

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056593.D
 Acq On : 3 Jul 2019 18:38
 Operator : JC/SP
 Sample : VN0704WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

Quant Time: Jul 03 22:51:04 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	7.67	168	274899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	422977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	374324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	156292	51.30	ug/l	0.00
Spiked Amount						
			Recovery	=	102.60%	
35) Dibromofluoromethane	7.59	113	135408	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
50) Toluene-d8	10.09	98	507356	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	170912	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	44020	18.911	ug/l	100
3) Chloromethane	2.06	50	59743	18.850	ug/l	95
4) Vinyl Chloride	2.18	62	57964	18.935	ug/l	99
5) Bromomethane	2.53	94	34364	19.149	ug/l	100
6) Chloroethane	2.68	64	32332	18.238	ug/l	96
7) Trichlorofluoromethane	3.00	101	79377	20.046	ug/l	100
8) Diethyl Ether	3.41	74	34573	20.630	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	51161	20.260	ug/l	98
10) Methyl Iodide	3.95	142	62692	18.369	ug/l	98
11) Tert butyl alcohol	4.80	59	63414	123.578	ug/l	98
12) 1,1-Dichloroethene	3.73	96	47695	19.640	ug/l	96
13) Acrolein	3.60	56	23257	53.775	ug/l	96
14) Allyl chloride	4.32	41	82575	20.427	ug/l	99
15) Acrylonitrile	4.99	53	157917	111.239	ug/l	99
16) Acetone	3.82	43	135228	88.590	ug/l	99
17) Carbon Disulfide	4.05	76	88034	15.938	ug/l	99
18) Methyl Acetate	4.33	43	71199	23.352	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	171130	21.297	ug/l	99
20) Methylene Chloride	4.55	84	59134	20.016	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	50267	19.199	ug/l	97
22) Diisopropyl ether	5.95	45	189655	22.340	ug/l	99
23) Vinyl Acetate	5.90	43	755380	112.810	ug/l	100
24) 1,1-Dichloroethane	5.85	63	103593	21.257	ug/l	99
25) 2-Butanone	6.84	43	217167	107.494	ug/l	100
26) 2,2-Dichloropropane	6.83	77	65682	19.379	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	63313	20.669	ug/l	99
28) Bromochloromethane	7.19	49	50241	20.843	ug/l	97
29) Tetrahydrofuran	7.21	42	143828	116.498	ug/l	99
30) Chloroform	7.37	83	103050	21.430	ug/l	98
31) Cyclohexane	7.65	56	90340	19.202	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	79241	20.789	ug/l	99
36) 1,1-Dichloropropene	7.79	75	72946	19.594	ug/l	99
37) Ethyl Acetate	6.93	43	85399	23.341	ug/l	99
38) Carbon Tetrachloride	7.77	117	64955	19.951	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	84339	18.359	ug/l	97
40) Benzene	8.04	78	232217	20.278	ug/l	99
41) Methacrylonitrile	7.17	41	32430	20.073	ug/l	95
42) 1,2-Dichloroethane	8.13	62	79693	21.087	ug/l	98
43) Isopropyl Acetate	8.17	43	129686	22.987	ug/l	99
44) Trichloroethene	8.83	130	60953	19.759	ug/l	99
45) 1,2-Dichloropropane	9.12	63	64928	21.200	ug/l	98
46) Dibromomethane	9.21	93	39070	20.390	ug/l	98
47) Bromodichloromethane	9.40	83	71791	21.125	ug/l	99
48) Methyl methacrylate	9.20	41	61536	21.766	ug/l	99
49) 1,4-Dioxane	9.20	88	27628	470.912	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	428979	117.809	ug/l	100
52) Toluene	10.16	92	141472	20.206	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	74057	20.520	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	86012	21.018	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	61103	21.712	ug/l	97
56) Ethyl methacrylate	10.43	69	92215	22.421	ug/l	99
57) 1,3-Dichloropropane	10.71	76	101419	21.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	225242	152.444	ug/l	99
59) 2-Hexanone	10.75	43	305942	114.318	ug/l	100
60) Dibromochloromethane	10.90	129	55952	20.803	ug/l	98
61) 1,2-Dibromoethane	11.00	107	60060	20.895	ug/l	99
64) Tetrachloroethene	10.63	164	55193	18.619	ug/l	96
65) Chlorobenzene	11.43	112	149834	19.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54786	21.552	ug/l	98
67) Ethyl Benzene	11.51	91	264889	20.057	ug/l	100
68) m/p-Xylenes	11.62	106	196479	40.595	ug/l	99
69) o-Xylene	11.95	106	97456	20.353	ug/l	99
70) Styrene	11.96	104	161525	21.104	ug/l	99
71) Bromoform	12.13	173	38109	20.557	ug/l #	99
73) Isopropylbenzene	12.25	105	258997	20.082	ug/l	100
74) N-amyl acetate	12.07	43	106255	21.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	90067	22.685	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	102301	31.034	ug/l #	100
77) Bromobenzene	12.53	156	66239	18.634	ug/l	94
78) n-propylbenzene	12.59	91	281175	19.314	ug/l	99
79) 2-Chlorotoluene	12.67	91	172924	20.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	216627	20.310	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	19667	21.205	ug/l	95
82) 4-Chlorotoluene	12.77	91	168472	19.599	ug/l	99
83) tert-Butylbenzene	12.99	119	188764	19.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	214199	20.014	ug/l	99
85) sec-Butylbenzene	13.17	105	245322	19.172	ug/l	99
86) p-Isopropyltoluene	13.29	119	217333	19.791	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	109452	20.318	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	104353	20.002	ug/l	99
89) n-Butylbenzene	13.61	91	171820	20.668	ug/l	99
90) Hexachloroethane	13.87	117	30369	17.738	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	112647	21.076	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14436	24.541	ug/l	96

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

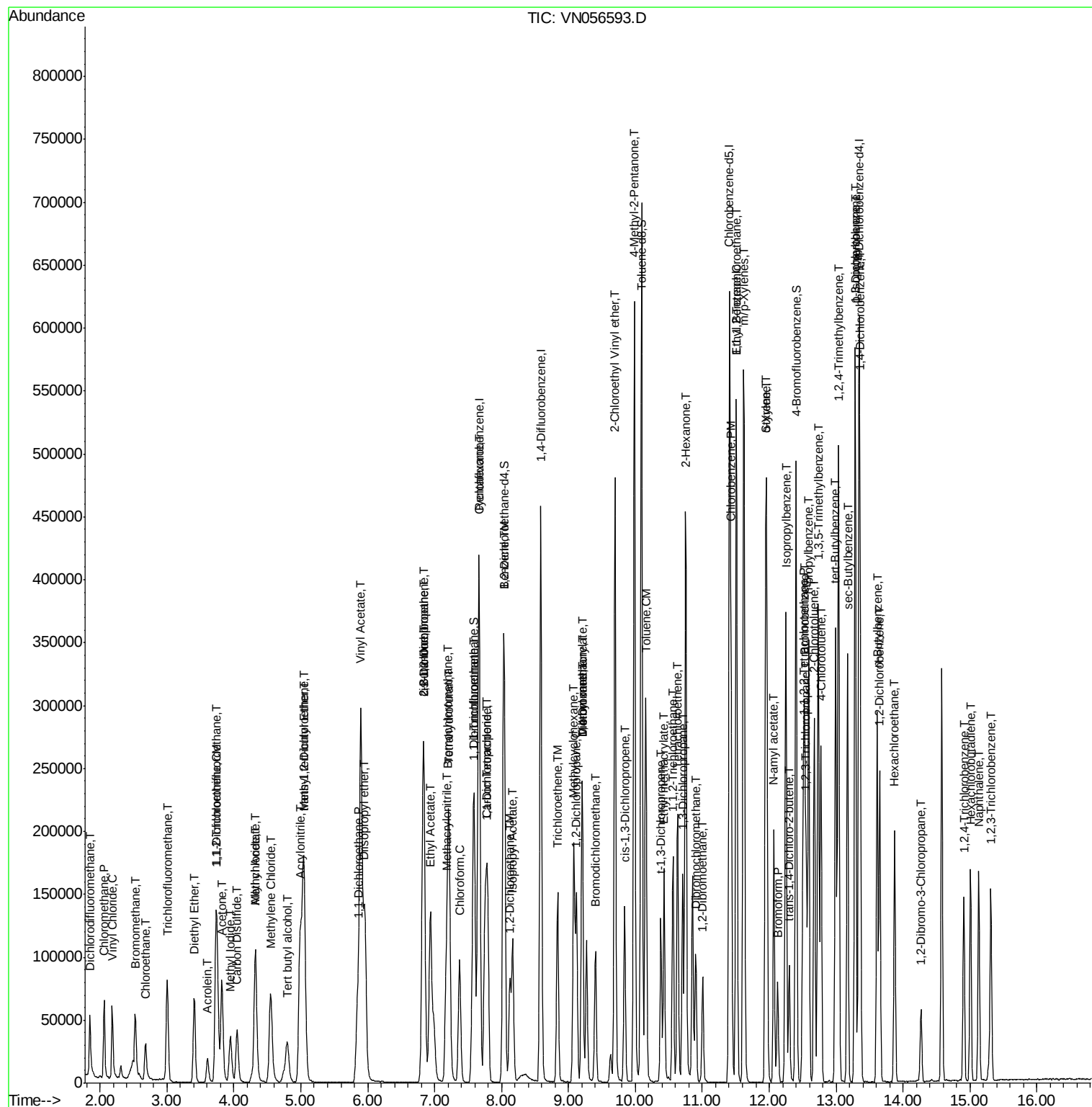
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51914	22.172	ug/l	99
94) Hexachlorobutadiene	15.01	225	35612	18.477	ug/l	98
95) Naphthalene	15.13	128	147708	23.421	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56962	22.462	ug/l	99

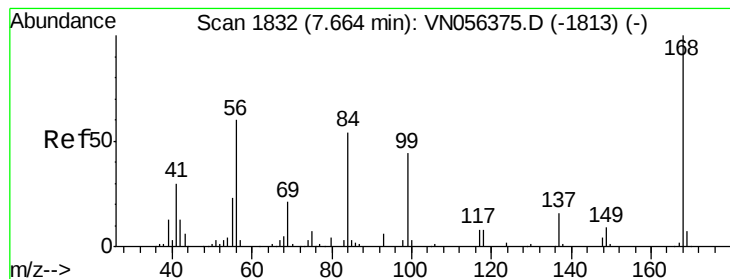
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

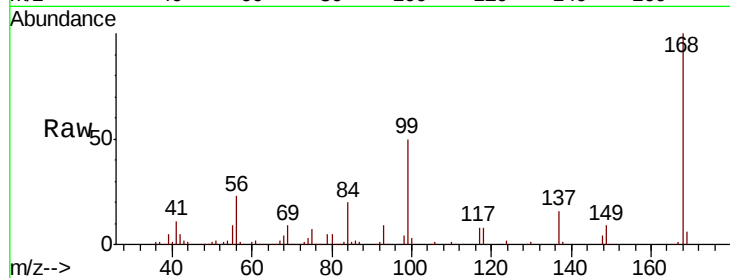
VN0704WBS01

Tot Ion:168 Resp: 274899

Ion Ratio Lower Upper

168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

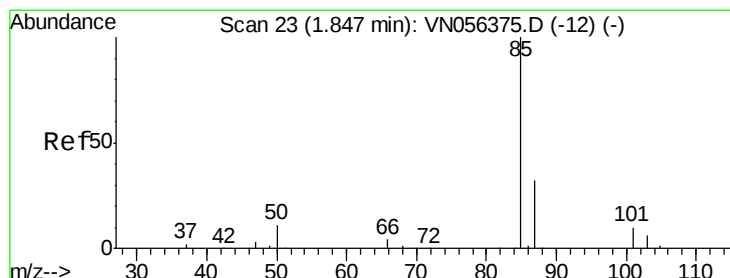
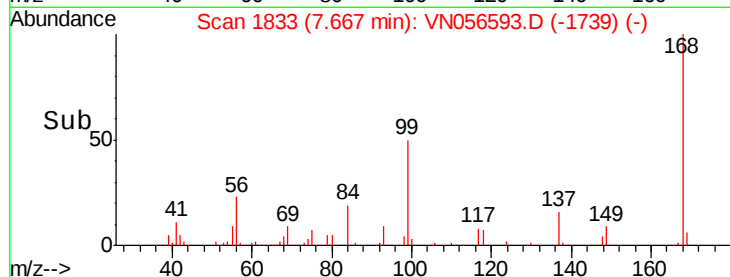
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.911 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056593.D

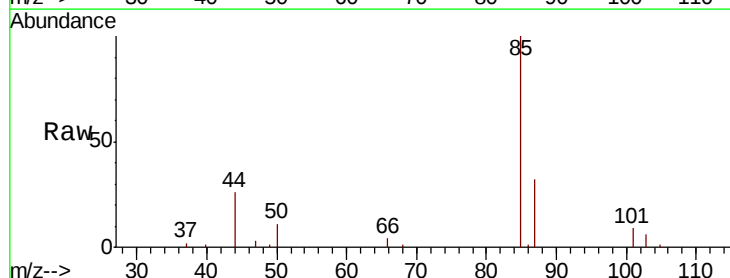
Acq: 3 Jul 2019 18:38

Tgt Ion: 85 Resp: 44020

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

30000

25000

20000

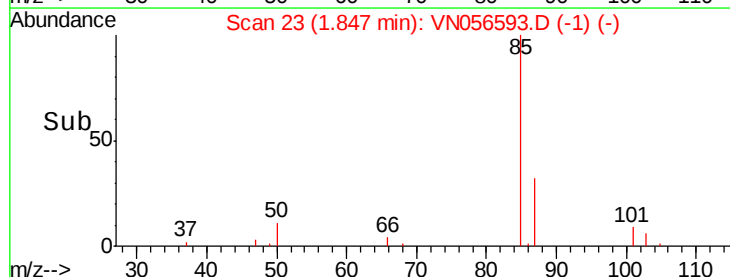
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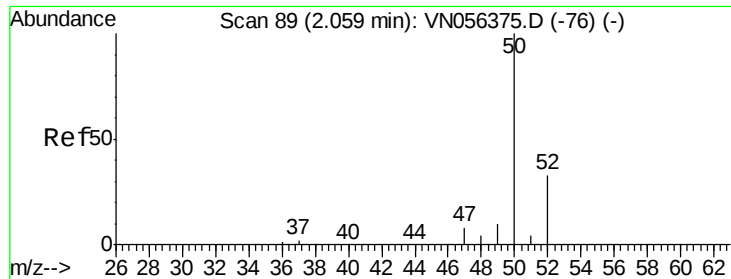
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.850 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

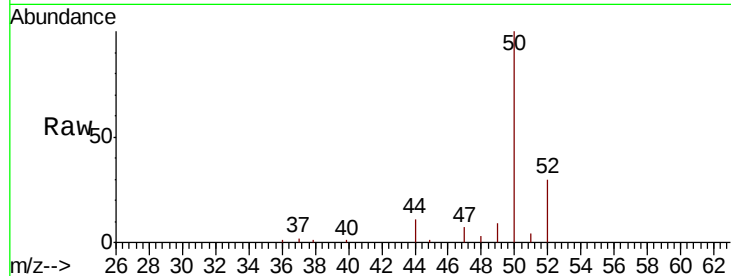
VN0704WBS01

Tot Ion: 50 Resp: 59743

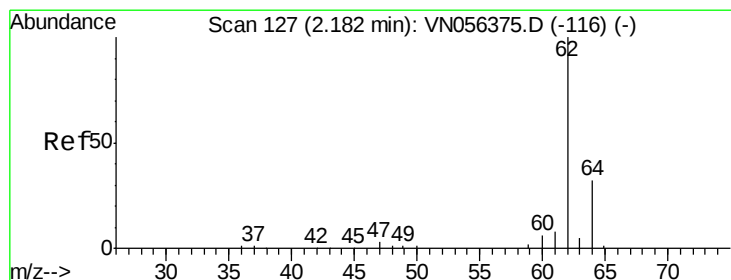
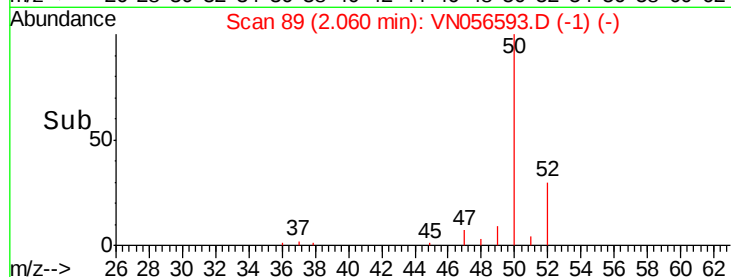
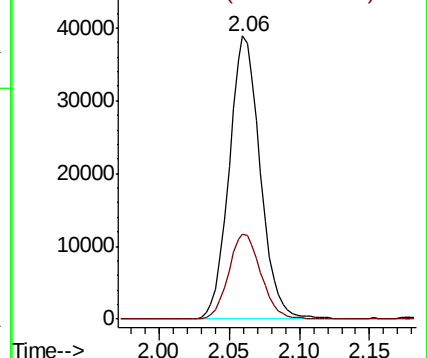
Ion Ratio Lower Upper

50 100

52 30.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.935 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056593.D

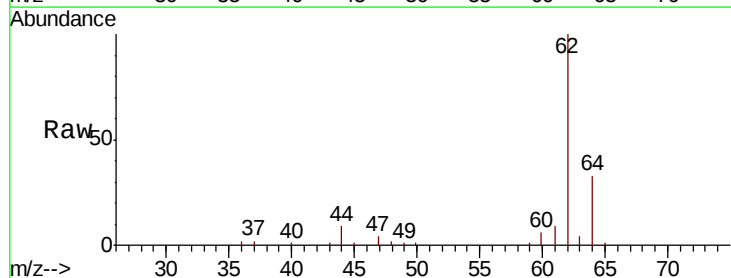
Acq: 3 Jul 2019 18:38

Tgt Ion: 62 Resp: 57964

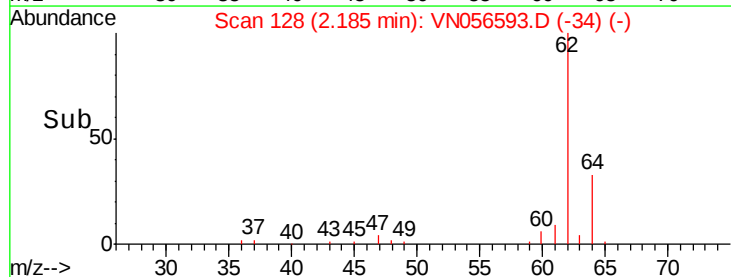
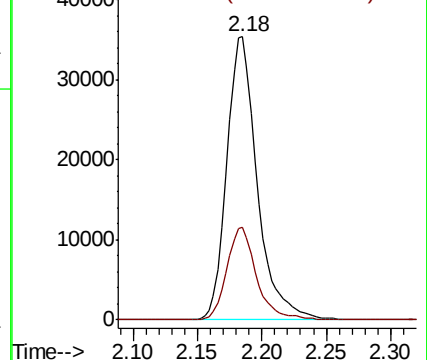
Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO

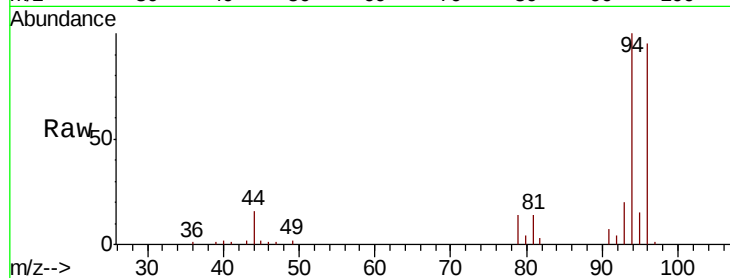




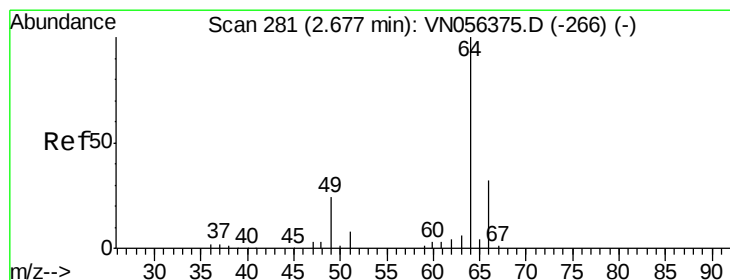
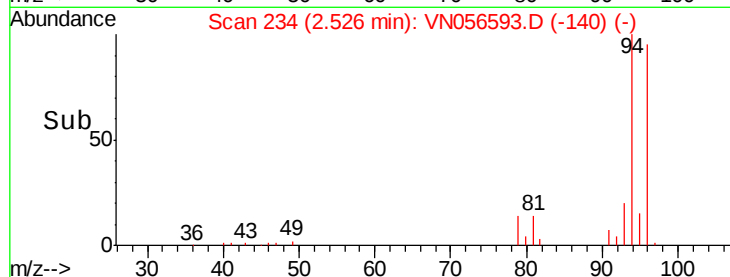
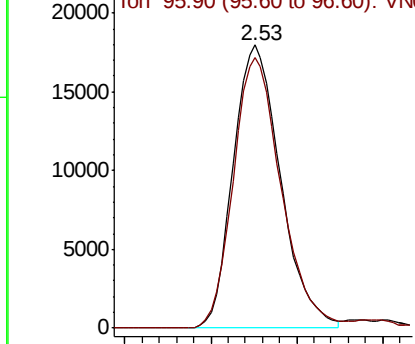
#5
Bromomethane
Concen: 19.149 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 94 Resp: 34364
Ion Ratio Lower Upper
94 100
96 95.5 76.0 114.0

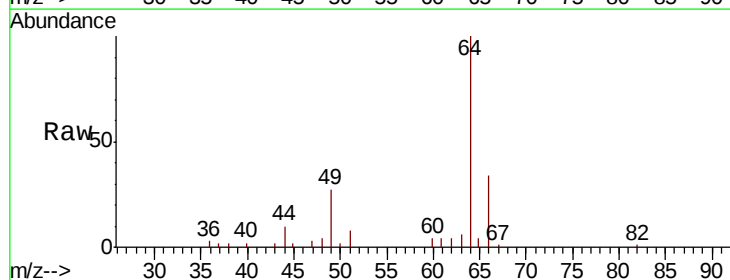


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

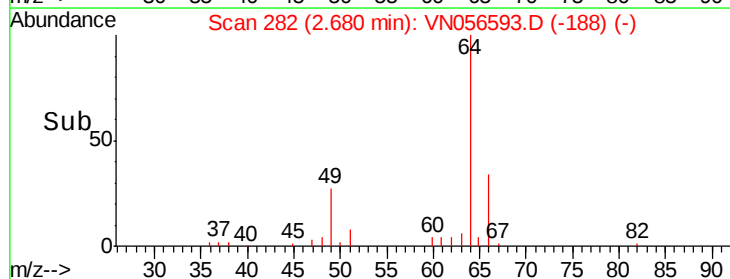
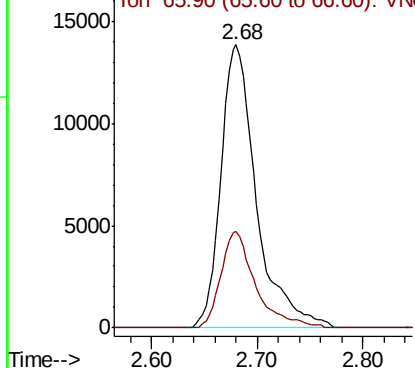


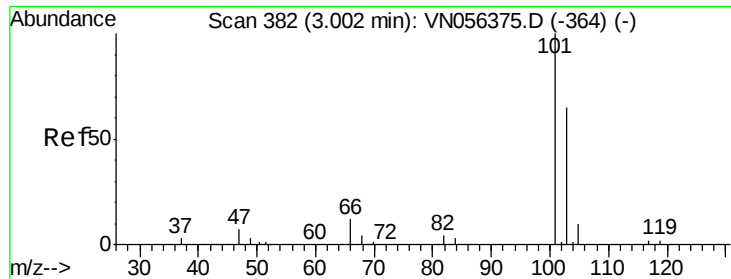
#6
Chloroethane
Concen: 18.238 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 64 Resp: 32332
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



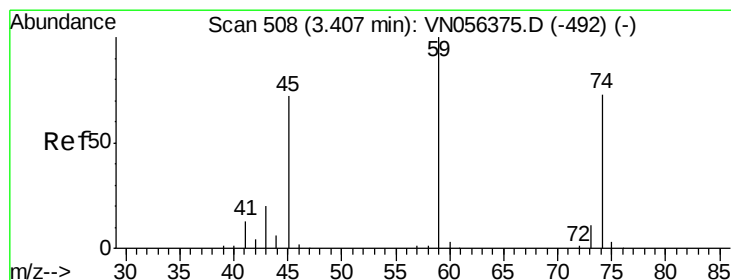
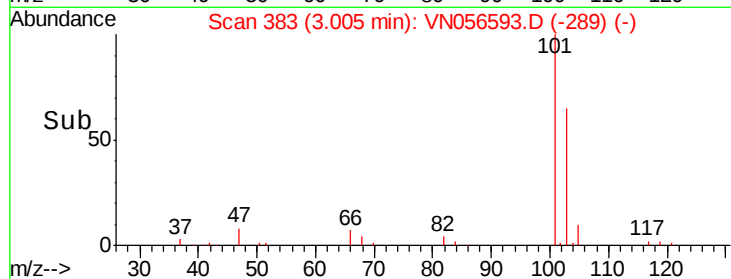
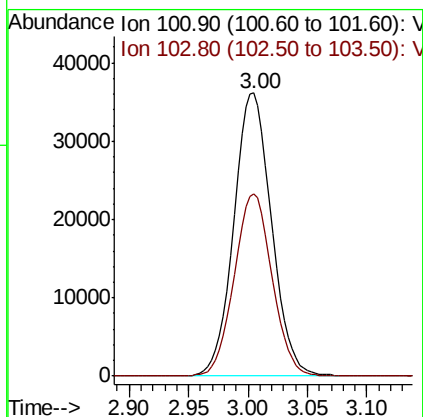
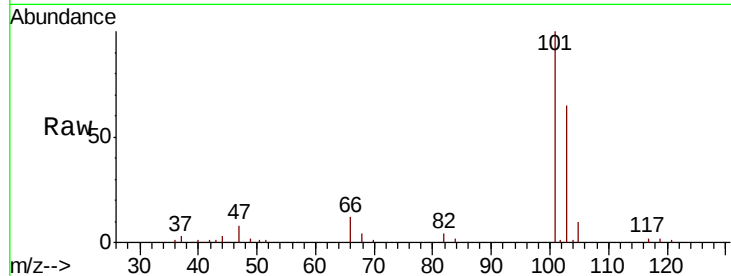


#7

Trichlorofluoromethane
Concen: 20.046 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Instrument :
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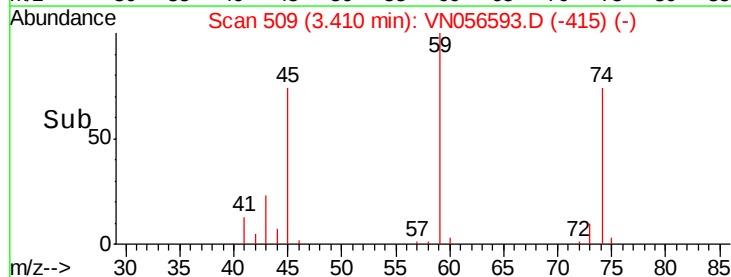
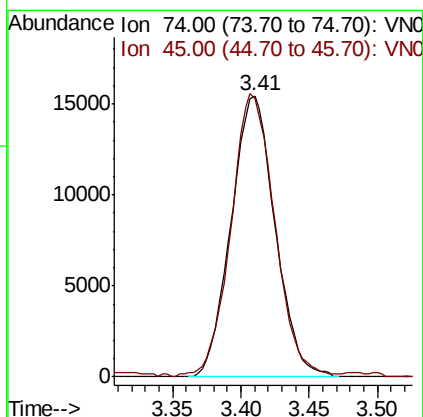
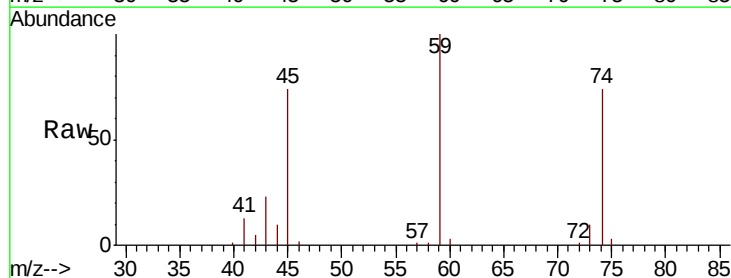
Tot Ion:101 Resp: 79377
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

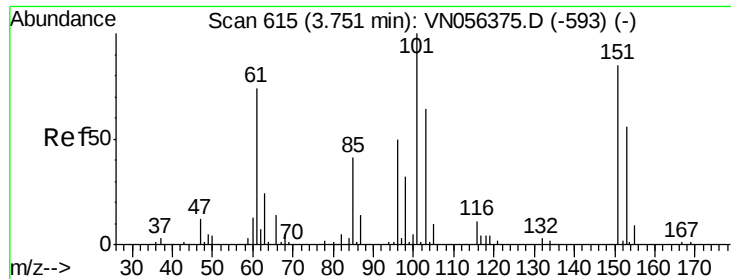


#8

Diethyl Ether
Concen: 20.630 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 74 Resp: 34573
Ion Ratio Lower Upper
74 100
45 100.4 48.9 146.6

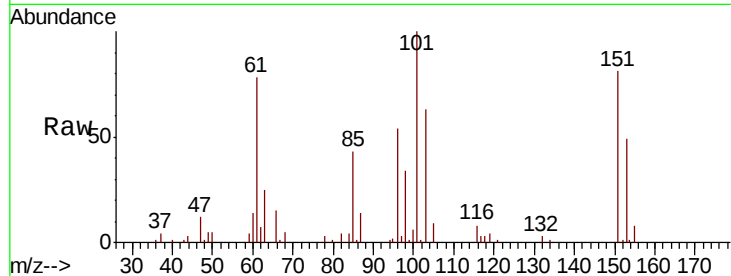




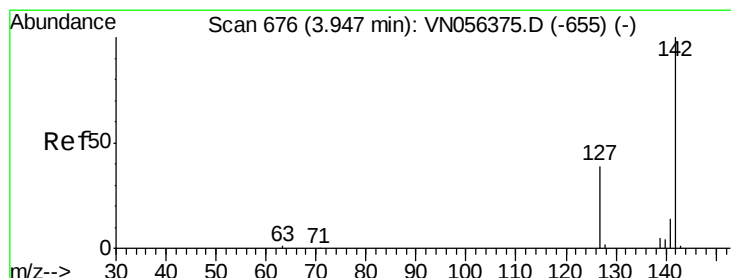
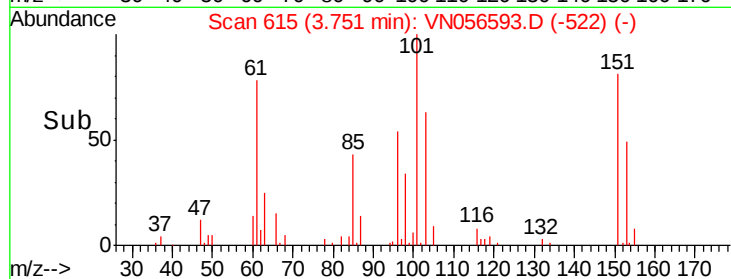
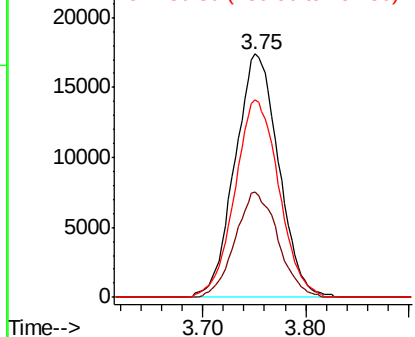
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.260 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

Tot Ion:101 Resp: 51161
 Ion Ratio Lower Upper
 101 100
 85 42.4 32.7 49.1
 151 82.0 66.8 100.2

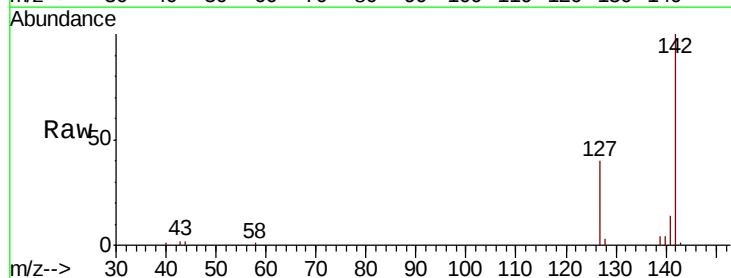


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

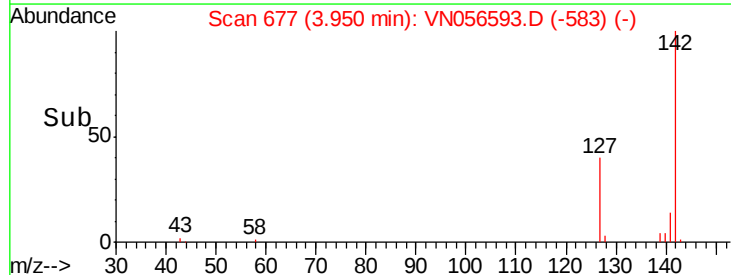
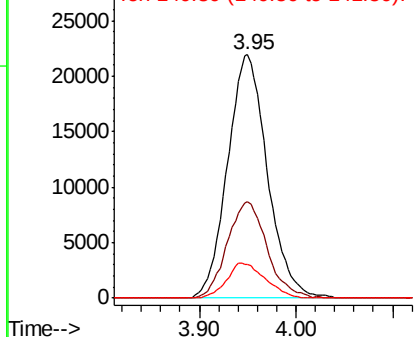


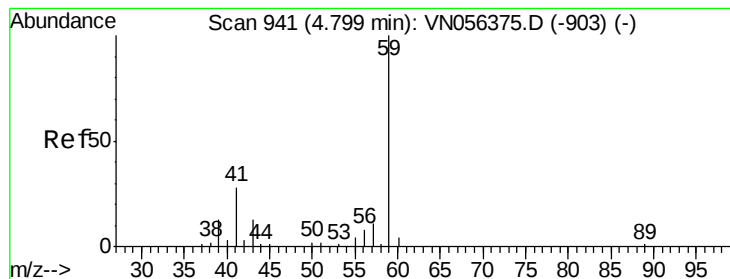
#10
 Methyl Iodide
 Concen: 18.369 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion:142 Resp: 62692
 Ion Ratio Lower Upper
 142 100
 127 39.5 30.6 46.0
 141 14.0 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



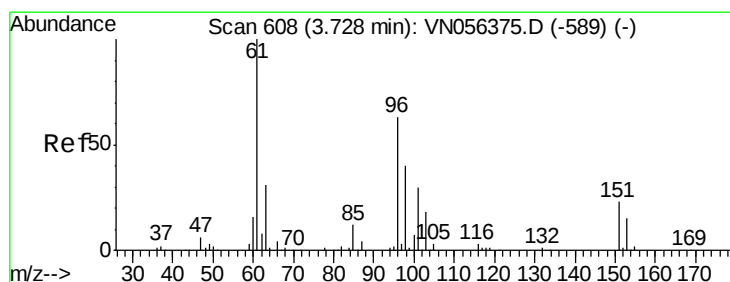
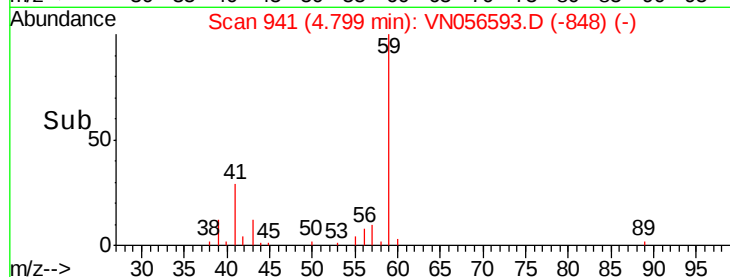
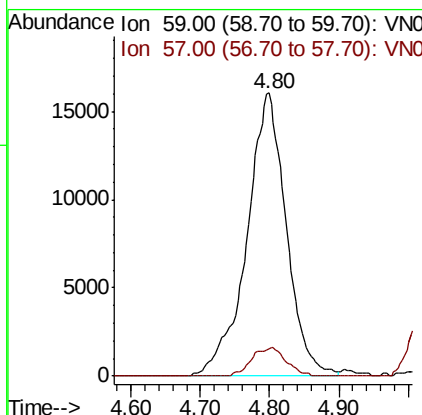
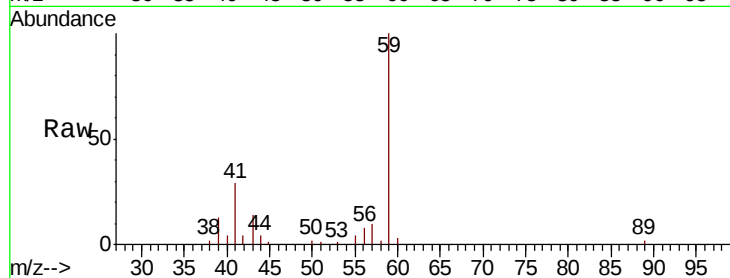


#11

Tert butyl alcohol
 Concen: 123.578 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

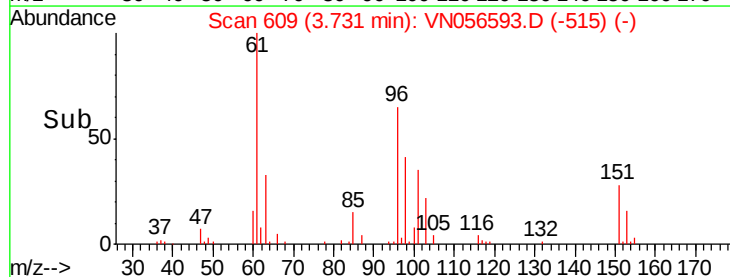
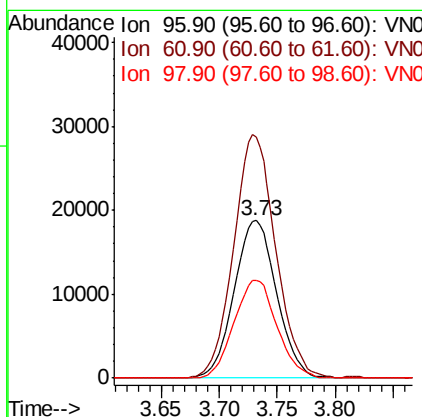
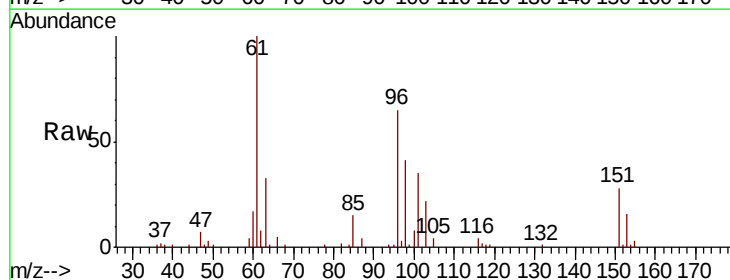
Tot Ion: 59 Resp: 63414
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.6 11.4

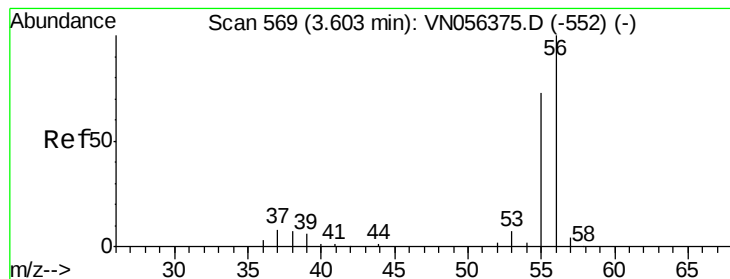


#12

1,1-Dichloroethene
 Concen: 19.640 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 96 Resp: 47695
 Ion Ratio Lower Upper
 96 100
 61 152.9 126.6 190.0
 98 61.9 51.1 76.7





#13

Acrolein

Concen: 53.775 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

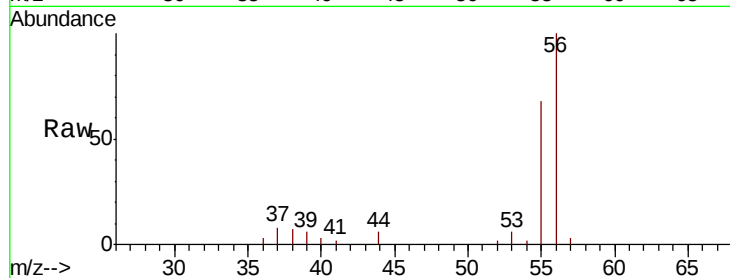
VN0704WBS01

Tot Ion: 56 Resp: 23257

Ion Ratio Lower Upper

56 100

55 68.1 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

10000

8000

6000

4000

2000

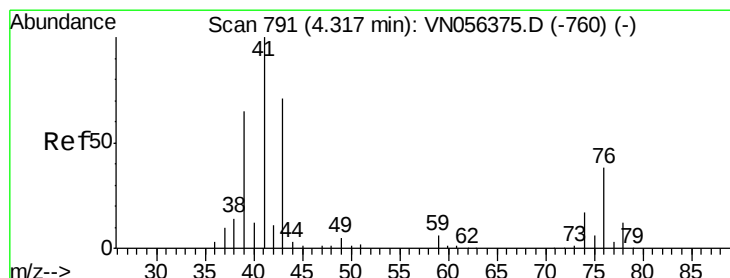
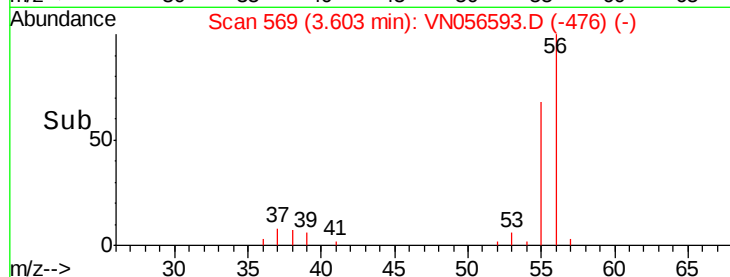
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 20.427 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

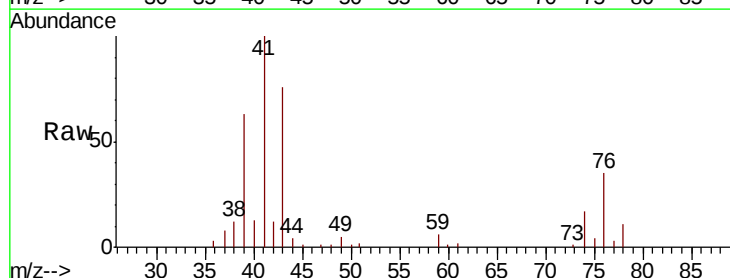
Tgt Ion: 41 Resp: 82575

Ion Ratio Lower Upper

41 100

39 61.3 48.6 73.0

76 32.5 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

4.32

30000

20000

10000

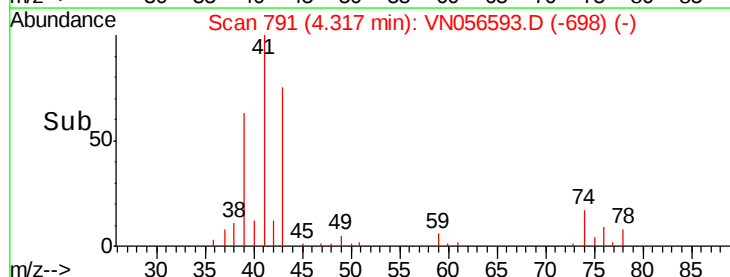
0

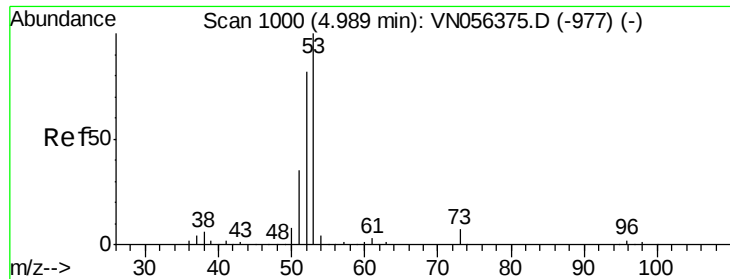
Time-->

4.20

4.30

4.40

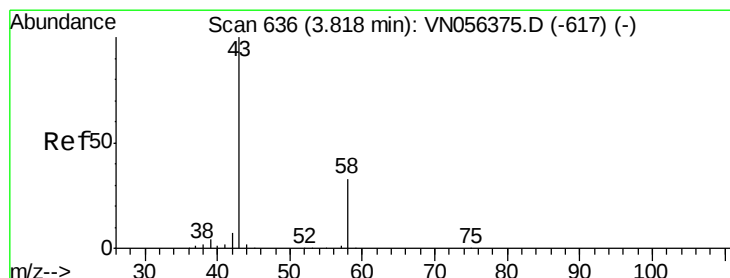
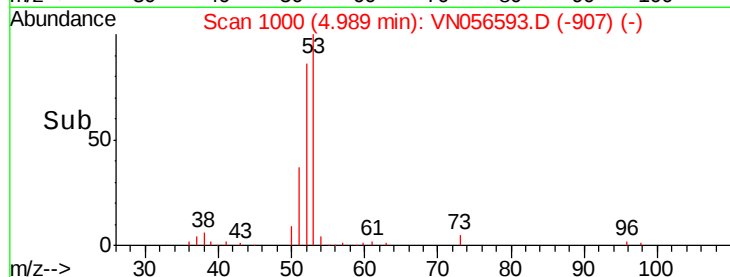
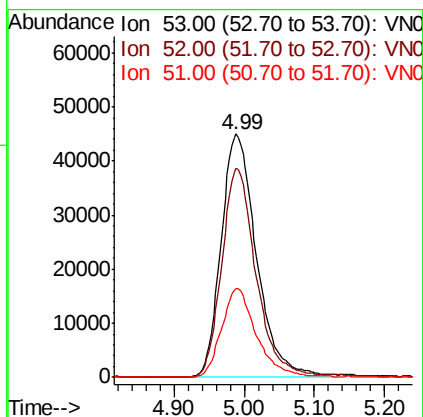
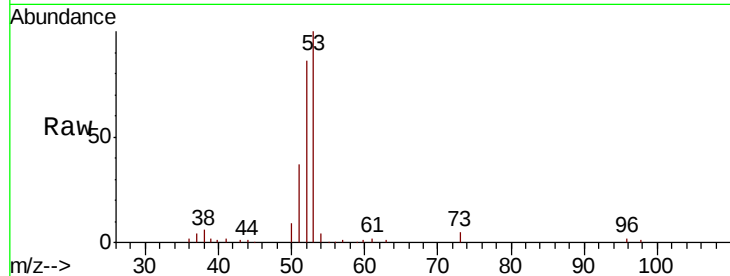




#15
 Acrylonitrile
 Concen: 111.239 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

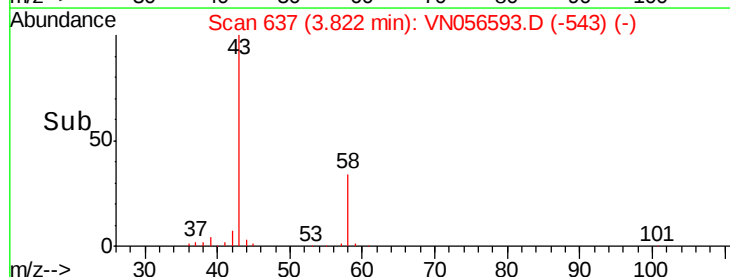
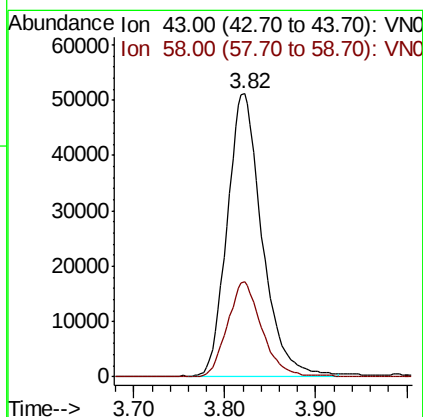
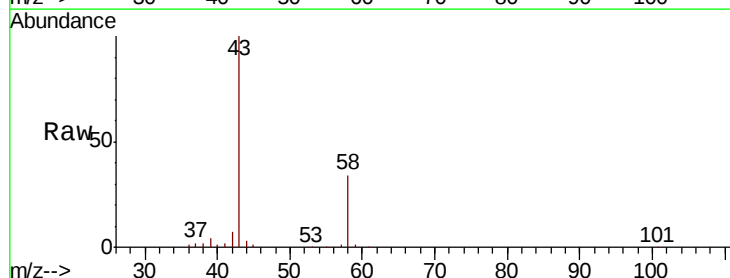
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

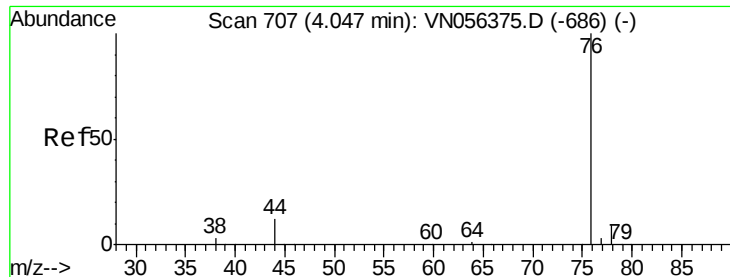
Tot Ion: 53 Resp: 157917
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.9 98.9
 51 35.9 28.3 42.5



#16
 Acetone
 Concen: 88.590 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 43 Resp: 135228
 Ion Ratio Lower Upper
 43 100
 58 33.7 26.4 39.6

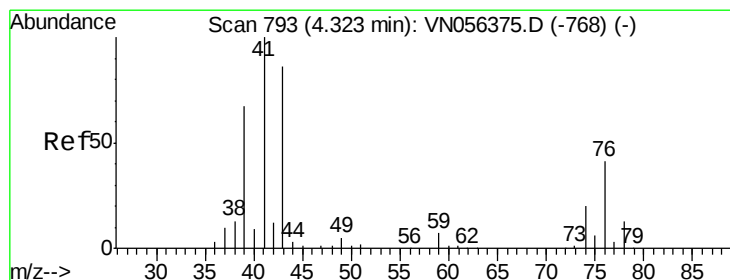
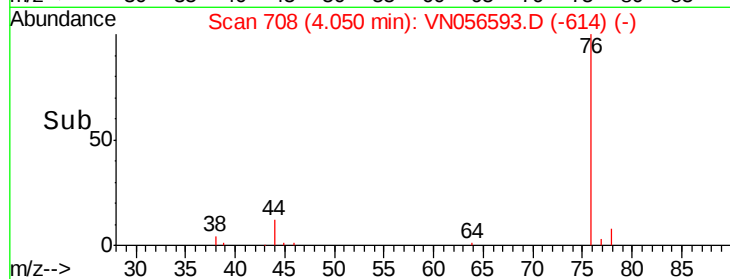
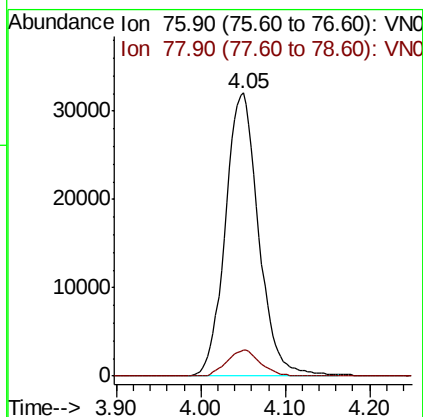
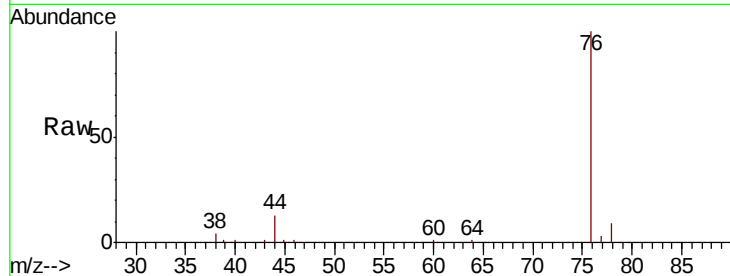




#17
Carbon Disulfide
Concen: 15.938 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

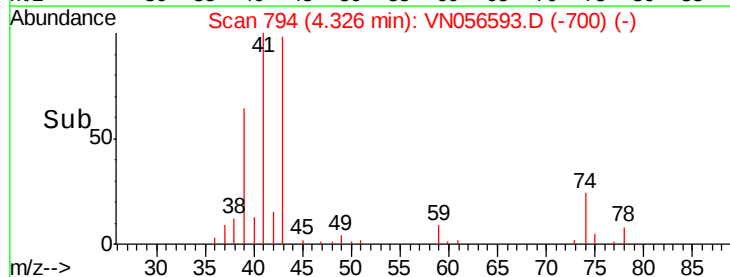
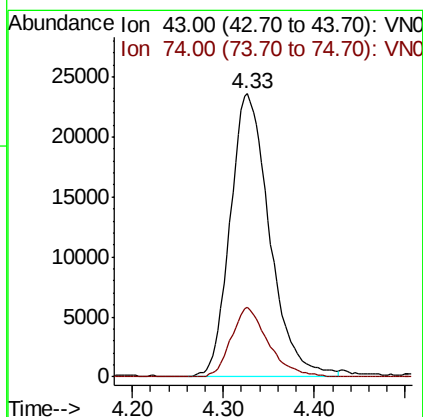
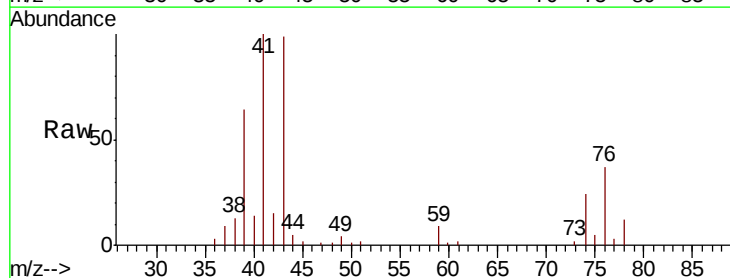
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

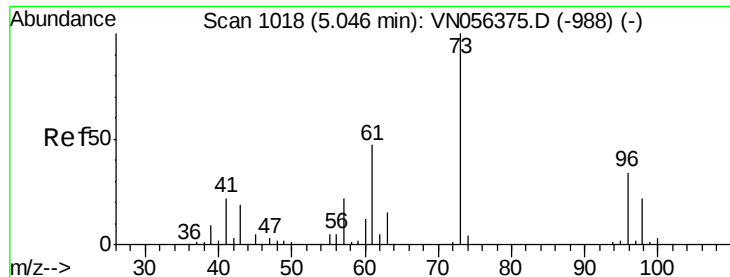
Tot Ion: 76 Resp: 88034
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 23.352 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 43 Resp: 71199
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8

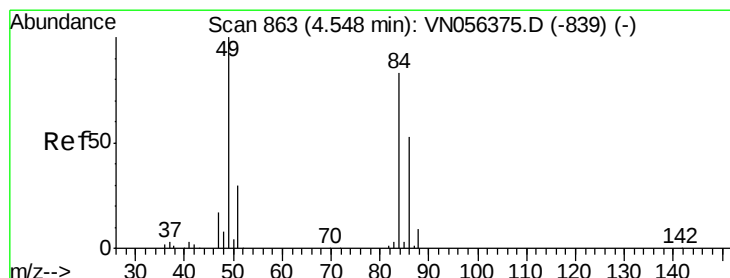
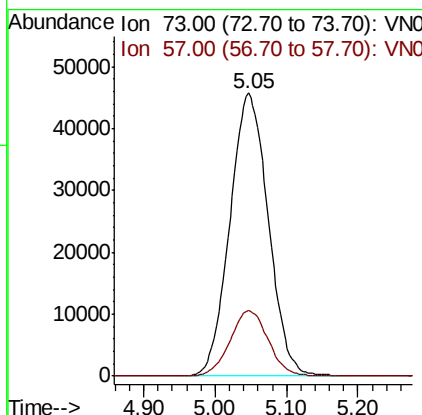
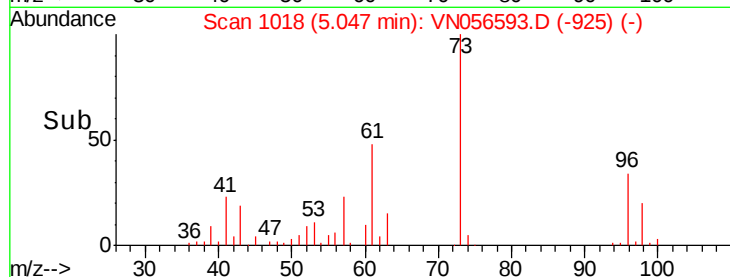
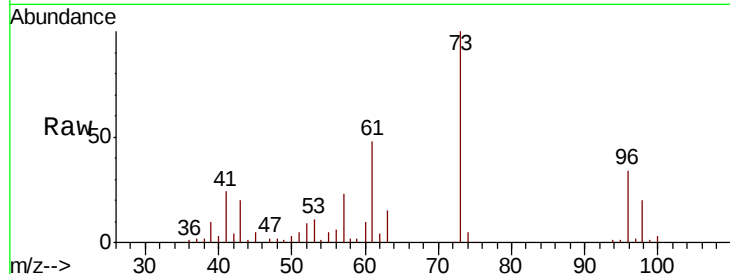




#19
Methyl tert-butyl Ether
Concen: 21.297 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

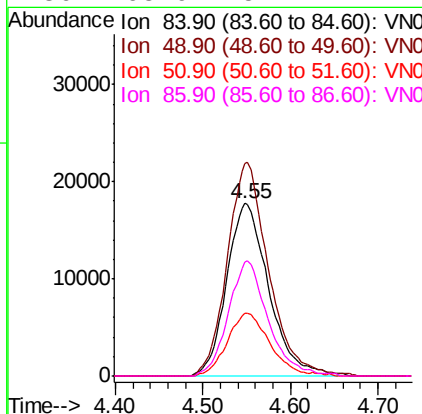
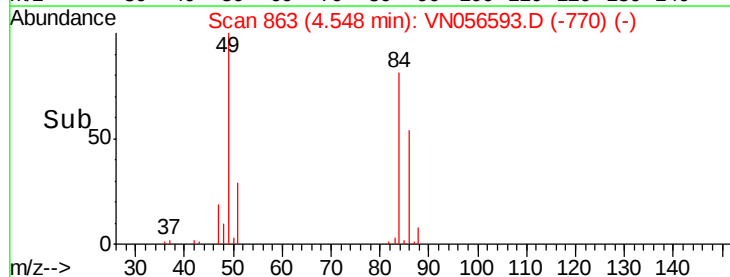
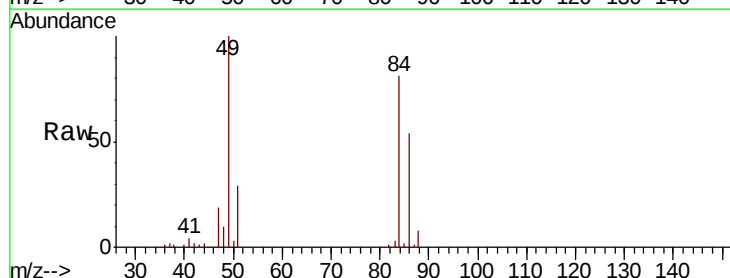
Instrument :
MSVOA_N
ClientSampled :
VN0704WBS01

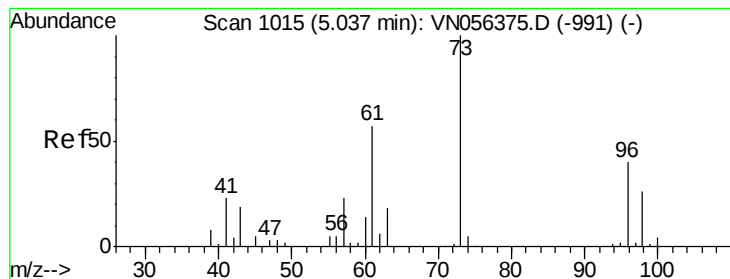
Tot Ion: 73 Resp: 171130
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9



#20
Methylene Chloride
Concen: 20.016 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 84 Resp: 59134
Ion Ratio Lower Upper
84 100
49 123.2 96.4 144.6
51 36.1 28.6 43.0
86 65.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.199 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

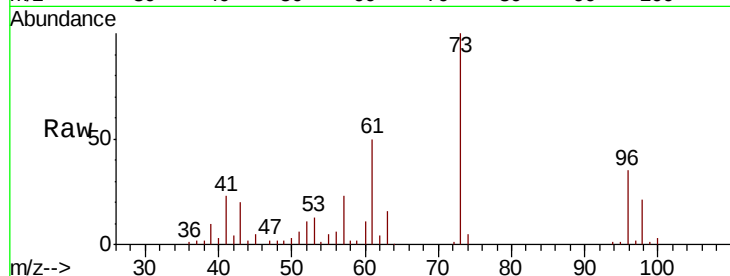
Tot Ion: 96 Resp: 50267

Ion Ratio Lower Upper

96 100

61 144.0 113.0 169.6

98 61.9 52.2 78.2

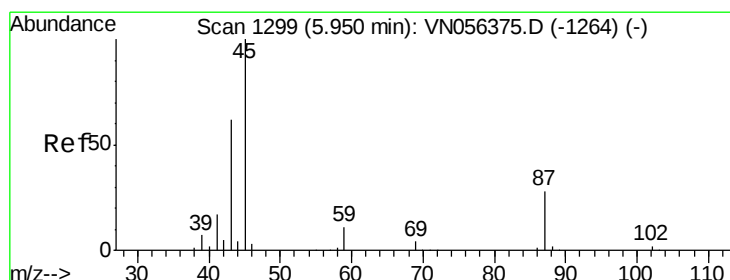
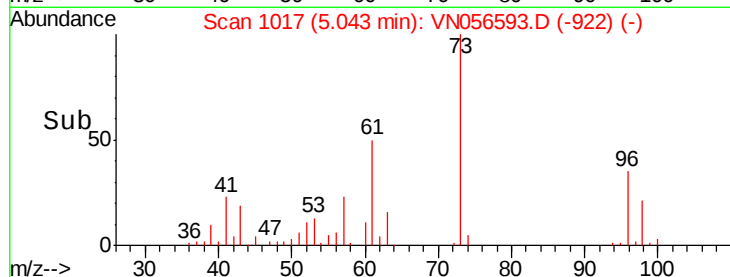
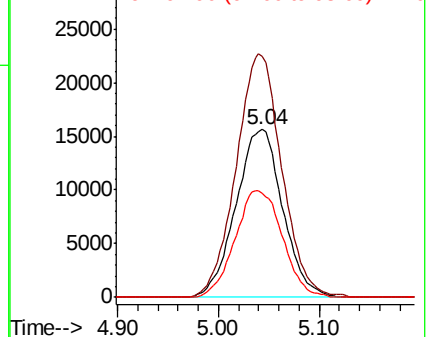


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 22.340 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Tgt Ion: 45 Resp: 189655

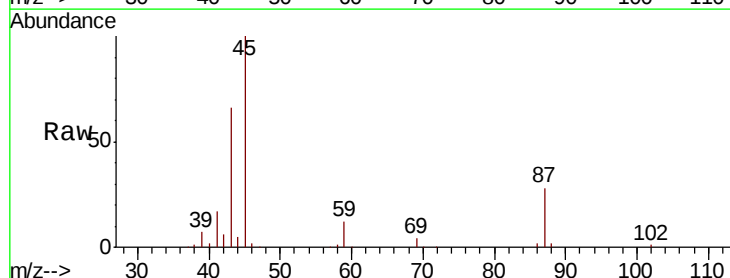
Ion Ratio Lower Upper

45 100

43 63.6 50.4 75.6

87 27.7 23.0 34.4

59 11.7 9.1 13.7



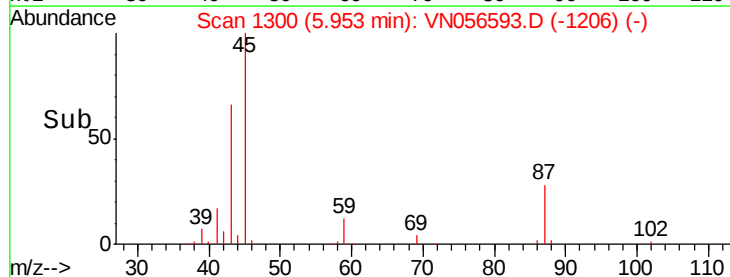
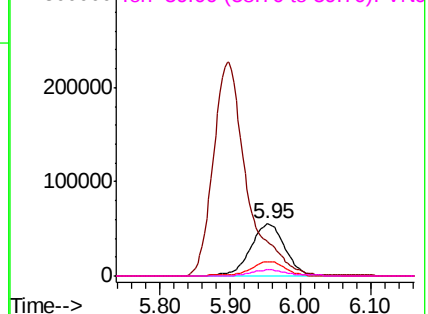
Abundance

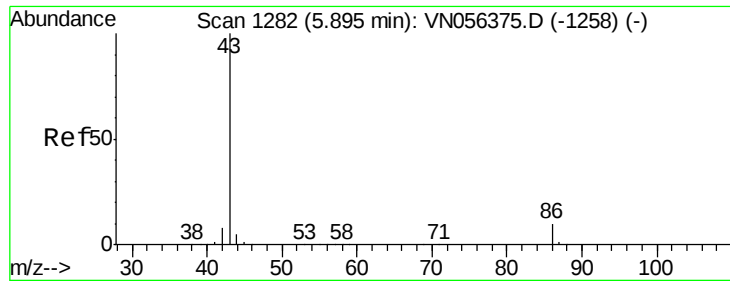
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

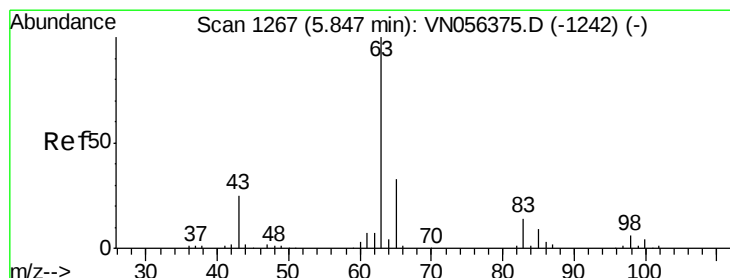
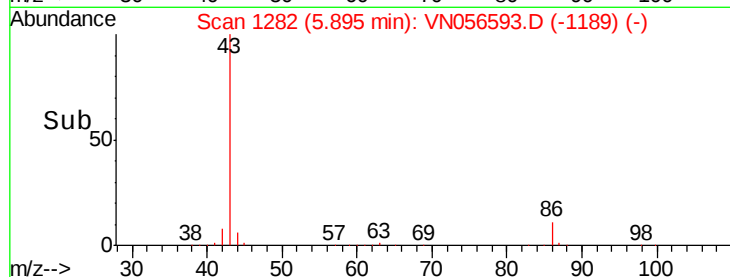
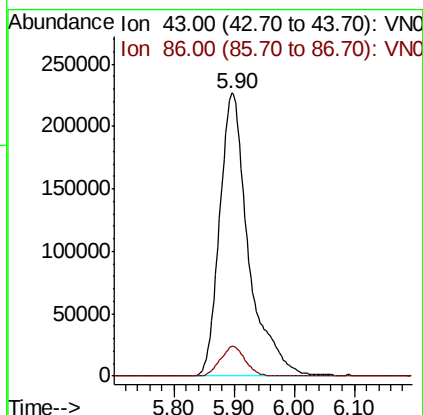
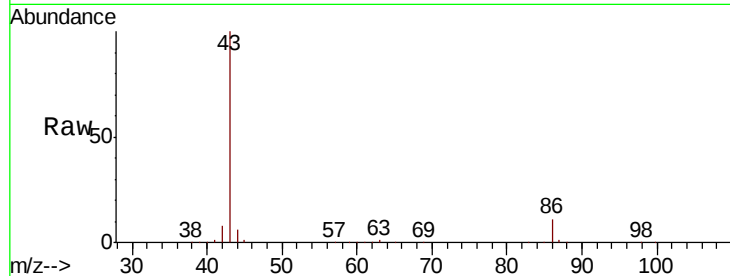




#23
 Vinyl Acetate
 Concen: 112.810 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

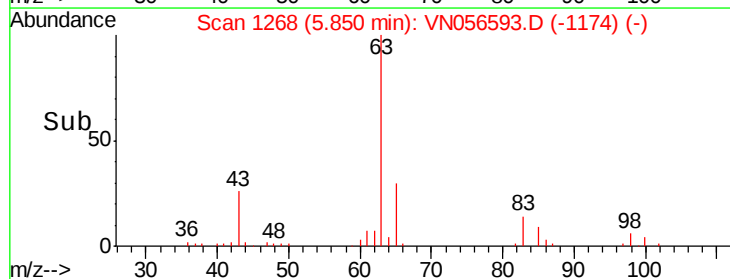
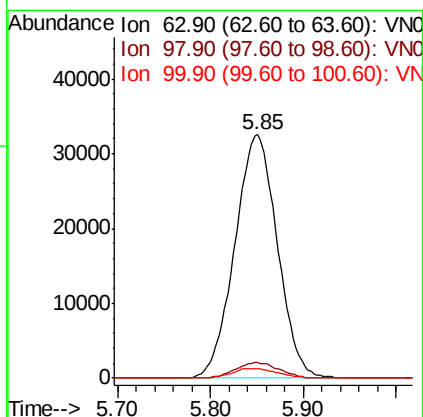
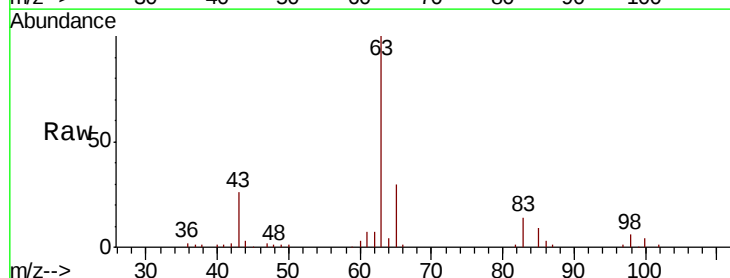
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

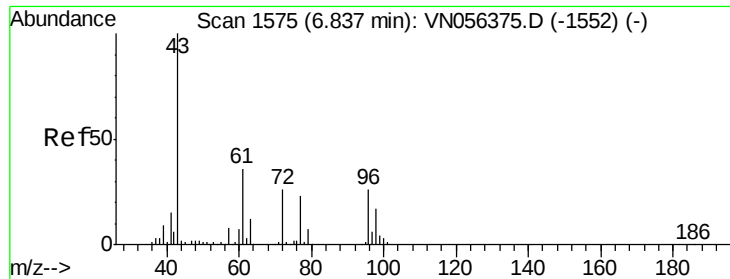
Tot Ion: 43 Resp: 755380
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 21.257 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 63 Resp: 103593
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 107.494 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

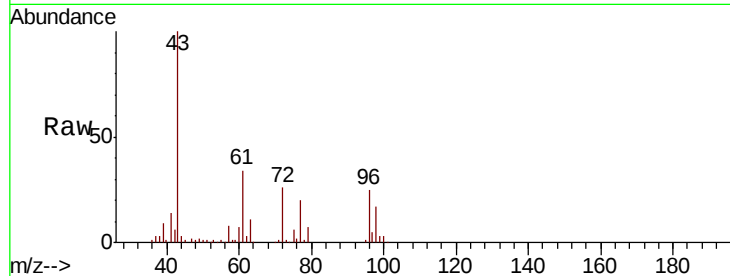
VN0704WBS01

Tot Ion: 43 Resp: 217167

Ion Ratio Lower Upper

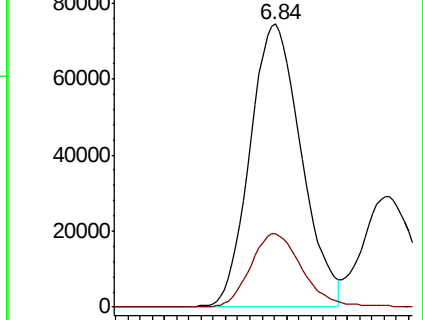
43 100

72 26.0 20.6 31.0

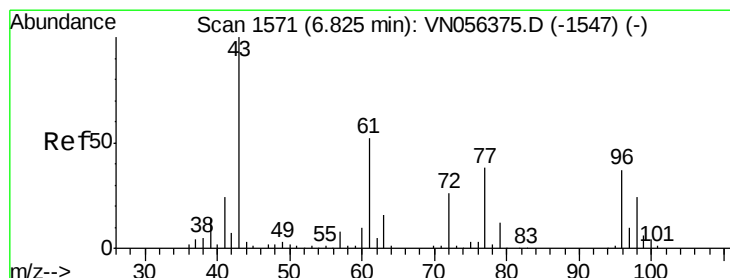
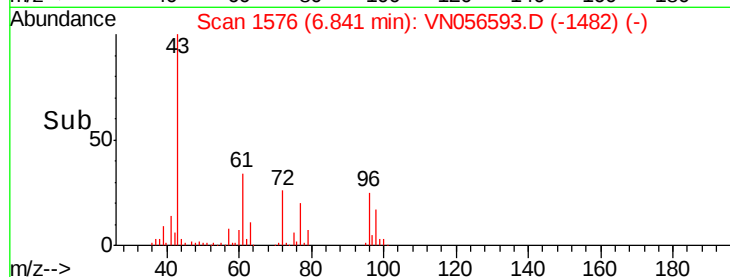


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 19.379 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056593.D

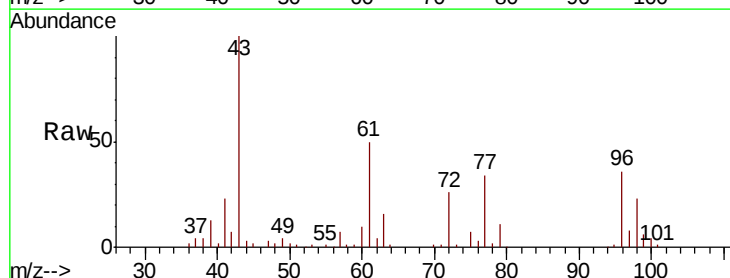
Acq: 3 Jul 2019 18:38

Tgt Ion: 77 Resp: 65682

Ion Ratio Lower Upper

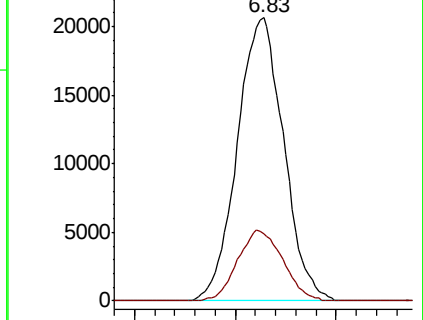
77 100

97 24.4 11.9 35.5

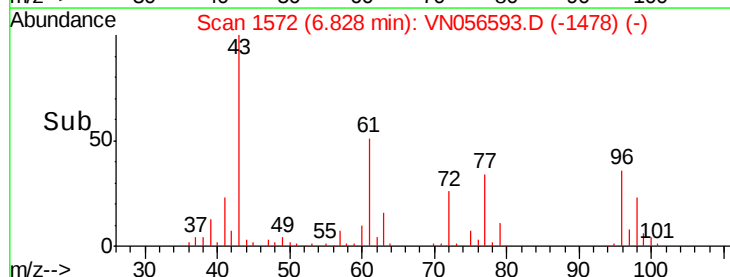


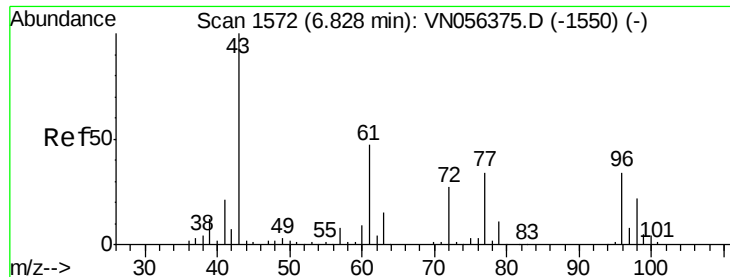
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->

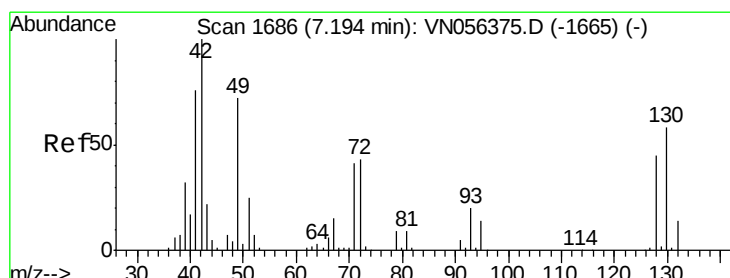
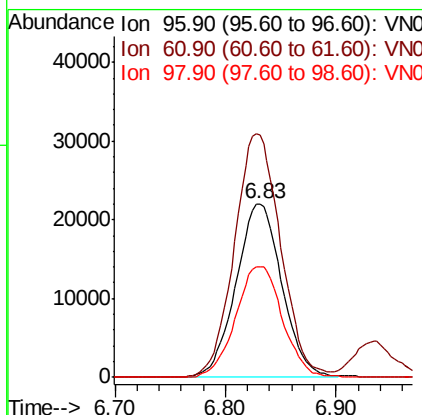
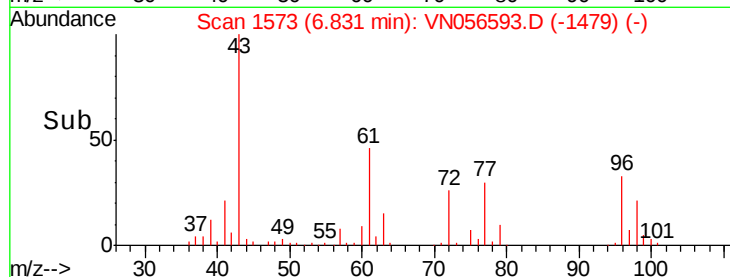
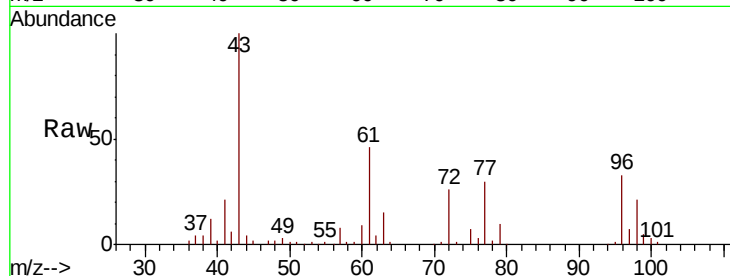




#27
 cis-1,2-Dichloroethene
 Concen: 20.669 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

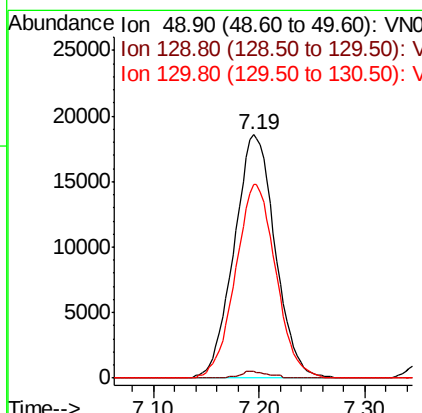
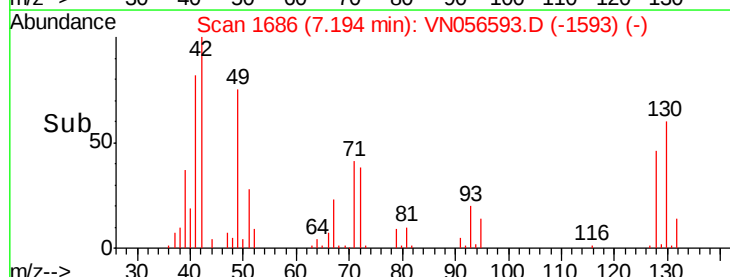
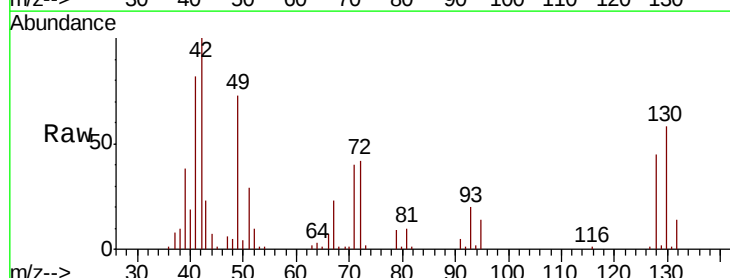
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

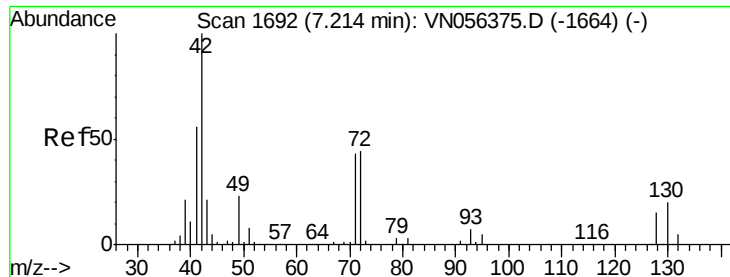
Tot Ion: 96 Resp: 63313
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 279.8
 98 65.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.843 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 49 Resp: 50241
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 78.3 64.9 97.3

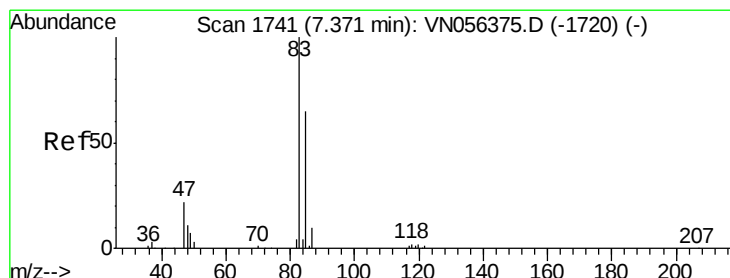
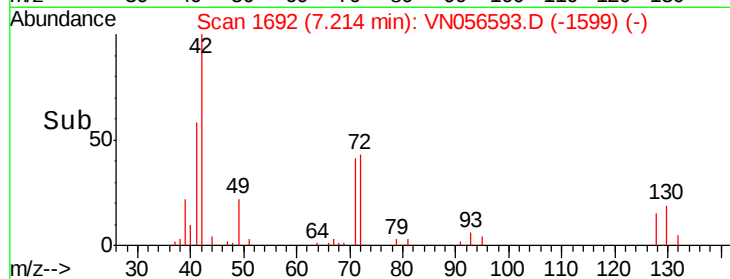
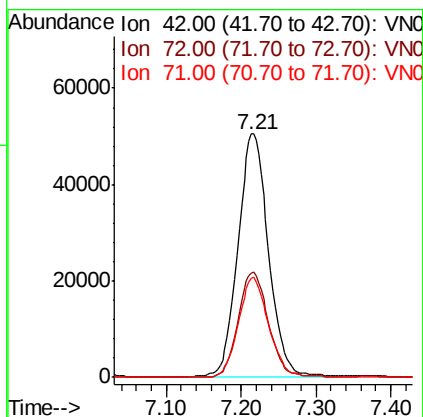
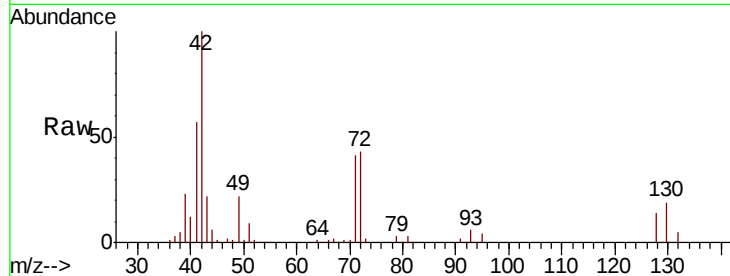




#29
Tetrahydrofuran
Concen: 116.498 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

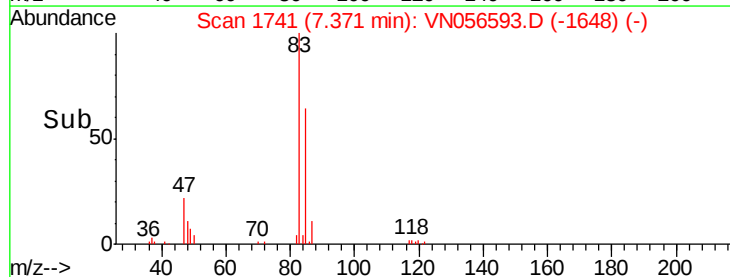
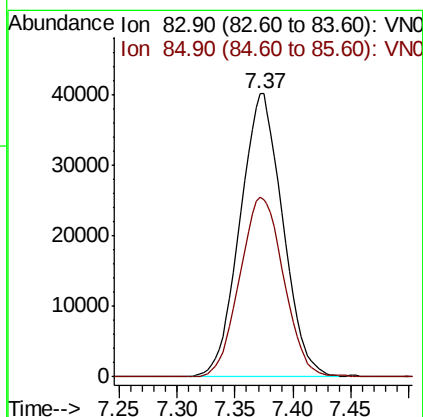
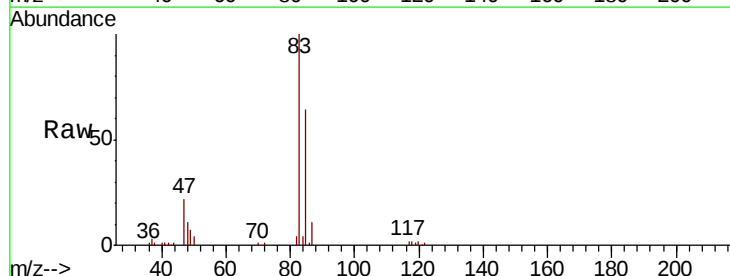
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

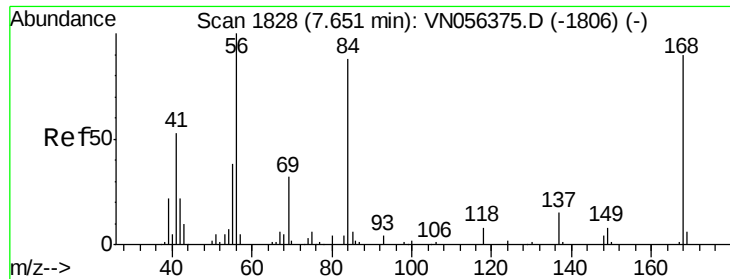
Tot Ion: 42 Resp: 143828
Ion Ratio Lower Upper
42 100
72 42.6 34.7 52.1
71 40.2 33.0 49.6



#30
Chloroform
Concen: 21.430 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 83 Resp: 103050
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5

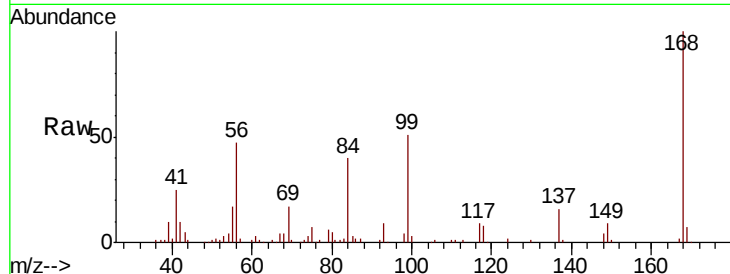




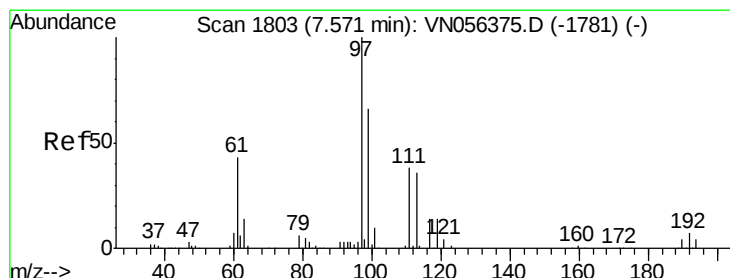
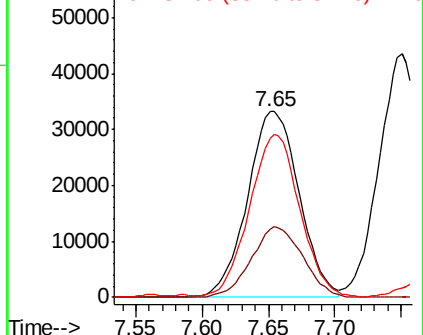
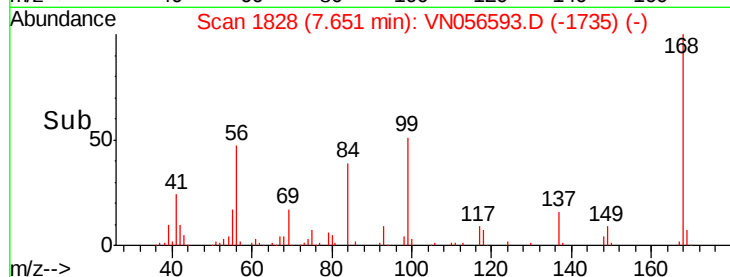
#31
Cyclohexane
Concen: 19.202 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

Tot Ion: 56 Resp: 90340
Ion Ratio Lower Upper
56 100
69 36.6 25.8 38.6
84 84.3 69.4 104.0

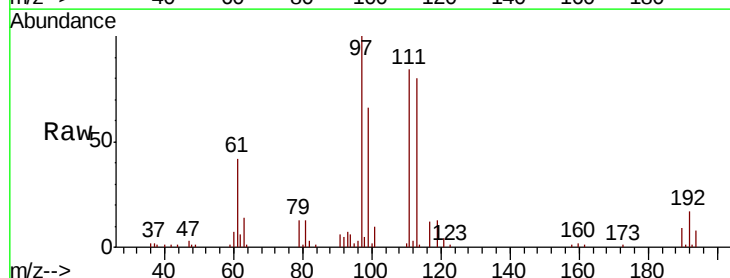


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

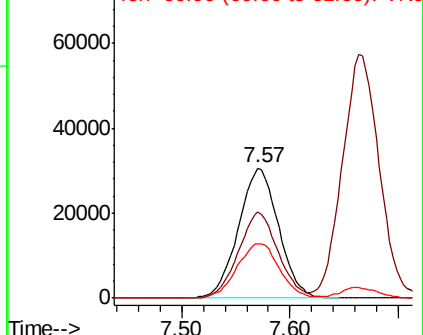
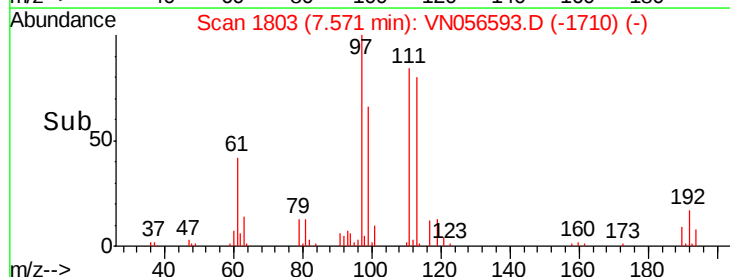


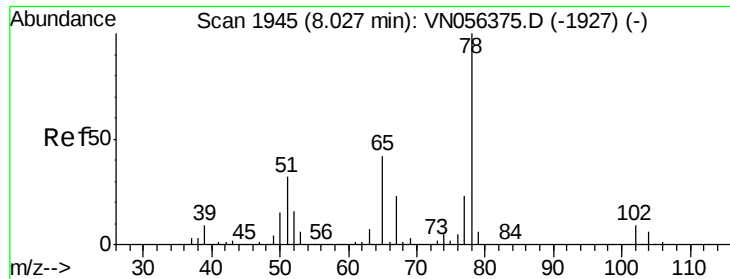
#32
1,1,1-Trichloroethane
Concen: 20.789 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 97 Resp: 79241
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 43.8 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

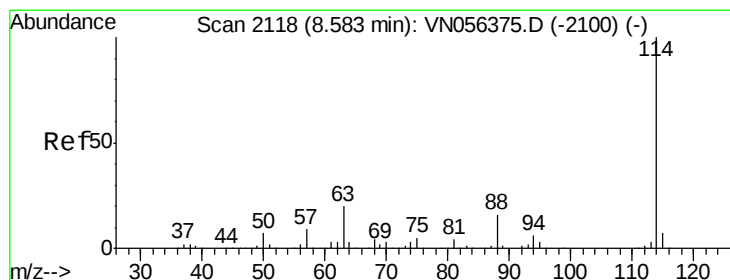
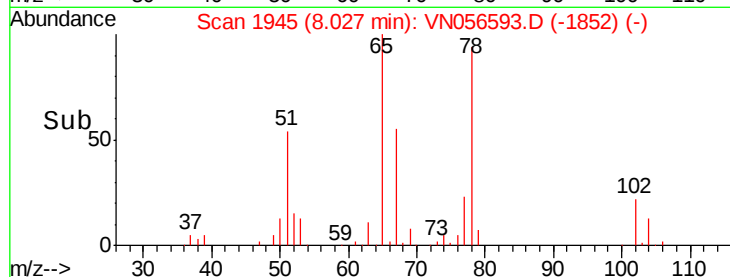
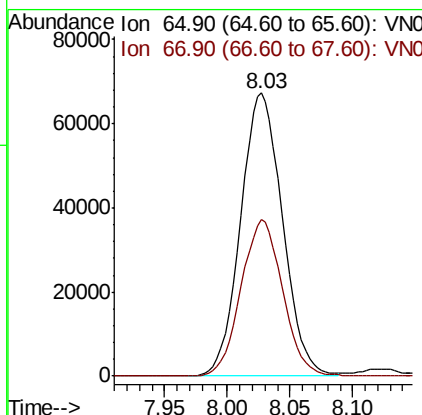
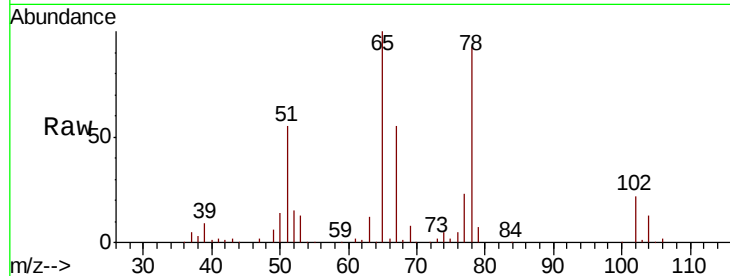




#33
 1,2-Dichloroethane-d4
 Concen: 51.298 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

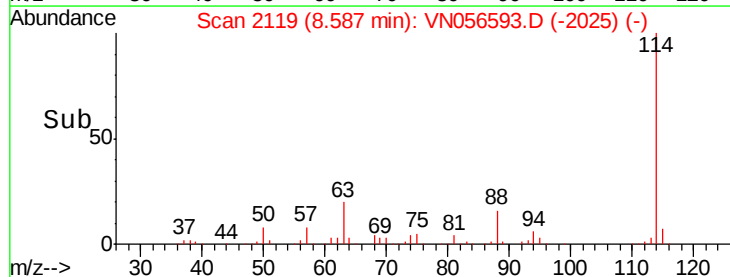
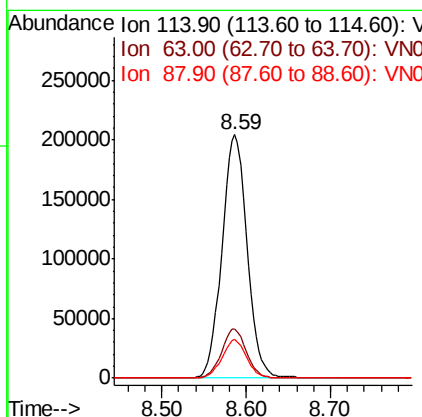
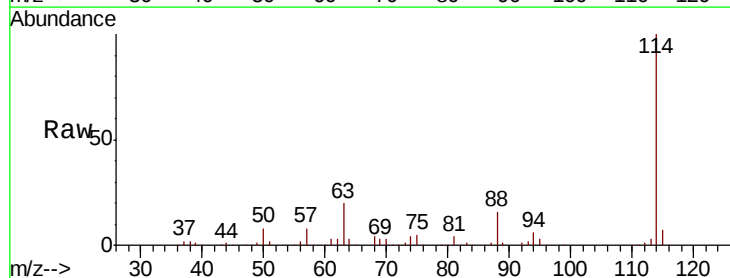
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

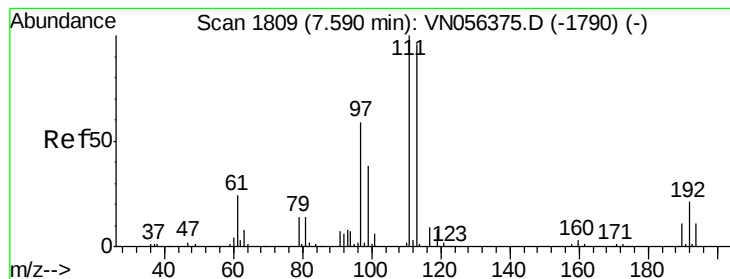
Tot Ion: 65 Resp: 156292
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 114 Resp: 422977
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.317 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

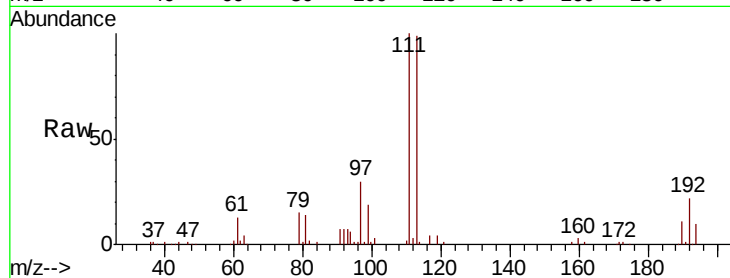
Tot Ion:113 Resp: 135408

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

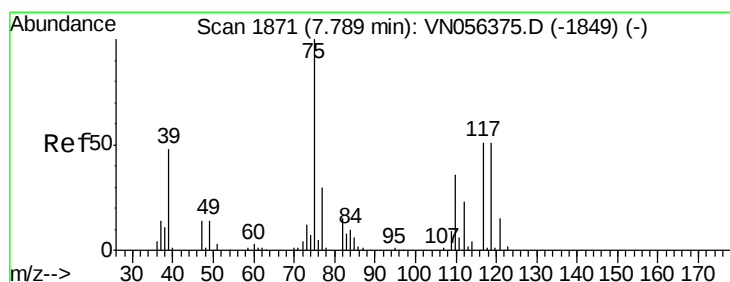
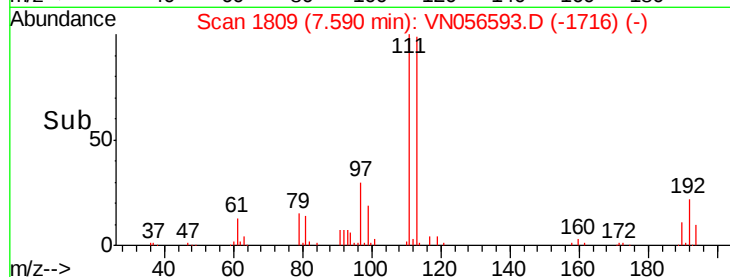
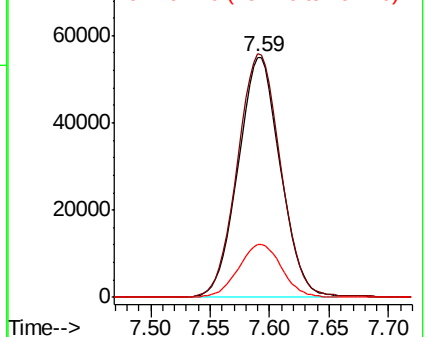
192 22.5 17.7 26.5



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: 19.594 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

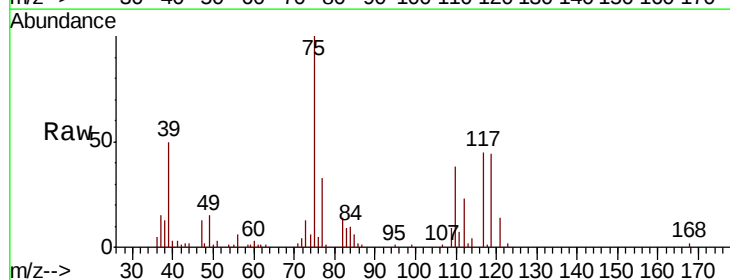
Tgt Ion: 75 Resp: 72946

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.3

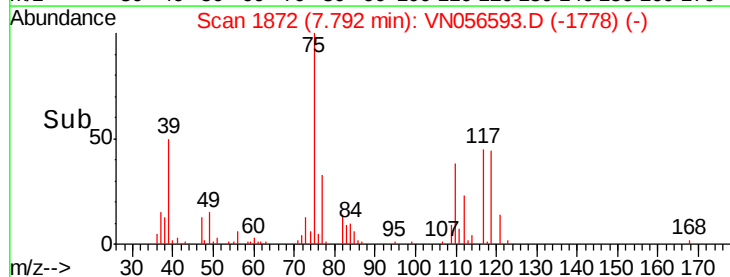
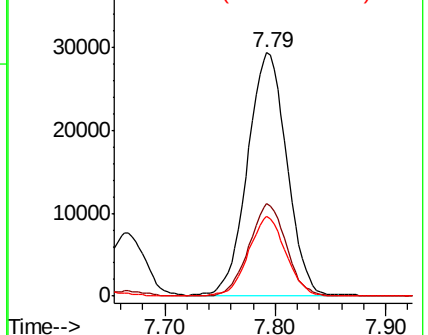
77 30.9 24.6 36.8

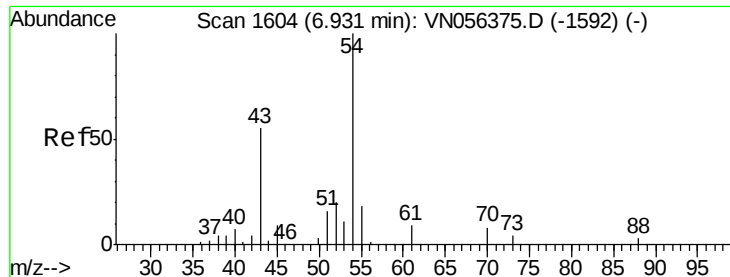


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

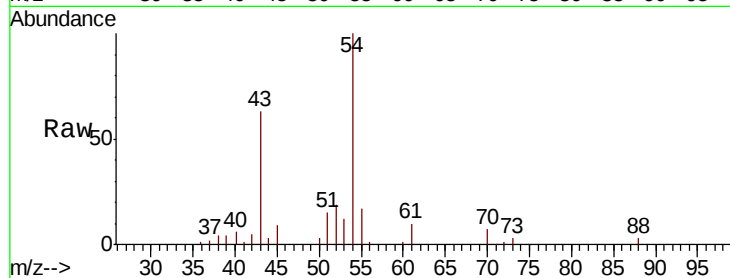




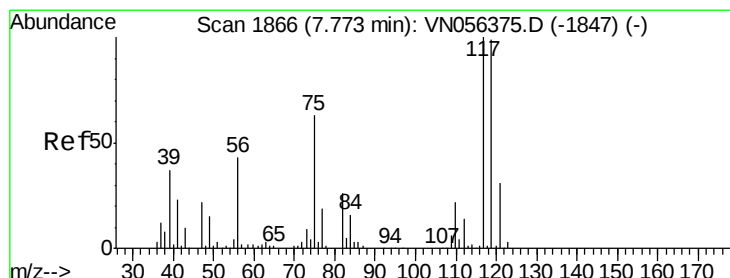
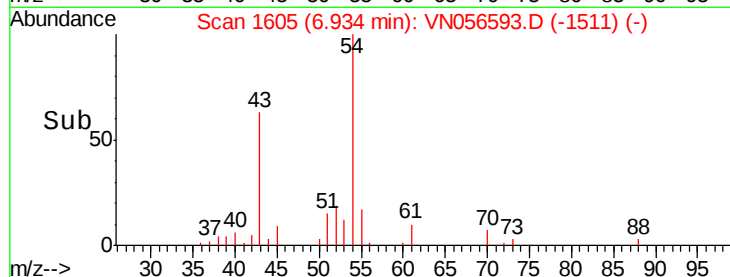
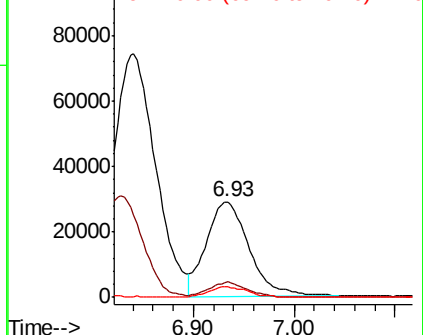
#37
Ethyl Acetate
Concen: 23.341 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampled :
VN0704WBS01

Tot Ion: 43 Resp: 85399
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.3 8.3 12.5

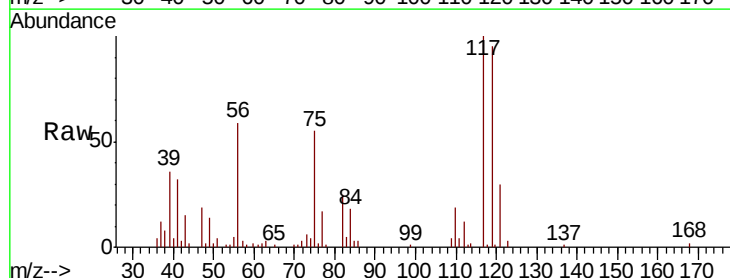


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

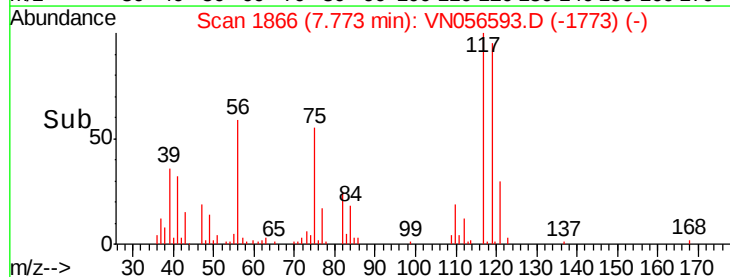
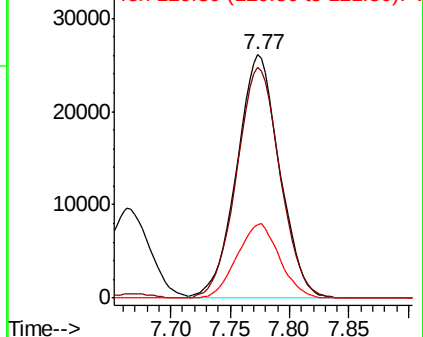


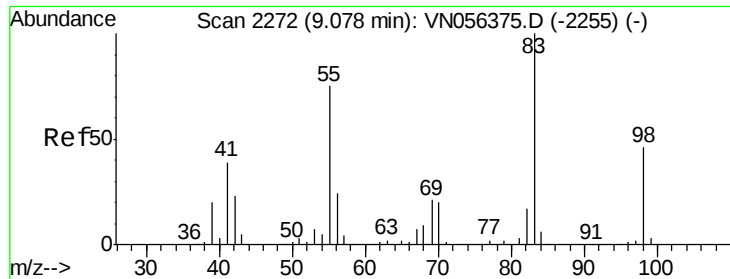
#38
Carbon Tetrachloride
Concen: 19.951 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 117 Resp: 64955
Ion Ratio Lower Upper
117 100
119 94.5 79.1 118.7
121 30.4 24.8 37.2



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

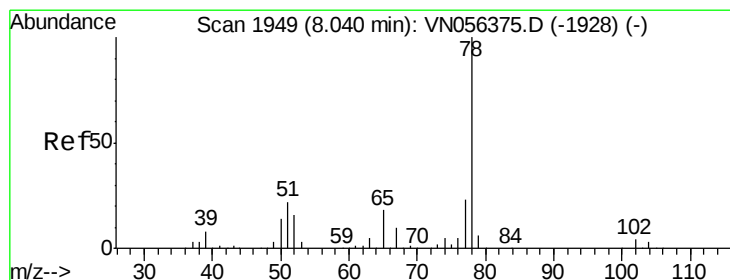
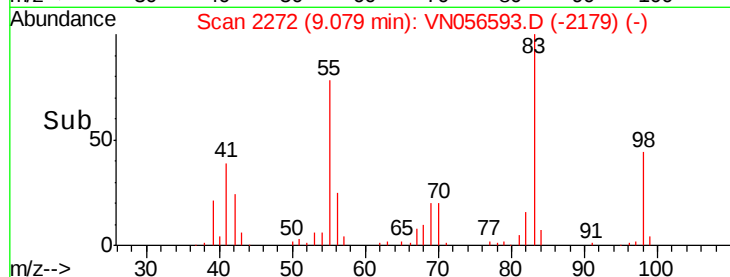
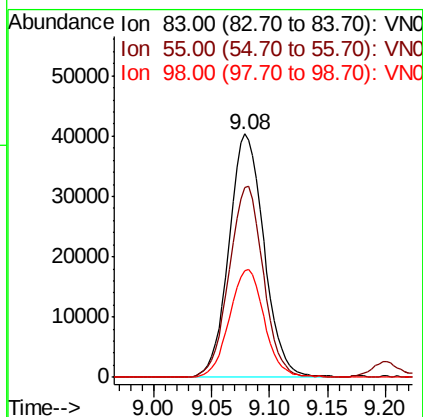
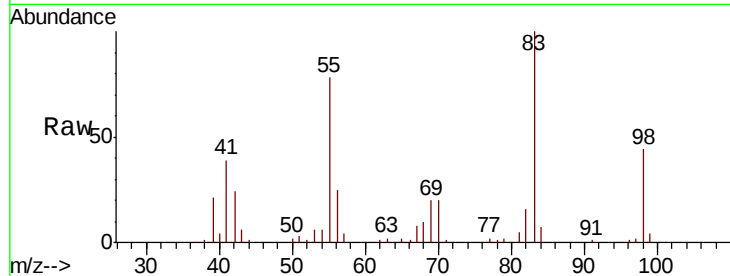




#39
Methvlcvclohexane
Concen: 18.359 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

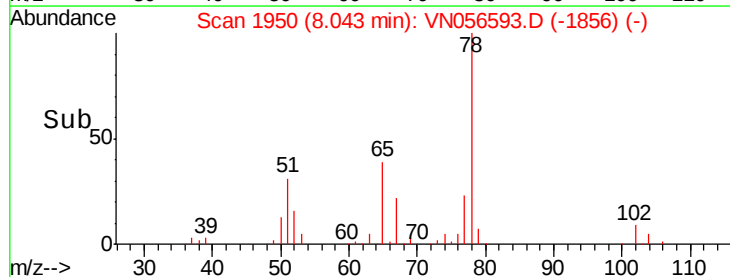
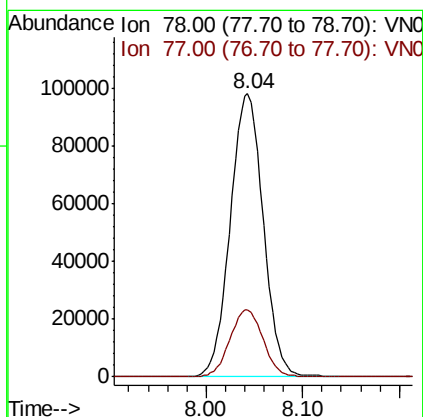
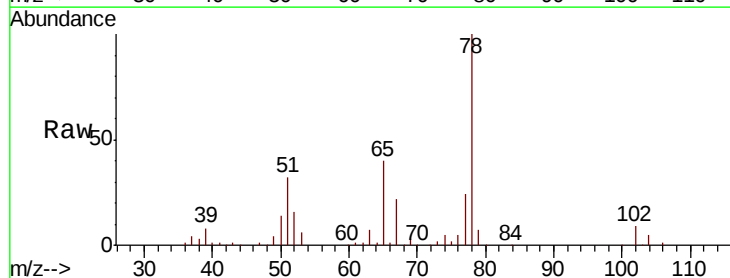
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

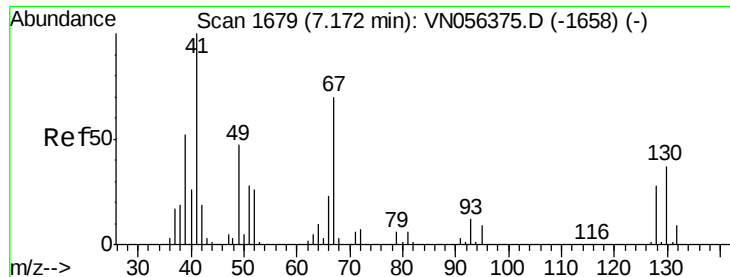
Tot Ion: 83 Resp: 84339
Ion Ratio Lower Upper
83 100
55 77.7 60.0 90.0
98 43.8 36.6 54.8



#40
Benzene
Concen: 20.278 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 78 Resp: 232217
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5

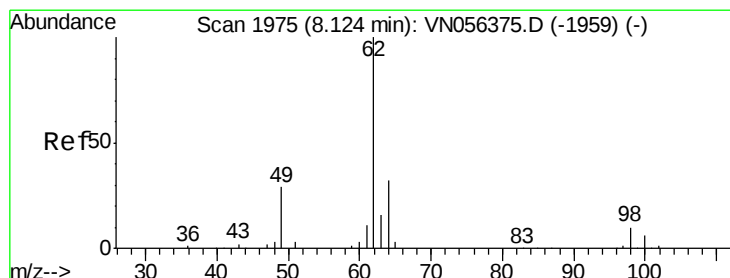
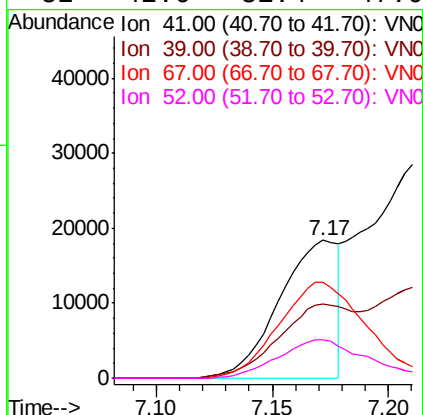
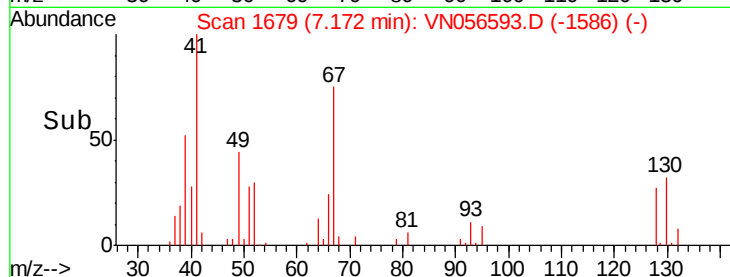
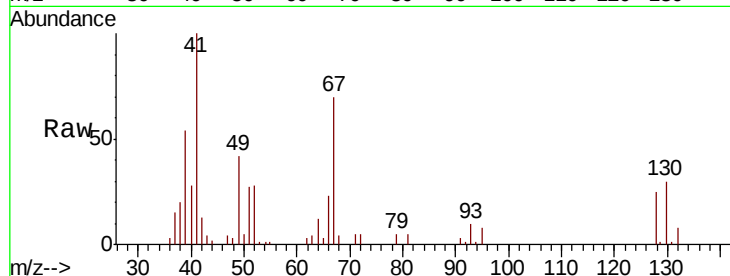




#41
Methacrylonitrile
Concen: 20.073 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

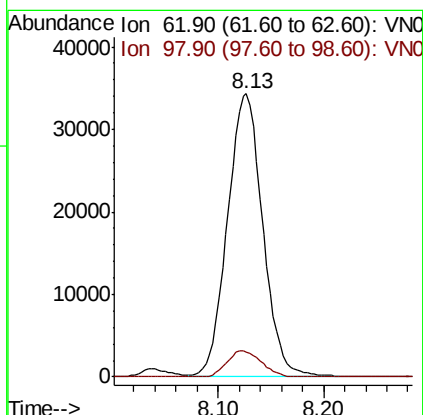
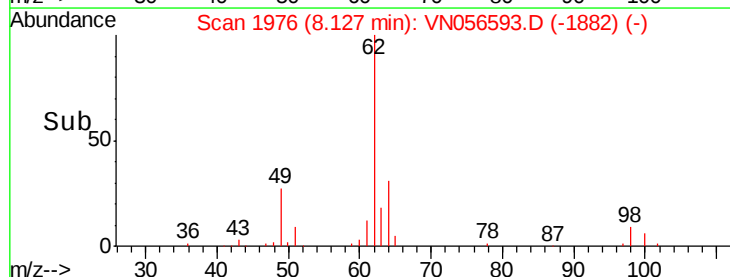
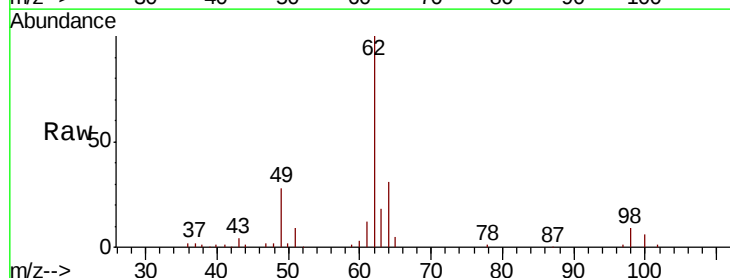
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

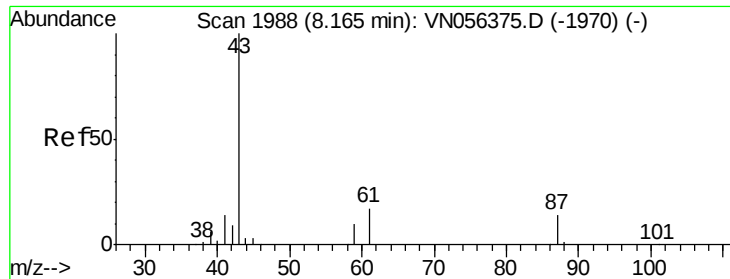
Tot Ion: 41 Resp: 32430
Ion Ratio Lower Upper
41 100
39 70.7 55.3 82.9
67 105.0 79.2 118.8
52 42.6 31.4 47.0



#42
1,2-Dichloroethane
Concen: 21.087 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 62 Resp: 79693
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 22.987 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

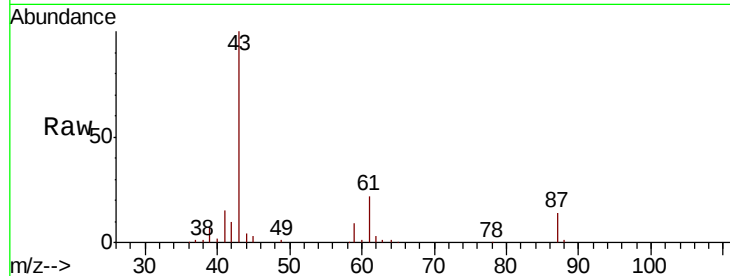
Tot Ion: 43 Resp: 129686

Ion Ratio Lower Upper

43 100

61 28.0 22.0 33.0

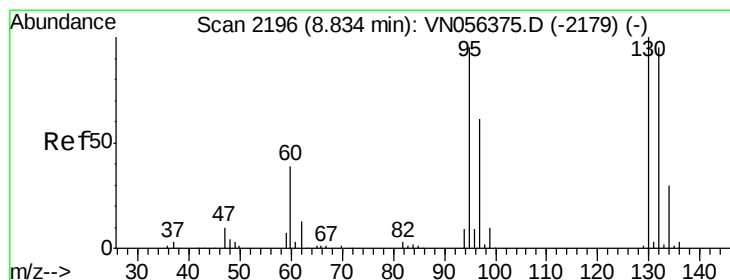
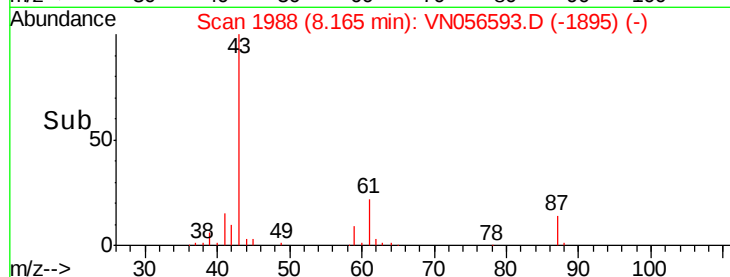
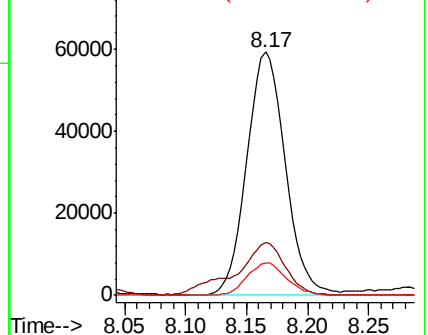
87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 19.759 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056593.D

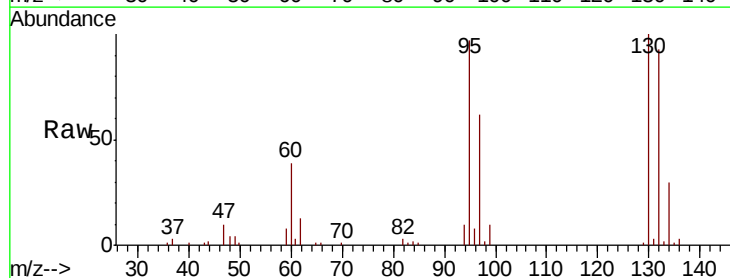
Acq: 3 Jul 2019 18:38

Tgt Ion:130 Resp: 60953

Ion Ratio Lower Upper

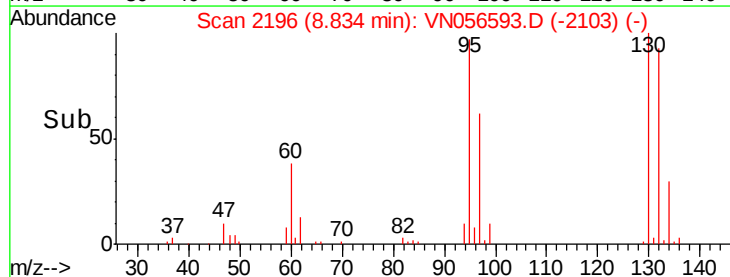
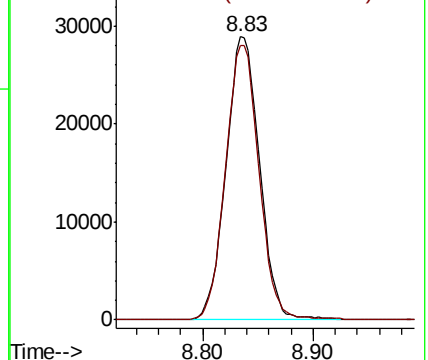
130 100

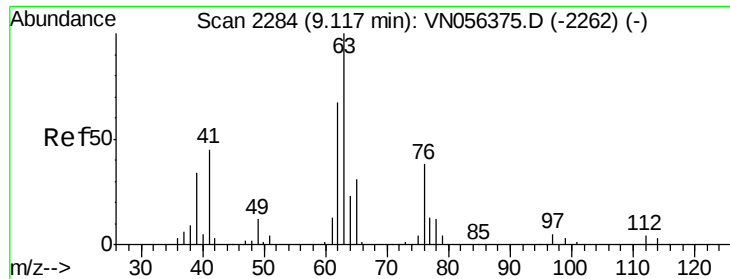
95 96.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

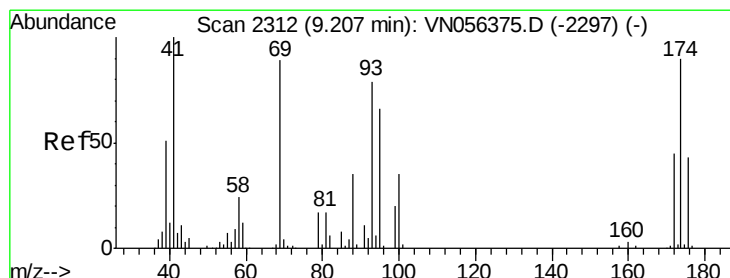
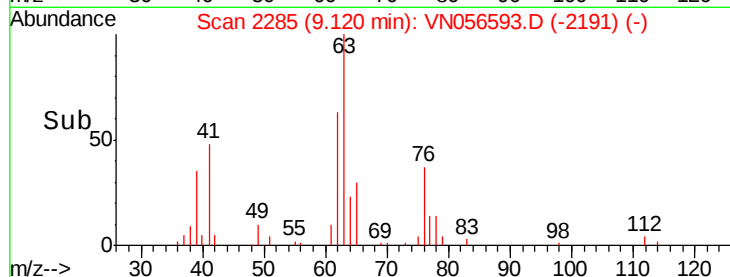
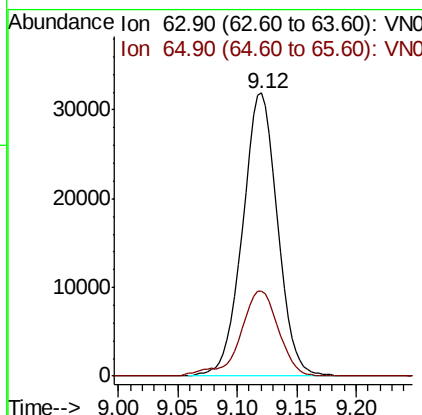
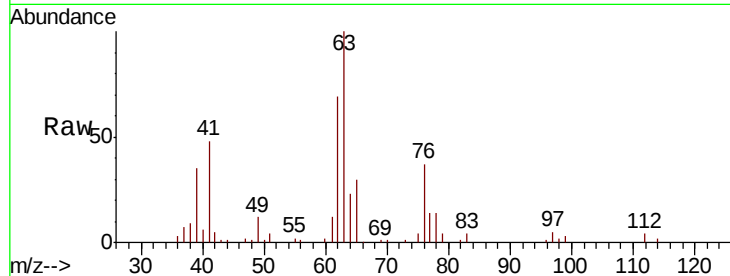




#45
 1,2-Dichloropropane
 Concen: 21.200 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

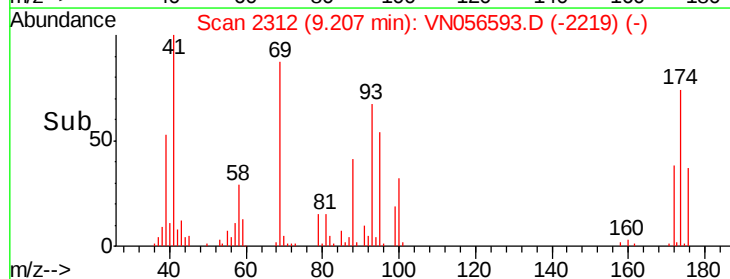
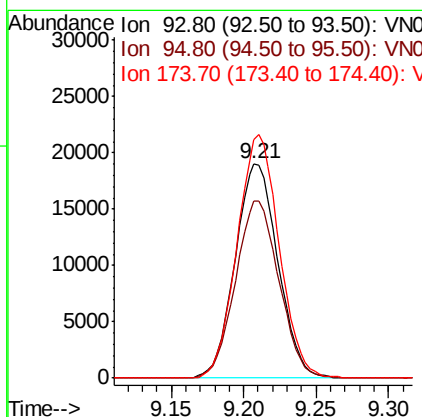
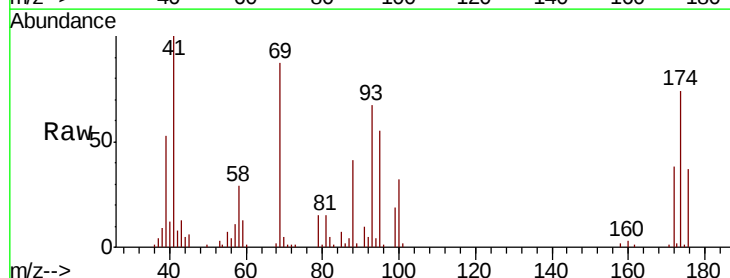
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

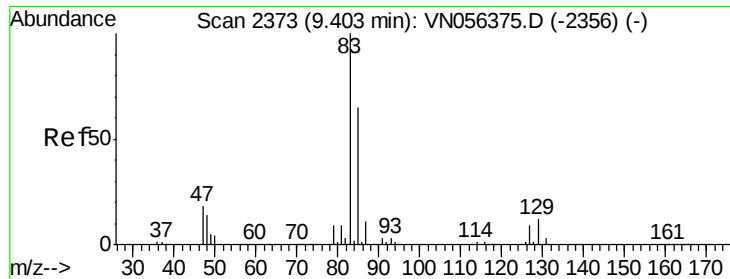
Tot Ion: 63 Resp: 64928
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 20.390 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 93 Resp: 39070
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.2
 174 111.6 90.8 136.2





#47

Bromodichloromethane

Concen: 21.125 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

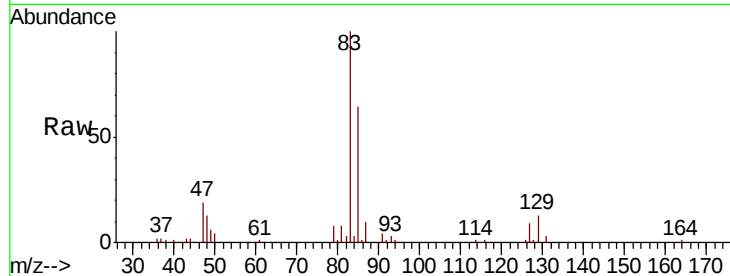
Tot Ion: 83 Resp: 71791

Ion Ratio Lower Upper

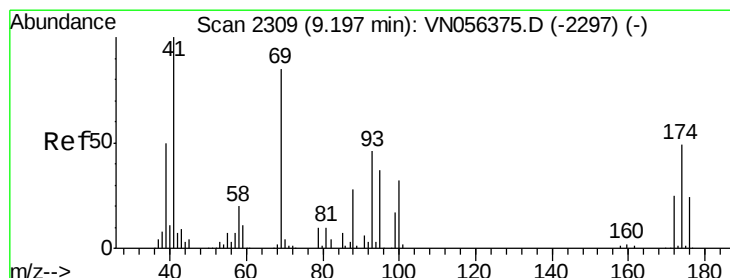
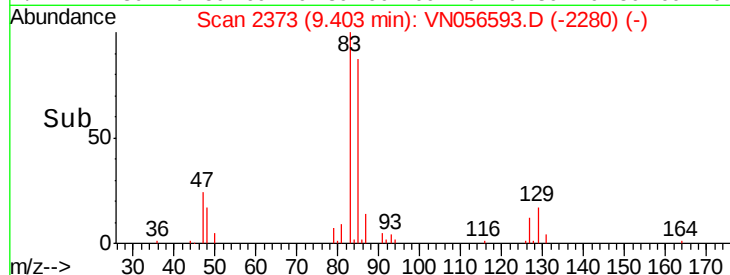
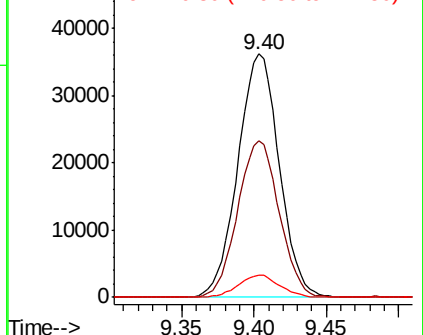
83 100

85 64.3 52.2 78.4

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 21.766 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

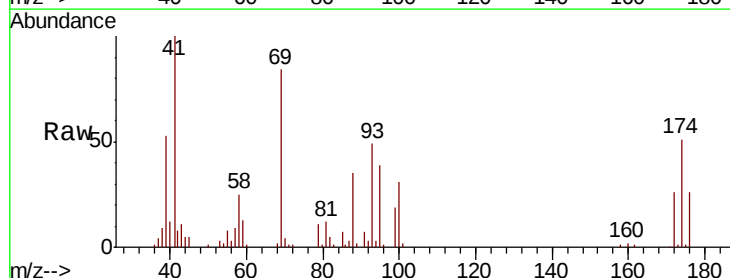
Tgt Ion: 41 Resp: 61536

Ion Ratio Lower Upper

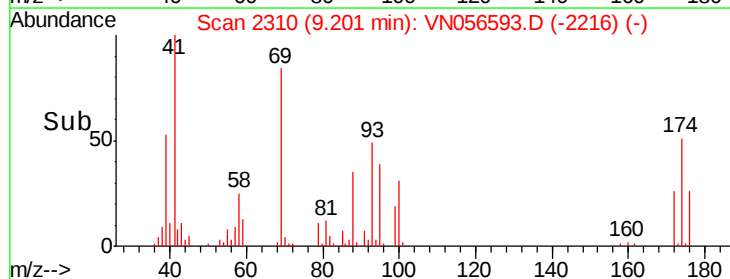
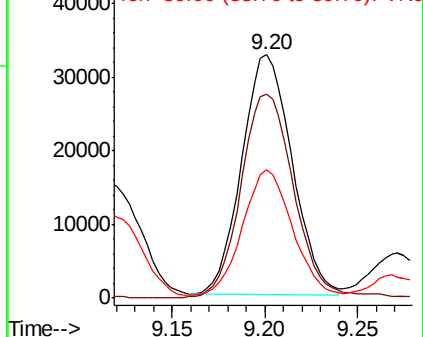
41 100

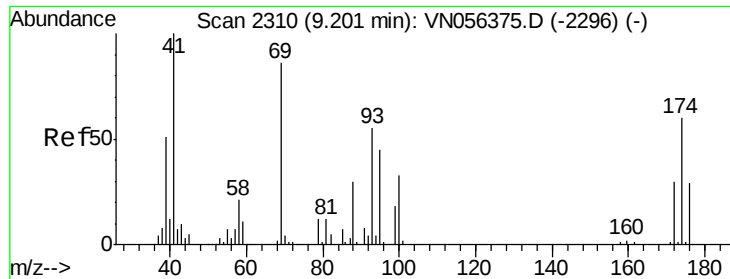
69 89.5 72.6 109.0

39 54.2 42.6 63.8



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





#49

1,4-Dioxane

Concen: 470.912 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

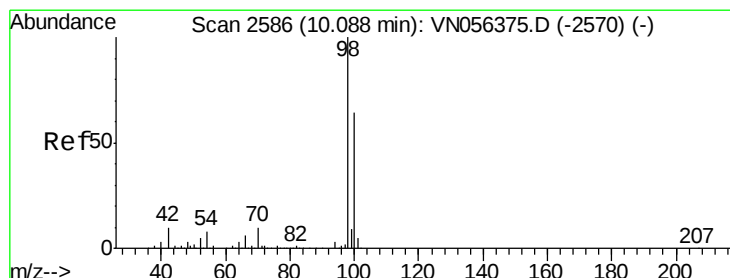
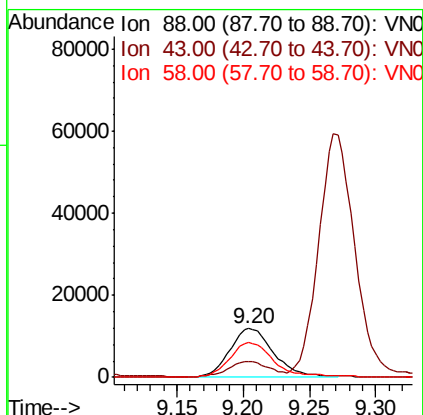
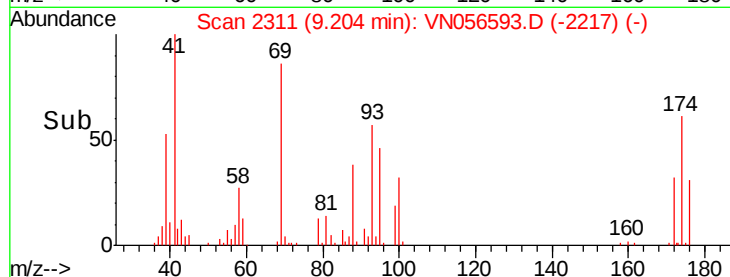
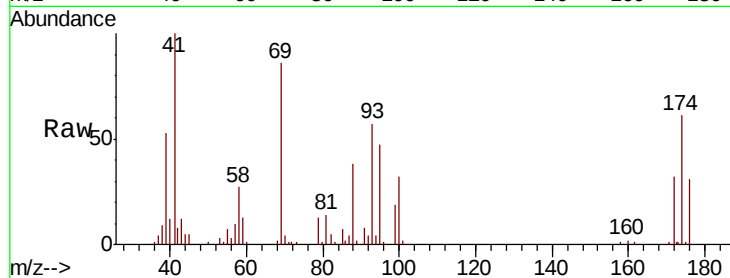
Tot Ion: 88 Resp: 27628

Ion Ratio Lower Upper

88 100

43 28.8 22.0 33.0

58 72.0 51.8 77.8



#50

Toluene-d8

Concen: 49.415 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056593.D

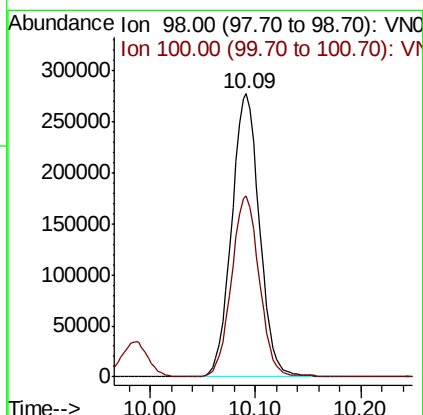
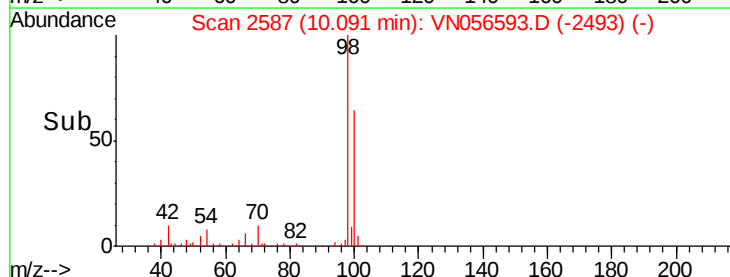
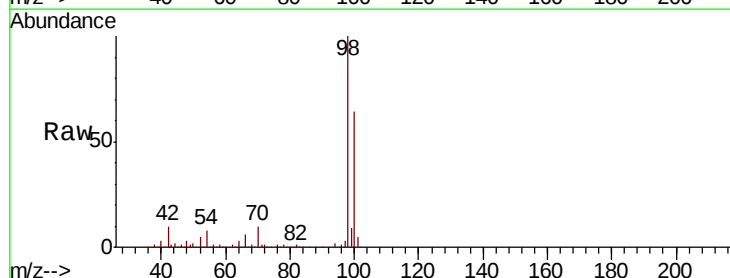
Acq: 3 Jul 2019 18:38

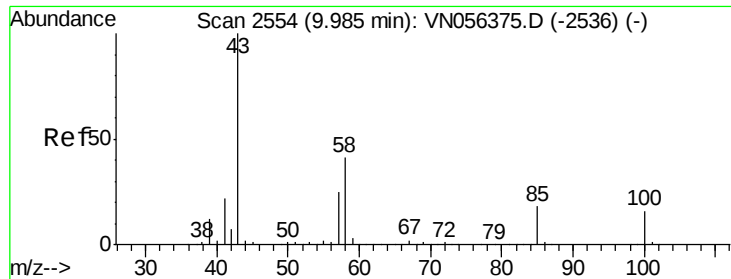
Tgt Ion: 98 Resp: 507356

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2

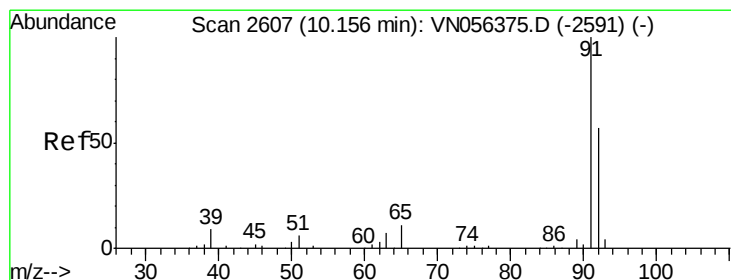
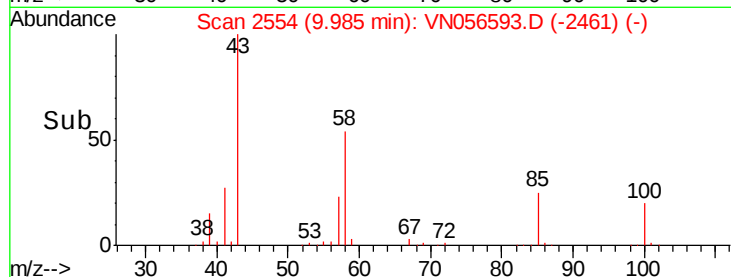
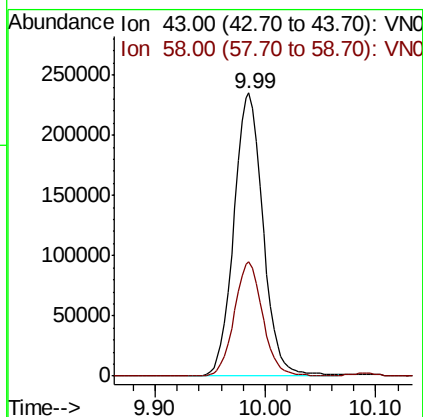
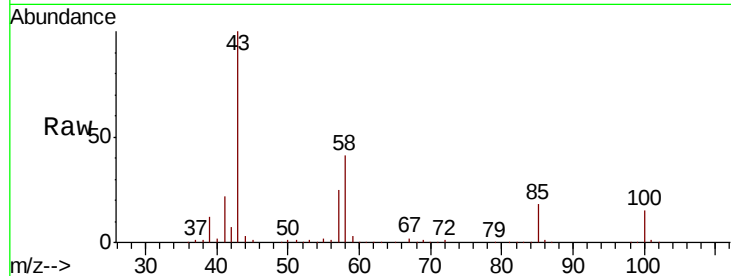




#51
 4-Methyl-2-Pentanone
 Concen: 117.809 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

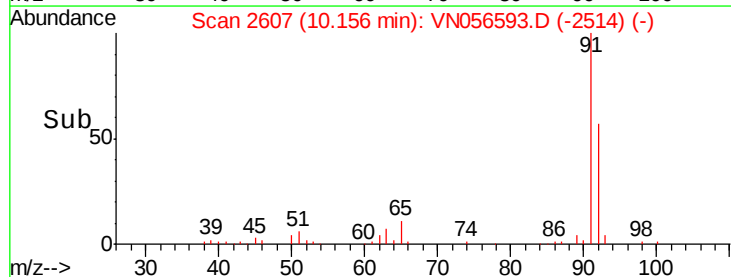
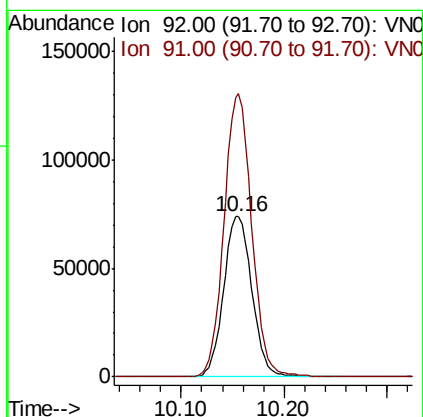
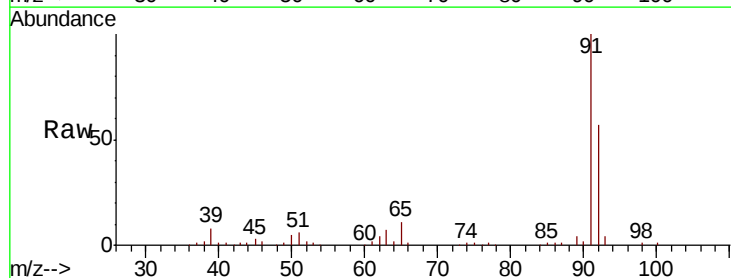
Instrument :
 MSVOA_N
 ClientSampled :
 VN0704WBS01

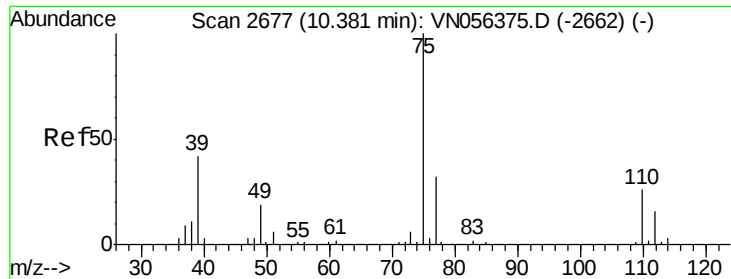
Tot Ion: 43 Resp: 428979
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.8



#52
 Toluene
 Concen: 20.206 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 92 Resp: 141472
 Ion Ratio Lower Upper
 92 100
 91 172.6 140.6 211.0

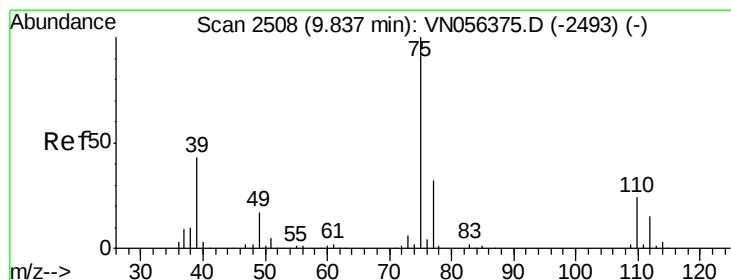
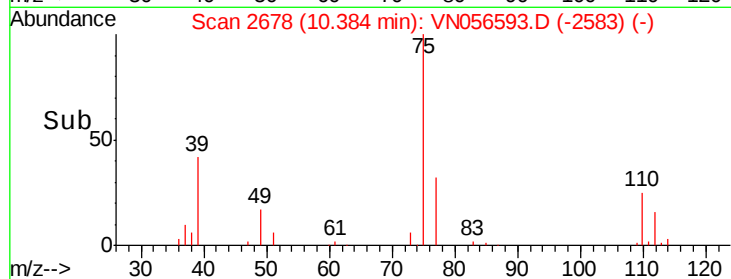
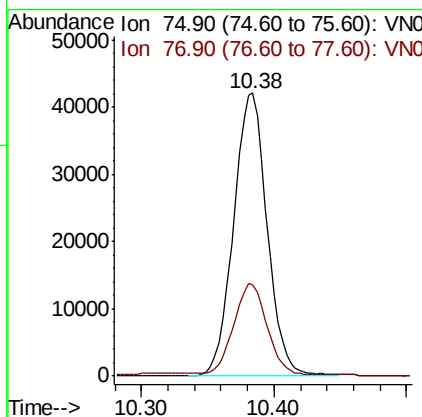
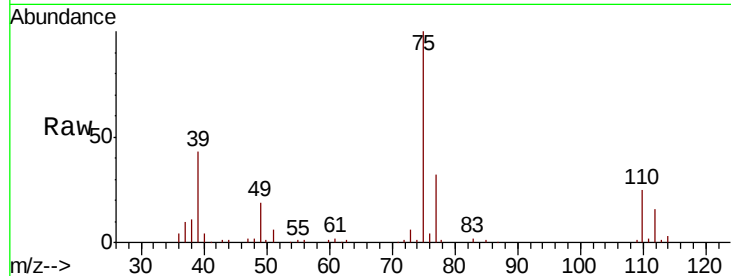




#53
t-1,3-Dichloropropene
Concen: 20.520 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

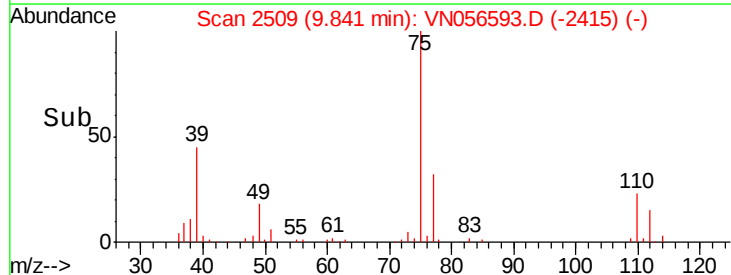
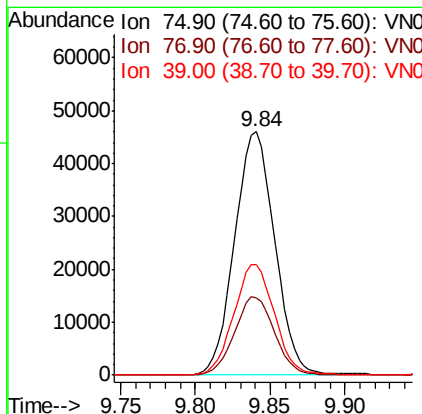
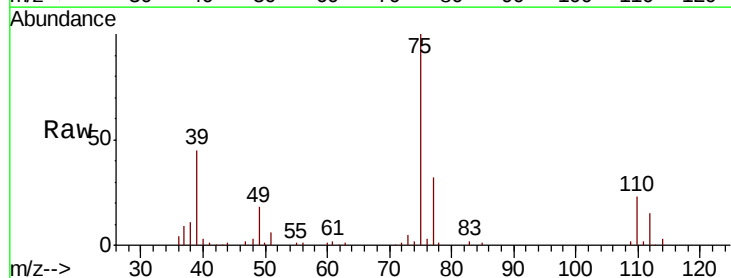
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

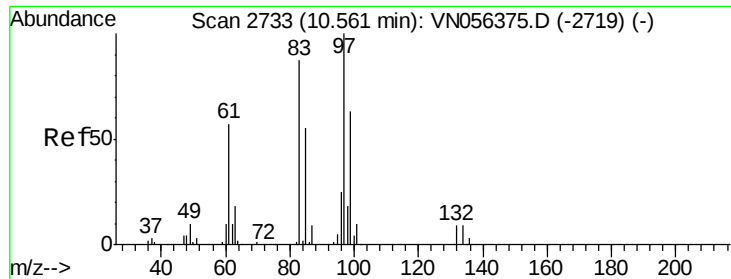
Tot Ion: 75 Resp: 74057
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.018 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 75 Resp: 86012
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 45.3 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 21.712 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampled :

VN0704WBS01

Tot Ion: 97 Resp: 61103

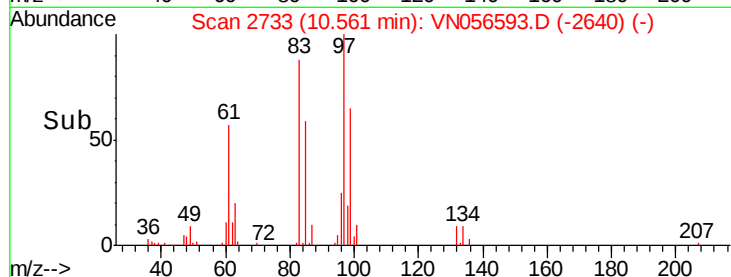
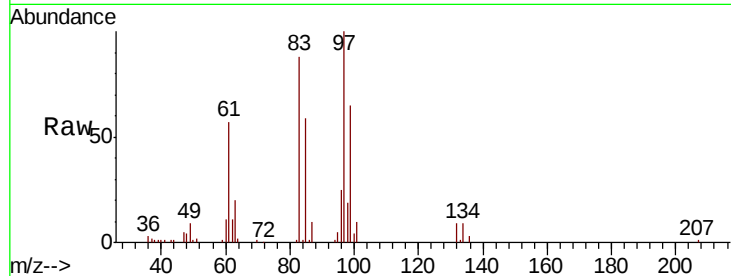
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.8	104.6
85	58.5	43.8	65.8
99	65.0	50.2	75.2

97 100

83 88.1 69.8 104.6

85 58.5 43.8 65.8

99 65.0 50.2 75.2



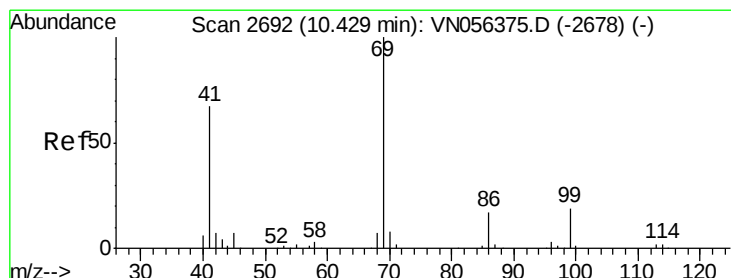
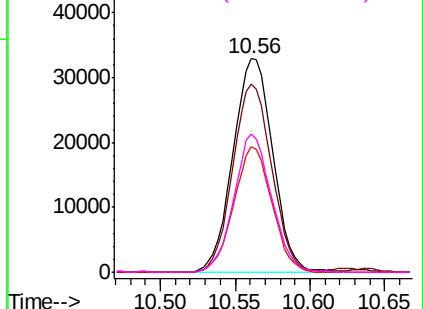
Abundance

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: 22.421 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

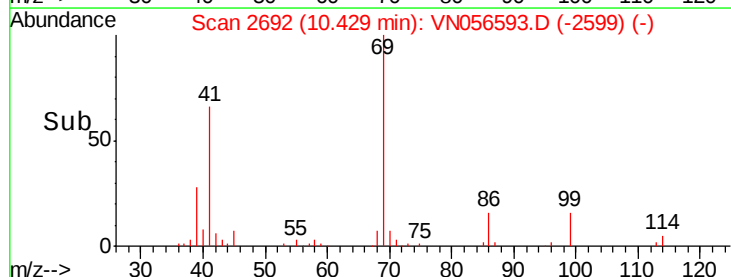
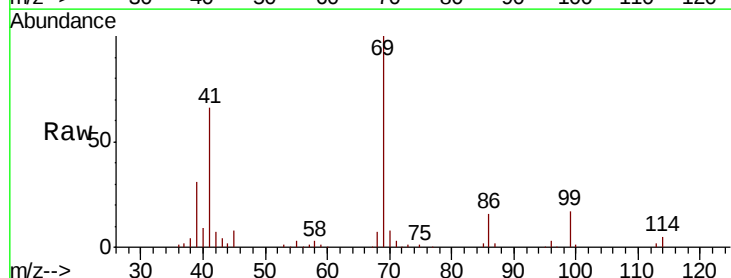
Tgt Ion: 69 Resp: 92215

Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.4	77.2
39	30.2	24.7	37.1

69 100

41 65.2 51.4 77.2

39 30.2 24.7 37.1

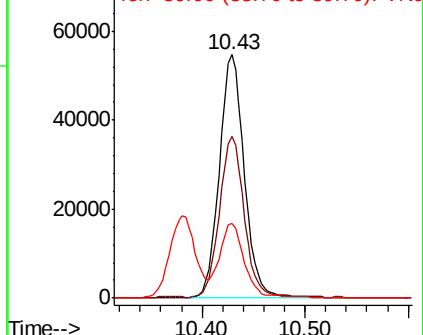


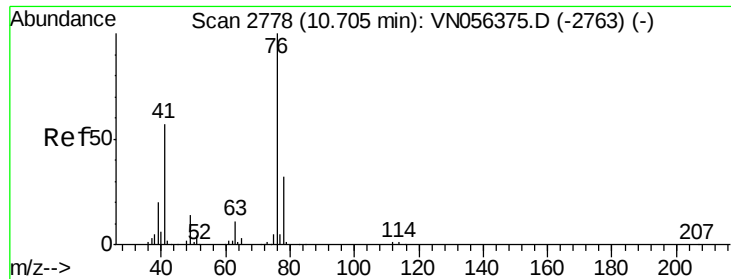
Abundance

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

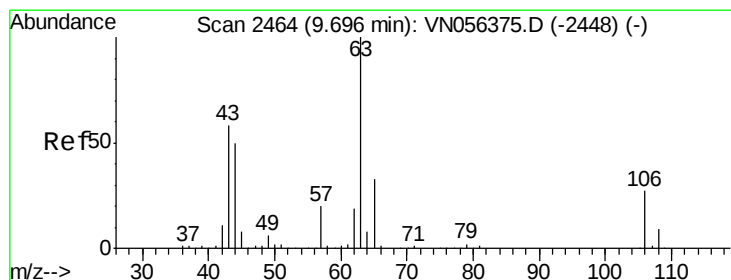
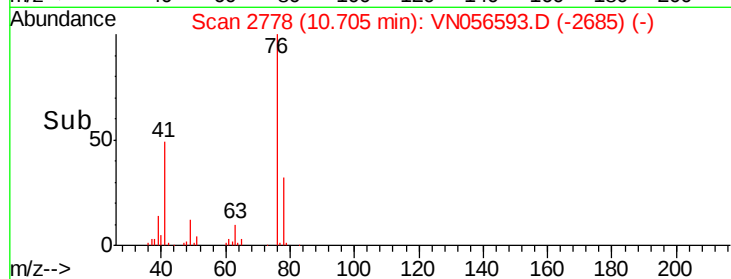
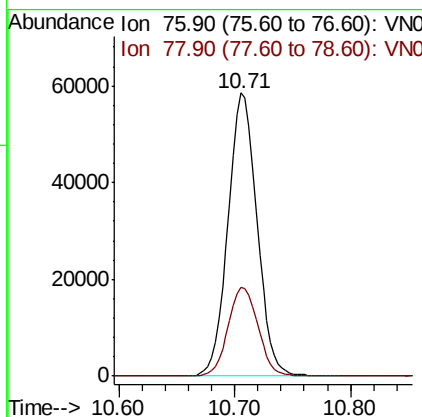
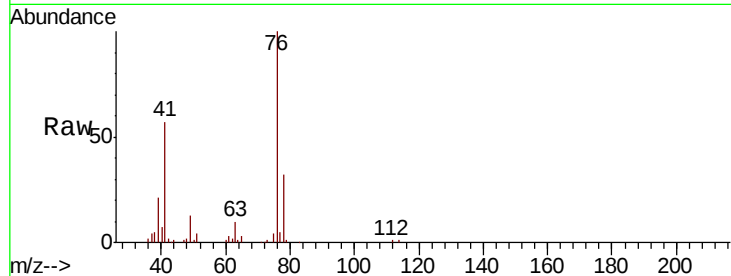




#57
 1,3-Dichloropropane
 Concen: 21.452 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

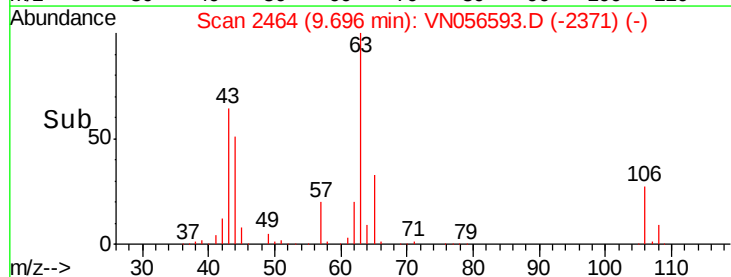
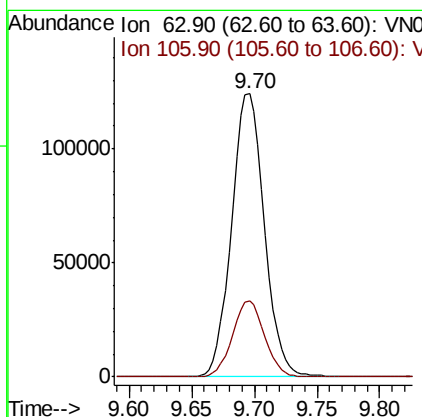
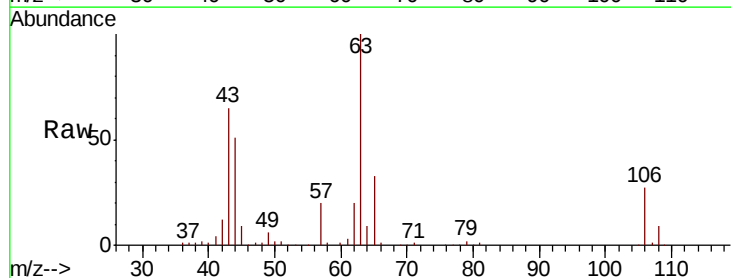
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

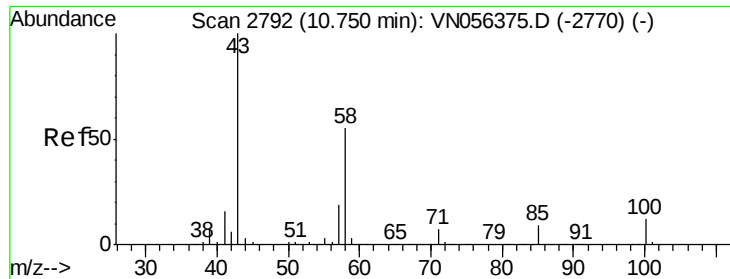
Tot Ion: 76 Resp: 101419
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 152.444 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion: 63 Resp: 225242
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.6 32.4

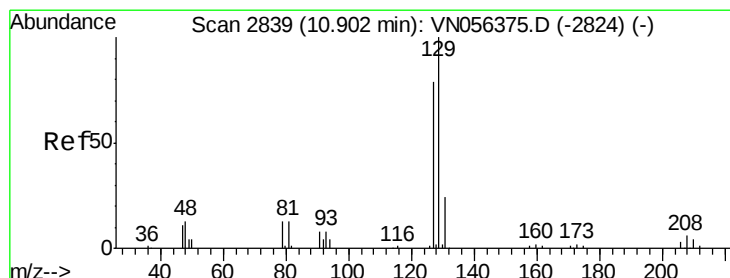
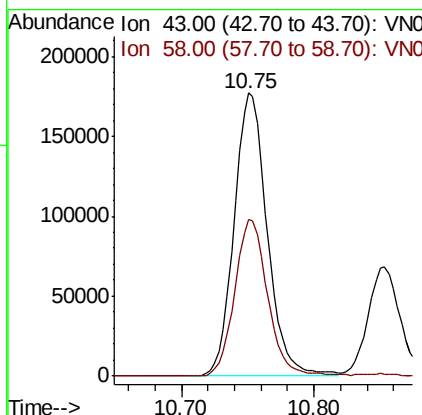
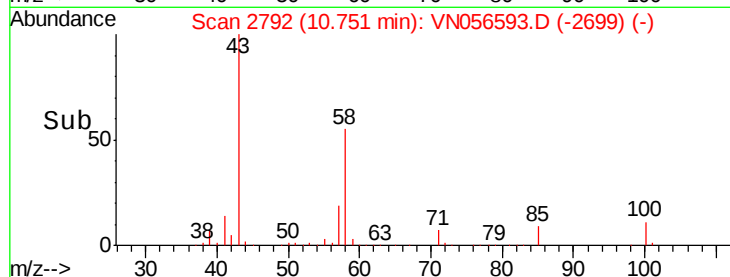
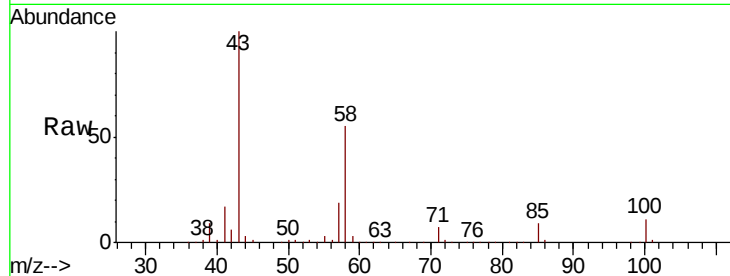




#59
2-Hexanone
Concen: 114.318 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

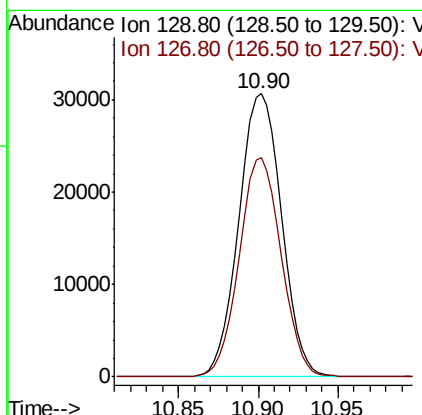
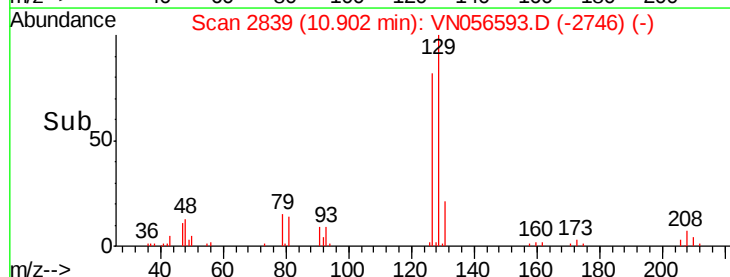
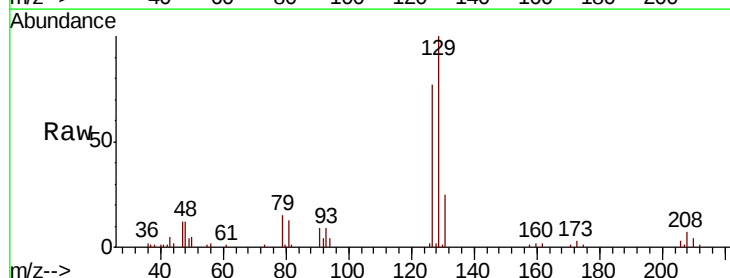
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

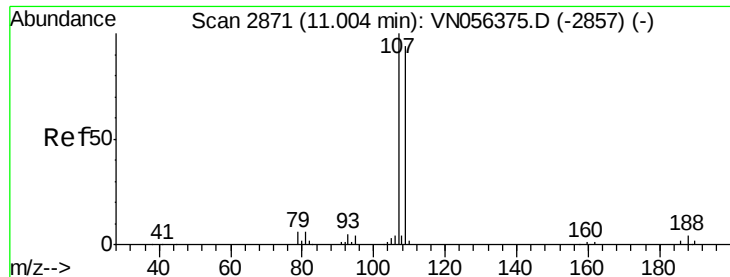
Tot Ion: 43 Resp: 305942
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 129 Resp: 55952
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7

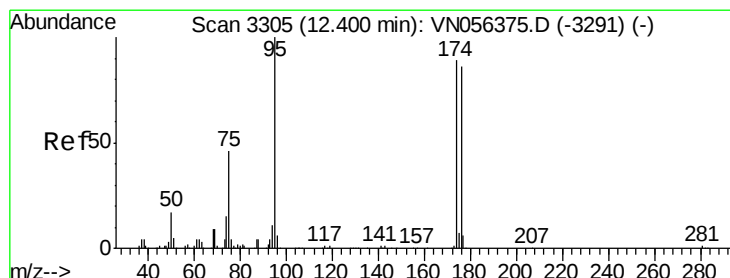
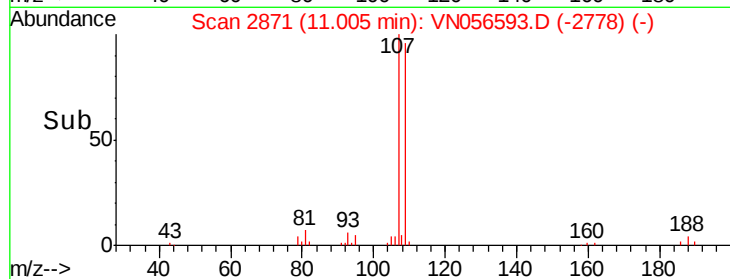
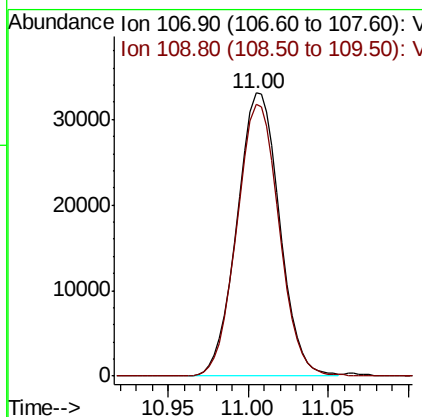
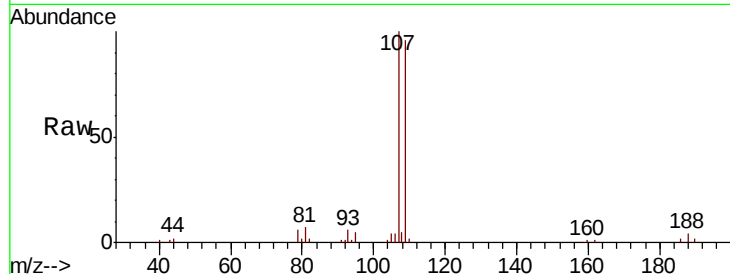




#61
1,2-Dibromoethane
Concen: 20.895 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

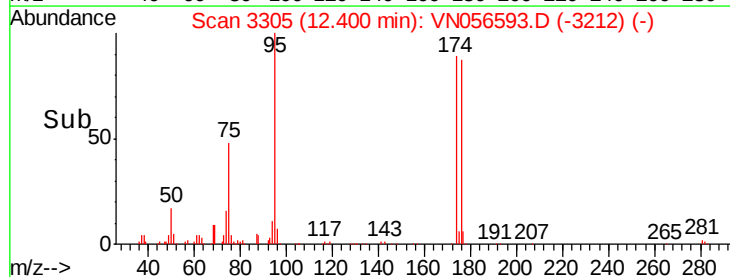
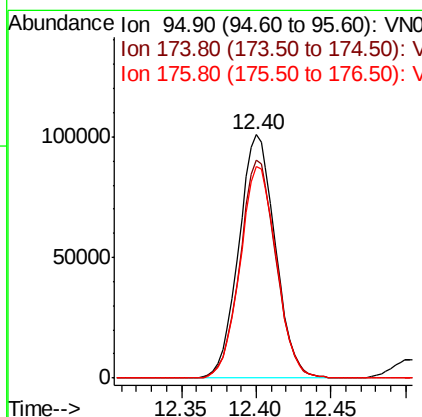
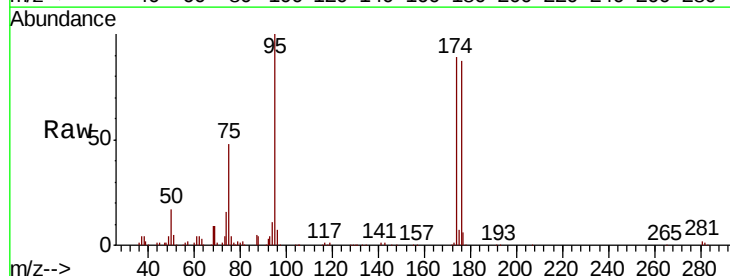
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

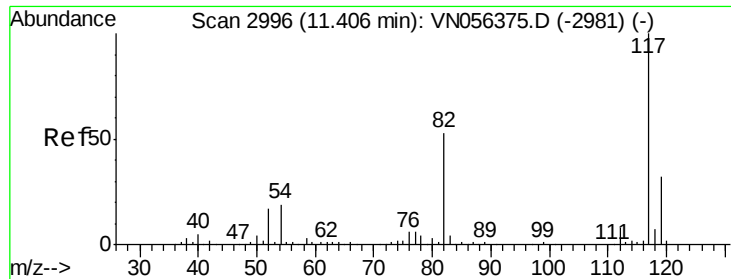
Tot Ion: 107 Resp: 60060
Ion Ratio Lower Upper
107 100
109 95.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.935 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 95 Resp: 170912
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.4
176 87.0 0.0 173.4

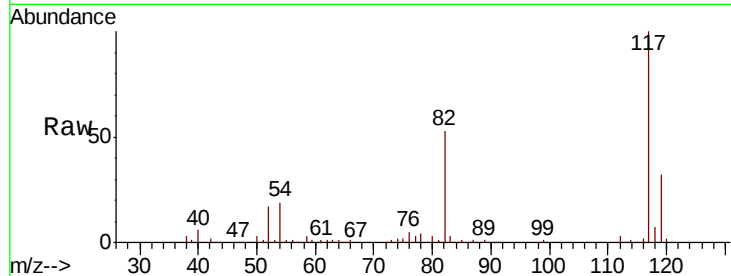




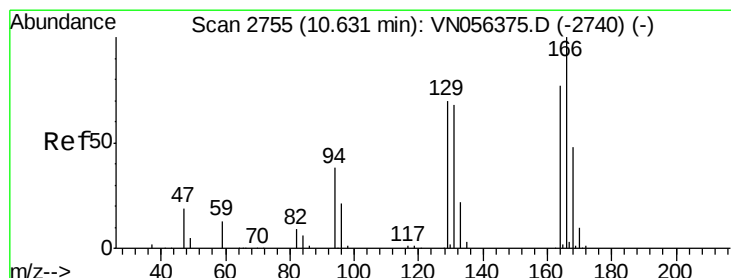
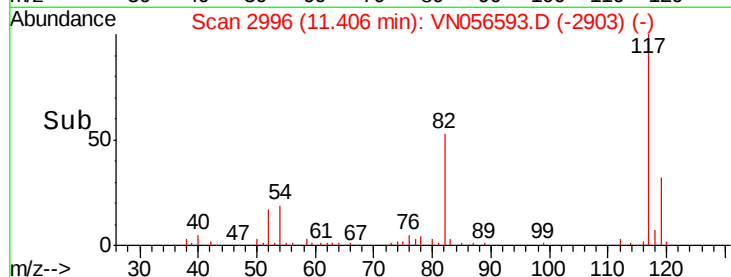
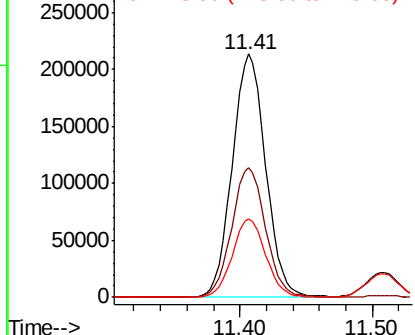
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

Tot Ion:117 Resp: 374324
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.3 25.3 37.9

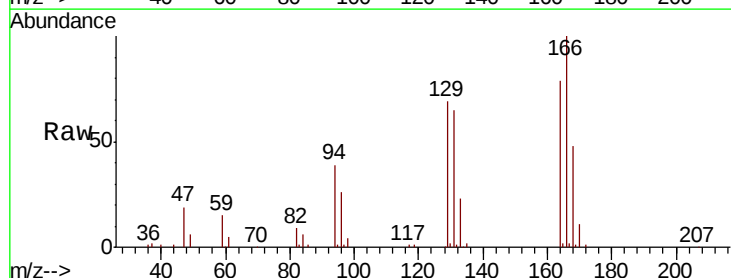


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

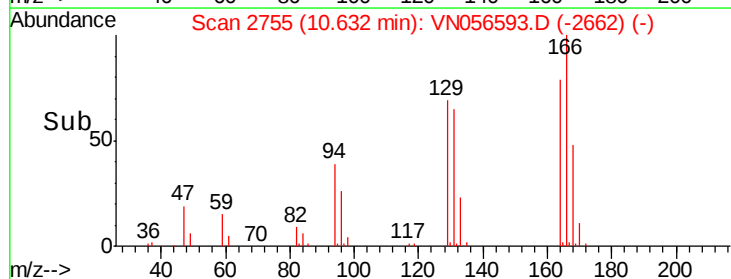
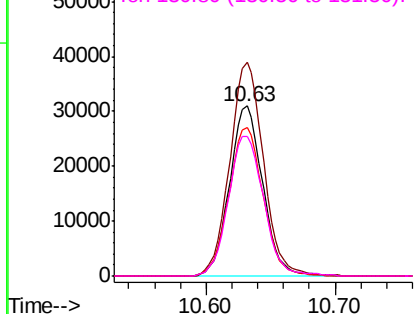


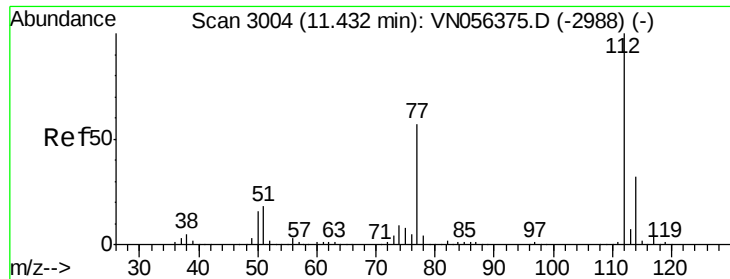
#64
Tetrachloroethene
Concen: 18.619 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion:164 Resp: 55193
Ion Ratio Lower Upper
164 100
166 125.9 103.4 155.0
129 87.4 72.0 108.0
131 82.3 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

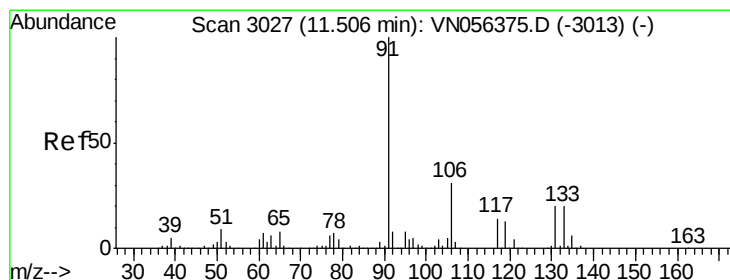
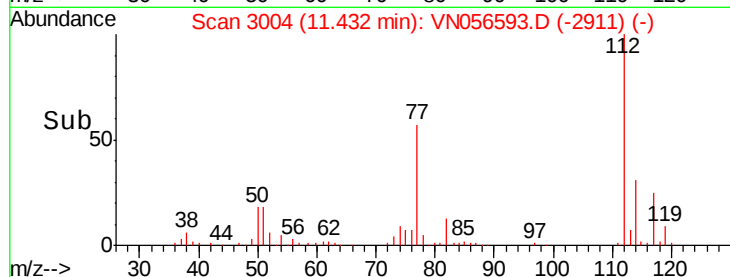
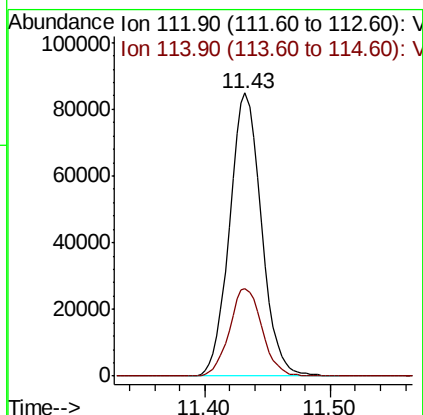
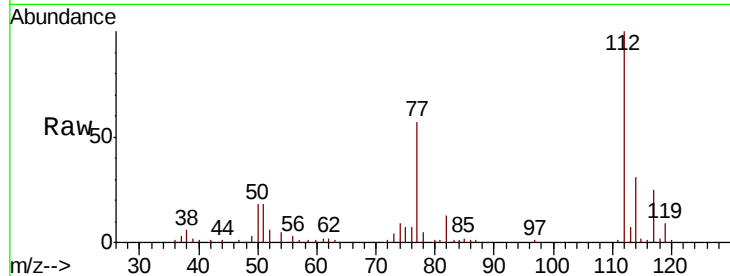




#65
Chlorobenzene
Concen: 19.921 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

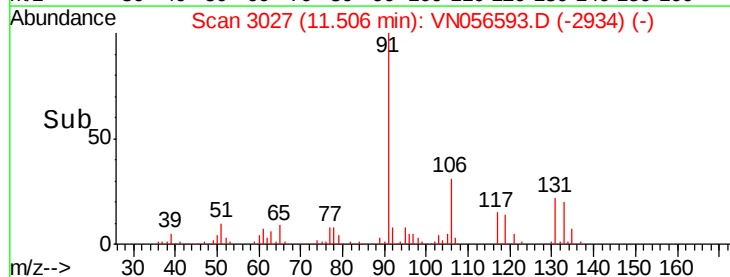
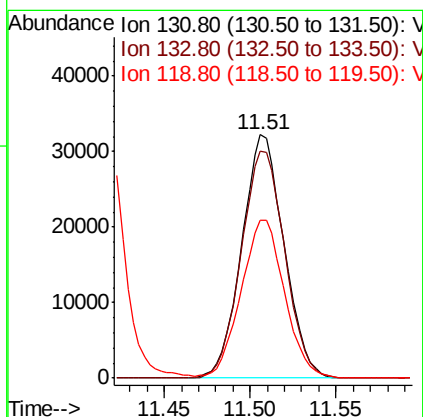
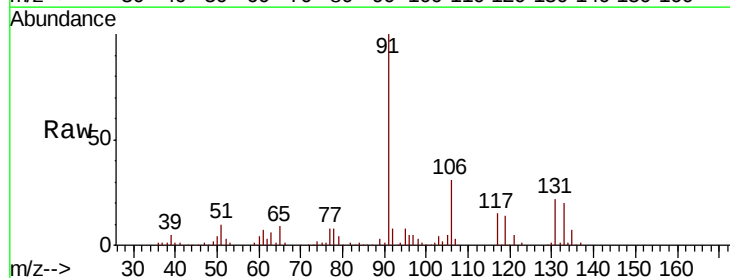
Instrument :
MSVOA_N
ClientSampleId :
VN0704WBS01

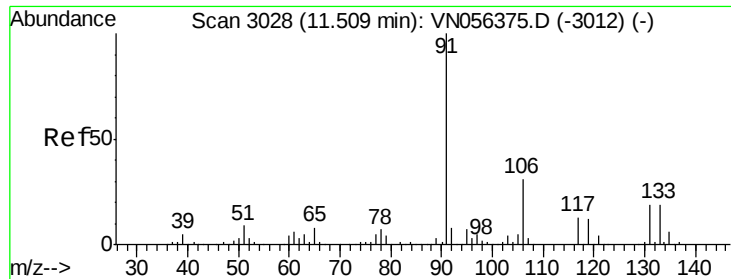
Tot Ion:112 Resp: 149834
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.552 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion:131 Resp: 54786
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 67.0 32.8 98.4

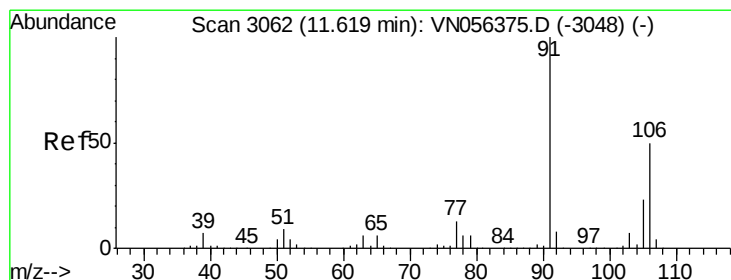
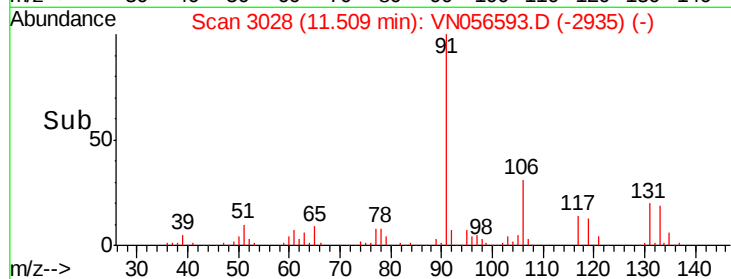
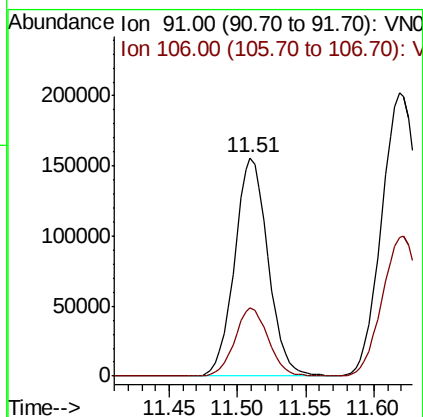
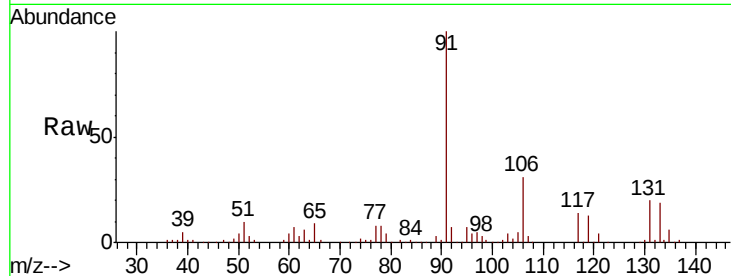




#67
Ethyl Benzene
Concen: 20.057 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

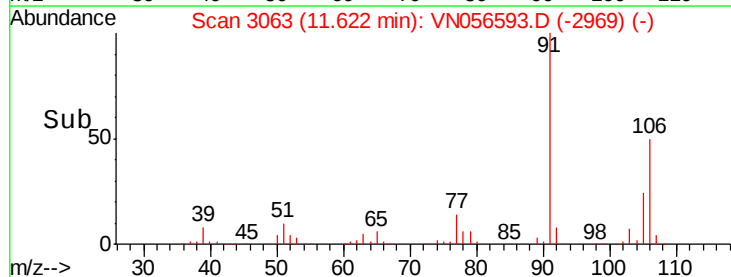
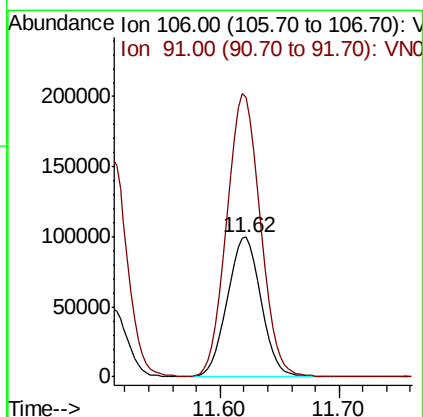
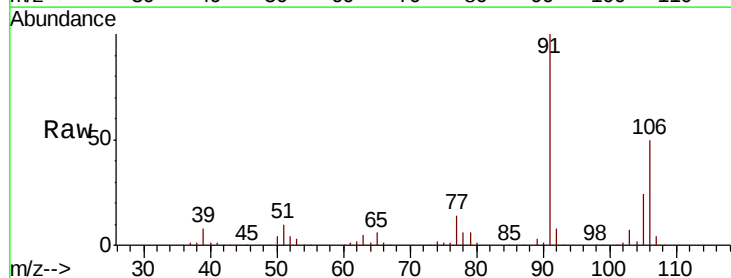
Instrument :
MSVOA_N
ClientSampled :
VN0704WBS01

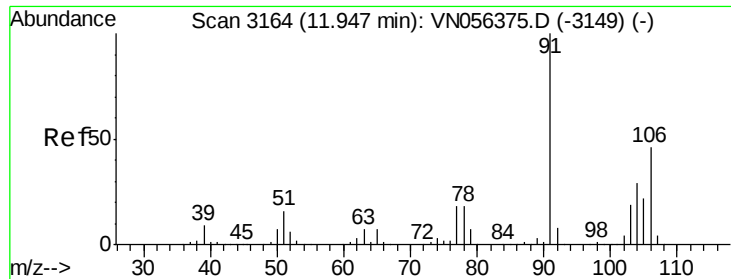
Tot Ion: 91 Resp: 264889
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 40.595 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 106 Resp: 196479
Ion Ratio Lower Upper
106 100
91 201.9 160.1 240.1

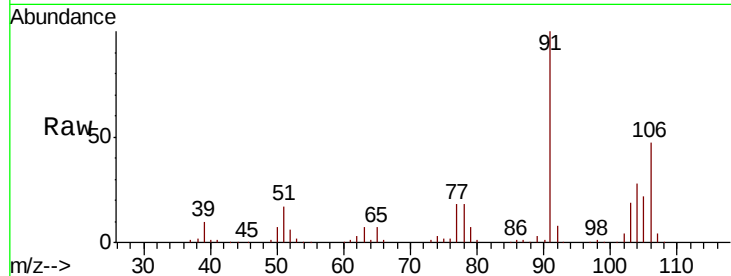




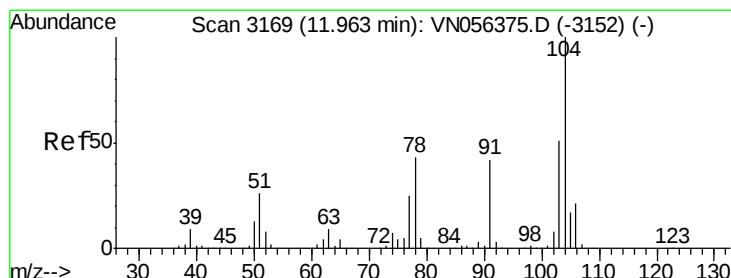
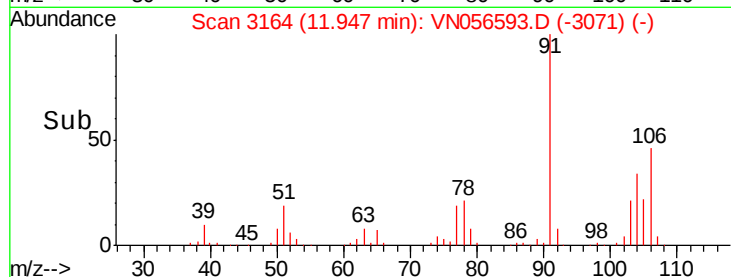
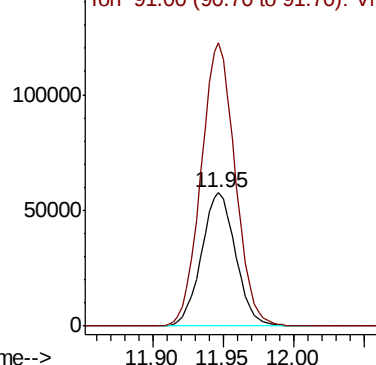
#69
o-Xylene
Concen: 20.353 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampled :
VN0704WBS01

Tot Ion:106 Resp: 97456
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.3

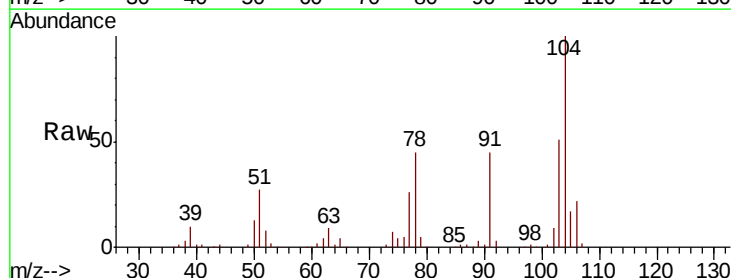


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

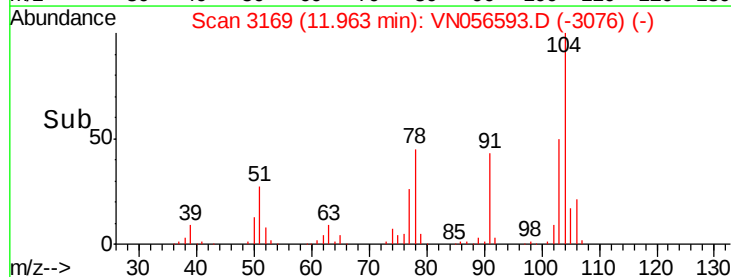
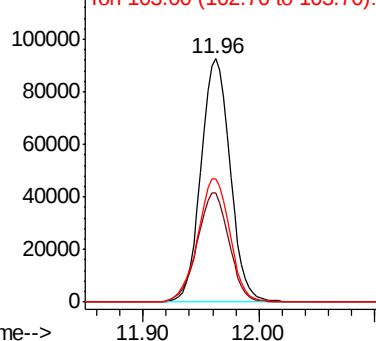


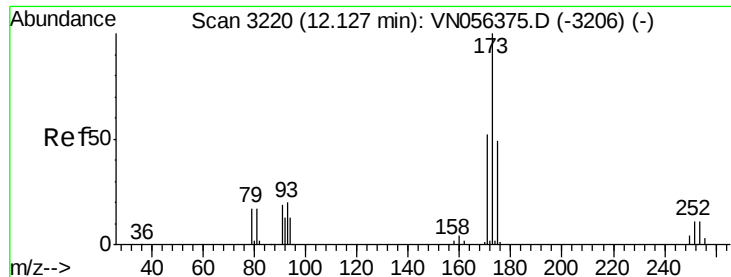
#70
Styrene
Concen: 21.104 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion:104 Resp: 161525
Ion Ratio Lower Upper
104 100
78 49.0 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: 20.557 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

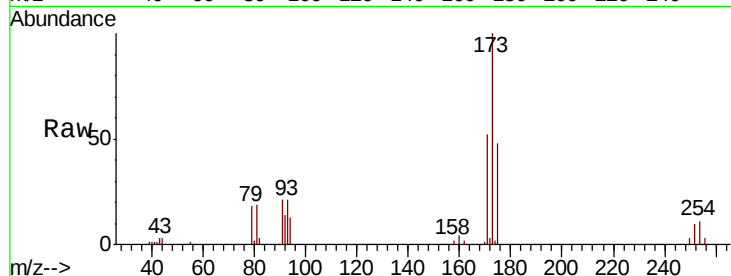
Tot Ion:173 Resp: 38109

Ion Ratio Lower Upper

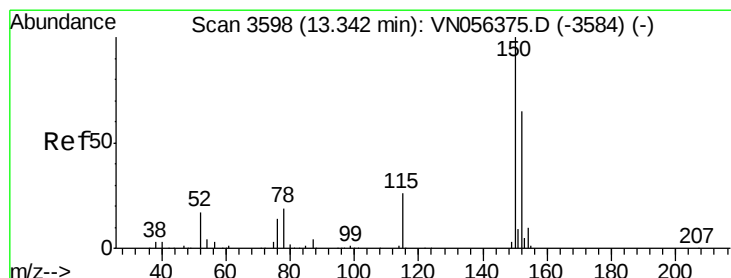
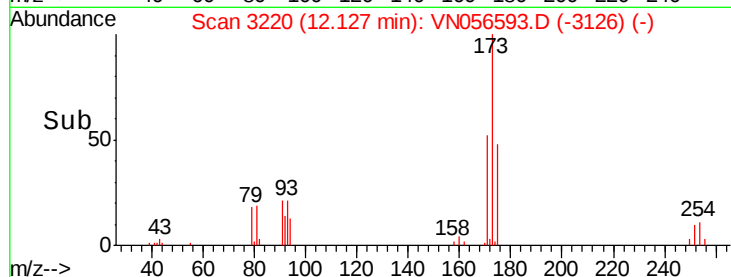
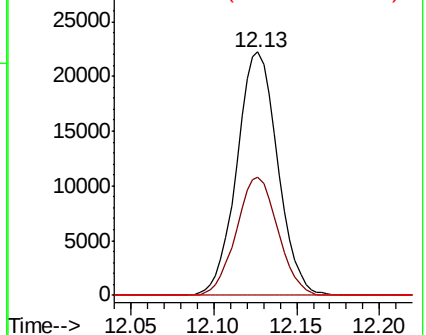
173 100

175 49.4 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: VN056593.D

Acq: 3 Jul 2019 18:38

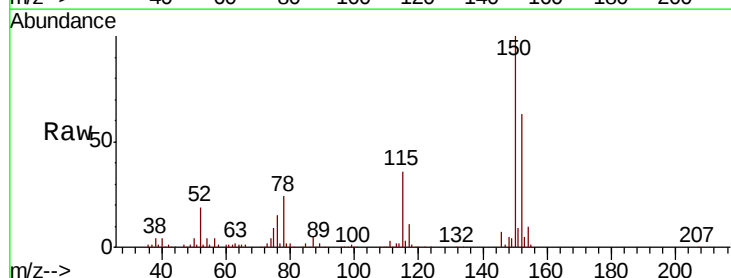
Tgt Ion:152 Resp: 158976

Ion Ratio Lower Upper

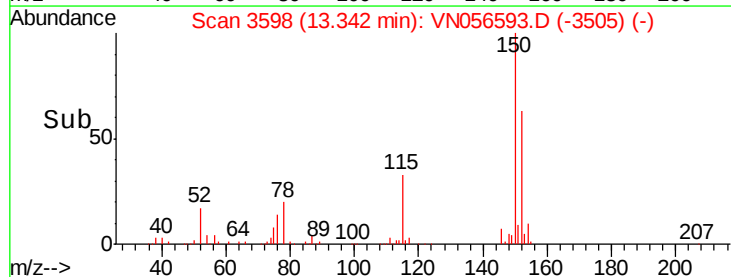
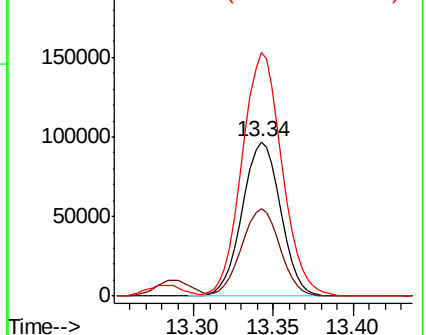
152 100

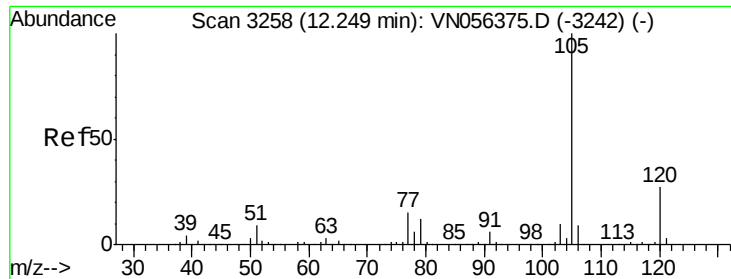
115 56.6 28.1 84.4

150 164.6 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: 20.082 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampled :

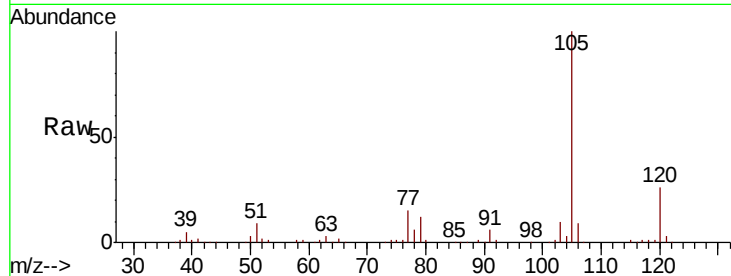
VN0704WBS01

Tot Ion:105 Resp: 258997

Ion Ratio Lower Upper

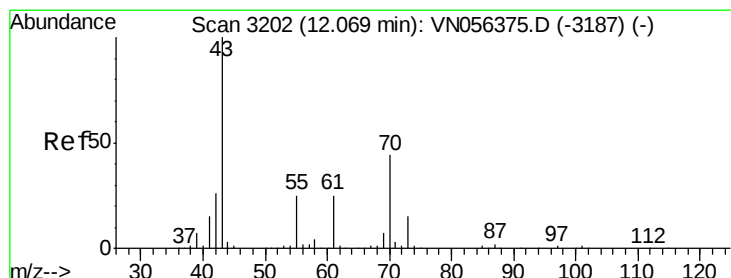
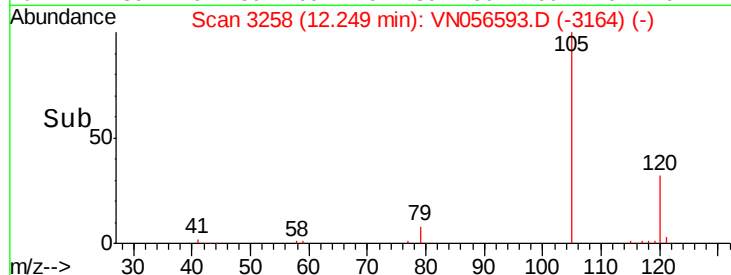
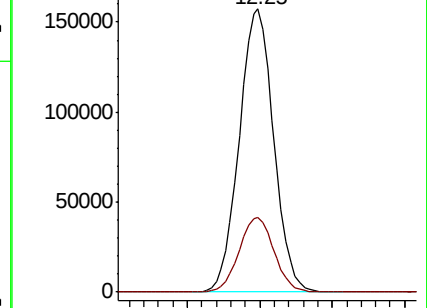
105 100

120 26.9 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: 21.001 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Tgt Ion: 43 Resp: 106255

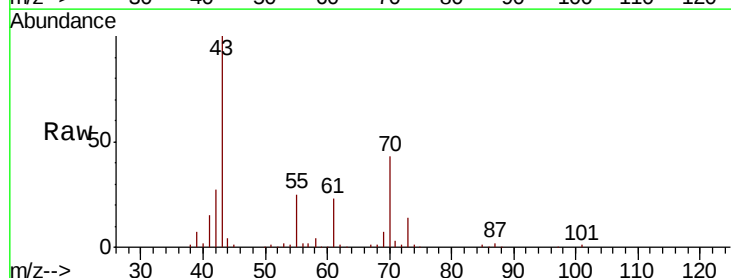
Ion Ratio Lower Upper

43 100

70 42.6 34.9 52.3

55 25.2 20.4 30.6

61 23.0 19.8 29.8

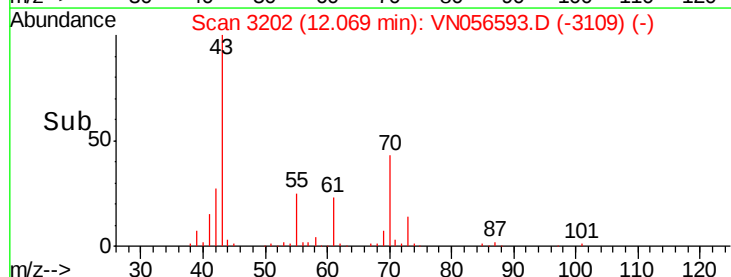
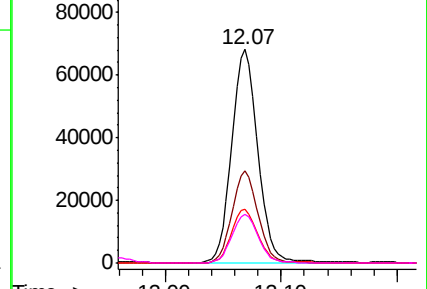


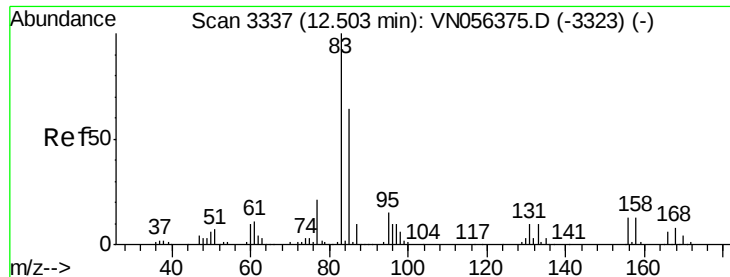
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.685 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

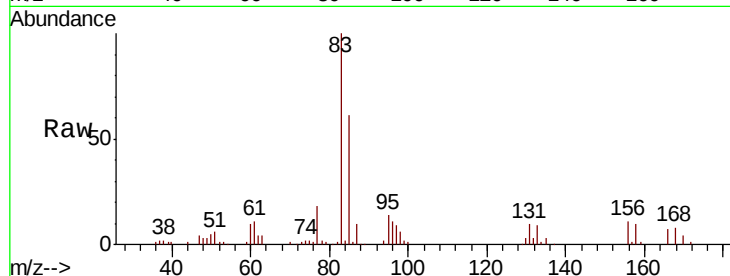
Tot Ion: 83 Resp: 90067

Ion Ratio Lower Upper

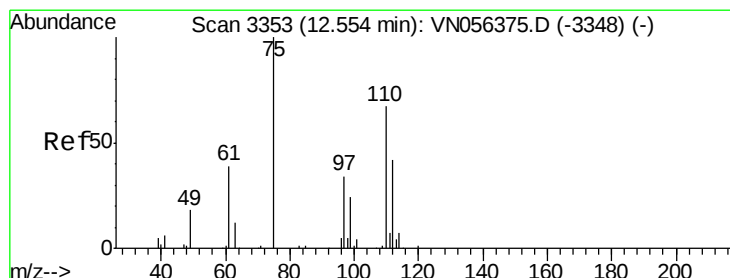
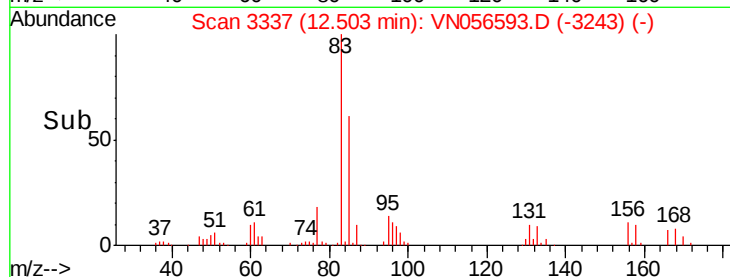
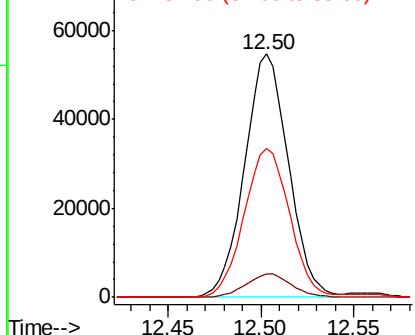
83 100

131 10.1 5.3 15.8

85 63.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.034 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056593.D

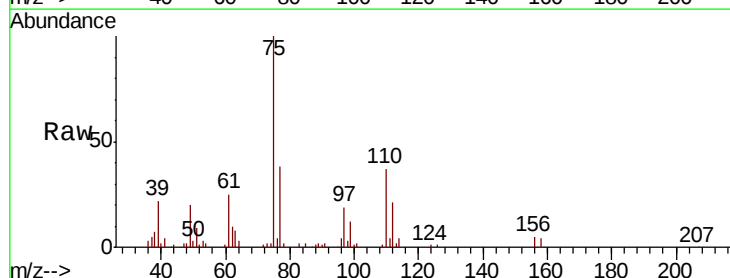
Acq: 3 Jul 2019 18:38

Tgt Ion: 75 Resp: 102301

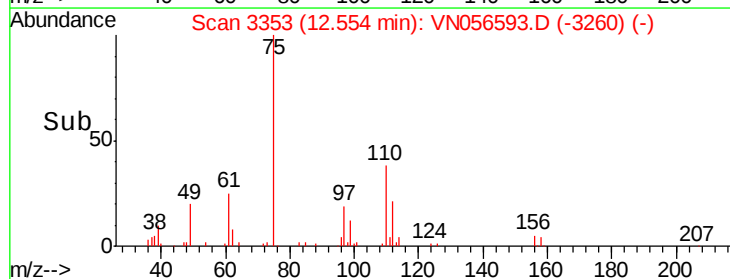
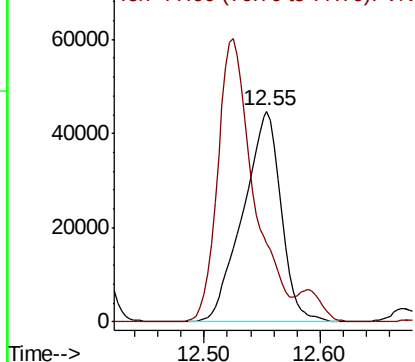
Ion Ratio Lower Upper

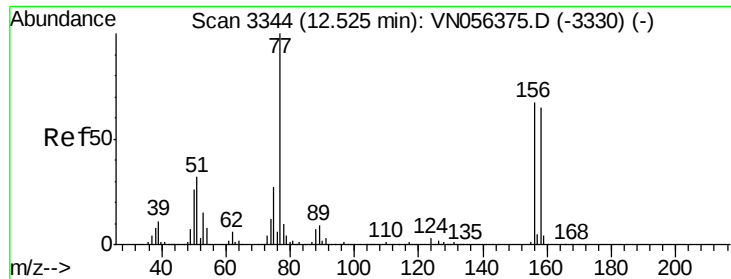
75 100

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: 18.634 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampled :

VN0704WBS01

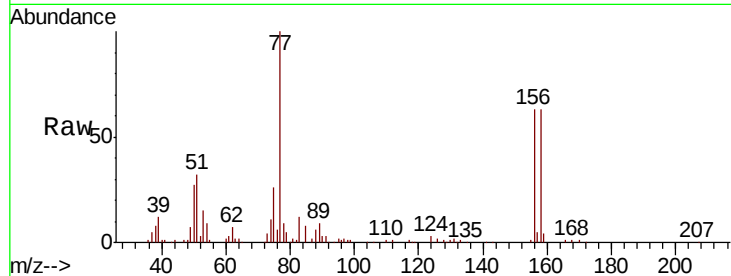
Tot Ion:156 Resp: 66239

Ion Ratio Lower Upper

156 100

77 196.3 92.5 277.3

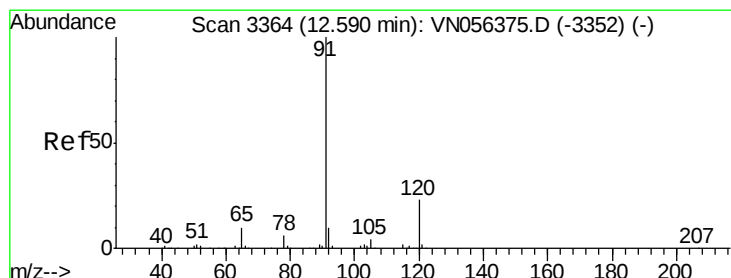
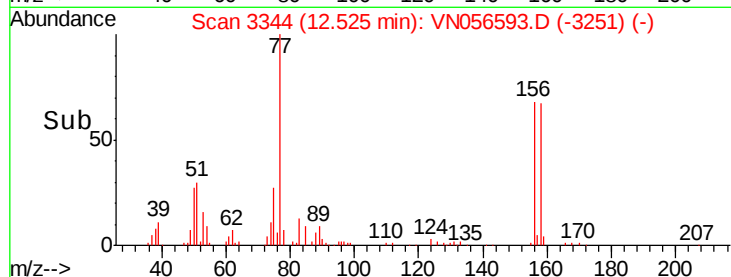
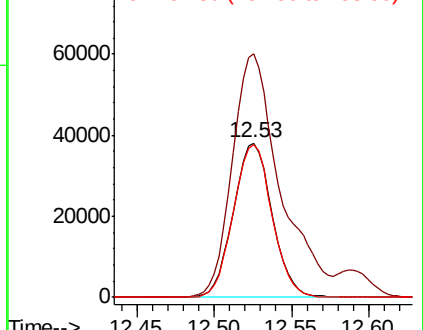
158 98.7 48.7 146.1



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: 19.314 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056593.D

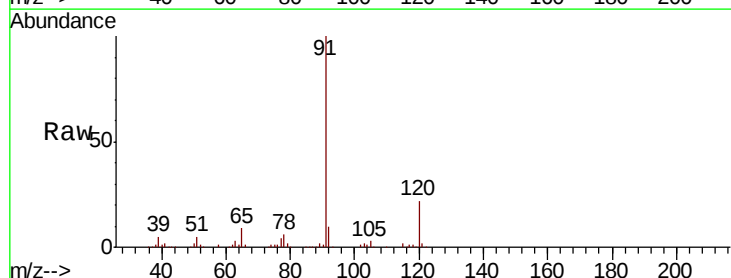
Acq: 3 Jul 2019 18:38

Tgt Ion: 91 Resp: 281175

Ion Ratio Lower Upper

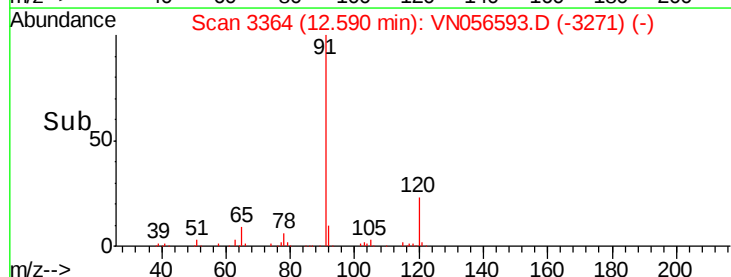
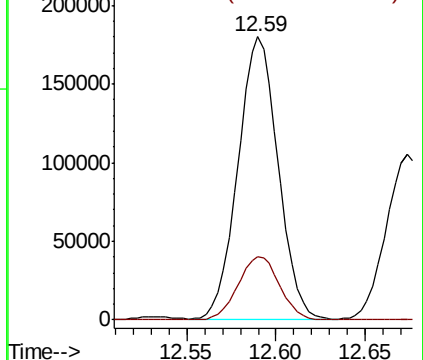
91 100

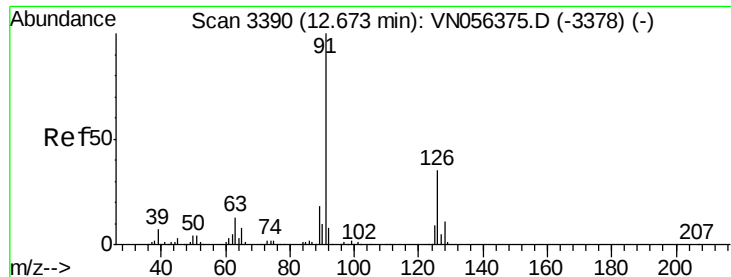
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.151 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

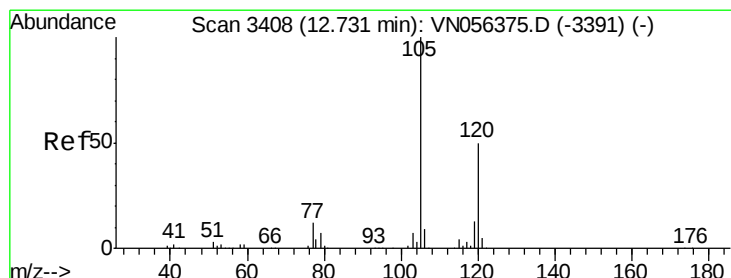
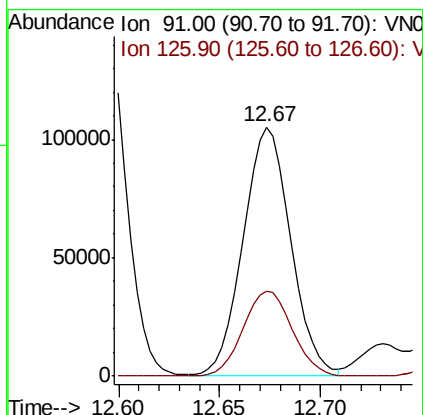
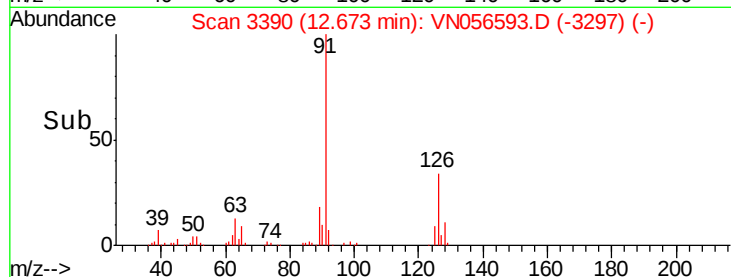
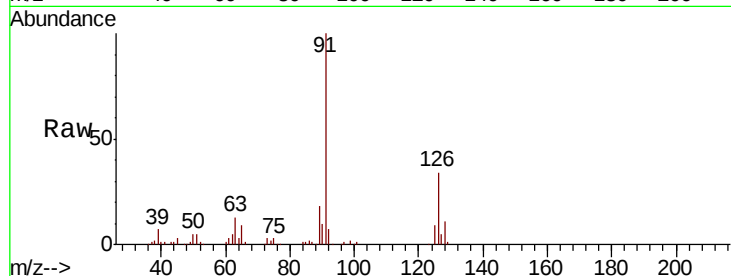
VN0704WBS01

Tot Ion: 91 Resp: 172924

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 20.310 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056593.D

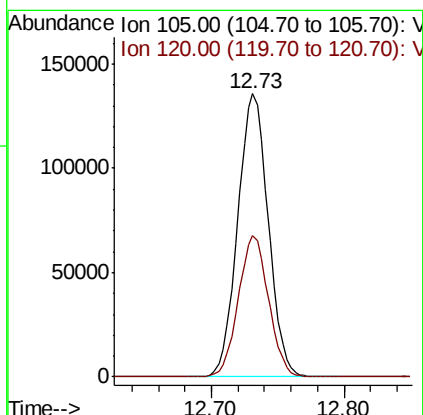
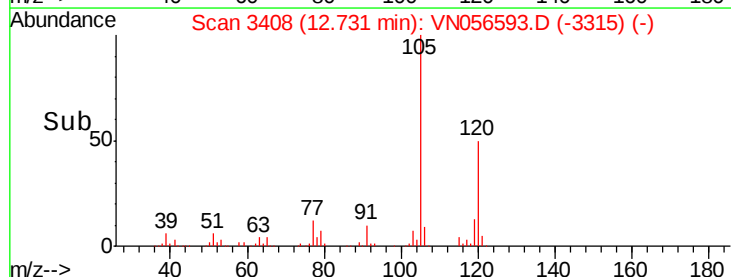
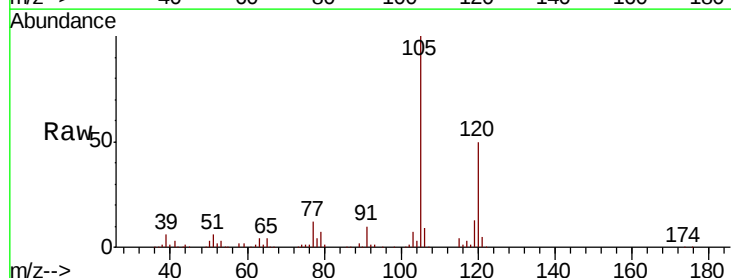
Acq: 3 Jul 2019 18:38

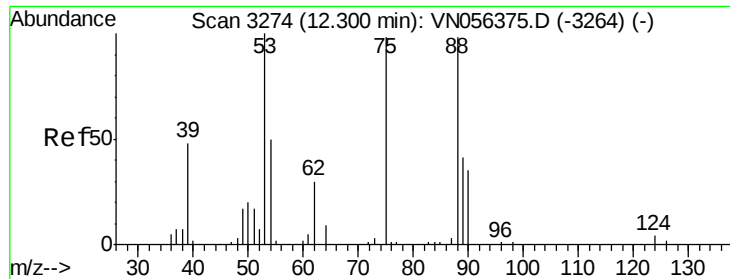
Tgt Ion: 105 Resp: 216627

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.205 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

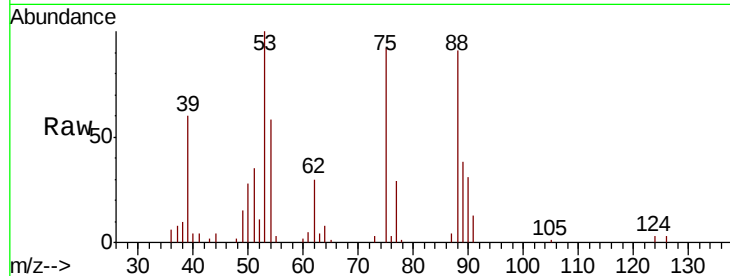
Tot Ion: 75 Resp: 19667

Ion Ratio Lower Upper

75 100

53 111.5 83.9 125.9

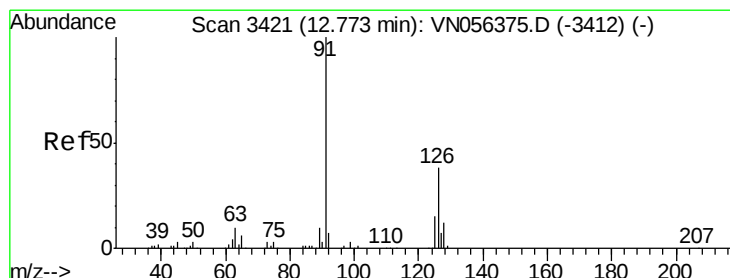
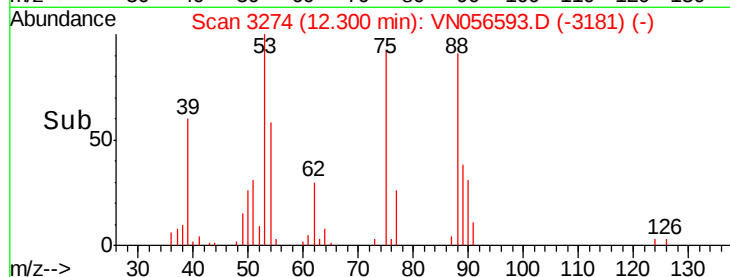
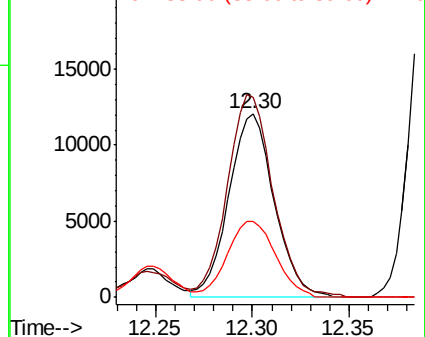
89 44.0 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.599 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056593.D

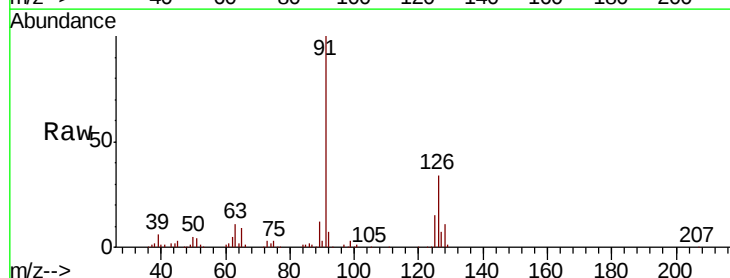
Acq: 3 Jul 2019 18:38

Tgt Ion: 91 Resp: 168472

Ion Ratio Lower Upper

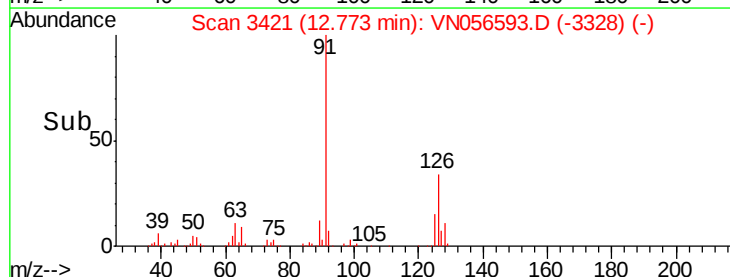
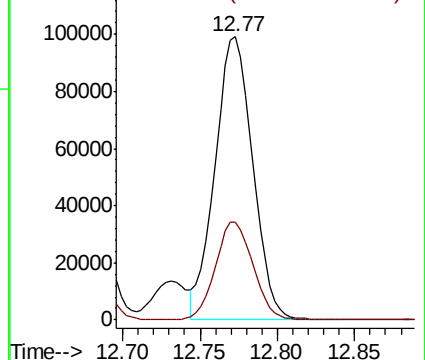
91 100

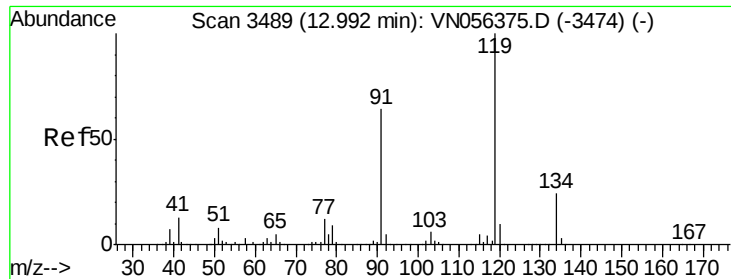
126 34.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

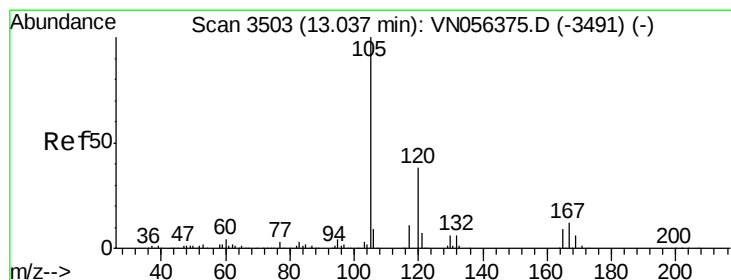
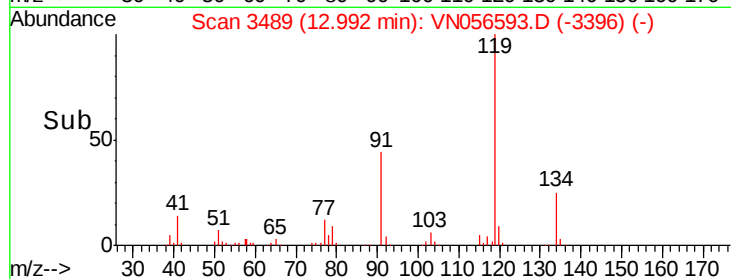
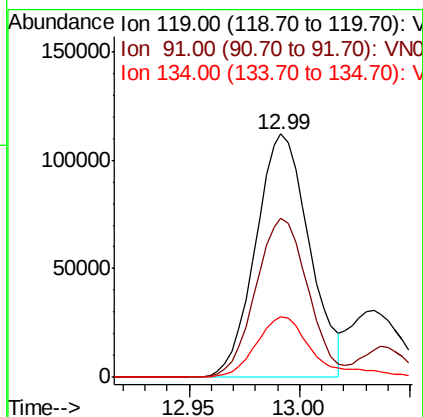
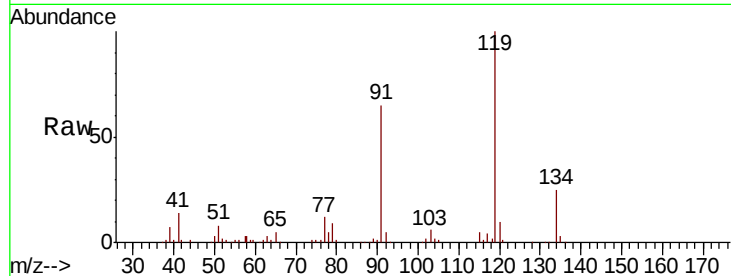




#83
tert-Butylbenzene
Concen: 19.996 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

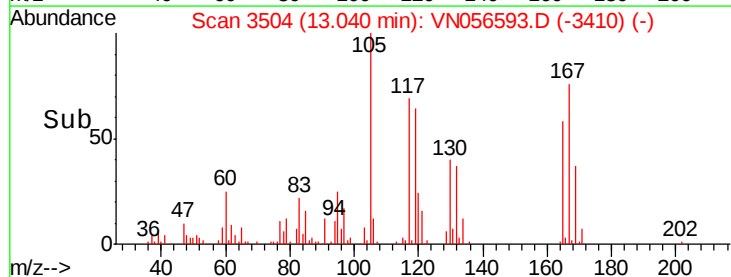
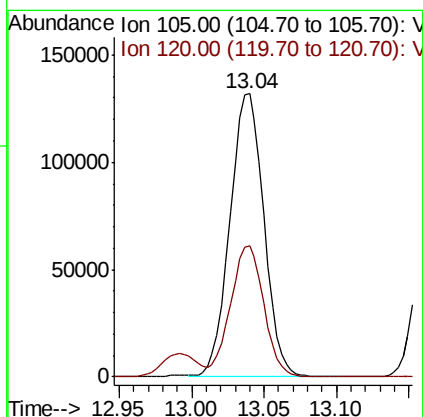
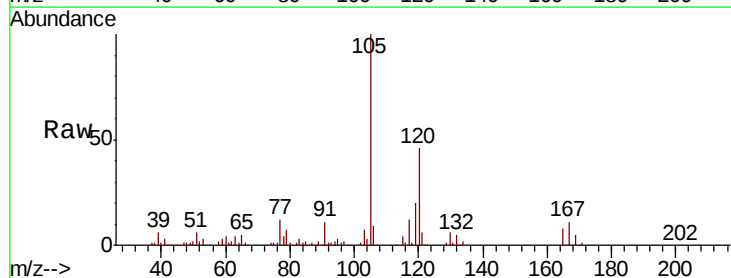
Instrument :
MSVOA_N
ClientSampled :
VN0704WBS01

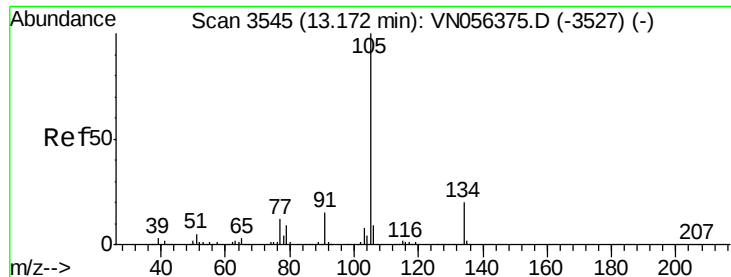
Tot Ion:119 Resp: 188764
Ion Ratio Lower Upper
119 100
91 63.7 31.6 94.7
134 26.7 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.014 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion:105 Resp: 214199
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.8

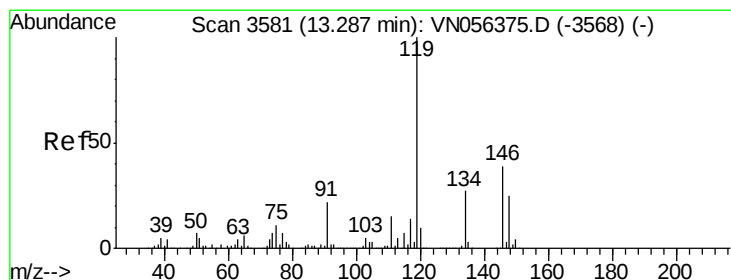
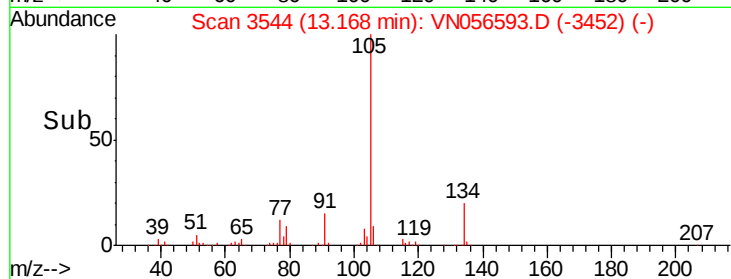
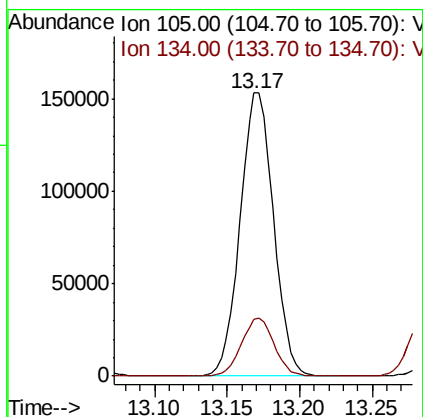
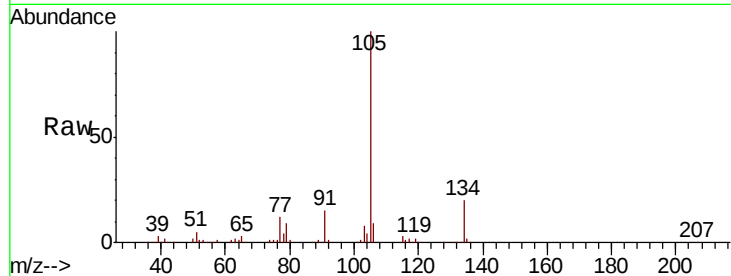




#85
 sec-Butylbenzene
 Concen: 19.172 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

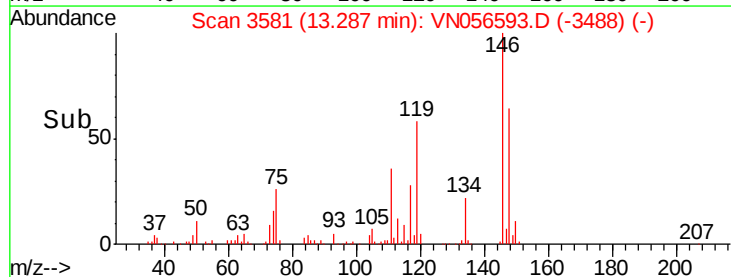
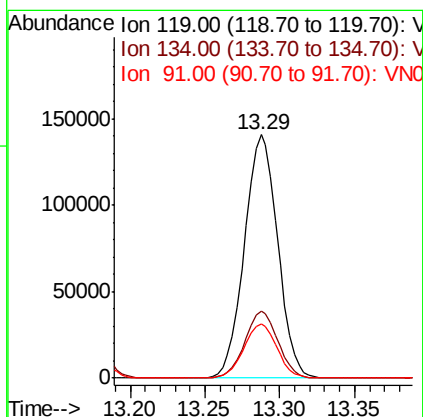
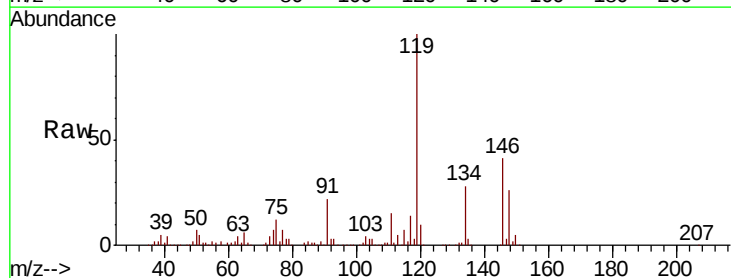
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

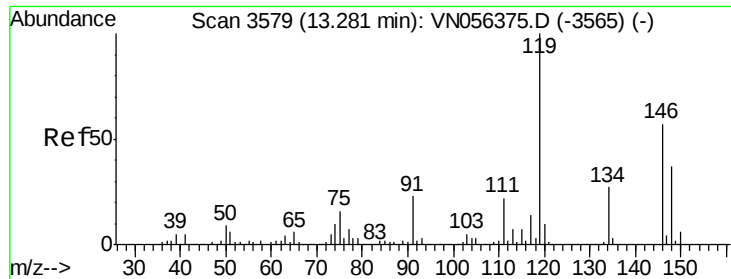
Tot Ion:105 Resp: 245322
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.791 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion:119 Resp: 217333
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 22.3 11.2 33.5

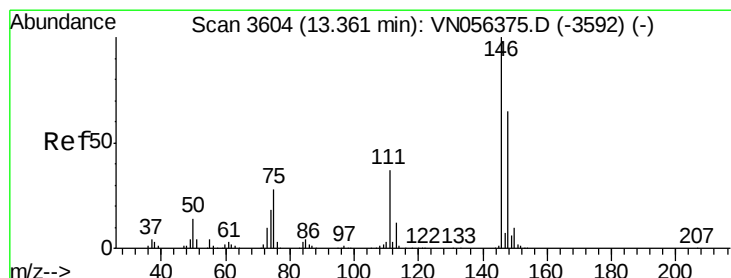
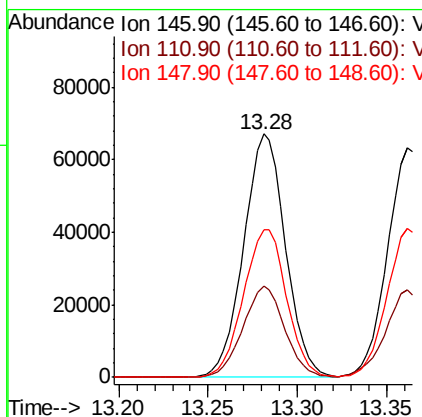
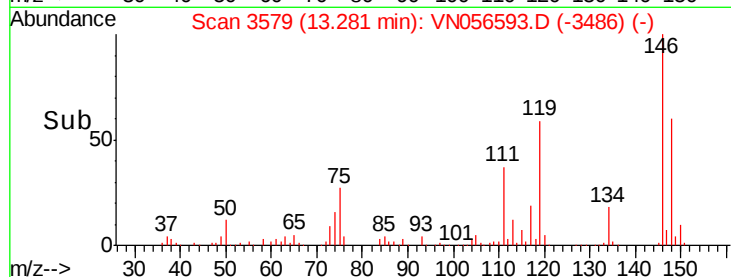
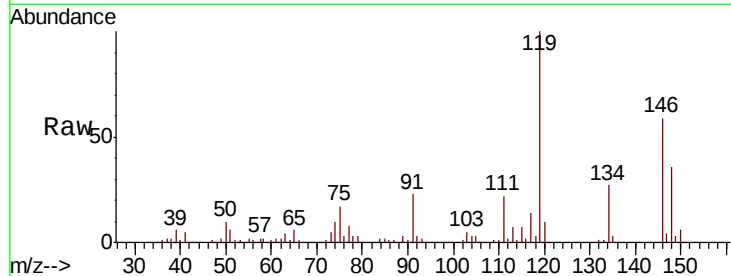




#87
 1,3-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

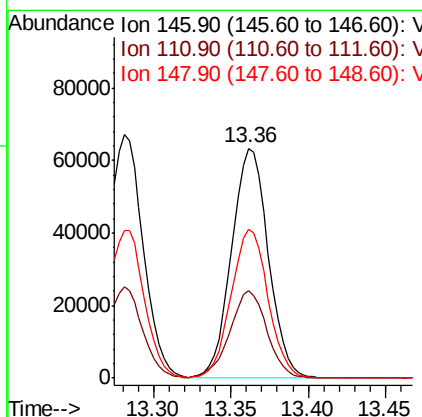
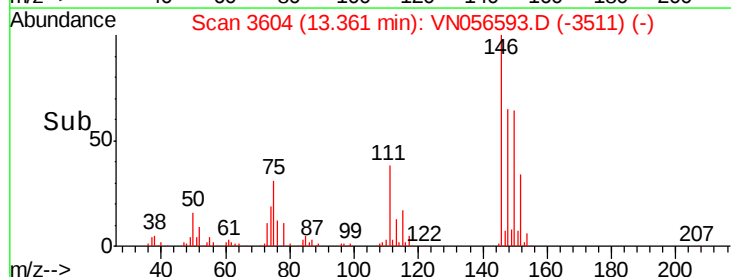
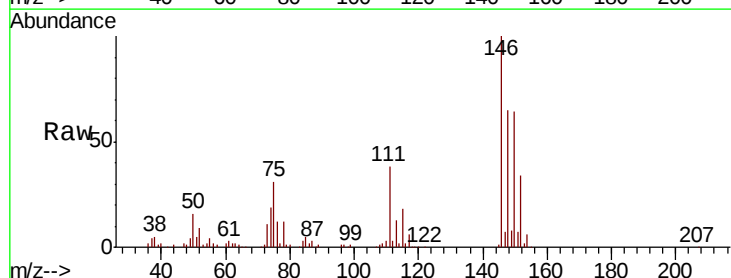
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

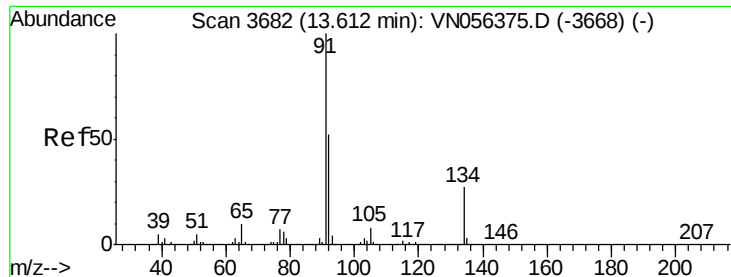
Tot Ion:146 Resp: 109452
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.9
 148 62.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.002 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion:146 Resp: 104353
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.4 55.4
 148 65.1 32.4 97.0

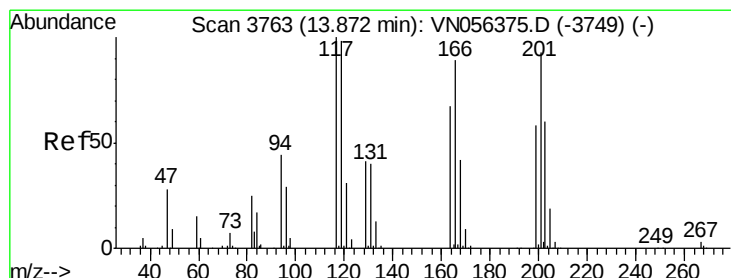
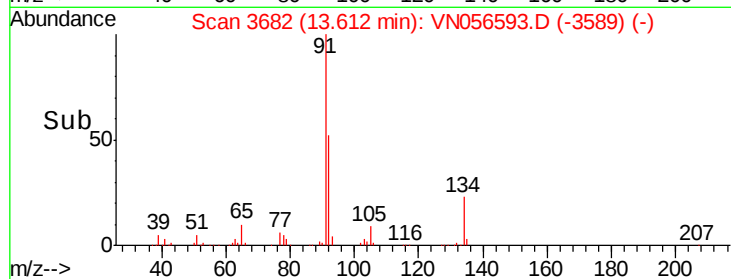
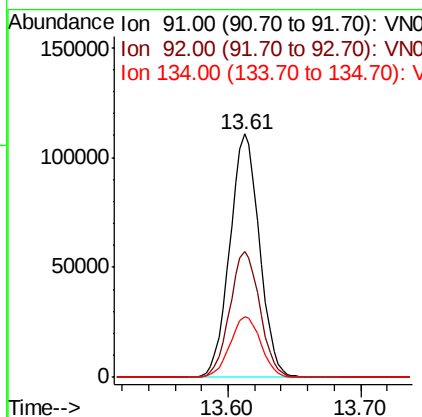
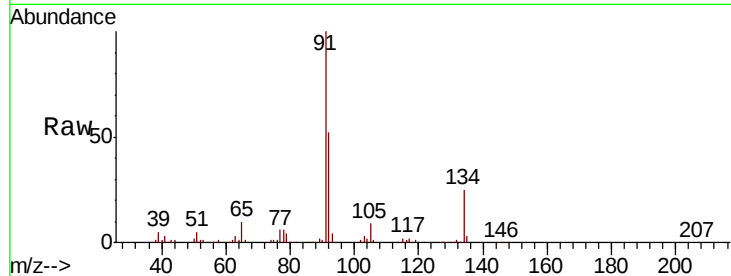




#89
n-Butylbenzene
Concen: 20.668 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

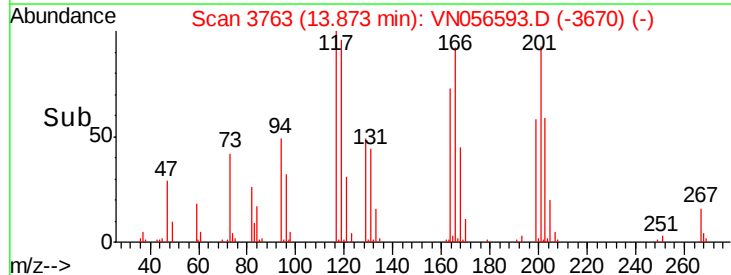
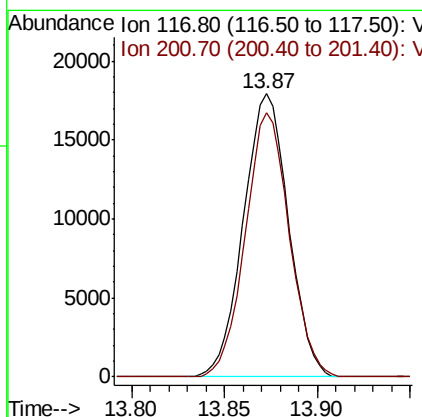
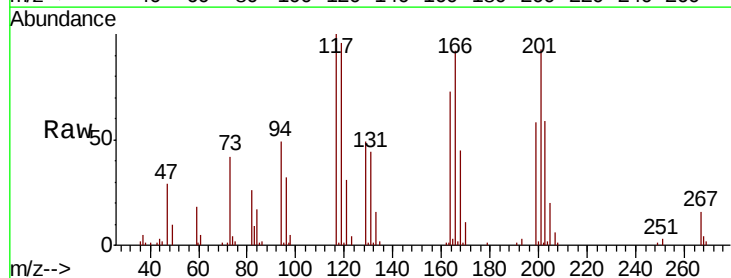
Instrument :
MSVOA_N
ClientSampled :
VN0704WBS01

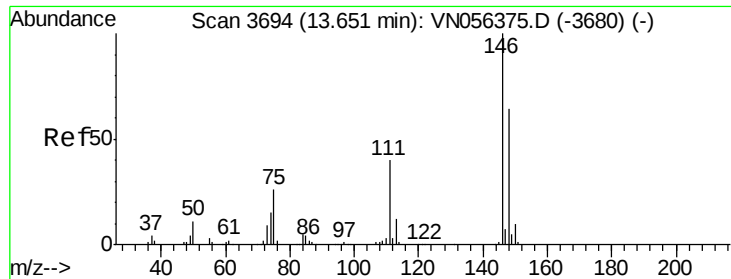
Tot Ion: 91 Resp: 171820
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 25.8 13.4 40.2



#90
Hexachloroethane
Concen: 17.738 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056593.D
Acq: 3 Jul 2019 18:38

Tgt Ion: 117 Resp: 30369
Ion Ratio Lower Upper
117 100
201 90.9 45.9 137.6





#91

1,2-Dichlorobenzene

Concen: 21.076 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

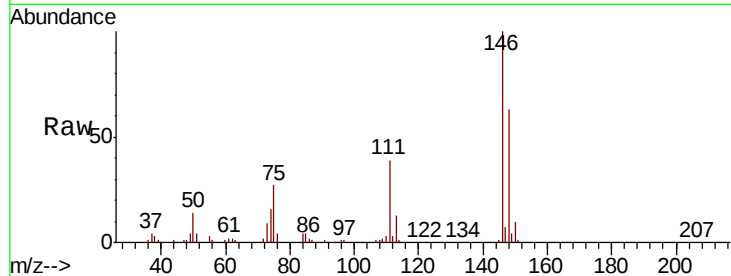
Tot Ion:146 Resp: 112647

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

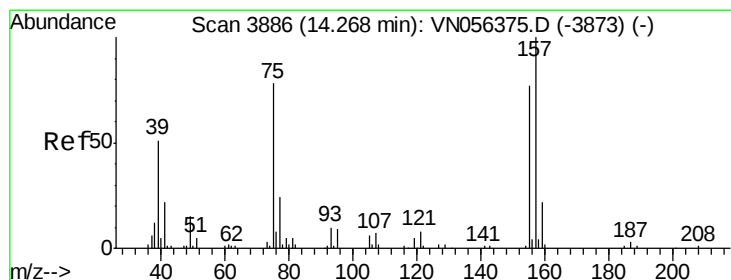
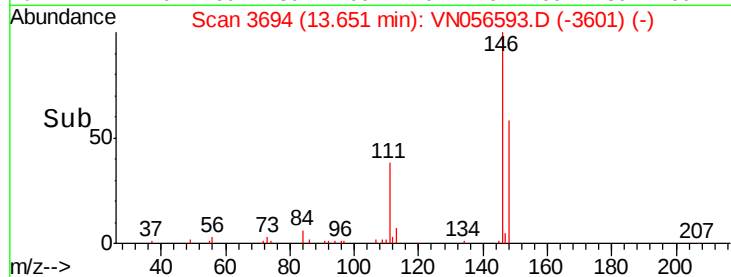
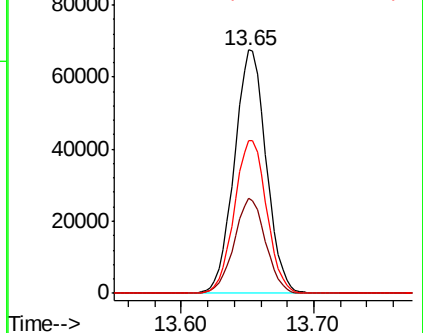
148 63.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.541 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

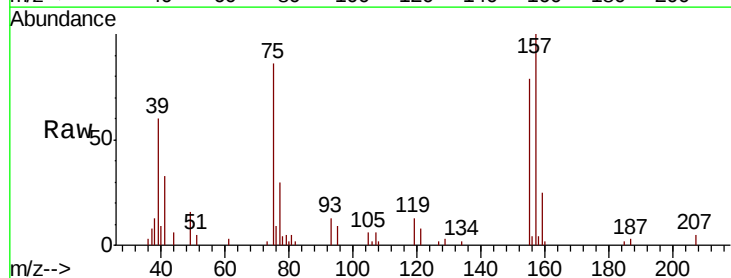
Tgt Ion: 75 Resp: 14436

Ion Ratio Lower Upper

75 100

155 95.9 48.9 146.8

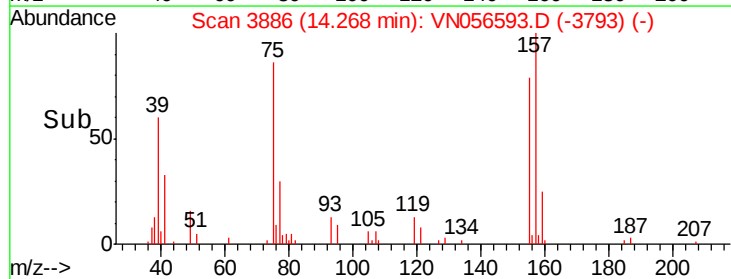
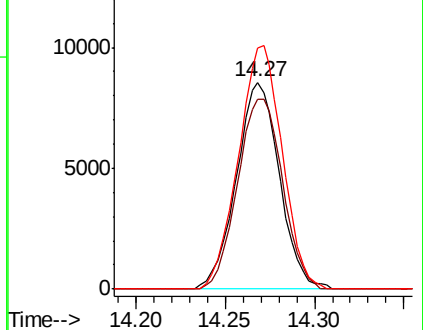
157 119.6 62.9 188.8

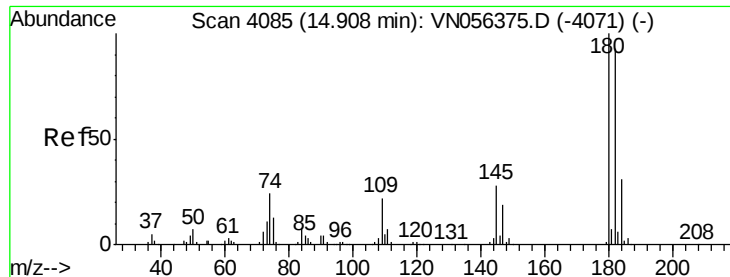


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

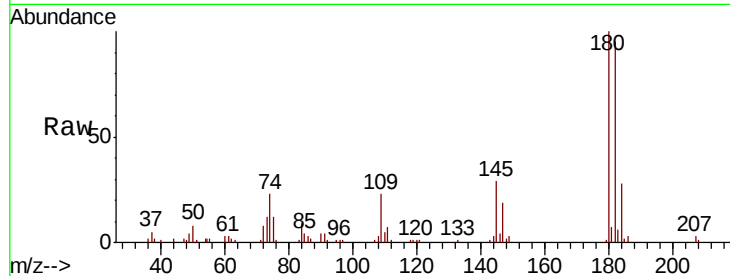




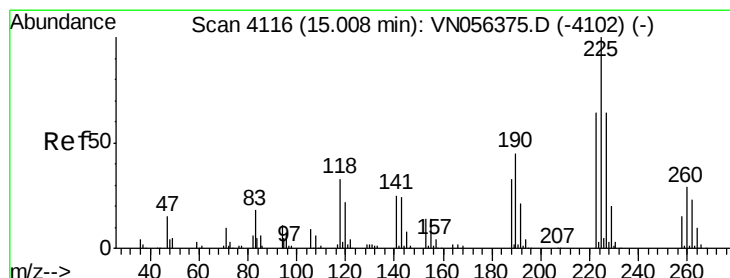
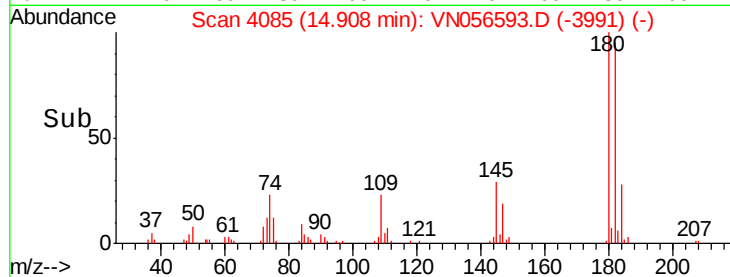
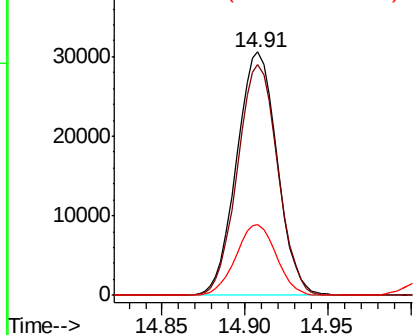
#93
 1,2,4-Trichlorobenzene
 Concen: 22.172 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBS01

Tot Ion:180 Resp: 51914
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.6
 145 29.1 14.4 43.0

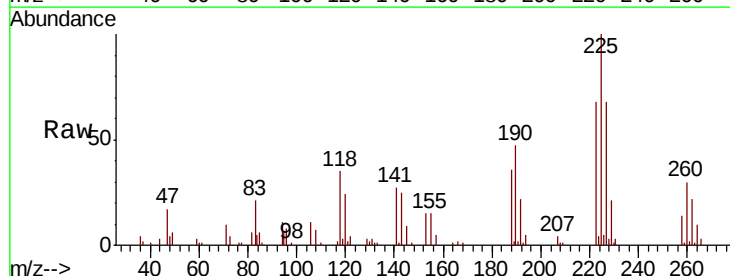


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

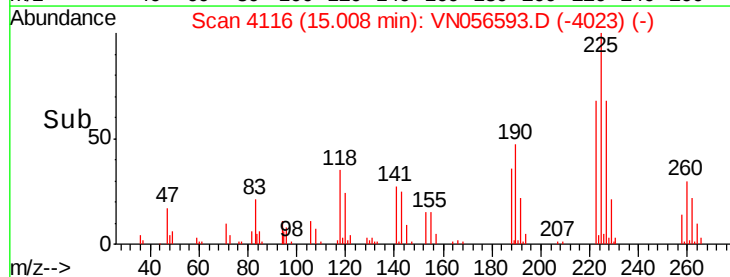
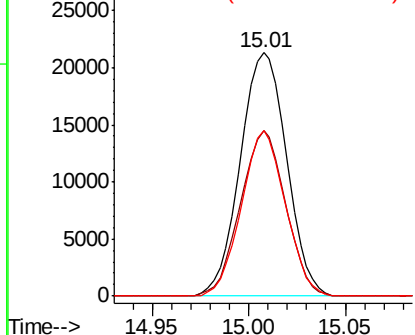


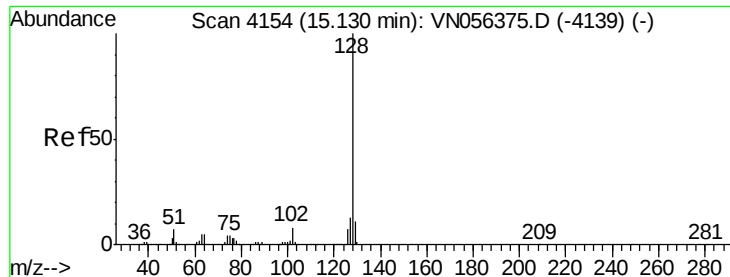
#94
 Hexachlorobutadiene
 Concen: 18.477 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056593.D
 Acq: 3 Jul 2019 18:38

Tgt Ion:225 Resp: 35612
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.4 94.3
 227 64.2 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: 23.421 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBS01

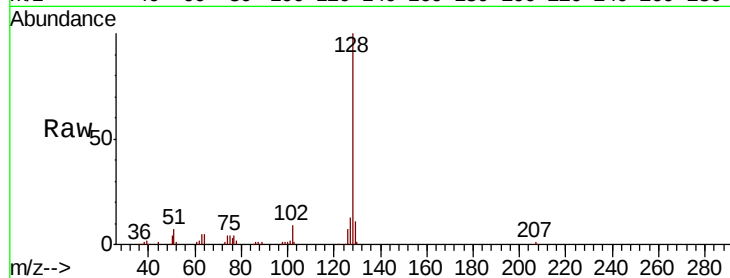
Tot Ion:128 Resp: 147708

Ion Ratio Lower Upper

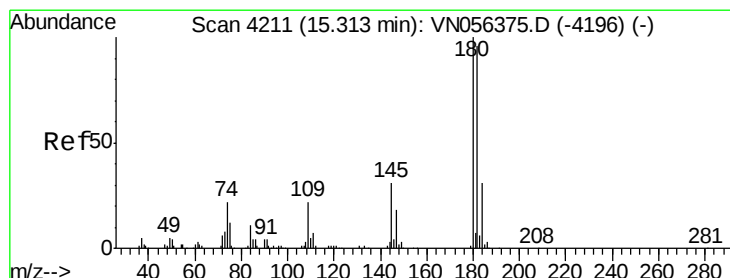
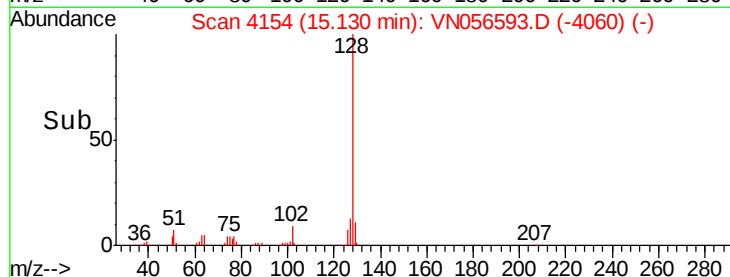
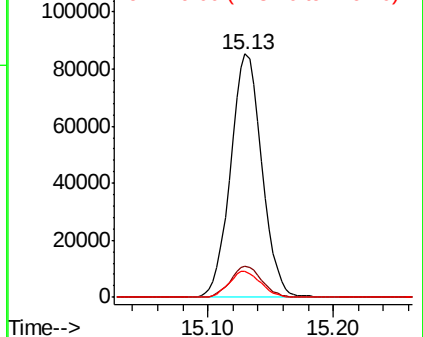
128 100

127 12.8 10.2 15.2

129 10.7 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 22.462 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056593.D

Acq: 3 Jul 2019 18:38

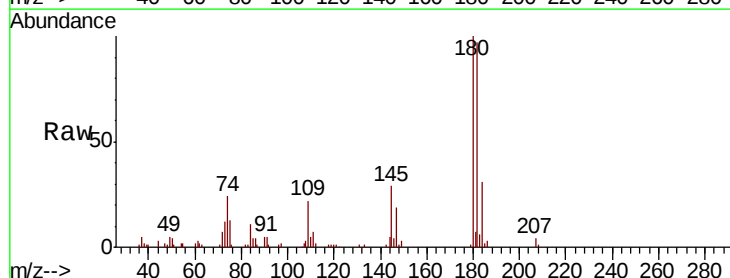
Tgt Ion:180 Resp: 56962

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 30.3 15.4 46.1



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

