

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056852.D
 Acq On : 22 Jul 2019 12:45
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 23 01:11:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	525404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	79906	20.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.98%	
35) Dibromofluoromethane	7.59	113	69910	21.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.62%	
50) Toluene-d8	10.09	98	269233	21.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.54%	
62) 4-Bromofluorobenzene	12.40	95	82716	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	86485	24.777	ug/l	98
3) Chloromethane	2.06	50	98828	21.717	ug/l	100
4) Vinyl Chloride	2.18	62	92706	21.308	ug/l	99
5) Bromomethane	2.56	94	54447	21.337	ug/l	98
6) Chloroethane	2.70	64	49977	20.022	ug/l	98
7) Trichlorofluoromethane	3.01	101	111189	20.234	ug/l	99
8) Diethyl Ether	3.41	74	40366	19.171	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68524	20.704	ug/l	98
10) Methyl Iodide	3.94	142	89428	20.058	ug/l	98
11) Tert butyl alcohol	4.81	59	54244	86.858	ug/l	98
12) 1,1-Dichloroethene	3.73	96	68506	20.647	ug/l	98
13) Acrolein	3.60	56	38844	135.691	ug/l	99
14) Allyl chloride	4.32	41	108869	19.192	ug/l	99
15) Acrylonitrile	4.99	53	160682	88.164	ug/l	98
16) Acetone	3.82	43	128748	75.816	ug/l	97
17) Carbon Disulfide	4.04	76	177082	20.048	ug/l	99
18) Methyl Acetate	4.33	43	92338	19.012	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	198616	19.015	ug/l	98
20) Methylene Chloride	4.55	84	78477	20.003	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	71524	20.468	ug/l	93
22) Diisopropyl ether	5.96	45	228728	20.326	ug/l	98
23) Vinyl Acetate	5.90	43	808434	90.624	ug/l	100
24) 1,1-Dichloroethane	5.84	63	130875	20.041	ug/l	99
25) 2-Butanone	6.84	43	194098	77.489	ug/l	100
26) 2,2-Dichloropropane	6.82	77	90109	19.338	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	81789	20.397	ug/l	99
28) Bromochloromethane	7.19	49	60771	19.942	ug/l	100
29) Tetrahydrofuran	7.22	42	135582	82.389	ug/l	100
30) Chloroform	7.37	83	130529	19.958	ug/l	98
31) Cyclohexane	7.65	56	125537	20.172	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	106195	20.511	ug/l	99
36) 1,1-Dichloropropene	7.79	75	97510	19.781	ug/l	99
37) Ethyl Acetate	6.93	43	83509	17.785	ug/l	99
38) Carbon Tetrachloride	7.77	117	92911	20.106	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	120752	19.849	ug/l	98
40) Benzene	8.04	78	304174	20.145	ug/l	99
41) Methacrylonitrile	7.22	41	120653	57.741	ug/l #	17
42) 1,2-Dichloroethane	8.12	62	96826	20.358	ug/l	100
43) Isopropyl Acetate	8.17	43	132783	17.858	ug/l	99
44) Trichloroethene	8.83	130	81415	19.835	ug/l	99
45) 1,2-Dichloropropane	9.12	63	81802	20.436	ug/l	99
46) Dibromomethane	9.21	93	49690	20.092	ug/l	99
47) Bromodichloromethane	9.40	83	93690	19.890	ug/l	96
48) Methyl methacrylate	9.20	41	66930	18.510	ug/l	100
49) 1,4-Dioxane	9.20	88	27021	361.659	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	406822	85.161	ug/l	99
52) Toluene	10.15	92	186275	20.743	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	94675	19.327	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	114636	20.112	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	72148	19.328	ug/l	98
56) Ethyl methacrylate	10.43	69	101590	19.134	ug/l	99
57) 1,3-Dichloropropane	10.71	76	119980	19.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	211378	84.542	ug/l	98
59) 2-Hexanone	10.75	43	281883	83.043	ug/l	97
60) Dibromochloromethane	10.90	129	73038	19.870	ug/l	99
61) 1,2-Dibromoethane	11.00	107	73025	19.667	ug/l	99
64) Tetrachloroethene	10.63	164	79594	19.742	ug/l	98
65) Chlorobenzene	11.43	112	192475	20.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	72700	20.708	ug/l	99
67) Ethyl Benzene	11.51	91	339392	20.270	ug/l	100
68) m/p-Xylenes	11.62	106	253279	40.497	ug/l	100
69) o-Xylene	11.94	106	122472	19.913	ug/l	97
70) Styrene	11.96	104	199335	20.069	ug/l	99
71) Bromoform	12.12	173	49288	18.742	ug/l #	100
73) Isopropylbenzene	12.25	105	326620	21.731	ug/l	99
74) N-amyl acetate	12.07	43	106598	19.473	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	94711	19.100	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	110510	27.756	ug/l #	100
77) Bromobenzene	12.52	156	83361	21.221	ug/l	99
78) n-propylbenzene	12.59	91	343318	20.679	ug/l	99
79) 2-Chlorotoluene	12.67	91	213931	20.823	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	276506	21.763	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	23552	18.356	ug/l	94
82) 4-Chlorotoluene	12.77	91	198202	20.330	ug/l	99
83) tert-Butylbenzene	12.99	119	236996	21.380	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	267938	21.629	ug/l	100
85) sec-Butylbenzene	13.17	105	302835	21.416	ug/l	99
86) p-Isopropyltoluene	13.28	119	272427	21.309	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	128448	20.108	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	123871	19.941	ug/l	99
89) n-Butylbenzene	13.61	91	206013	20.122	ug/l	99
90) Hexachloroethane	13.87	117	45148	21.663	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	129581	19.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13576	17.488	ug/l	97

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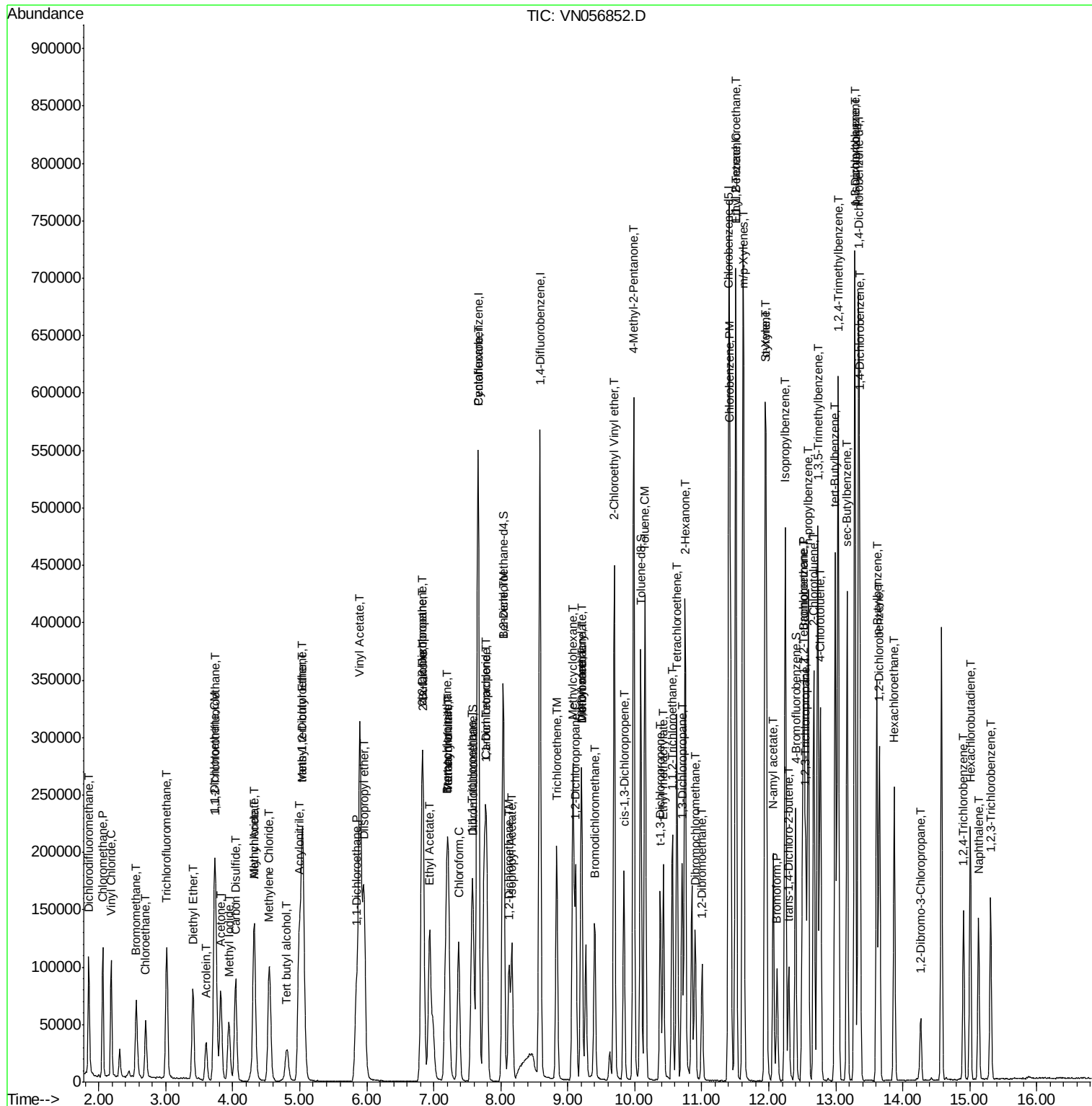
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	50961	17.347	ug/l	99
94) Hexachlorobutadiene	15.01	225	47125	20.047	ug/l	98
95) Naphthalene	15.13	128	128839	16.411	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	59186	19.274	ug/l	99

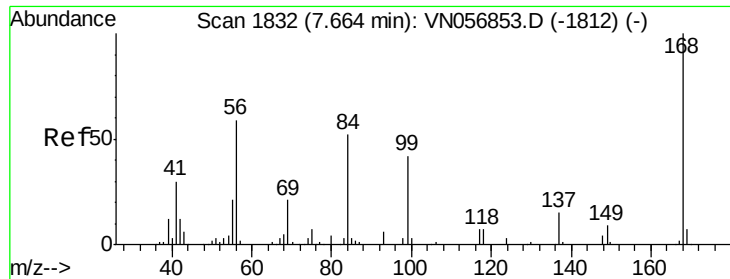
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072219\
Data File : VN056852.D
Acq On : 22 Jul 2019 12:45
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Quant Time: Jul 23 01:11:14 2019
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

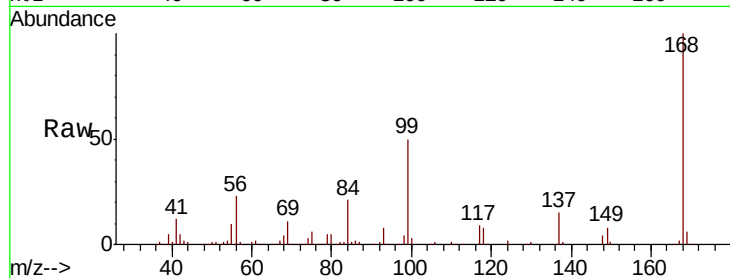
VSTDIC020

Tot Ion:168 Resp: 346869

Ion Ratio Lower Upper

168 100

99 50.2 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

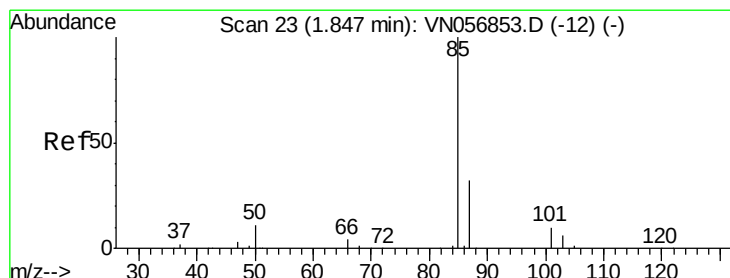
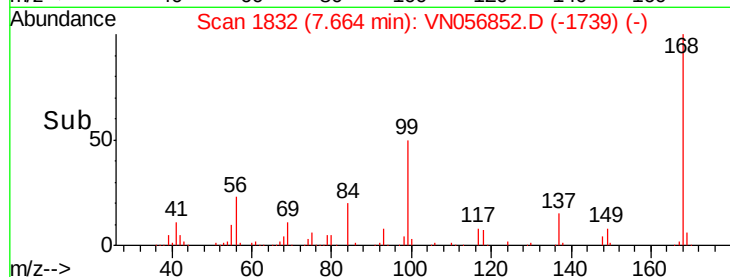
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.777 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056852.D

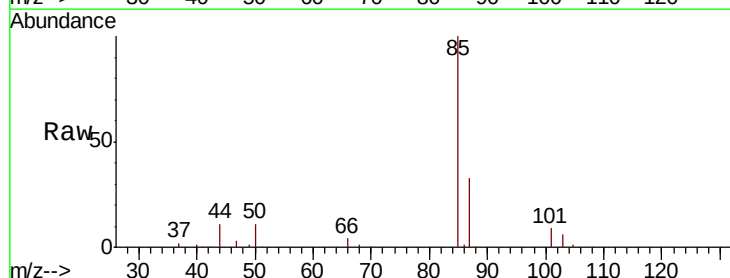
Acq: 22 Jul 2019 12:45

Tgt Ion: 85 Resp: 86485

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

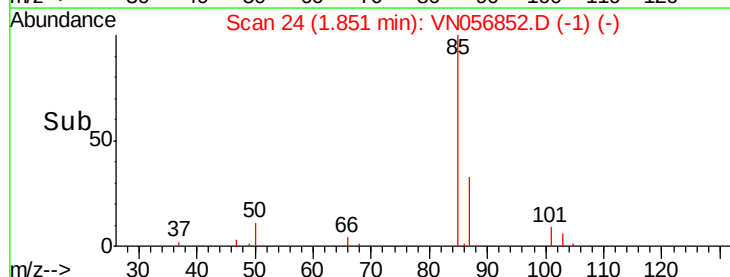
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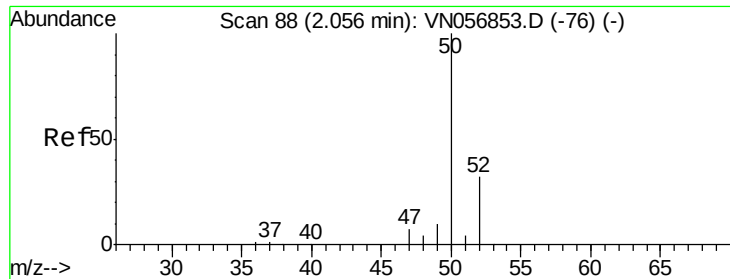
40000

20000

0

Time-->





#3

Chloromethane

Concen: 21.717 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

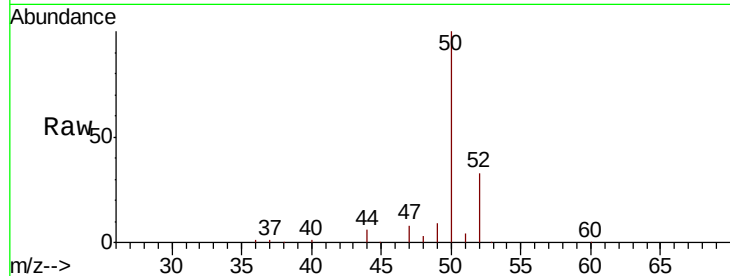
VSTDIC020

Tot Ion: 50 Resp: 98828

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN056852.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN056852.D (-1) (-)

2.06

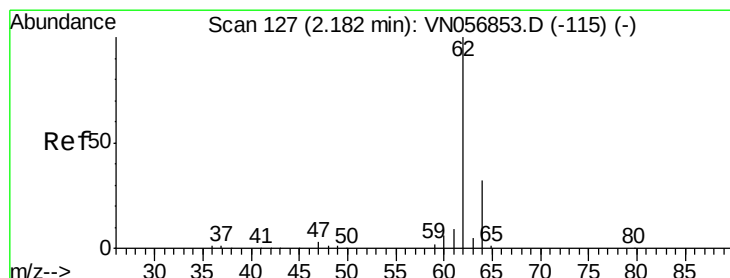
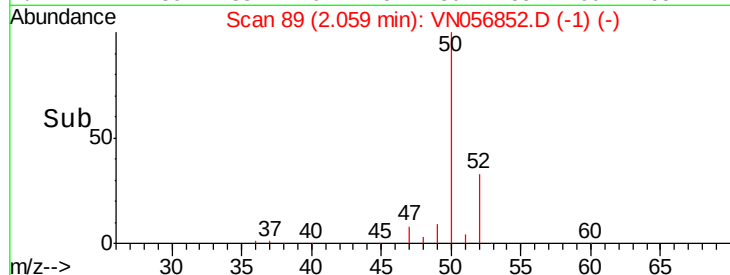
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 21.308 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056852.D

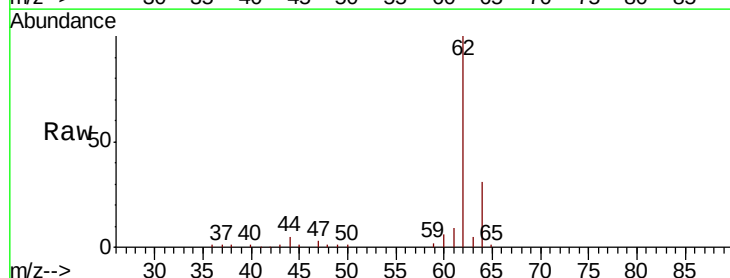
Acq: 22 Jul 2019 12:45

Tgt Ion: 62 Resp: 92706

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN056852.D (-34) (-)

Ion 63.90 (63.60 to 64.60): VN056852.D (-34) (-)

2.18

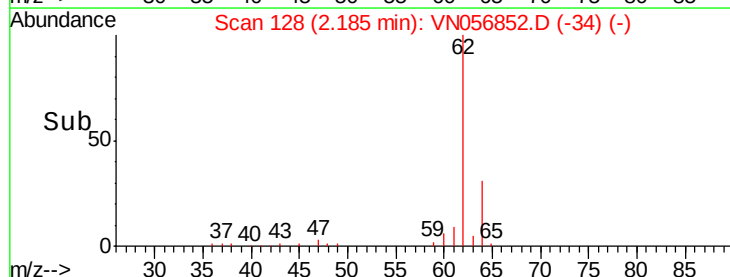
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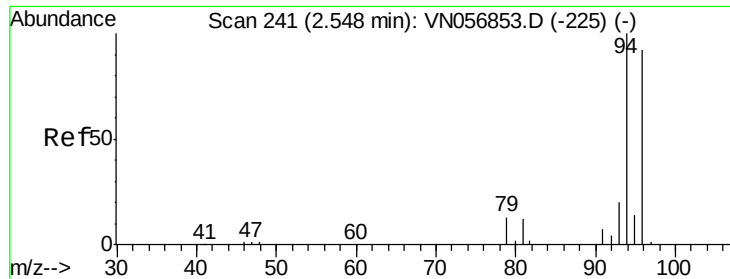
40000

20000

0

Time-->





#5

Bromomethane

Concen: 21.337 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.01 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

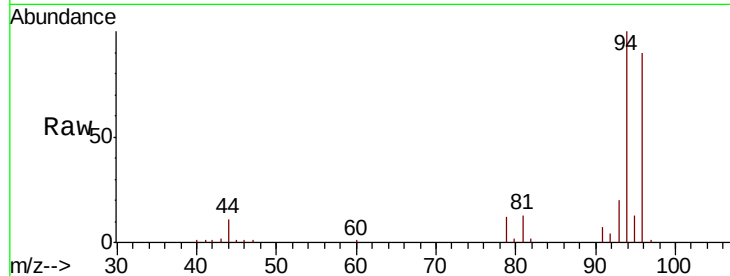
VSTDIC020

Tot Ion: 94 Resp: 54447

Ion Ratio Lower Upper

94 100

96 90.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

25000

20000

15000

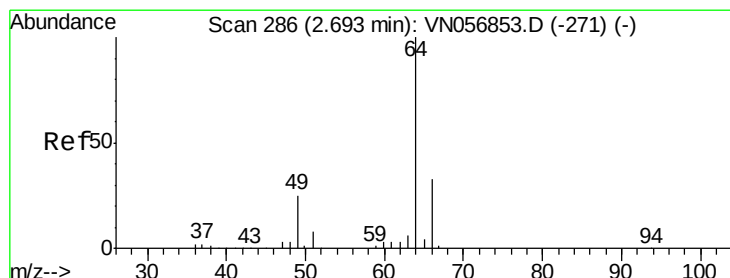
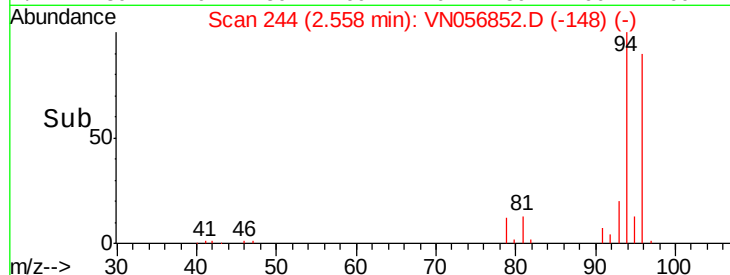
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.022 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.01 min

Lab File: VN056852.D

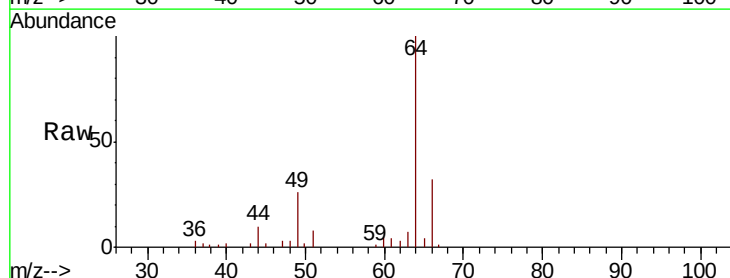
Acq: 22 Jul 2019 12:45

Tgt Ion: 64 Resp: 49977

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

25000

20000

15000

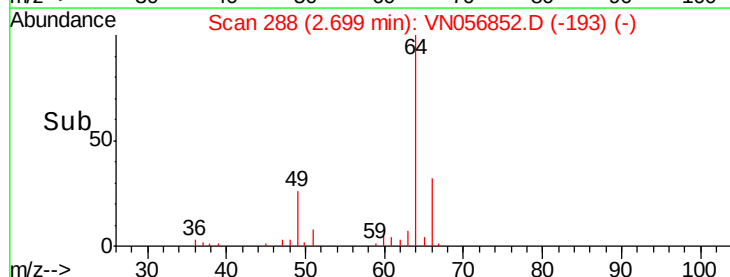
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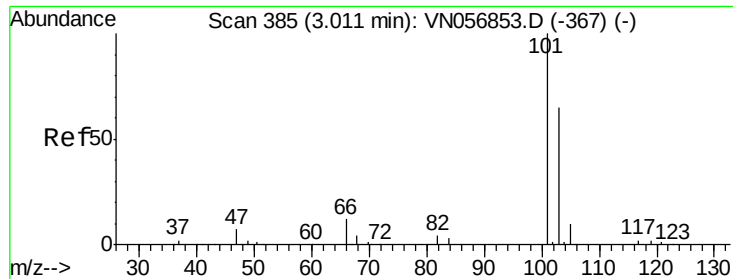
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



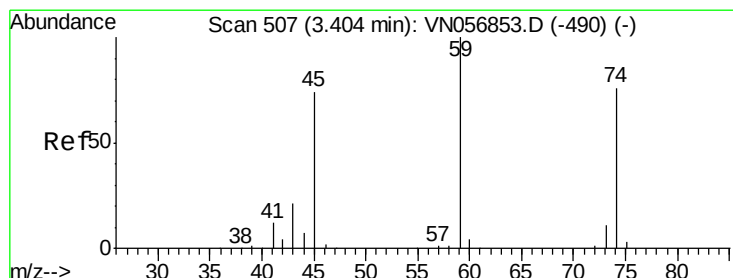
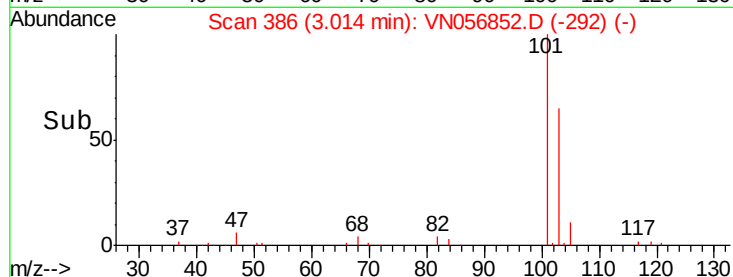
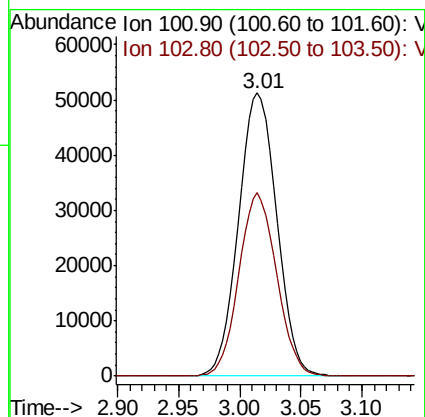
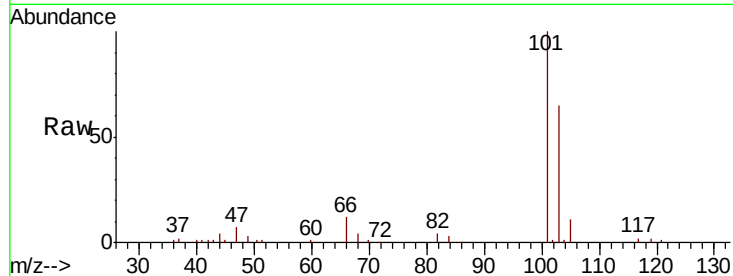


#7

Trichlorofluoromethane
Concen: 20.234 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
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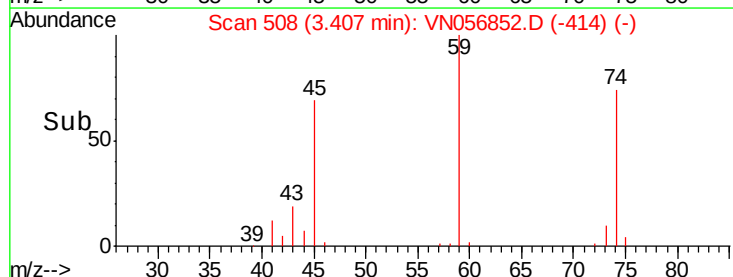
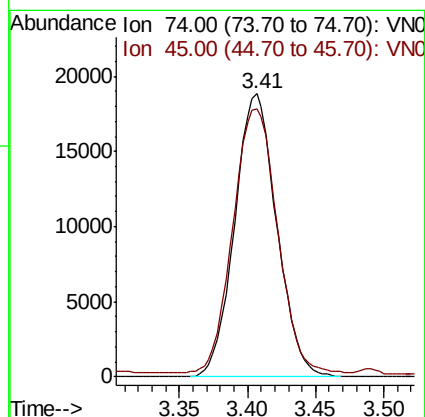
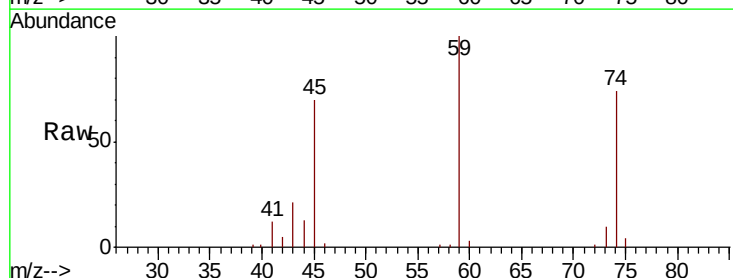
Tot Ion:101 Resp: 111189
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

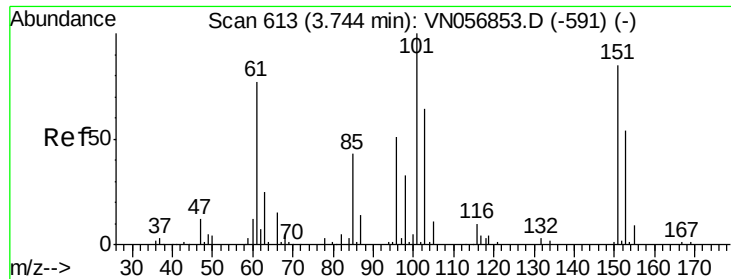


#8

Diethyl Ether
Concen: 19.171 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 74 Resp: 40366
Ion Ratio Lower Upper
74 100
45 98.2 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.704 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

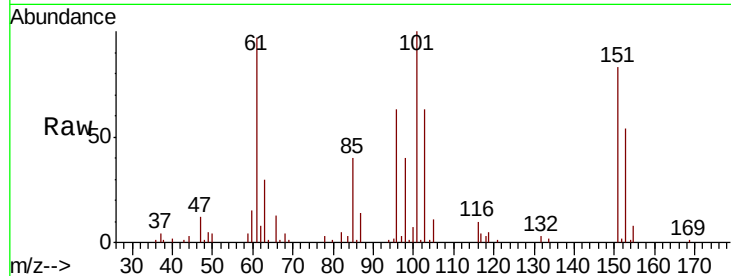
Tot Ion:101 Resp: 68524

Ion Ratio Lower Upper

101 100

85 40.7 33.7 50.5

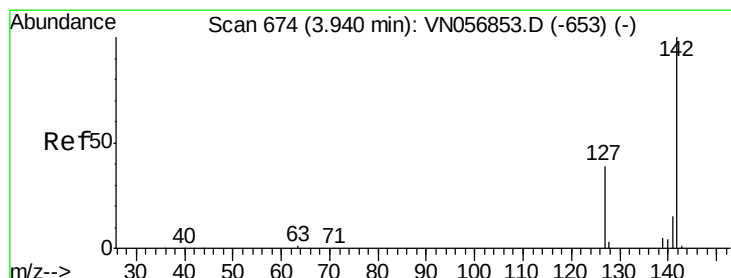
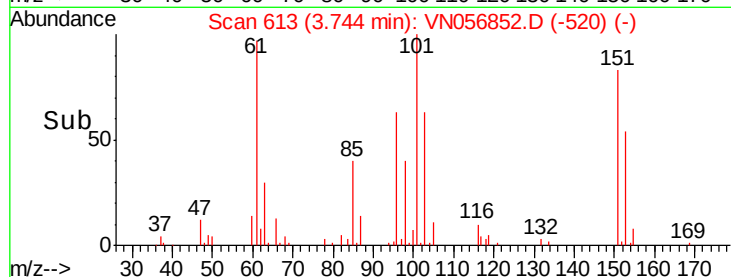
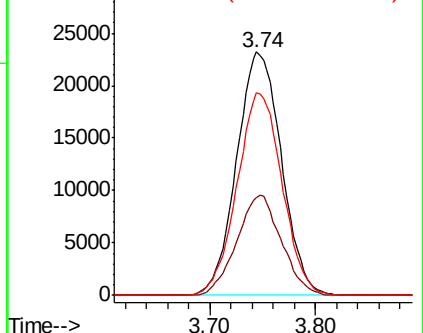
151 83.5 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.058 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

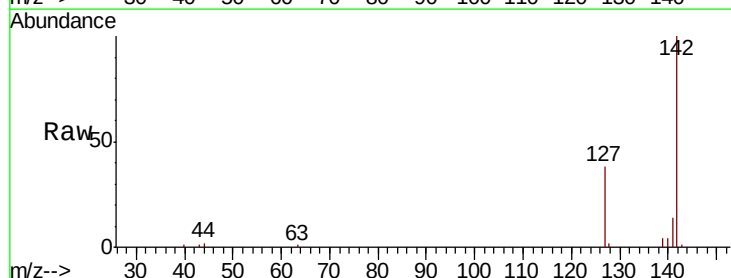
Tgt Ion:142 Resp: 89428

Ion Ratio Lower Upper

142 100

127 37.9 31.2 46.8

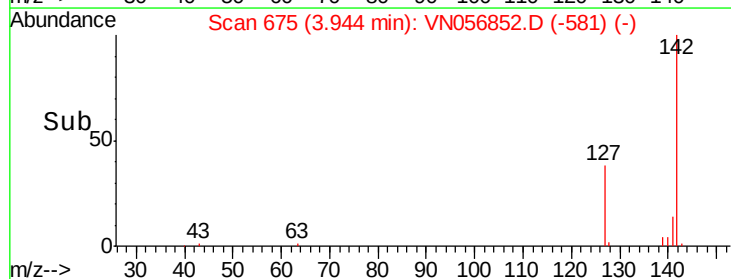
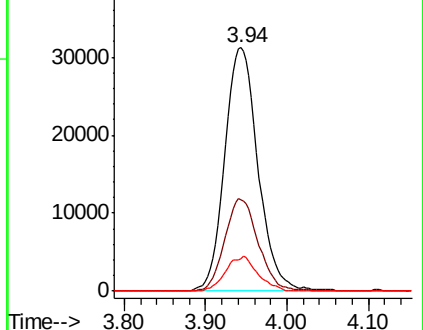
141 13.7 11.4 17.2

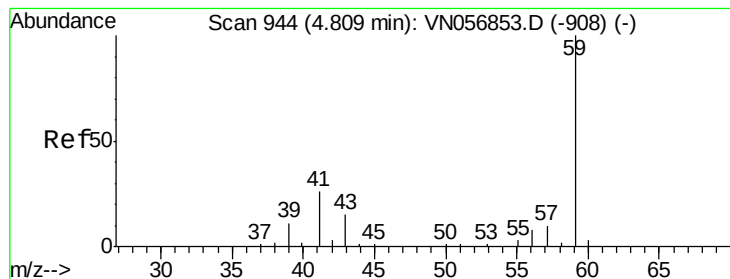


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.858 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

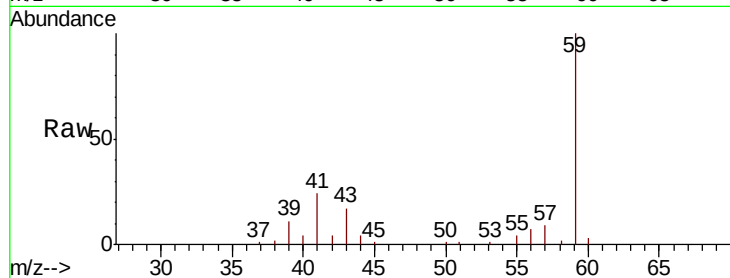
VSTDIC020

Tot Ion: 59 Resp: 54244

Ion Ratio Lower Upper

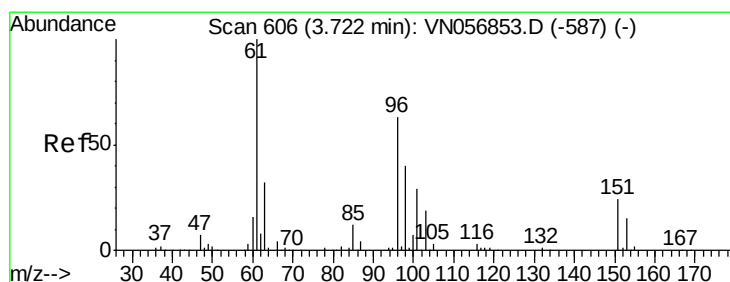
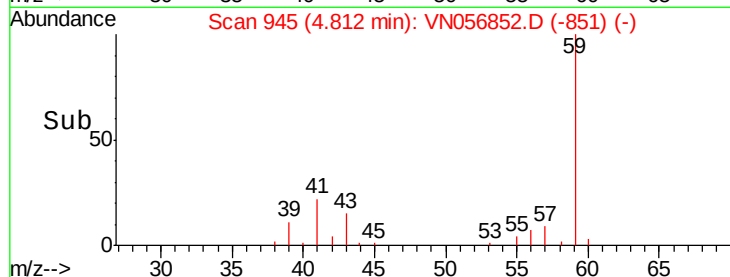
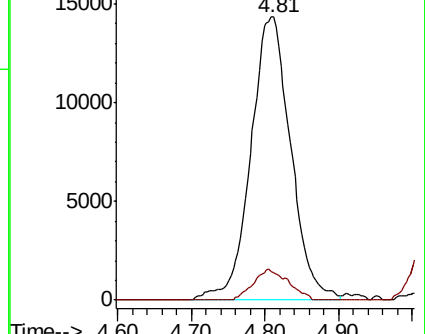
59 100

57 9.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 20.647 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

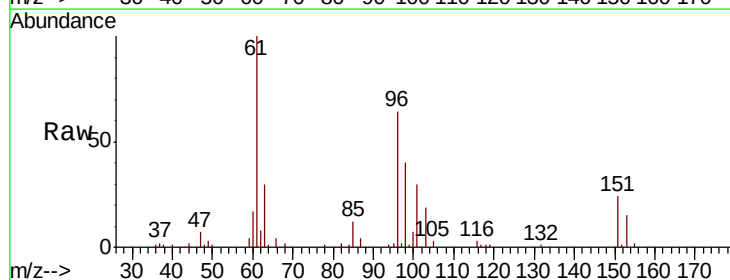
Tgt Ion: 96 Resp: 68506

Ion Ratio Lower Upper

96 100

61 155.2 126.3 189.5

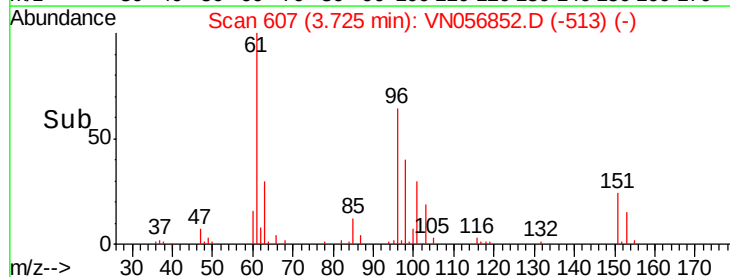
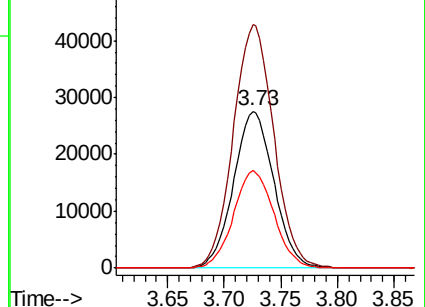
98 62.1 51.0 76.4

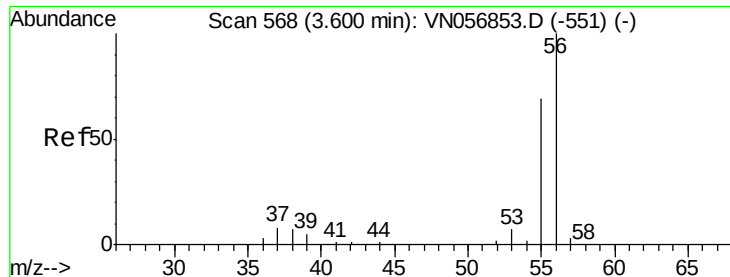


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 135.691 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

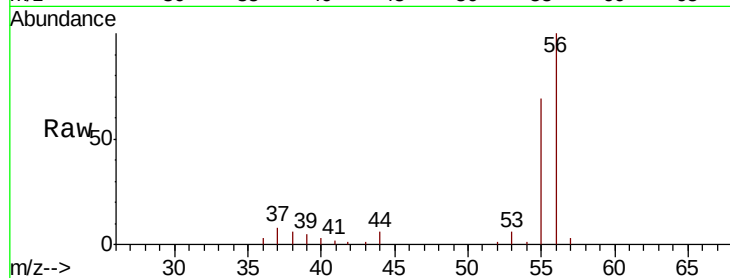
VSTDIC020

Tot Ion: 56 Resp: 38844

Ion Ratio Lower Upper

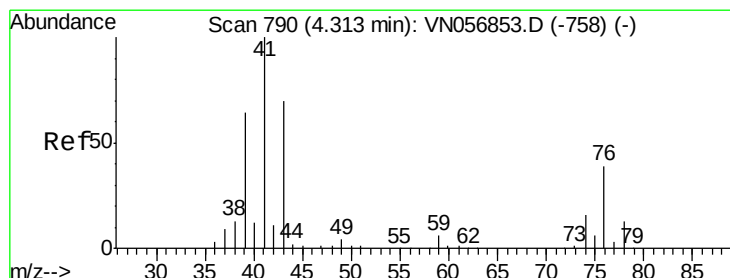
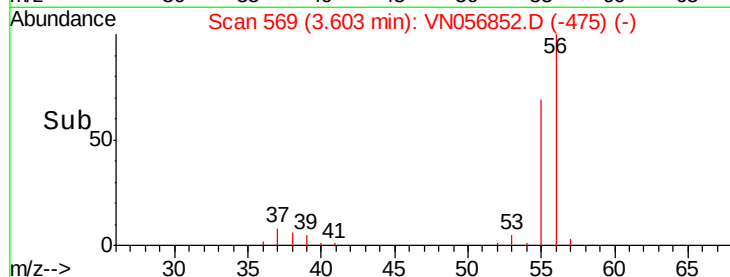
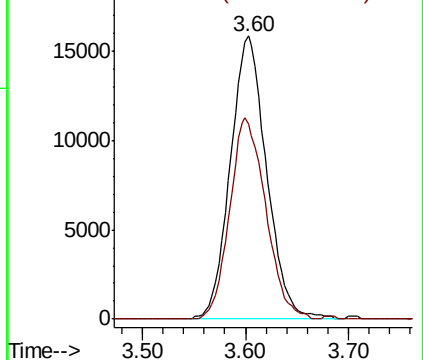
56 100

55 70.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.192 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

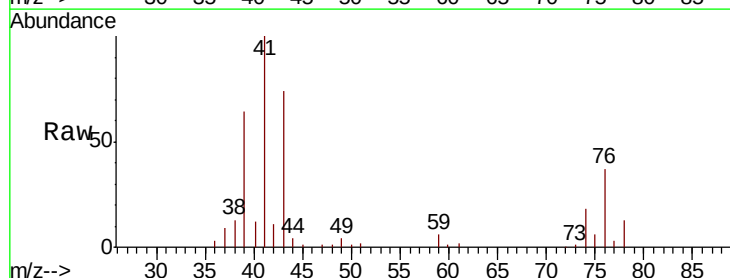
Tgt Ion: 41 Resp: 108869

Ion Ratio Lower Upper

41 100

39 59.9 47.8 71.6

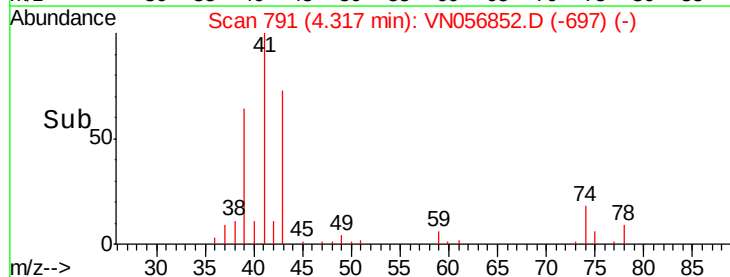
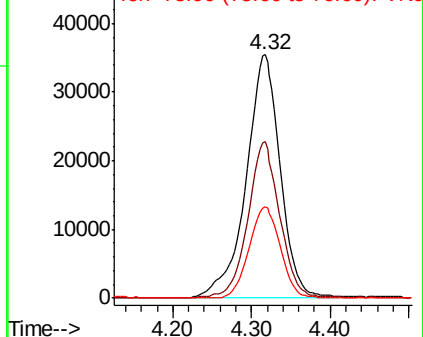
76 34.3 27.9 41.9

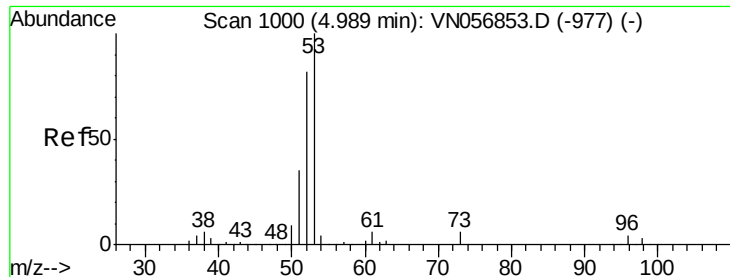


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 88.164 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

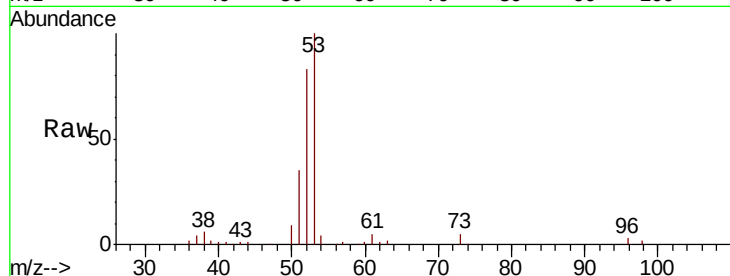
Tot Ion: 53 Resp: 160682

Ion Ratio Lower Upper

53 100

52 83.3 65.0 97.6

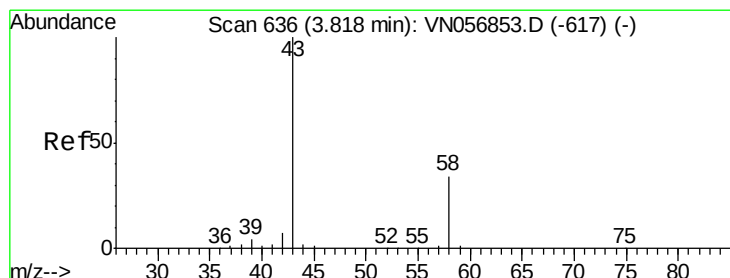
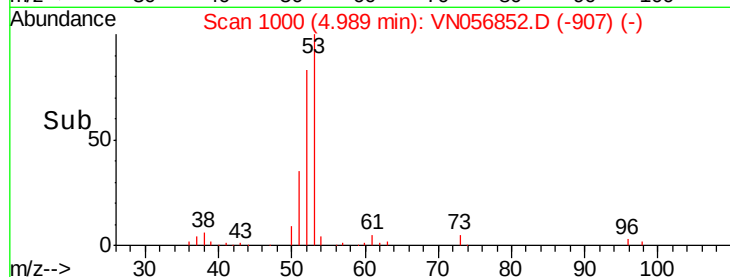
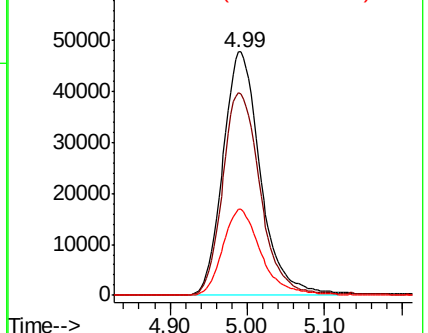
51 36.0 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 75.816 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056852.D

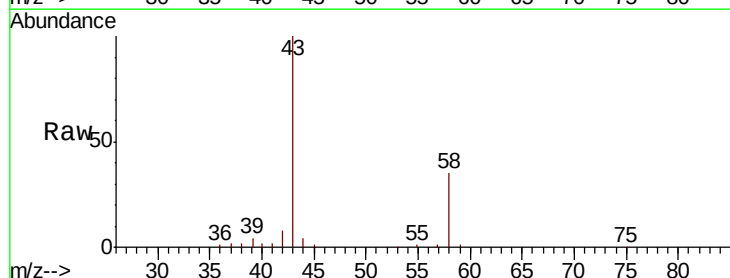
Acq: 22 Jul 2019 12:45

Tgt Ion: 43 Resp: 128748

Ion Ratio Lower Upper

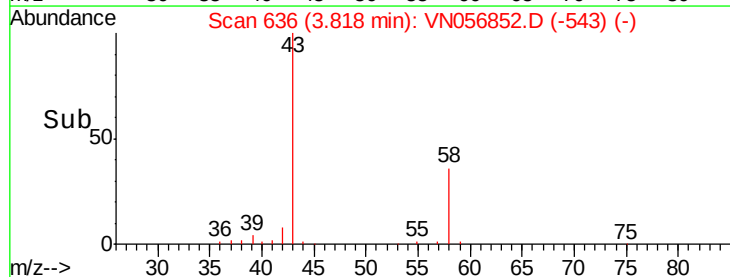
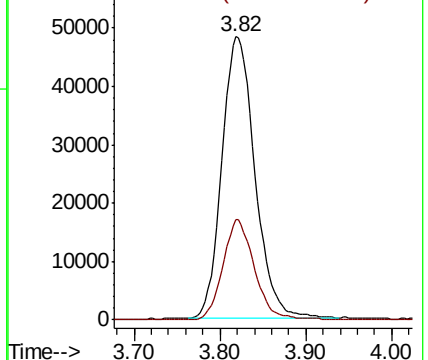
43 100

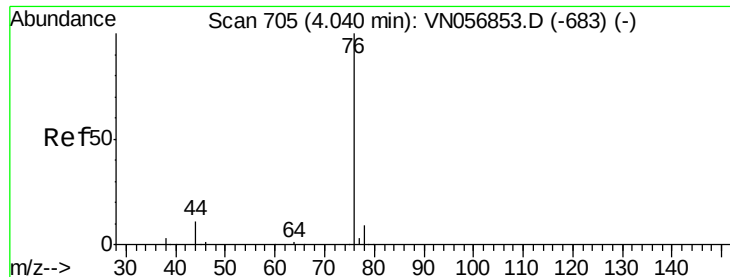
58 35.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 20.048 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

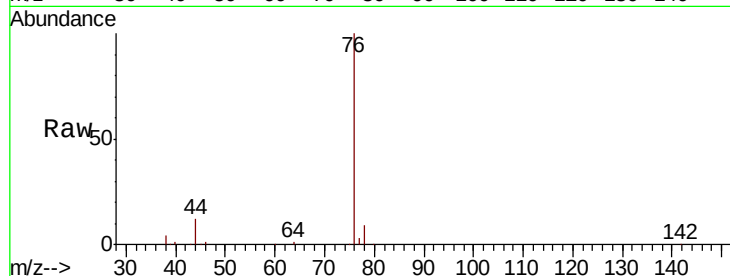
VSTDIC020

Tot Ion: 76 Resp: 177082

Ion Ratio Lower Upper

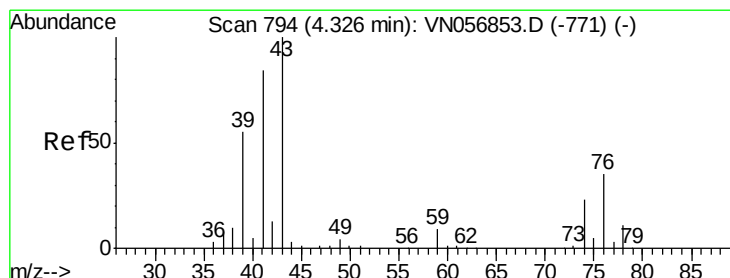
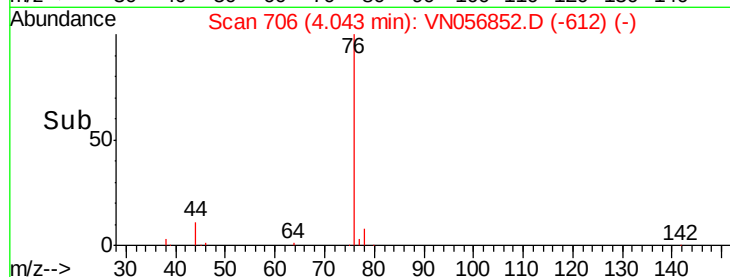
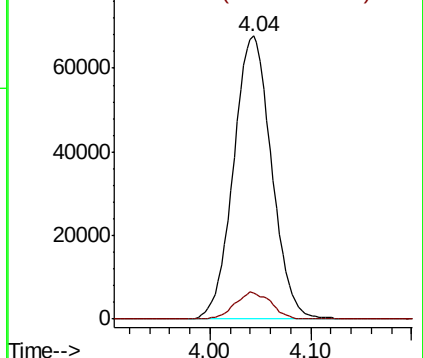
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.012 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056852.D

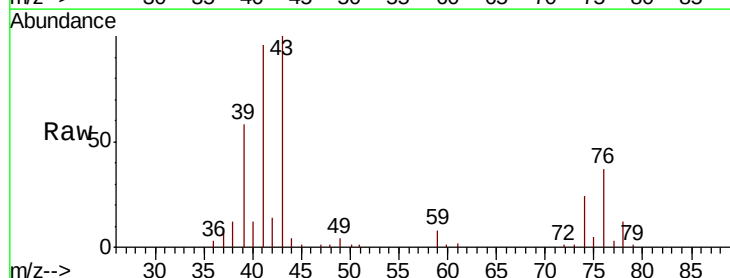
Acq: 22 Jul 2019 12:45

Tgt Ion: 43 Resp: 92338

Ion Ratio Lower Upper

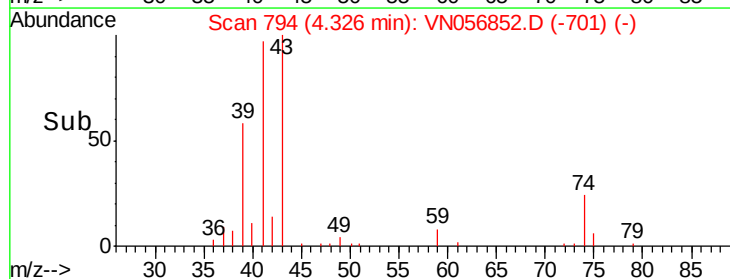
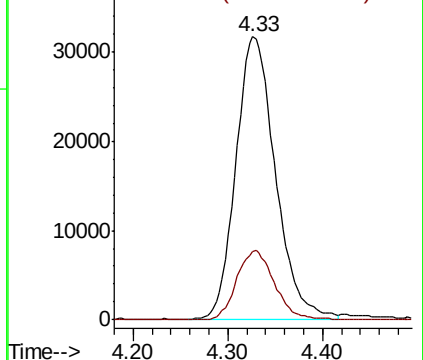
43 100

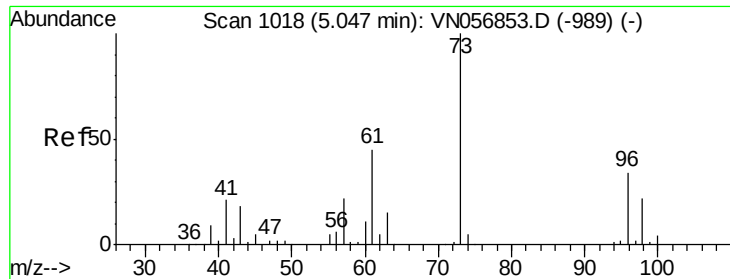
74 23.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

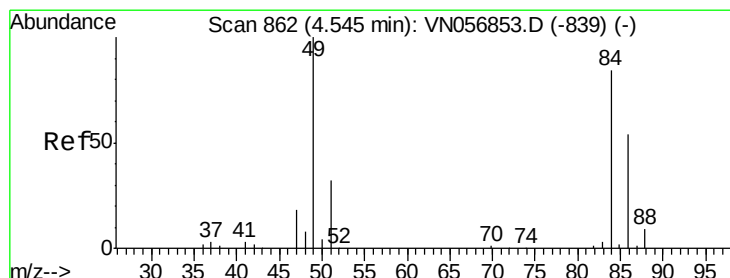
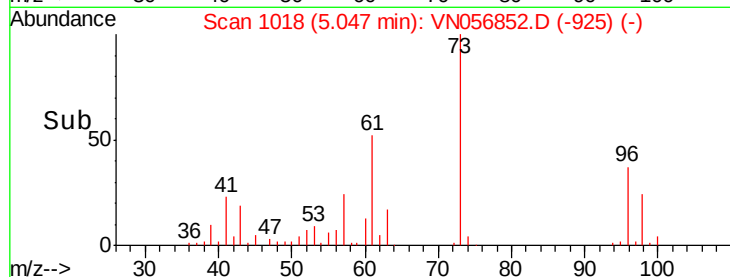
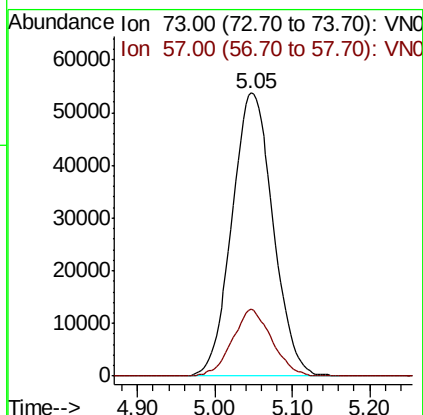
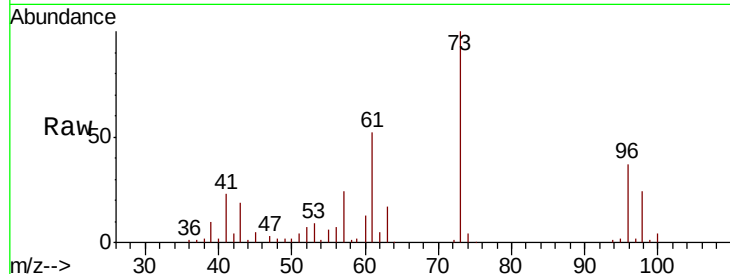




#19
Methvl tert-butvl Ether
Concen: 19.015 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

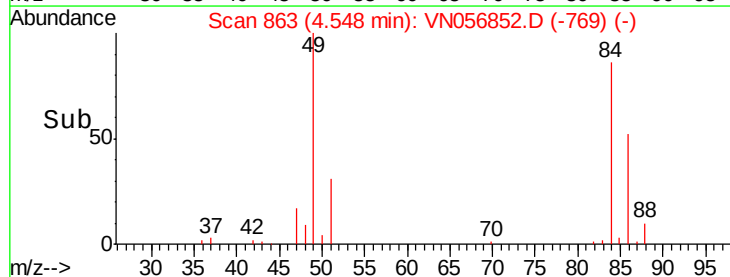
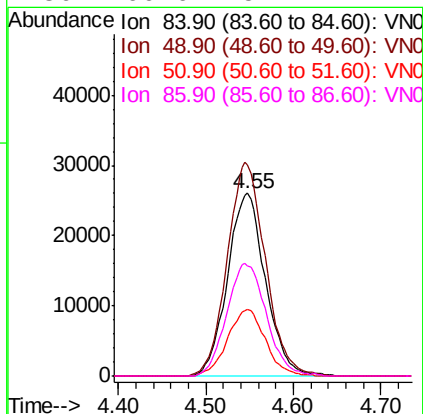
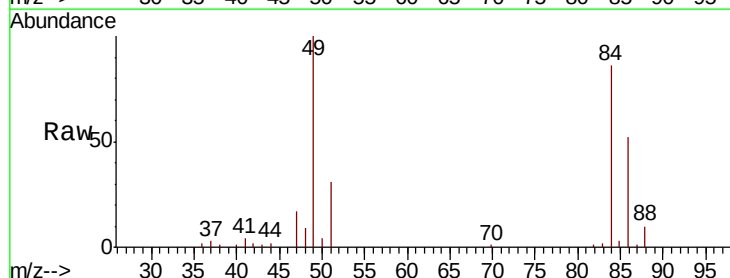
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

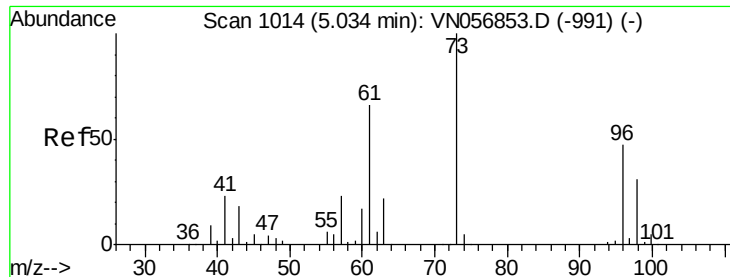
Tot Ion: 73 Resp: 198616
Ion Ratio Lower Upper
73 100
57 23.5 18.0 27.0



#20
Methylene Chloride
Concen: 20.003 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 84 Resp: 78477
Ion Ratio Lower Upper
84 100
49 115.7 94.9 142.3
51 36.2 29.9 44.9
86 60.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.468 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

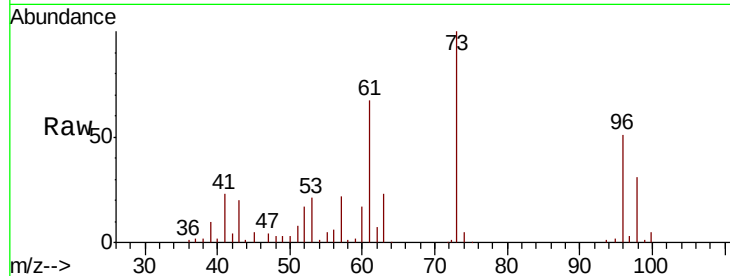
Tot Ion: 96 Resp: 71524

Ion Ratio Lower Upper

96 100

61 132.5 112.8 169.2

98 61.6 53.3 79.9

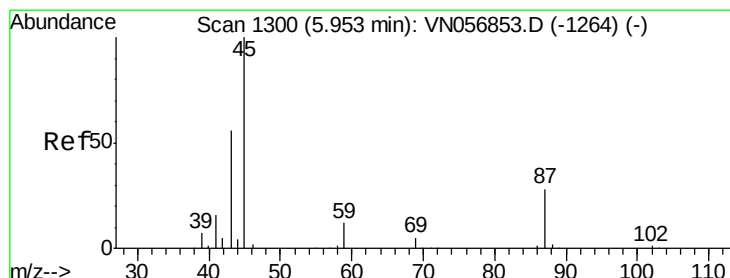
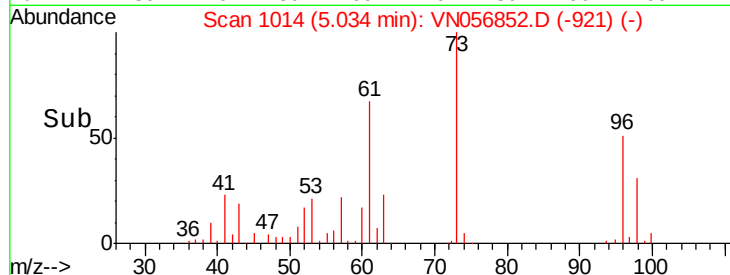
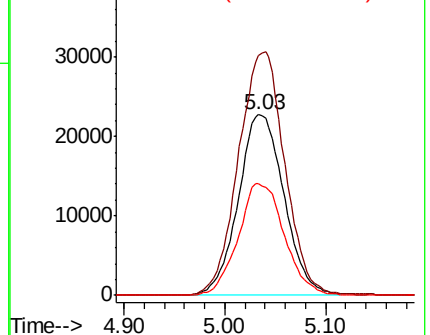


Abundance

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: 20.326 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Tgt Ion: 45 Resp: 228728

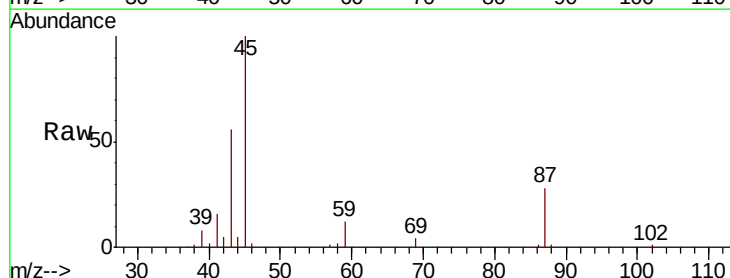
Ion Ratio Lower Upper

45 100

43 54.5 45.5 68.3

87 28.1 22.7 34.1

59 11.3 9.3 13.9



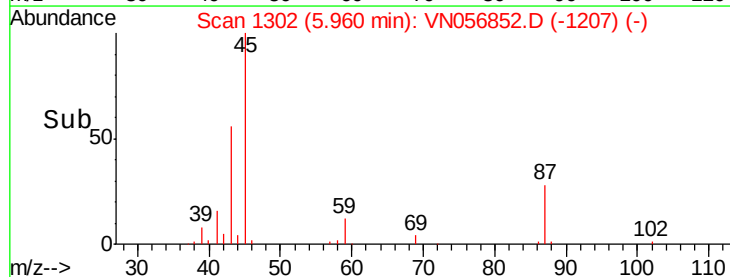
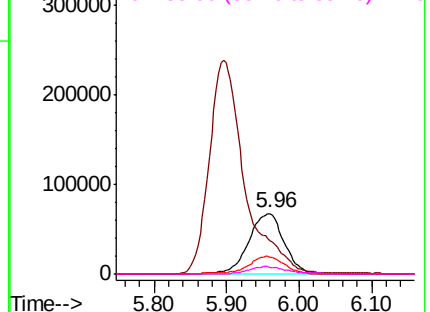
Abundance

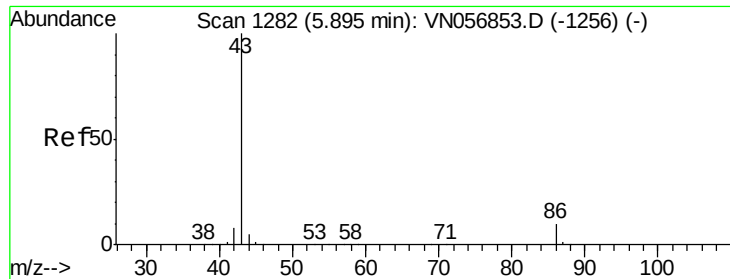
Ion 45.00 (44.70 to 45.70): VN0

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: 90.624 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

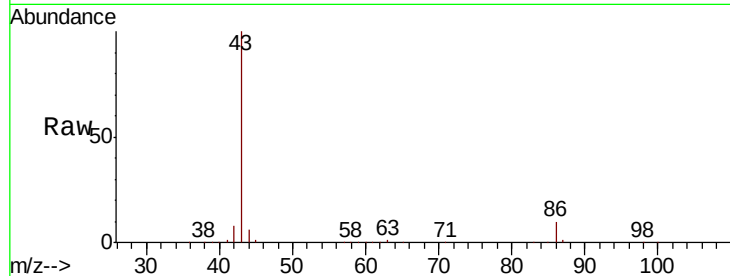
VSTDIC020

Tot Ion: 43 Resp: 808434

Ion Ratio Lower Upper

43 100

86 10.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN056852.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN056852.D (-1189) (-)

250000

200000

150000

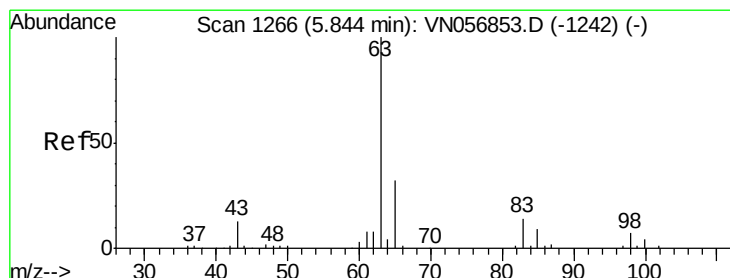
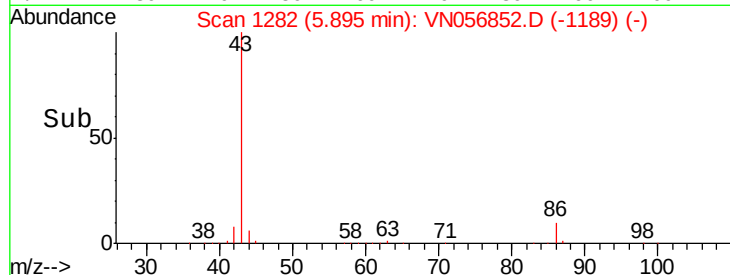
100000

50000

0

5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.041 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

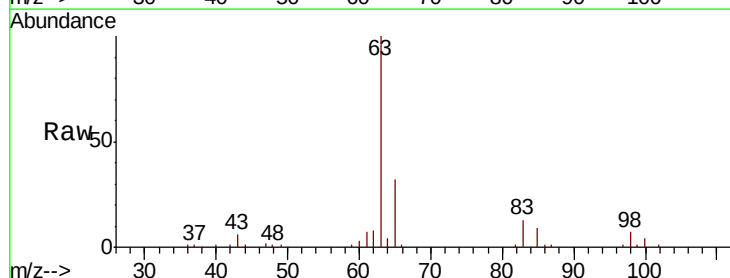
Tgt Ion: 63 Resp: 130875

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 3.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN056852.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN056852.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN056852.D (-1173) (-)

50000

40000

30000

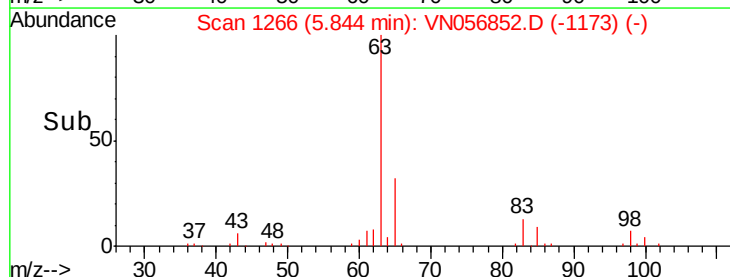
20000

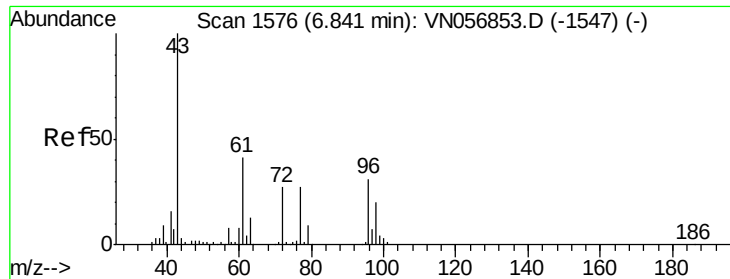
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 77.489 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

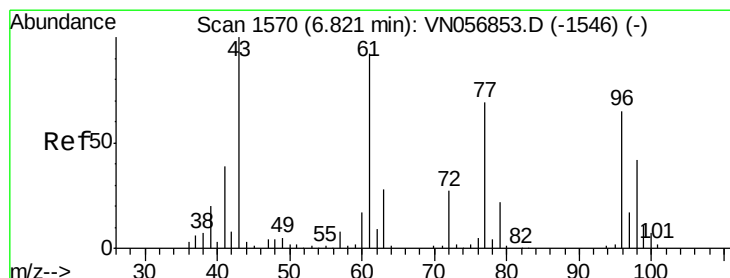
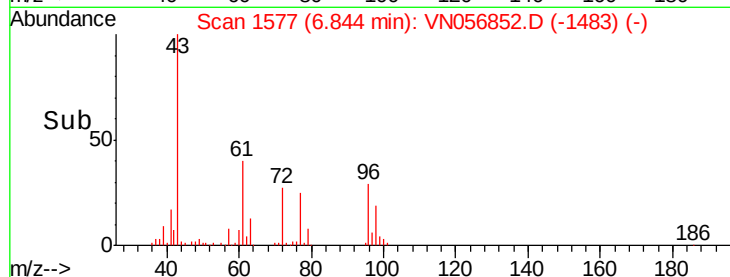
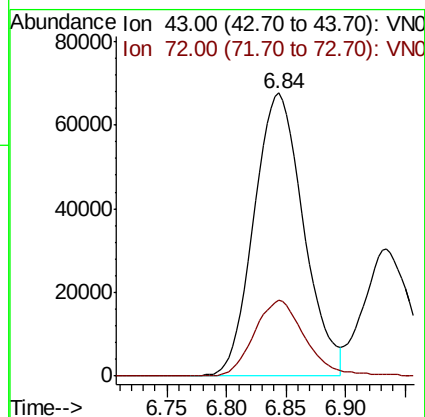
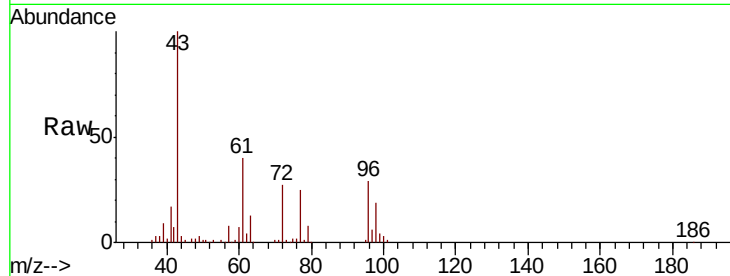
VSTDIC020

Tot Ion: 43 Resp: 194098

Ion Ratio Lower Upper

43 100

72 26.8 21.5 32.3



#26

2,2-Dichloropropane

Concen: 19.338 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056852.D

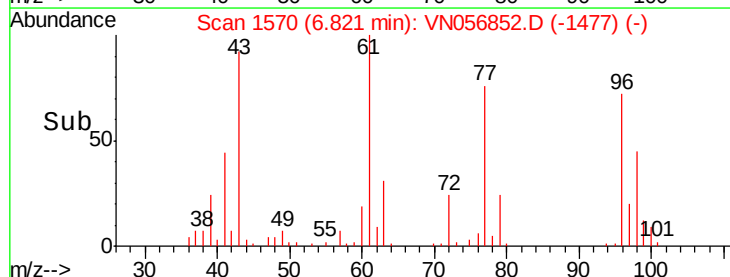
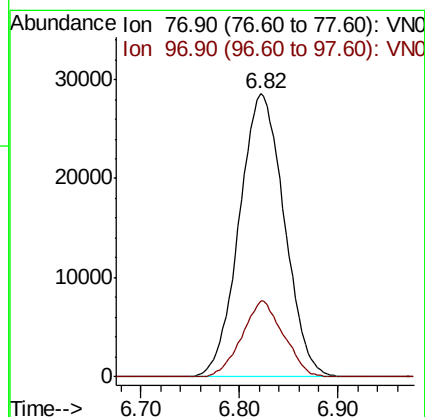
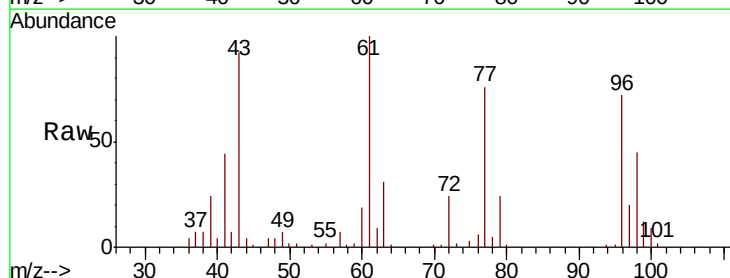
Acq: 22 Jul 2019 12:45

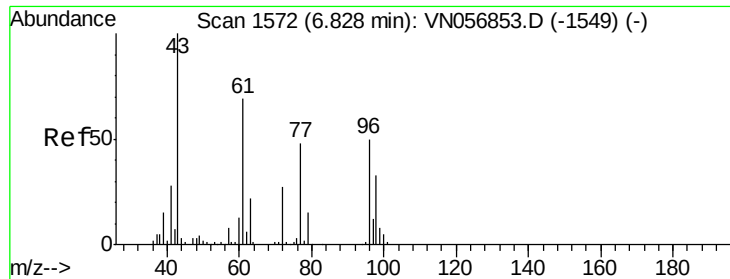
Tgt Ion: 77 Resp: 90109

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.2

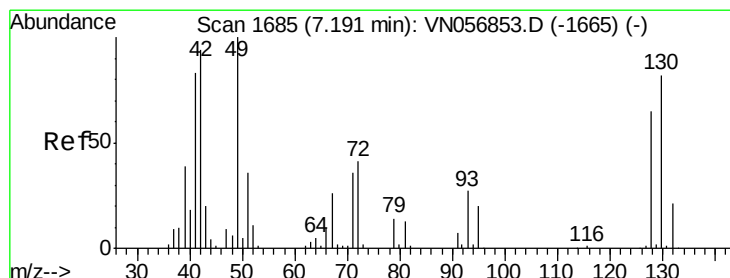
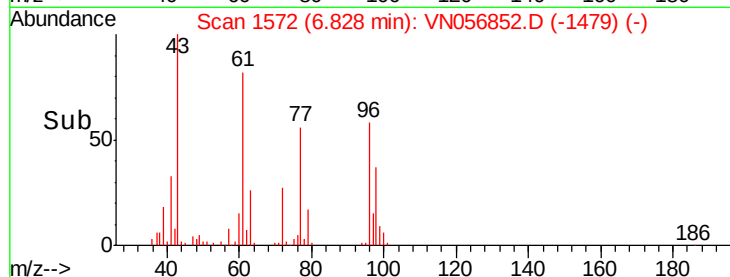
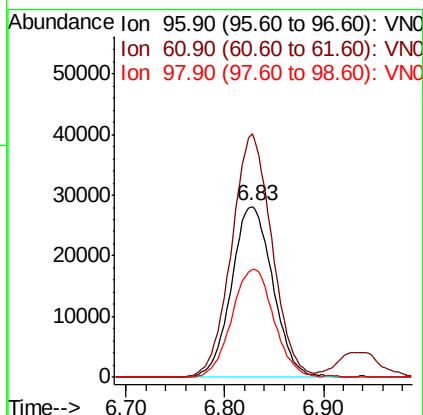
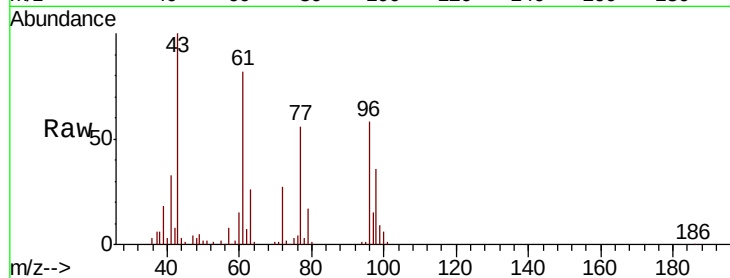




#27
 cis-1,2-Dichloroethene
 Concen: 20.397 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

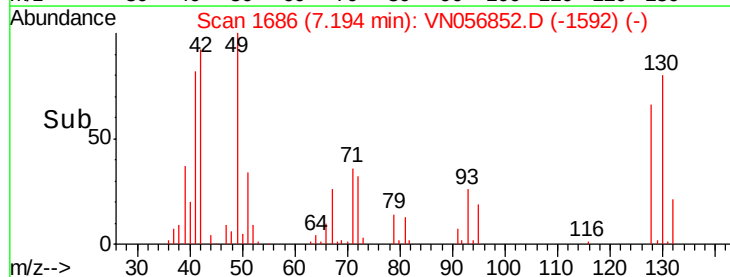
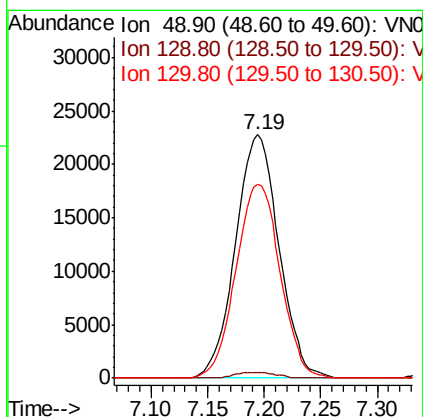
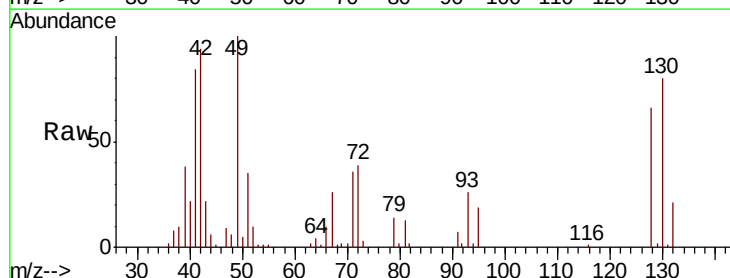
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

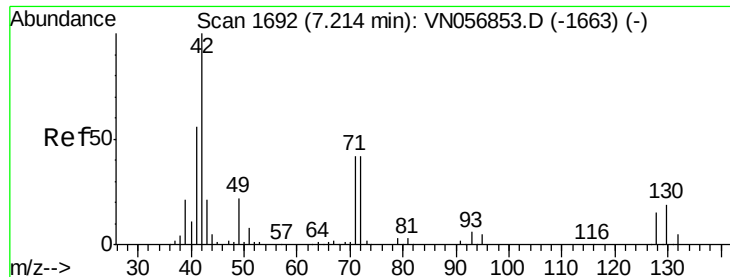
Tot Ion: 96 Resp: 81789
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 281.6
 98 64.4 0.0 132.0



#28
 Bromochloromethane
 Concen: 19.942 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 49 Resp: 60771
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 81.0 65.0 97.6





#29

Tetrahydrofuran

Concen: 82.389 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

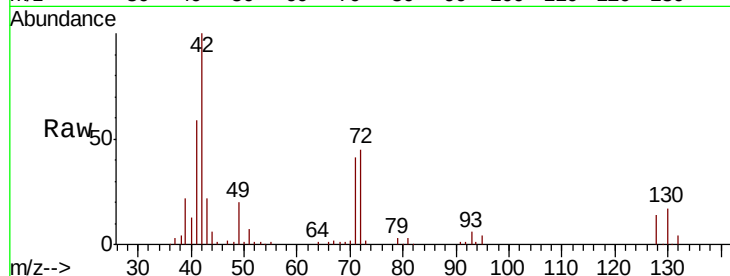
Tot Ion: 42 Resp: 135582

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.2

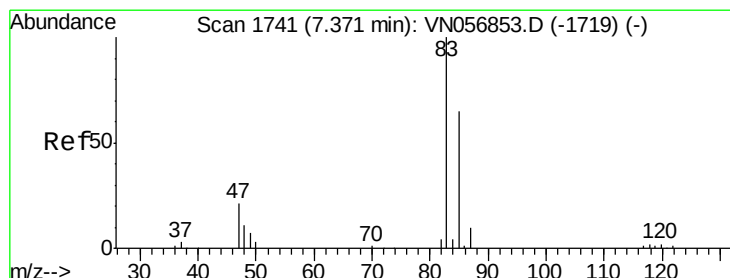
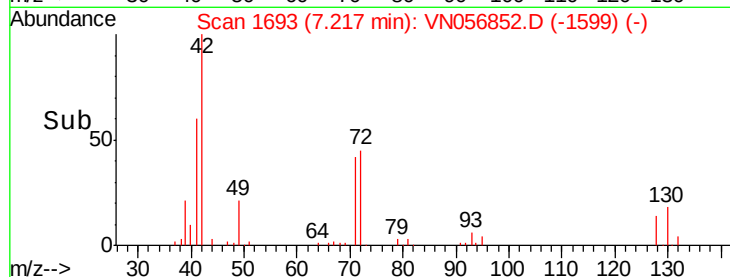
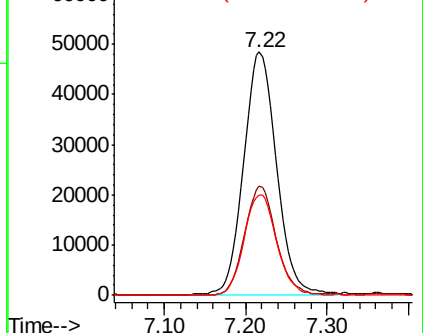
71 40.8 32.7 49.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.958 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056852.D

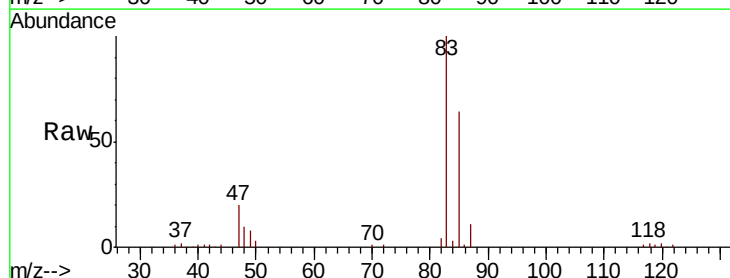
Acq: 22 Jul 2019 12:45

Tgt Ion: 83 Resp: 130529

Ion Ratio Lower Upper

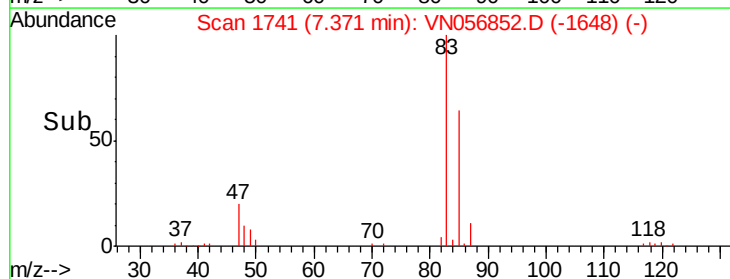
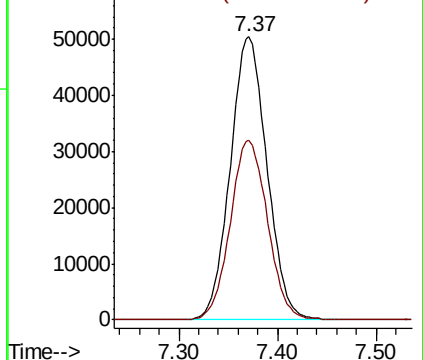
83 100

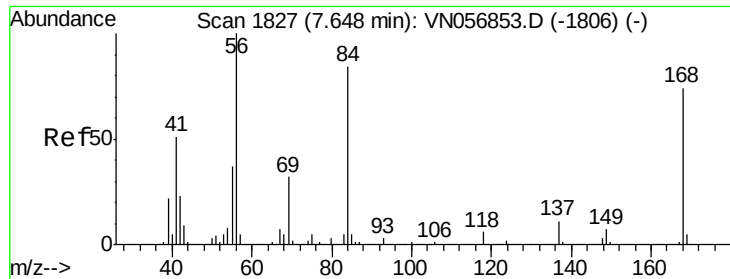
85 63.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

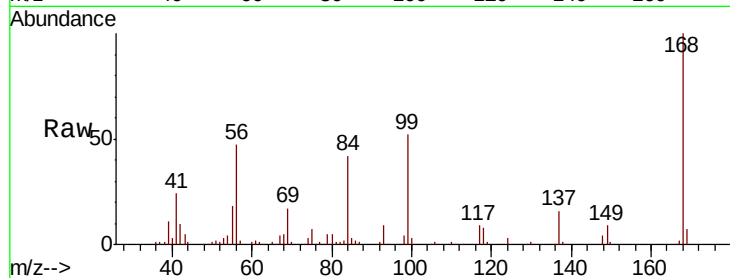




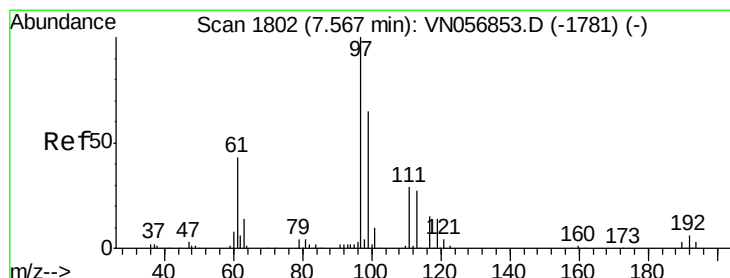
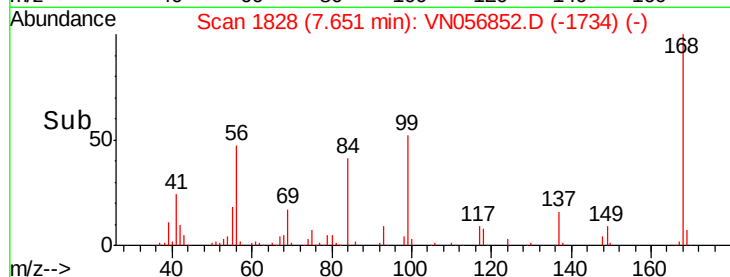
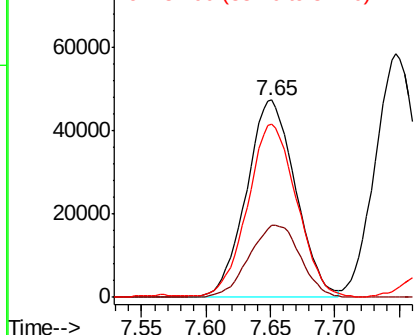
#31
Cyclohexane
Concen: 20.172 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 56 Resp: 125537
Ion Ratio Lower Upper
56 100
69 36.4 25.5 38.3
84 87.2 67.3 100.9

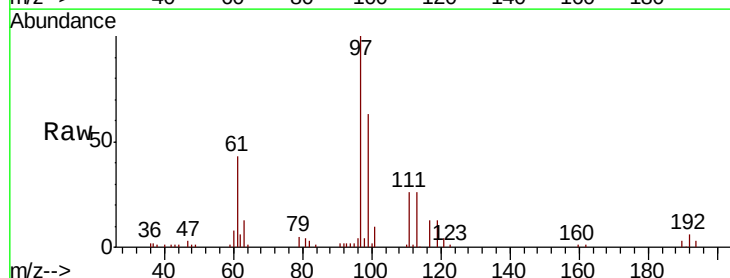


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

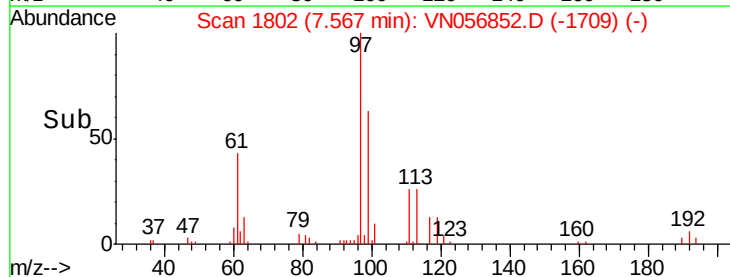
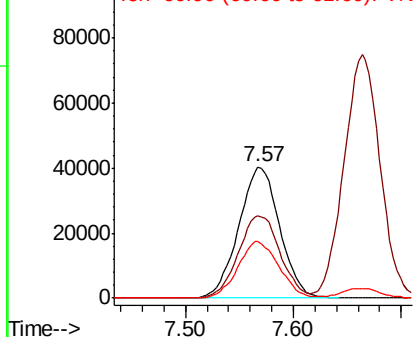


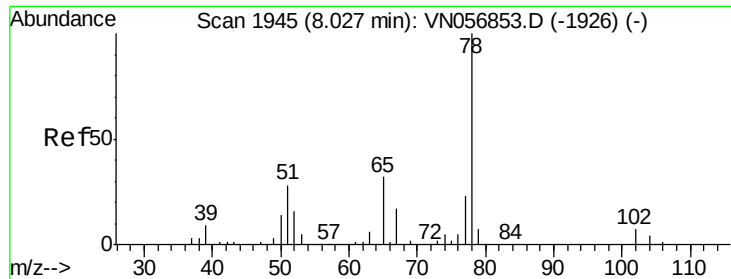
#32
1,1,1-Trichloroethane
Concen: 20.511 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 97 Resp: 106195
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 43.0 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

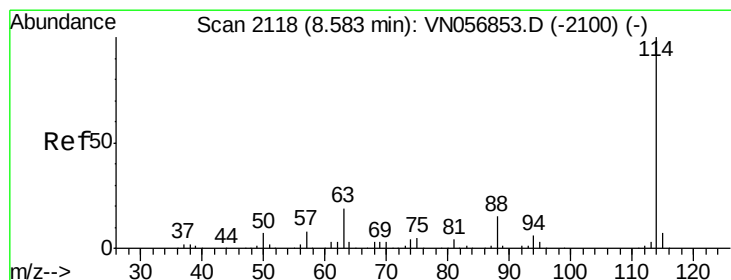
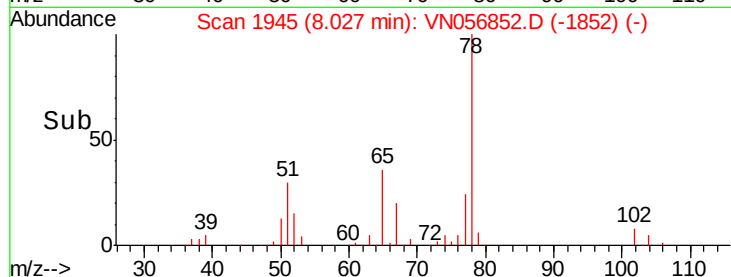
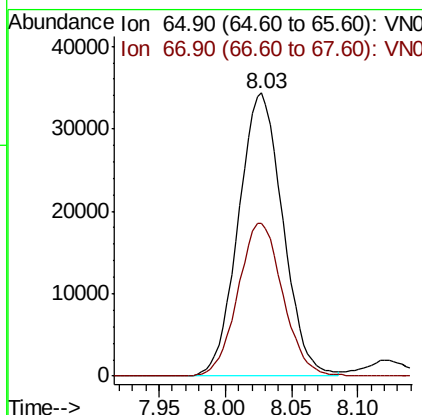
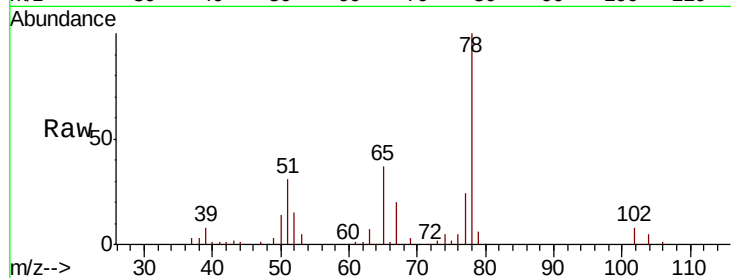




#33
 1,2-Dichloroethane-d4
 Concen: 20.986 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

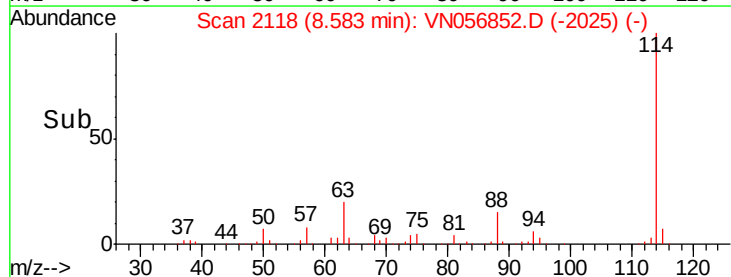
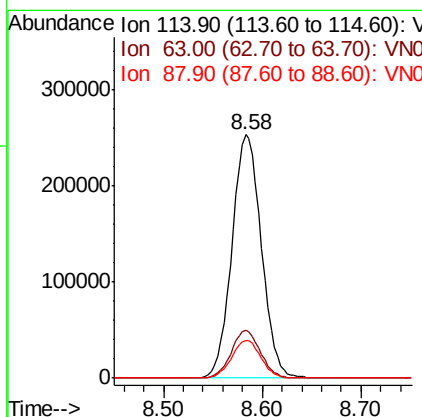
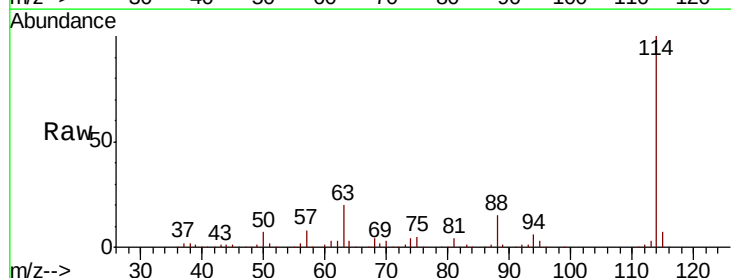
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

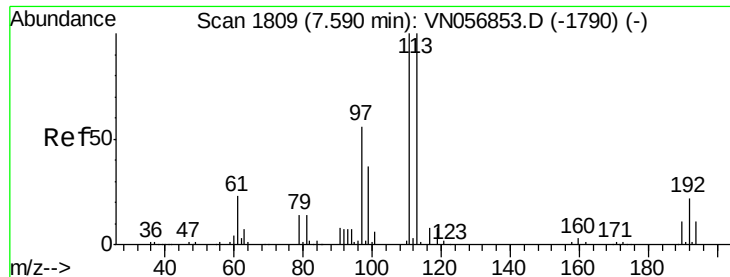
Tot Ion: 65 Resp: 79906
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 114 Resp: 525404
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.8
 88 15.3 0.0 31.0

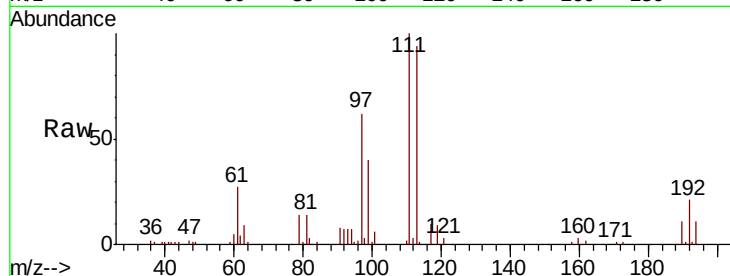




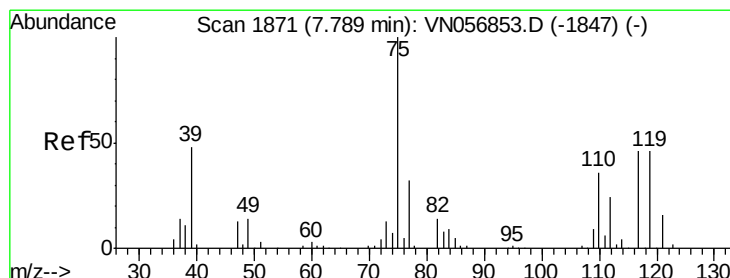
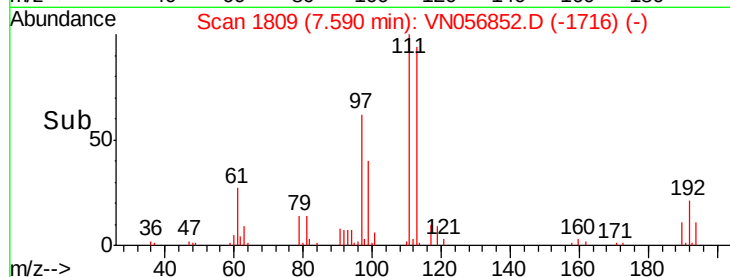
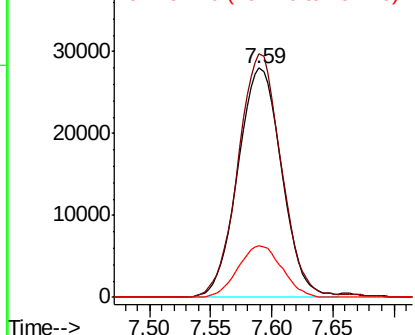
#35
 Dibromofluoromethane
 Concen: 21.311 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:113 Resp: 69910
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.9 122.9
 192 22.4 18.5 27.7

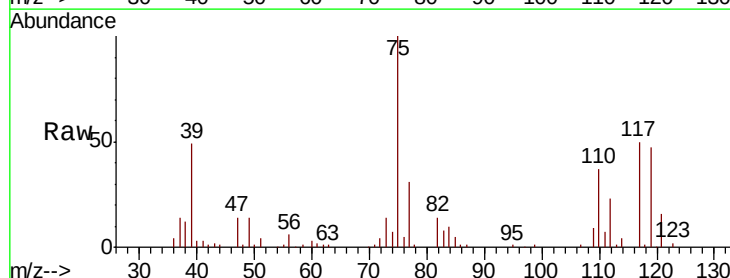


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

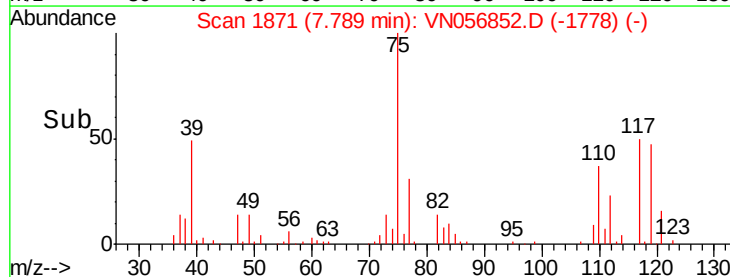
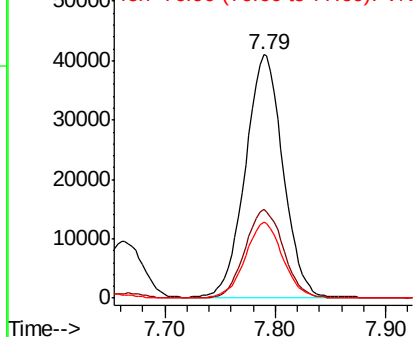


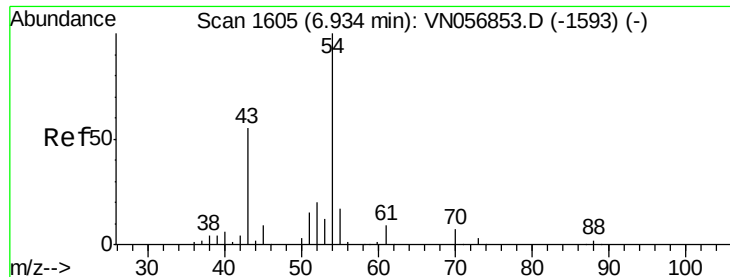
#36
 1,1-Dichloropropene
 Concen: 19.781 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 75 Resp: 97510
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.9 53.7
 77 30.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

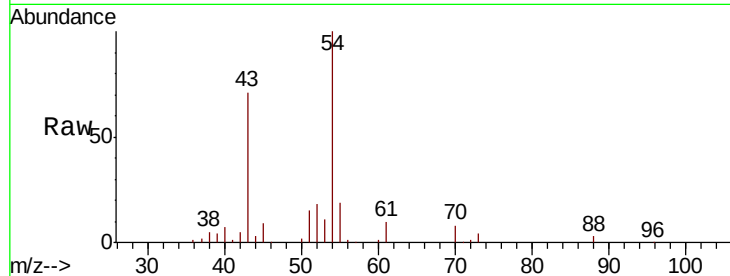




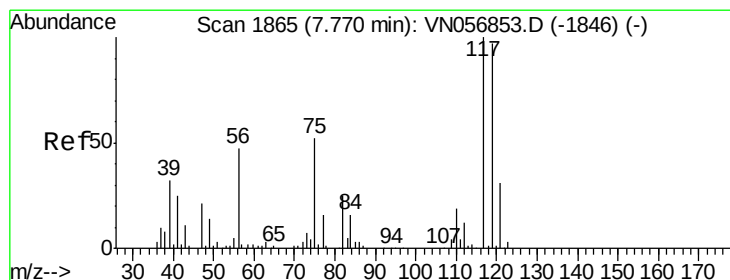
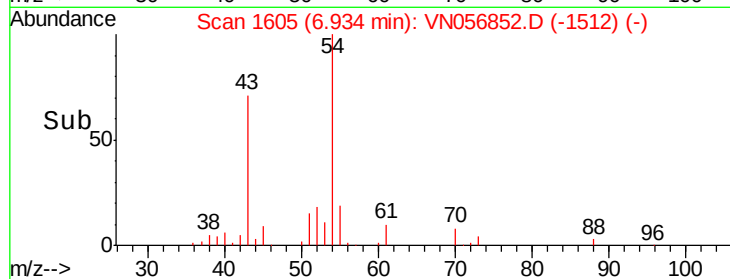
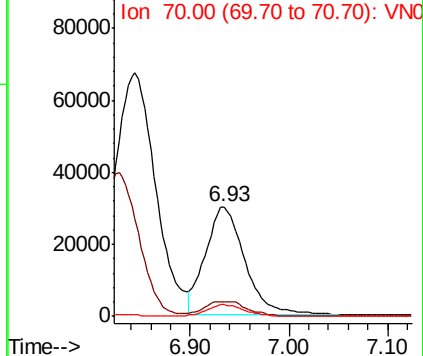
#37
Ethyl Acetate
Concen: 17.785 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 83509
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 10.5 8.6 13.0

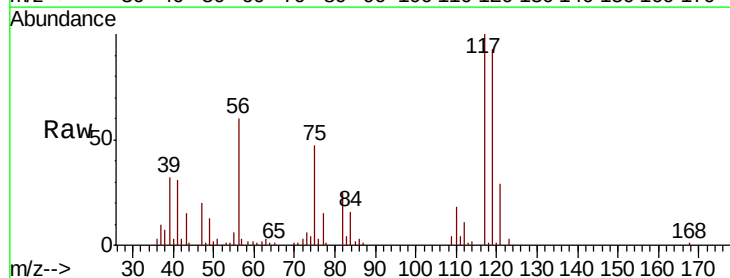


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

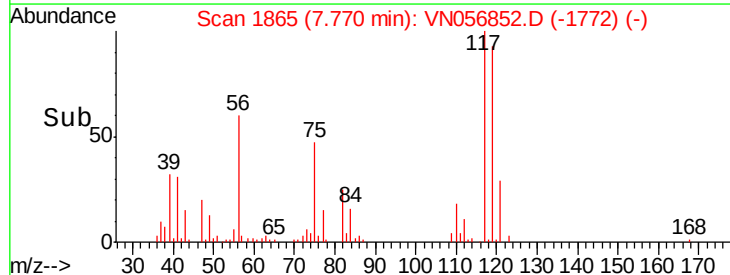
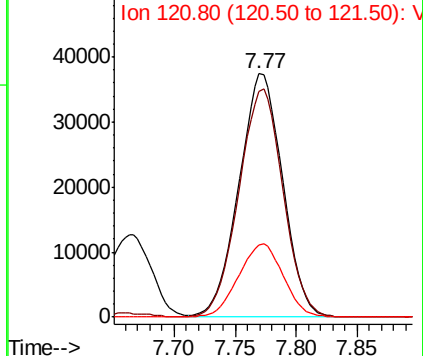


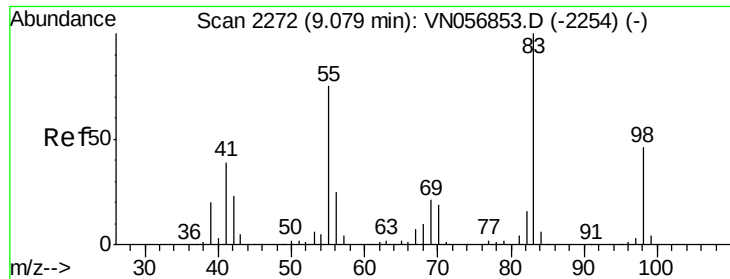
#38
Carbon Tetrachloride
Concen: 20.106 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 117 Resp: 92911
Ion Ratio Lower Upper
117 100
119 92.9 77.2 115.8
121 29.5 24.5 36.7



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

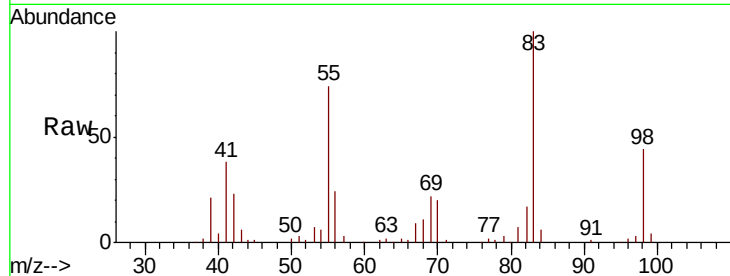




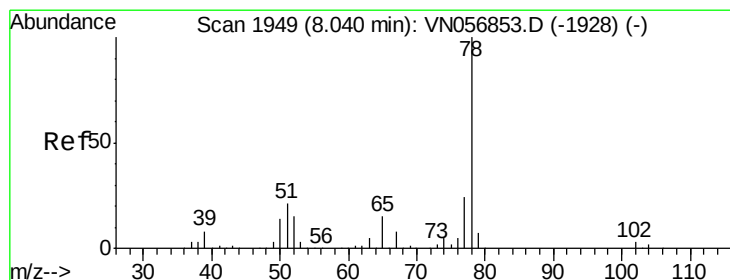
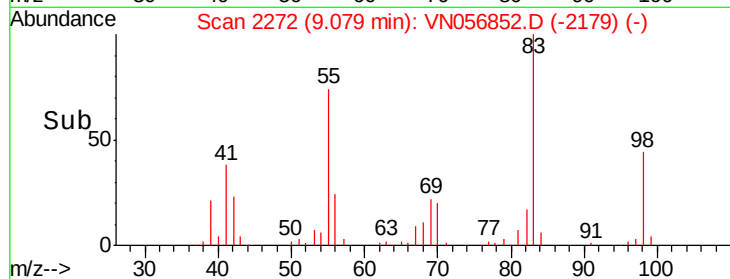
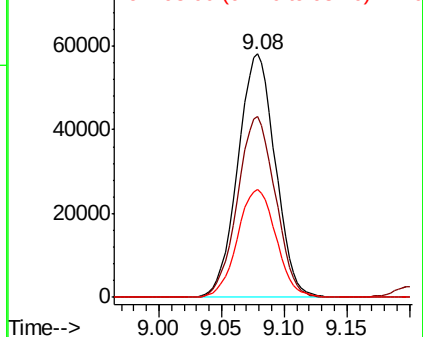
#39
Methylvlcyclohexane
Concen: 19.849 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 120752
Ion Ratio Lower Upper
83 100
55 74.3 59.8 89.8
98 44.1 37.1 55.7

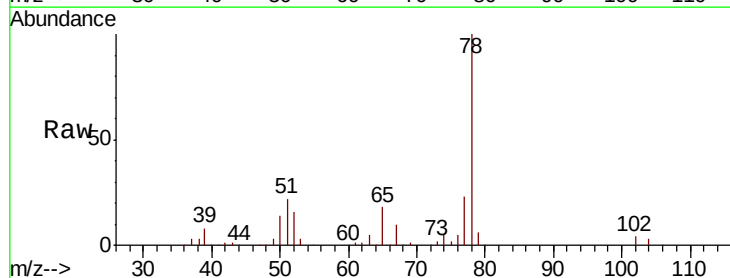


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

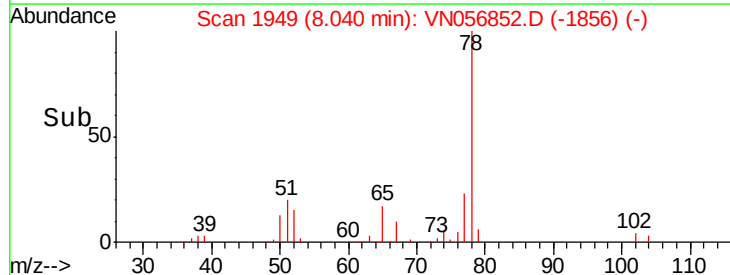
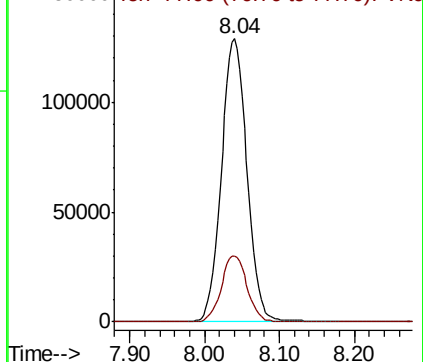


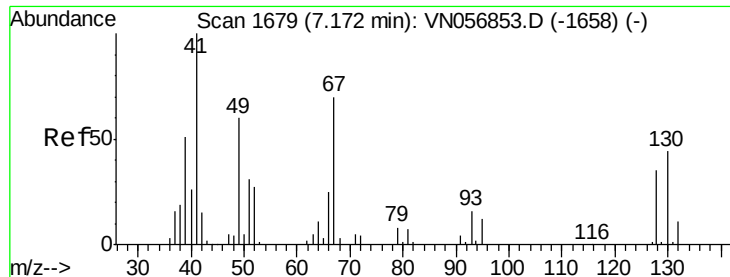
#40
Benzene
Concen: 20.145 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 78 Resp: 304174
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7



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





#41

Methacrylonitrile

Concen: 57.741 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.05 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 120653

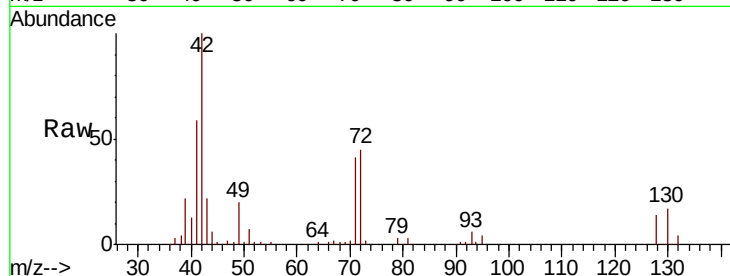
Ion Ratio Lower Upper

41 100

39 0.0 44.0 66.0#

67 0.0 73.5 110.3#

52 0.0 28.6 43.0#

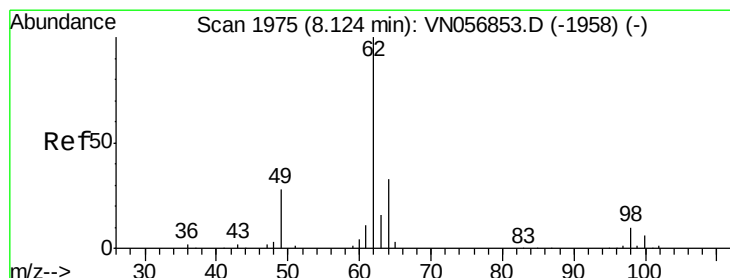
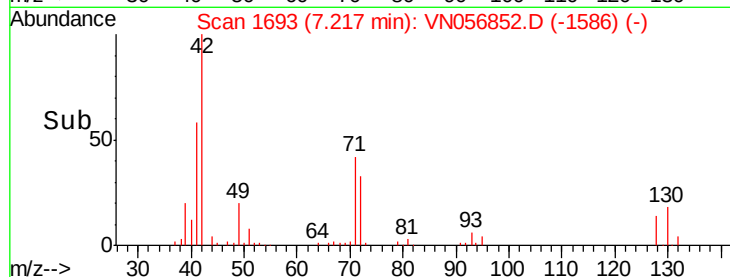
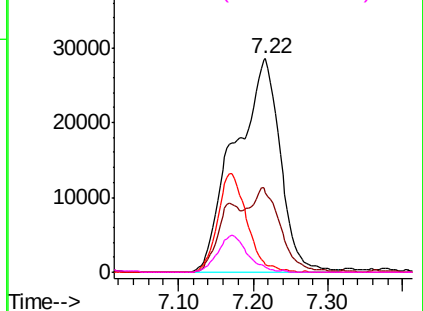


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 20.358 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056852.D

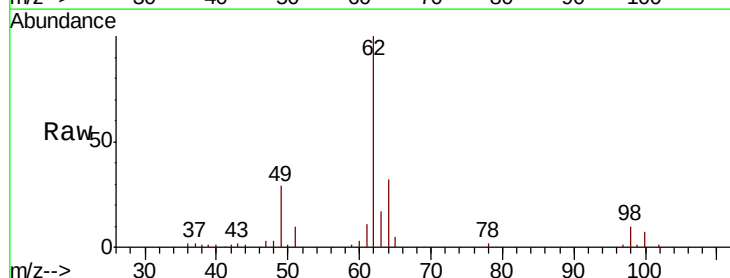
Acq: 22 Jul 2019 12:45

Tgt Ion: 62 Resp: 96826

Ion Ratio Lower Upper

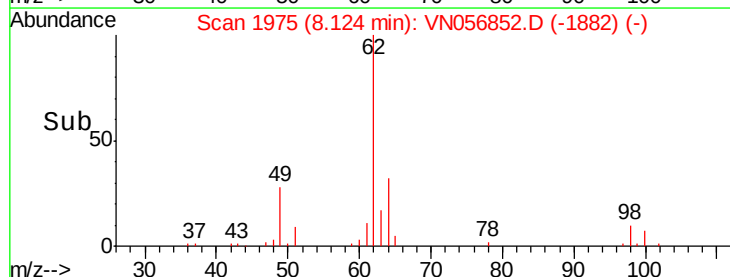
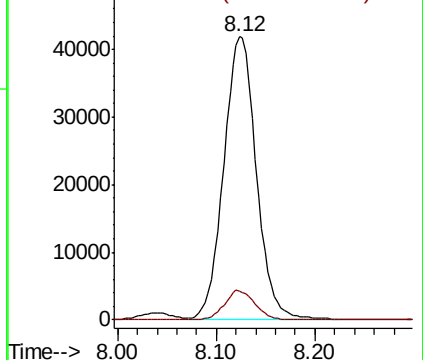
62 100

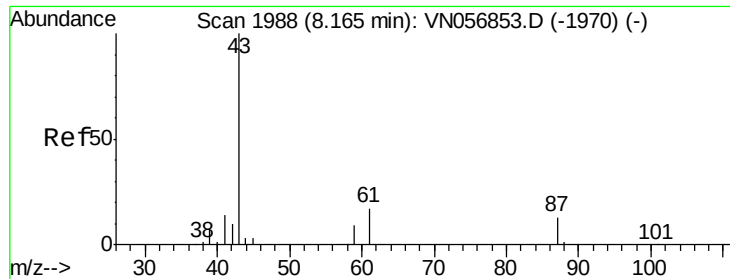
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 17.858 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

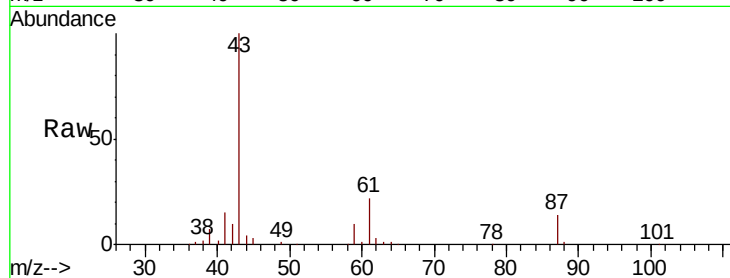
Tot Ion: 43 Resp: 132783

Ion Ratio Lower Upper

43 100

61 22.7 17.8 26.6

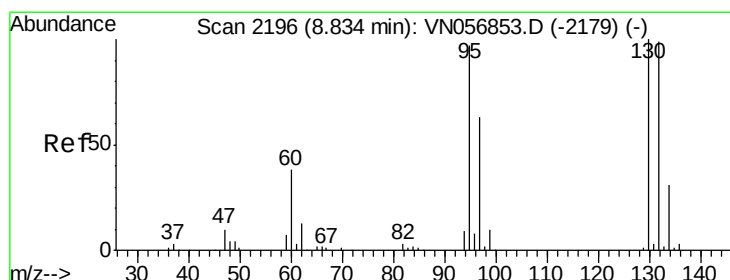
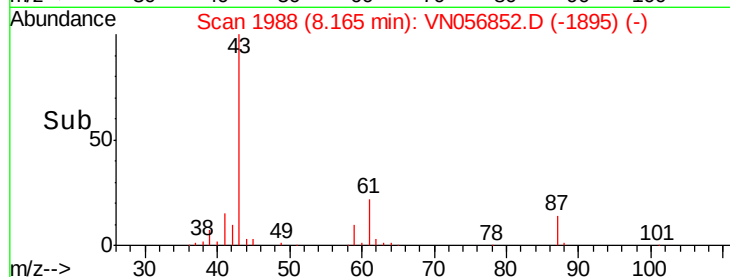
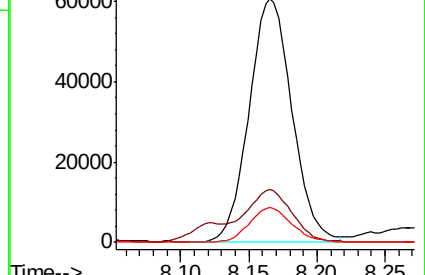
87 14.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056852.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056852.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056852.D (-1970) (-)



#44

Trichloroethene

Concen: 19.835 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056852.D

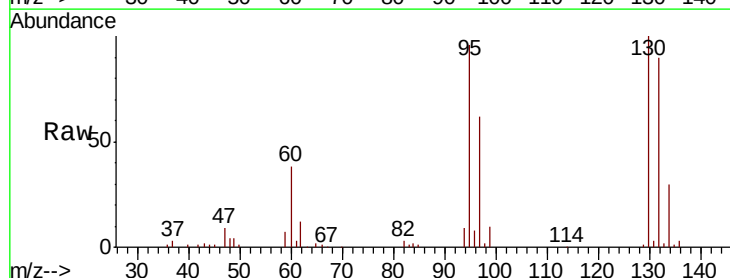
Acq: 22 Jul 2019 12:45

Tgt Ion:130 Resp: 81415

Ion Ratio Lower Upper

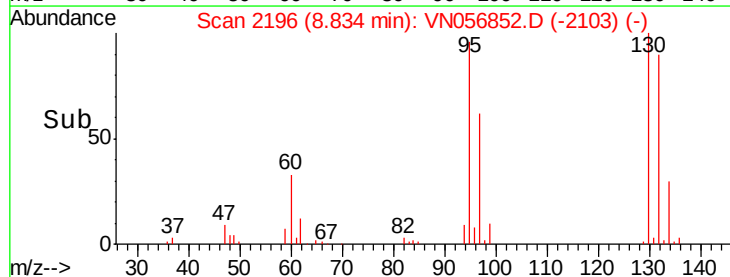
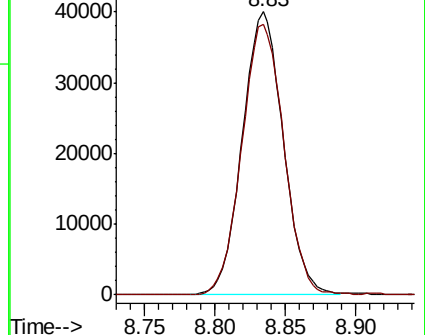
130 100

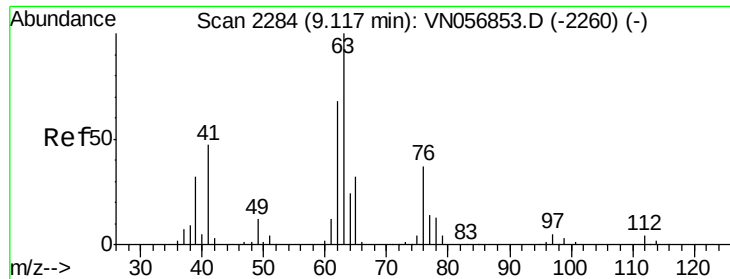
95 95.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VN056852.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056852.D (-2103) (-)

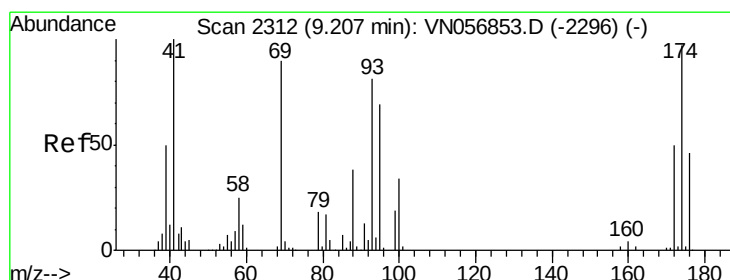
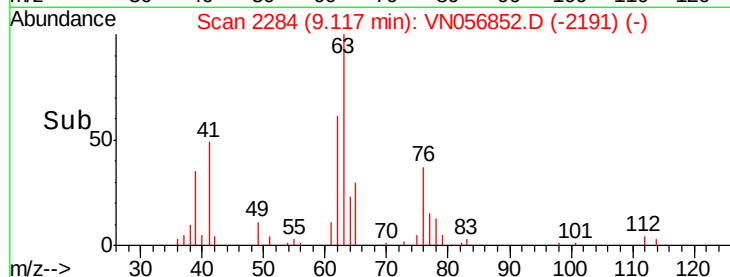
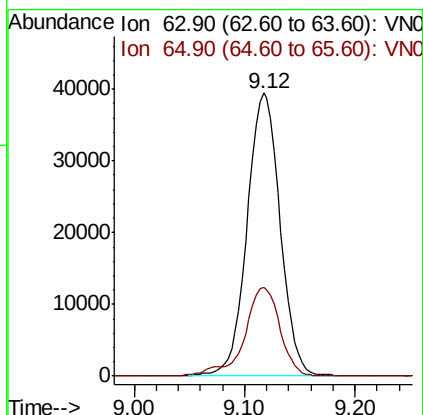
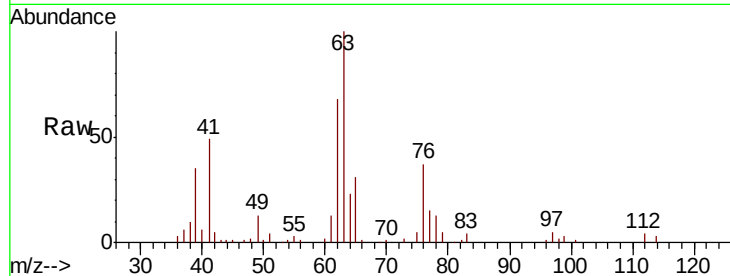




#45
 1,2-Dichloropropane
 Concen: 20.436 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

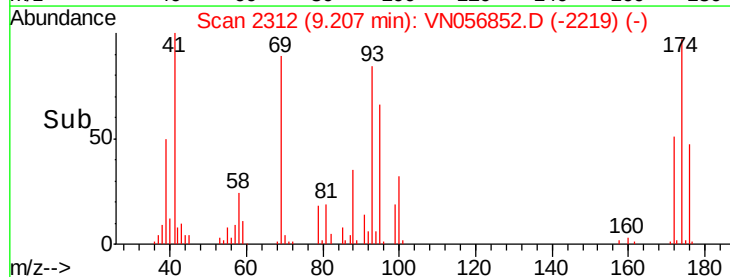
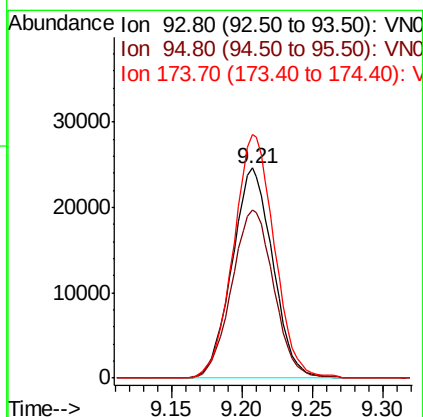
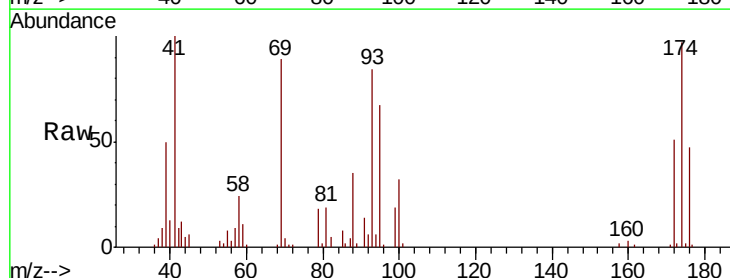
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

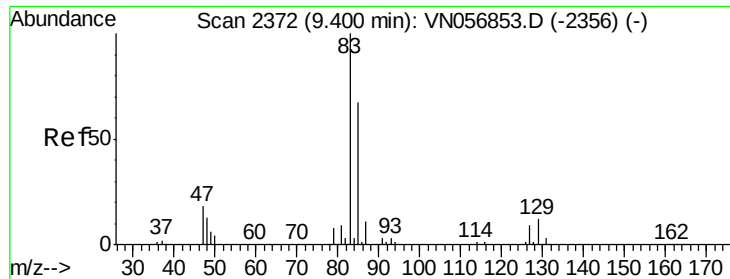
Tot Ion: 63 Resp: 81802
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.0



#46
 Dibromomethane
 Concen: 20.092 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 93 Resp: 49690
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.4 101.0
 174 116.4 92.9 139.3





#47

Bromodichloromethane

Concen: 19.890 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

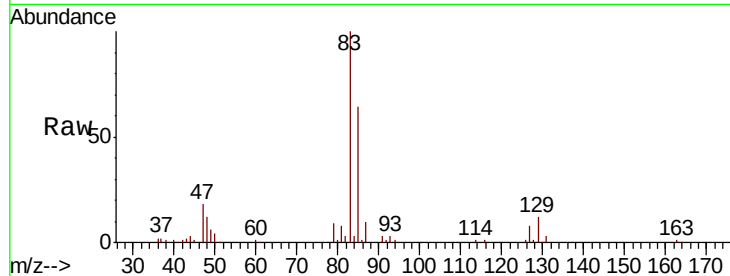
Tot Ion: 83 Resp: 93690

Ion Ratio Lower Upper

83 100

85 63.5 53.4 80.2

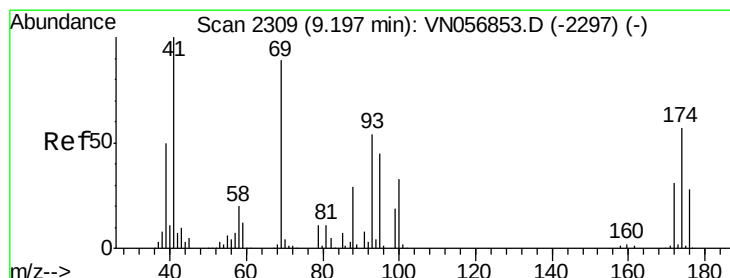
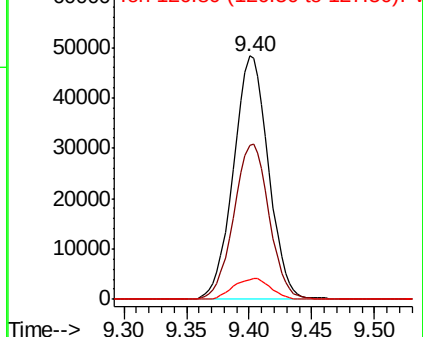
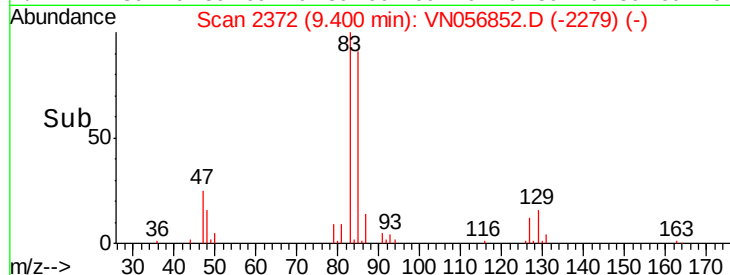
127 8.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN056852.D (-2279) (-)

Ion 84.90 (84.60 to 85.60): VN056852.D (-2279) (-)

Ion 126.80 (126.50 to 127.50): VN056852.D (-2279) (-)



#48

Methyl methacrylate

Concen: 18.510 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

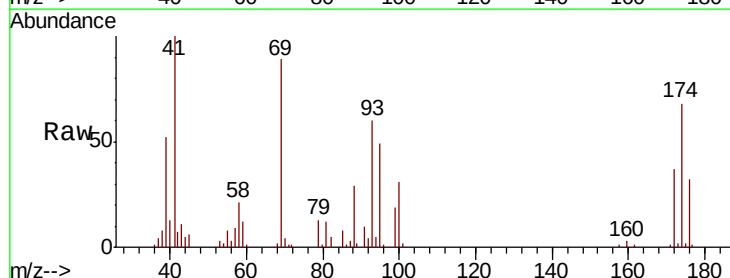
Tgt Ion: 41 Resp: 66930

Ion Ratio Lower Upper

41 100

69 88.6 71.1 106.7

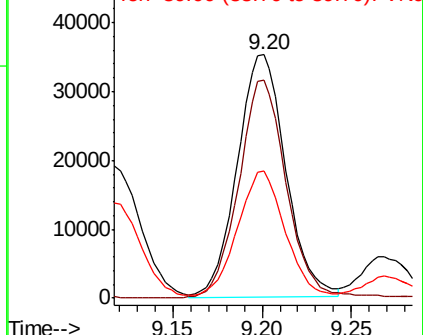
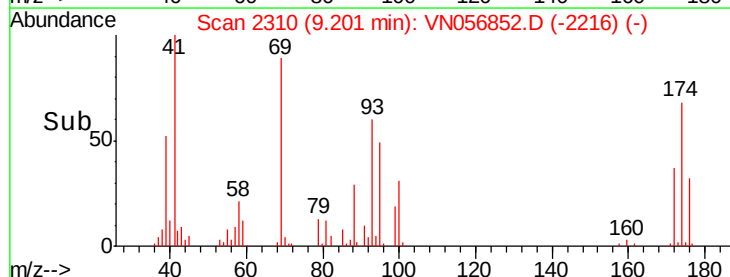
39 51.2 40.6 60.8

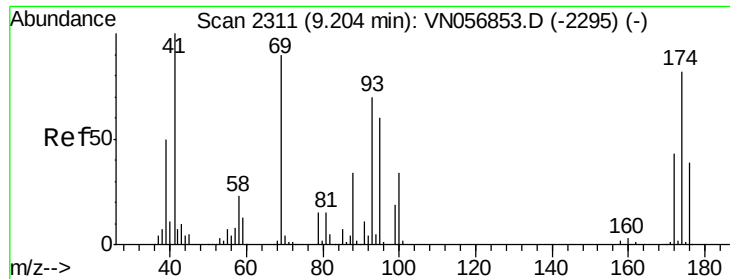


Abundance Ion 41.00 (40.70 to 41.70): VN056852.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056852.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056852.D (-2216) (-)

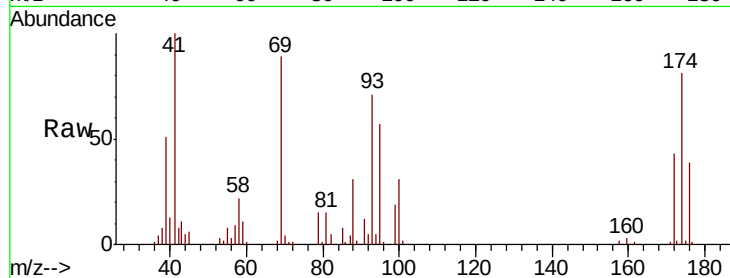




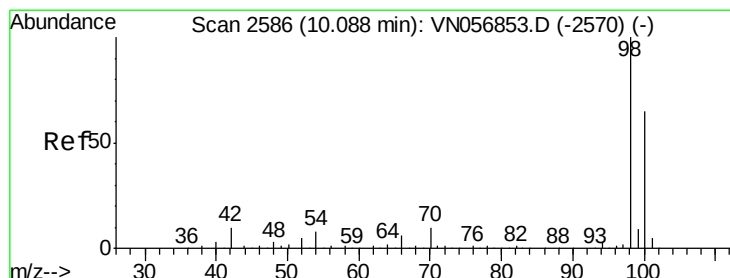
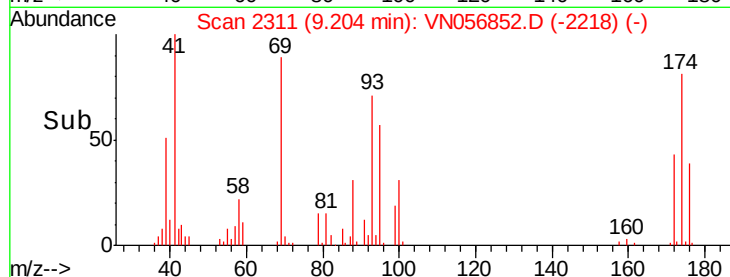
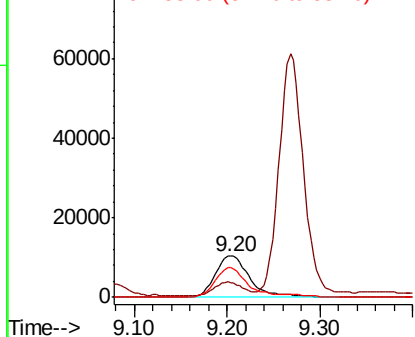
#49
1,4-Dioxane
Concen: 361.659 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 27021
Ion Ratio Lower Upper
88 100
43 29.0 21.4 32.2
58 64.9 55.7 83.5

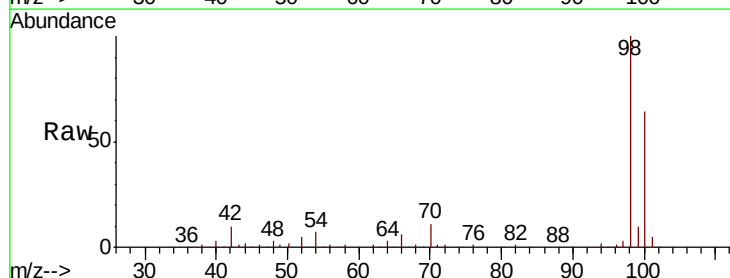


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

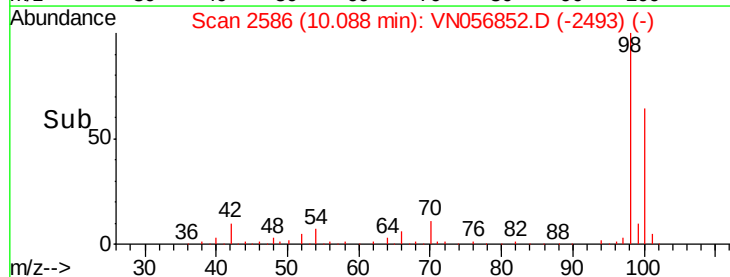
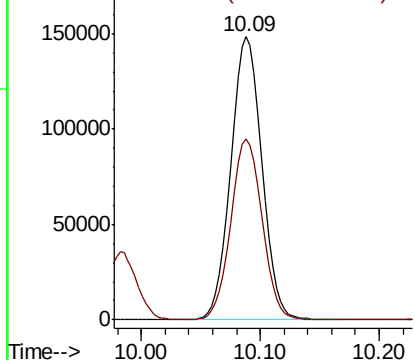


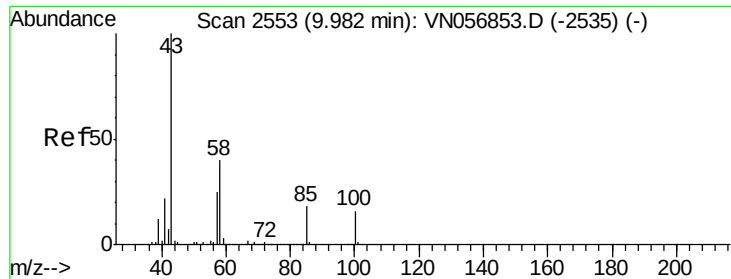
#50
Toluene-d8
Concen: 21.271 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 98 Resp: 269233
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 85.161 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

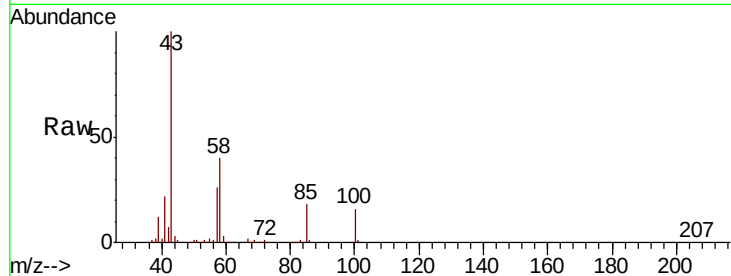
VSTDIC020

Tot Ion: 43 Resp: 406822

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

200000

150000

100000

50000

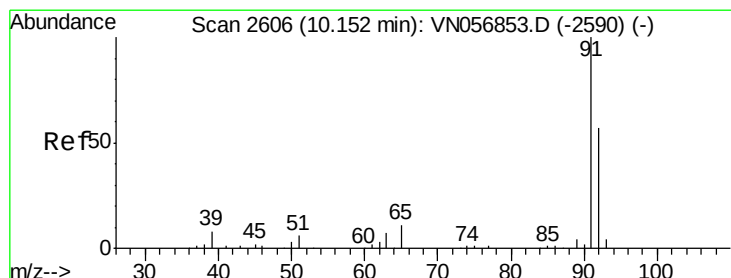
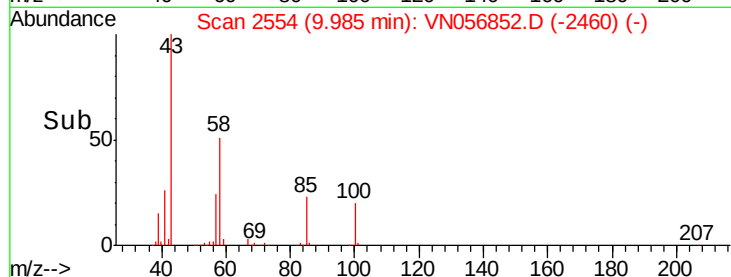
0

Time-->

9.90

10.00

10.10



#52

Toluene

Concen: 20.743 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056852.D

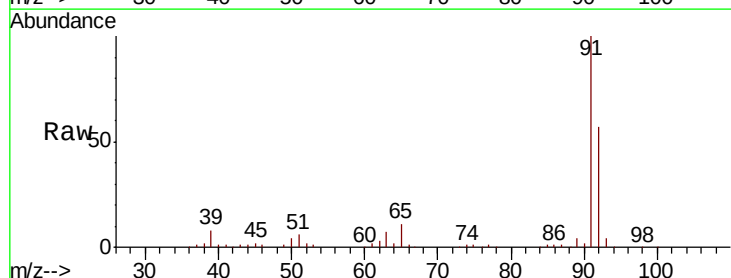
Acq: 22 Jul 2019 12:45

Tgt Ion: 92 Resp: 186275

Ion Ratio Lower Upper

92 100

91 173.3 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

200000

150000

100000

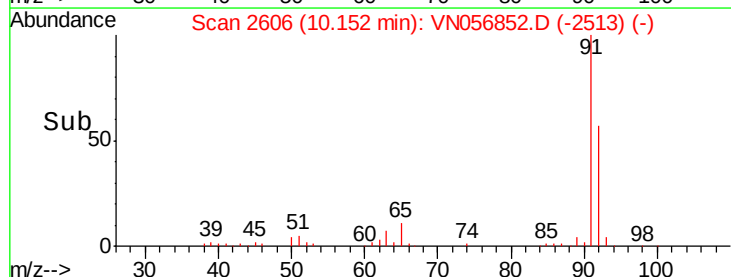
50000

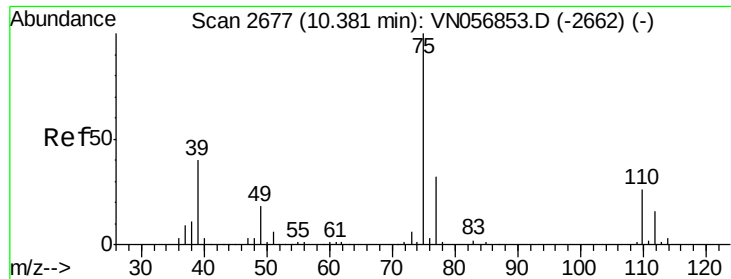
0

Time-->

10.10

10.20





#53

t-1,3-Dichloropropene

Concen: 19.327 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

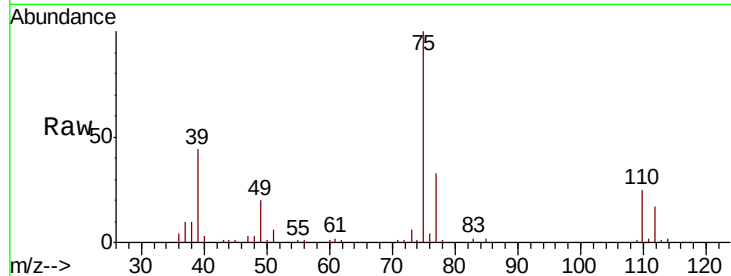
VSTDIC020

Tot Ion: 75 Resp: 94675

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

60000

50000

40000

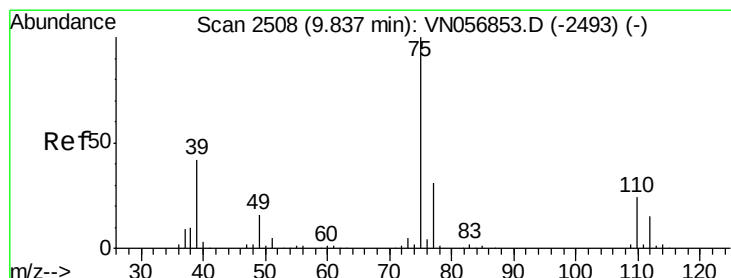
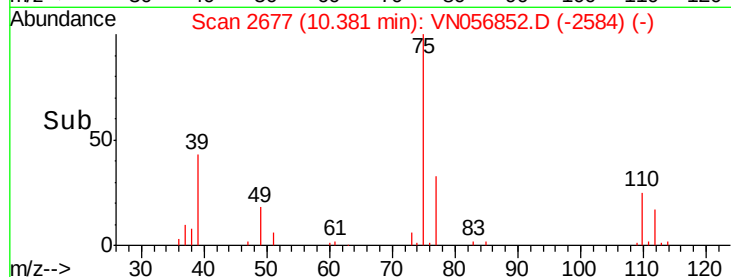
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.112 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

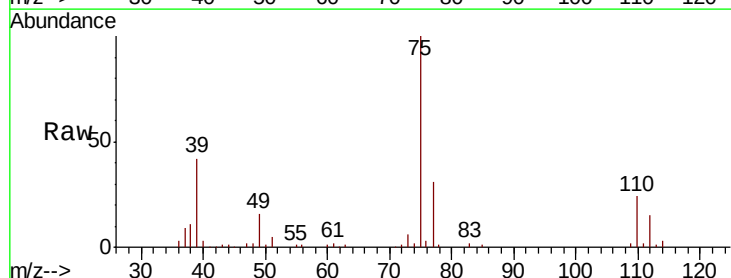
Tgt Ion: 75 Resp: 114636

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 42.3 33.4 50.2



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

80000

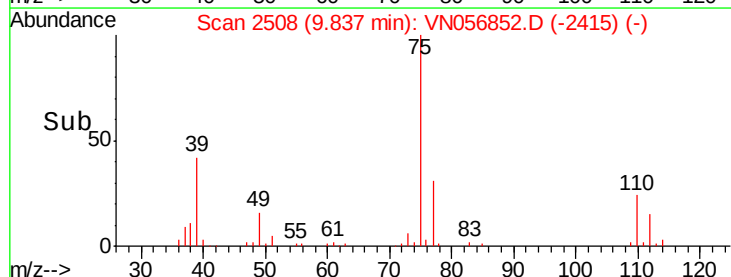
60000

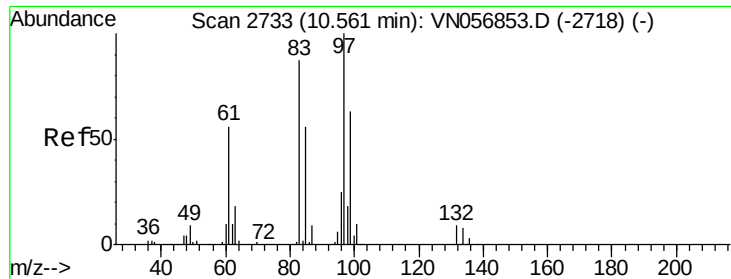
40000

20000

0

Time-->

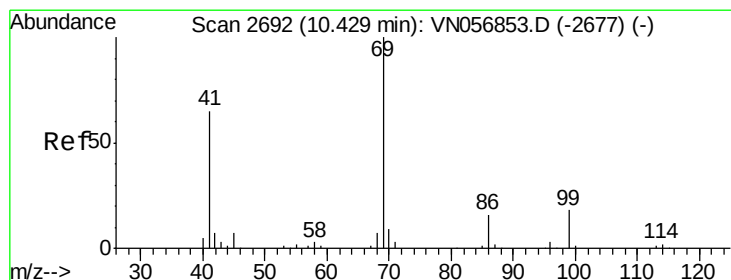
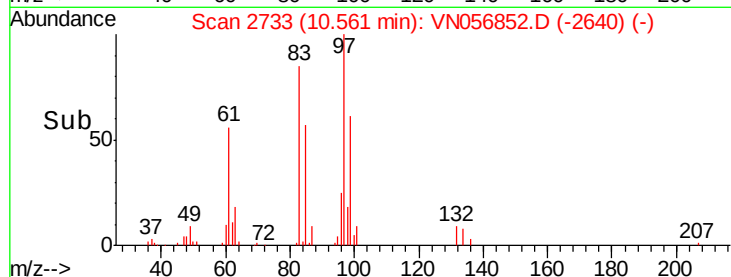
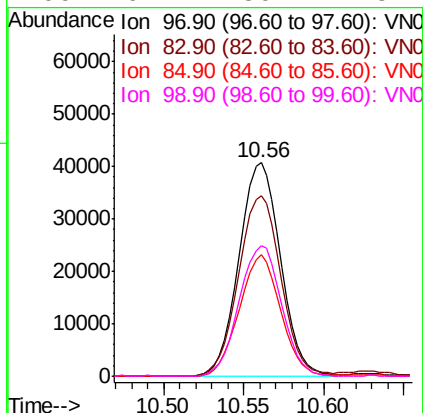
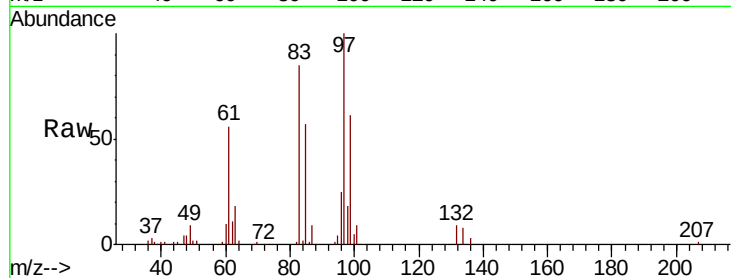




#55
 1,1,2-Trichloroethane
 Concen: 19.328 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

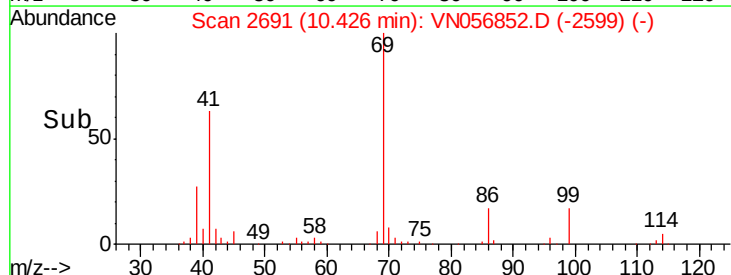
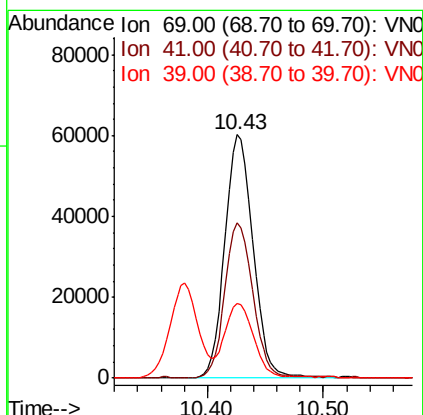
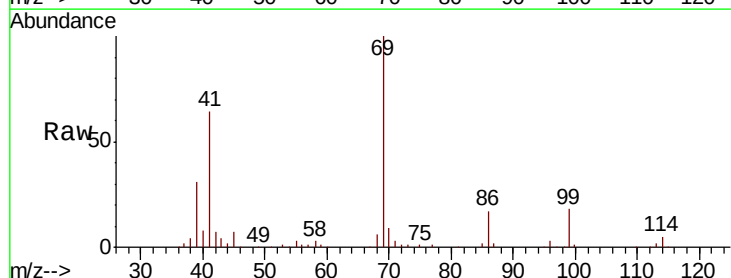
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

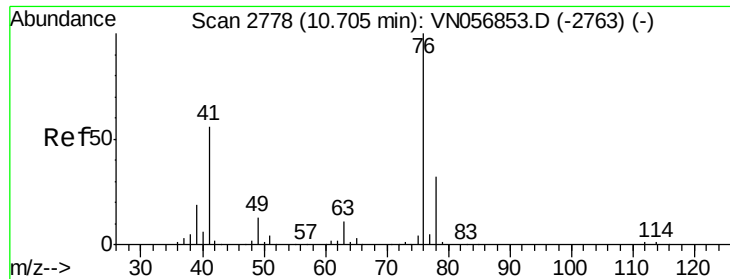
Tot Ion: 97 Resp: 72148
 Ion Ratio Lower Upper
 97 100
 83 84.6 70.0 105.0
 85 56.9 45.1 67.7
 99 61.4 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 19.134 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 69 Resp: 101590
 Ion Ratio Lower Upper
 69 100
 41 62.5 51.0 76.6
 39 31.2 24.5 36.7

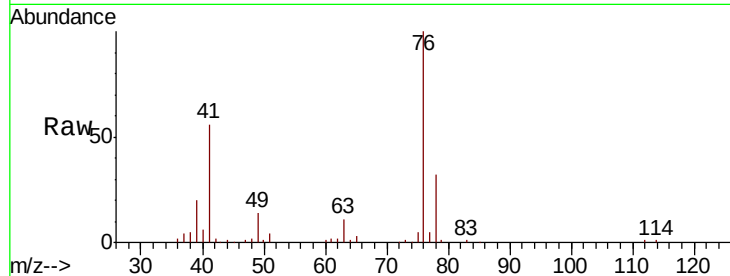




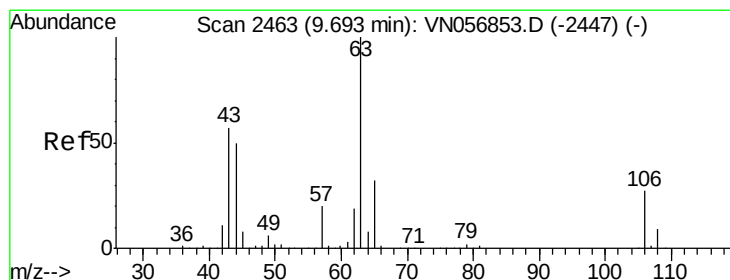
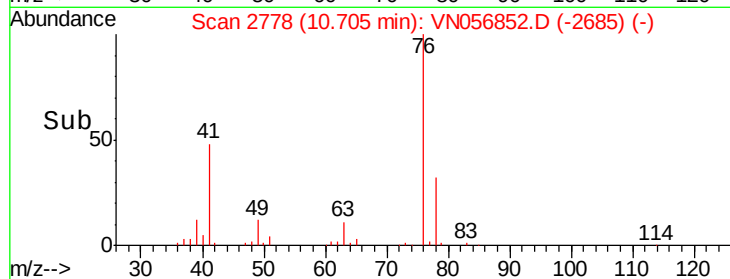
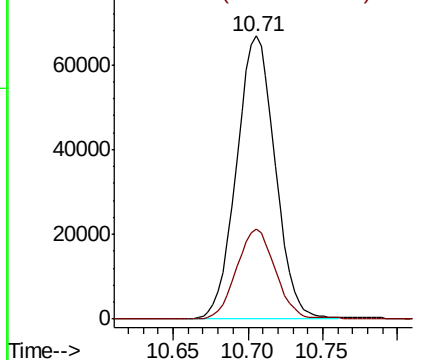
#57
 1,3-Dichloropropane
 Concen: 19.656 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 119980
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

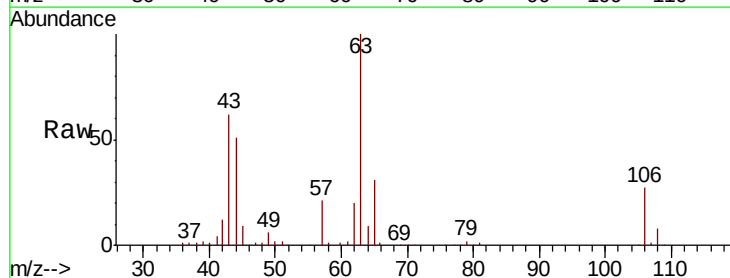


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

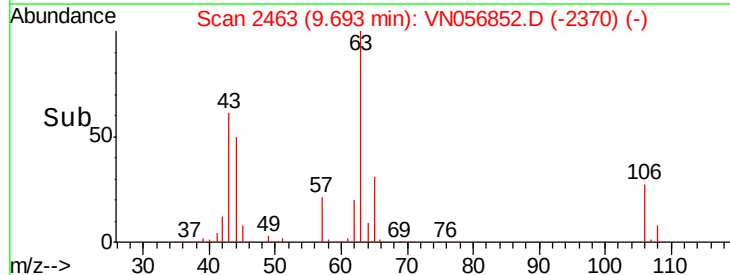
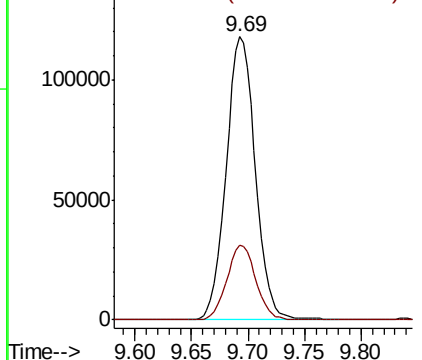


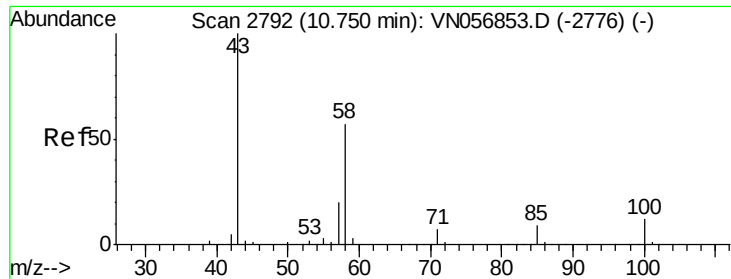
#58
 2-Chloroethyl Vinyl ether
 Concen: 84.542 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 63 Resp: 211378
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8



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

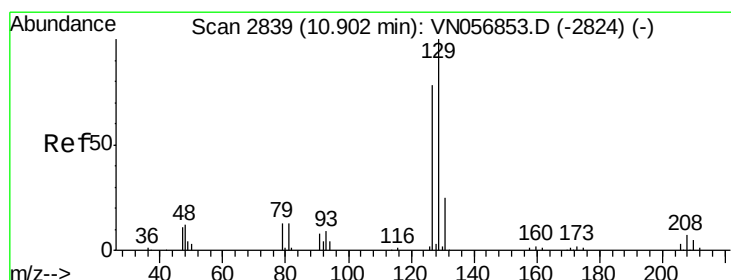
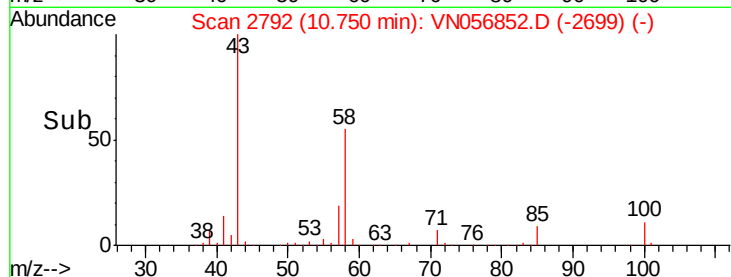
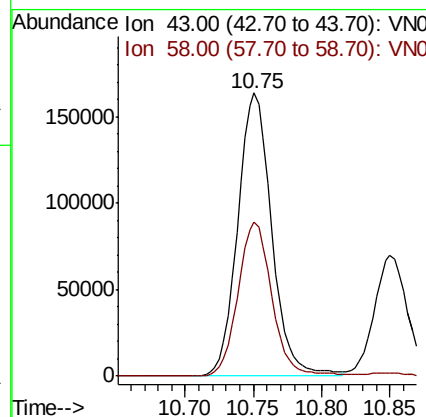
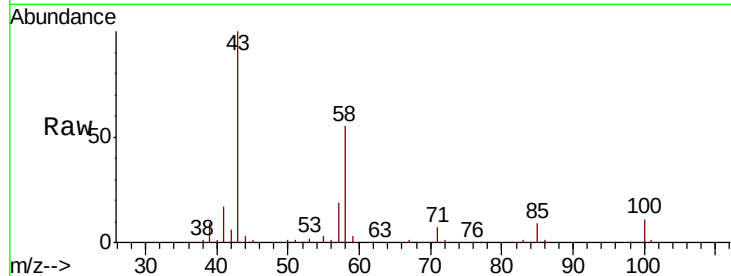




#59
2-Hexanone
Concen: 83.043 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

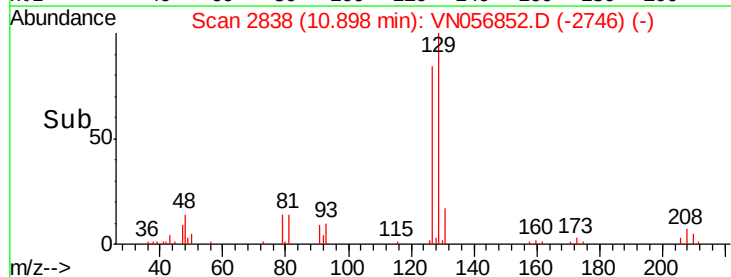
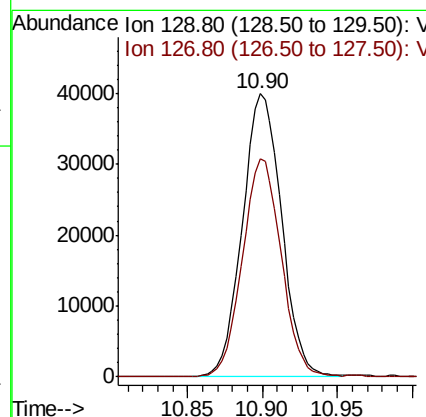
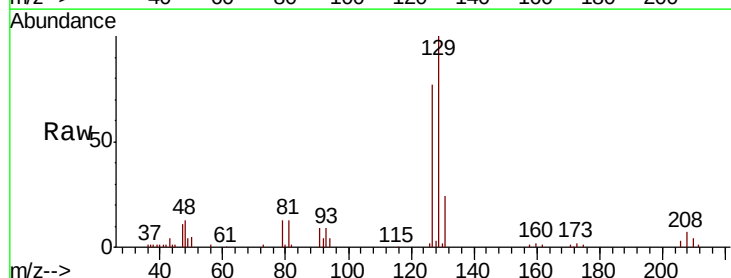
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

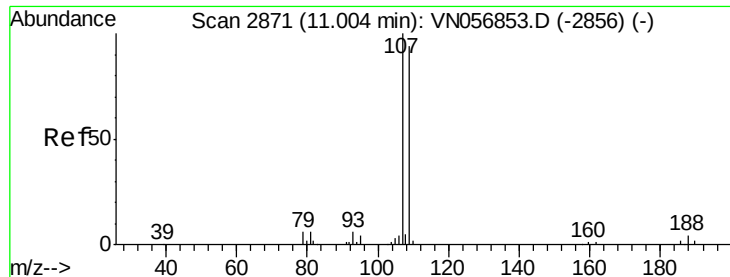
Tot Ion: 43 Resp: 281883
Ion Ratio Lower Upper
43 100
58 54.7 28.3 85.0



#60
Dibromochloromethane
Concen: 19.870 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 129 Resp: 73038
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.667 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

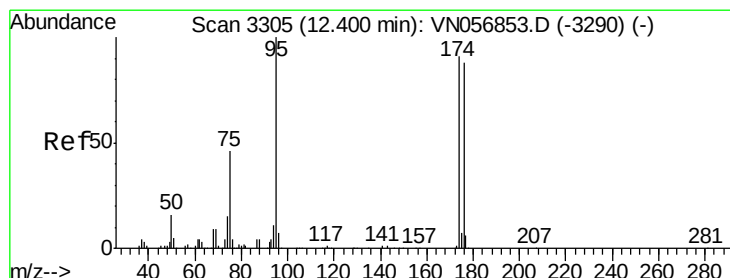
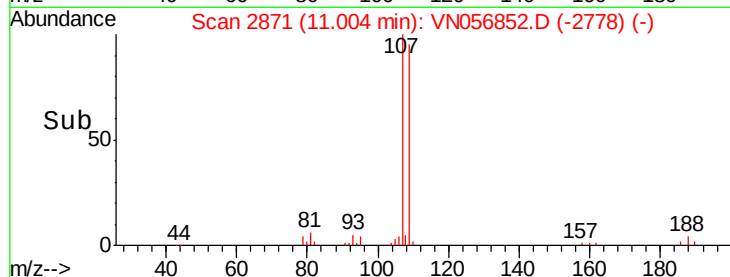
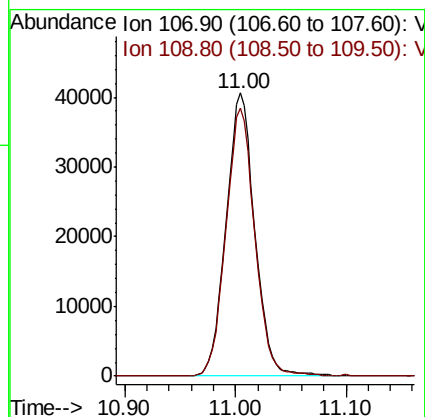
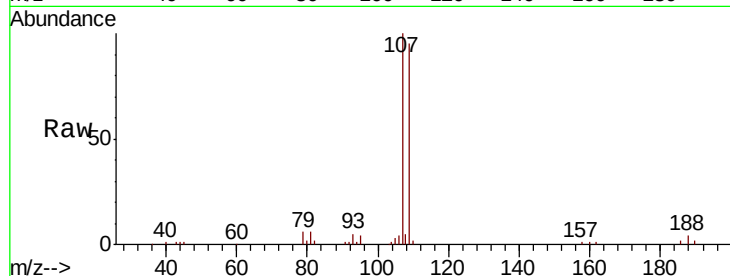
VSTDIC020

Tot Ion:107 Resp: 73025

Ion Ratio Lower Upper

107 100

109 95.5 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 19.475 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

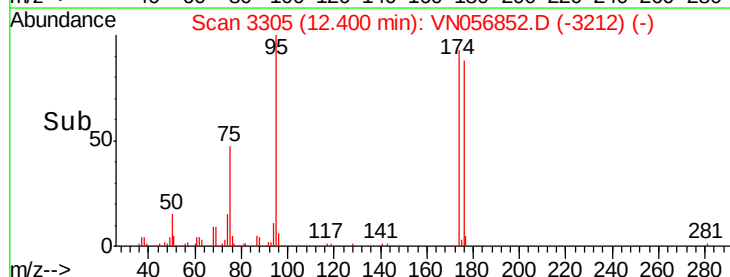
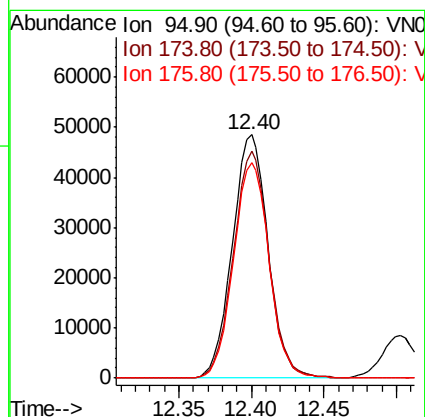
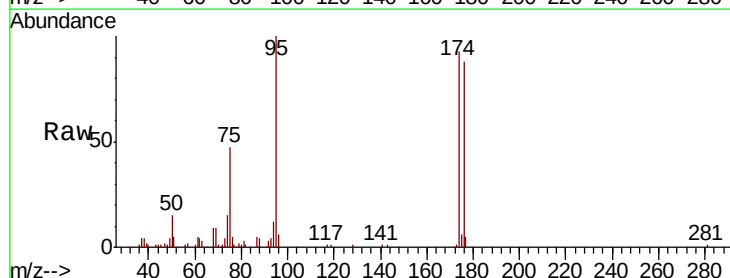
Tgt Ion: 95 Resp: 82716

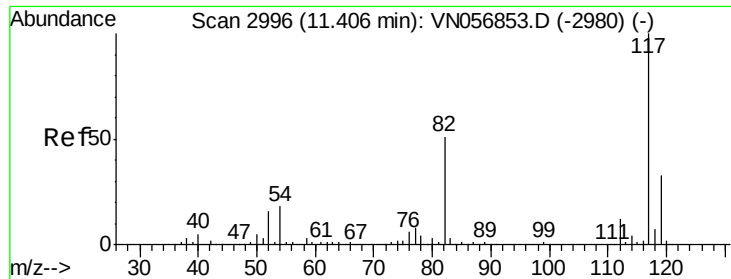
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.4

176 88.5 0.0 175.8

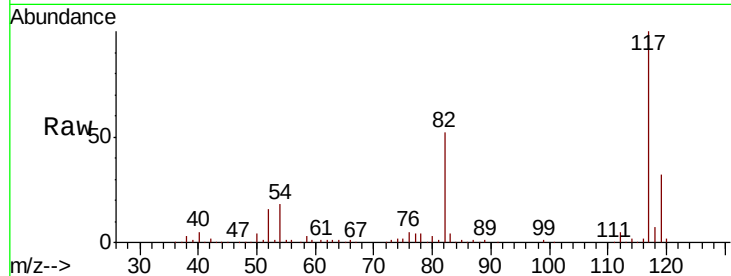




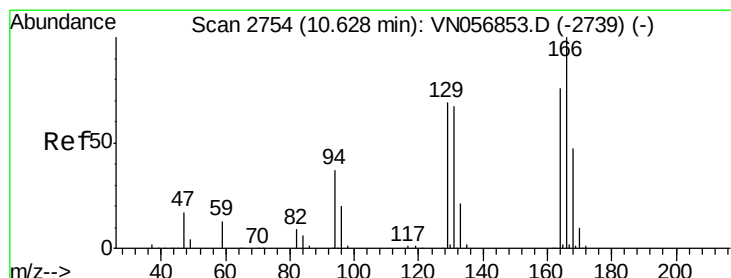
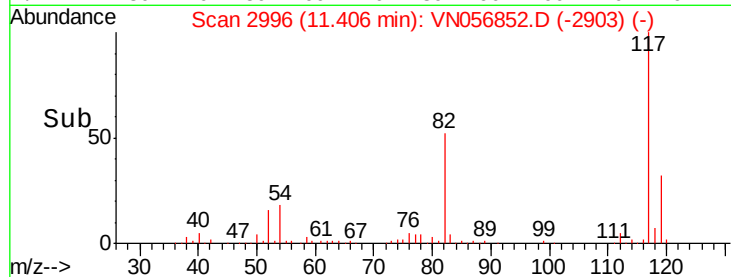
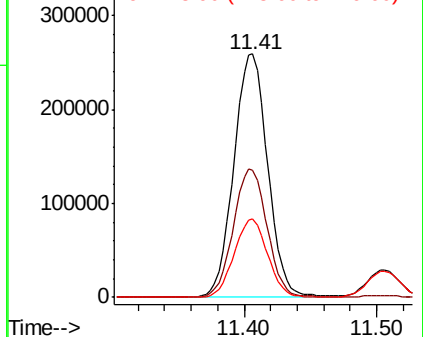
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 460565
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.2 26.4 39.6

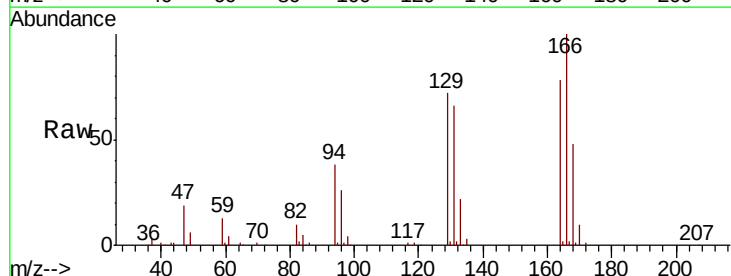


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

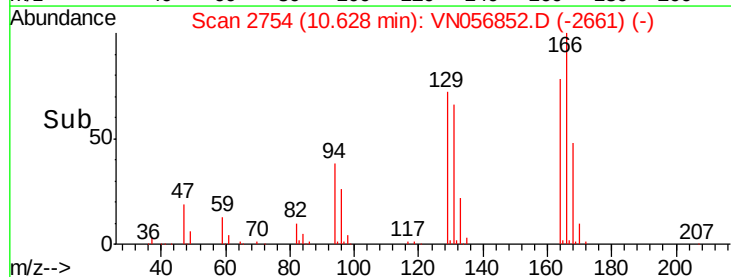
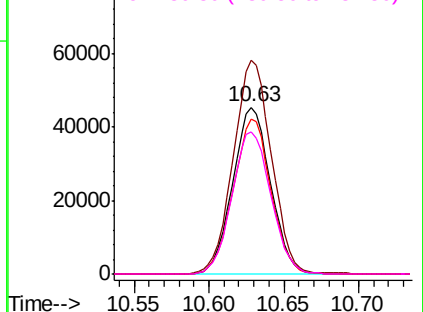


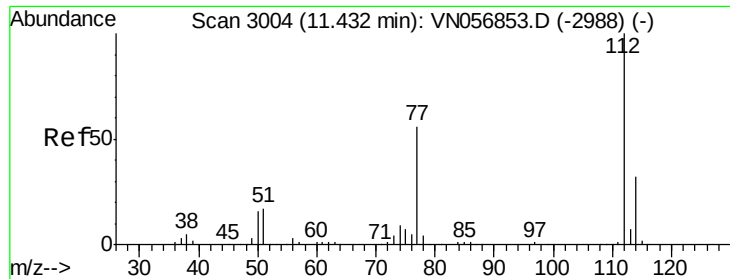
#64
Tetrachloroethene
Concen: 19.742 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion:164 Resp: 79594
Ion Ratio Lower Upper
164 100
166 128.2 104.9 157.3
129 92.9 72.8 109.2
131 85.2 70.2 105.2



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

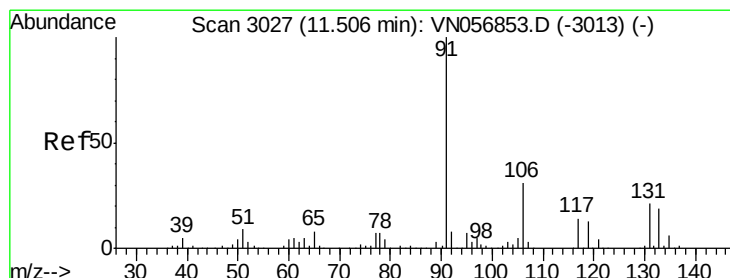
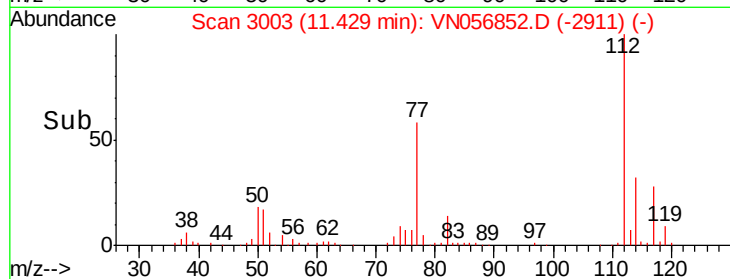
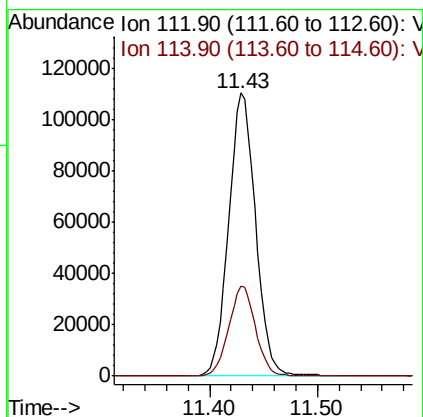
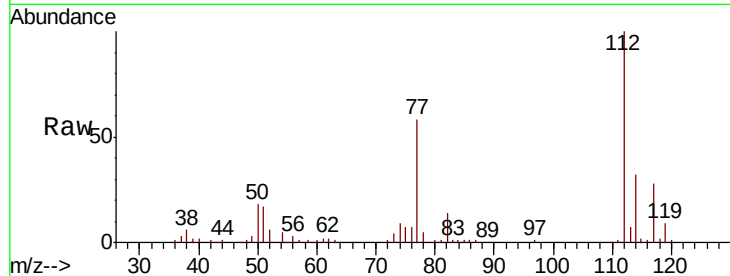




#65
Chlorobenzene
Concen: 20.172 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

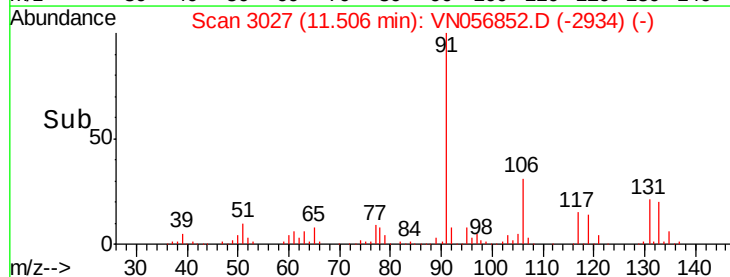
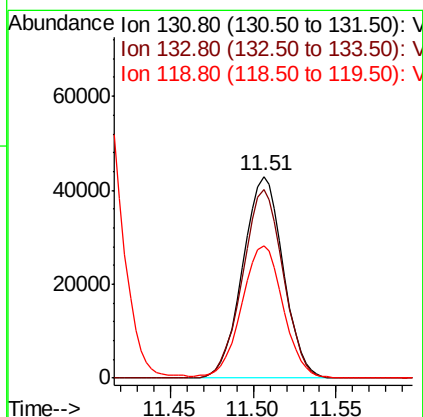
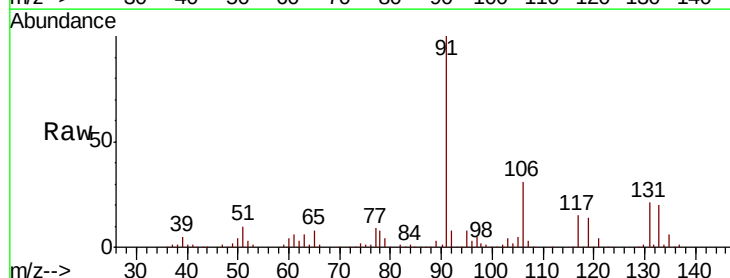
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

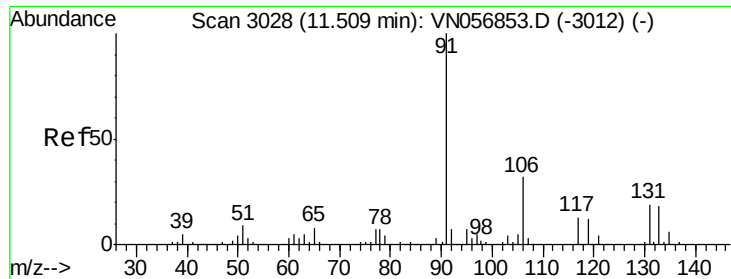
Tot Ion:112 Resp: 192475
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.708 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion:131 Resp: 72700
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 67.6 33.1 99.5

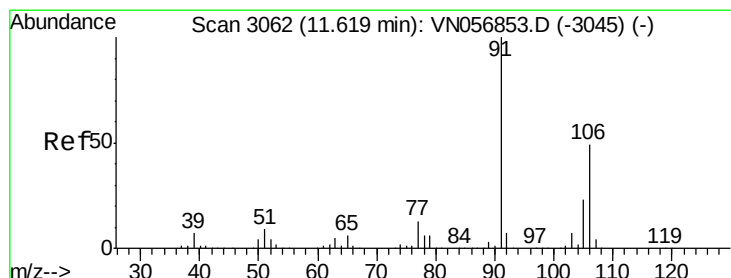
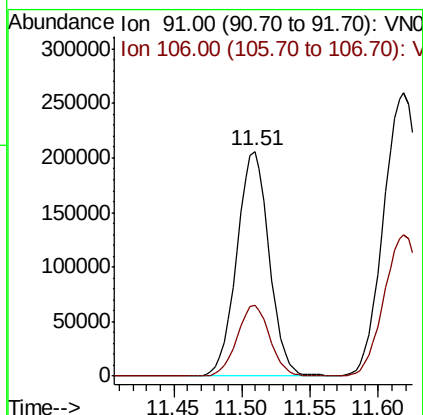
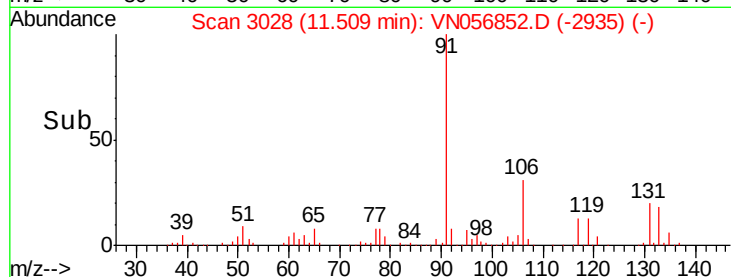
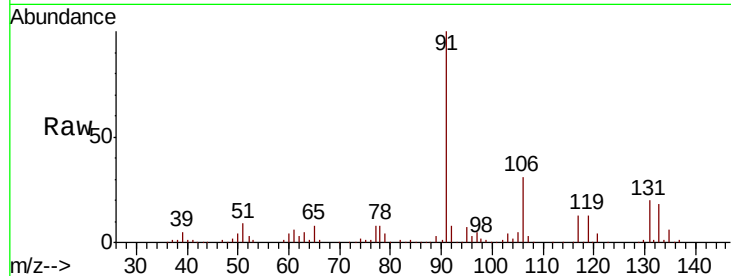




#67
Ethyl Benzene
Concen: 20.270 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

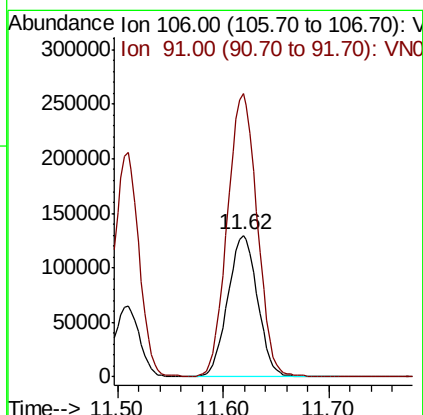
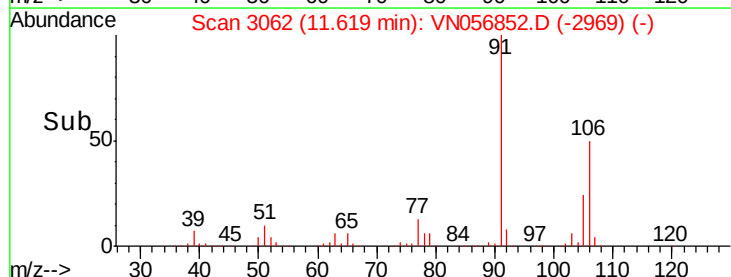
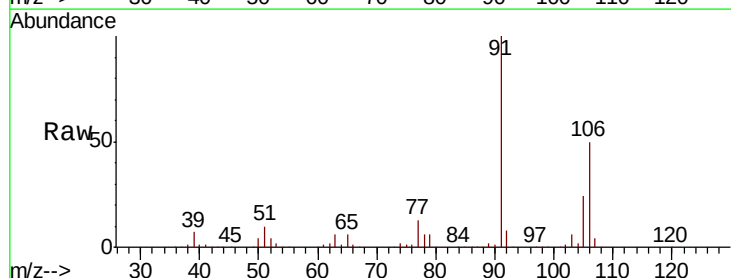
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

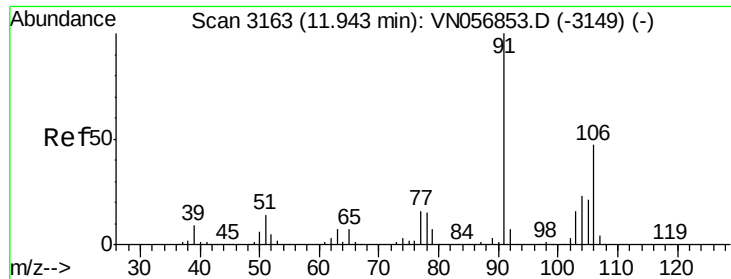
Tot Ion: 91 Resp: 339392
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 40.497 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 106 Resp: 253279
Ion Ratio Lower Upper
106 100
91 200.4 160.5 240.7

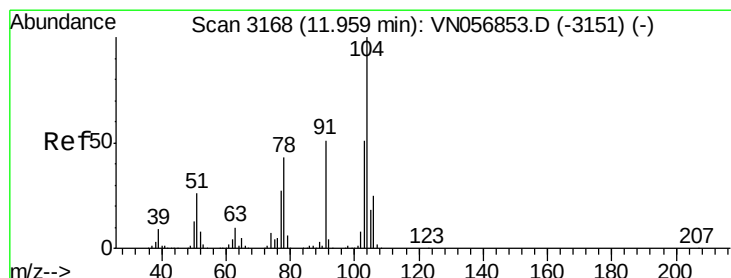
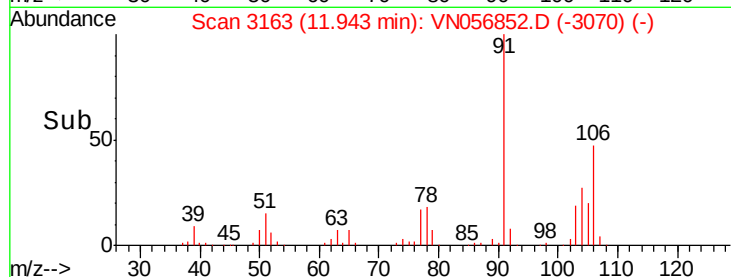
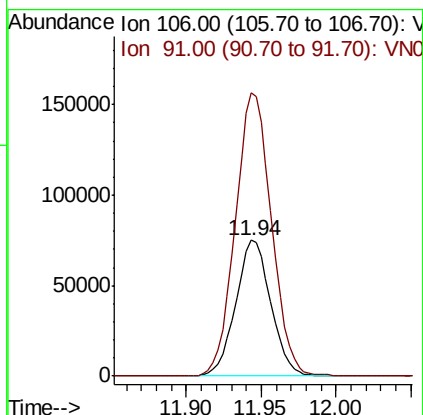
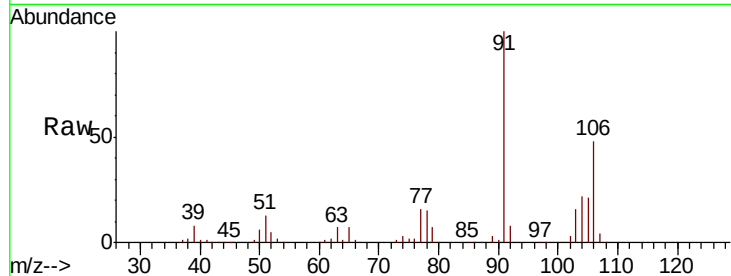




#69
o-Xylene
Concen: 19.913 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

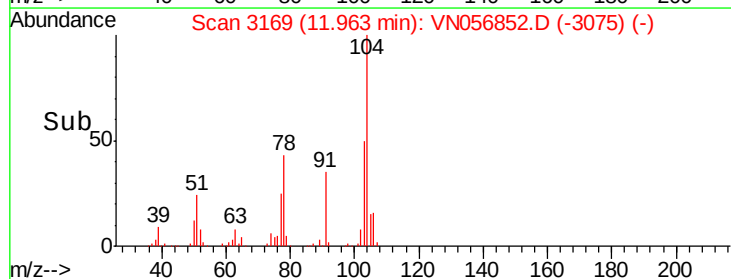
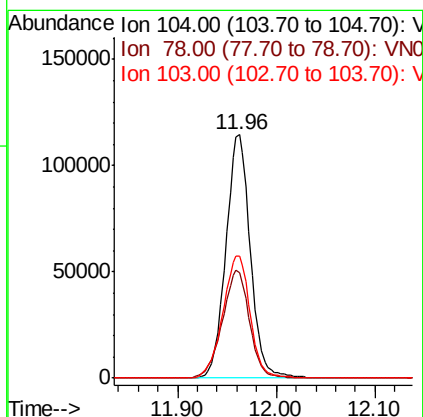
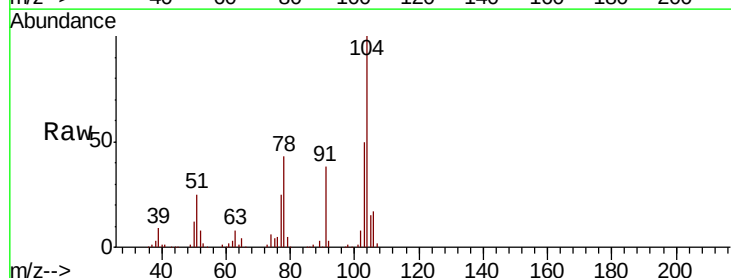
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

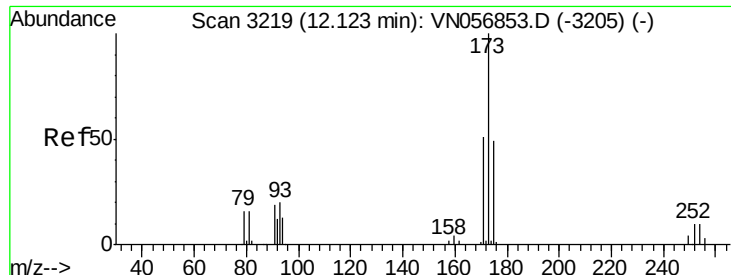
Tot Ion:106 Resp: 122472
Ion Ratio Lower Upper
106 100
91 214.5 105.1 315.3



#70
Styrene
Concen: 20.069 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion:104 Resp: 199335
Ion Ratio Lower Upper
104 100
78 49.1 38.1 57.1
103 55.6 44.2 66.4

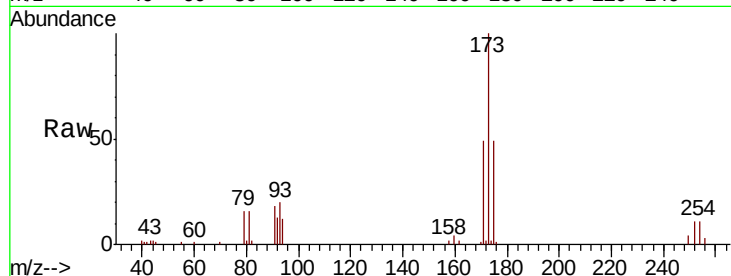




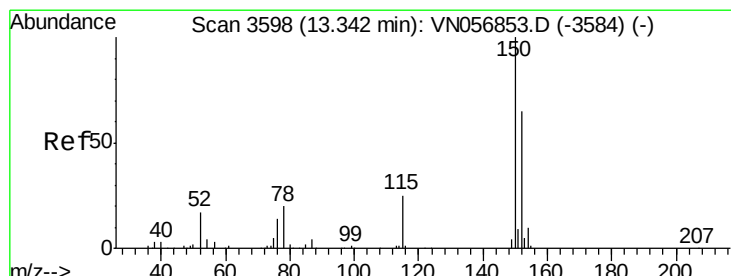
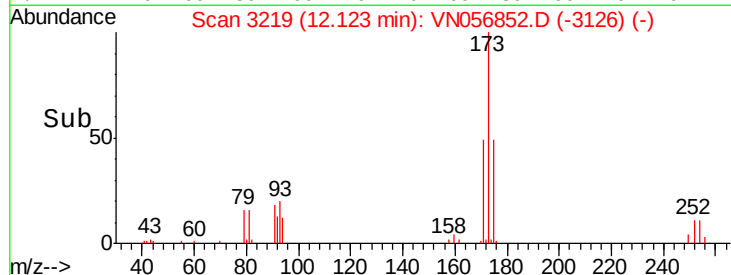
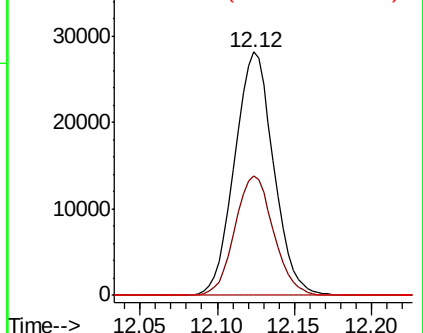
#71
Bromoform
Concen: 18.742 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:173 Resp: 49288
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.0 0.0 0.0

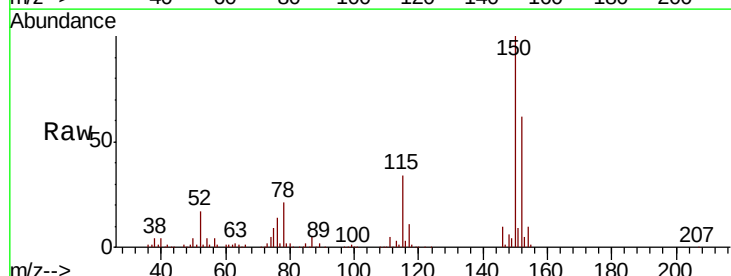


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

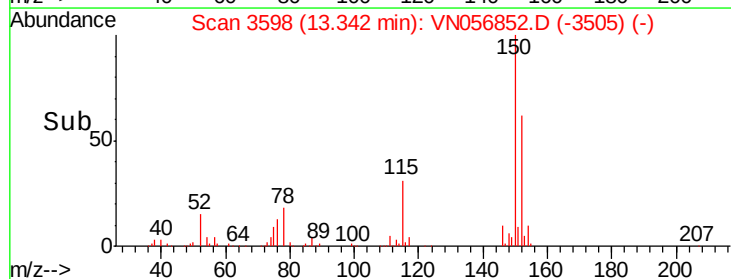
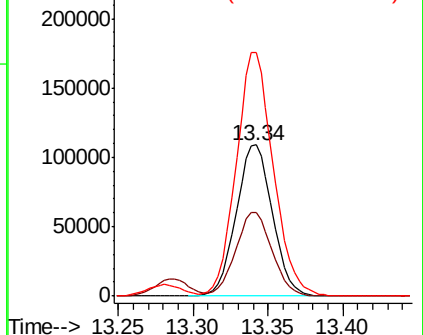


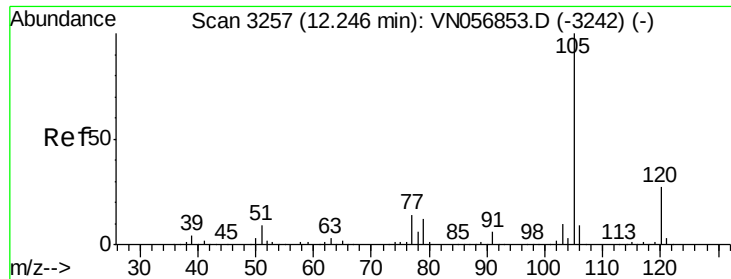
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion:152 Resp: 183185
Ion Ratio Lower Upper
152 100
115 55.6 27.6 82.7
150 165.4 0.0 343.0



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: 21.731 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

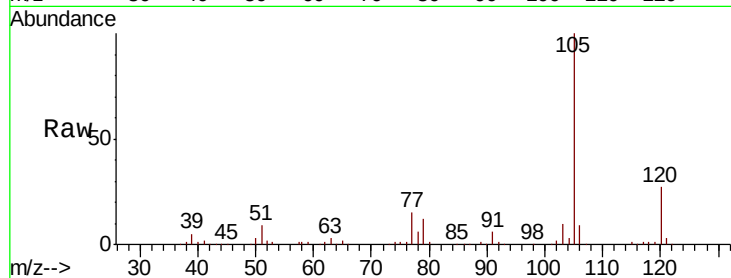
VSTDIC020

Tot Ion:105 Resp: 326620

Ion Ratio Lower Upper

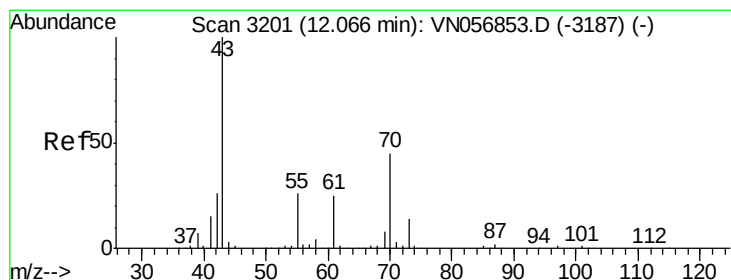
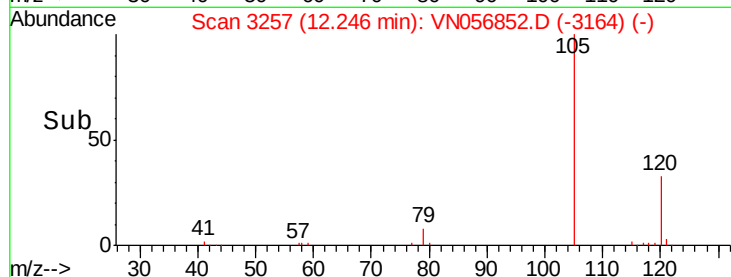
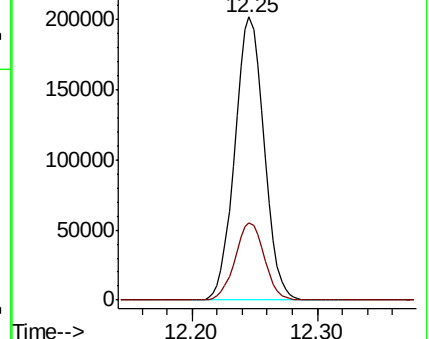
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.473 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Tgt Ion: 43 Resp: 106598

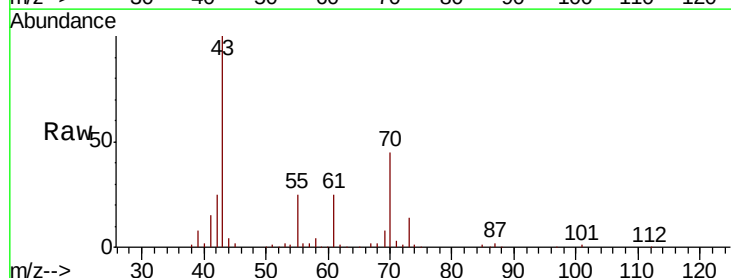
Ion Ratio Lower Upper

43 100

70 43.4 35.3 52.9

55 25.4 20.6 31.0

61 24.0 20.2 30.2

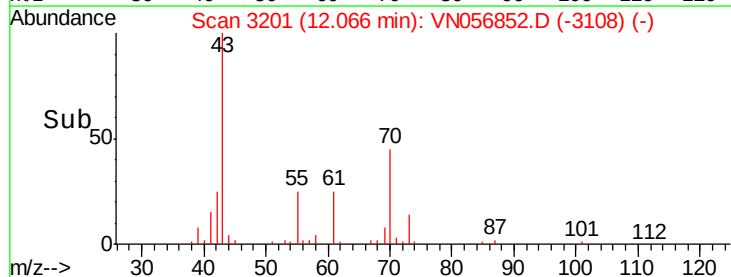
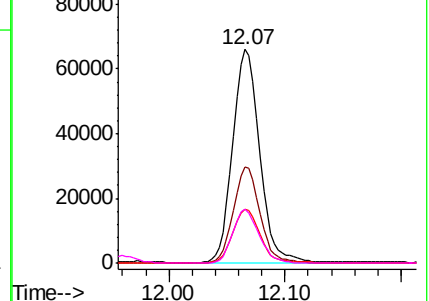


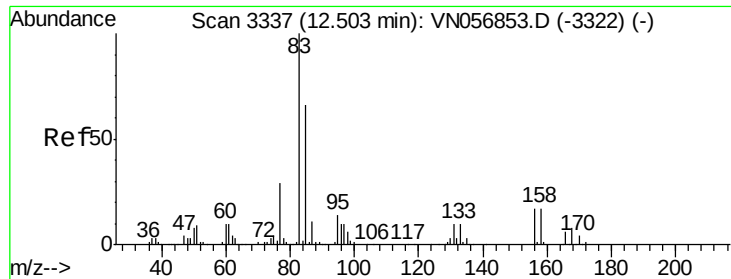
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.100 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

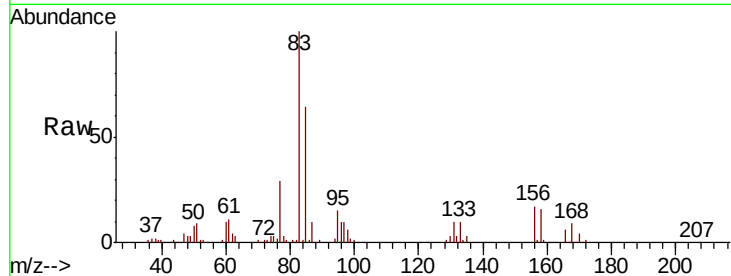
Tot Ion: 83 Resp: 94711

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

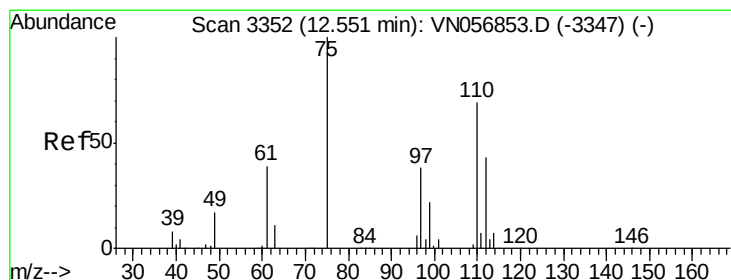
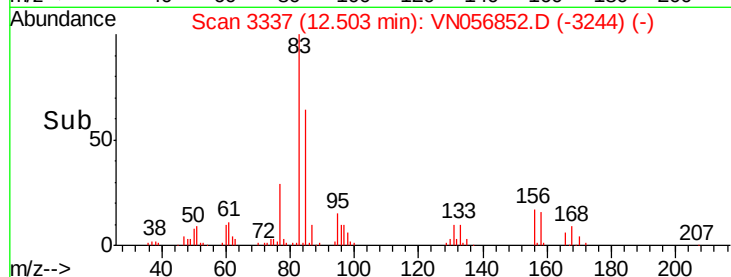
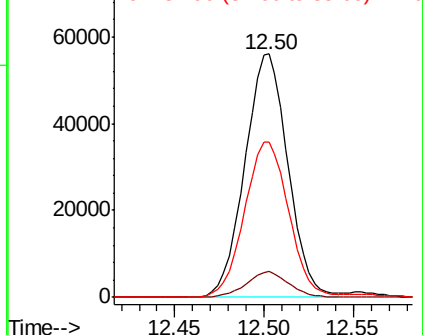
85 65.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.756 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056852.D

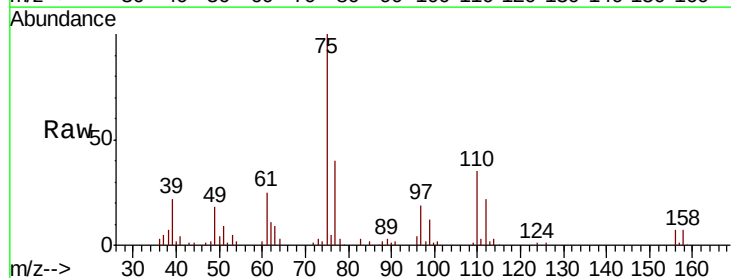
Acq: 22 Jul 2019 12:45

Tgt Ion: 75 Resp: 110510

Ion Ratio Lower Upper

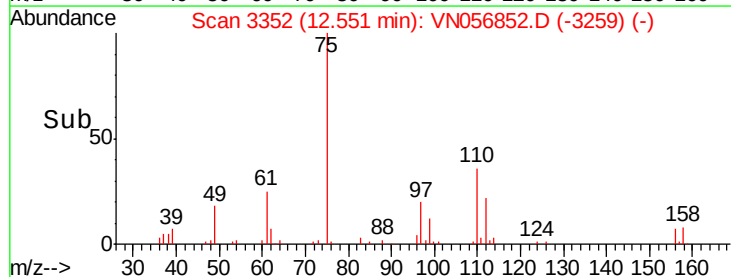
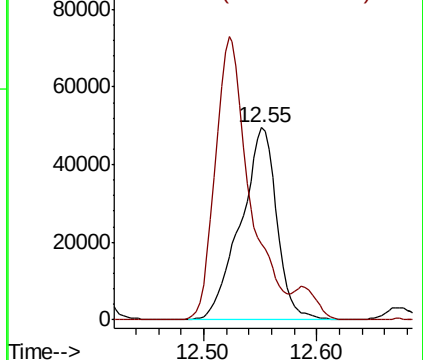
75 100

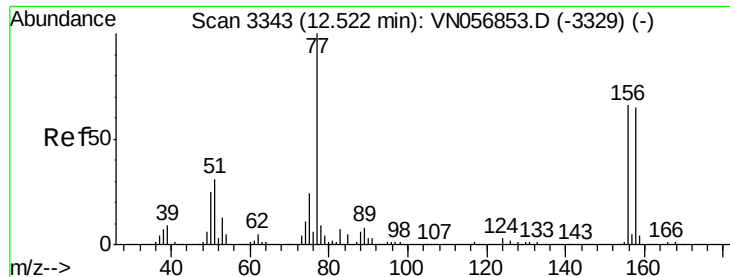
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.221 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

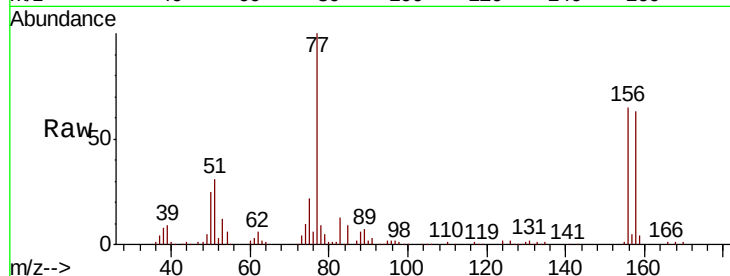
Tot Ion:156 Resp: 83361

Ion Ratio Lower Upper

156 100

77 183.5 90.7 272.1

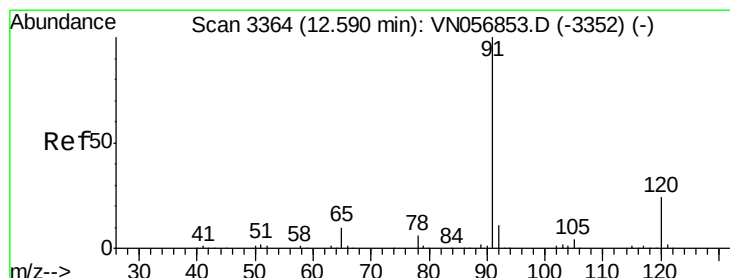
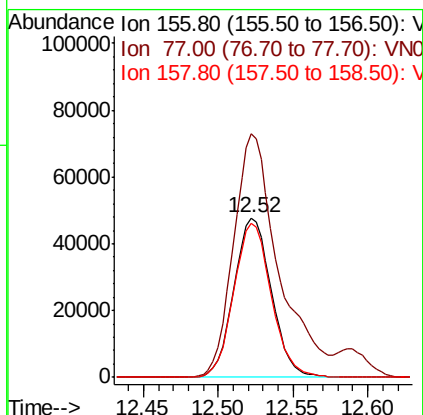
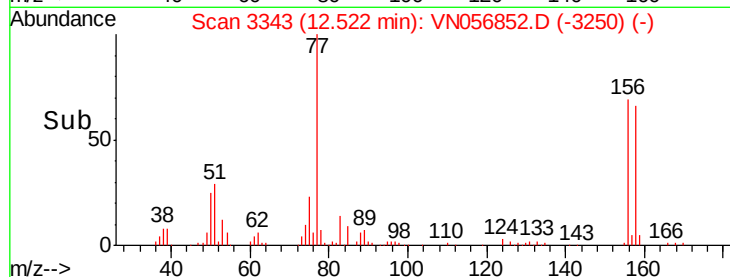
158 96.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.679 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056852.D

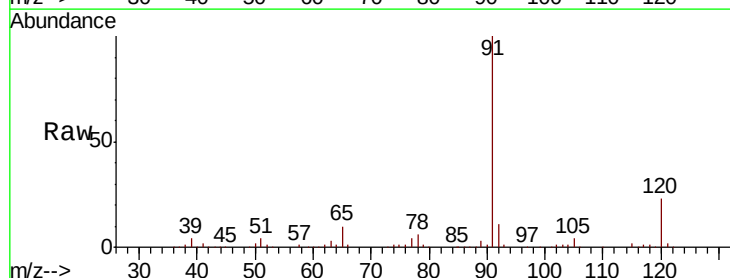
Acq: 22 Jul 2019 12:45

Tgt Ion: 91 Resp: 343318

Ion Ratio Lower Upper

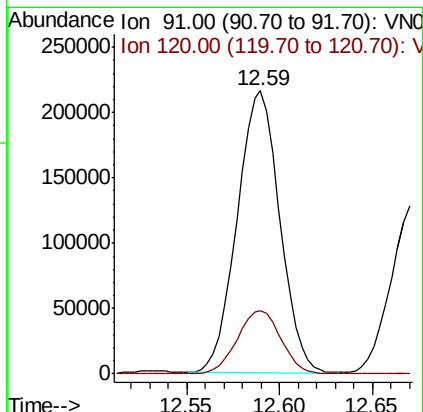
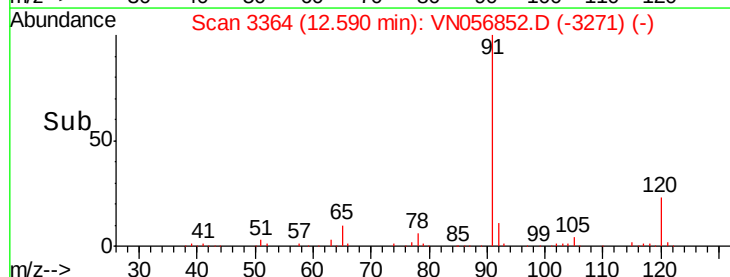
91 100

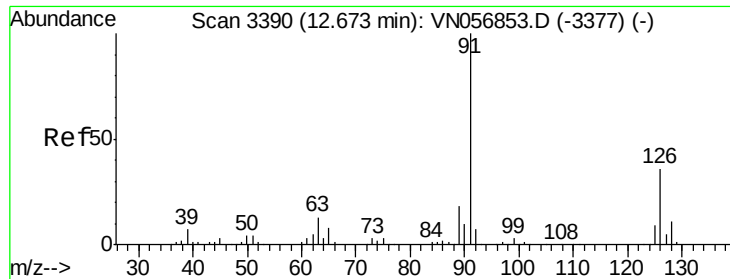
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

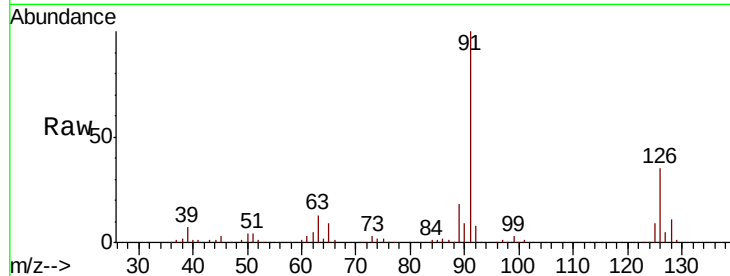




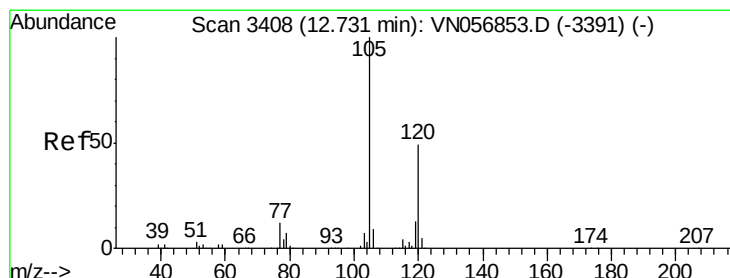
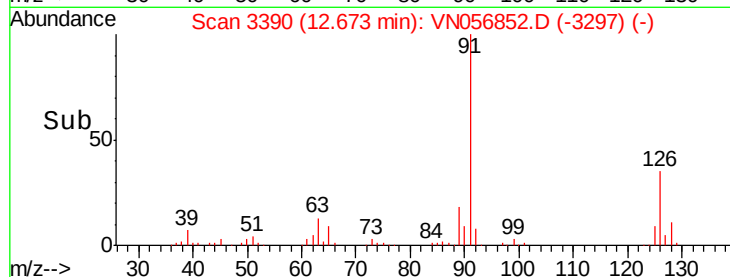
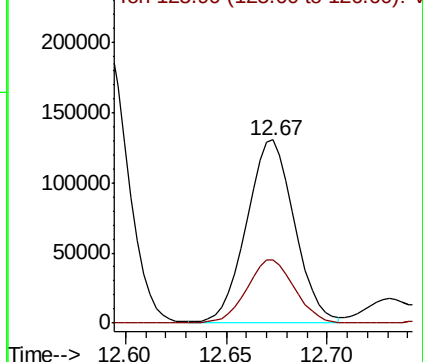
#79
 2-Chlorotoluene
 Concen: 20.823 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 213931
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.8 53.5

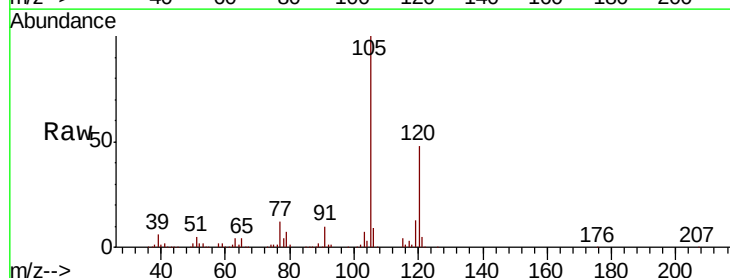


Abundance Ion 91.00 (90.70 to 91.70): VN056852.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN056852.D (-3377) (-)

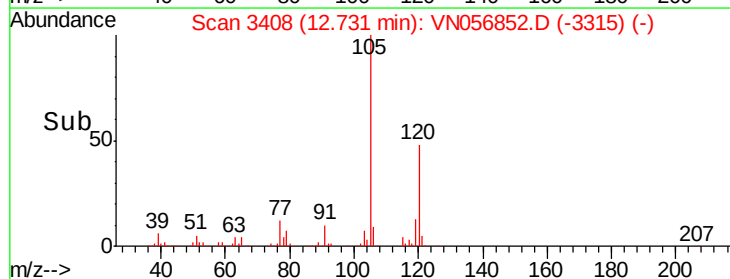
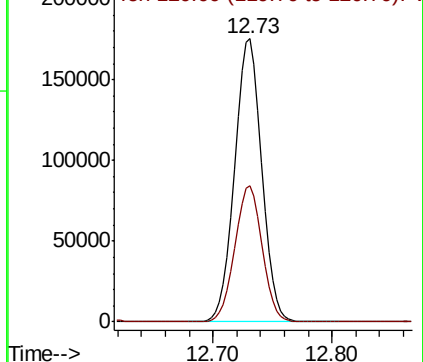


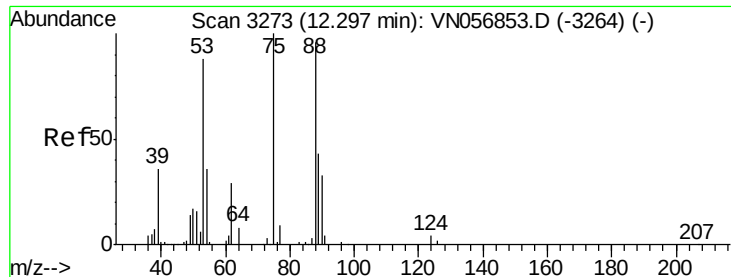
#80
 1,3,5-Trimethylbenzene
 Concen: 21.763 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion: 105 Resp: 276506
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN056852.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN056852.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.356 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

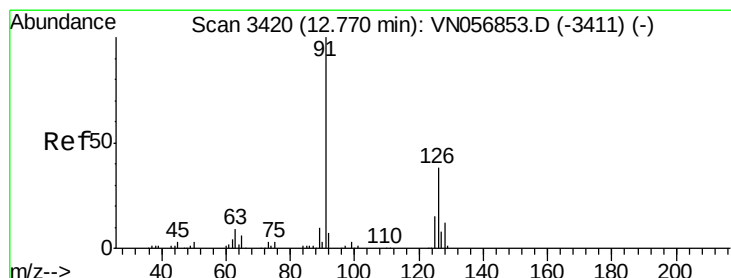
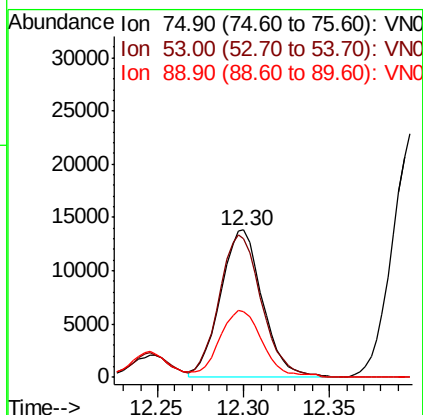
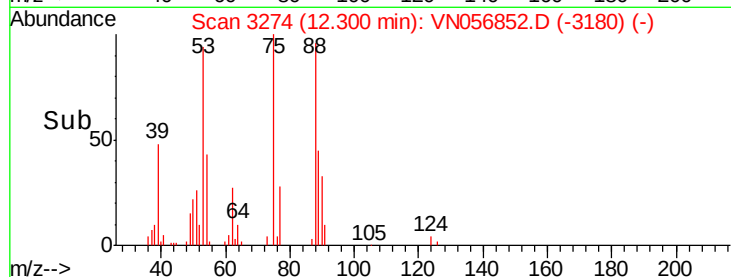
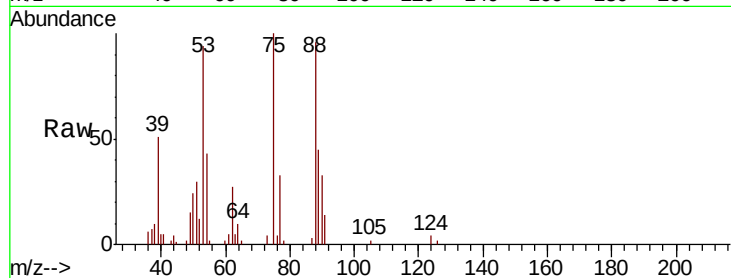
Tot Ion: 75 Resp: 23552

Ion Ratio Lower Upper

75 100

53 97.7 72.3 108.5

89 46.6 36.2 54.4



#82

4-Chlorotoluene

Concen: 20.330 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056852.D

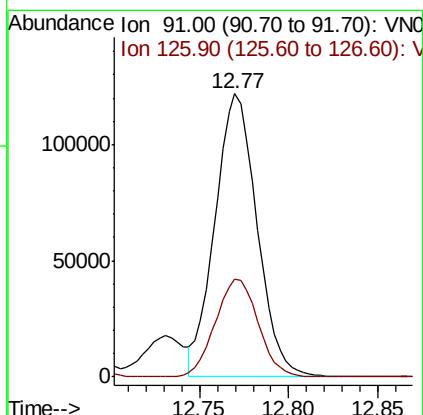
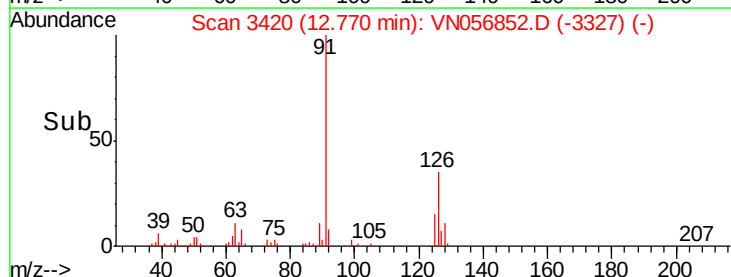
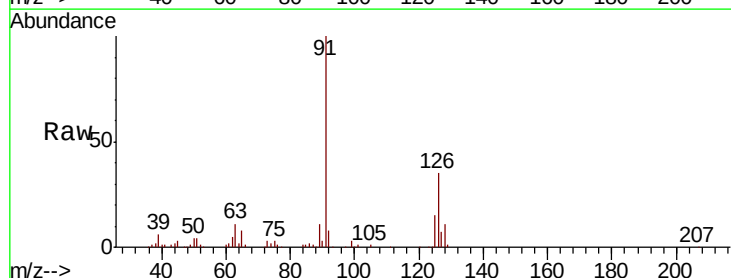
Acq: 22 Jul 2019 12:45

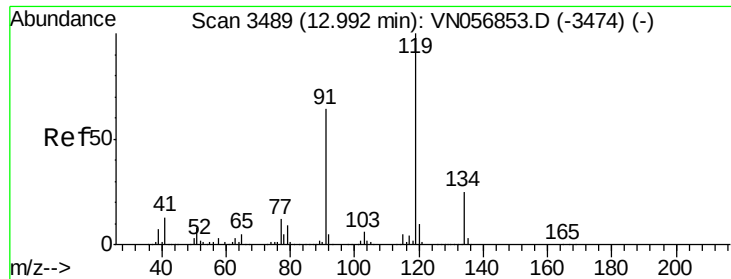
Tgt Ion: 91 Resp: 198202

Ion Ratio Lower Upper

91 100

126 35.5 17.3 52.0

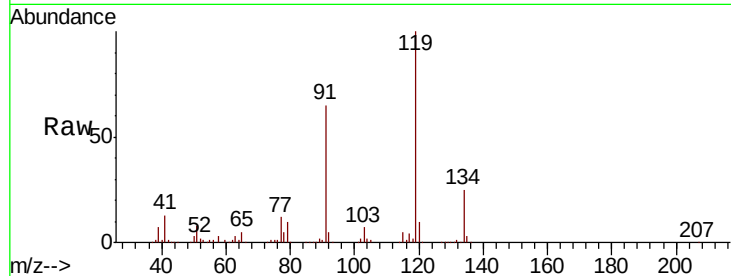




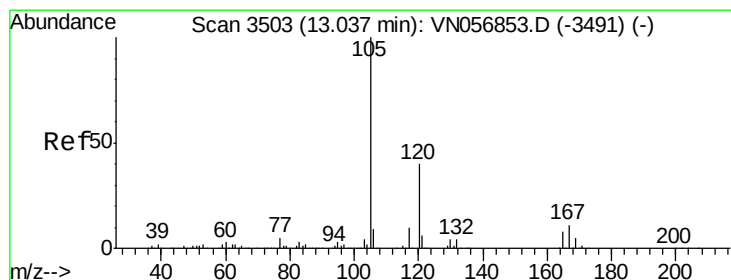
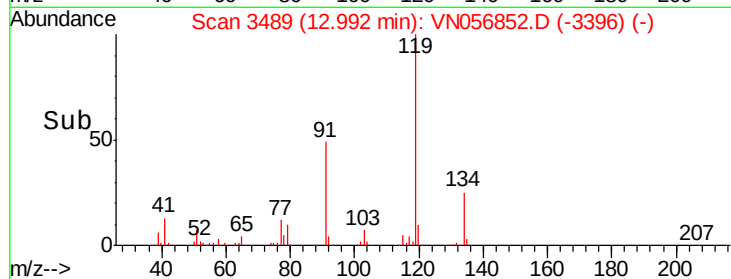
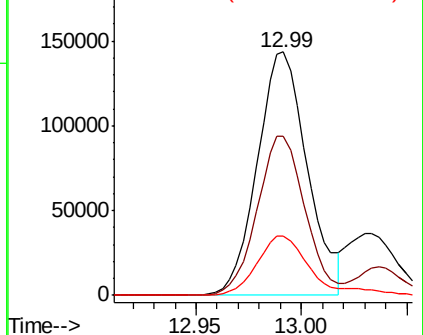
#83
 tert-Butylbenzene
 Concen: 21.380 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:119 Resp: 236996
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.5 94.5
 134 26.3 12.2 36.6

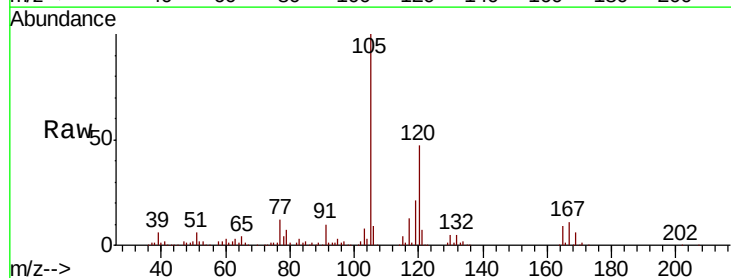


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

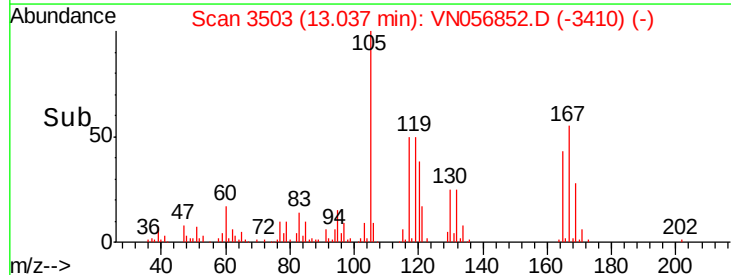
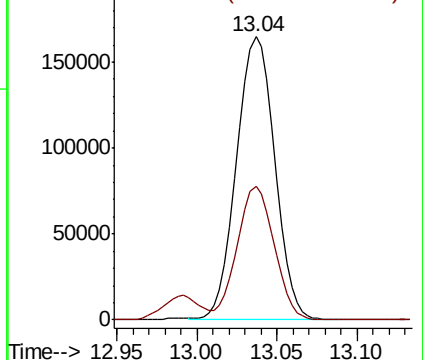


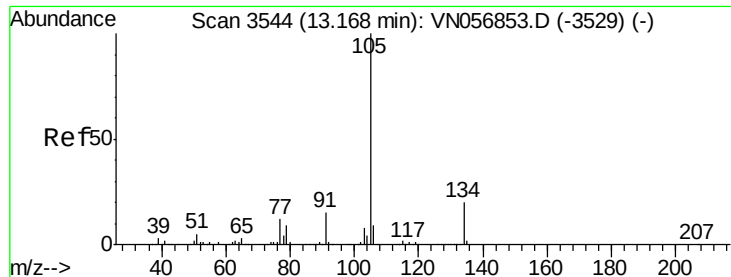
#84
 1,2,4-Trimethylbenzene
 Concen: 21.629 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion:105 Resp: 267938
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 21.416 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

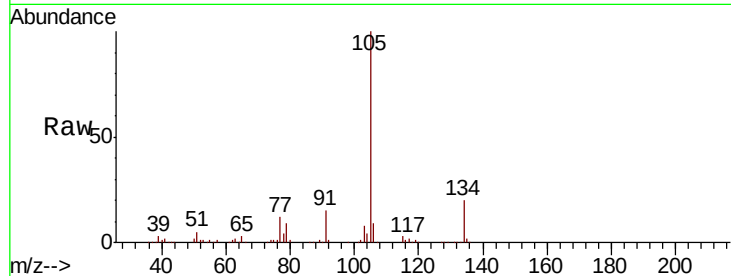
VSTDIC020

Tot Ion:105 Resp: 302835

Ion Ratio Lower Upper

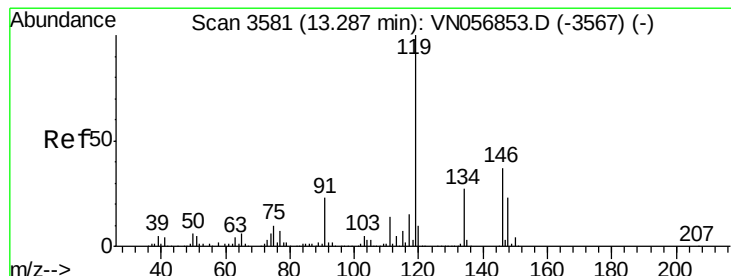
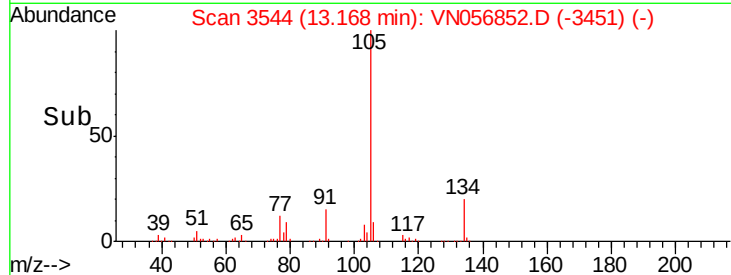
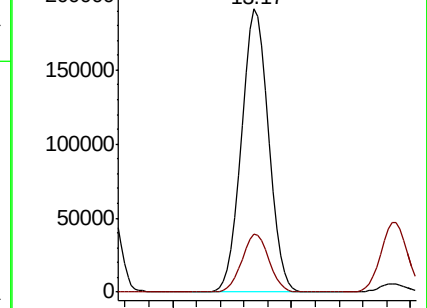
105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.309 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056852.D

Acq: 22 Jul 2019 12:45

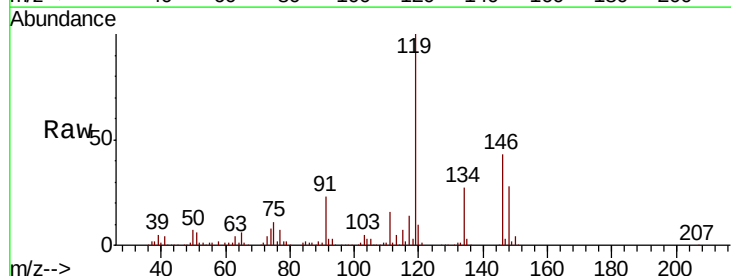
Tgt Ion:119 Resp: 272427

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

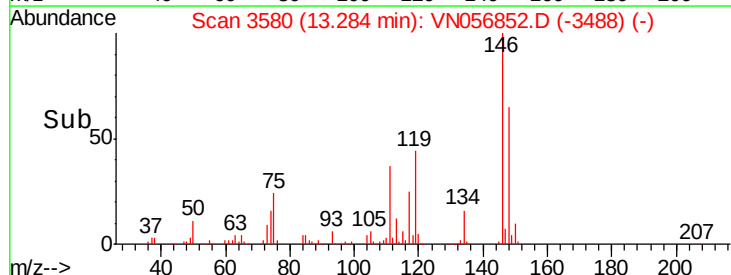
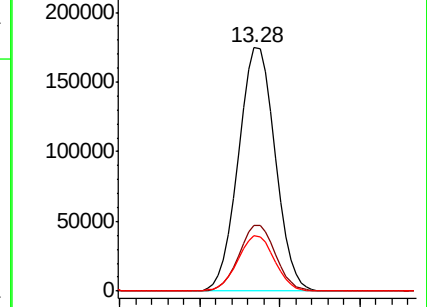
91 22.8 11.3 33.8

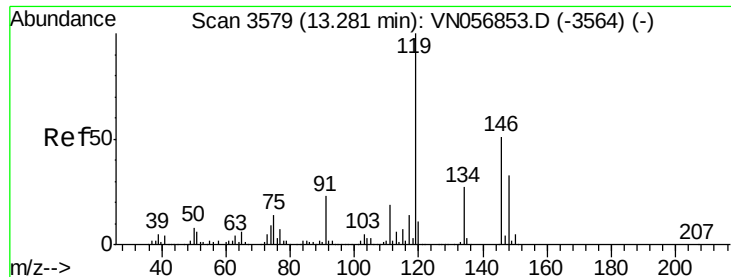


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

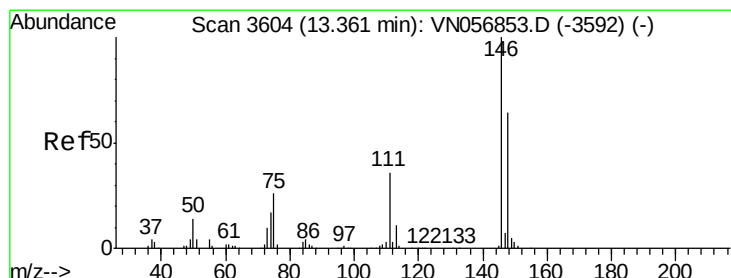
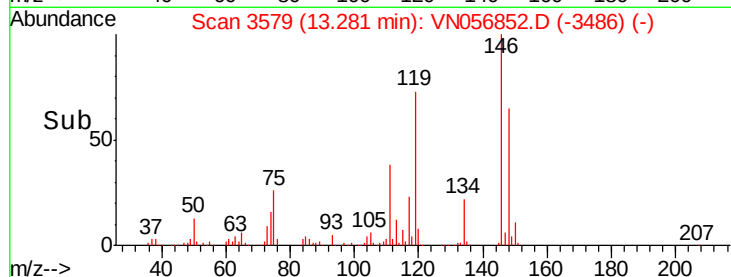
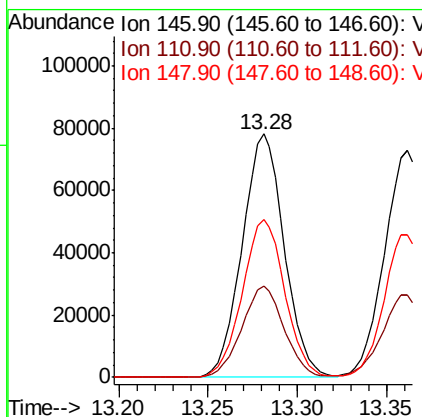
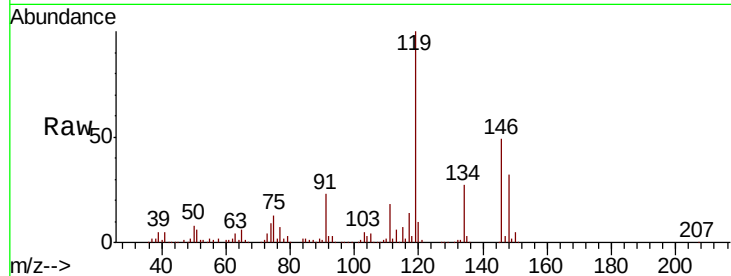




#87
 1,3-Dichlorobenzene
 Concen: 20.108 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

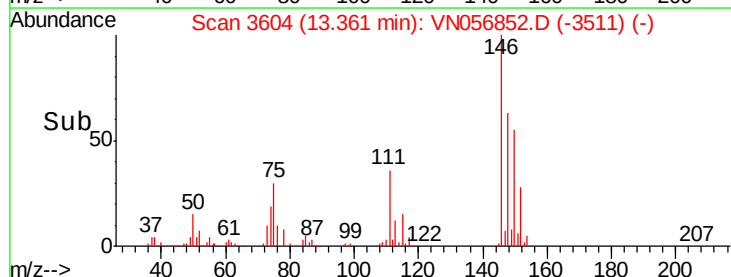
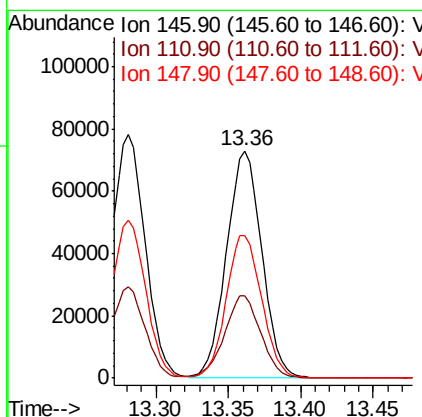
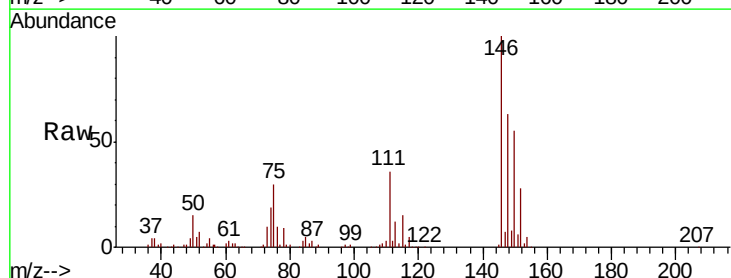
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

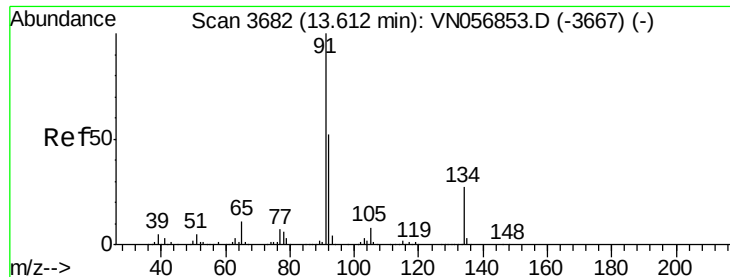
Tot Ion:146 Resp: 128448
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 65.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.941 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion:146 Resp: 123871
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.9
 148 62.9 32.1 96.3

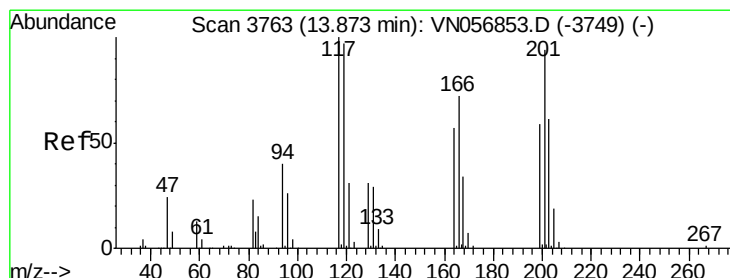
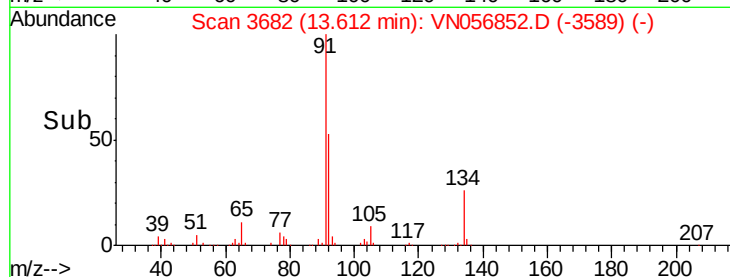
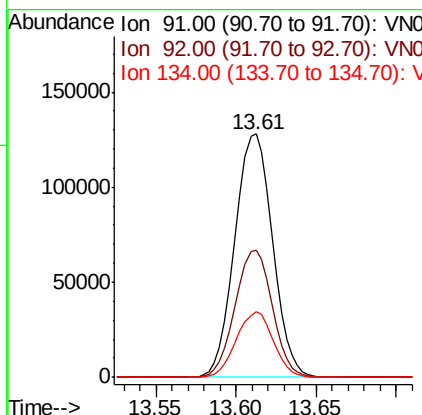
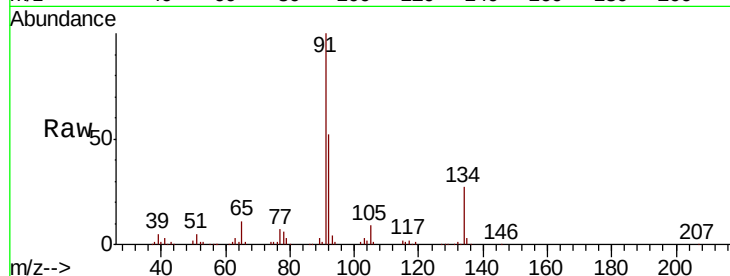




#89
n-Butylbenzene
Concen: 20.122 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

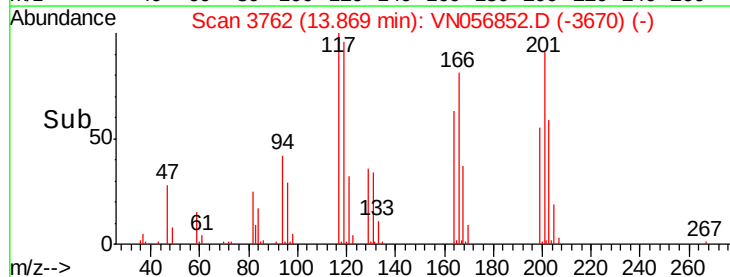
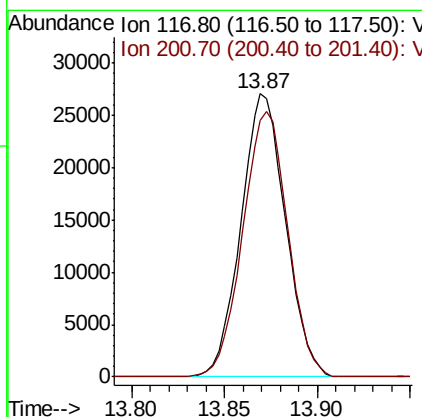
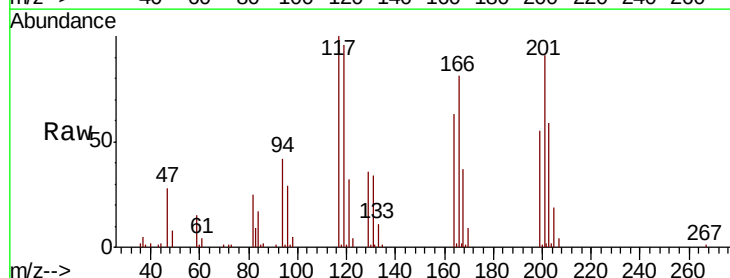
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

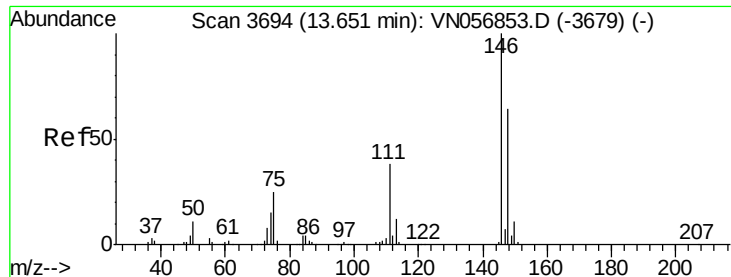
Tot Ion: 91 Resp: 206013
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 26.3 13.3 39.9



#90
Hexachloroethane
Concen: 21.663 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion: 117 Resp: 45148
Ion Ratio Lower Upper
117 100
201 94.7 47.1 141.3

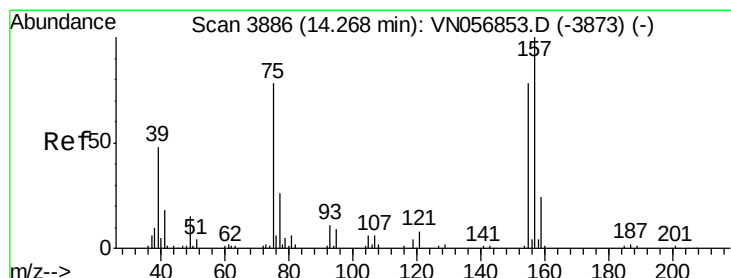
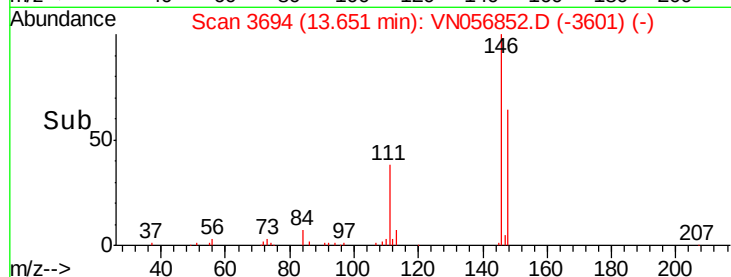
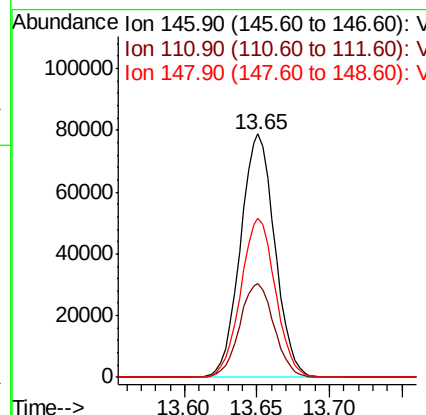
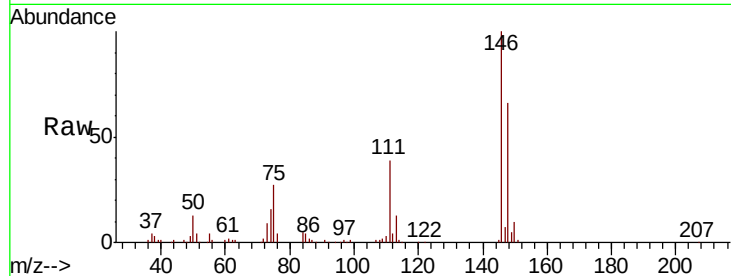




#91
 1,2-Dichlorobenzene
 Concen: 19.867 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

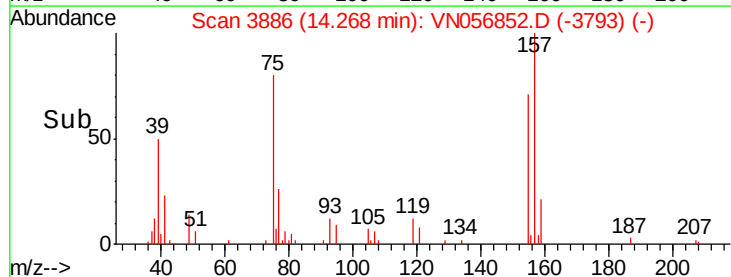
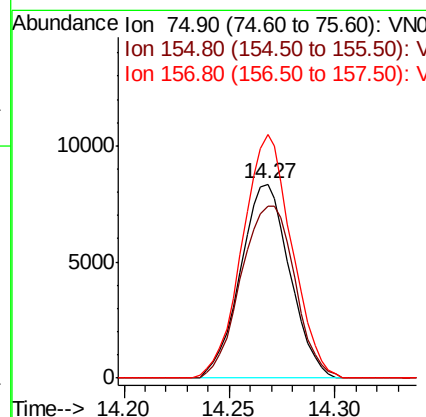
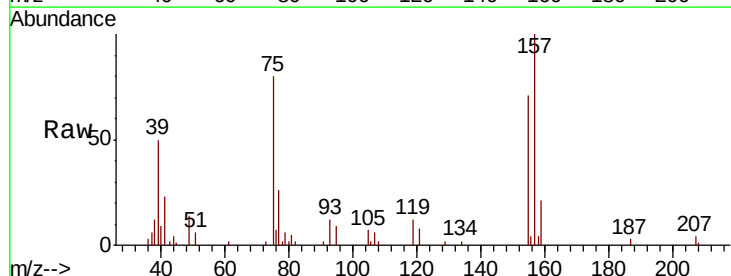
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

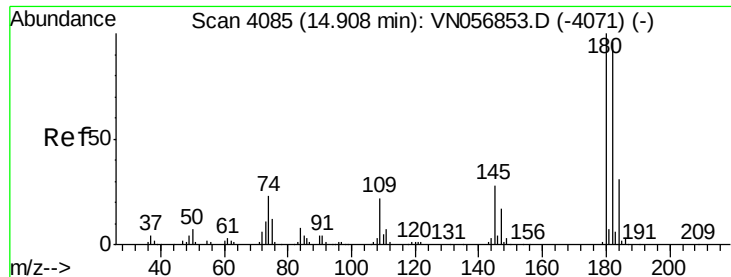
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	66.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.488 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	49.9	149.6
157	126.0	64.8	194.4

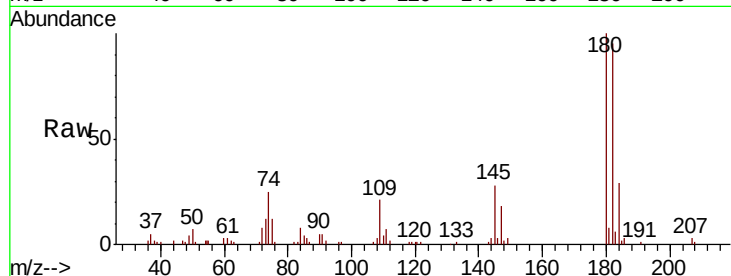




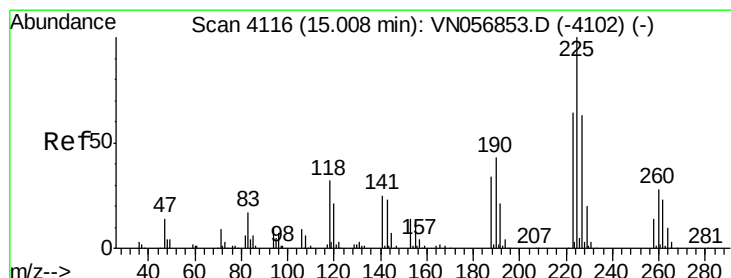
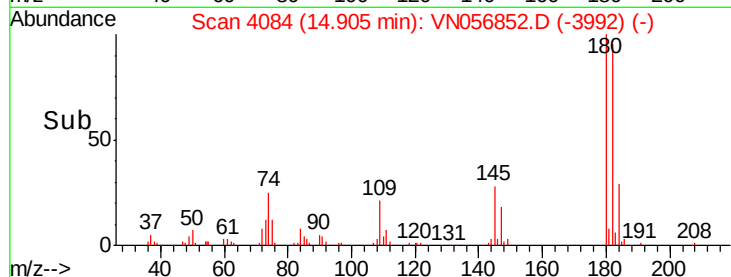
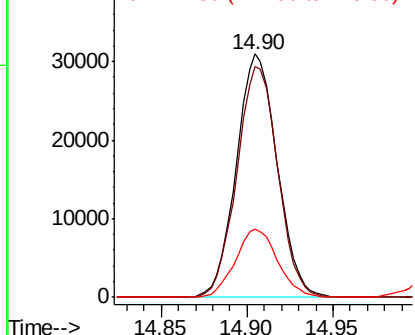
#93
 1,2,4-Trichlorobenzene
 Concen: 17.347 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:180 Resp: 50961
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.7
 145 28.8 14.1 42.3

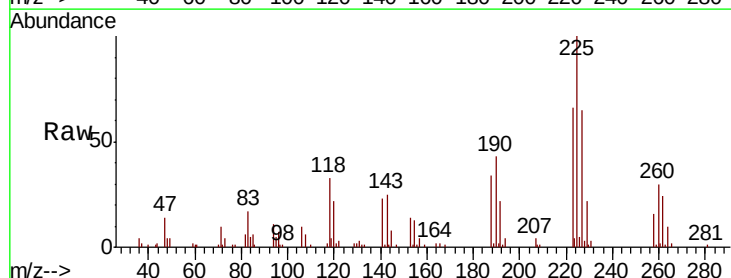


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

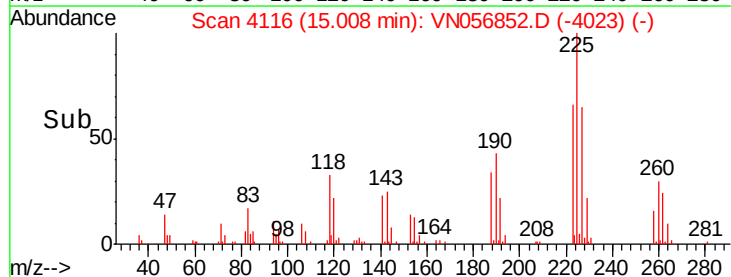
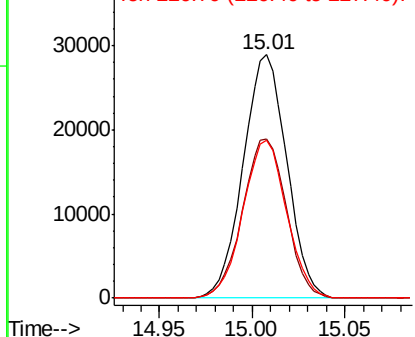


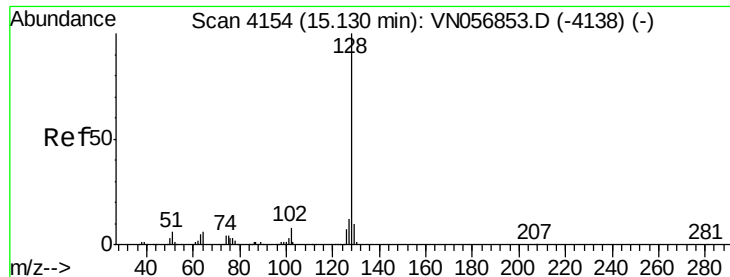
#94
 Hexachlorobutadiene
 Concen: 20.047 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056852.D
 Acq: 22 Jul 2019 12:45

Tgt Ion:225 Resp: 47125
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.9 95.5
 227 65.0 31.7 95.1



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

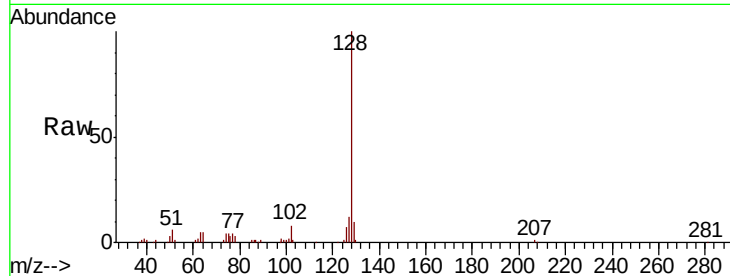




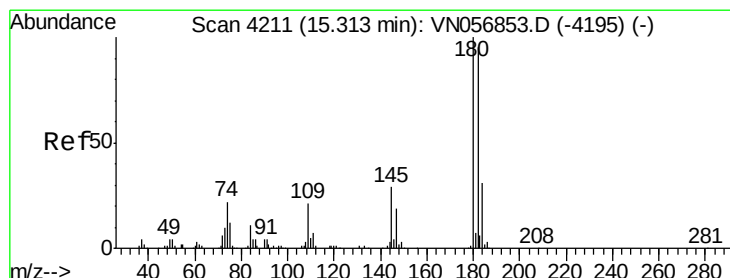
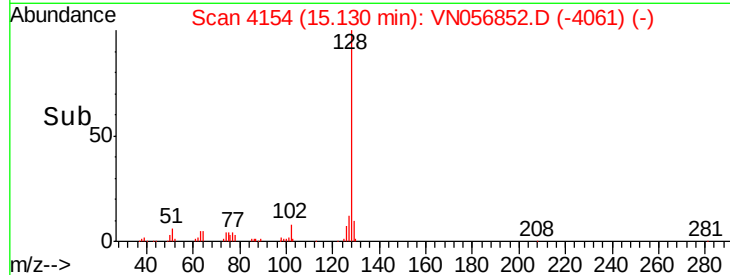
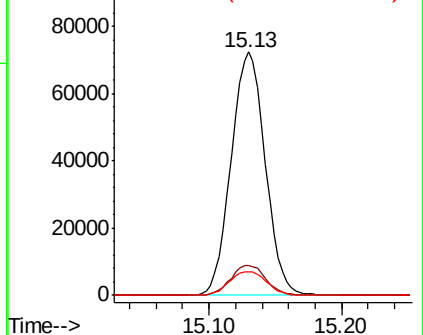
#95
Naphthalene
Concen: 16.411 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 128839
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.5 8.5 12.7

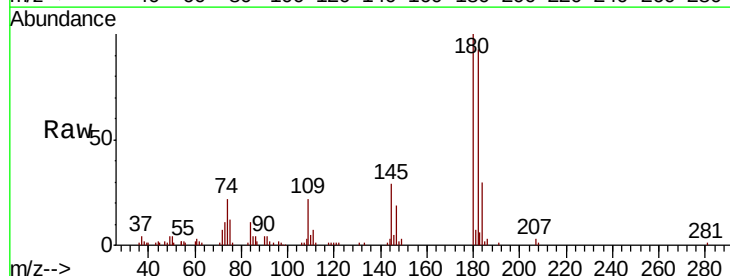


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.274 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN056852.D
Acq: 22 Jul 2019 12:45

Tgt Ion:180 Resp: 59186
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 29.8 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

