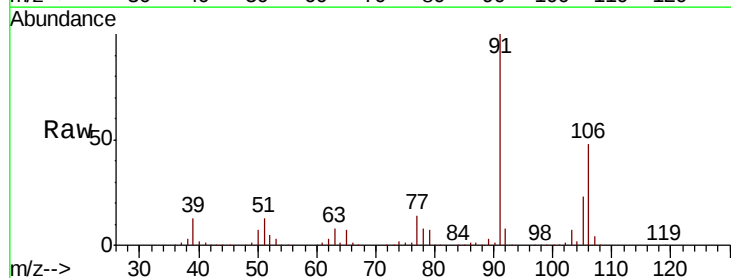
Instrument :
MSVOA_N
ClientSampled :

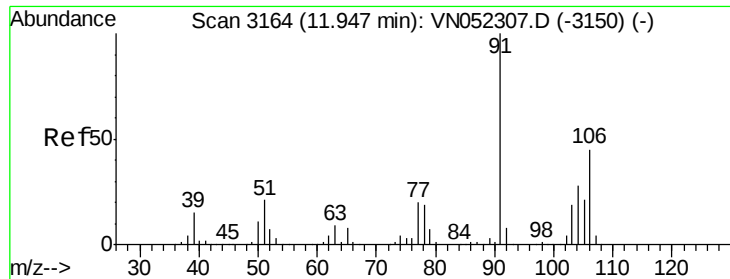
Tot Ion: 91 Resp: 751943
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2



#68
m/p-Xylenes
Concen: 104.622 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion: 106 Resp: 552951
Ion Ratio Lower Upper
106 100
91 210.9 165.5 248.3

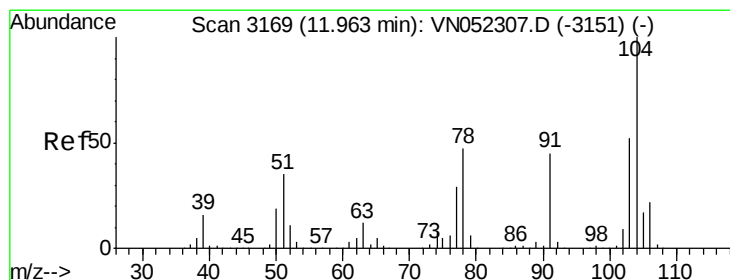
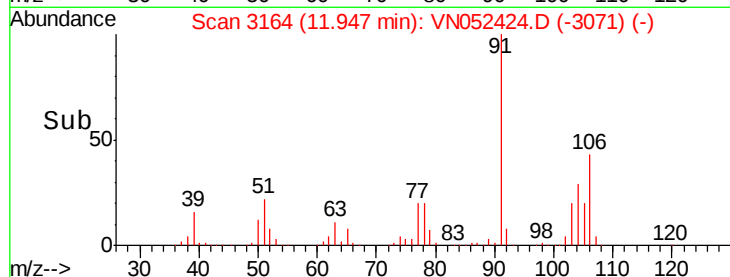
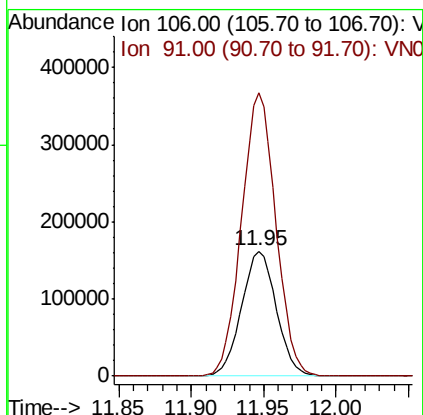
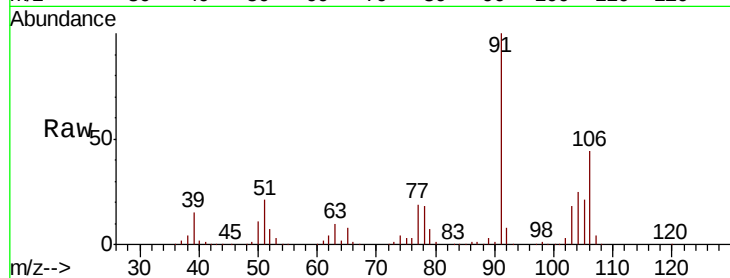




#69
o-Xylene
Concen: 53.249 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

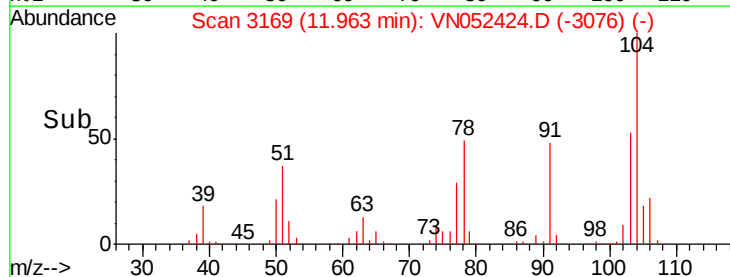
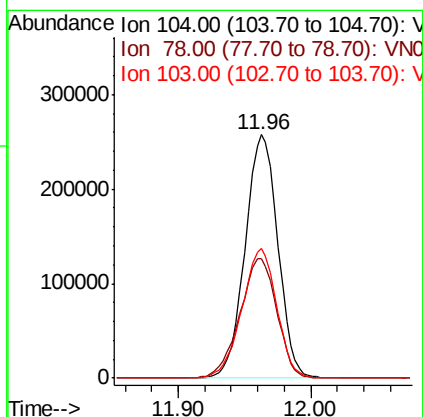
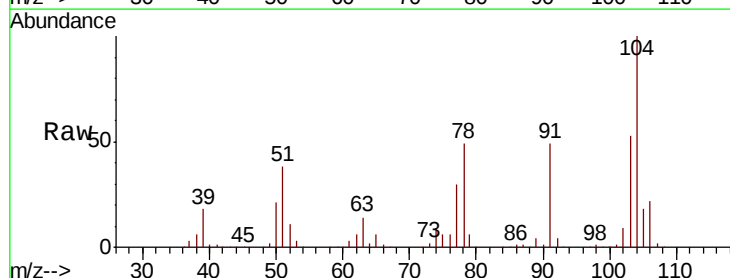
Instrument :
MSVOA_N
ClientSampled :

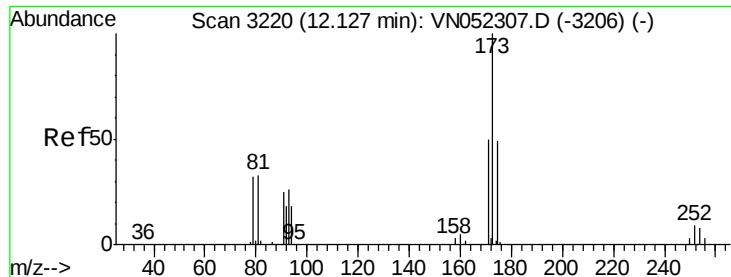
Tot Ion:106 Resp: 269777
Ion Ratio Lower Upper
106 100
91 223.9 110.0 330.0



#70
Styrene
Concen: 54.329 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion:104 Resp: 440725
Ion Ratio Lower Upper
104 100
78 55.4 42.7 64.1
103 56.8 45.4 68.0





#71

Bromoform

Concen: 57.580 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

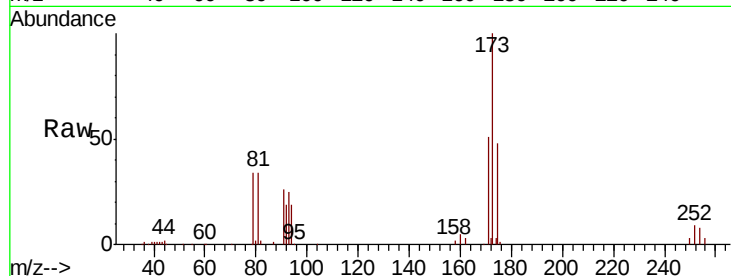
Tot Ion:173 Resp: 96621

Ion Ratio Lower Upper

173 100

175 47.7 25.0 75.0

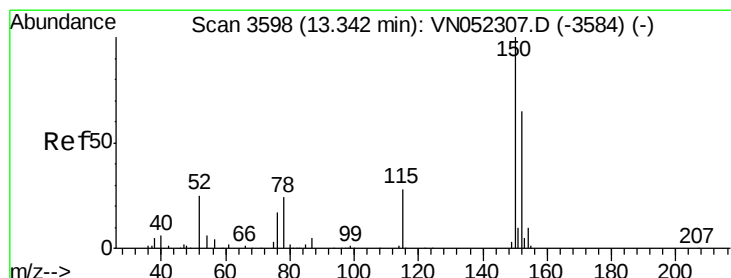
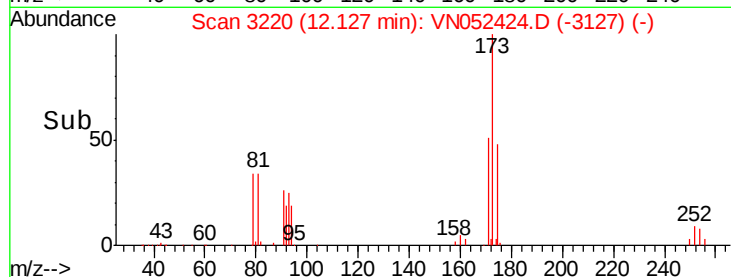
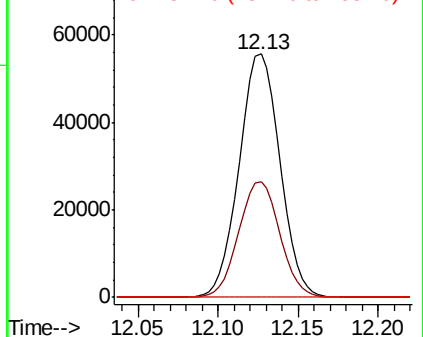
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

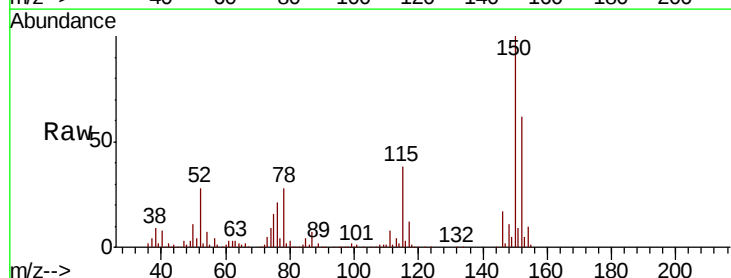
Tgt Ion:152 Resp: 185539

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

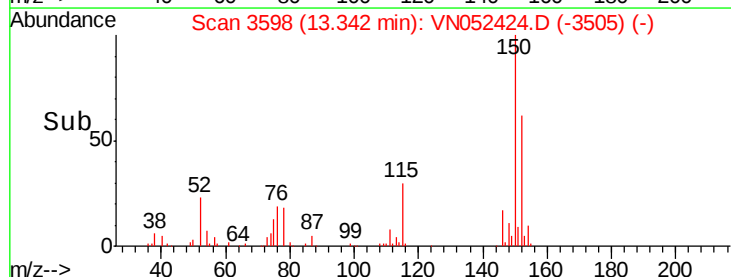
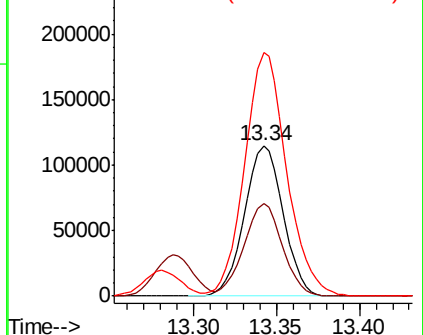
150 175.8 0.0 348.2

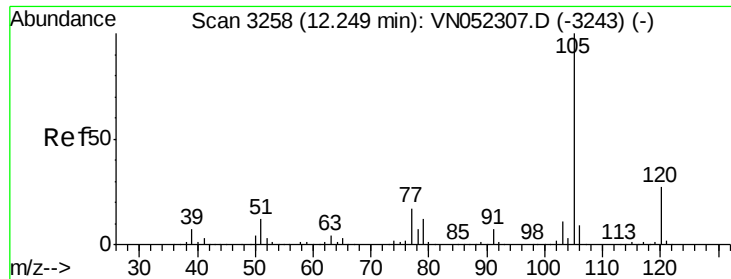


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.621 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

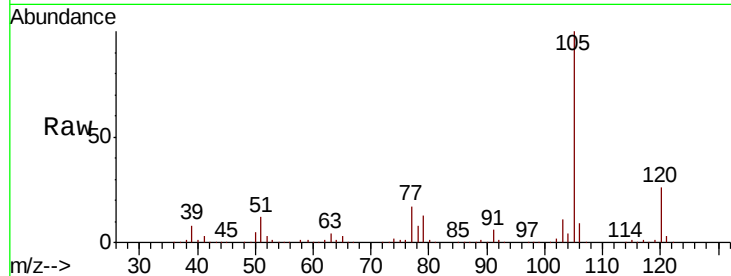
ClientSampleId :

Tot Ion:105 Resp: 740210

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

300000

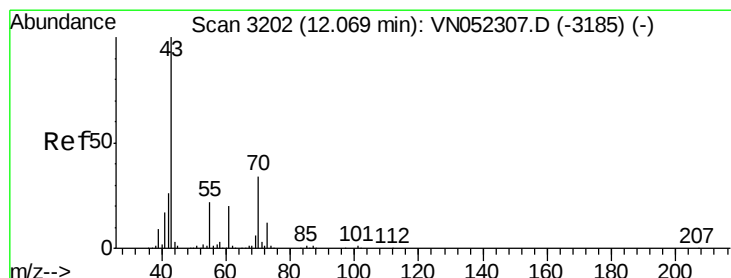
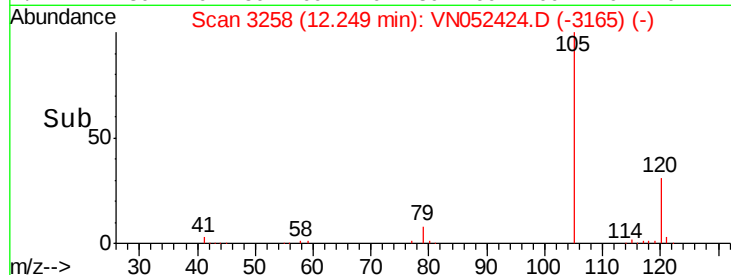
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 49.121 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Tgt Ion: 43 Resp: 260990

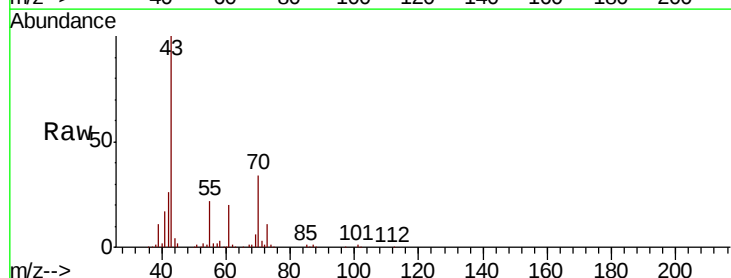
Ion Ratio Lower Upper

43 100

70 33.9 27.1 40.7

55 23.1 17.4 26.0

61 20.1 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

250000

200000

150000

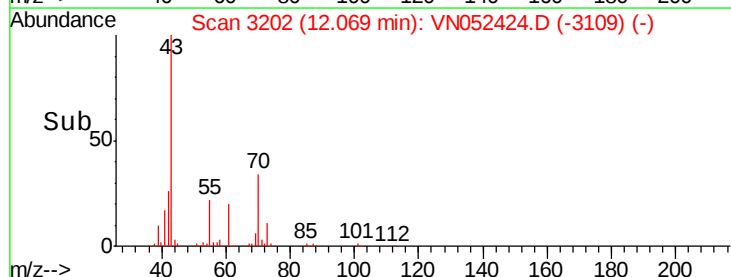
100000

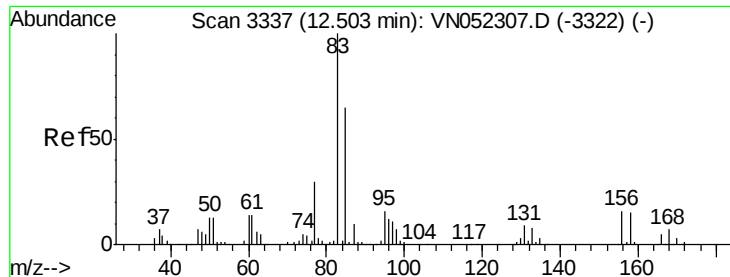
50000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 48.386 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

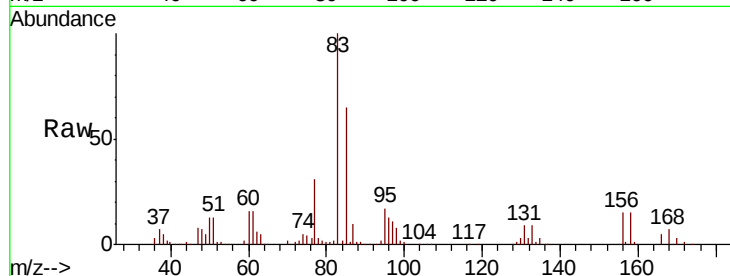
Tot Ion: 83 Resp: 174482

Ion Ratio Lower Upper

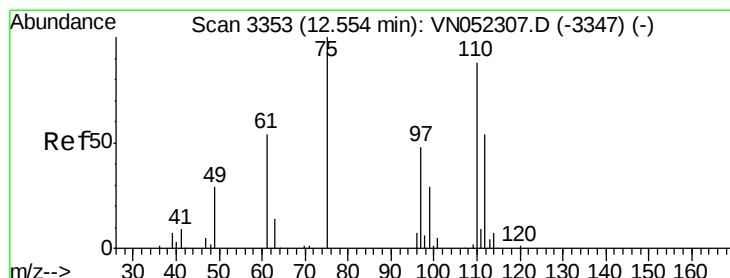
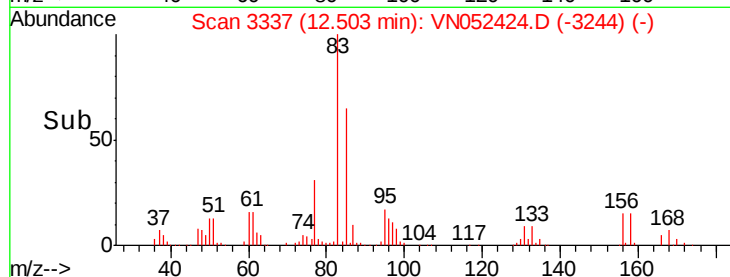
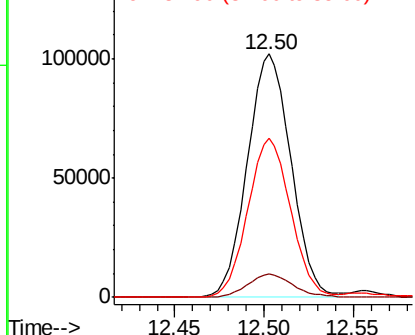
83 100

131 10.0 4.7 14.1

85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 74.175 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052424.D

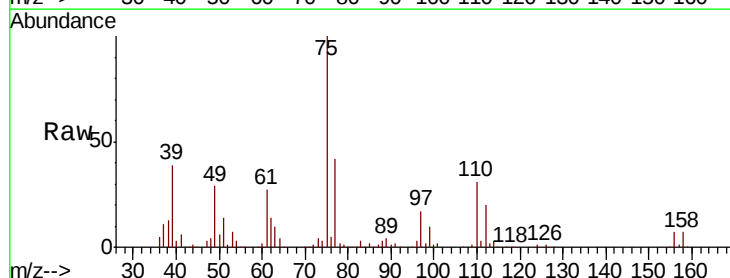
Acq: 20 Nov 2018 22:38

Tgt Ion: 75 Resp: 233521

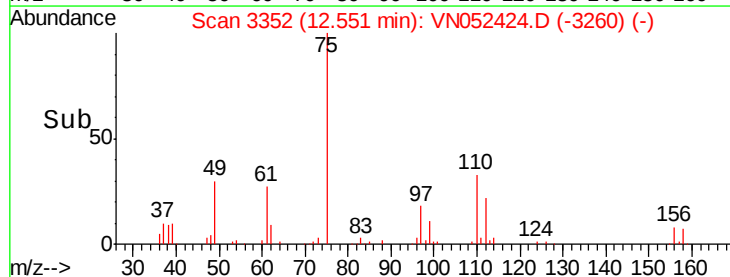
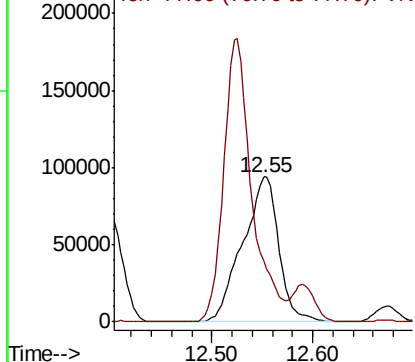
Ion Ratio Lower Upper

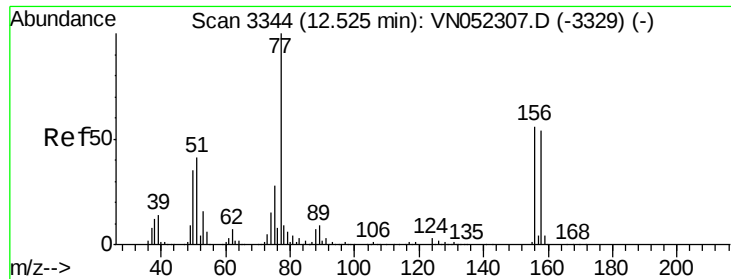
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.880 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

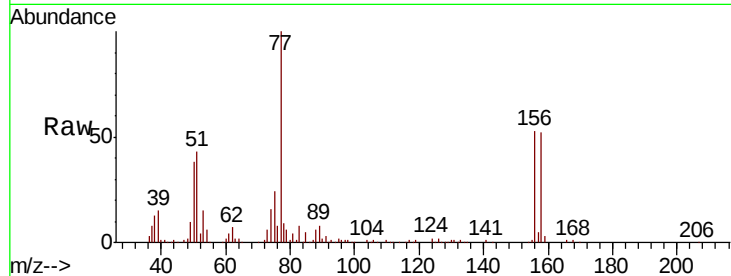
Tot Ion:156 Resp: 166185

Ion Ratio Lower Upper

156 100

77 215.3 103.6 310.9

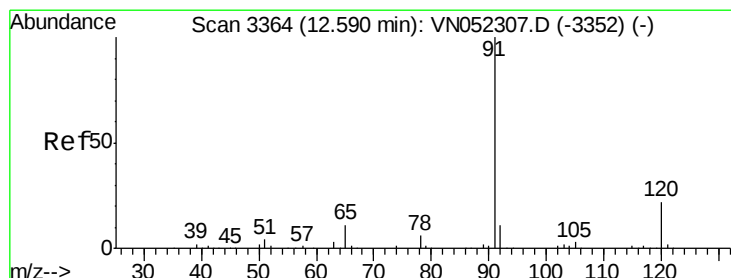
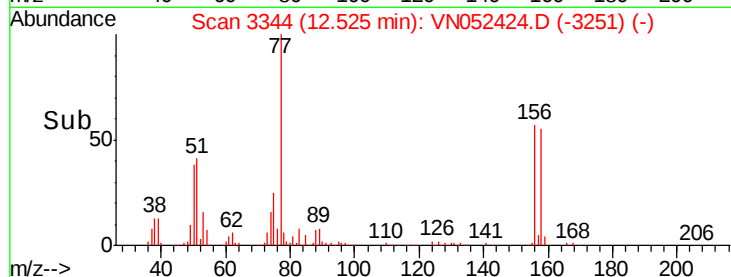
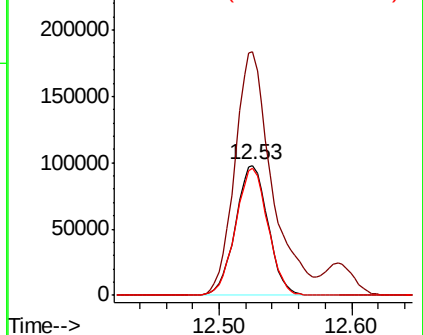
158 97.7 48.1 144.4



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: 50.241 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052424.D

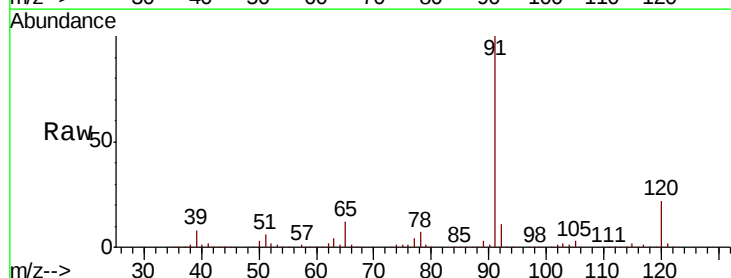
Acq: 20 Nov 2018 22:38

Tgt Ion: 91 Resp: 876496

Ion Ratio Lower Upper

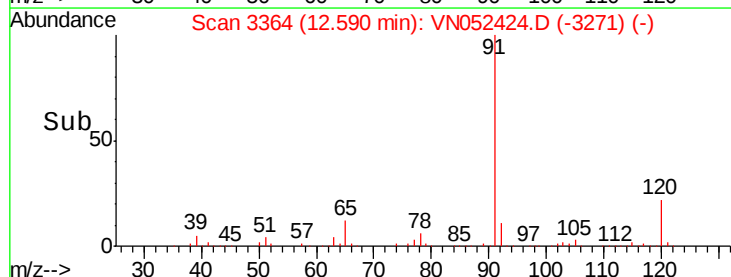
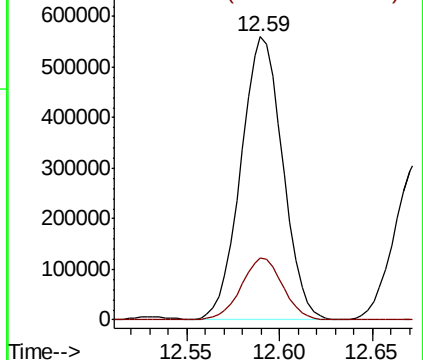
91 100

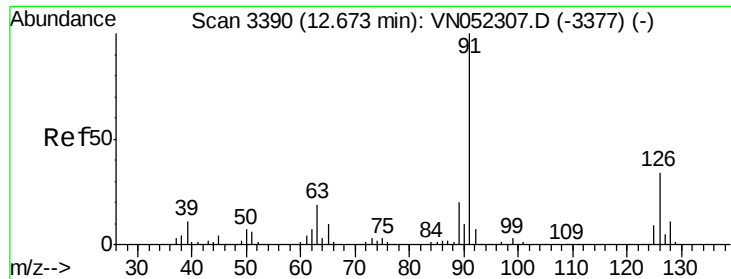
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.105 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

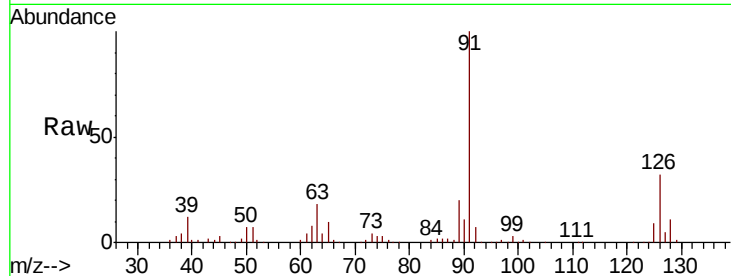
ClientSampled :

Tot Ion: 91 Resp: 510659

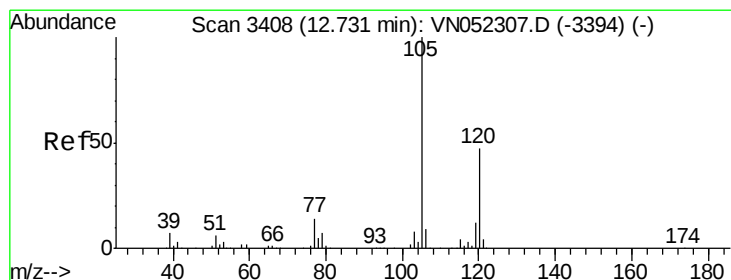
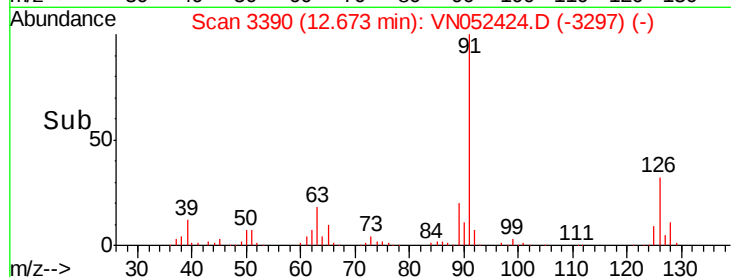
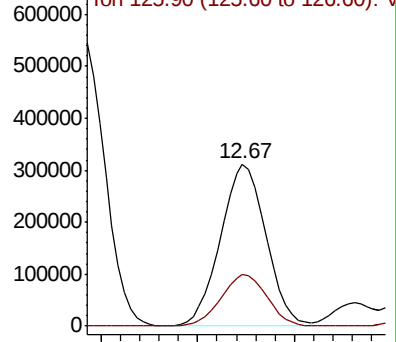
Ion Ratio Lower Upper

91 100

126 32.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.094 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052424.D

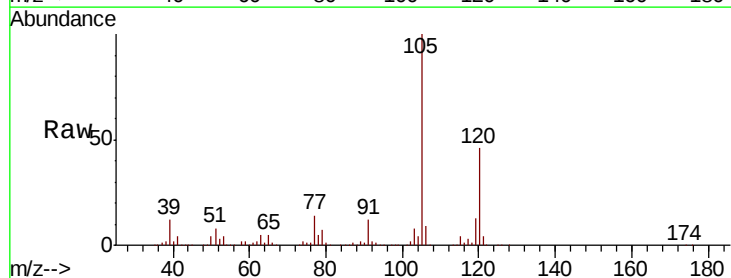
Acq: 20 Nov 2018 22:38

Tgt Ion:105 Resp: 606117

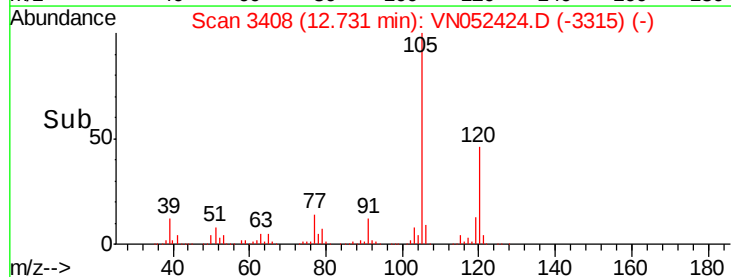
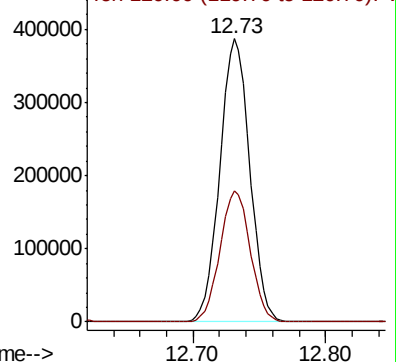
Ion Ratio Lower Upper

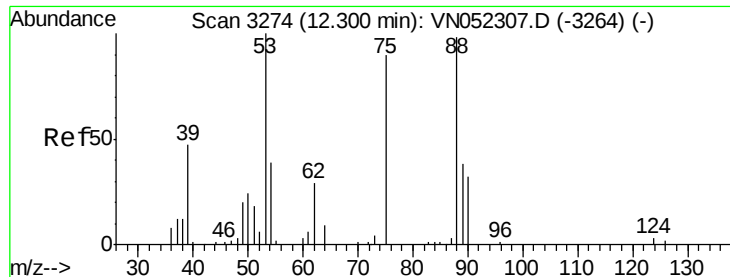
105 100

120 47.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.066 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

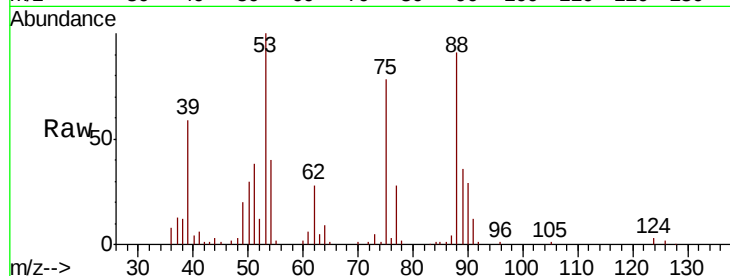
Tot Ion: 75 Resp: 45685

Ion	Ratio	Lower	Upper
75	100		
53	121.9	90.2	135.2
89	46.0	35.4	53.0

75 100

53 121.9 90.2 135.2

89 46.0 35.4 53.0

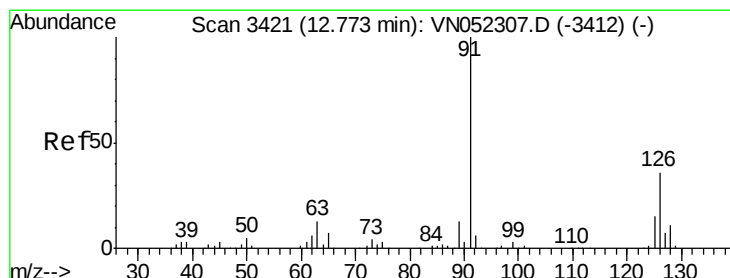
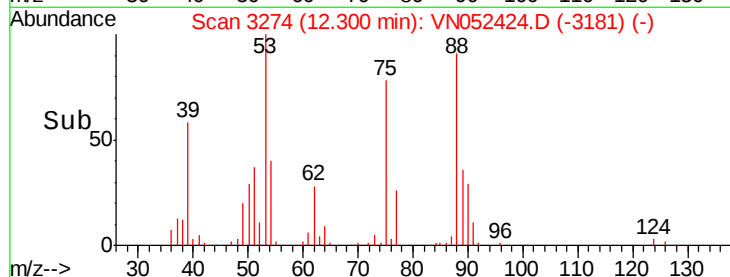
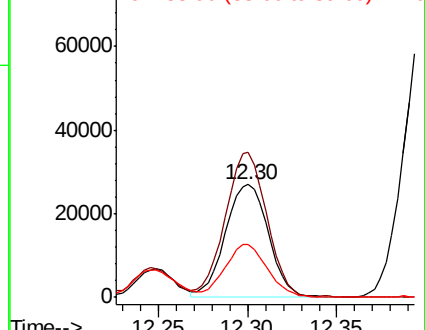


Abundance

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: 49.813 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052424.D

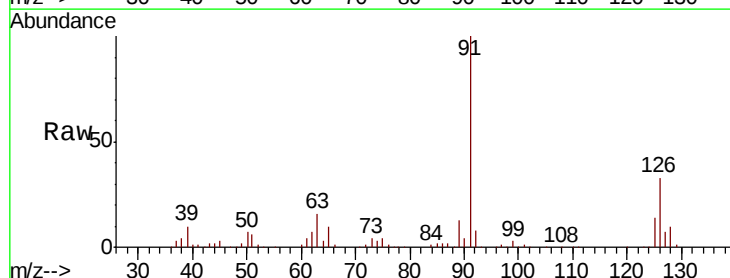
Acq: 20 Nov 2018 22:38

Tgt Ion: 91 Resp: 520128

Ion	Ratio	Lower	Upper
91	100		
126	32.0	17.0	50.9

91 100

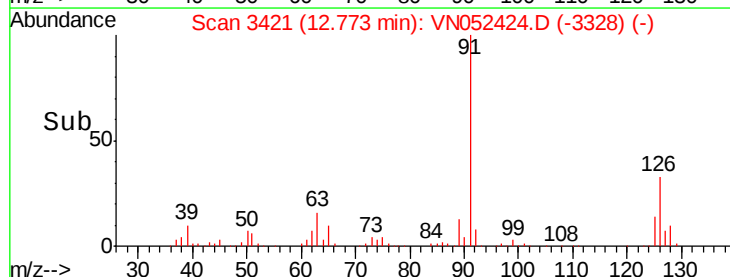
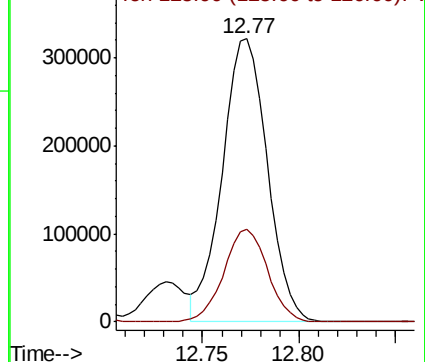
126 32.0 17.0 50.9

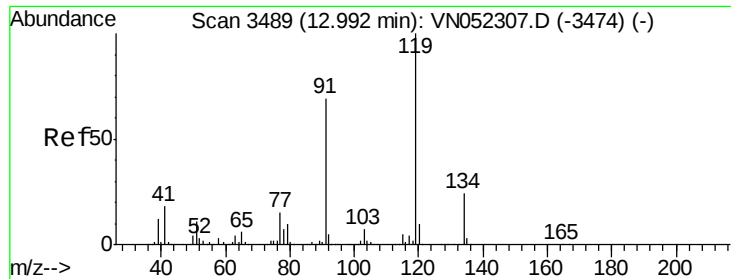


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

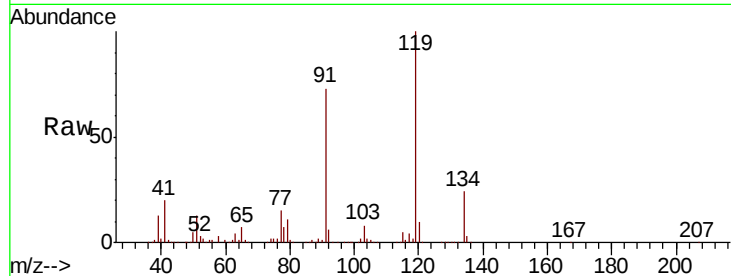




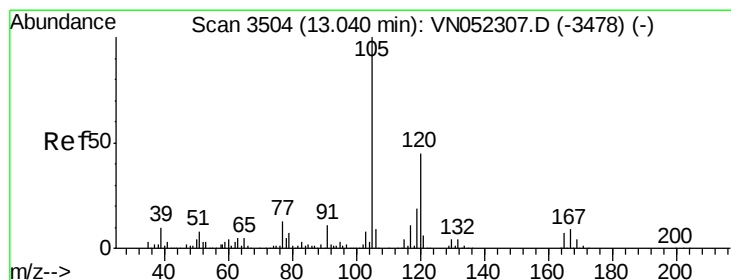
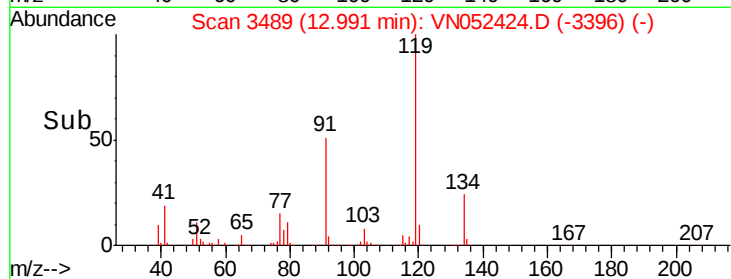
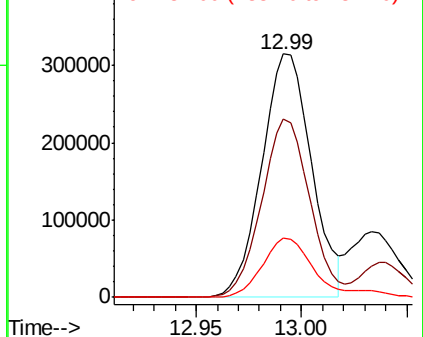
#83
tert-Butylbenzene
Concen: 49.345 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 516789
Ion Ratio Lower Upper
119 100
91 71.0 33.8 101.3
134 26.1 11.9 35.9

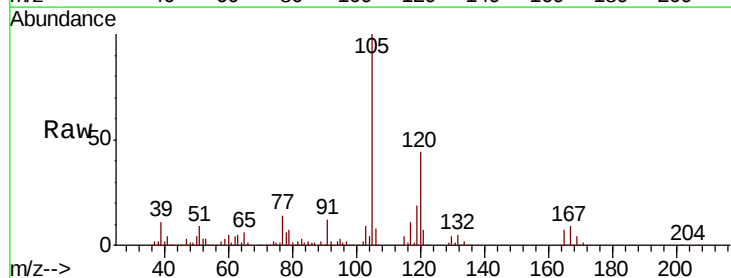


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

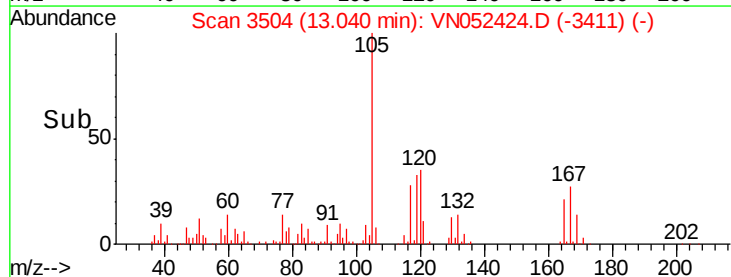
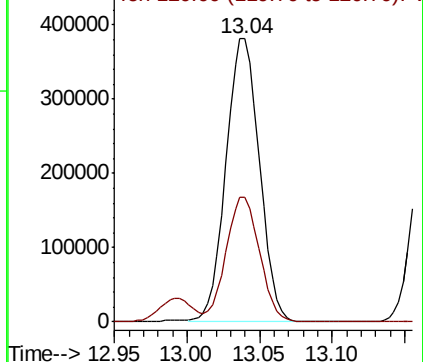


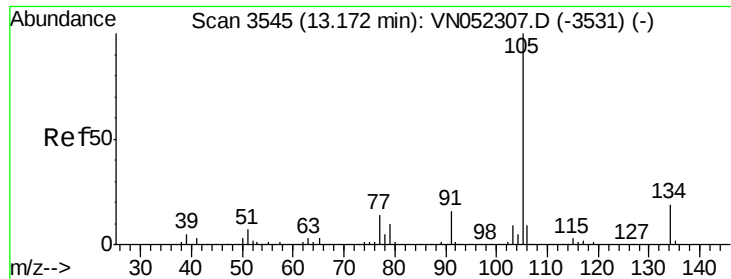
#84
1,2,4-Trimethylbenzene
Concen: 51.341 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion:105 Resp: 611408
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

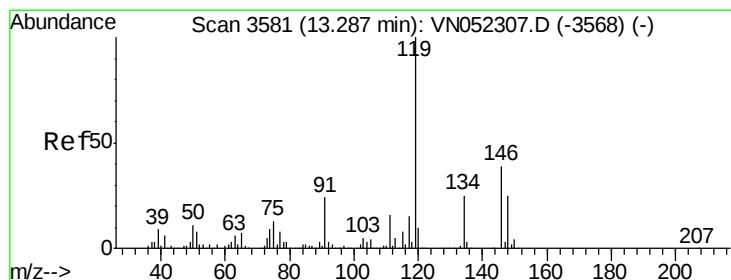
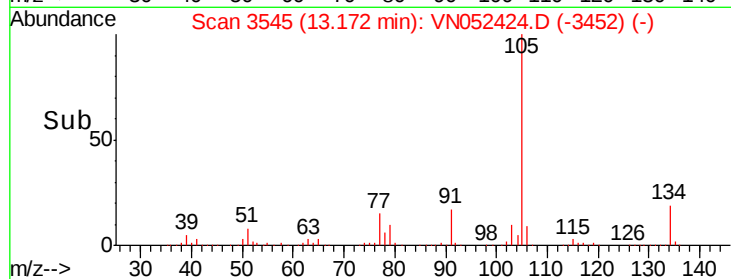
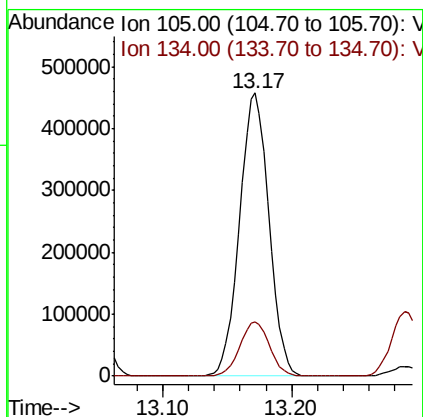
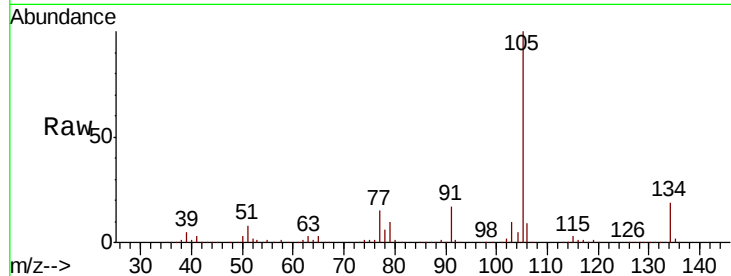




#85
 sec-Butylbenzene
 Concen: 50.768 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

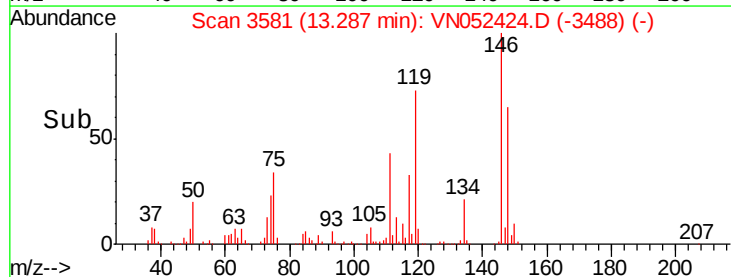
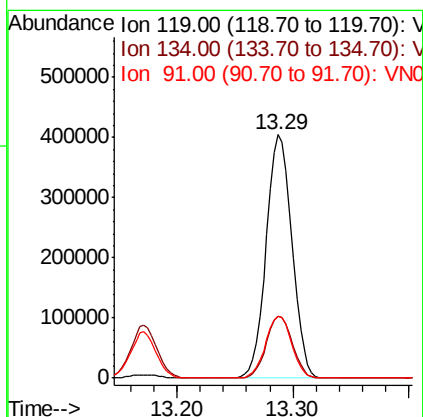
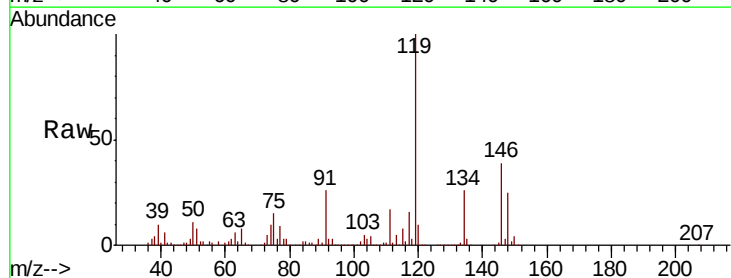
Instrument :
 MSVOA_N
 ClientSampled :

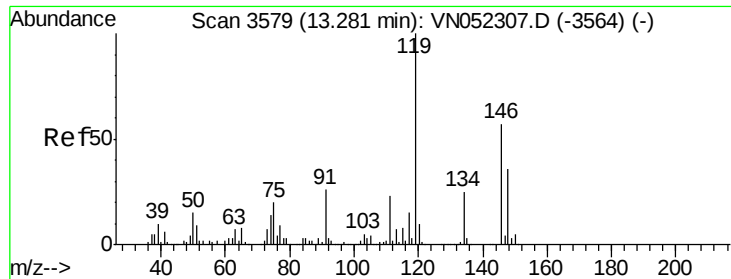
Tot Ion:105 Resp: 724280
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 51.369 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion:119 Resp: 620792
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 25.8 12.4 37.0

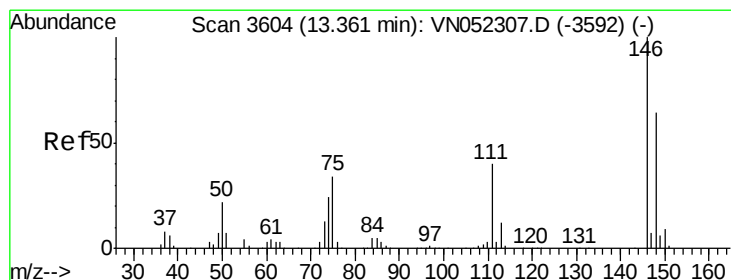
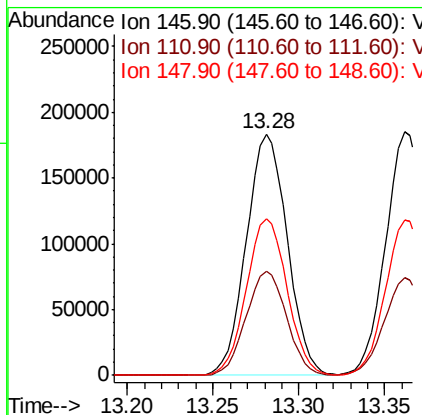
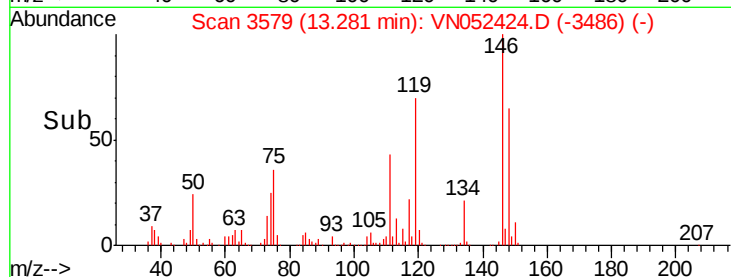
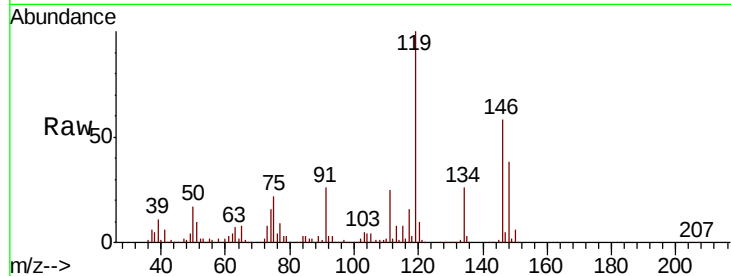




#87
 1,3-Dichlorobenzene
 Concen: 49.310 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

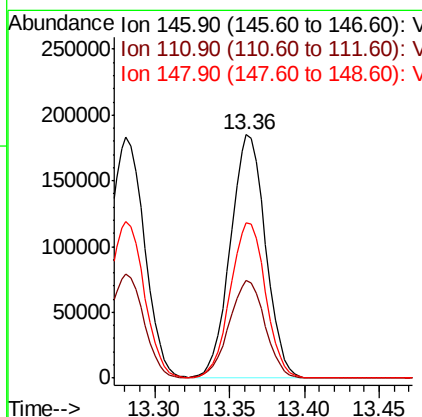
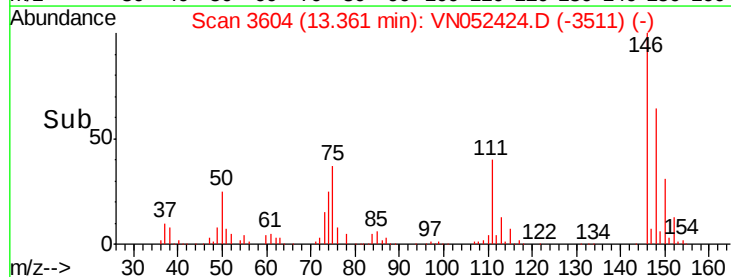
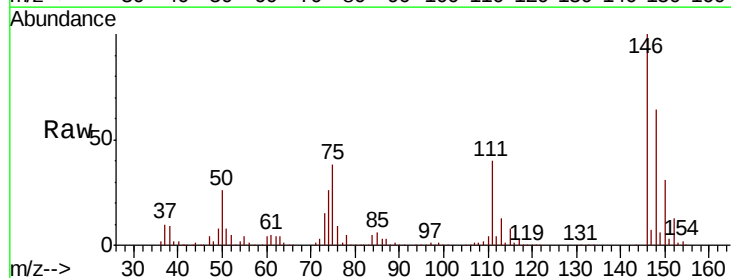
Instrument :
 MSVOA_N
 ClientSampled :

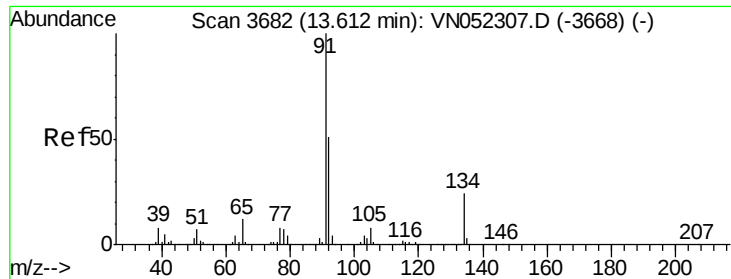
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	61.0
148	64.4	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.415 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.8
148	64.1	32.4	97.2





#89

n-Butylbenzene

Concen: 52.894 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052424.D

Acq: 20 Nov 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

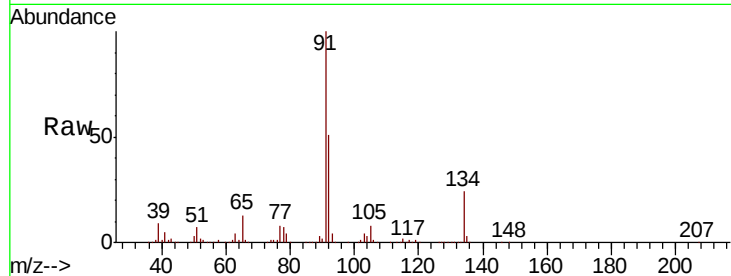
Tot Ion: 91 Resp: 549005

Ion Ratio Lower Upper

91 100

92 50.7 25.4 76.2

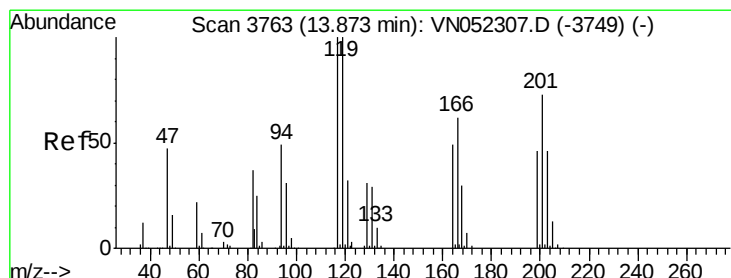
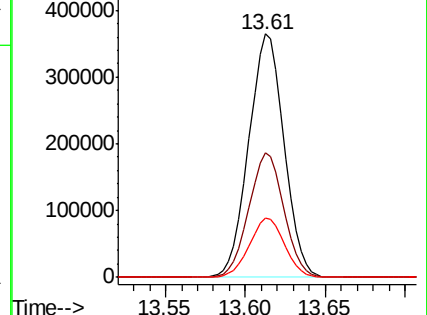
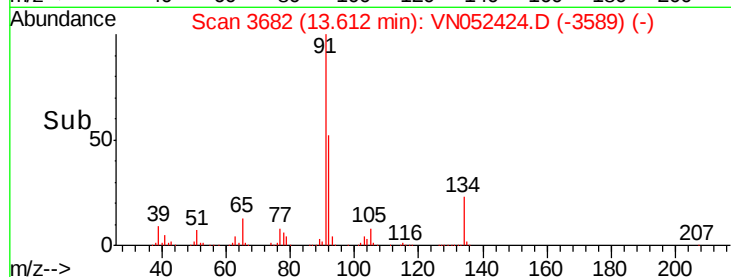
134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)



#90

Hexachloroethane

Concen: 50.263 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052424.D

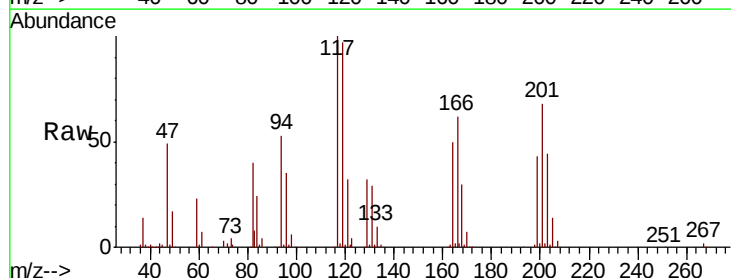
Acq: 20 Nov 2018 22:38

Tgt Ion: 117 Resp: 107587

Ion Ratio Lower Upper

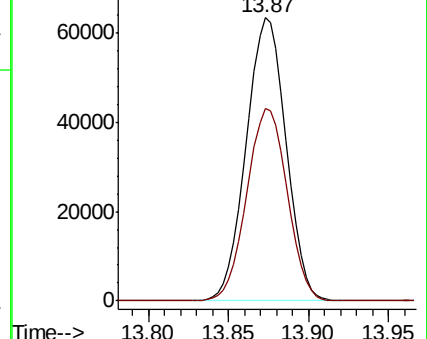
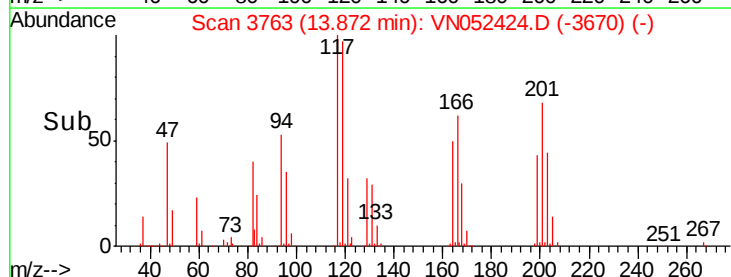
117 100

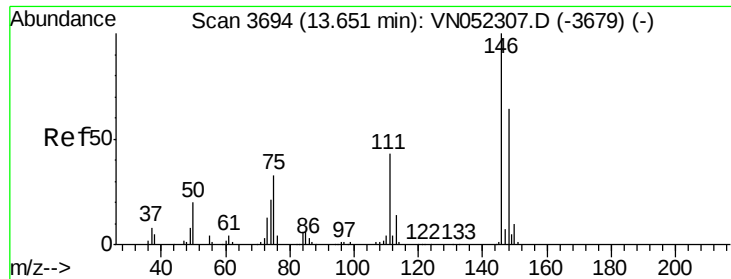
201 68.9 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 50.232 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN052424.D

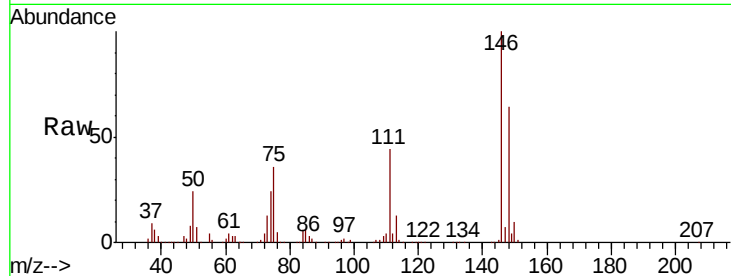
Acq: 20 Nov 2018 22:38

Instrument :

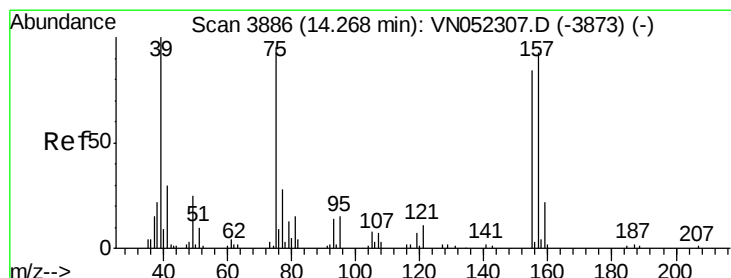
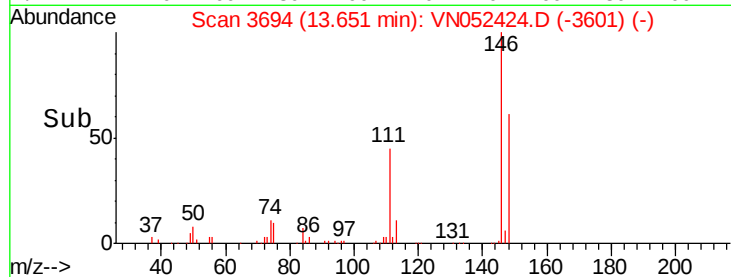
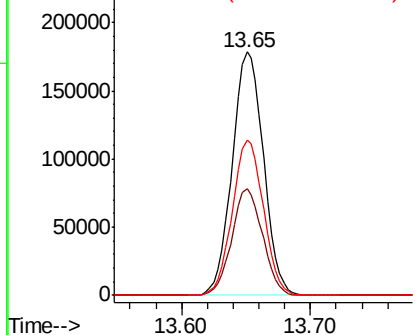
MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	299997
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	63.5	31.6	94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.682 ug/l

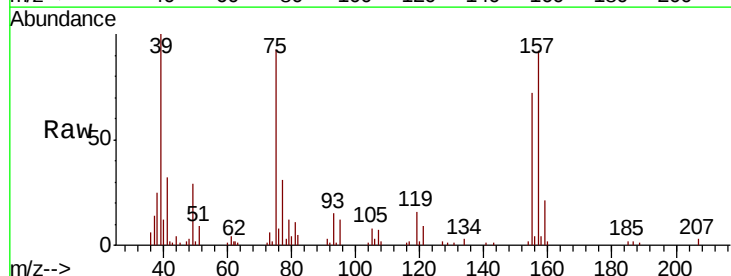
RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

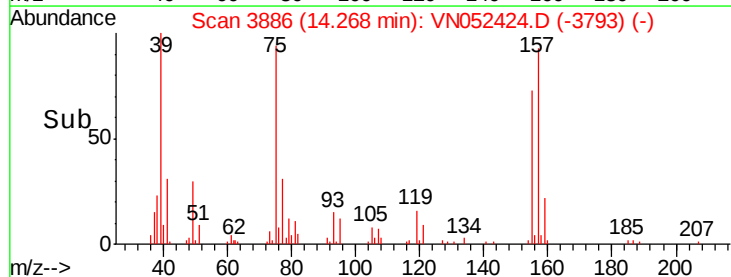
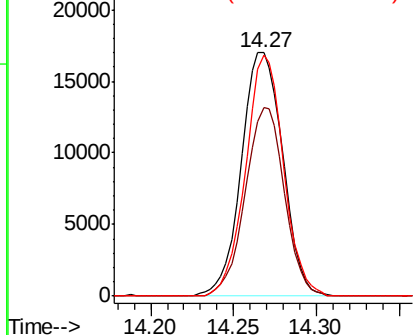
Lab File: VN052424.D

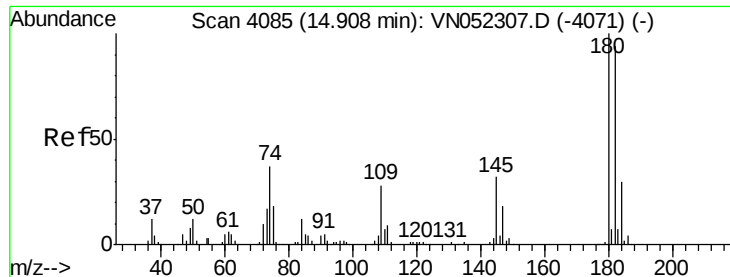
Acq: 20 Nov 2018 22:38

Tgt Ion:	75	Resp:	29609
Ion	Ratio	Lower	Upper
75	100		
155	73.3	42.4	127.3
157	90.6	49.6	149.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

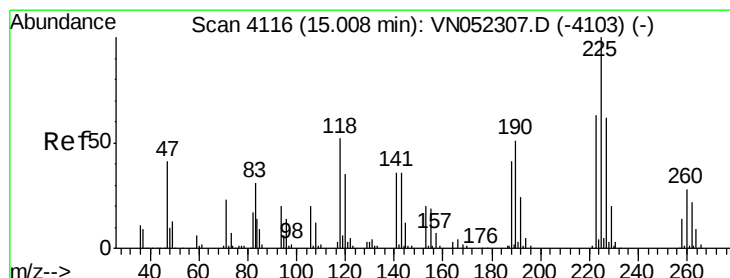
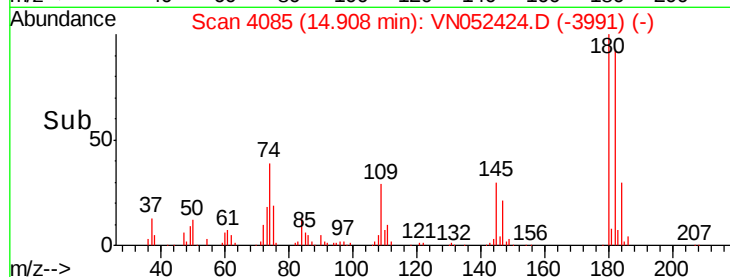
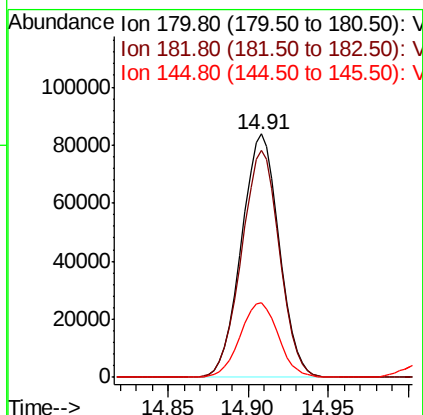
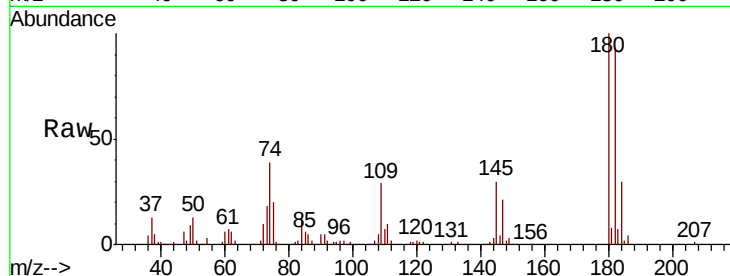




#93
 1,2,4-Trichlorobenzene
 Concen: 48.554 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

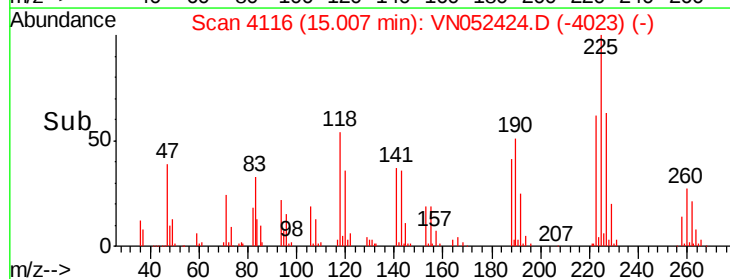
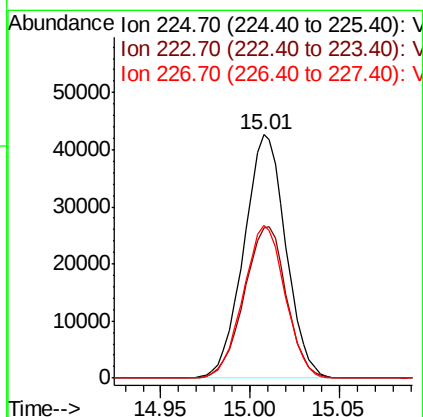
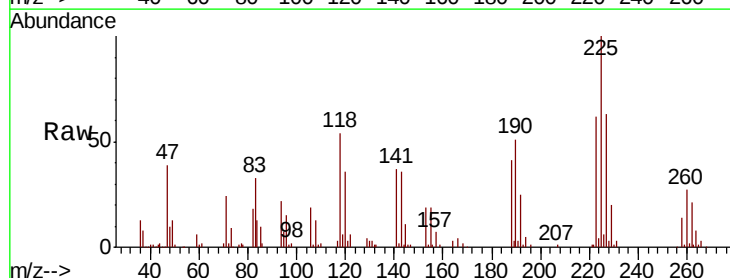
Instrument :
 MSVOA_N
 ClientSampled :

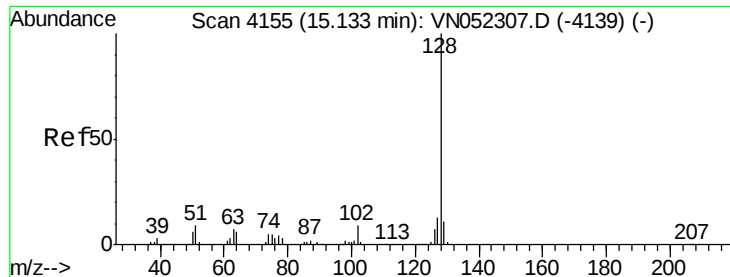
Tot Ion:180 Resp: 134732
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.9
 145 31.0 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 51.183 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052424.D
 Acq: 20 Nov 2018 22:38

Tgt Ion:225 Resp: 69964
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 62.5 31.6 95.0

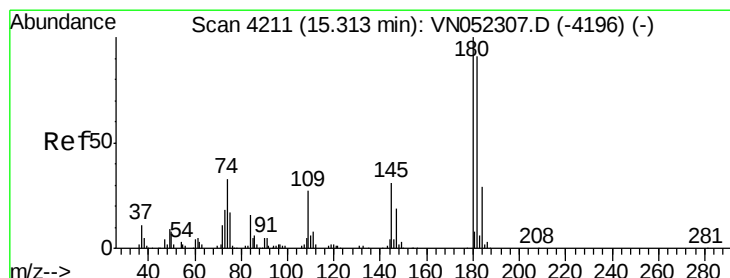
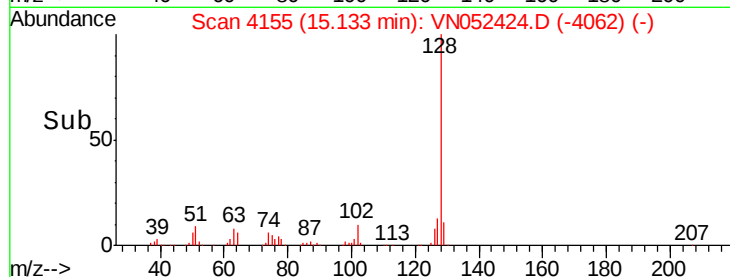
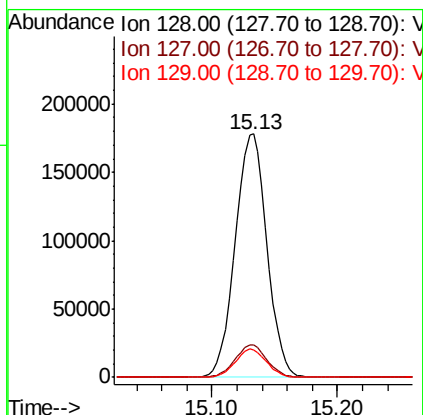
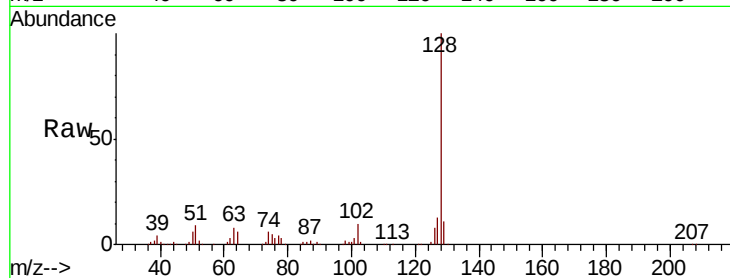




#95
Naphthalene
Concen: 47.667 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.564 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052424.D
Acq: 20 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.5	139.3
145	33.0	16.4	49.2

