

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062119\
 Data File : VN056411.D
 Acq On : 21 Jun 2019 9:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 24 09:24:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	368517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	569861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	208624	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	183222	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.09	98	706688	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.40	95	242417	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	160651	51.484	ug/l	98
3) Chloromethane	2.06	50	207334	48.798	ug/l	100
4) Vinyl Chloride	2.18	62	207410	50.543	ug/l	99
5) Bromomethane	2.52	94	115031m	47.815	ug/l	
6) Chloroethane	2.67	64	120347m	50.641	ug/l	
7) Trichlorofluoromethane	3.00	101	268045	50.495	ug/l	100
8) Diethyl Ether	3.41	74	112818	50.218	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	169395	50.040	ug/l	99
10) Methyl Iodide	3.94	142	247340	54.060	ug/l	99
11) Tert butyl alcohol	4.80	59	162485	236.204	ug/l	98
12) 1,1-Dichloroethene	3.73	96	166562	51.165	ug/l	99
13) Acrolein	3.60	56	114647	197.744	ug/l	99
14) Allyl chloride	4.32	41	286664	52.899	ug/l	99
15) Acrylonitrile	4.99	53	489149	257.030	ug/l	100
16) Acetone	3.82	43	546467	267.052	ug/l	100
17) Carbon Disulfide	4.05	76	375666	50.735	ug/l	99
18) Methyl Acetate	4.32	43	202682	50.581	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	546938	50.774	ug/l	100
20) Methylene Chloride	4.54	84	197864	51.316	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	174525	49.725	ug/l	97
22) Diisopropyl ether	5.95	45	586905	51.570	ug/l	97
23) Vinyl Acetate	5.89	43	2456217	273.630	ug/l	100
24) 1,1-Dichloroethane	5.84	63	338581	51.827	ug/l	100
25) 2-Butanone	6.84	43	725940	268.044	ug/l	99
26) 2,2-Dichloropropane	6.82	77	244058	53.713	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	211871	51.596	ug/l	100
28) Bromochloromethane	7.19	49	162282	50.221	ug/l	98
29) Tetrahydrofuran	7.21	42	428687	259.019	ug/l	99
30) Chloroform	7.37	83	328992	51.035	ug/l	99
31) Cyclohexane	7.65	56	305324	48.410	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	270297	52.898	ug/l	100
36) 1,1-Dichloropropene	7.79	75	248516	49.547	ug/l	100
37) Ethyl Acetate	6.93	43	259332	52.611	ug/l	99
38) Carbon Tetrachloride	7.77	117	225173	51.336	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	303918	49.105	ug/l	99
40) Benzene	8.04	78	773645	50.144	ug/l	98
41) Methacrylonitrile	7.17	41	111839	51.382	ug/l	94
42) 1,2-Dichloroethane	8.12	62	249030	48.908	ug/l	98
43) Isopropyl Acetate	8.17	43	406953	53.541	ug/l	100
44) Trichloroethene	8.83	130	206625	49.716	ug/l	100
45) 1,2-Dichloropropane	9.12	63	211340	51.219	ug/l	98
46) Dibromomethane	9.21	93	132850	51.463	ug/l	99
47) Bromodichloromethane	9.40	83	244286	53.356	ug/l	99
48) Methyl methacrylate	9.20	41	195495	51.326	ug/l	99
49) 1,4-Dioxane	9.20	88	78561	993.905	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1281065	261.133	ug/l	100
52) Toluene	10.16	92	482484	51.150	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	265103	49.731	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	304635	55.253	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	197812	52.172	ug/l	99
56) Ethyl methacrylate	10.43	69	296575	53.523	ug/l	99
57) 1,3-Dichloropropane	10.71	76	330845	51.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	516870	259.651	ug/l	99
59) 2-Hexanone	10.75	43	929098	257.682	ug/l	100
60) Dibromochloromethane	10.90	129	195490	50.154	ug/l	99
61) 1,2-Dibromoethane	11.00	107	201610	52.062	ug/l	98
64) Tetrachloroethene	10.63	164	198699	48.723	ug/l	100
65) Chlorobenzene	11.43	112	519479	50.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	186597	53.356	ug/l	99
67) Ethyl Benzene	11.51	91	908556	50.006	ug/l	100
68) m/p-Xylenes	11.62	106	681915	102.413	ug/l	100
69) o-Xylene	11.95	106	332407	50.461	ug/l	100
70) Styrene	11.96	104	561319	53.309	ug/l	99
71) Bromoform	12.13	173	137338	48.762	ug/l #	100
73) Isopropylbenzene	12.25	105	884968	55.666	ug/l	99
74) N-amyl acetate	12.07	43	328973	48.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	269788	54.812	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	234190m	53.068	ug/l	
77) Bromobenzene	12.53	156	229219	48.168	ug/l	99
78) n-propylbenzene	12.59	91	970374	49.789	ug/l	100
79) 2-Chlorotoluene	12.67	91	585941	55.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	732523	54.912	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	67833	54.632	ug/l	95
82) 4-Chlorotoluene	12.77	91	564217	49.030	ug/l	99
83) tert-Butylbenzene	12.99	119	642151	55.313	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	710645	49.600	ug/l	100
85) sec-Butylbenzene	13.17	105	836244	48.817	ug/l	100
86) p-Isopropyltoluene	13.29	119	736679	50.110	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	369227	51.198	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	351954	50.391	ug/l	99
89) n-Butylbenzene	13.61	91	566725	50.922	ug/l	100
90) Hexachloroethane	13.87	117	119788	52.264	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	357914	50.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41927	53.242	ug/l	97

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QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

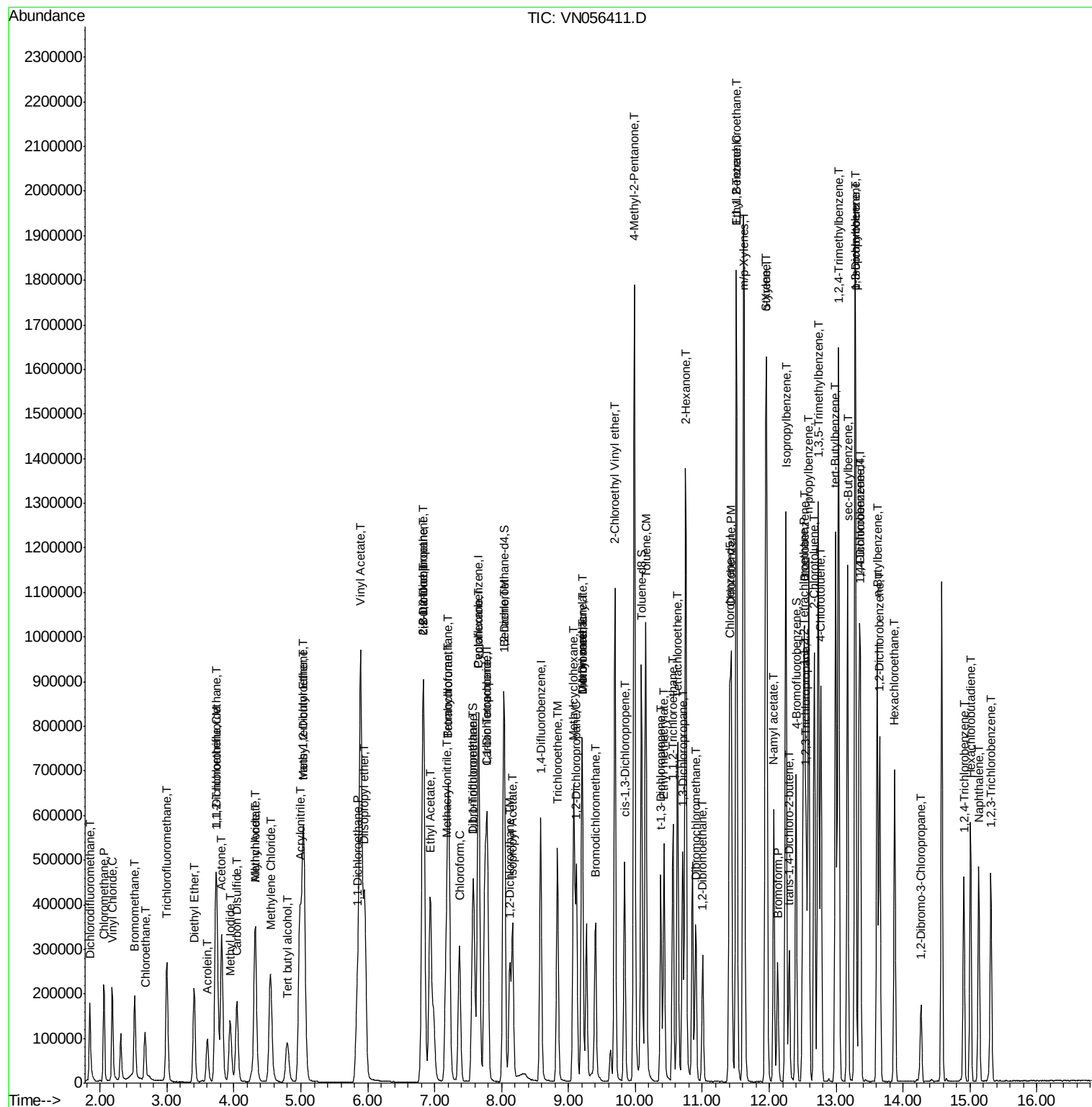
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	159480	43.609	ug/l	98
94) Hexachlorobutadiene	15.01	225	124542	51.415	ug/l	100
95) Naphthalene	15.13	128	438424	45.544	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	174898	45.721	ug/l	99

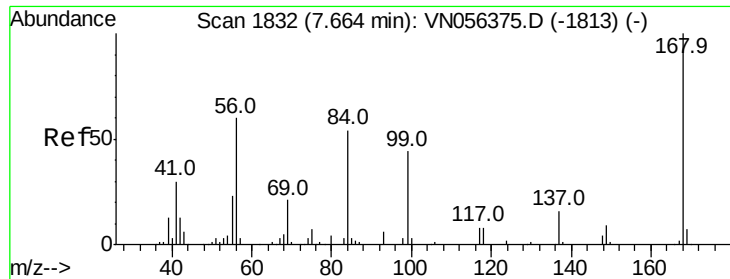
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

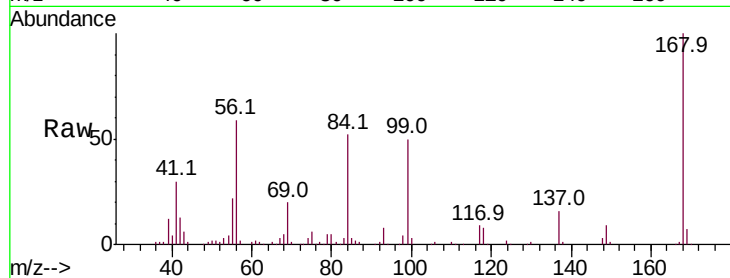
VSTDCCC050

Tot Ion:168 Resp: 368517

Ion Ratio Lower Upper

168 100

99 49.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056411.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056411.D (-1739) (-)

7.66

150000

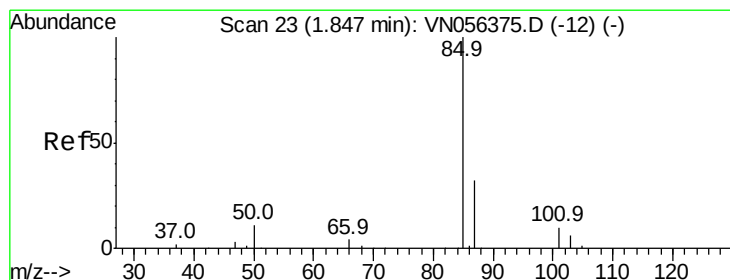
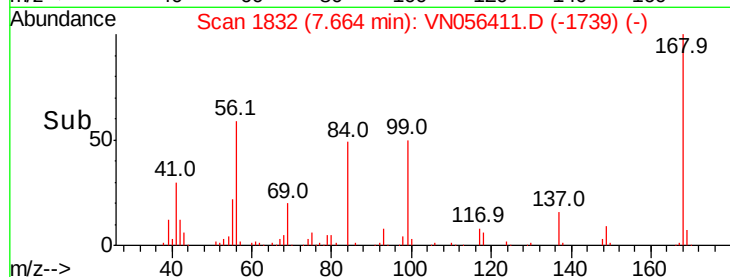
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 51.484 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056411.D

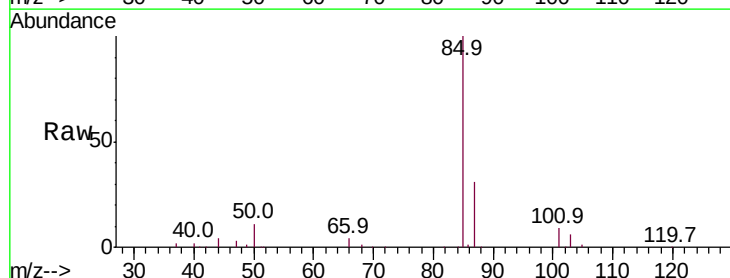
Acq: 21 Jun 2019 9:12

Tgt Ion: 85 Resp: 160651

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056411.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN056411.D (-1) (-)

1.85

100000

80000

60000

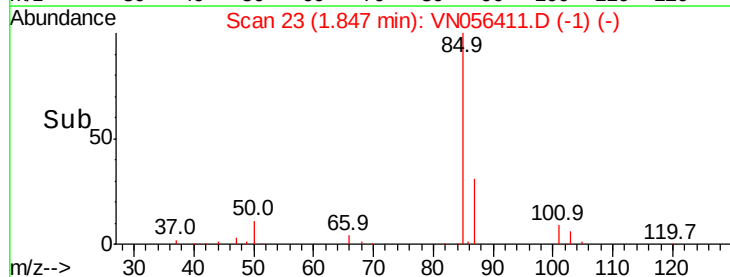
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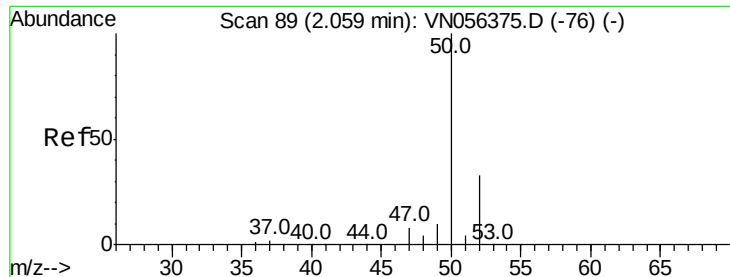
20000

0

1.80 1.90 2.00

Time-->

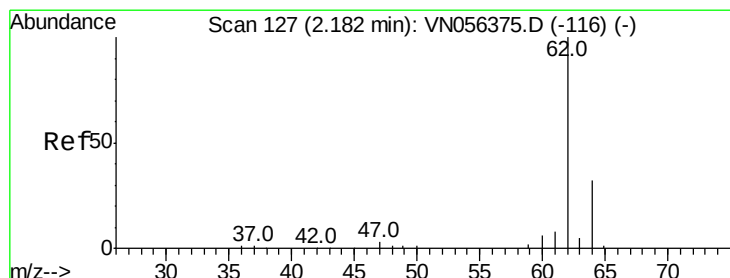
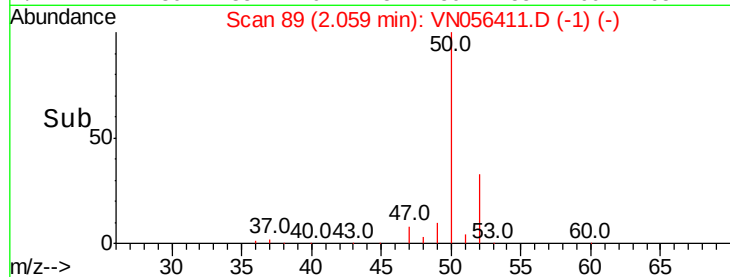
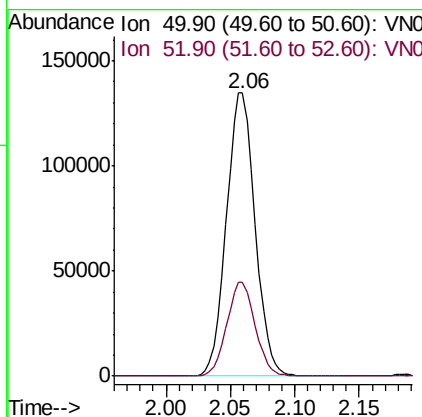
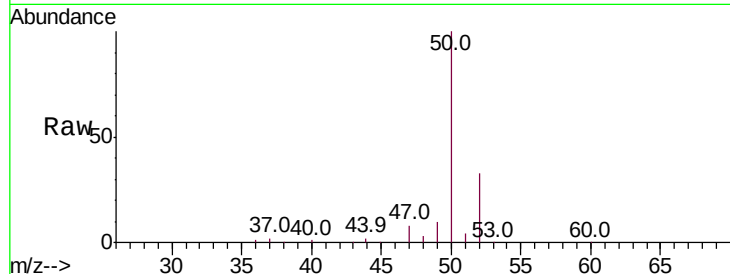




#3
Chloromethane
Concen: 48.798 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

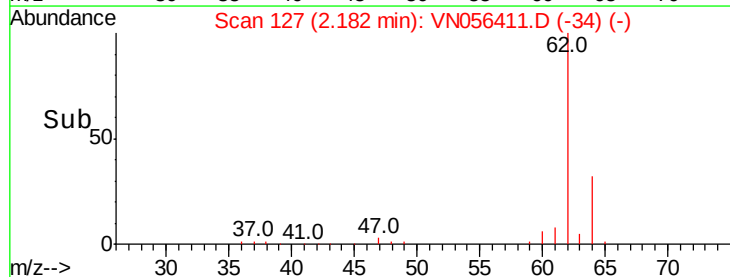
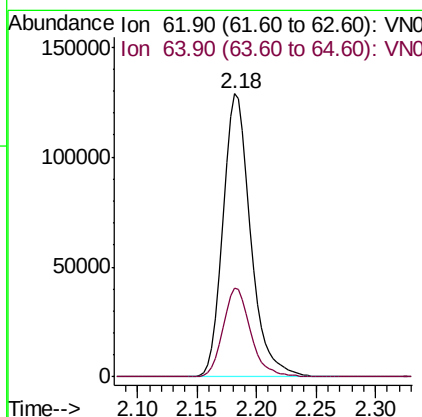
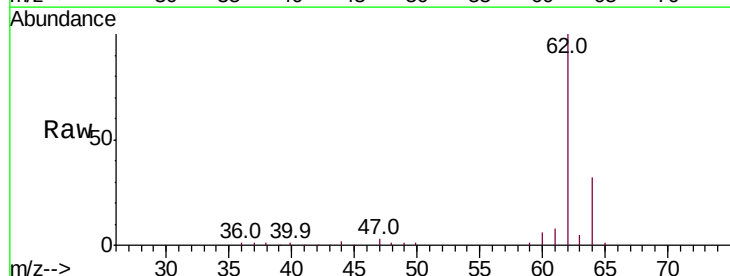
Instrument :
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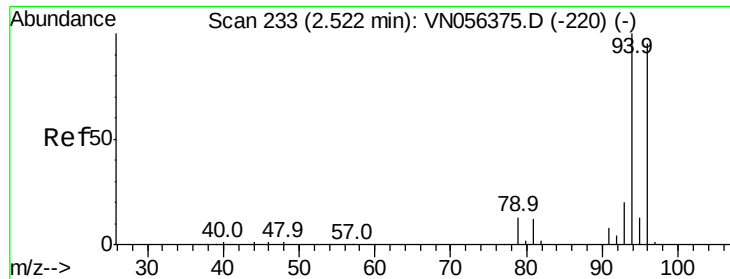
Tot Ion: 50 Resp: 207334
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 50.543 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 62 Resp: 207410
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5

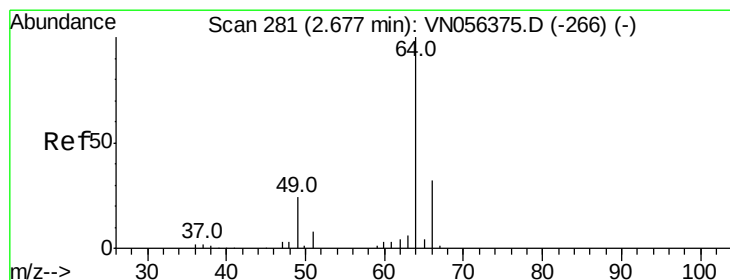
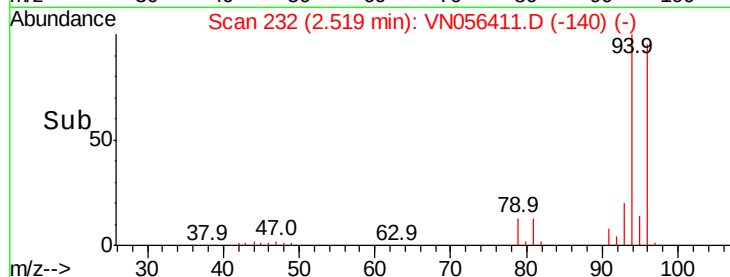
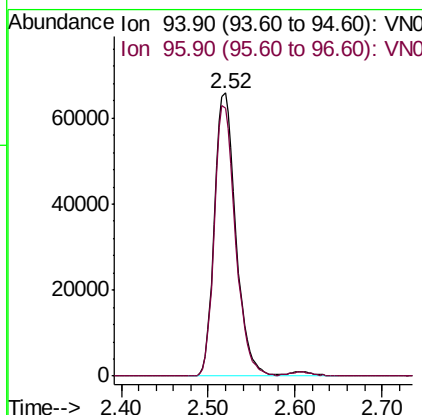
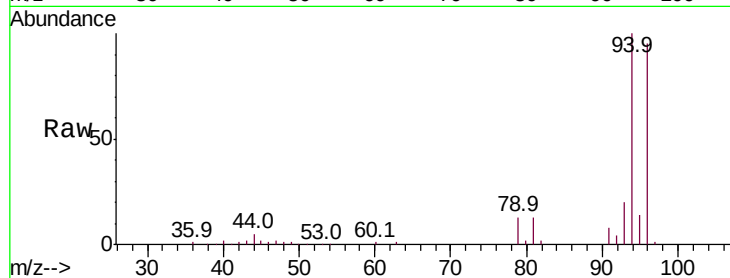




#5
Bromomethane
Concen: 47.815 ug/l m
RT: 2.52 min Scan# 232
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

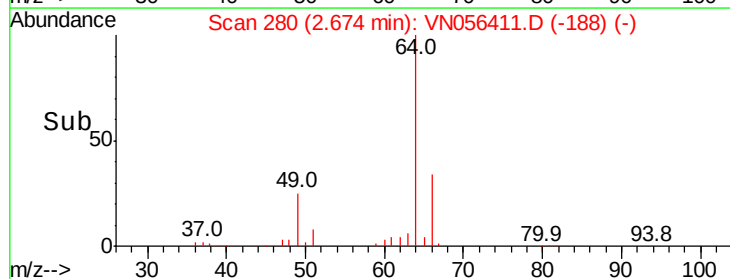
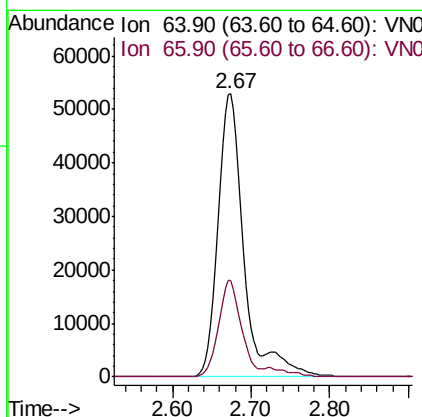
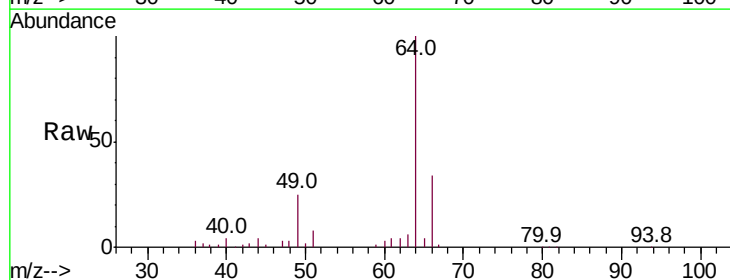
Instrument :
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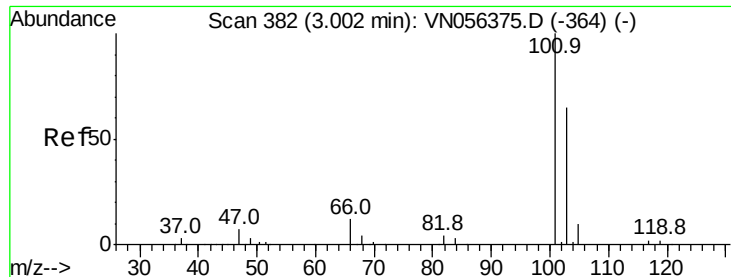
Tot Ion: 94 Resp: 115031
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0



#6
Chloroethane
Concen: 50.641 ug/l m
RT: 2.67 min Scan# 280
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 64 Resp: 120347
Ion Ratio Lower Upper
64 100
66 33.9 25.8 38.8



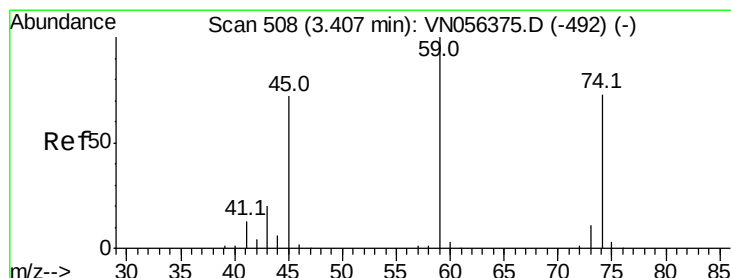
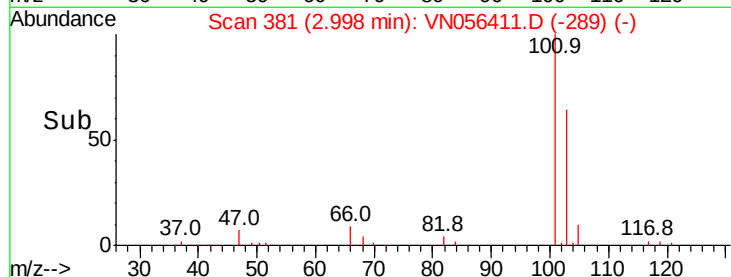
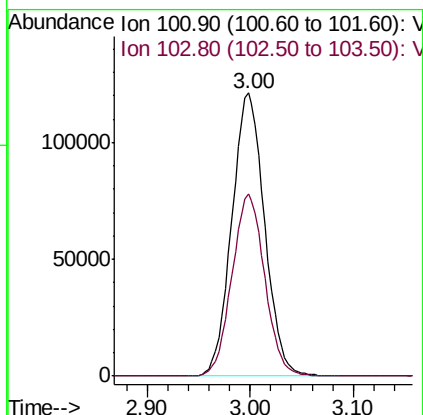
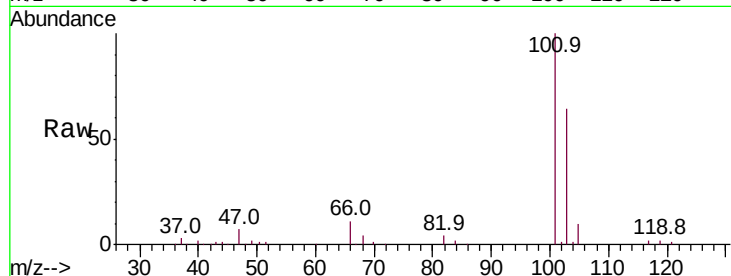


#7

Trichlorofluoromethane
Concen: 50.495 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Instrument :
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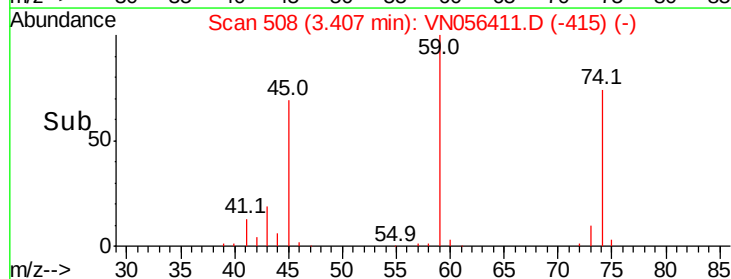
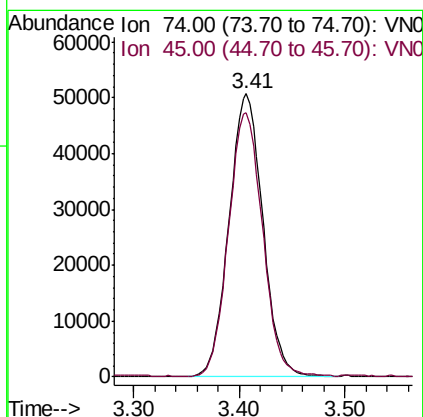
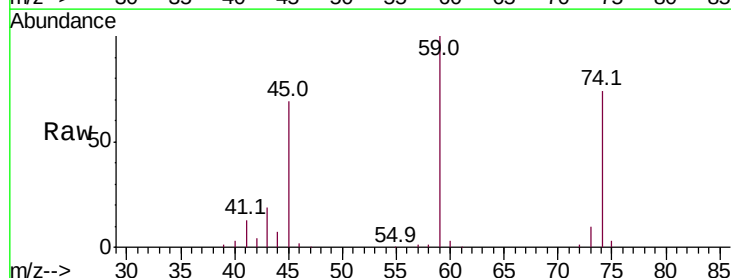
Tot Ion:101 Resp: 268045
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

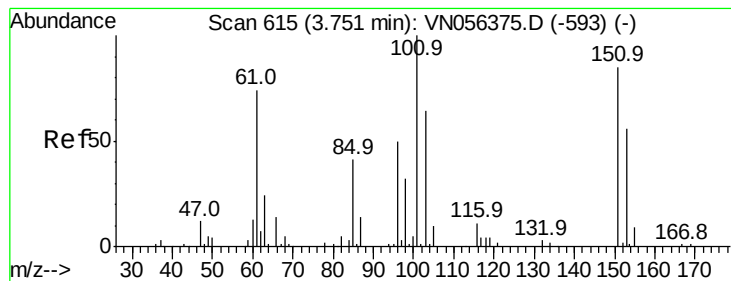


#8

Diethyl Ether
Concen: 50.218 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 74 Resp: 112818
Ion Ratio Lower Upper
74 100
45 93.3 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.040 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

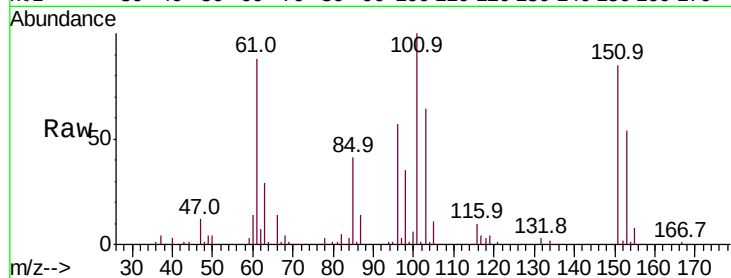
Tot Ion:101 Resp: 169395

Ion Ratio Lower Upper

101 100

85 41.1 32.7 49.1

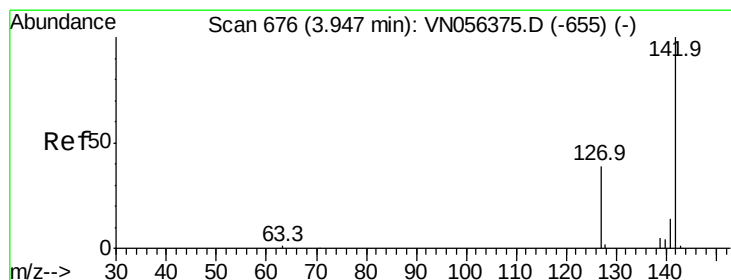
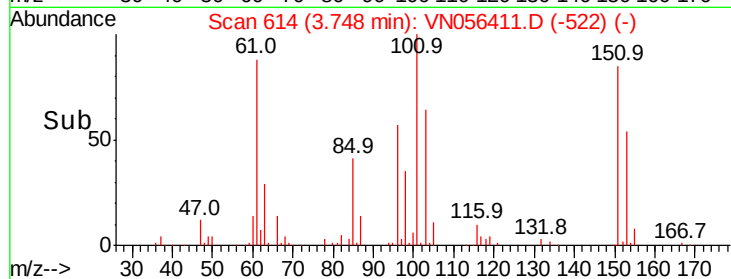
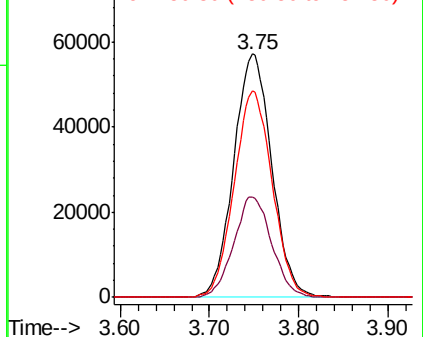
151 85.0 66.8 100.2



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: 54.060 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

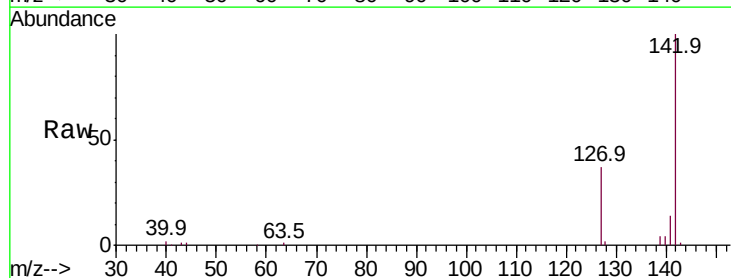
Tgt Ion:142 Resp: 247340

Ion Ratio Lower Upper

142 100

127 37.8 30.6 46.0

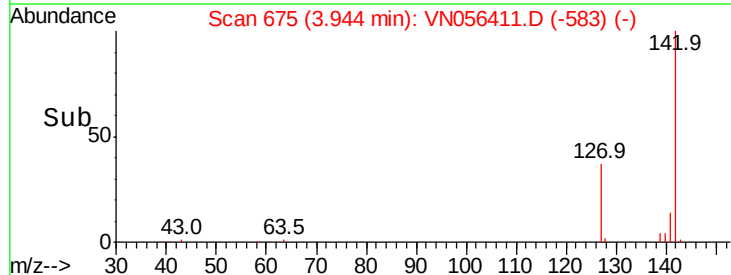
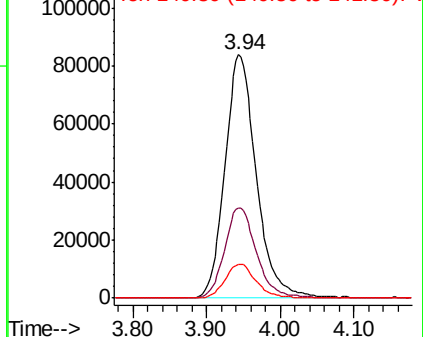
141 13.8 11.4 17.2

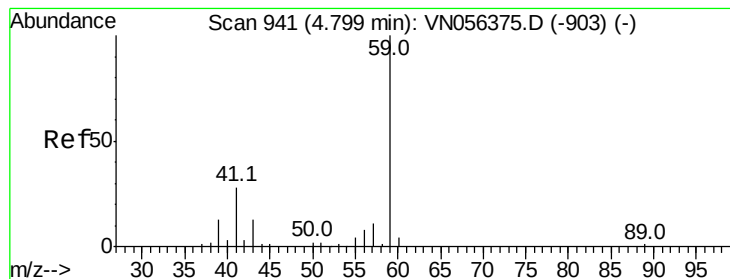


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



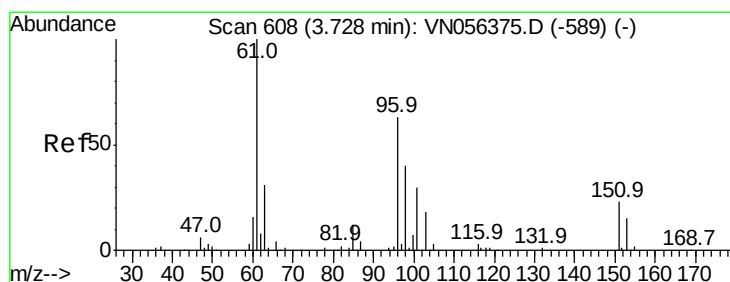
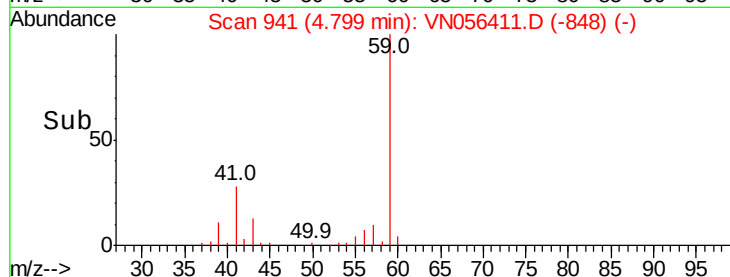
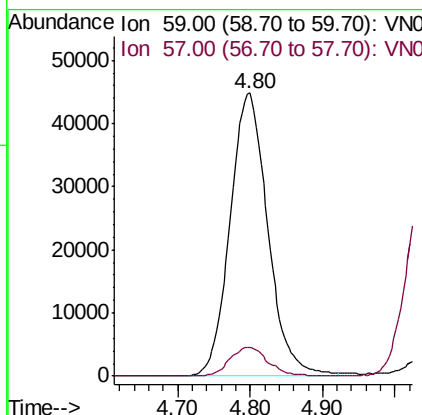
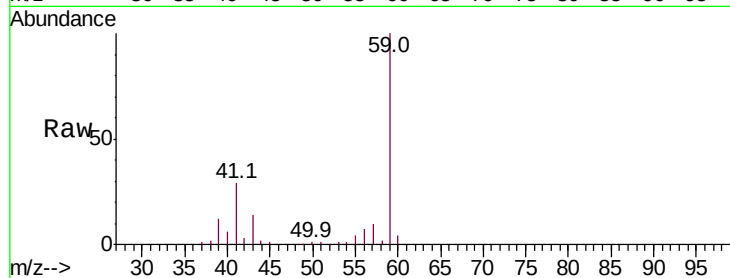


#11

Tert butyl alcohol
 Concen: 236.204 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

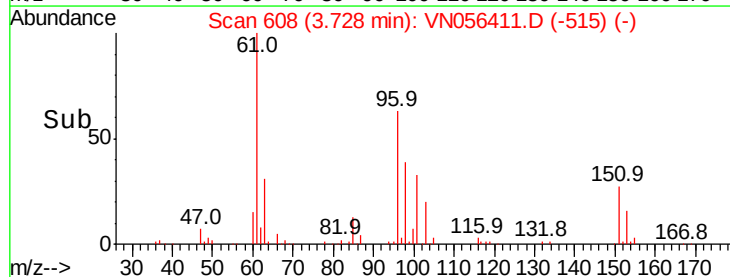
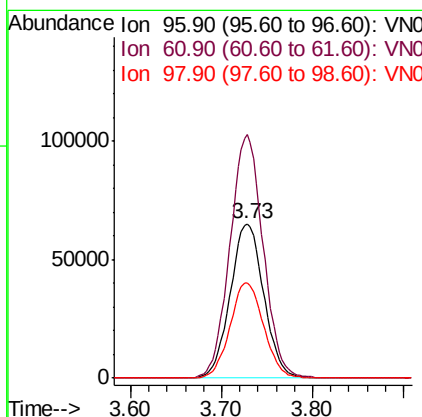
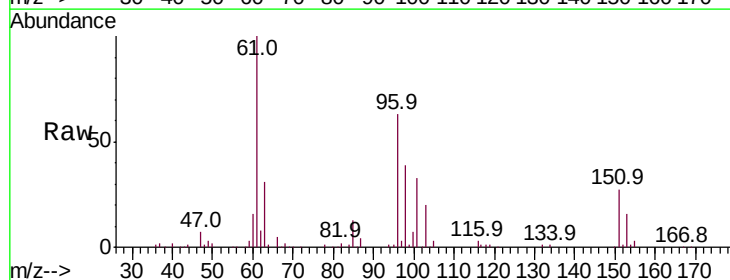
Tot Ion: 59 Resp: 162485
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.6 11.4

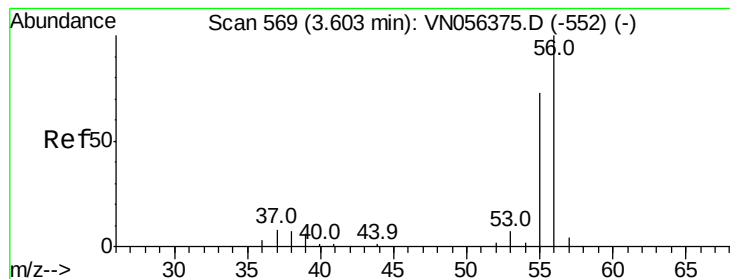


#12

1,1-Dichloroethene
 Concen: 51.165 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 96 Resp: 166562
 Ion Ratio Lower Upper
 96 100
 61 157.9 126.6 190.0
 98 61.6 51.1 76.7





#13

Acrolein

Concen: 197.744 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

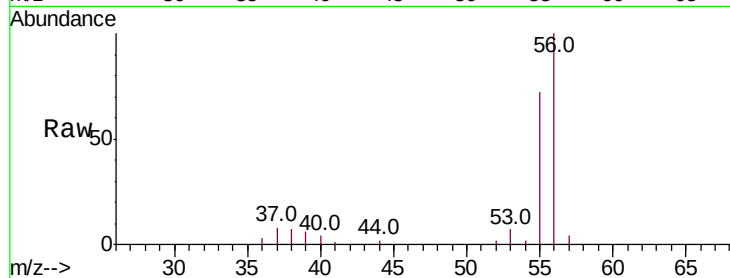
VSTDCCC050

Tot Ion: 56 Resp: 114647

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

50000

40000

30000

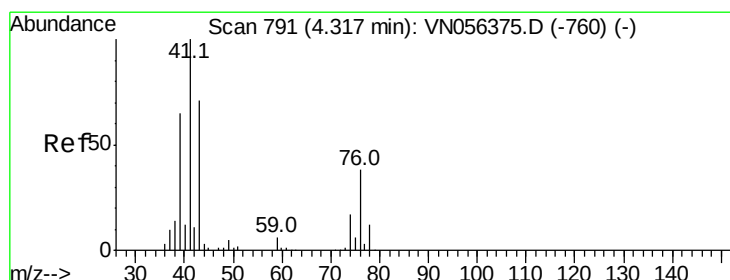
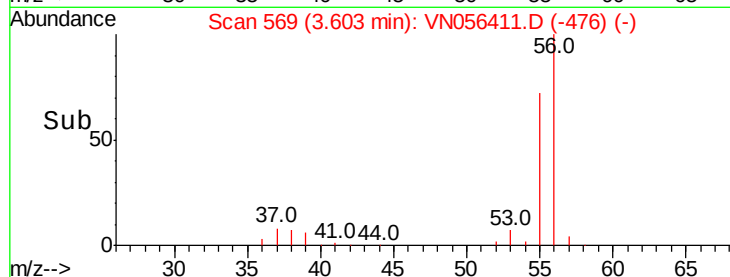
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 52.899 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

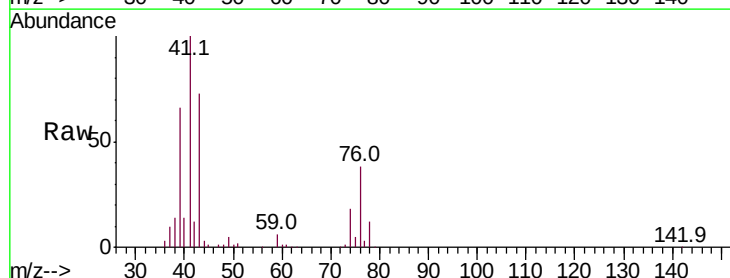
Tgt Ion: 41 Resp: 286664

Ion Ratio Lower Upper

41 100

39 59.9 48.6 73.0

76 33.3 26.6 40.0



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

120000

100000

80000

60000

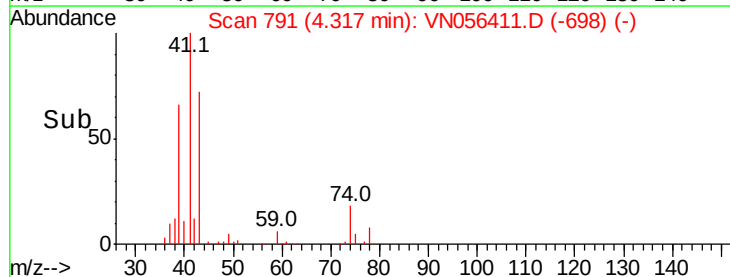
40000

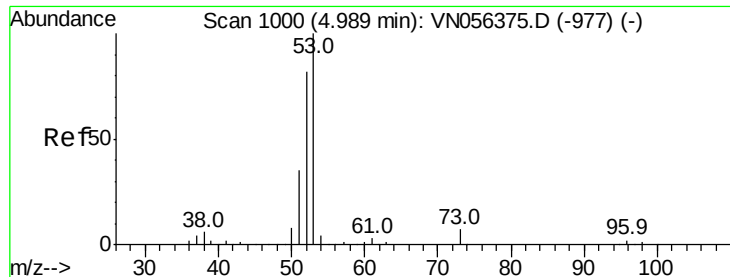
20000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 257.030 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

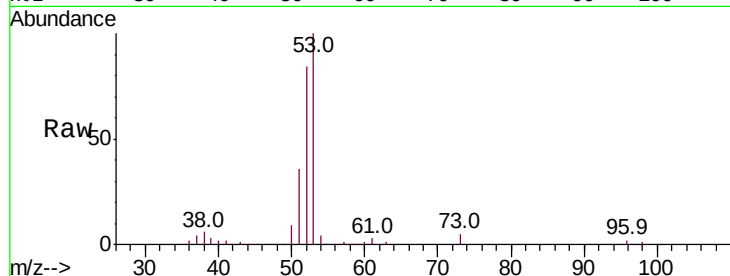
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 489149

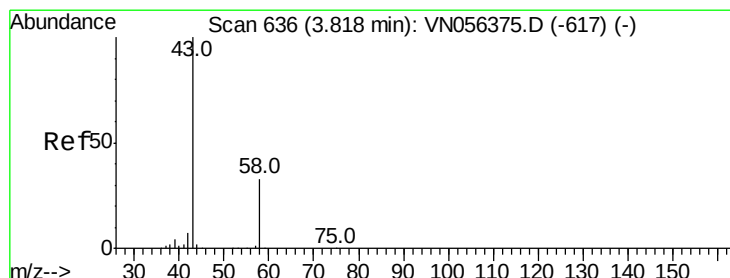
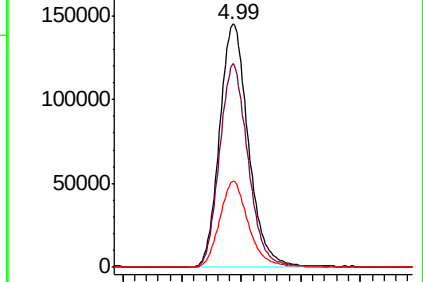
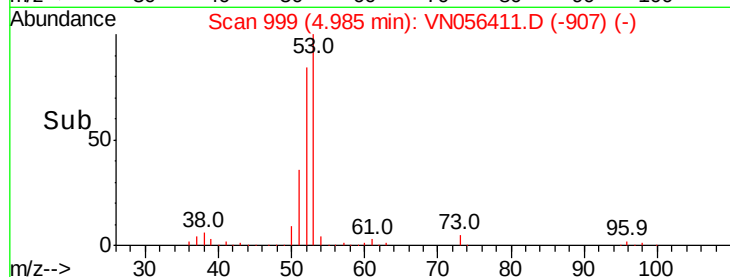
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.9	98.9
51	35.4	28.3	42.5



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: 267.052 ug/l

RT: 3.82 min Scan# 635

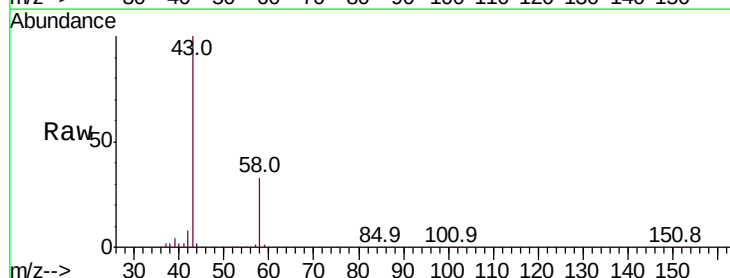
Delta R.T. -0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

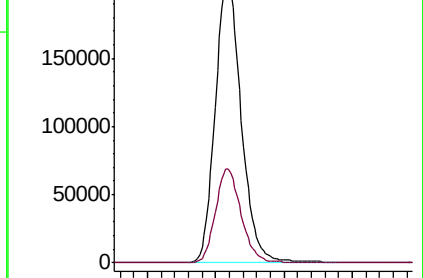
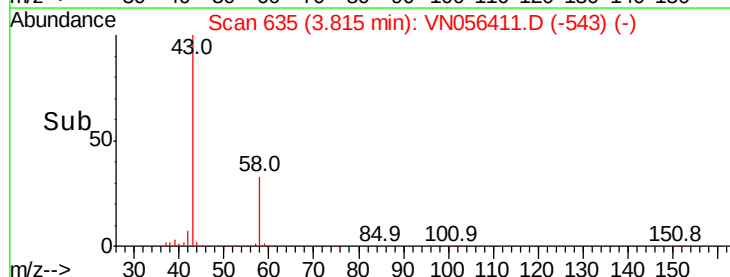
Tgt Ion: 43 Resp: 546467

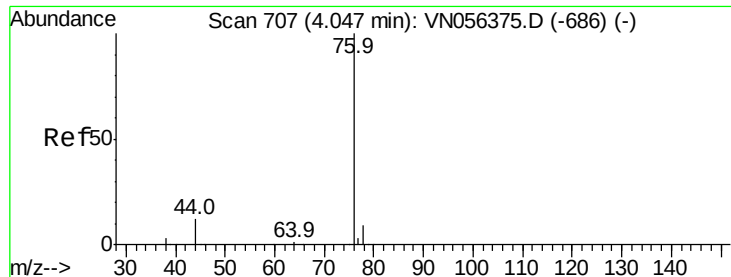
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.4	39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 50.735 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

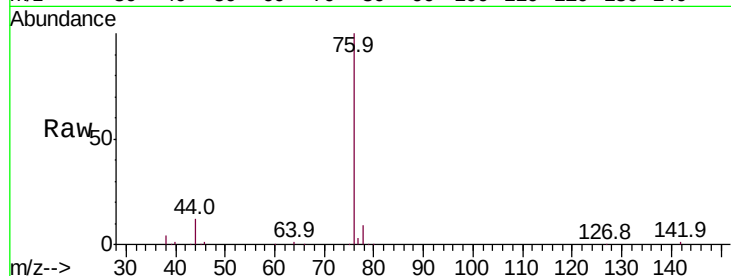
VSTDCCC050

Tot Ion: 76 Resp: 375666

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

150000

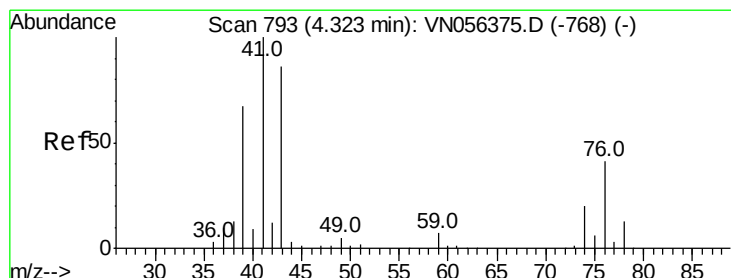
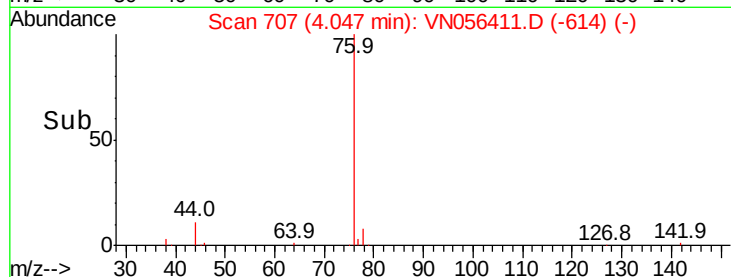
100000

50000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 50.581 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056411.D

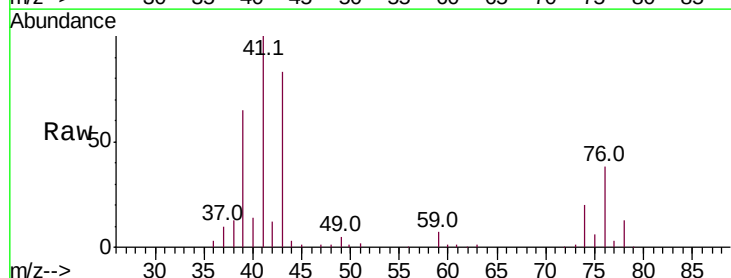
Acq: 21 Jun 2019 9:12

Tgt Ion: 43 Resp: 202682

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

80000

60000

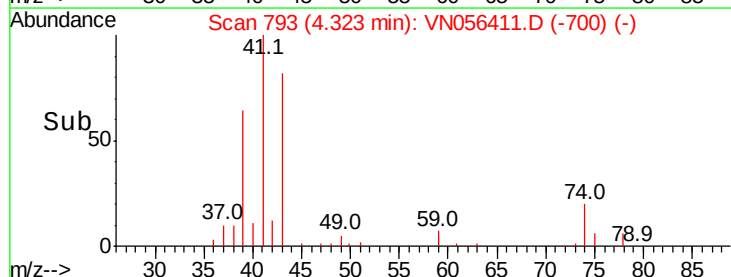
40000

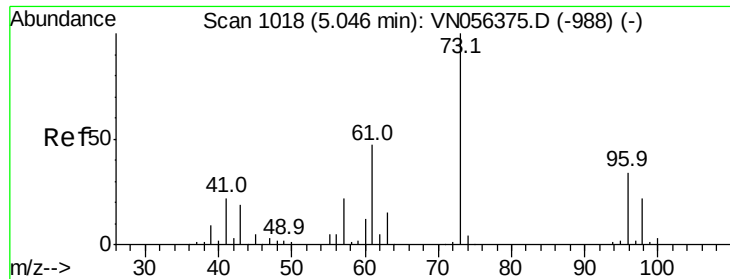
20000

0

Time-->

4.20 4.30 4.40 4.50

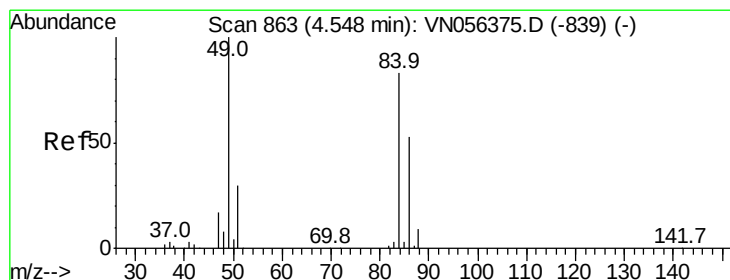
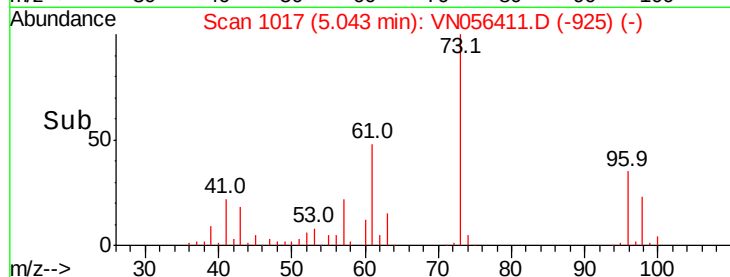
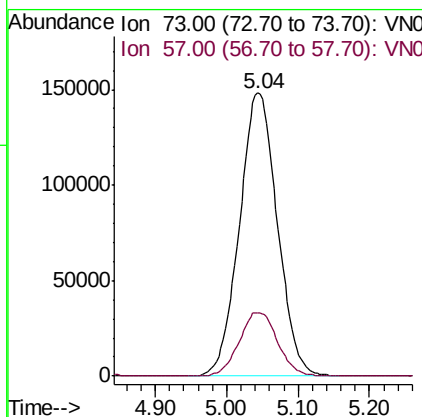
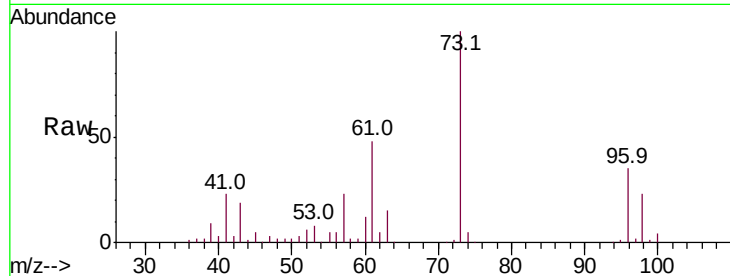




#19
Methyl tert-butyl Ether
Concen: 50.774 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

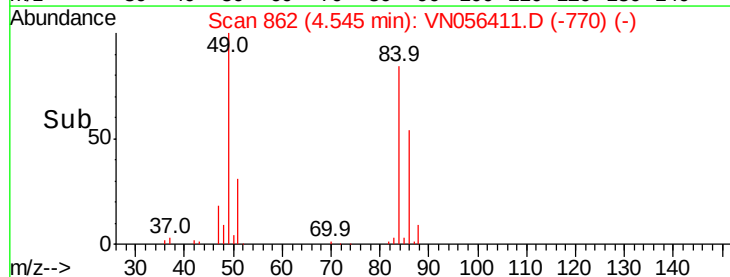
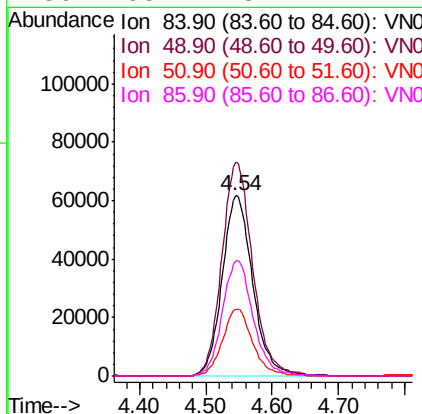
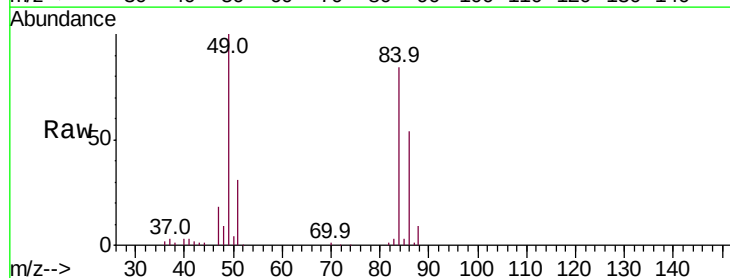
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

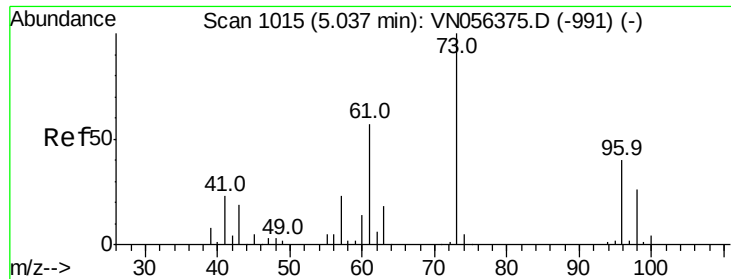
Tot Ion: 73 Resp: 546938
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 51.316 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 84 Resp: 197864
Ion Ratio Lower Upper
84 100
49 118.6 96.4 144.6
51 36.8 28.6 43.0
86 63.7 51.4 77.2

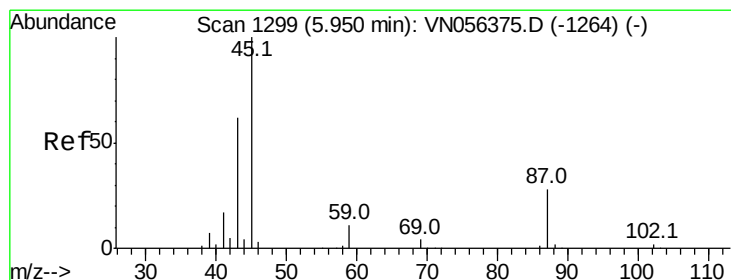
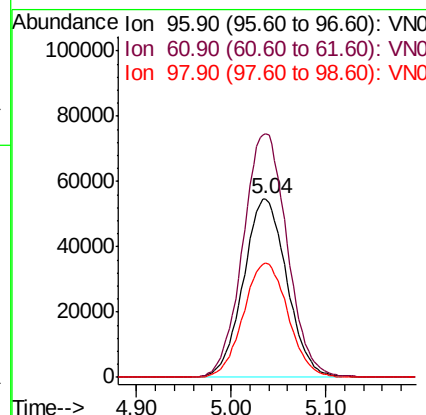
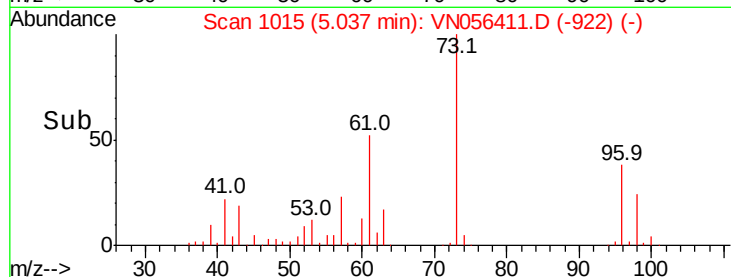
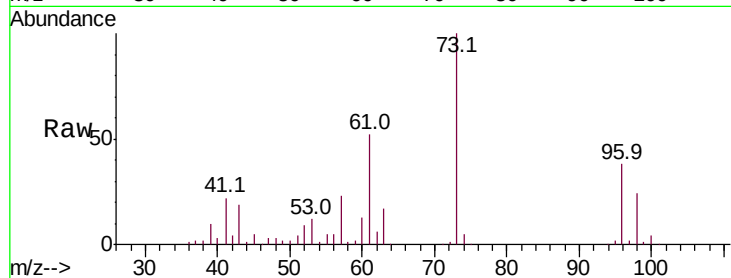




#21
trans-1,2-Dichloroethene
Concen: 49.725 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

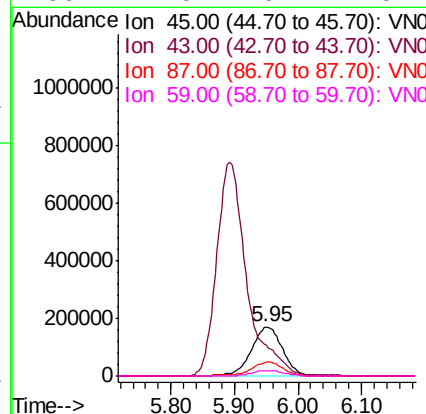
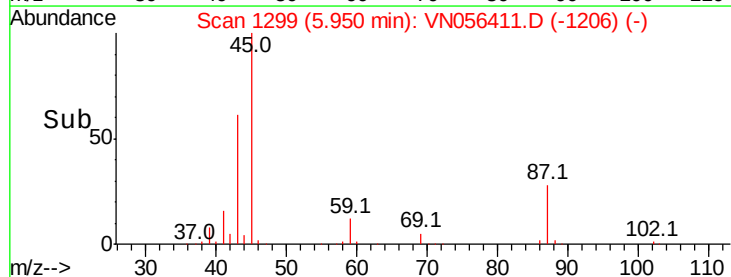
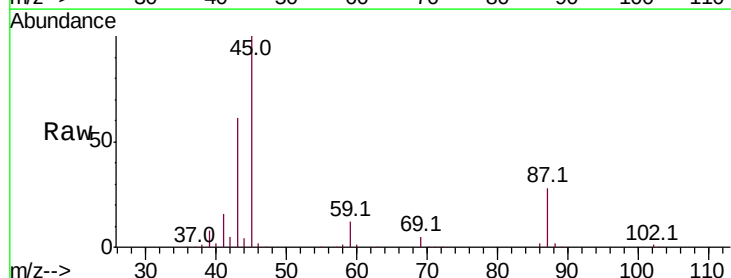
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

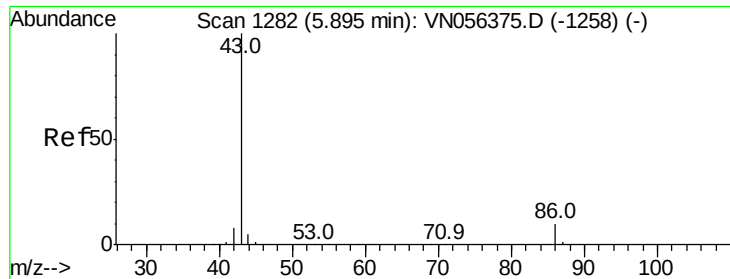
Tot Ion: 96 Resp: 174525
Ion Ratio Lower Upper
96 100
61 136.3 113.0 169.6
98 63.9 52.2 78.2



#22
Diisopropyl ether
Concen: 51.570 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 45 Resp: 586905
Ion Ratio Lower Upper
45 100
43 60.1 50.4 75.6
87 27.9 23.0 34.4
59 11.5 9.1 13.7

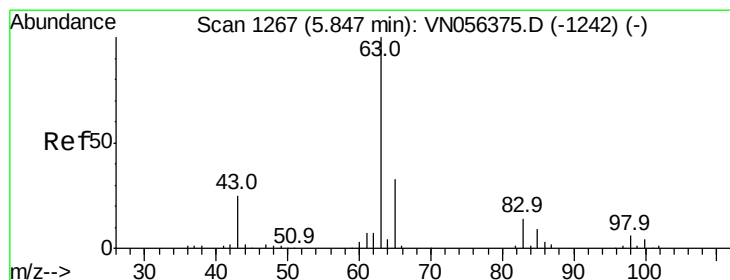
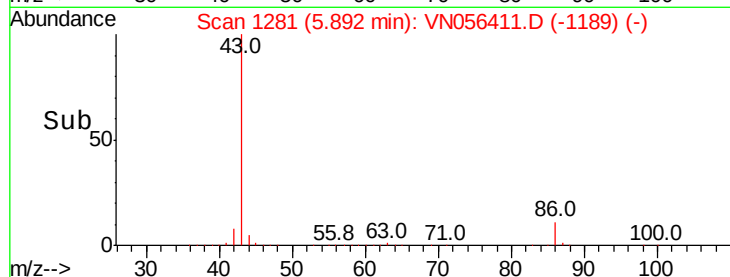
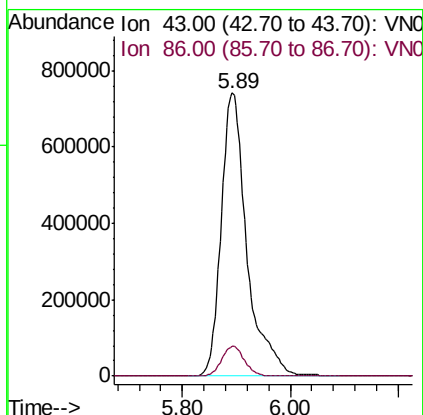
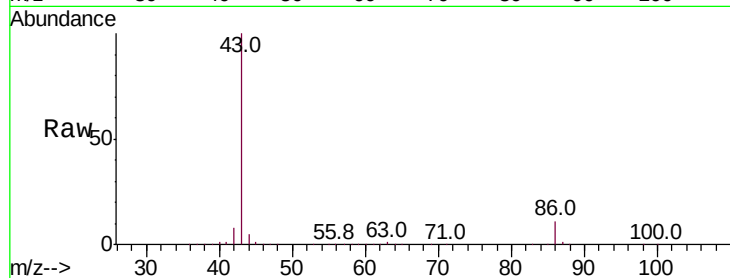




#23
 Vinyl Acetate
 Concen: 273.630 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

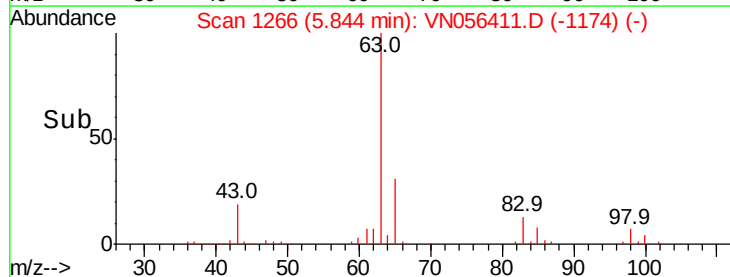
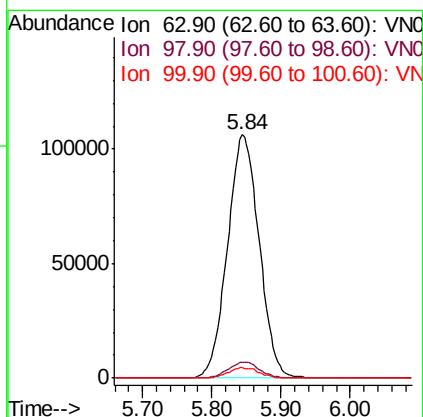
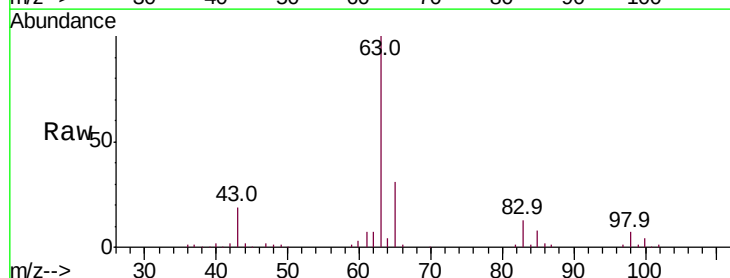
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

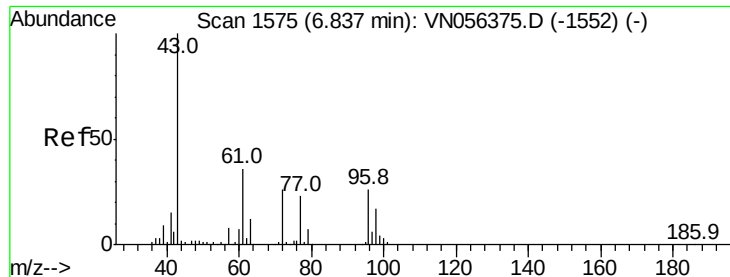
Tot Ion: 43 Resp: 2456217
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.827 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 63 Resp: 338581
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 268.044 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

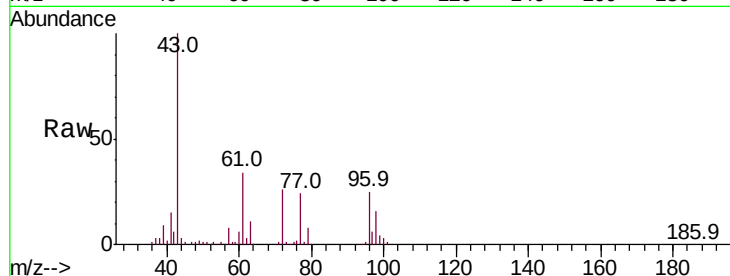
VSTDCCC050

Tot Ion: 43 Resp: 725940

Ion Ratio Lower Upper

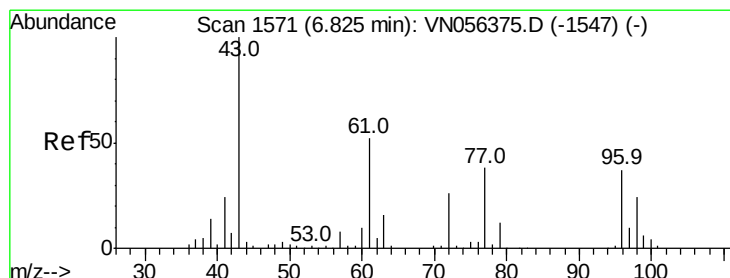
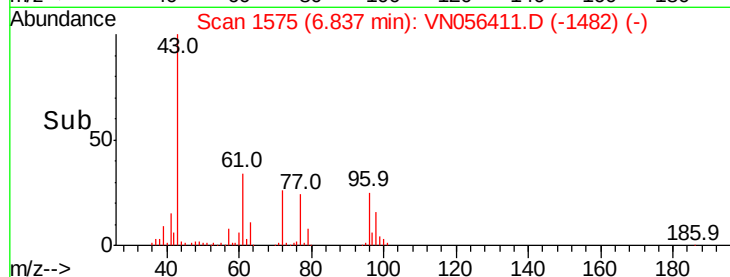
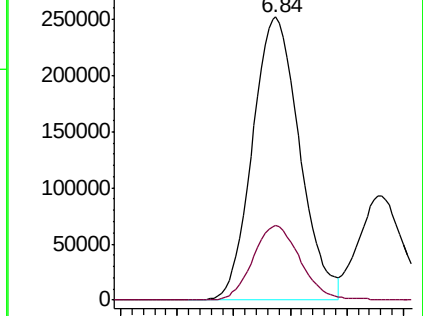
43 100

72 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 53.713 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056411.D

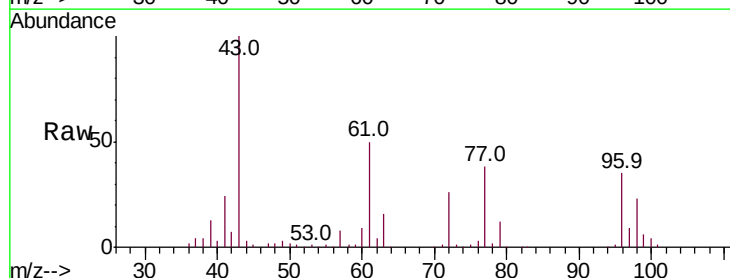
Acq: 21 Jun 2019 9:12

Tgt Ion: 77 Resp: 244058

Ion Ratio Lower Upper

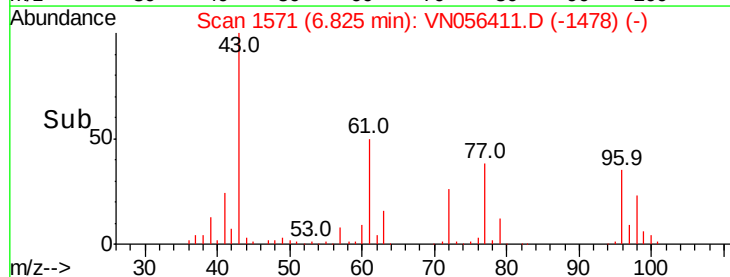
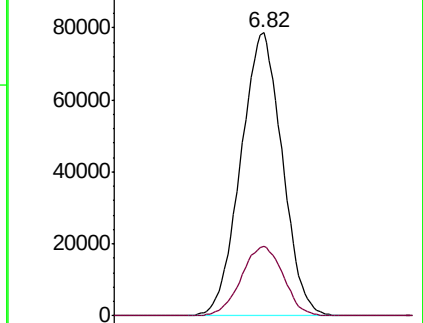
77 100

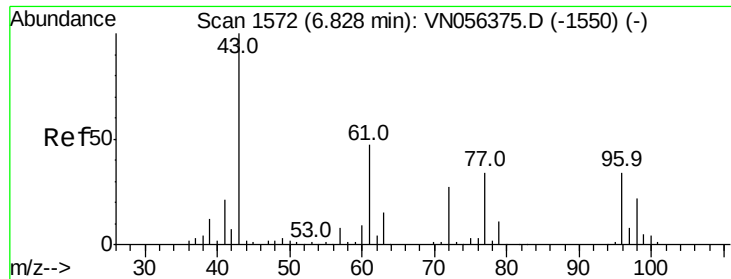
97 24.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 51.596 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

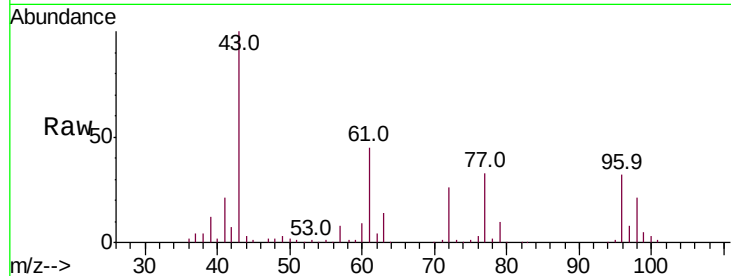
Tot Ion: 96 Resp: 211871

Ion Ratio Lower Upper

96 100

61 139.9 0.0 279.8

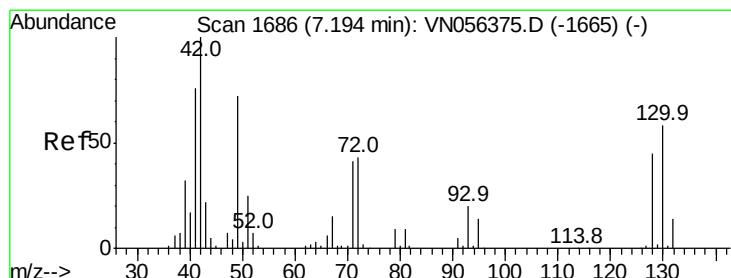
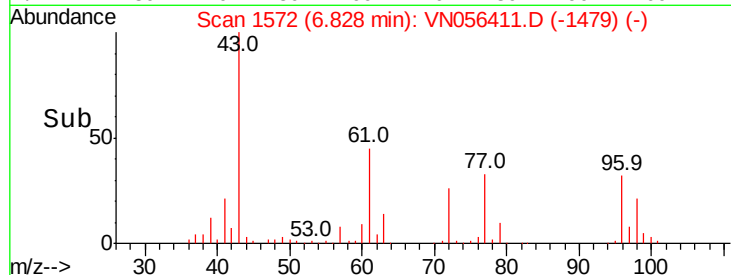
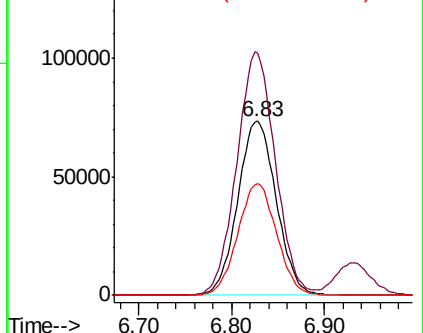
98 64.9 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.221 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

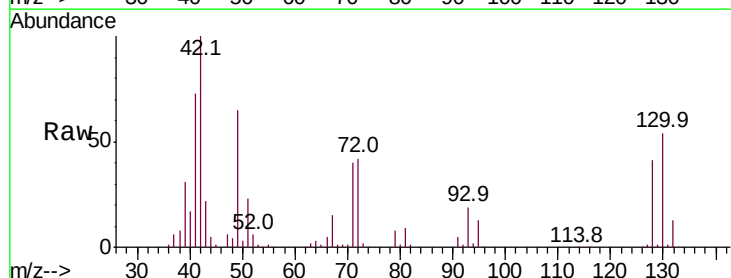
Tgt Ion: 49 Resp: 162282

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

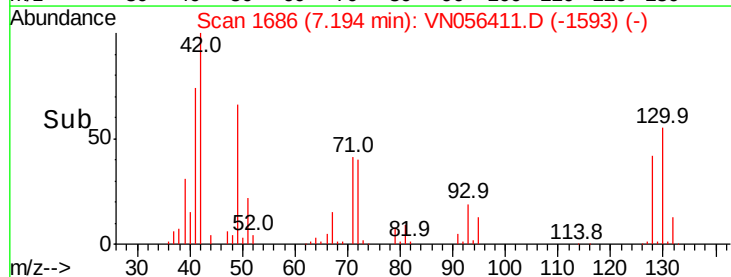
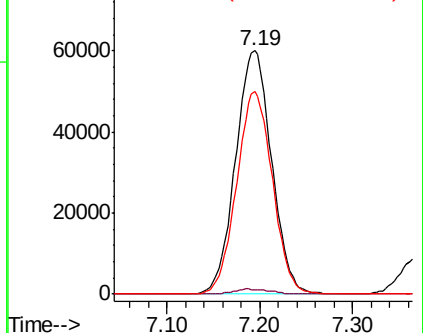
130 82.6 64.9 97.3

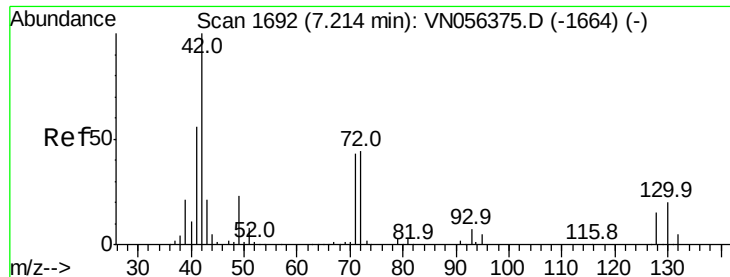


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 259.019 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

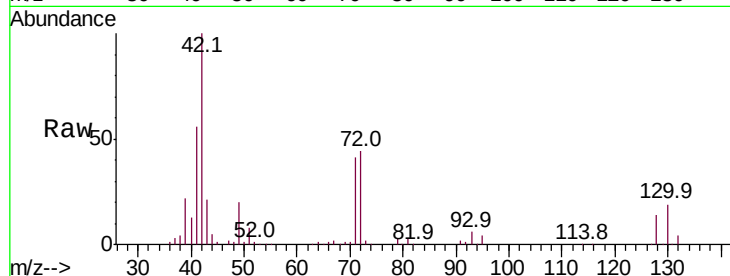
Tot Ion: 42 Resp: 428687

Ion Ratio Lower Upper

42 100

72 42.8 34.7 52.1

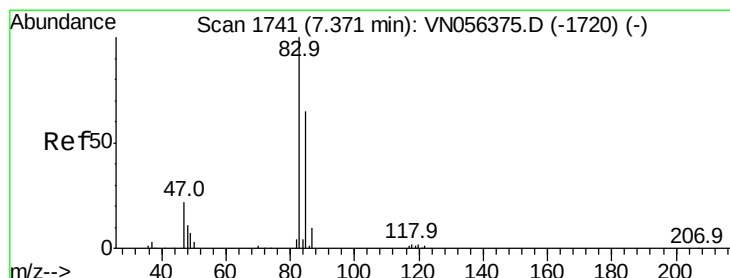
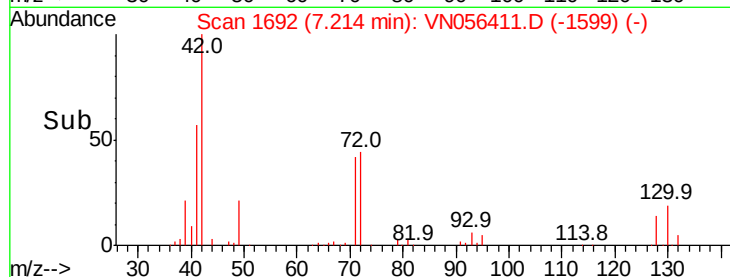
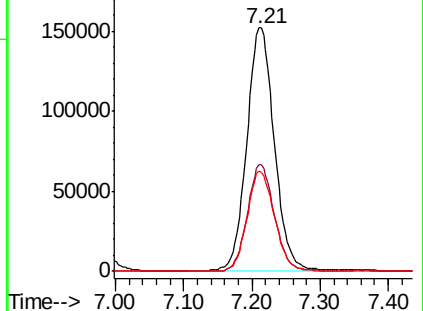
71 40.6 33.0 49.6



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: 51.035 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056411.D

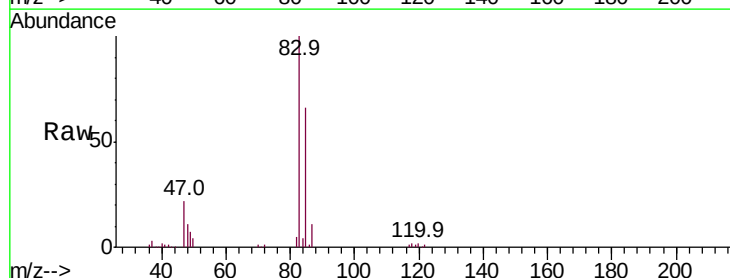
Acq: 21 Jun 2019 9:12

Tgt Ion: 83 Resp: 328992

Ion Ratio Lower Upper

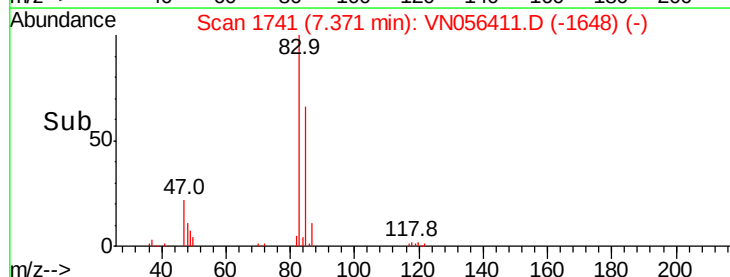
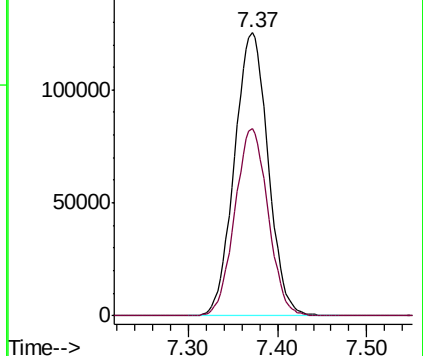
83 100

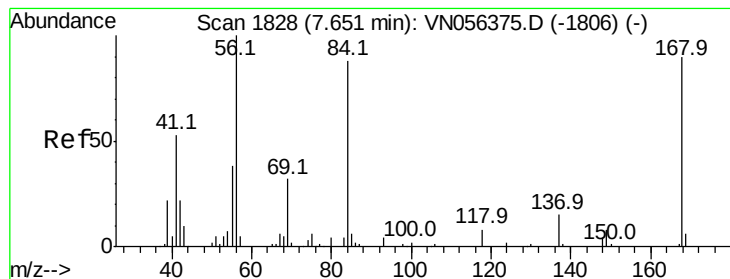
85 66.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.410 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

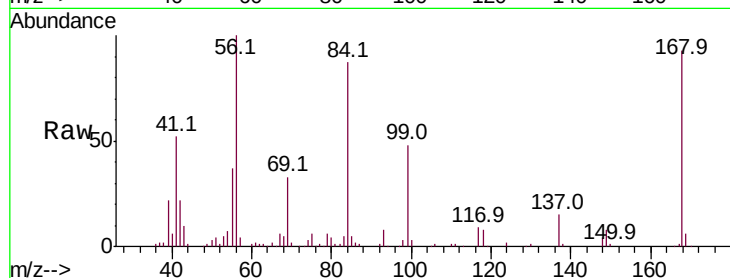
Tot Ion: 56 Resp: 305324

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.6

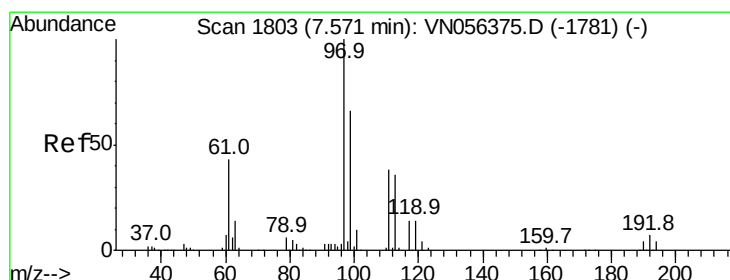
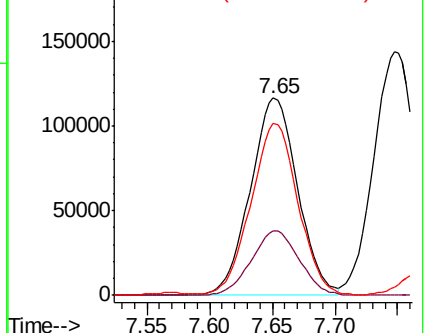
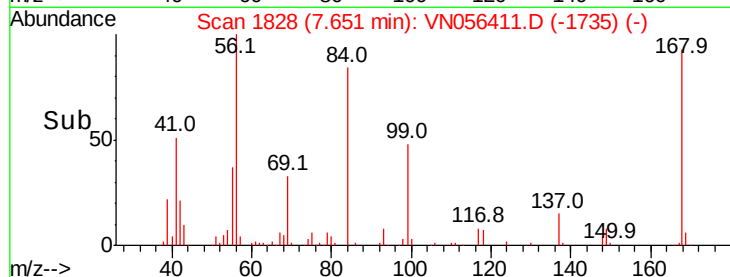
84 86.1 69.4 104.0



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: 52.898 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

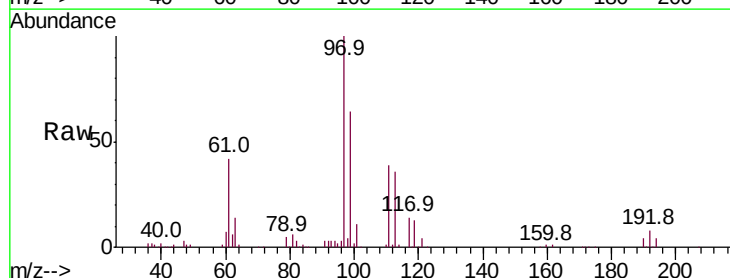
Tgt Ion: 97 Resp: 270297

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

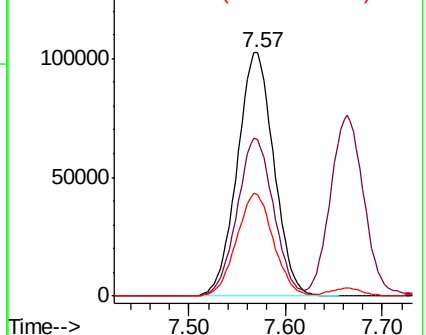
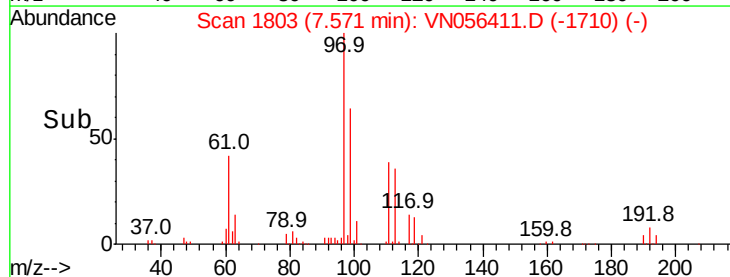
61 42.3 33.9 50.9

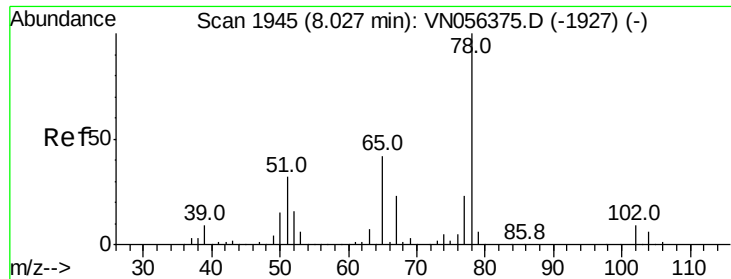


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

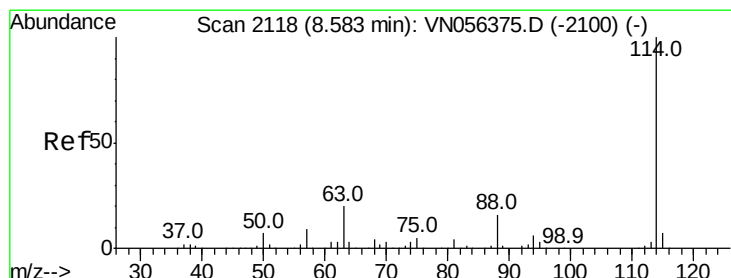
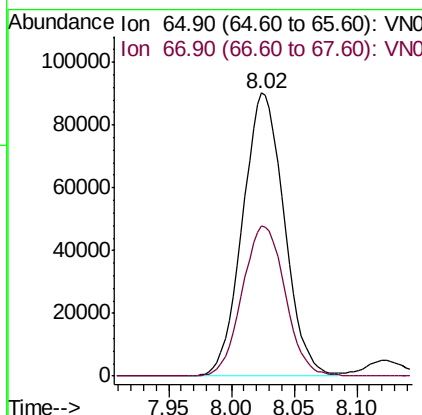
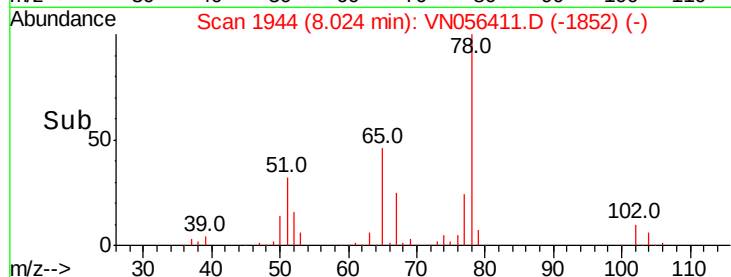
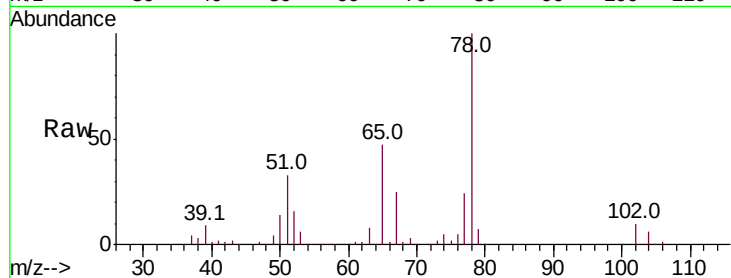




#33
 1,2-Dichloroethane-d4
 Concen: 51.079 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

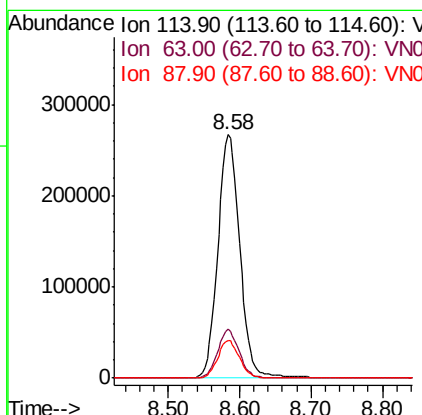
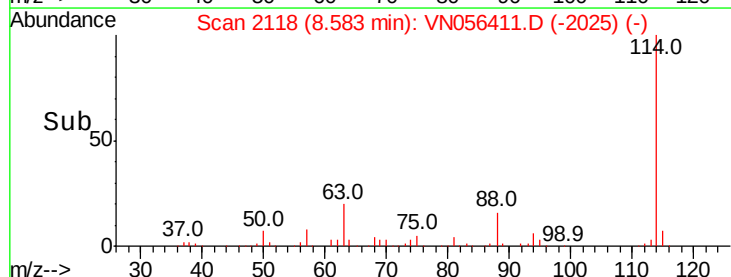
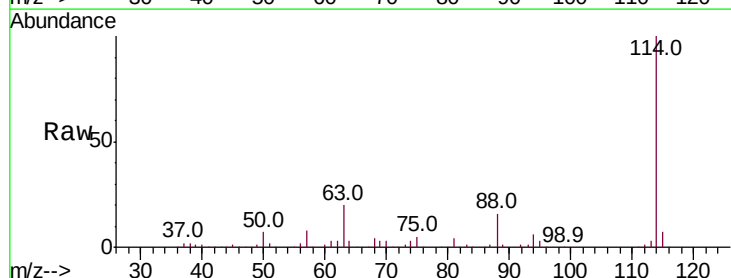
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

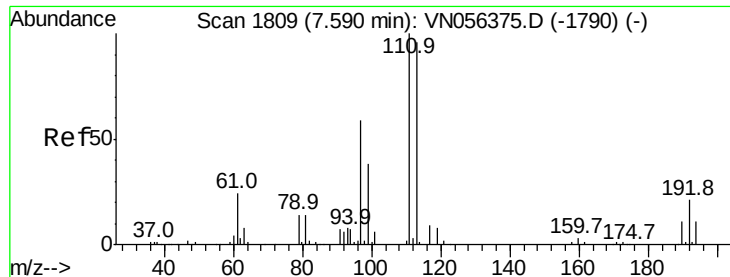
Tot Ion: 65 Resp: 208624
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 114 Resp: 569861
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.6 0.0 31.4

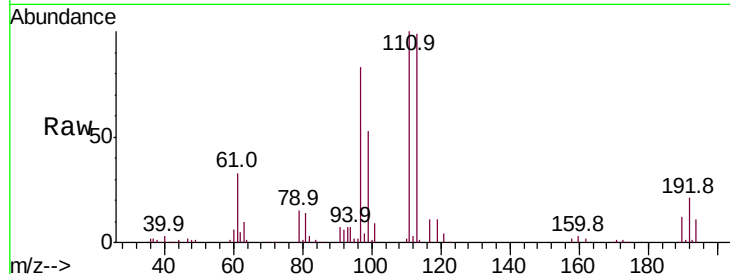




#35
 Dibromofluoromethane
 Concen: 51.539 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	22.4	17.7	26.5

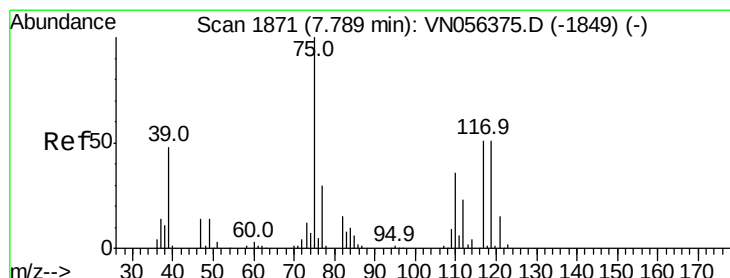
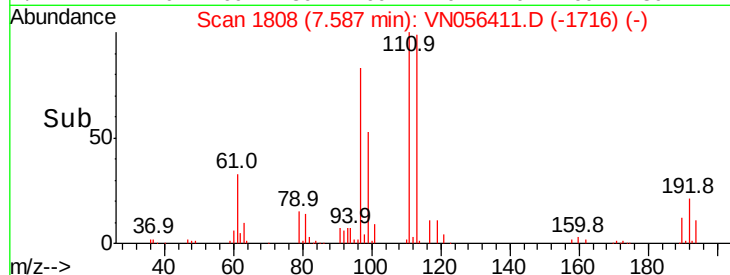
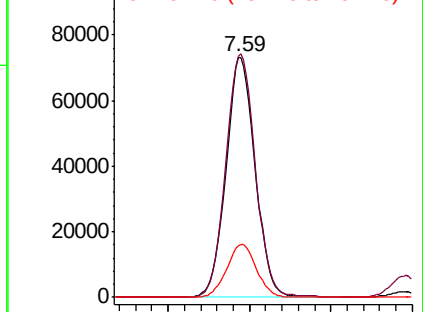


Abundance

Ion 112.80 (112.50 to 113.50): V

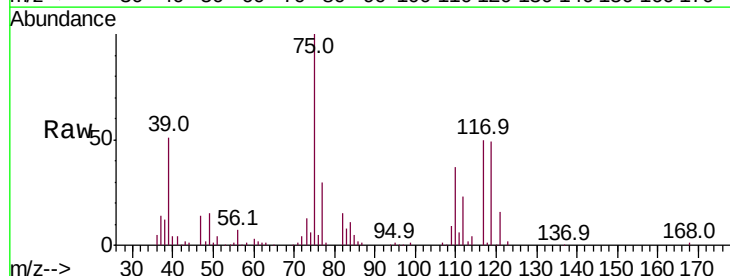
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.547 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.3
77	30.6	24.6	36.8

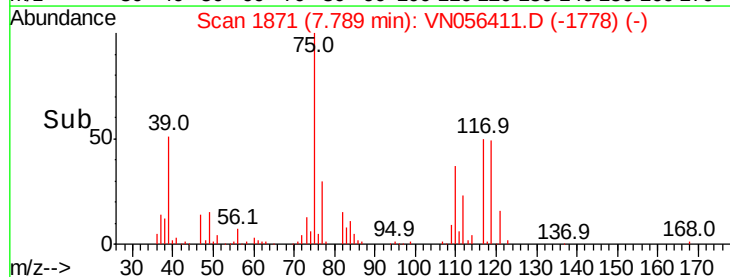
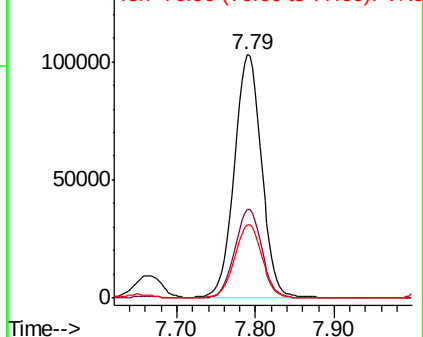


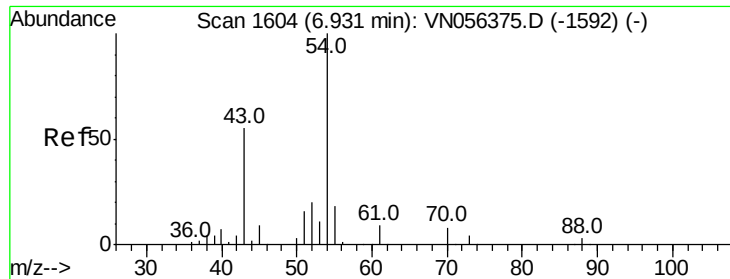
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

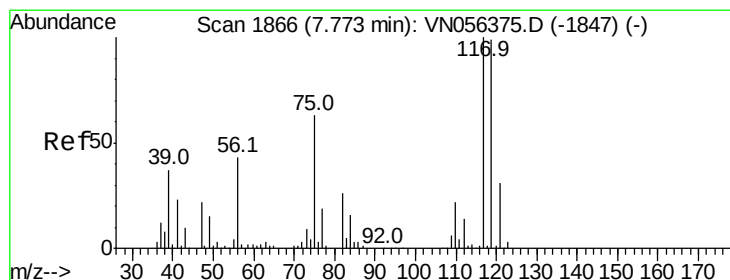
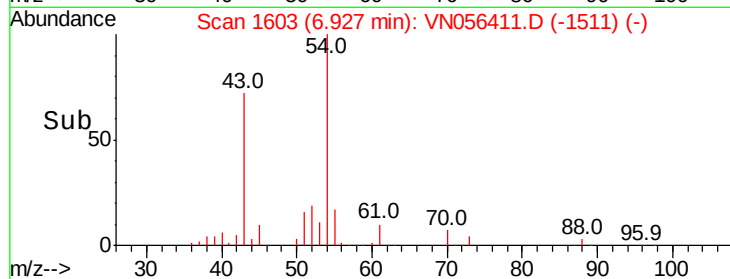
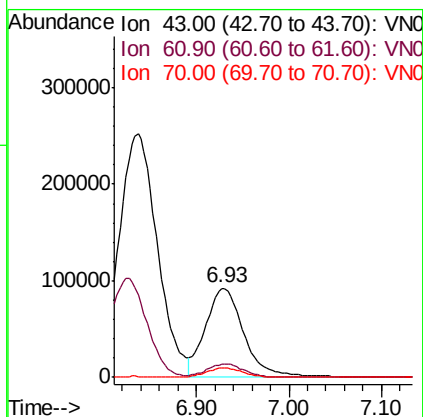
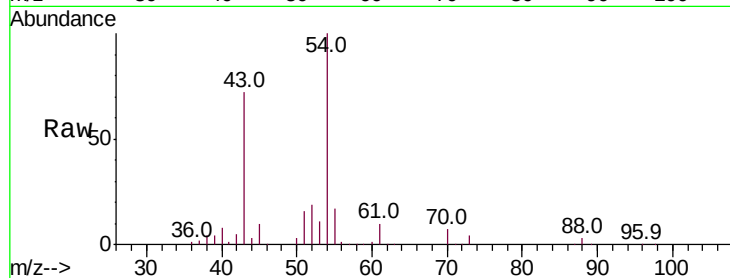




#37
Ethyl Acetate
Concen: 52.611 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

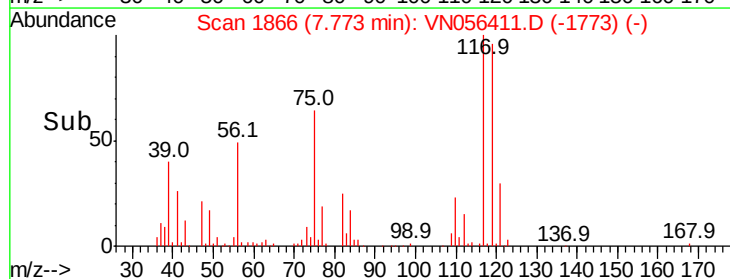
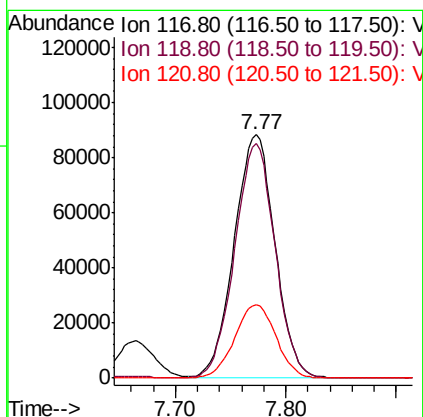
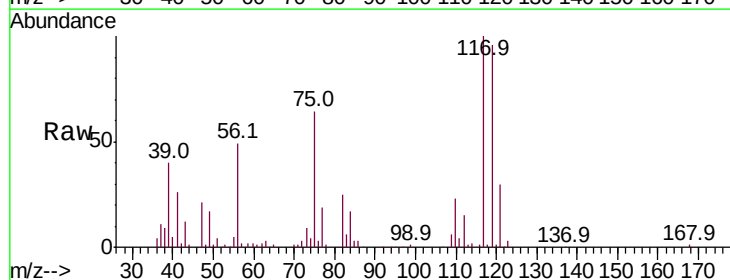
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

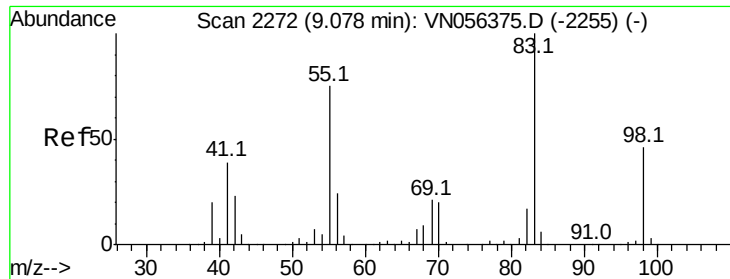
Tot Ion: 43 Resp: 259332
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 51.336 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 117 Resp: 225173
Ion Ratio Lower Upper
117 100
119 96.4 79.1 118.7
121 30.3 24.8 37.2

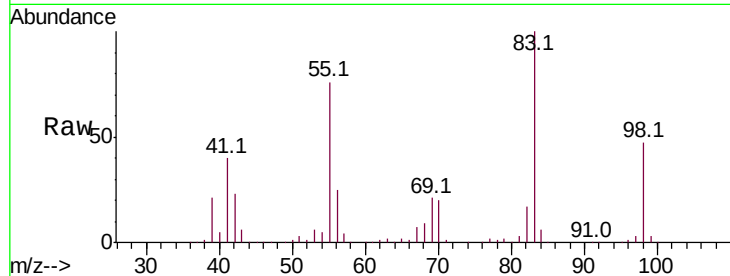




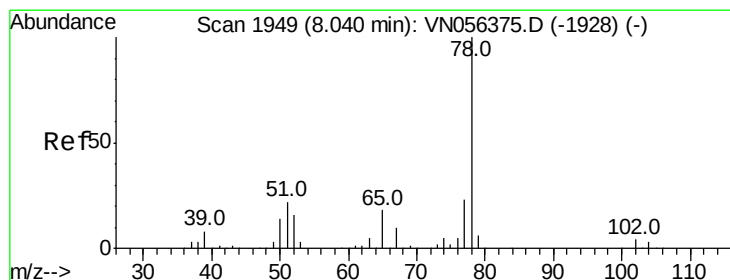
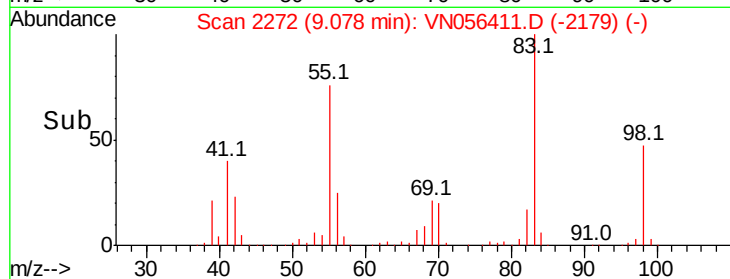
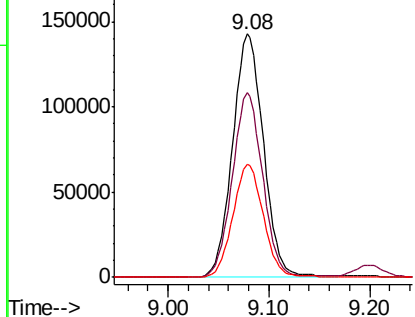
#39
Methylvlcyclohexane
Concen: 49.105 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 303918
Ion Ratio Lower Upper
83 100
55 76.1 60.0 90.0
98 46.6 36.6 54.8

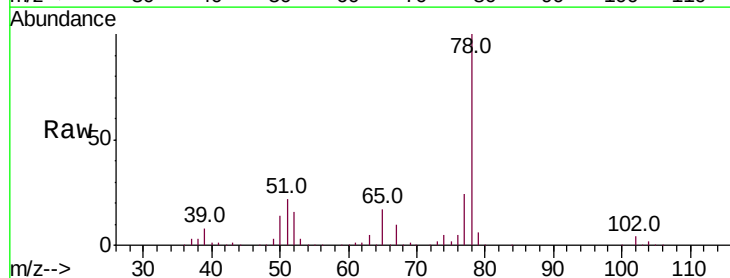


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

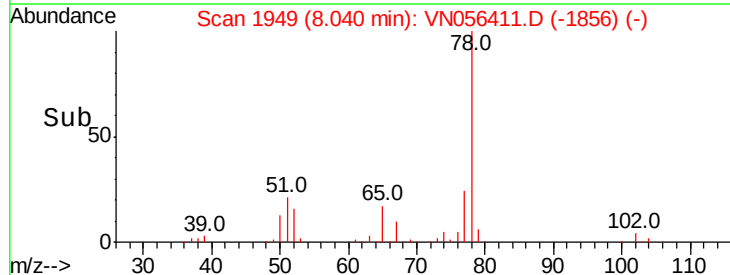
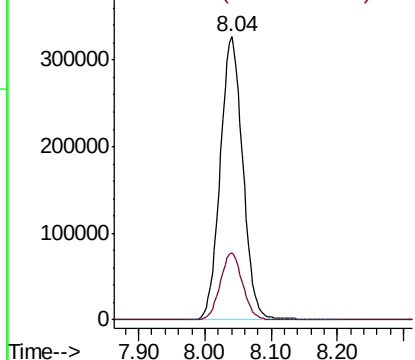


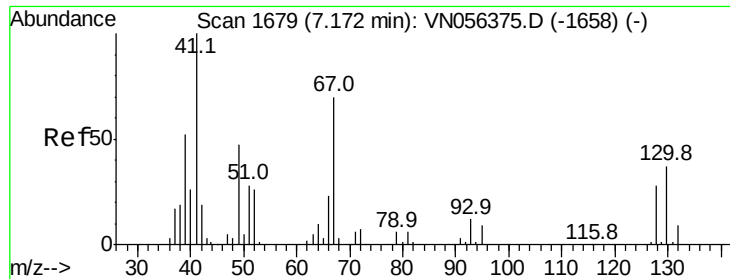
#40
Benzene
Concen: 50.144 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 78 Resp: 773645
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5



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

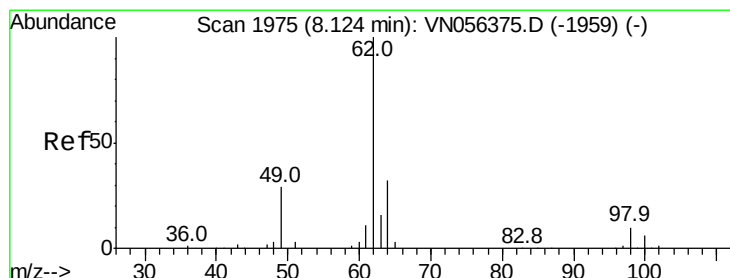
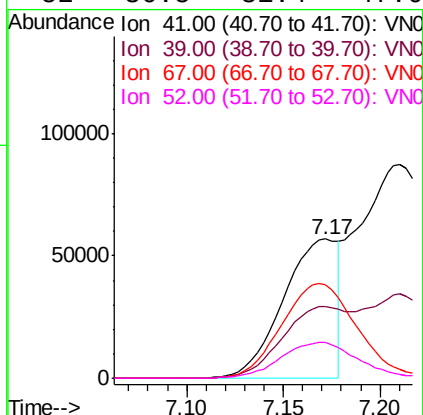
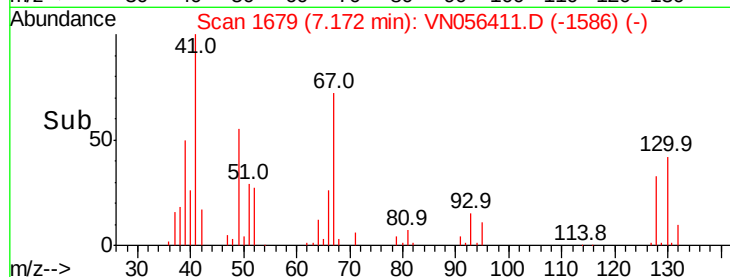
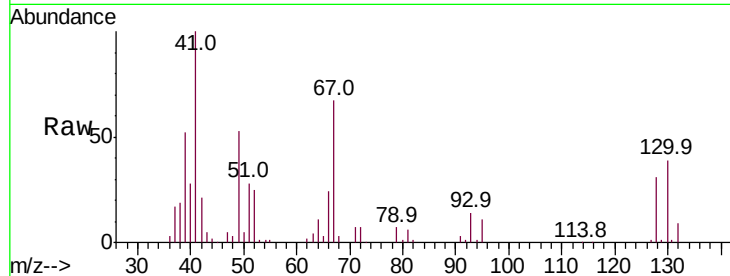




#41
Methacrylonitrile
Concen: 51.382 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

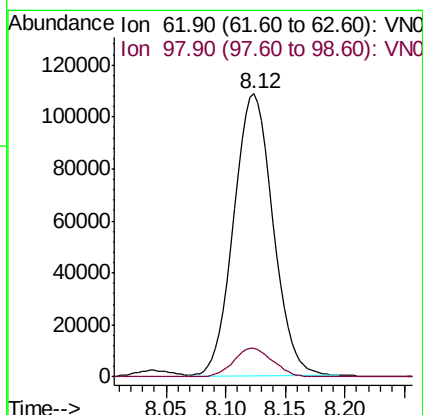
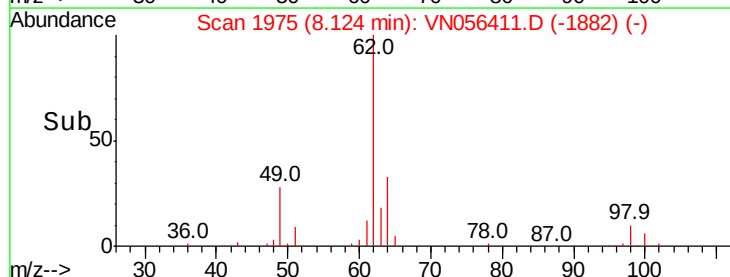
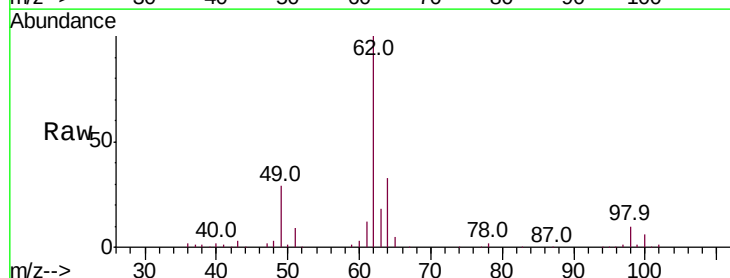
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

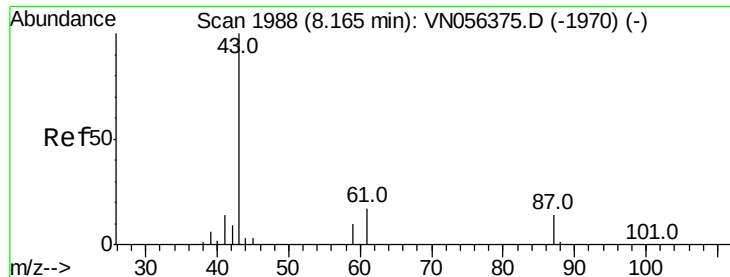
Tot Ion: 41 Resp: 111839
Ion Ratio Lower Upper
41 100
39 61.3 55.3 82.9
67 94.4 79.2 118.8
52 36.5 31.4 47.0



#42
1,2-Dichloroethane
Concen: 48.908 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 62 Resp: 249030
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.541 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

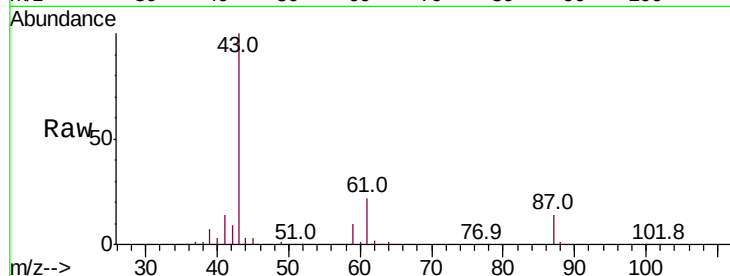
Tot Ion: 43 Resp: 406953

Ion Ratio Lower Upper

43 100

61 27.8 22.0 33.0

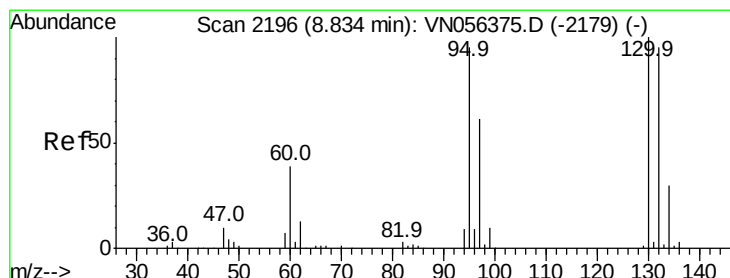
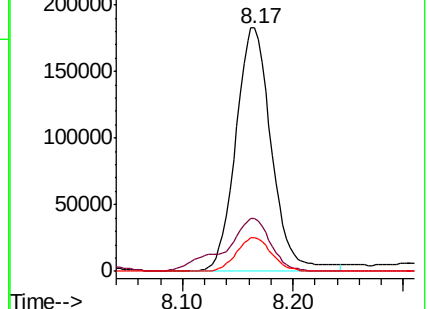
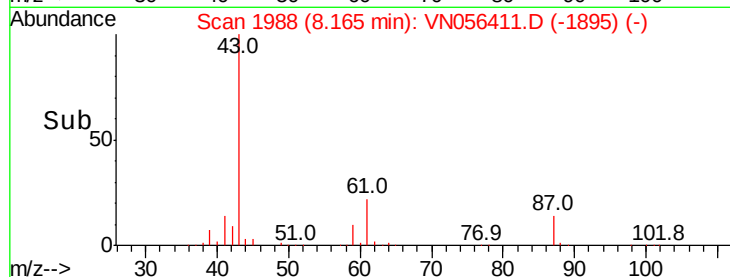
87 13.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 49.716 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056411.D

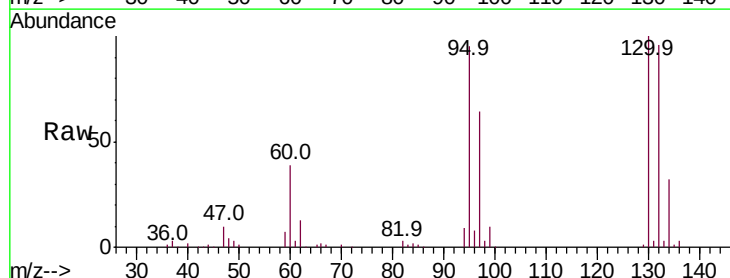
Acq: 21 Jun 2019 9:12

Tgt Ion:130 Resp: 206625

Ion Ratio Lower Upper

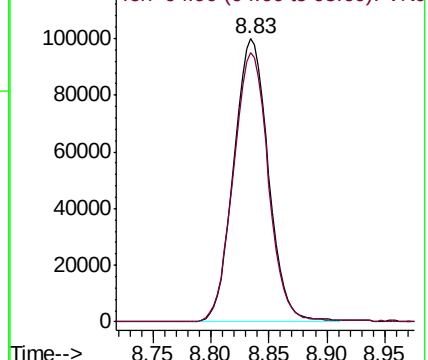
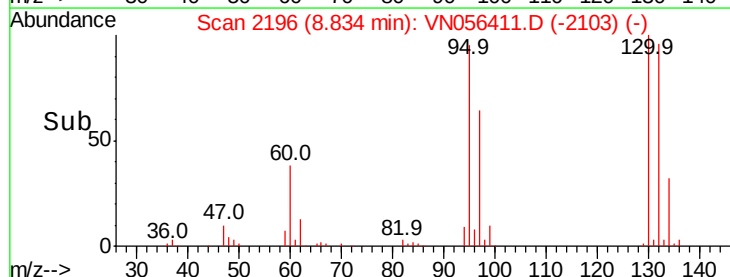
130 100

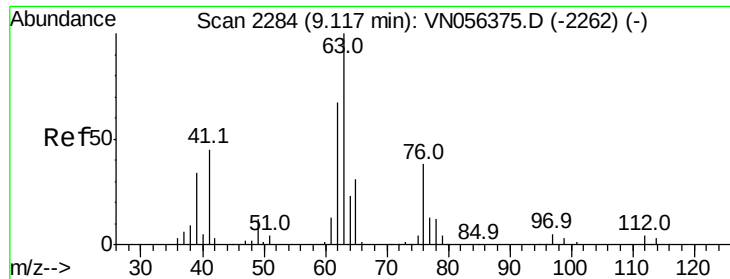
95 95.3 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

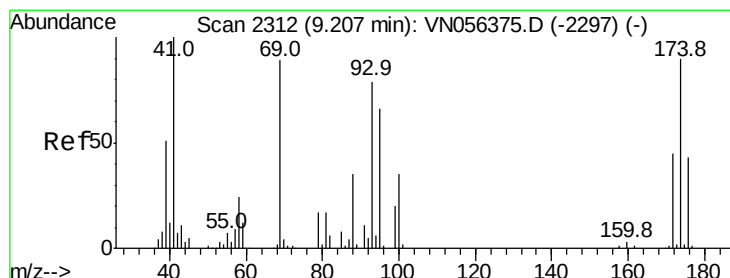
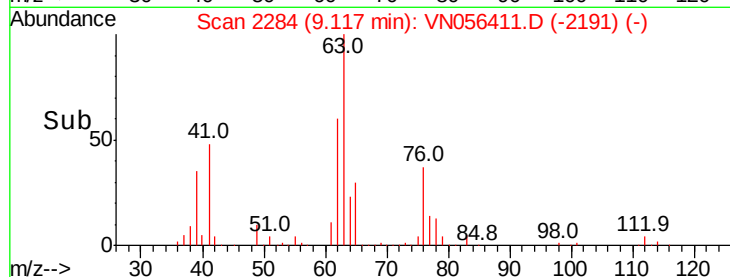
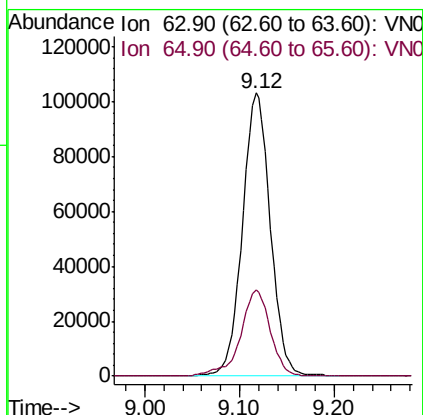
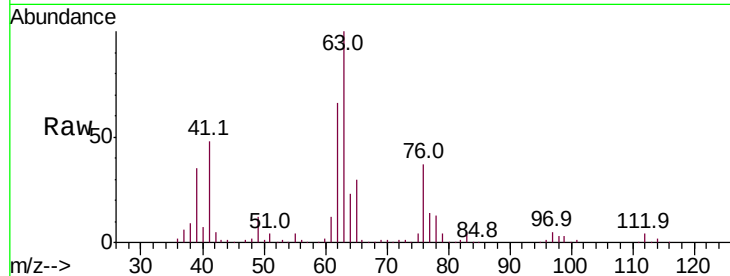




#45
 1,2-Dichloropropane
 Concen: 51.219 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

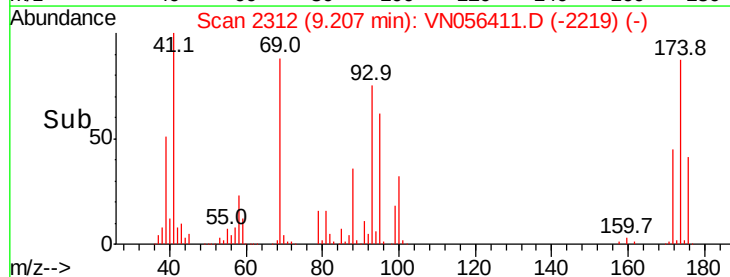
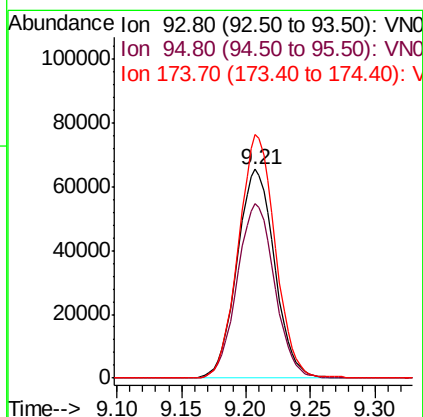
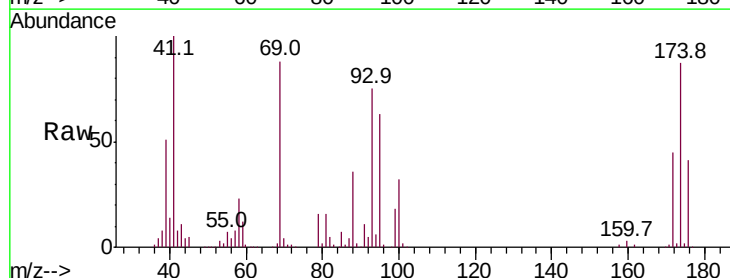
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

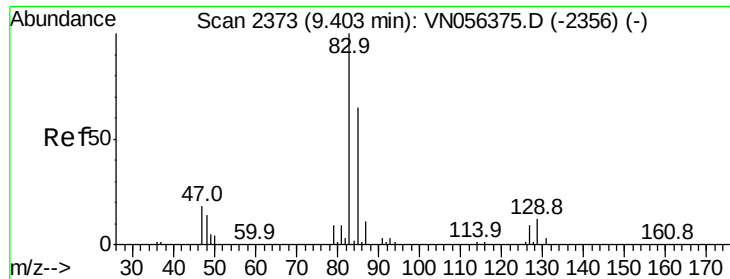
Tot Ion: 63 Resp: 211340
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 51.463 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 93 Resp: 132850
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.2
 174 113.8 90.8 136.2

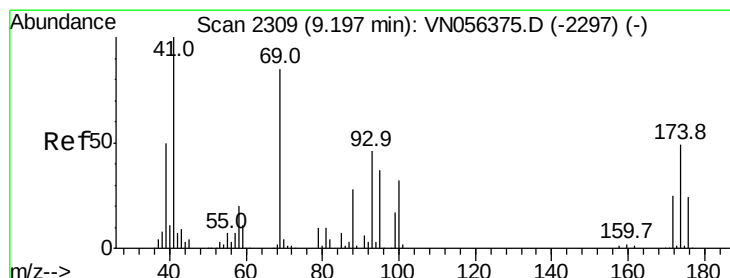
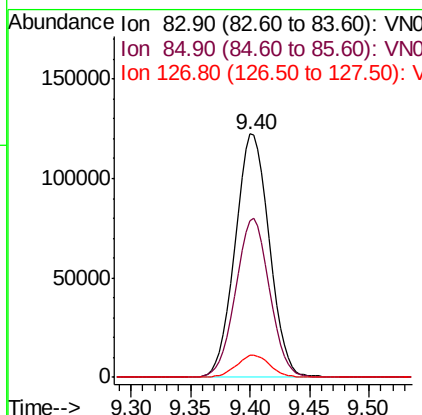
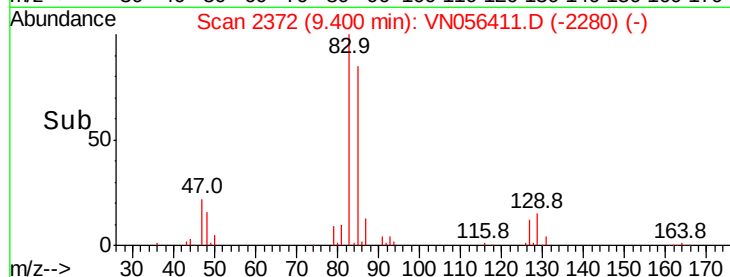
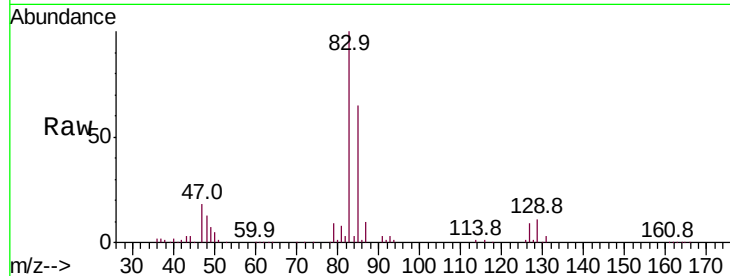




#47
Bromodichloromethane
Concen: 53.356 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

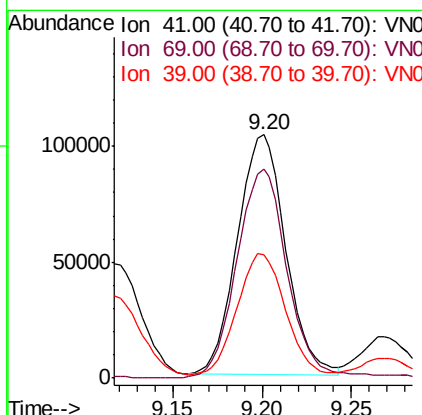
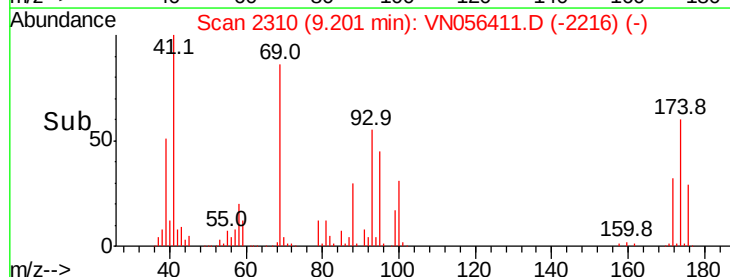
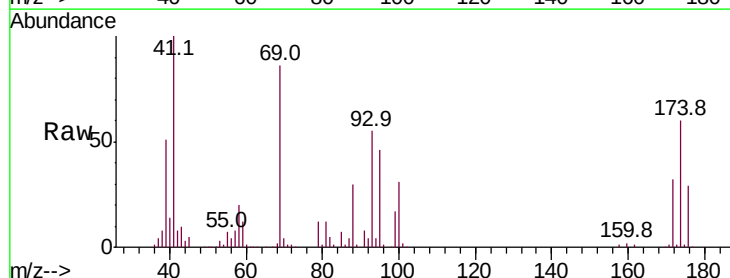
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

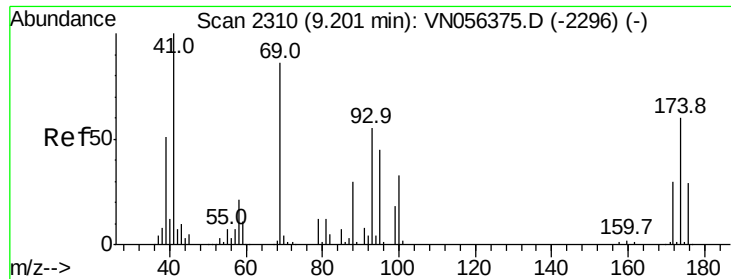
Tot Ion: 83 Resp: 244286
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 51.326 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 41 Resp: 195495
Ion Ratio Lower Upper
41 100
69 91.8 72.6 109.0
39 52.6 42.6 63.8





#49

1,4-Dioxane

Concen: 993.905 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

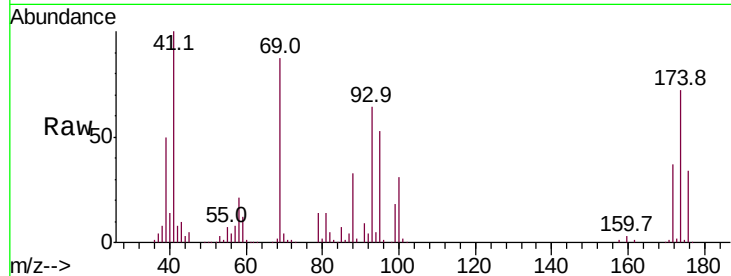
Tot Ion: 88 Resp: 78561

Ion Ratio Lower Upper

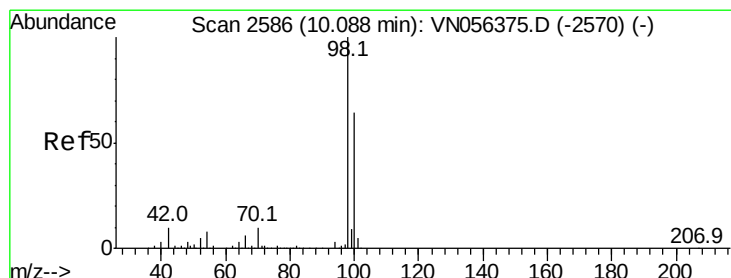
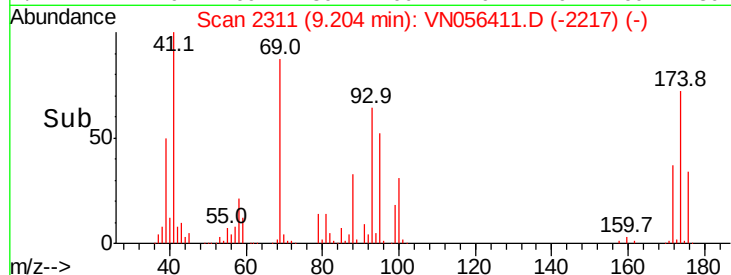
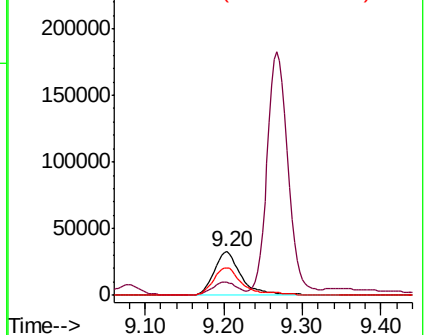
88 100

43 27.3 22.0 33.0

58 64.1 51.8 77.8



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: 51.088 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056411.D

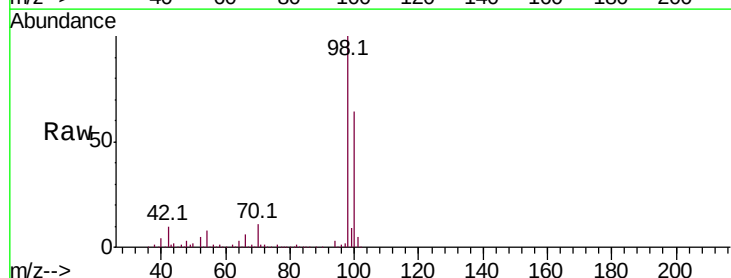
Acq: 21 Jun 2019 9:12

Tgt Ion: 98 Resp: 706688

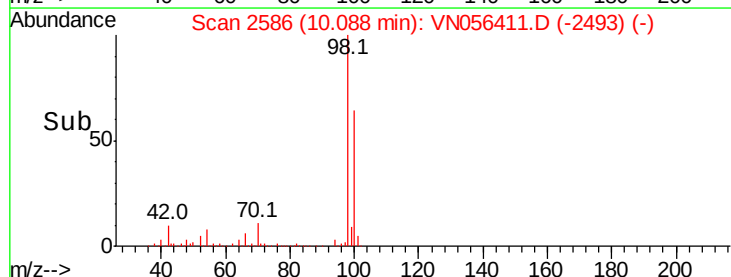
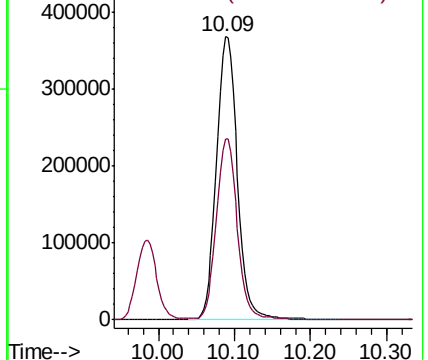
Ion Ratio Lower Upper

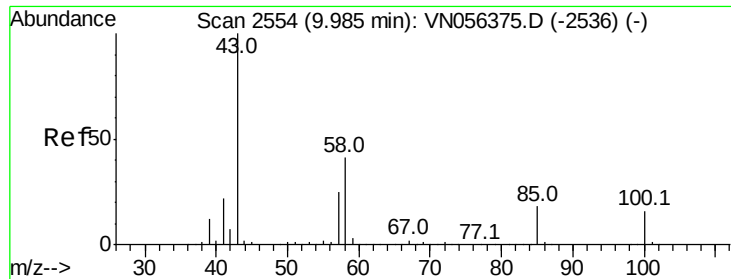
98 100

100 64.4 52.2 78.2



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: 261.133 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

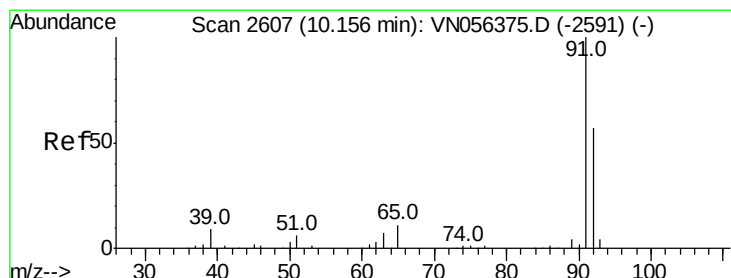
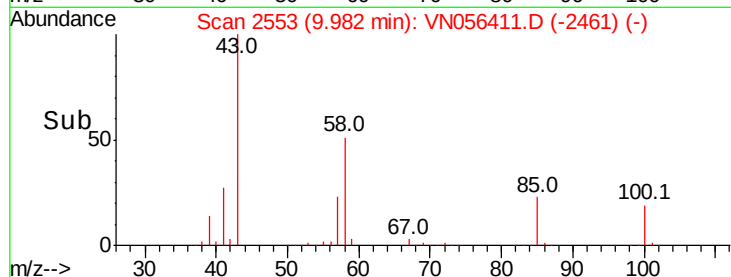
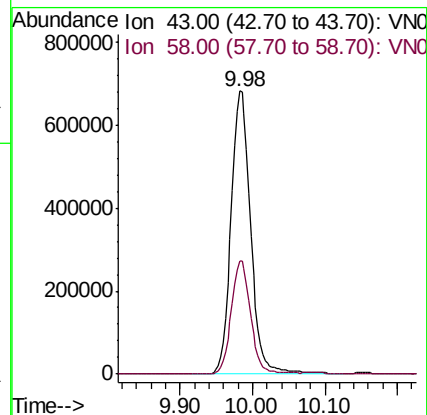
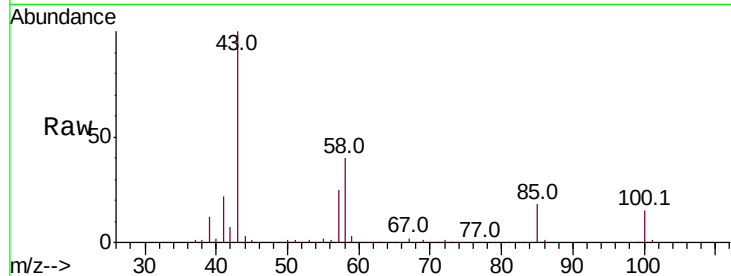
VSTDCCC050

Tot Ion: 43 Resp: 1281065

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.8



#52

Toluene

Concen: 51.150 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056411.D

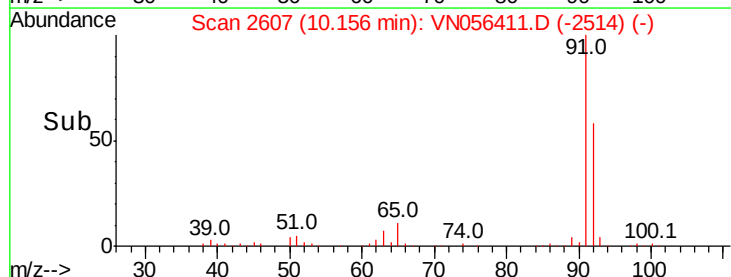
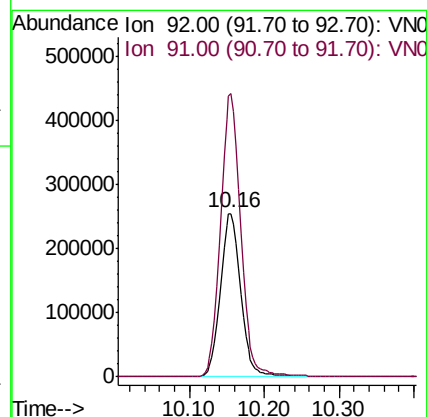
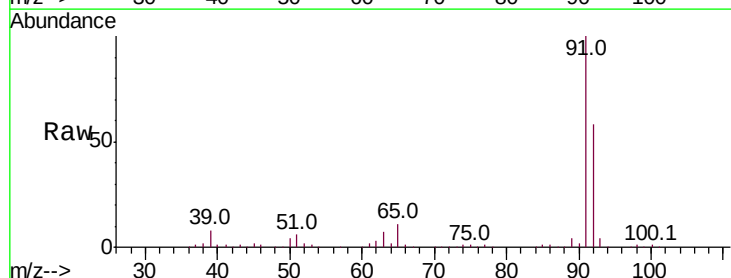
Acq: 21 Jun 2019 9:12

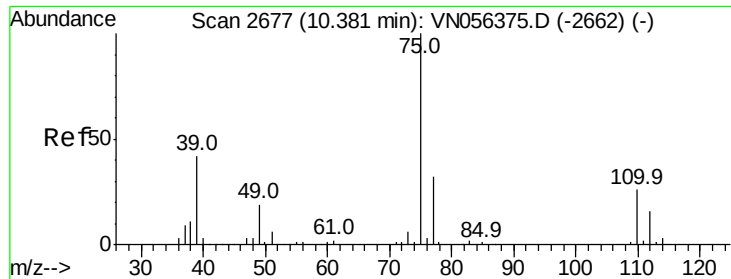
Tgt Ion: 92 Resp: 482484

Ion Ratio Lower Upper

92 100

91 172.6 140.6 211.0

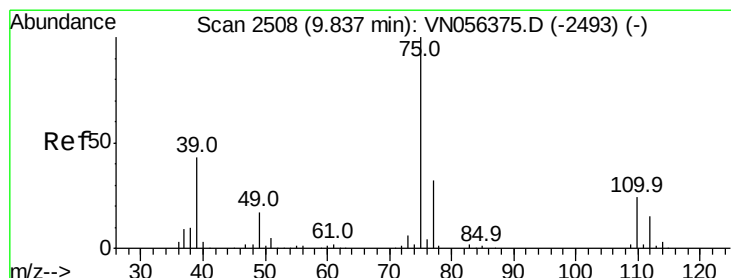
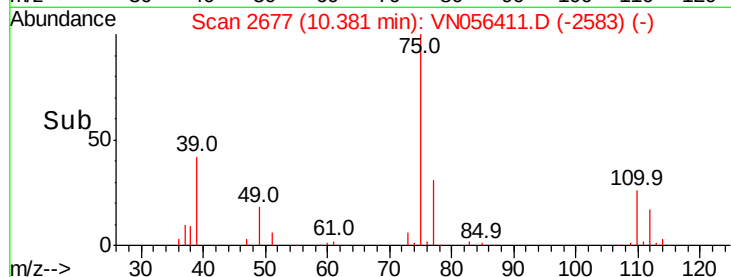
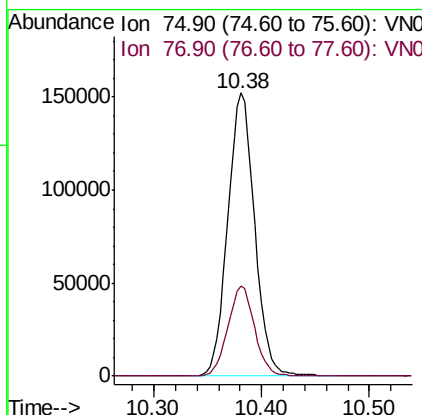
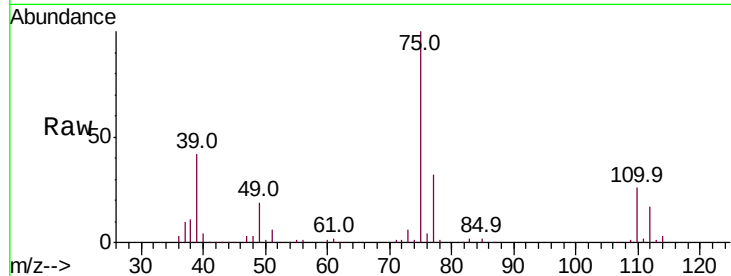




#53
 t-1,3-Dichloropropene
 Concen: 49.731 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

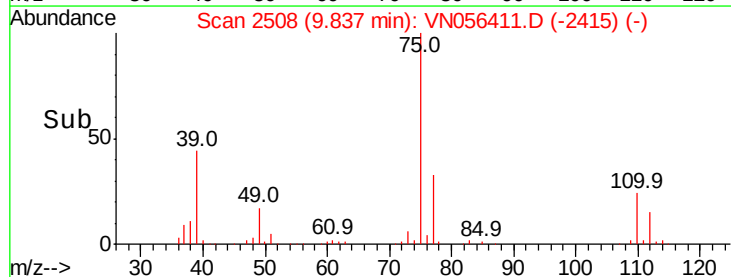
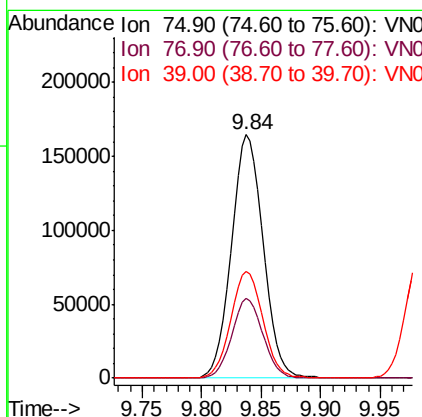
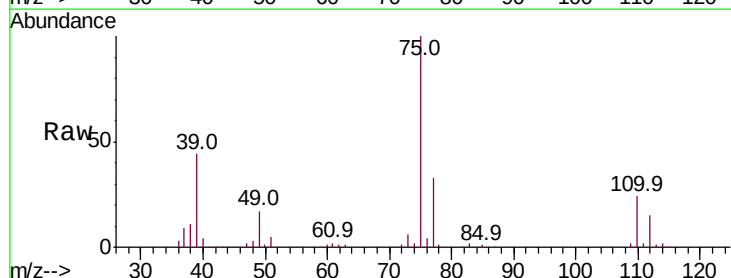
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

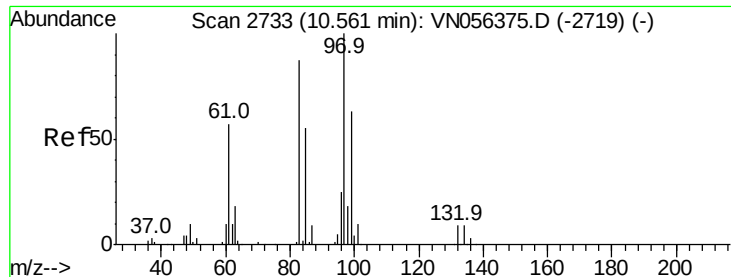
Tot Ion: 75 Resp: 265103
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.253 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 75 Resp: 304635
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8
 39 43.9 34.2 51.4

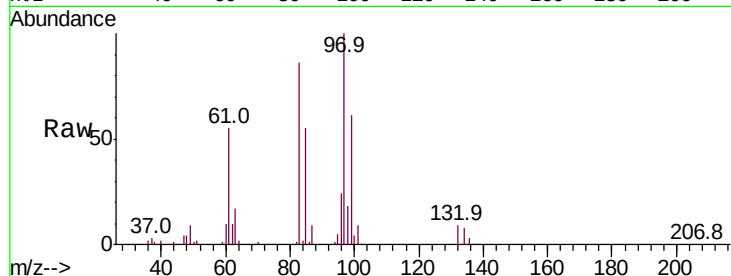




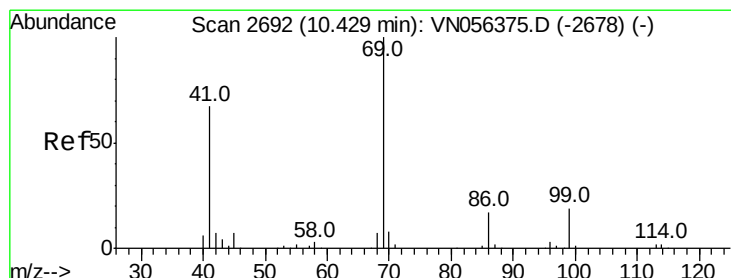
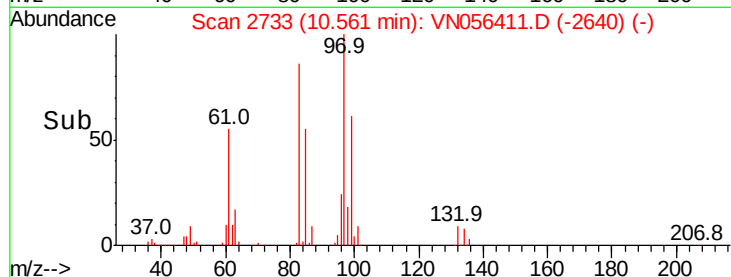
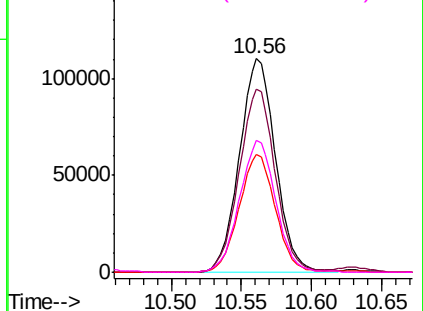
#55
 1,1,2-Trichloroethane
 Concen: 52.172 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 197812
 Ion Ratio Lower Upper
 97 100
 83 85.9 69.8 104.6
 85 55.3 43.8 65.8
 99 61.3 50.2 75.2

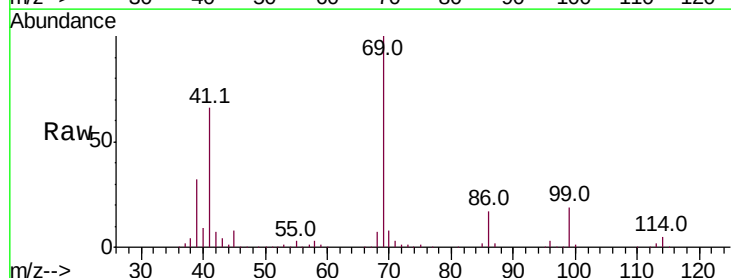


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

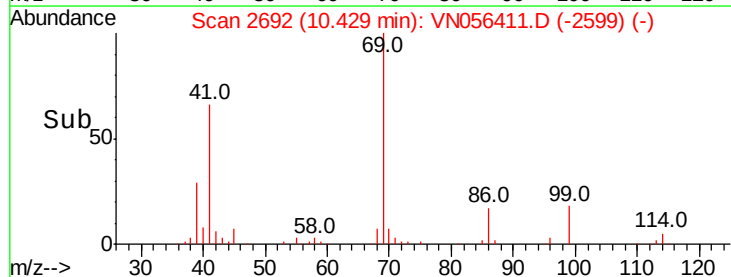
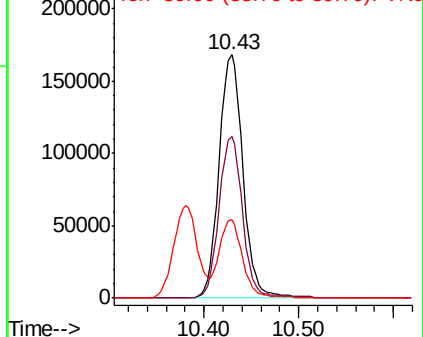


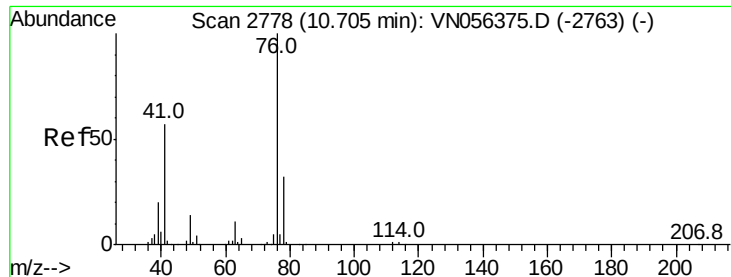
#56
 Ethyl methacrylate
 Concen: 53.523 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 69 Resp: 296575
 Ion Ratio Lower Upper
 69 100
 41 65.3 51.4 77.2
 39 31.2 24.7 37.1



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





#57

1,3-Dichloropropane

Concen: 51.942 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

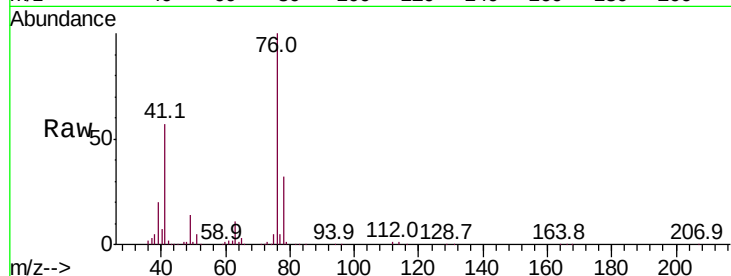
VSTDCCC050

Tot Ion: 76 Resp: 330845

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

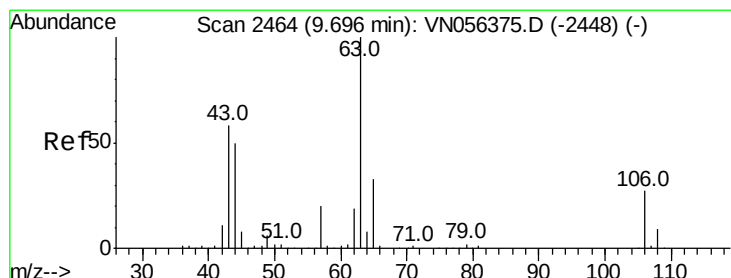
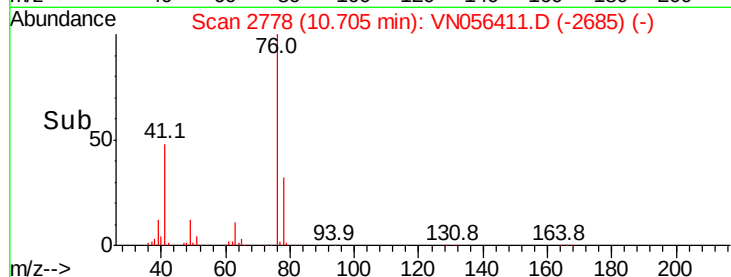
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 259.651 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056411.D

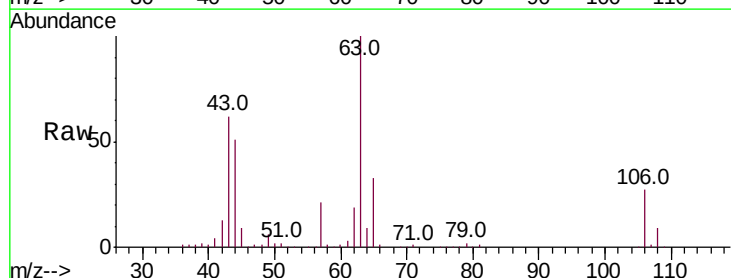
Acq: 21 Jun 2019 9:12

Tgt Ion: 63 Resp: 516870

Ion Ratio Lower Upper

63 100

106 27.3 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

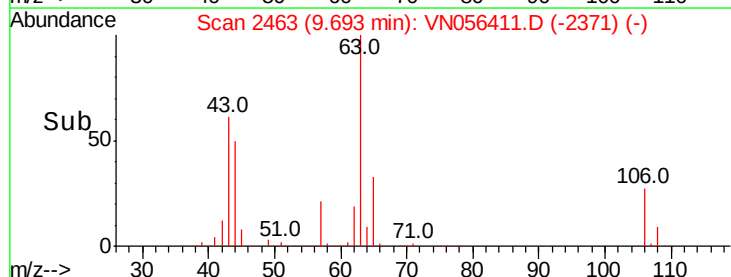
300000

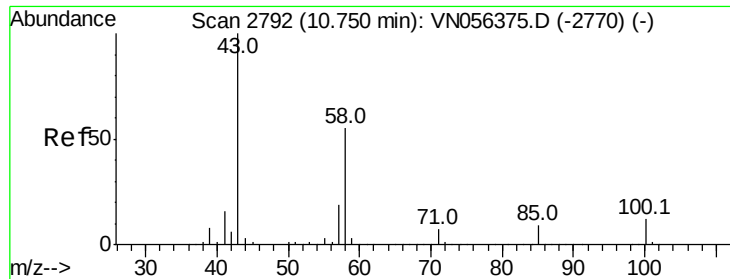
200000

100000

0

Time--> 9.60 9.70 9.80

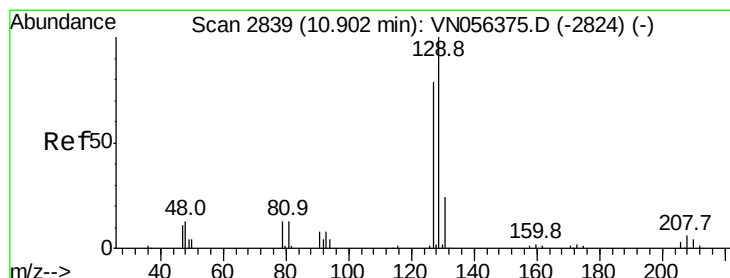
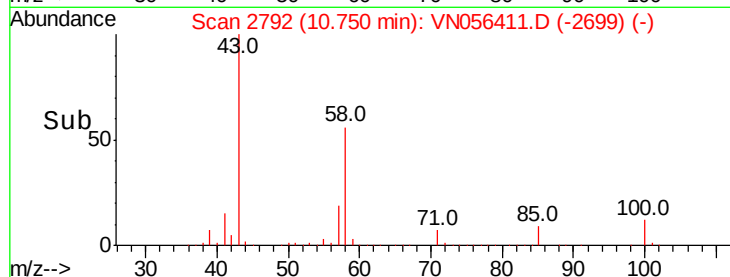
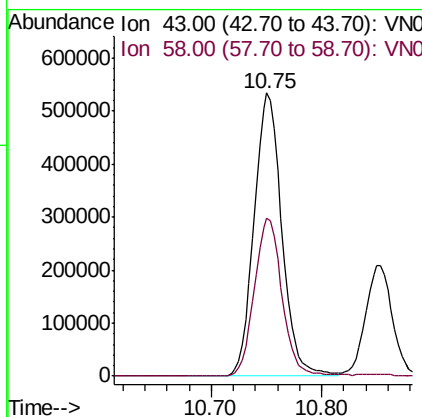
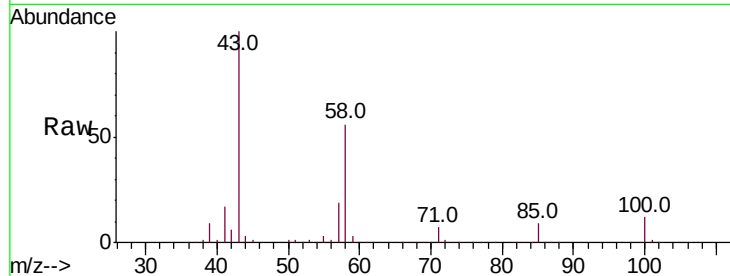




#59
2-Hexanone
Concen: 257.682 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

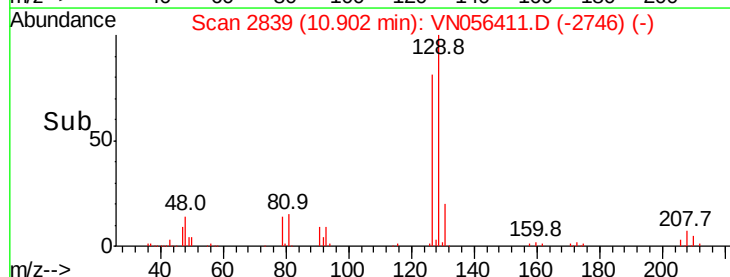
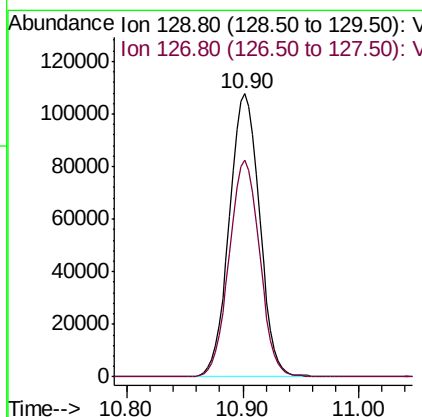
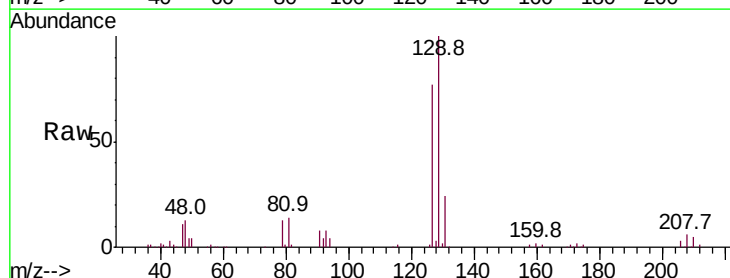
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

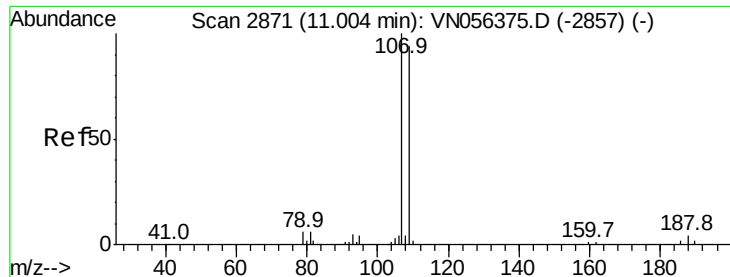
Tot Ion: 43 Resp: 929098
Ion Ratio Lower Upper
43 100
58 56.0 27.8 83.4



#60
Dibromochloromethane
Concen: 50.154 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 129 Resp: 195490
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.062 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

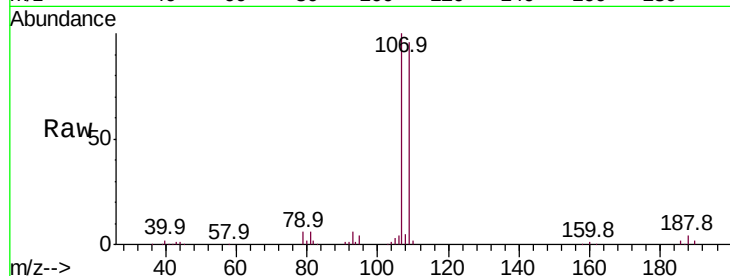
VSTDCCC050

Tot Ion:107 Resp: 201610

Ion Ratio Lower Upper

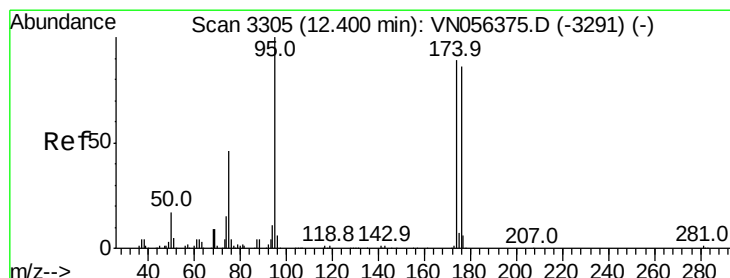
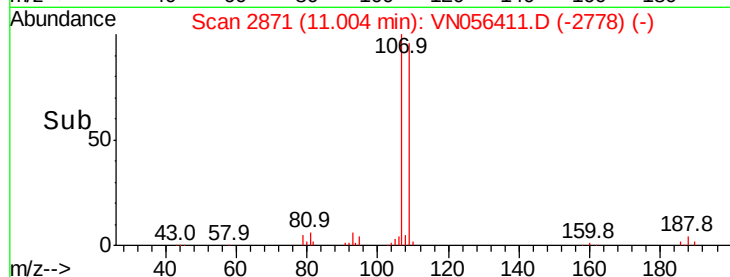
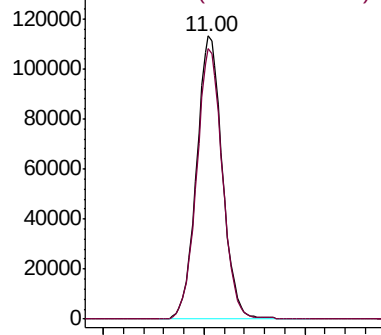
107 100

109 95.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.571 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

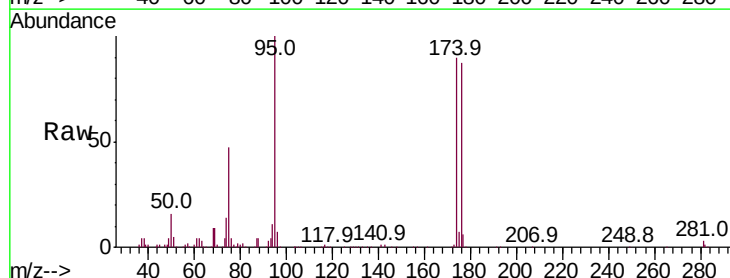
Tgt Ion: 95 Resp: 242417

Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.4

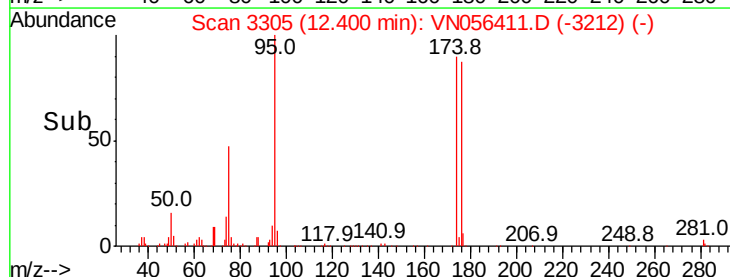
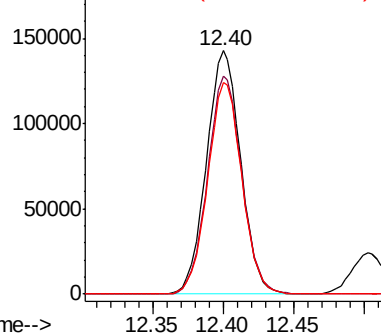
176 87.0 0.0 173.4

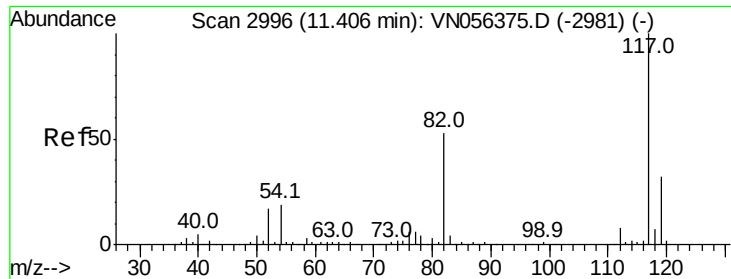


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

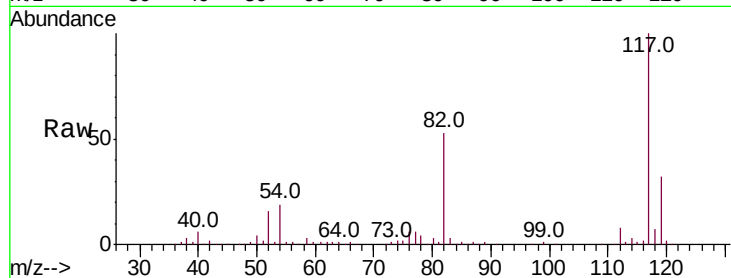




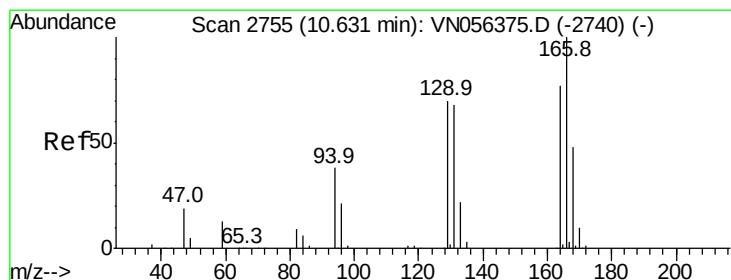
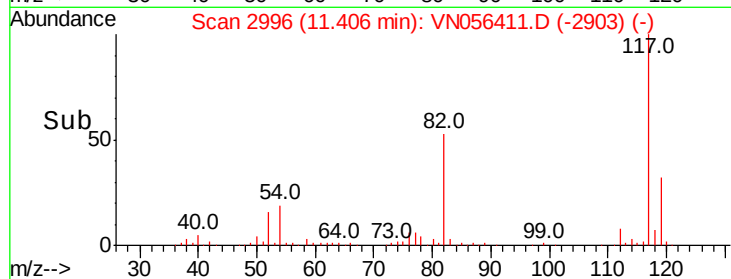
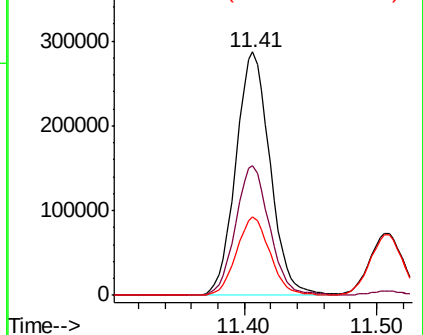
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 514967
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.1 25.3 37.9

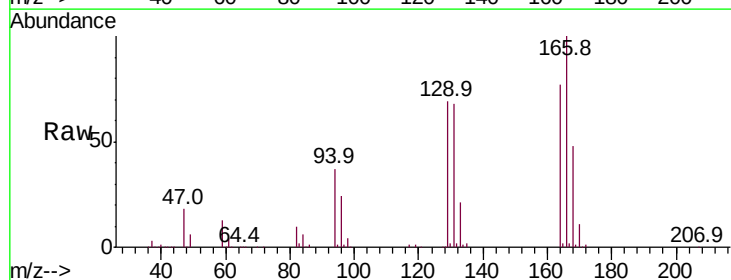


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

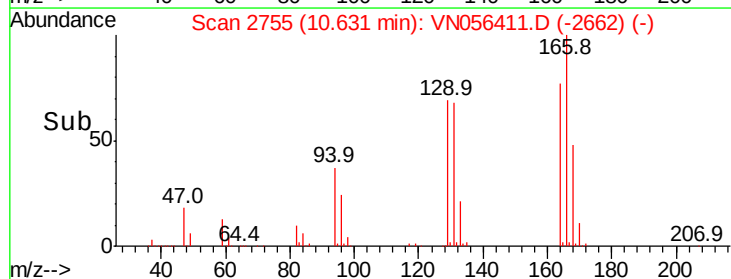
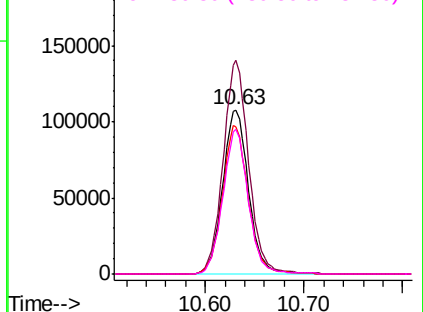


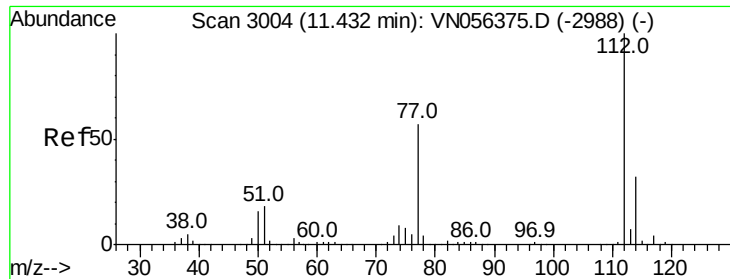
#64
Tetrachloroethene
Concen: 48.723 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion:164 Resp: 198699
Ion Ratio Lower Upper
164 100
166 129.9 103.4 155.0
129 89.9 72.0 108.0
131 88.0 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: 50.203 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

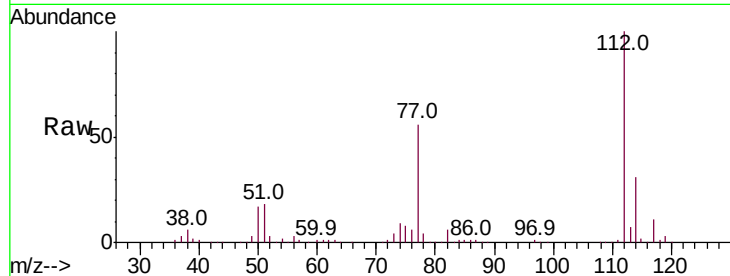
VSTDCCC050

Tot Ion:112 Resp: 519479

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

300000

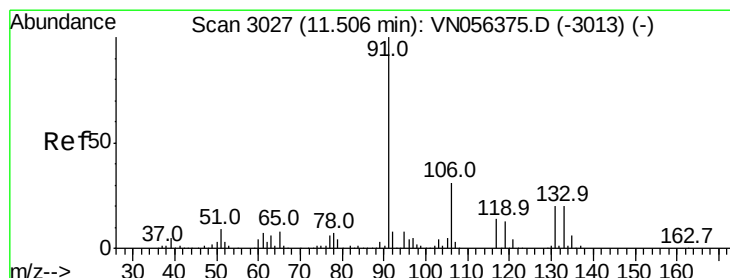
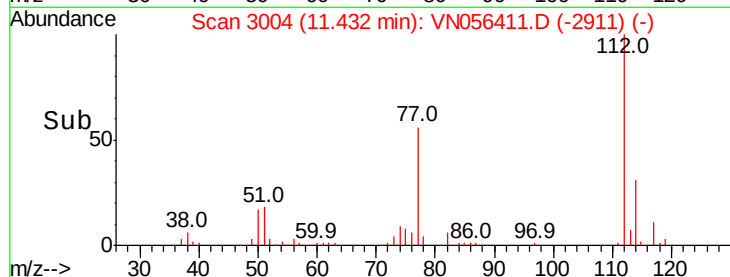
200000

100000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.356 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

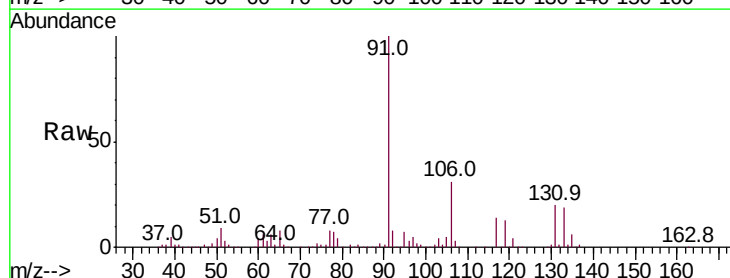
Tgt Ion:131 Resp: 186597

Ion Ratio Lower Upper

131 100

133 95.3 47.4 142.2

119 66.9 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

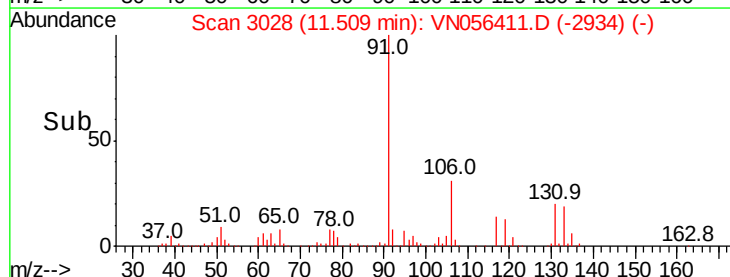
100000

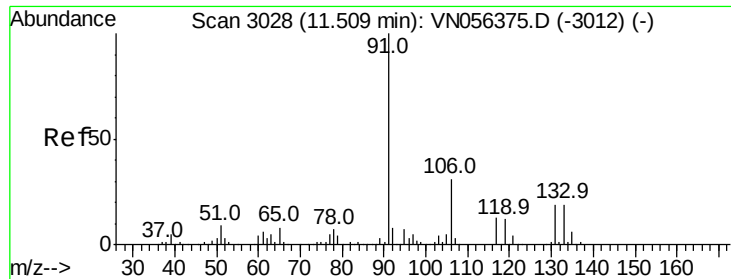
50000

0

11.45 11.50 11.55 11.60

Time-->

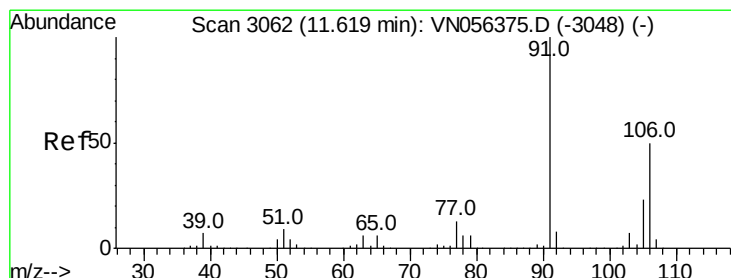
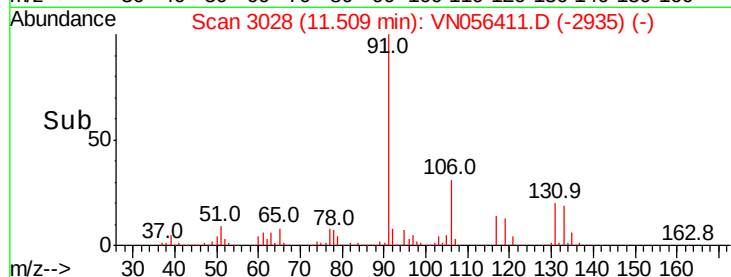
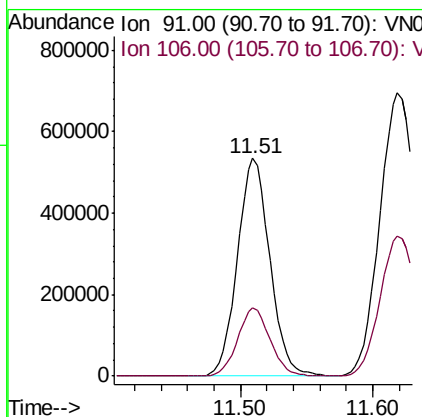
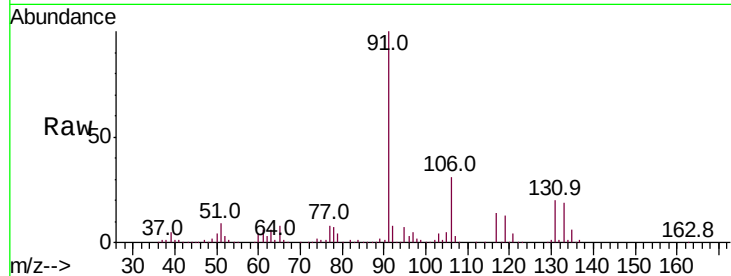




#67
Ethyl Benzene
Concen: 50.006 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

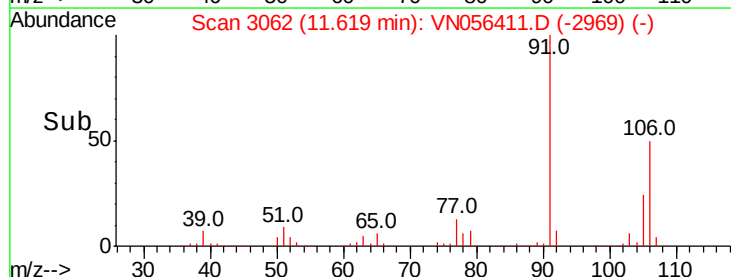
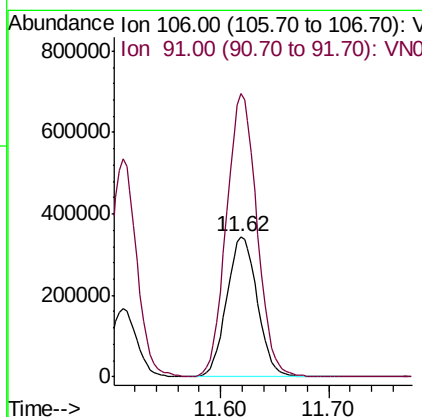
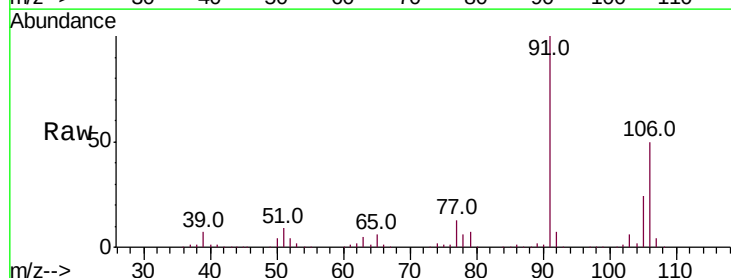
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

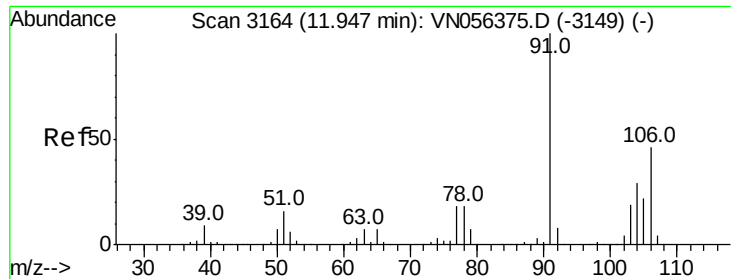
Tot Ion: 91 Resp: 908556
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 102.413 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion: 106 Resp: 681915
Ion Ratio Lower Upper
106 100
91 200.8 160.1 240.1

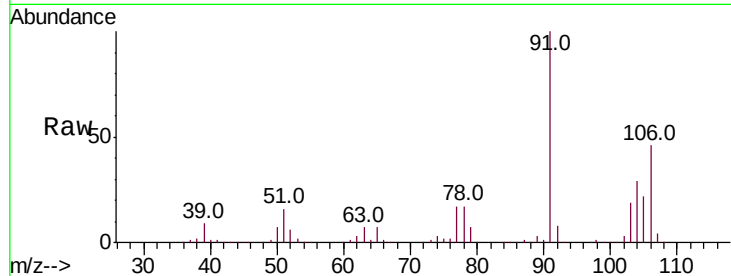




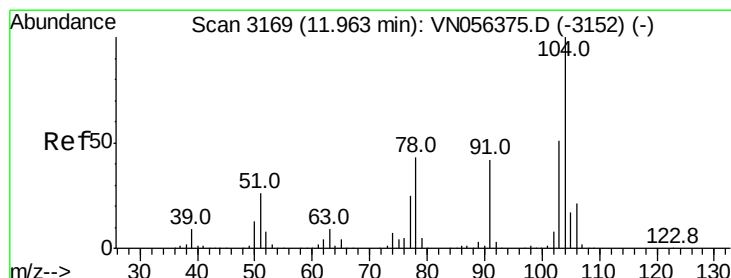
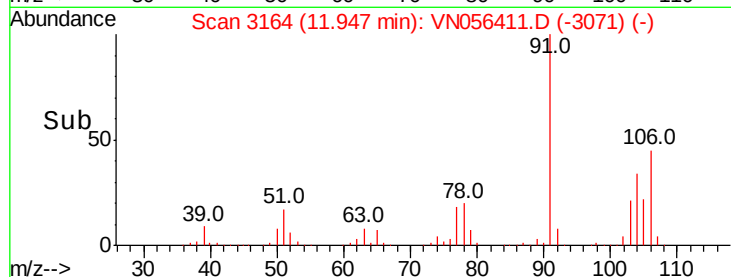
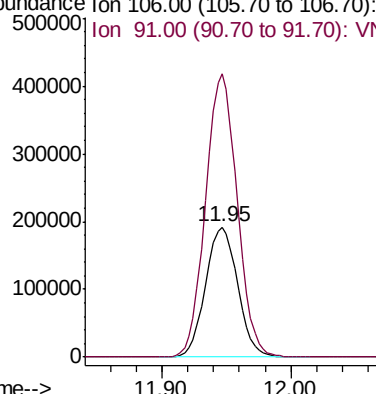
#69
o-Xylene
Concen: 50.461 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 332407
Ion Ratio Lower Upper
106 100
91 214.4 107.1 321.3

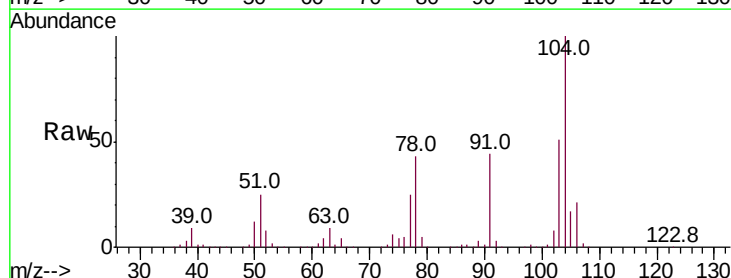


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

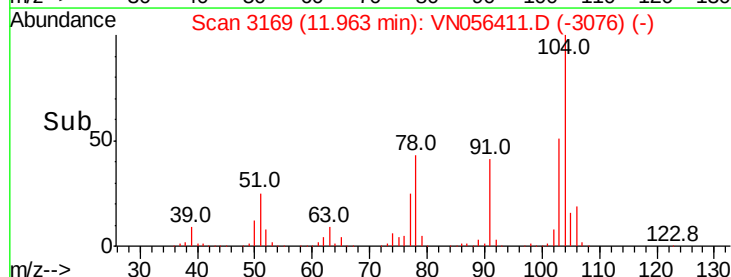
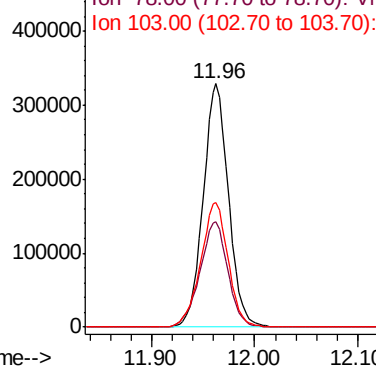


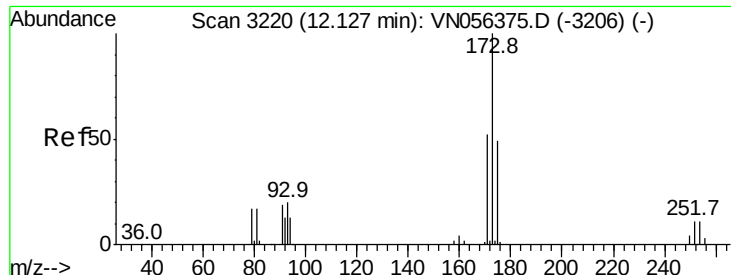
#70
Styrene
Concen: 53.309 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056411.D
Acq: 21 Jun 2019 9:12

Tgt Ion:104 Resp: 561319
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 55.6 43.9 65.9



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

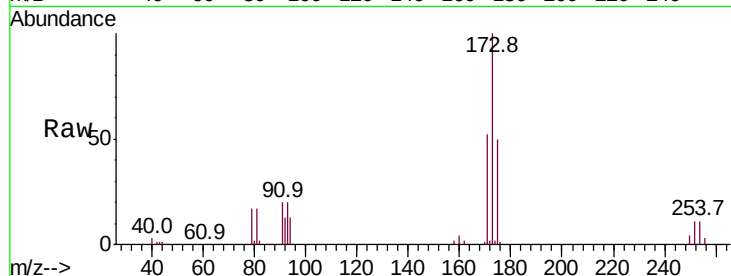




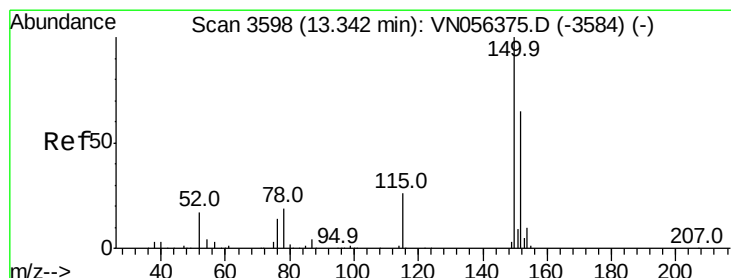
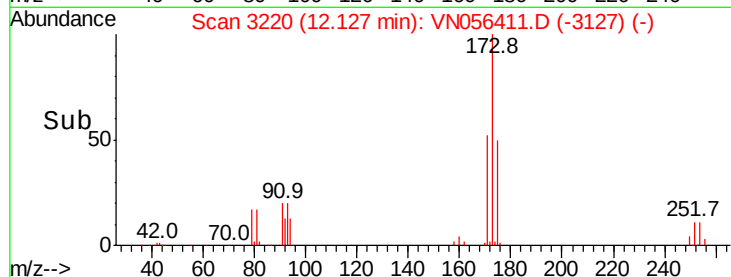
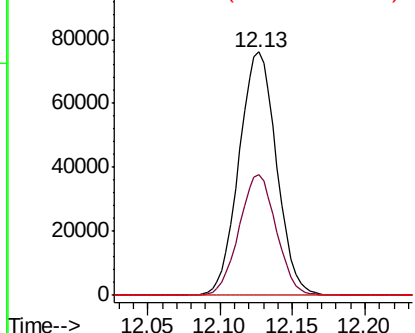
#71
 Bromoform
 Concen: 48.762 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:173 Resp: 137338
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.4 73.4
 254 0.0 0.0 0.0

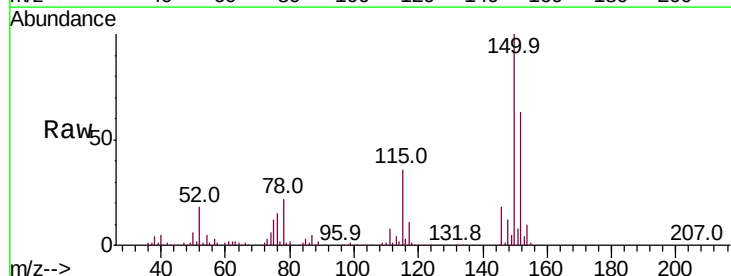


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

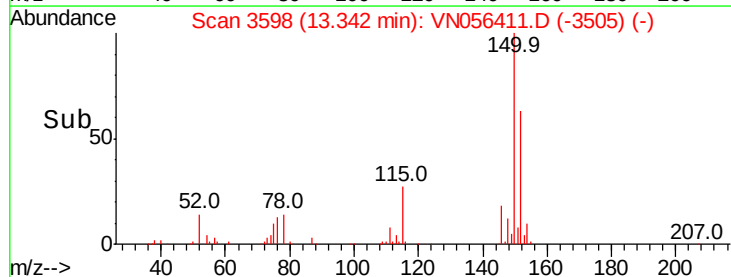
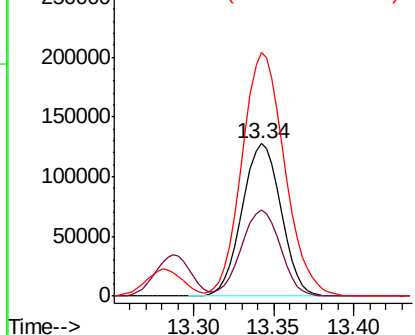


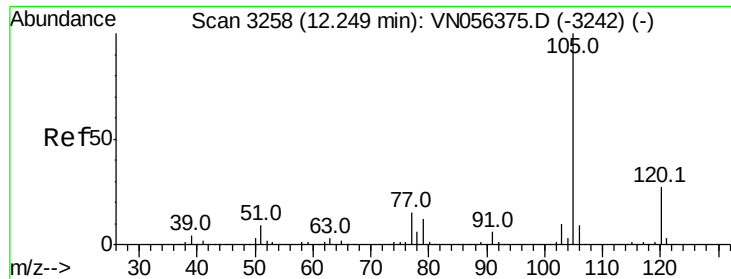
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion:152 Resp: 212826
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.1 84.4
 150 174.7 0.0 348.4



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: 55.666 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

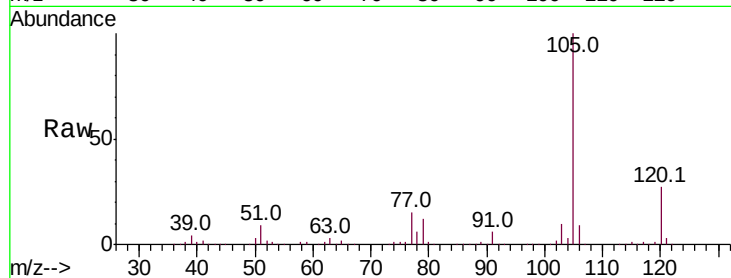
VSTDCCC050

Tot Ion:105 Resp: 884968

Ion Ratio Lower Upper

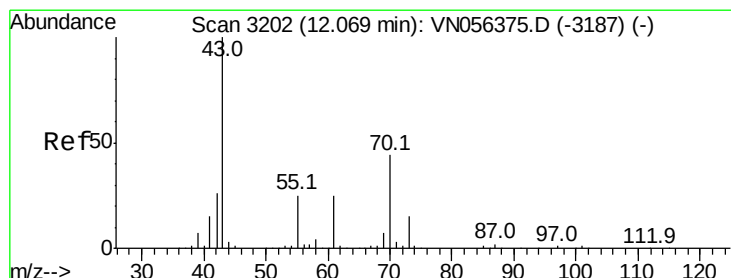
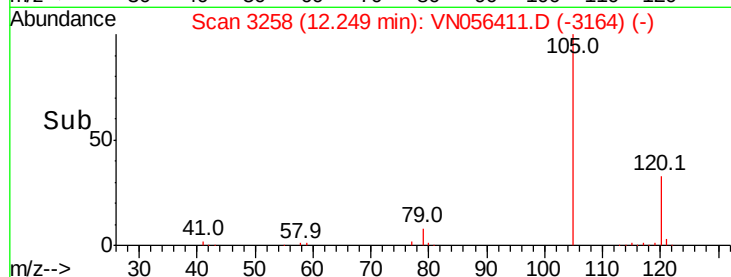
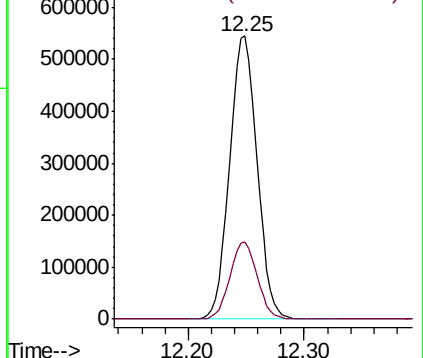
105 100

120 27.1 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: 48.569 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Tgt Ion: 43 Resp: 328973

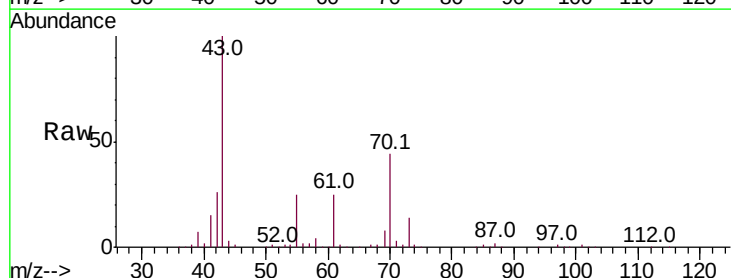
Ion Ratio Lower Upper

43 100

70 42.8 34.9 52.3

55 25.0 20.4 30.6

61 24.7 19.8 29.8

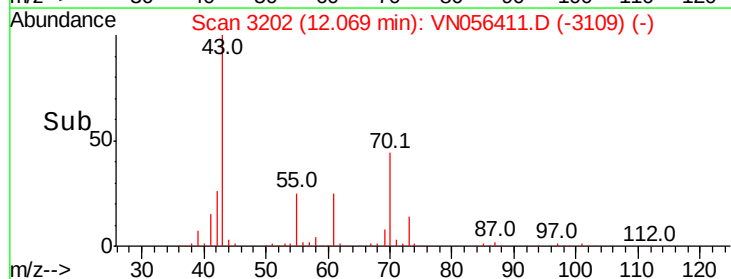
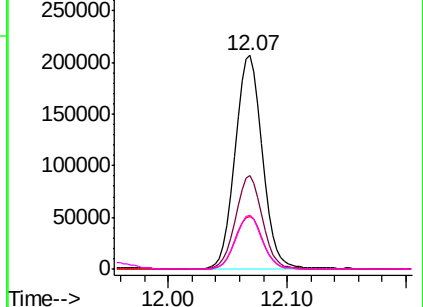


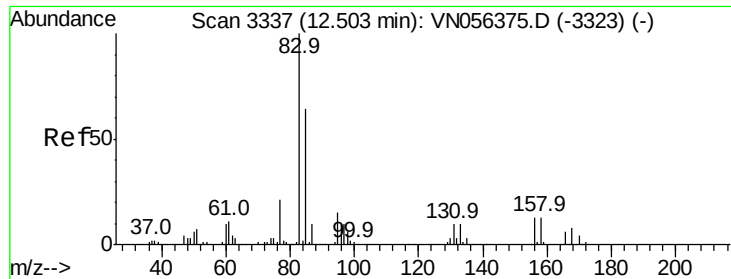
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.812 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

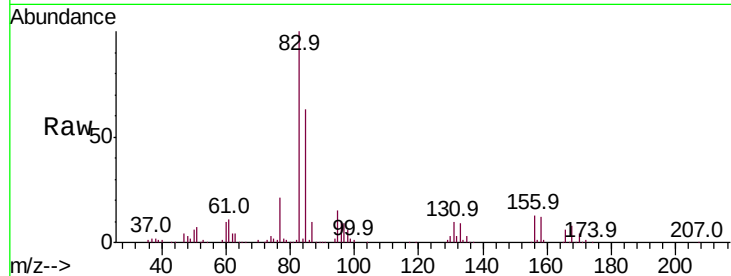
Tot Ion: 83 Resp: 269788

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

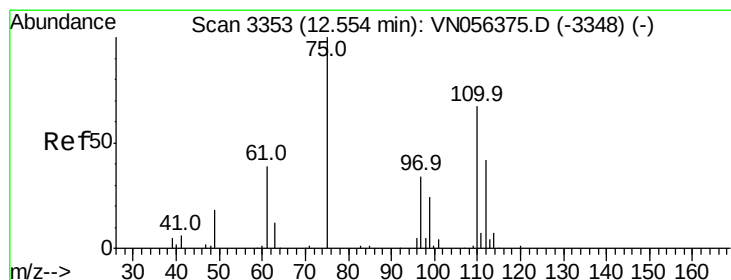
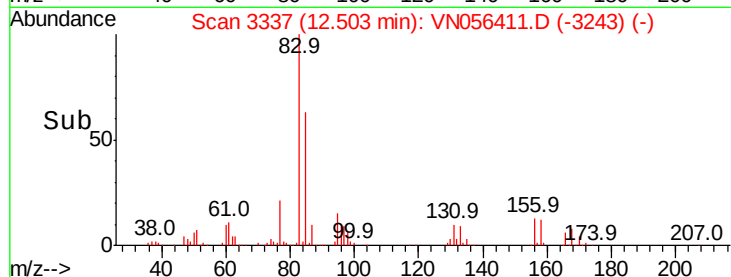
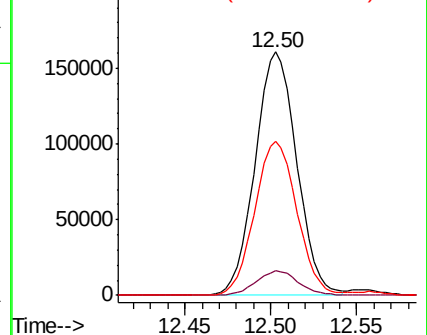
85 64.3 32.4 97.0



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: 53.068 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056411.D

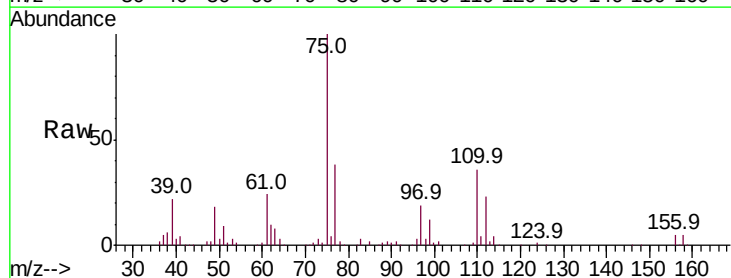
Acq: 21 Jun 2019 9:12

Tgt Ion: 75 Resp: 234190

Ion Ratio Lower Upper

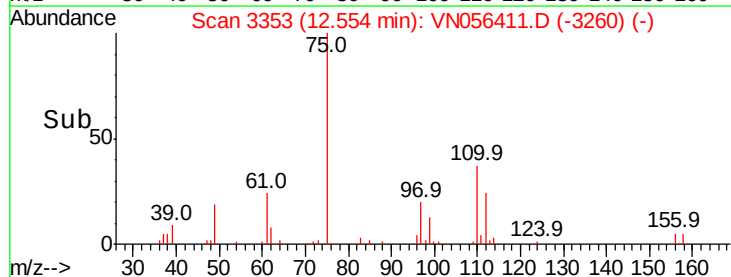
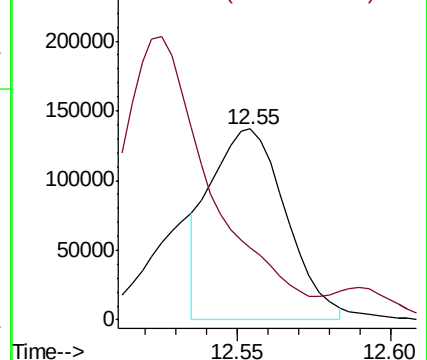
75 100

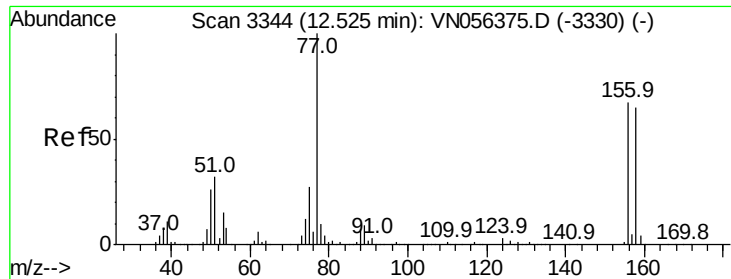
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.168 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

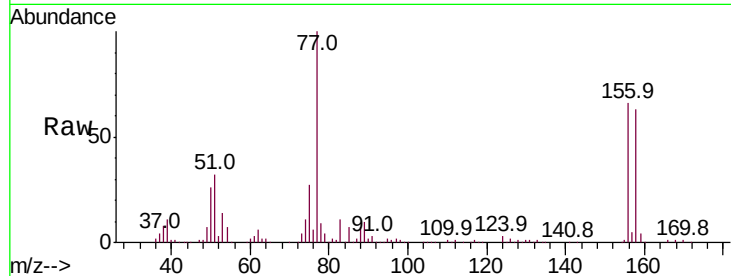
Tot Ion:156 Resp: 229219

Ion Ratio Lower Upper

156 100

77 187.0 92.5 277.3

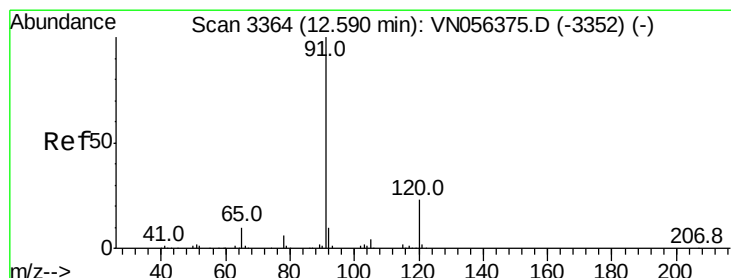
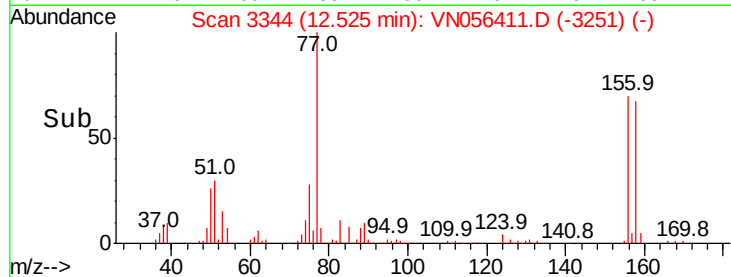
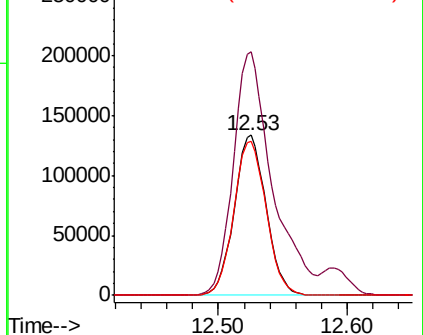
158 98.0 48.7 146.1



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: 49.789 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056411.D

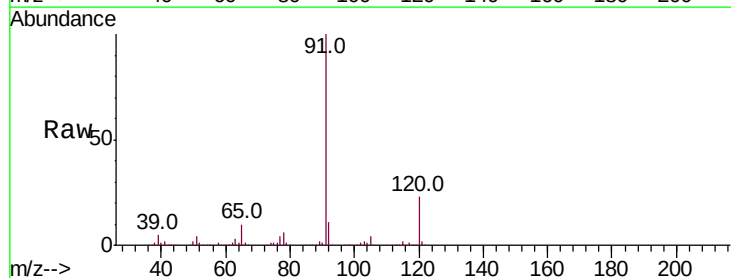
Acq: 21 Jun 2019 9:12

Tgt Ion: 91 Resp: 970374

Ion Ratio Lower Upper

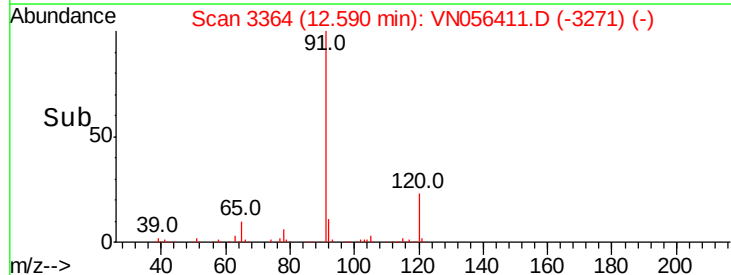
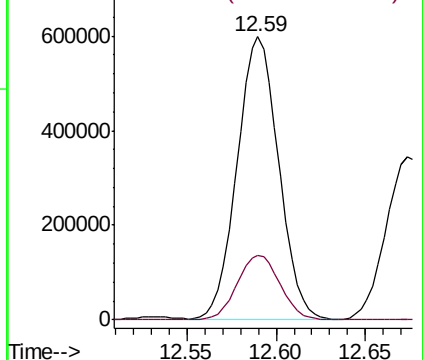
91 100

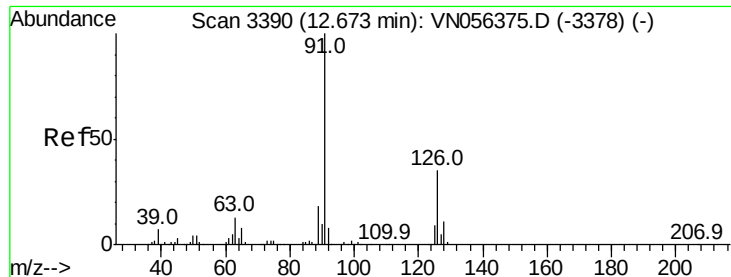
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.085 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

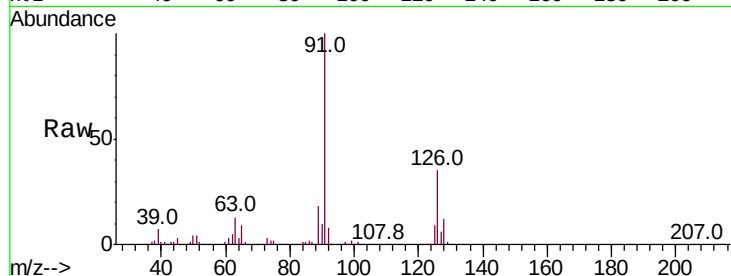
VSTDCCC050

Tot Ion: 91 Resp: 585941

Ion Ratio Lower Upper

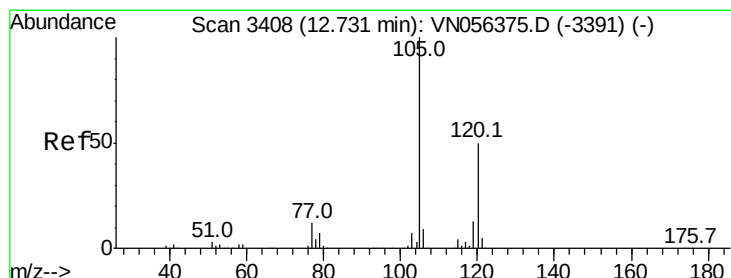
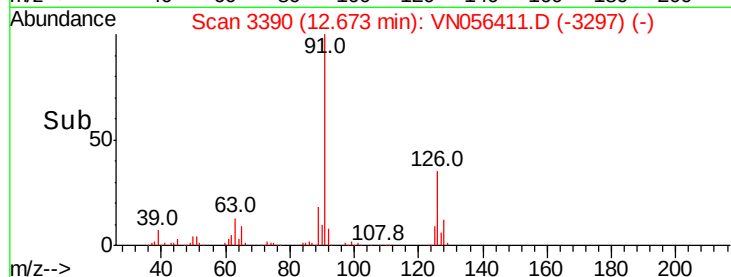
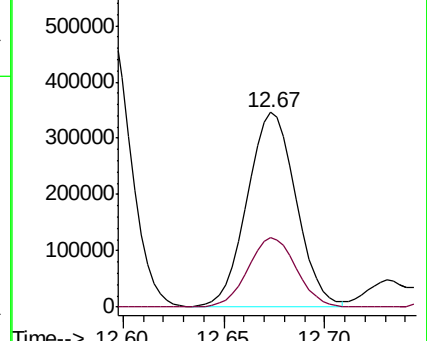
91 100

126 35.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056411.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN056411.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.912 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056411.D

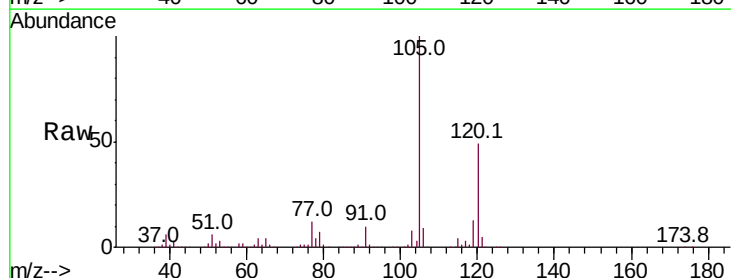
Acq: 21 Jun 2019 9:12

Tgt Ion:105 Resp: 732523

Ion Ratio Lower Upper

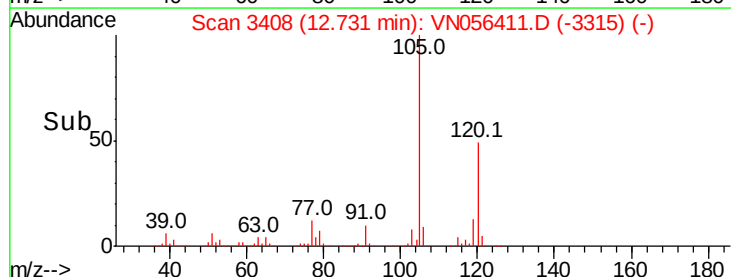
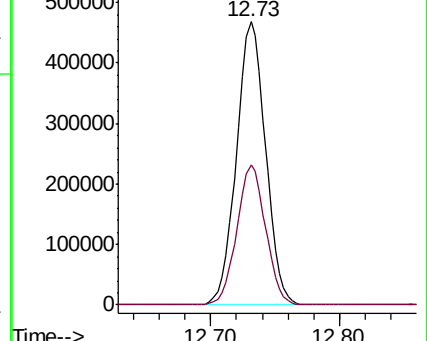
105 100

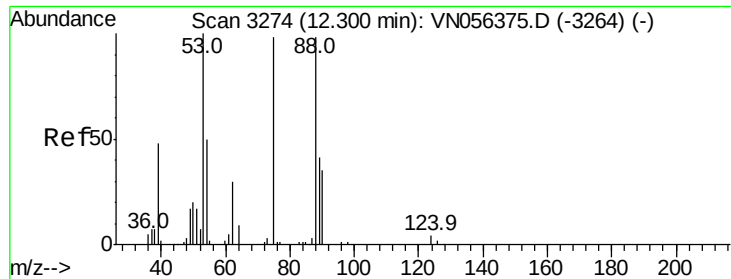
120 48.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056411.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN056411.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.632 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

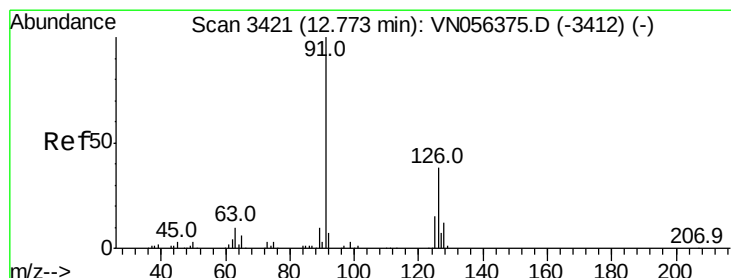
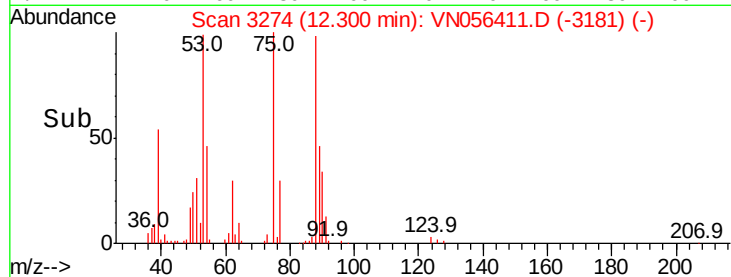
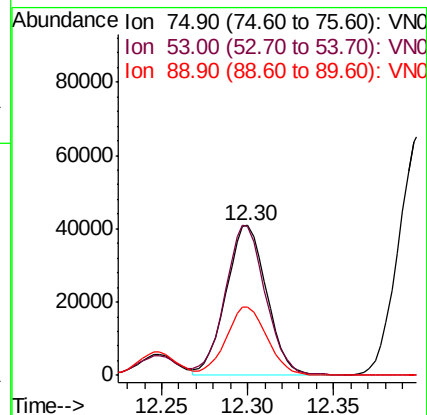
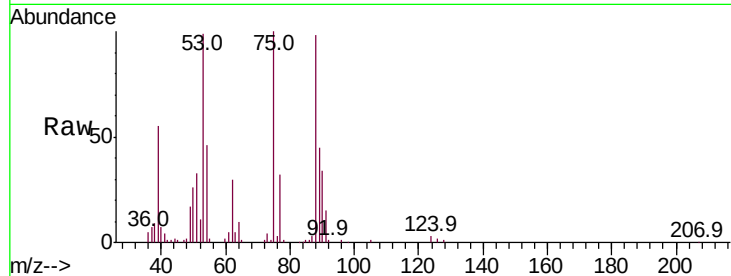
Tot Ion: 75 Resp: 67833

Ion Ratio Lower Upper

75 100

53 98.9 83.9 125.9

89 46.2 35.0 52.6



#82

4-Chlorotoluene

Concen: 49.030 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056411.D

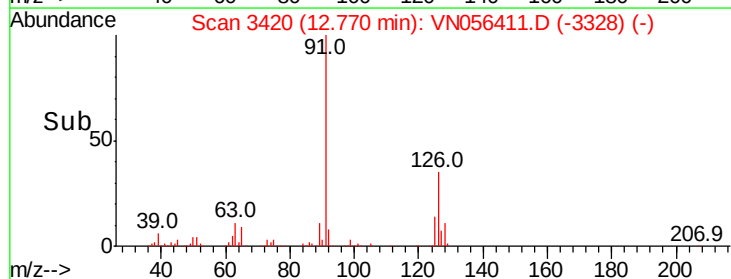
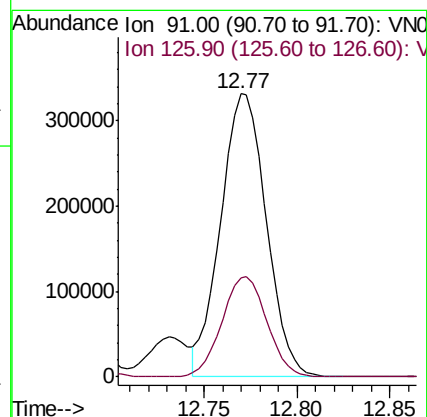
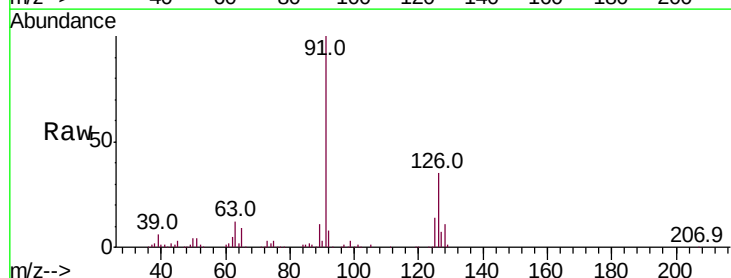
Acq: 21 Jun 2019 9:12

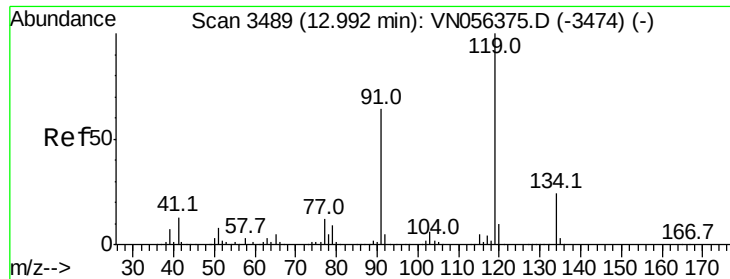
Tgt Ion: 91 Resp: 564217

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0

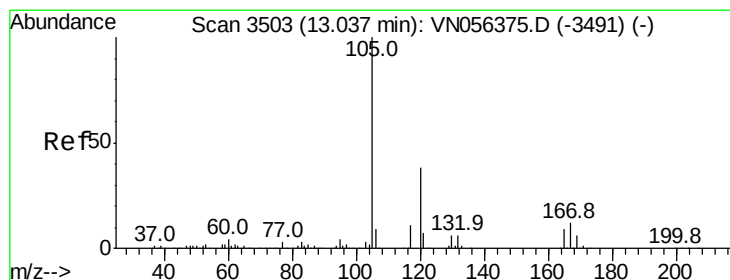
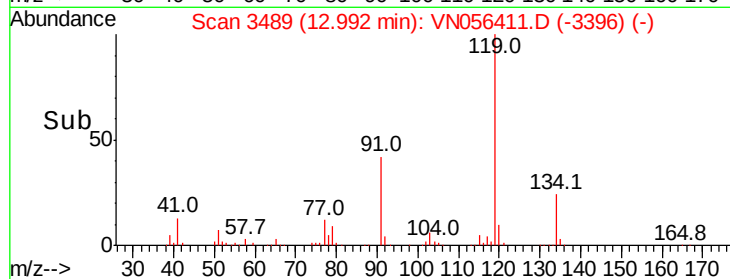
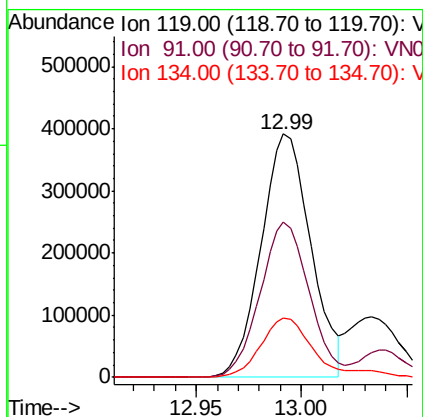
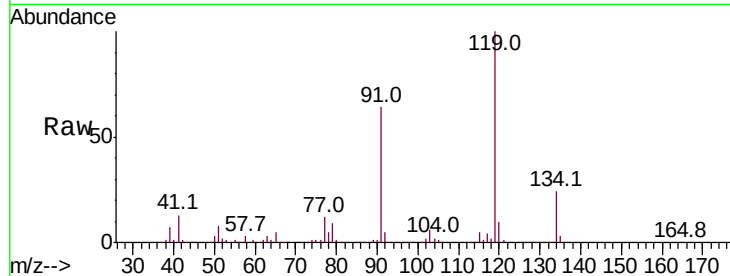




#83
 tert-Butylbenzene
 Concen: 55.313 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

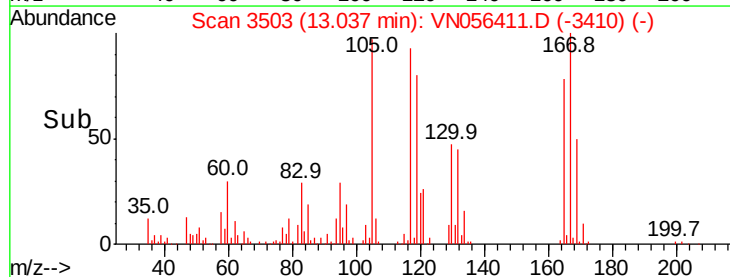
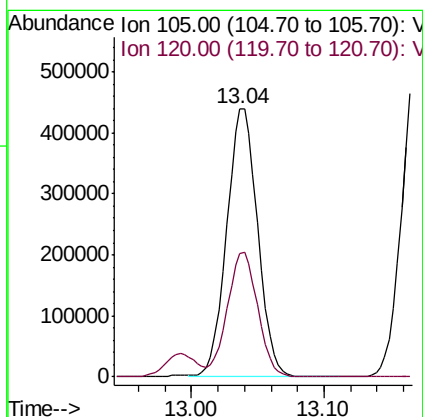
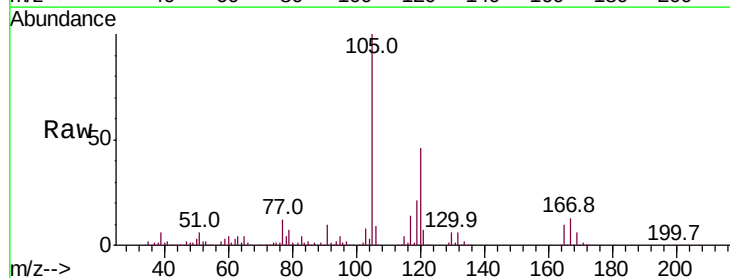
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

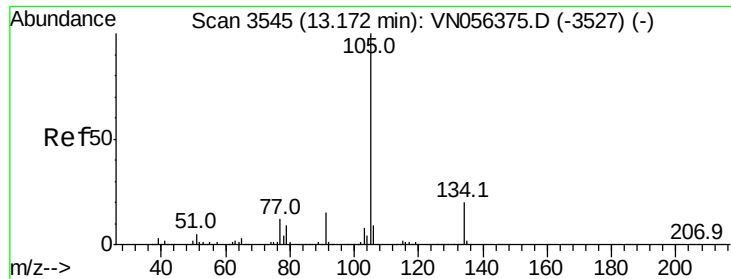
Tot Ion:119 Resp: 642151
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.6 94.7
 134 26.6 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.600 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion:105 Resp: 710645
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.817 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

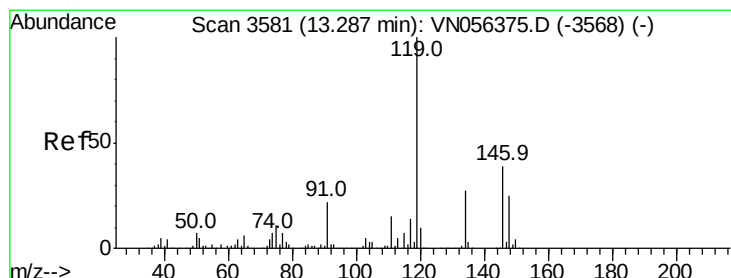
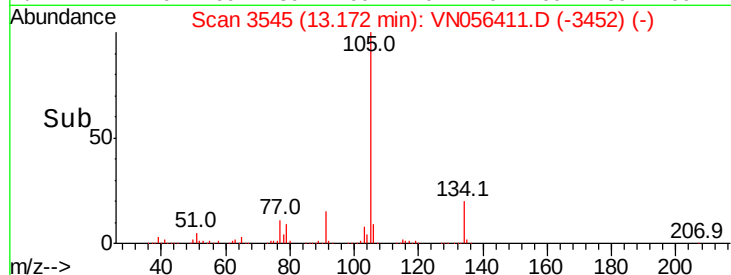
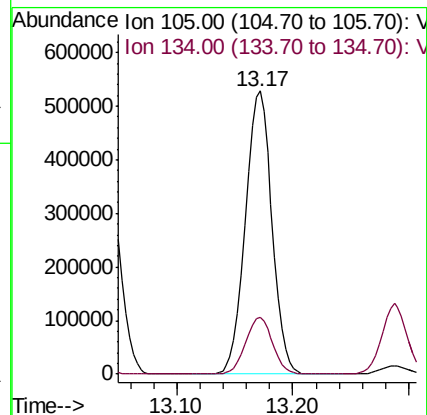
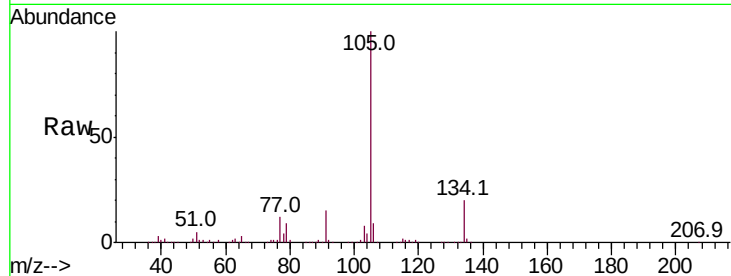
VSTDCCC050

Tot Ion:105 Resp: 836244

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.110 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

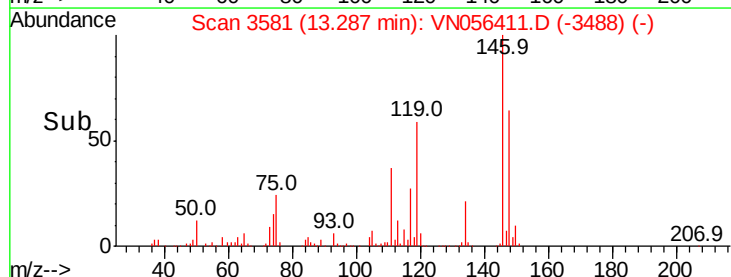
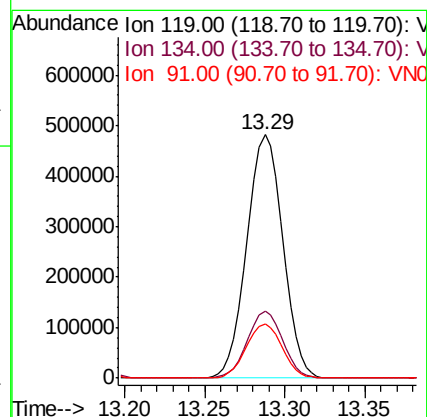
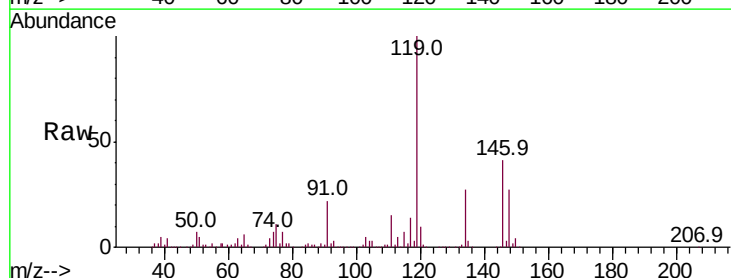
Tgt Ion:119 Resp: 736679

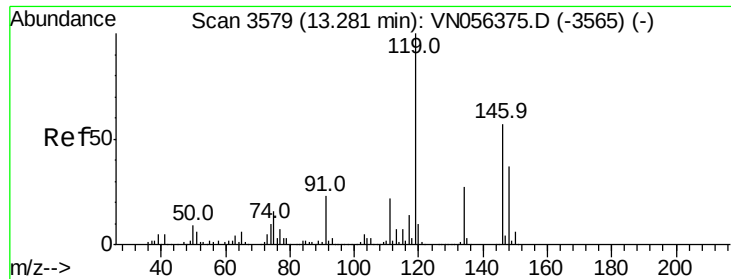
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.3 11.2 33.5

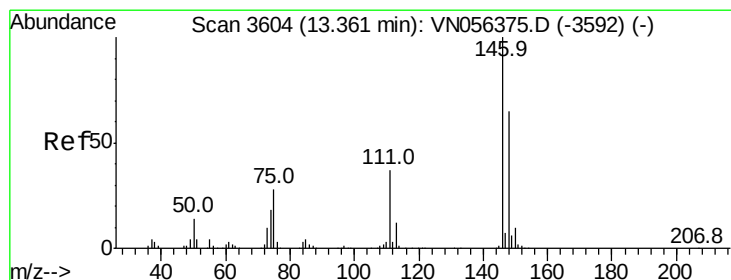
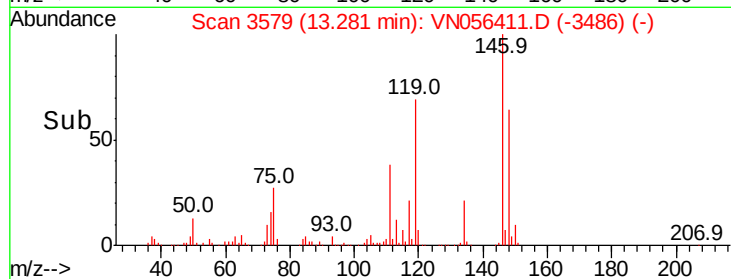
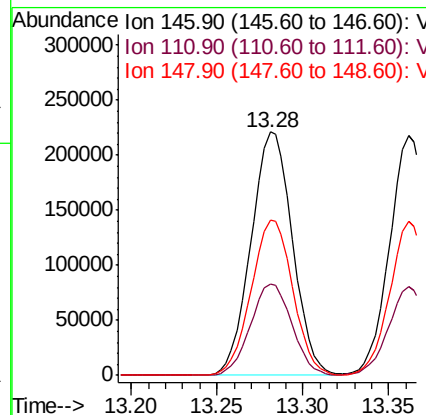
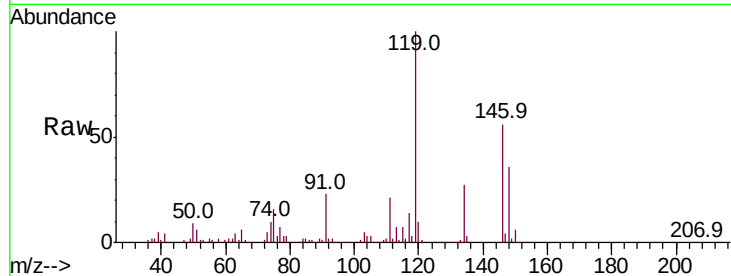




#87
 1,3-Dichlorobenzene
 Concen: 51.198 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

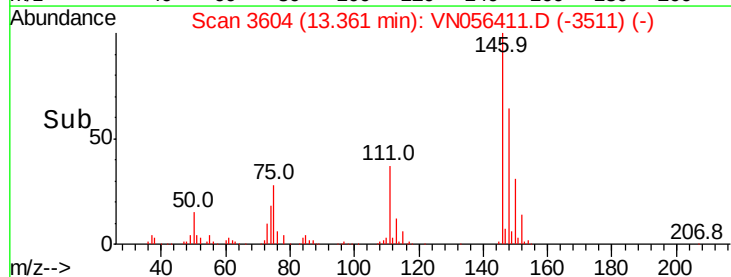
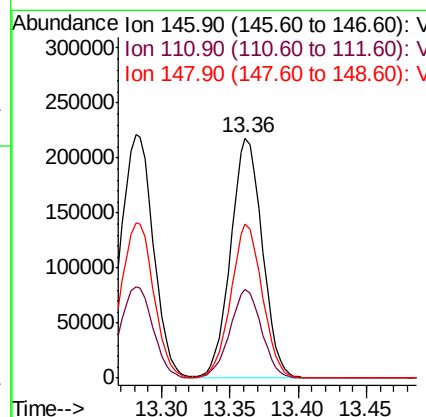
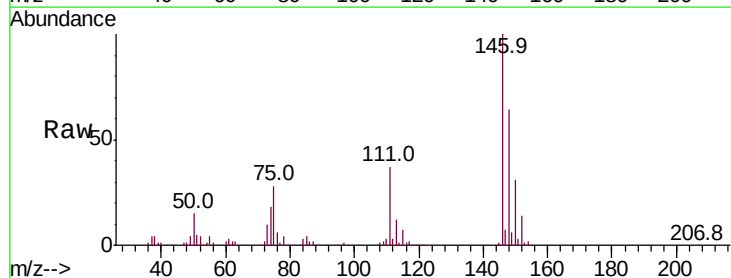
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

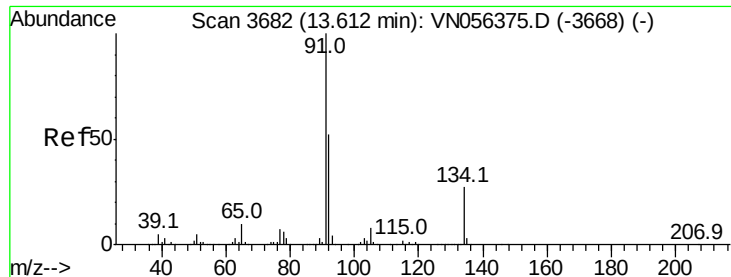
Tot Ion:146 Resp: 369227
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.391 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion:146 Resp: 351954
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.4
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 50.922 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

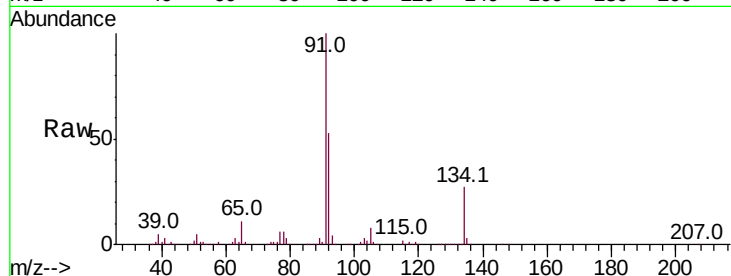
Tot Ion: 91 Resp: 566725

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

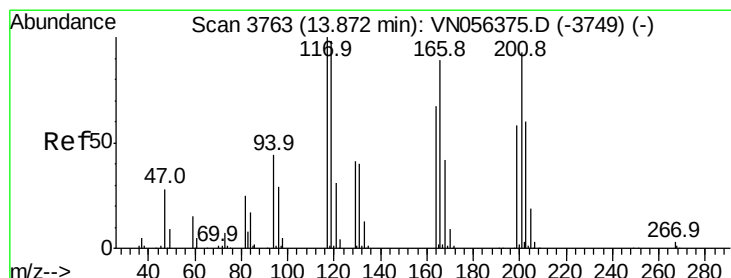
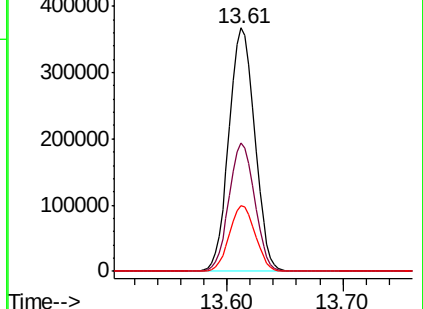
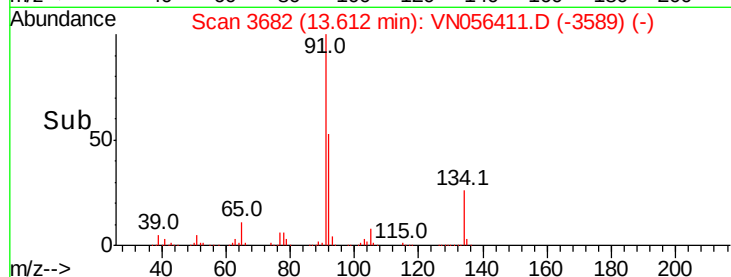
134 26.9 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056411.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN056411.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN056411.D (-3682) (-)



#90

Hexachloroethane

Concen: 52.264 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056411.D

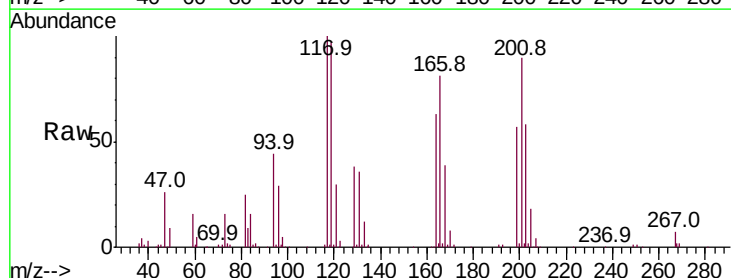
Acq: 21 Jun 2019 9:12

Tgt Ion: 117 Resp: 119788

Ion Ratio Lower Upper

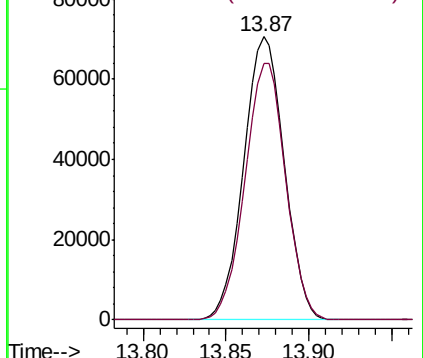
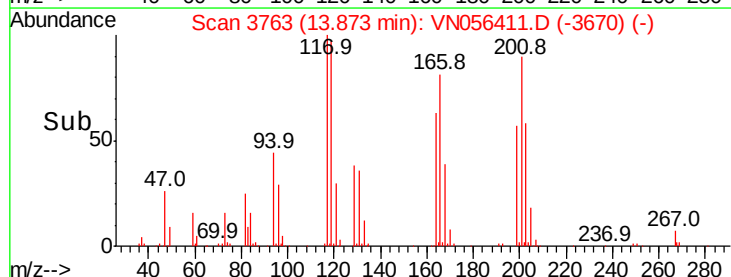
117 100

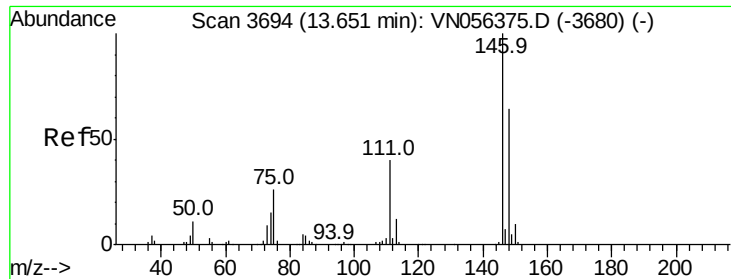
201 90.8 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056411.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN056411.D (-3763) (-)

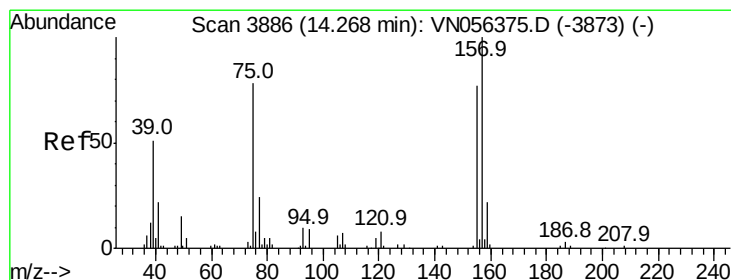
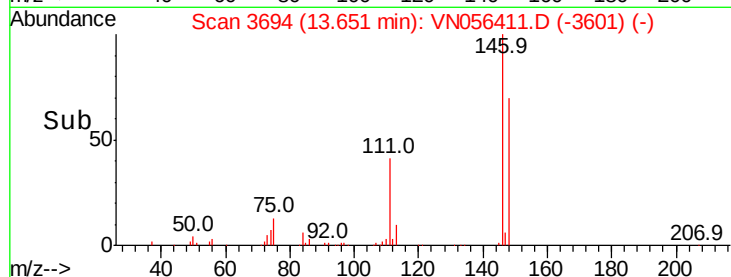
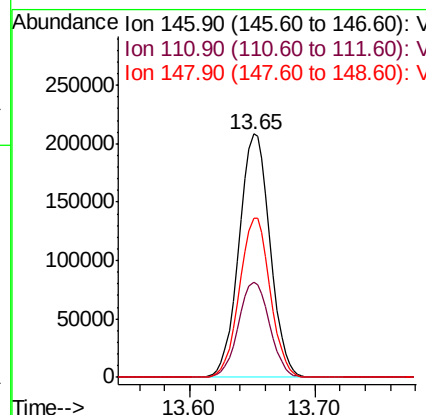
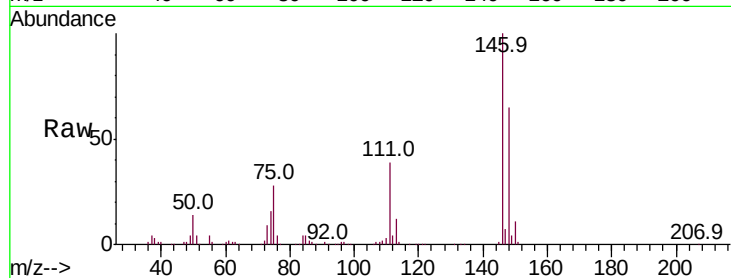




#91
 1,2-Dichlorobenzene
 Concen: 50.022 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

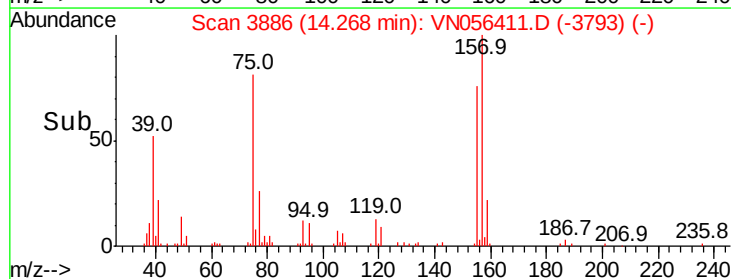
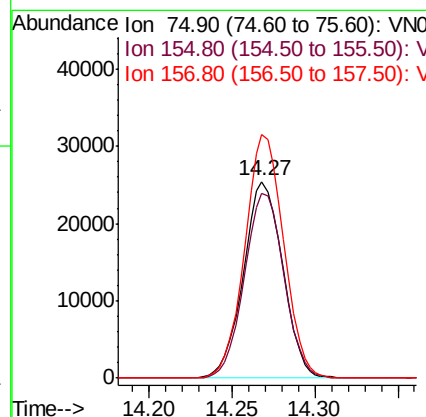
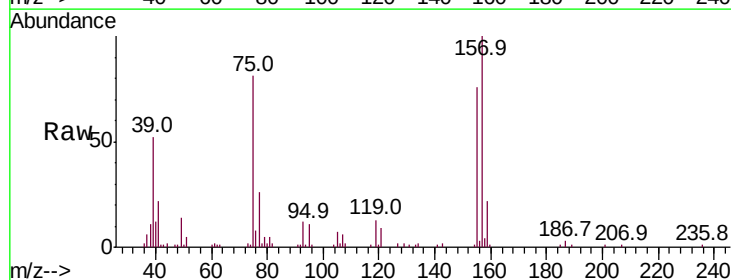
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

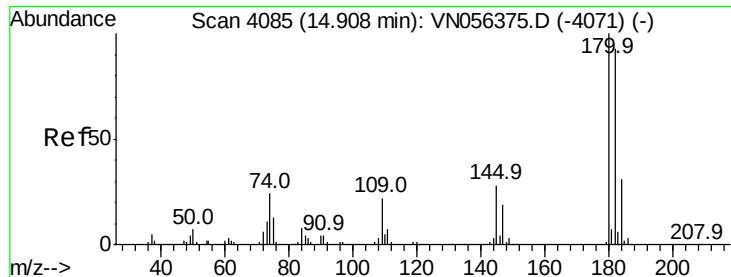
Tot Ion:146 Resp: 357914
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.3 57.9
 148 64.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.242 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion: 75 Resp: 41927
 Ion Ratio Lower Upper
 75 100
 155 94.7 48.9 146.8
 157 122.3 62.9 188.8

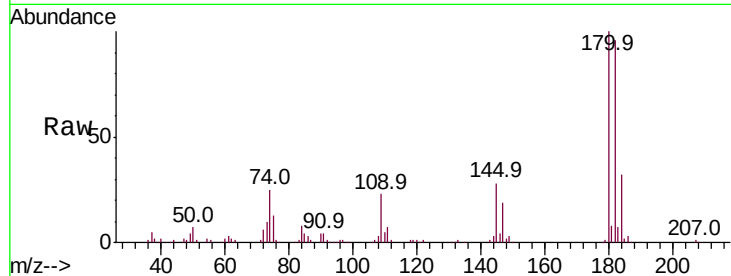




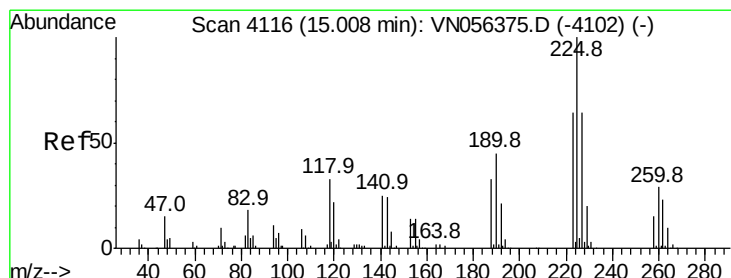
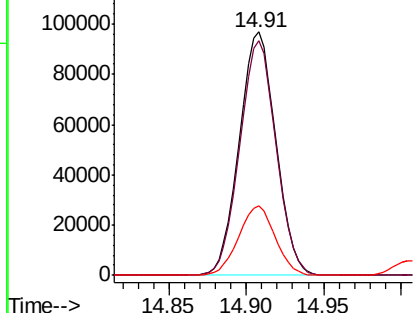
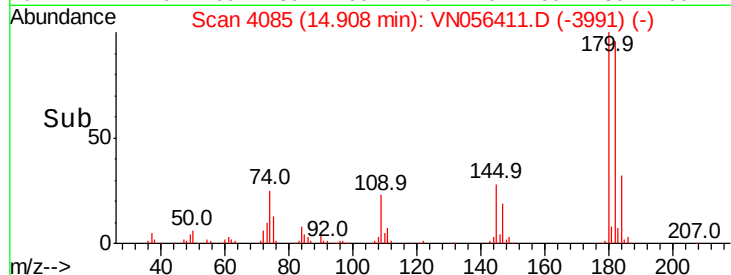
#93
 1,2,4-Trichlorobenzene
 Concen: 43.609 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 159480
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.6
 145 28.6 14.4 43.0

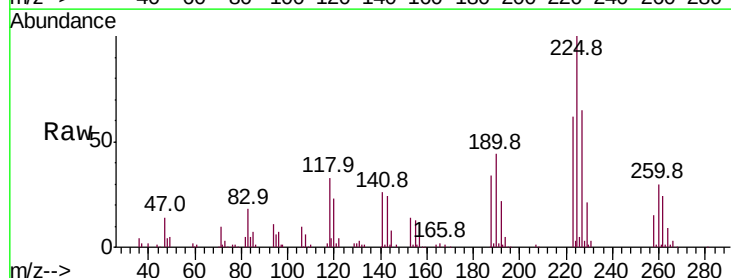


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

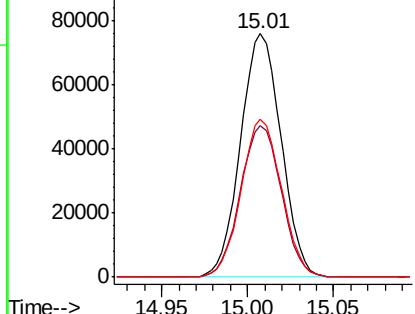
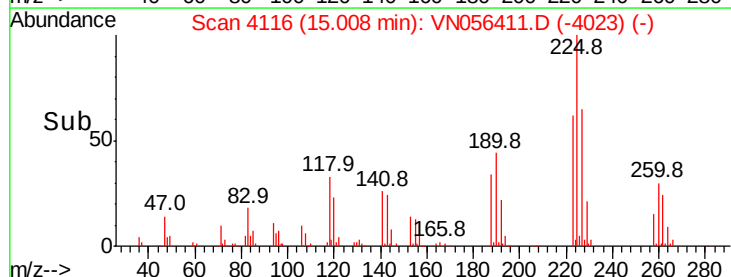


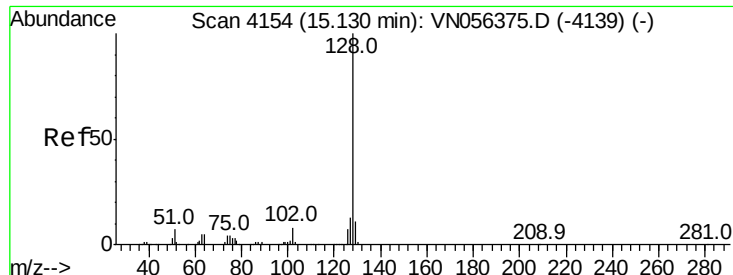
#94
 Hexachlorobutadiene
 Concen: 51.415 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056411.D
 Acq: 21 Jun 2019 9:12

Tgt Ion:225 Resp: 124542
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.4 94.3
 227 64.5 32.1 96.3



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: 45.544 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Instrument :

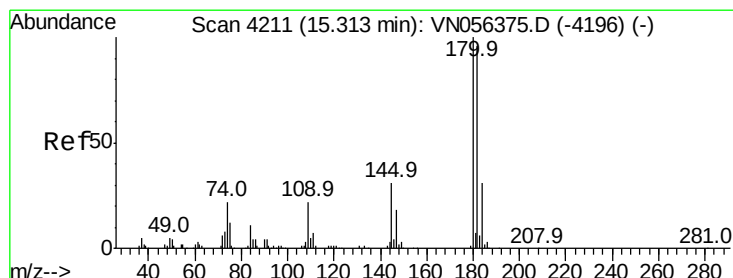
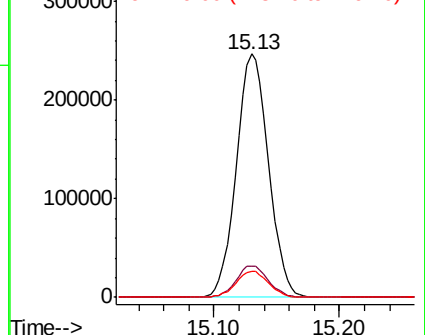
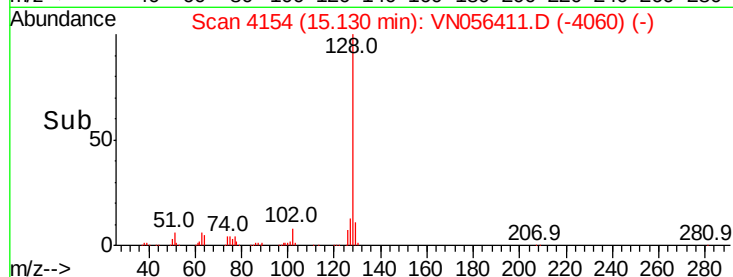
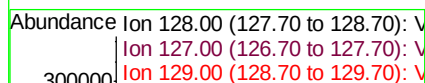
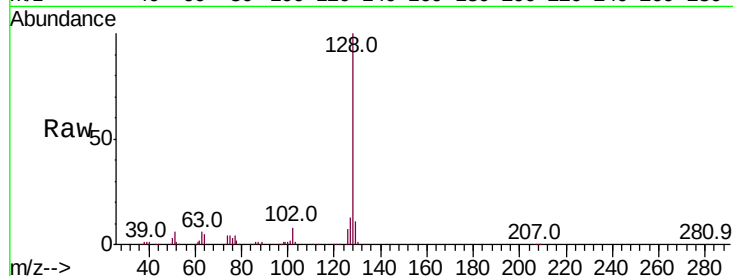
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 438424

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.721 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056411.D

Acq: 21 Jun 2019 9:12

Tgt Ion:180 Resp: 174898

Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.8
145	30.3	15.4	46.1

