

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091519\
 Data File : VN058079.D
 Acq On : 15 Sep 2019 9:45
 Operator : JC/SP
 Sample : VN0915WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 03:38:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	336000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	535072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	505590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	351656	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
35) Dibromofluoromethane	7.58	113	250277	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	10.09	98	991359	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	347908	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95282	20.505	ug/l	99
3) Chloromethane	2.04	50	82096	17.334	ug/l	99
4) Vinyl Chloride	2.17	62	83087	16.576	ug/l	98
5) Bromomethane	2.55	94	45883	15.611	ug/l	98
6) Chloroethane	2.69	64	54711	17.129	ug/l	99
7) Trichlorofluoromethane	3.00	101	116099	18.405	ug/l	100
8) Diethyl Ether	3.39	74	51835	19.702	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86578	21.757	ug/l	98
10) Methyl Iodide	3.93	142	77773	17.564	ug/l	97
11) Tert butyl alcohol	4.76	59	81183	98.562	ug/l	99
12) 1,1-Dichloroethene	3.72	96	68321	19.096	ug/l	96
13) Acrolein	3.58	56	27307	39.077	ug/l	99
14) Allyl chloride	4.30	41	122479	17.493	ug/l	92
15) Acrylonitrile	4.96	53	239867	105.951	ug/l	99
16) Acetone	3.80	43	222034	99.525	ug/l	99
17) Carbon Disulfide	4.03	76	93396	16.878	ug/l	99
18) Methyl Acetate	4.30	43	136016	22.866	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	316619	21.265	ug/l	98
20) Methylene Chloride	4.53	84	94432	21.534	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	75318	19.474	ug/l	97
22) Diisopropyl ether	5.93	45	355040	21.623	ug/l	97
23) Vinyl Acetate	5.87	43	1248354	107.277	ug/l	99
24) 1,1-Dichloroethane	5.83	63	189742	21.144	ug/l	100
25) 2-Butanone	6.82	43	333586	103.311	ug/l	100
26) 2,2-Dichloropropane	6.81	77	145363	20.469	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	105974	20.446	ug/l	97
28) Bromochloromethane	7.18	49	93719	20.904	ug/l	96
29) Tetrahydrofuran	7.19	42	202563	101.806	ug/l	99
30) Chloroform	7.36	83	198875	21.195	ug/l	98
31) Cyclohexane	7.64	56	130224	19.951	ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	151480	20.356	ug/l	98
36) 1,1-Dichloropropene	7.78	75	124092	19.997	ug/l	100
37) Ethyl Acetate	6.91	43	135168	21.083	ug/l	98
38) Carbon Tetrachloride	7.76	117	120668	21.299	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	127286	19.512	ug/l	98
40) Benzene	8.03	78	384818	20.598	ug/l	98
41) Methacrylonitrile	7.16	41	62565	21.498	ug/l #	72
42) 1,2-Dichloroethane	8.11	62	161482	21.612	ug/l	100
43) Isopropyl Acetate	8.15	43	248033	23.005	ug/l	97
44) Trichloroethene	8.82	130	94472	20.617	ug/l	96
45) 1,2-Dichloropropane	9.11	63	118593	21.815	ug/l	97
46) Dibromomethane	9.20	93	71102	21.644	ug/l	97
47) Bromodichloromethane	9.39	83	143933	21.941	ug/l	96
48) Methyl methacrylate	9.19	41	110582	20.219	ug/l	98
49) 1,4-Dioxane	9.19	88	36251	391.947	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	713298	111.796	ug/l	99
52) Toluene	10.15	92	245274	20.845	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	144094	20.859	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	163408	21.425	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	107987	21.665	ug/l	97
56) Ethyl methacrylate	10.43	69	152503	20.318	ug/l	98
57) 1,3-Dichloropropane	10.71	76	185345	21.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	339651	96.077	ug/l	98
59) 2-Hexanone	10.75	43	506258	105.860	ug/l	99
60) Dibromochloromethane	10.90	129	97012	20.960	ug/l	99
61) 1,2-Dibromoethane	11.00	107	100510	21.330	ug/l	98
64) Tetrachloroethene	10.63	164	76771	20.565	ug/l	98
65) Chlorobenzene	11.43	112	278500	21.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	98122	21.371	ug/l	99
67) Ethyl Benzene	11.51	91	488916	21.084	ug/l	100
68) m/p-Xylenes	11.62	106	353694	41.640	ug/l	98
69) o-Xylene	11.95	106	180393	21.362	ug/l	99
70) Styrene	11.97	104	307501	21.159	ug/l	100
71) Bromoform	12.13	173	58076	20.289	ug/l #	97
73) Isopropylbenzene	12.25	105	501255	21.887	ug/l	99
74) N-amyl acetate	12.07	43	199418	20.008	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	160895	20.866	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	190491	28.532	ug/l #	100
77) Bromobenzene	12.53	156	116334	20.374	ug/l	97
78) n-propylbenzene	12.59	91	586672	22.308	ug/l	100
79) 2-Chlorotoluene	12.68	91	347323	20.896	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	423752	21.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34022	17.932	ug/l	87
82) 4-Chlorotoluene	12.78	91	356666	20.896	ug/l	100
83) tert-Butylbenzene	13.00	119	367357	21.357	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	424426	21.581	ug/l	100
85) sec-Butylbenzene	13.18	105	498862	21.881	ug/l	100
86) p-Isopropyltoluene	13.29	119	446866	22.246	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	219505	20.944	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	218505	20.539	ug/l	98
89) n-Butylbenzene	13.62	91	409531	21.588	ug/l	99
90) Hexachloroethane	13.88	117	62610	20.958	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	220052	21.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26481	20.795	ug/l	96

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QLast Update : Tue Sep 10 03:02:13 2019
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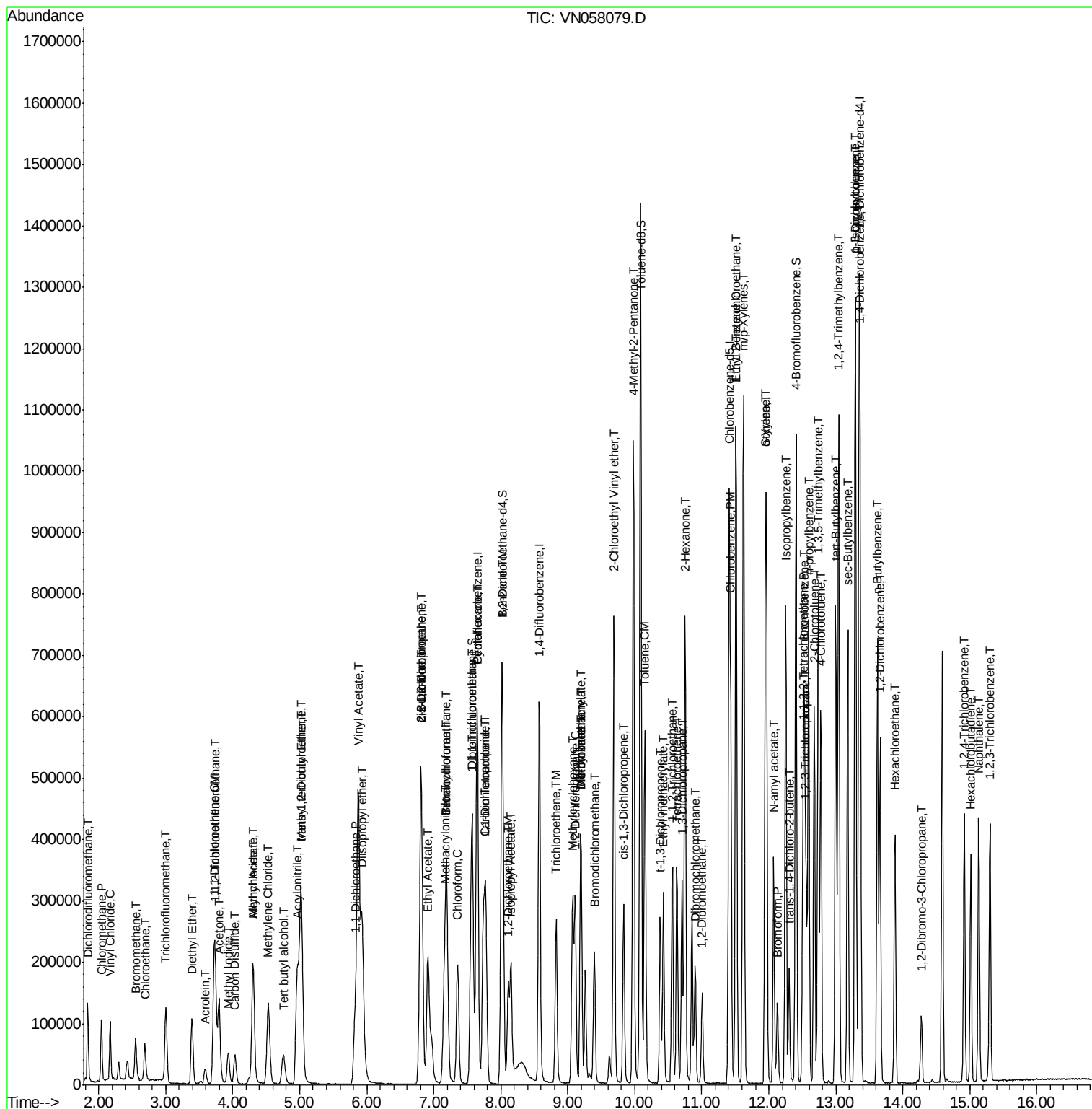
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	128479	18.773	ug/l	99
94) Hexachlorobutadiene	15.02	225	63658	21.943	ug/l	98
95) Naphthalene	15.13	128	337871	18.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	121663	20.955	ug/l	99

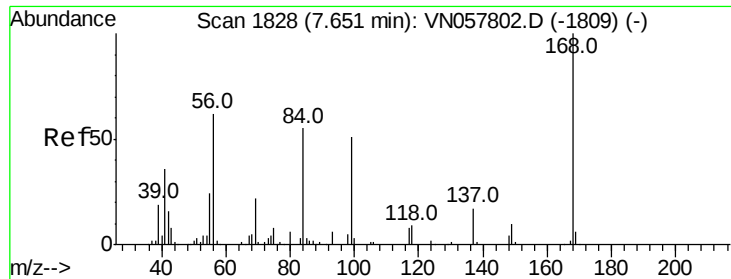
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091519\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

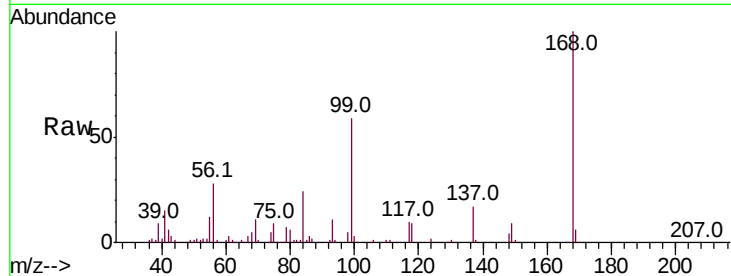
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 336000

Ion Ratio Lower Upper

168 100

99 58.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

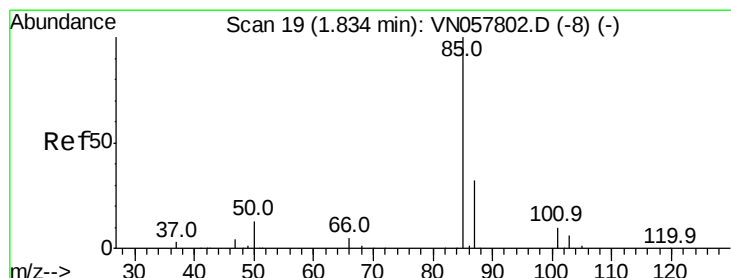
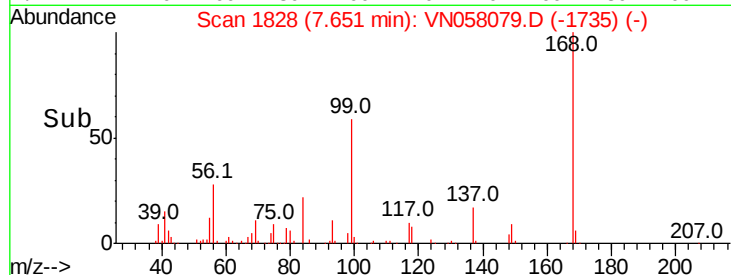
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.505 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058079.D

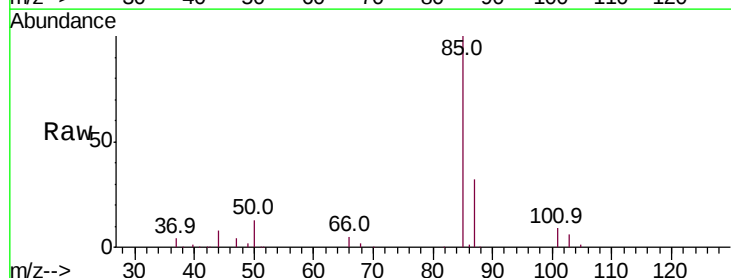
Acq: 15 Sep 2019 9:45

Tgt Ion: 85 Resp: 95282

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

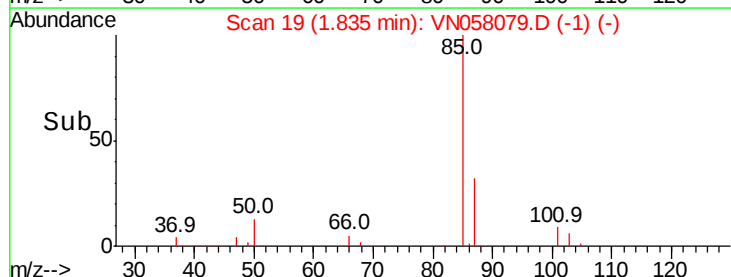
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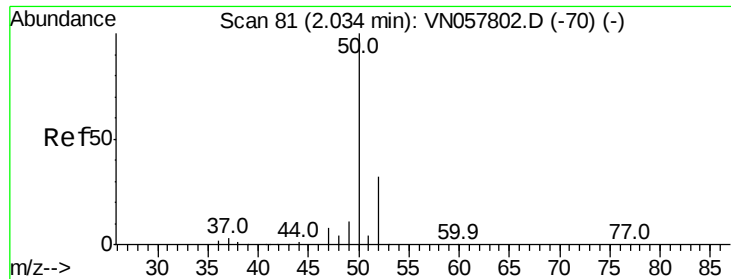
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.334 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

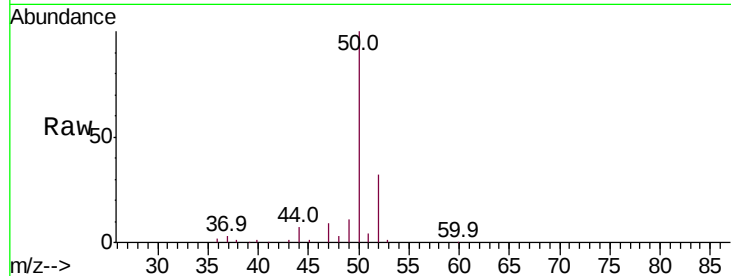
ClientSampleId :

Tot Ion: 50 Resp: 82096

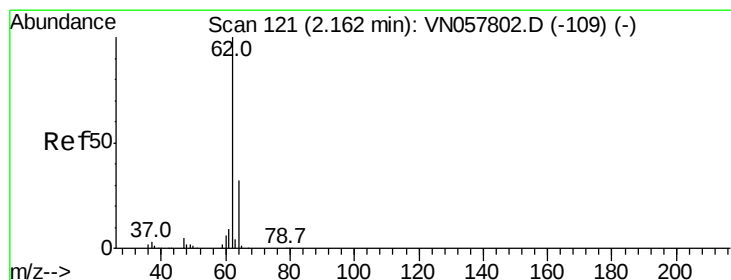
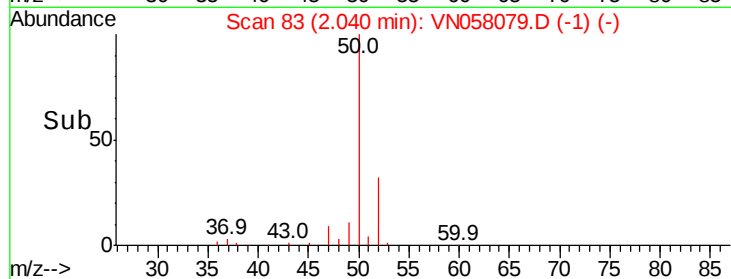
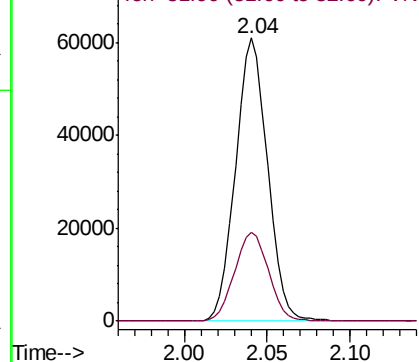
Ion Ratio Lower Upper

50 100

52 31.6 25.5 38.3



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



#4

Vinyl Chloride

Concen: 16.576 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.01 min

Lab File: VN058079.D

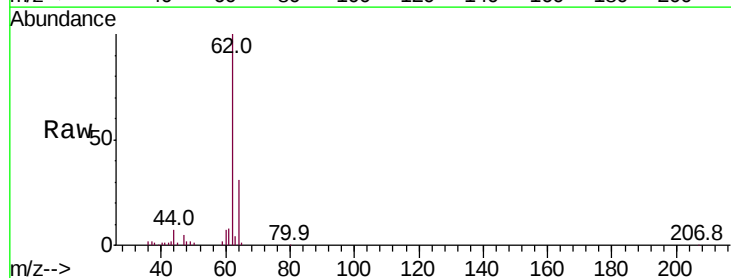
Acq: 15 Sep 2019 9:45

Tgt Ion: 62 Resp: 83087

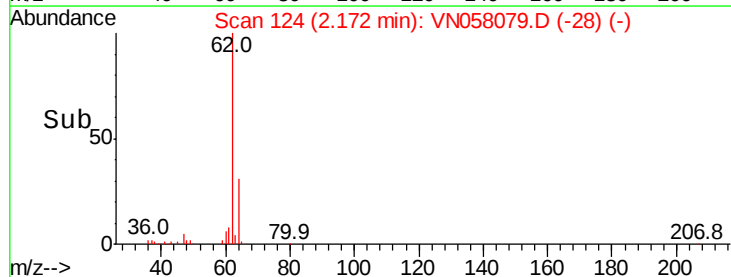
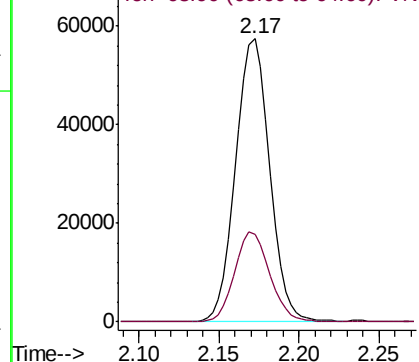
Ion Ratio Lower Upper

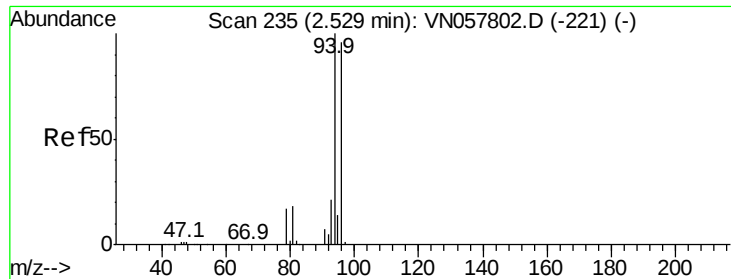
62 100

64 31.1 25.6 38.4



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





#5

Bromomethane

Concen: 15.611 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

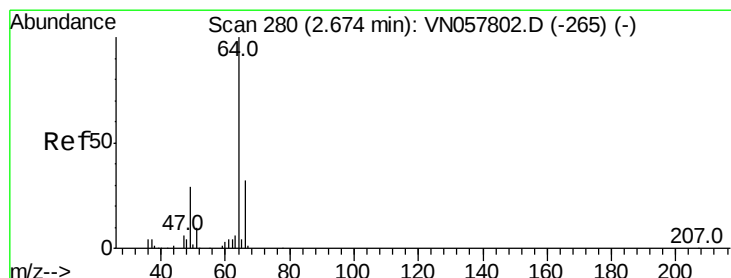
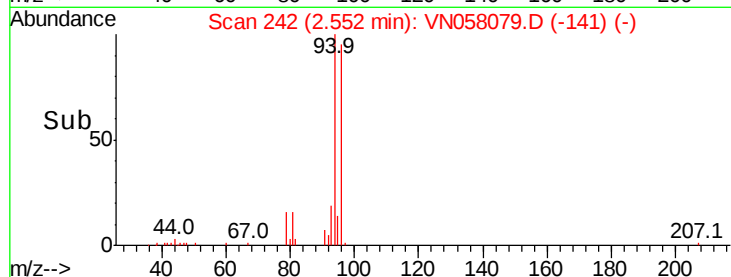
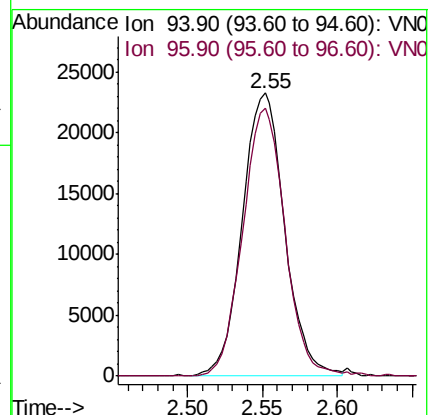
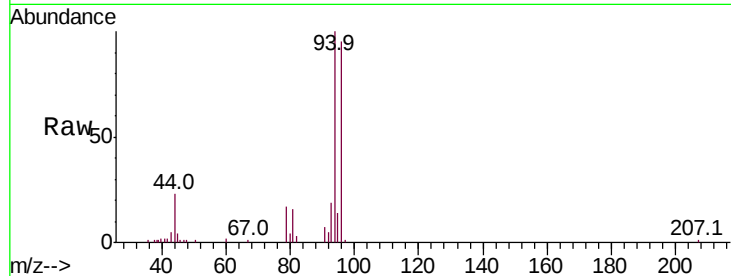
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 45883

Ion Ratio Lower Upper

94 100

96 94.7 77.0 115.4



#6

Chloroethane

Concen: 17.129 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.02 min

Lab File: VN058079.D

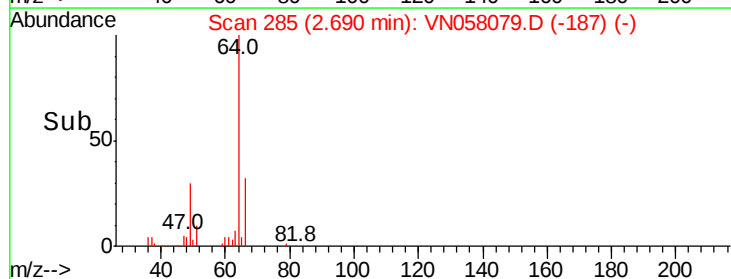
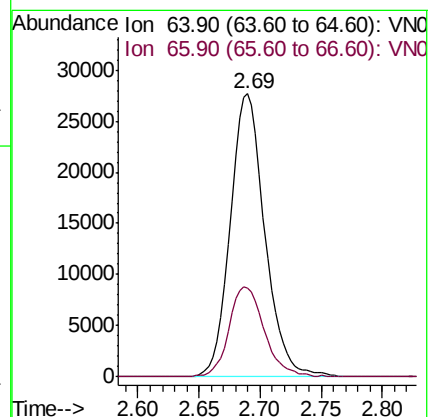
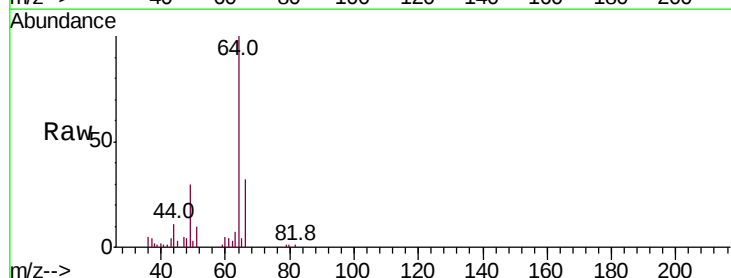
Acq: 15 Sep 2019 9:45

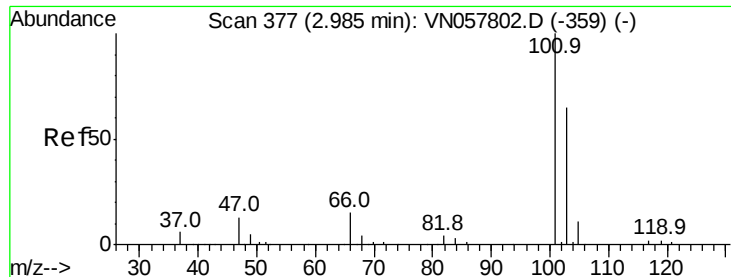
Tgt Ion: 64 Resp: 54711

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



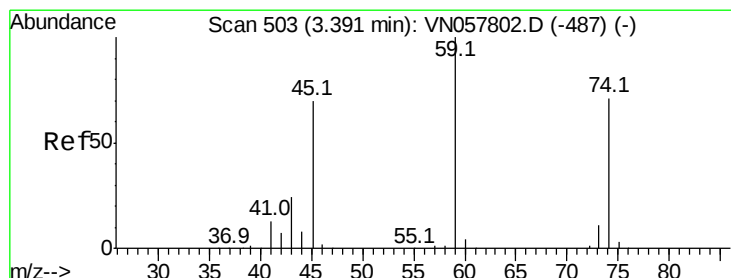
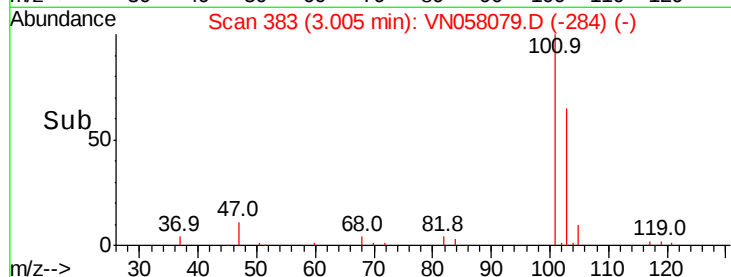
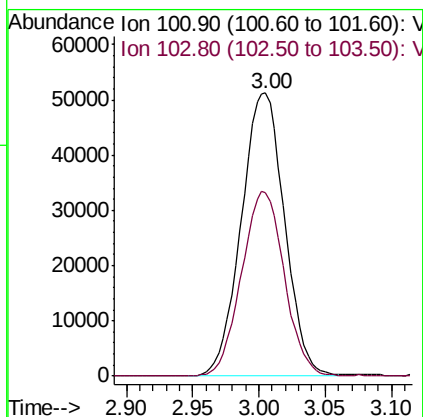
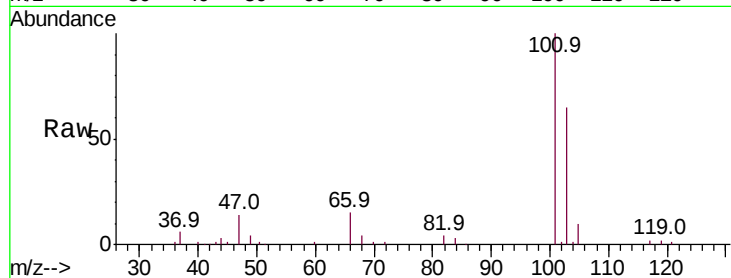


#7

Trichlorofluoromethane
 Concen: 18.405 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.02 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Instrument :
 MSVOA_N
 ClientSampled :

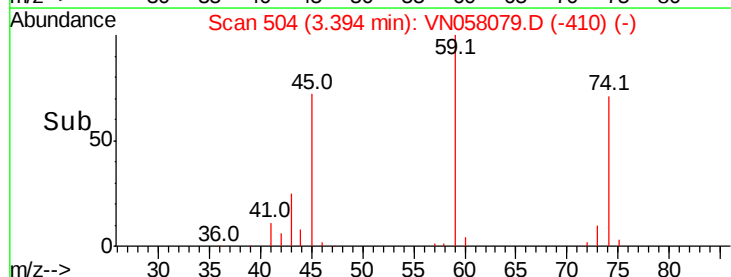
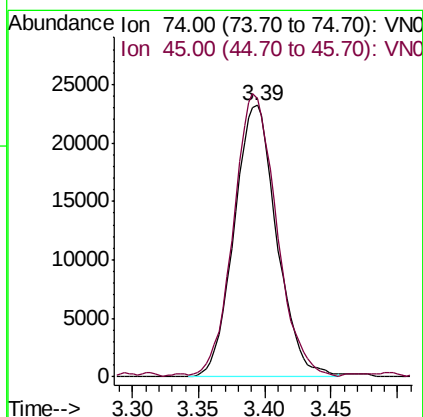
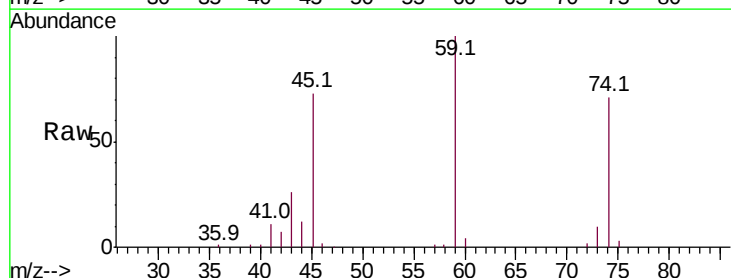
Tot Ion:101 Resp: 116099
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9

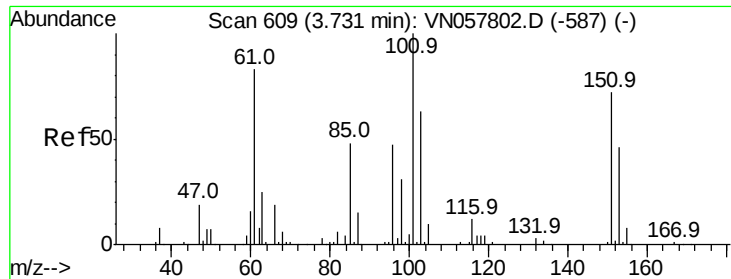


#8

Diethyl Ether
 Concen: 19.702 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion: 74 Resp: 51835
 Ion Ratio Lower Upper
 74 100
 45 105.5 50.3 151.0

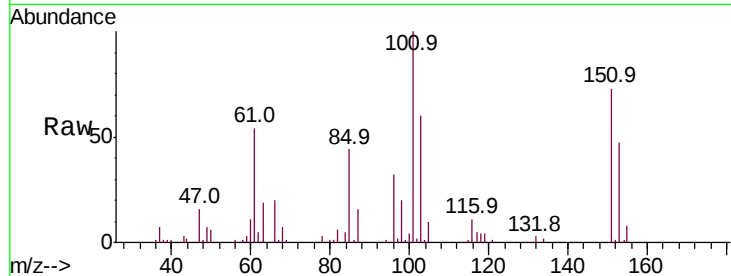




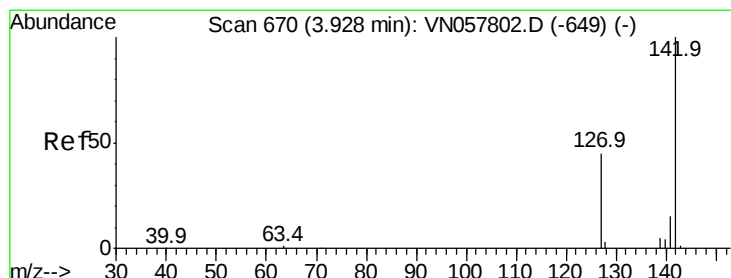
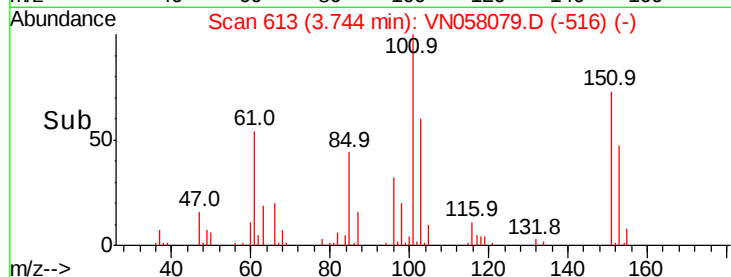
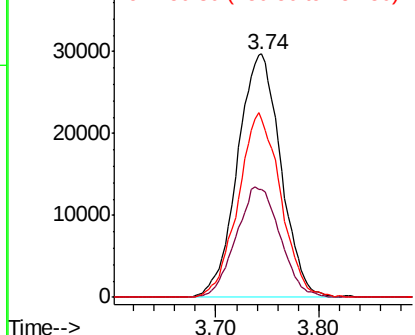
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.757 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 86578
 Ion Ratio Lower Upper
 101 100
 85 46.0 38.1 57.1
 151 74.3 58.4 87.6

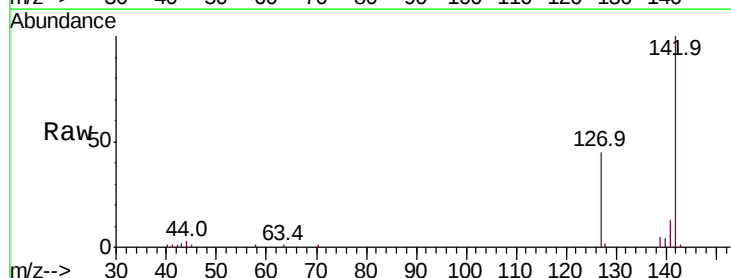


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

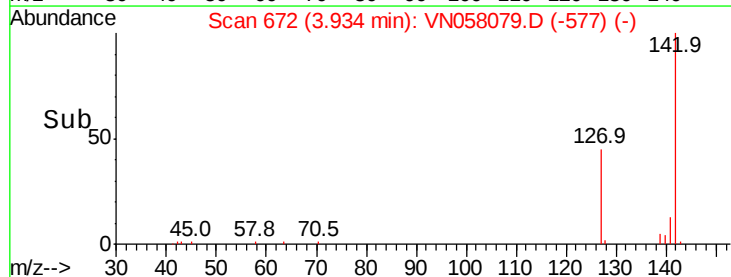
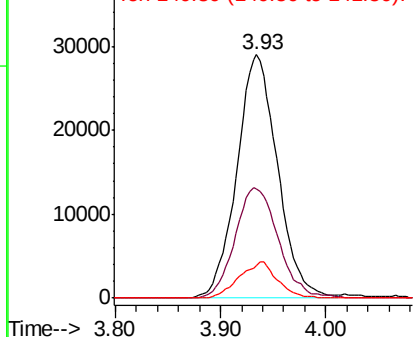


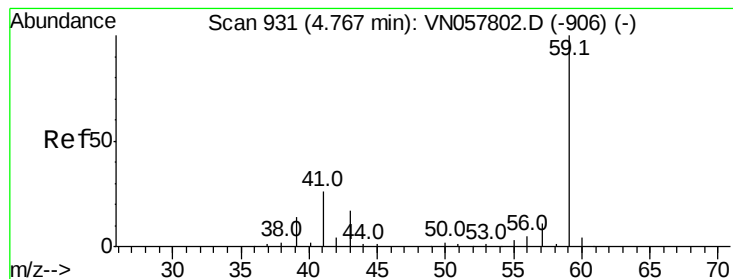
#10
 Methyl Iodide
 Concen: 17.564 ug/l
 RT: 3.93 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion:142 Resp: 77773
 Ion Ratio Lower Upper
 142 100
 127 48.1 36.7 55.1
 141 13.9 11.4 17.0



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



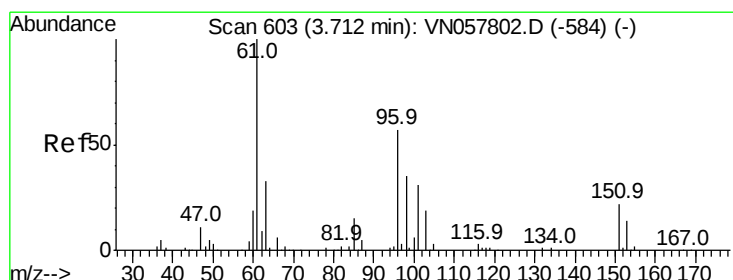
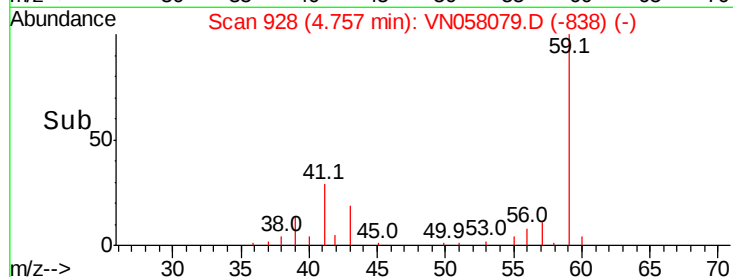
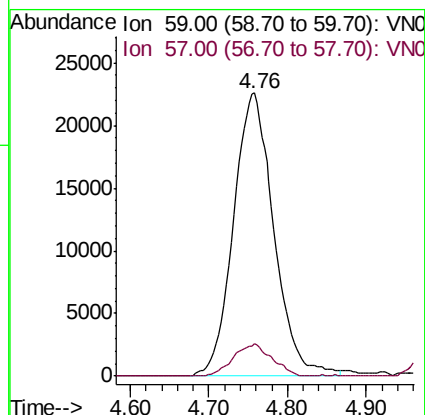
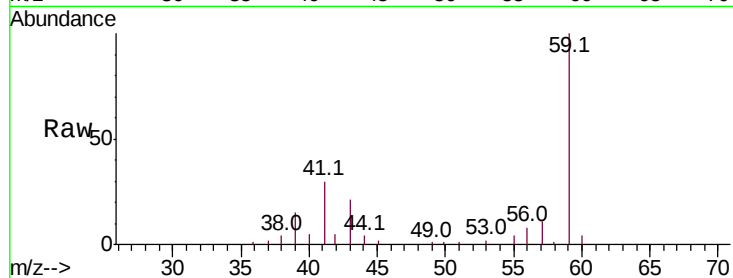


#11

Tert butyl alcohol
Concen: 98.562 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampled :

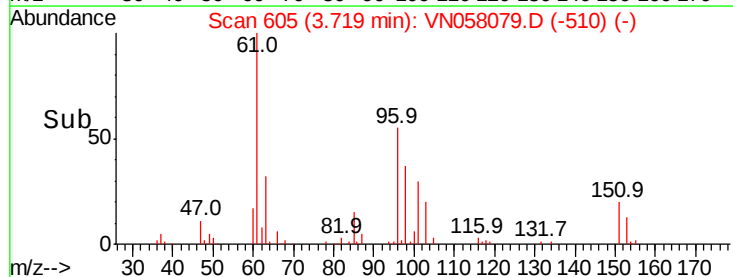
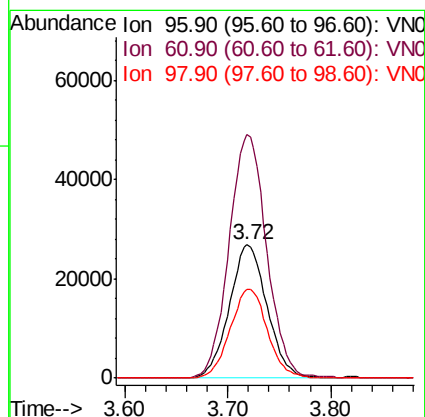
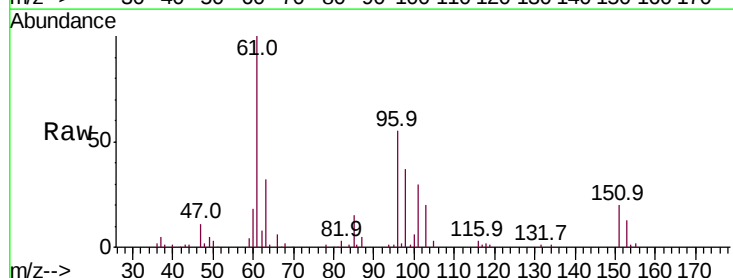
Tot Ion: 59 Resp: 81183
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

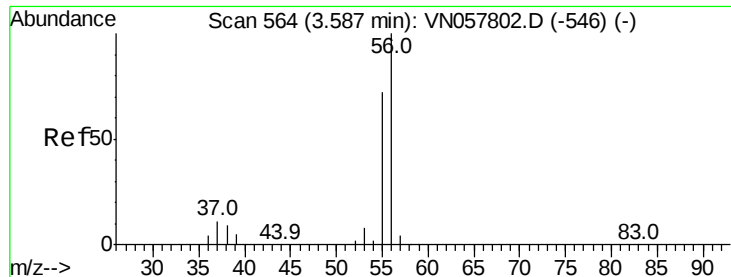


#12

1,1-Dichloroethene
Concen: 19.096 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.01 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 96 Resp: 68321
Ion Ratio Lower Upper
96 100
61 181.9 141.2 211.8
98 66.9 49.9 74.9





#13

Acrolein

Concen: 39.077 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

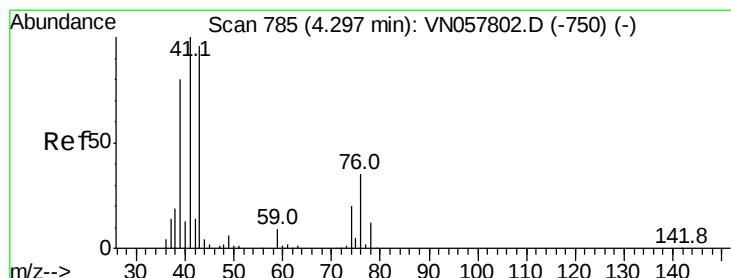
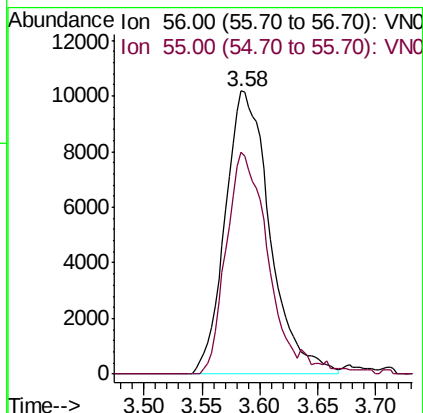
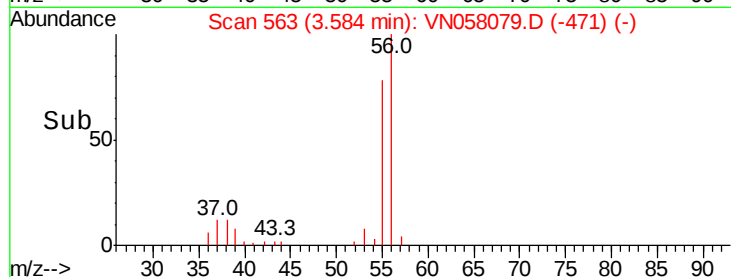
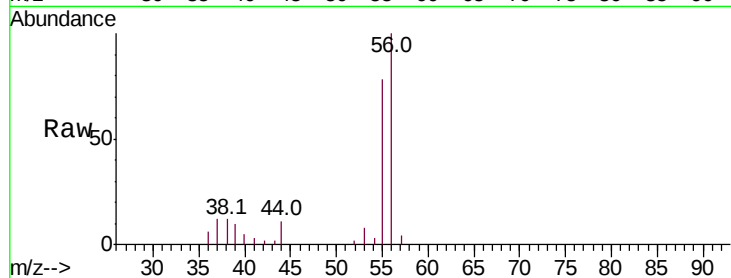
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 27307

Ion Ratio Lower Upper

56 100

55 70.7 57.3 85.9



#14

Allyl chloride

Concen: 17.493 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

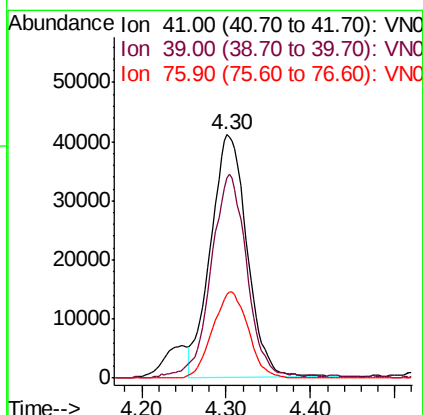
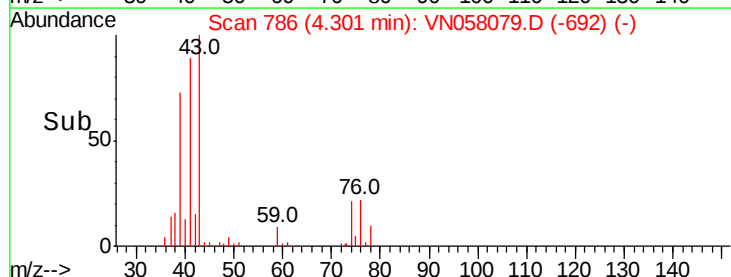
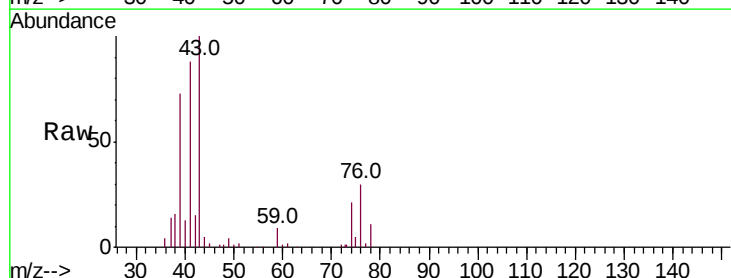
Tgt Ion: 41 Resp: 122479

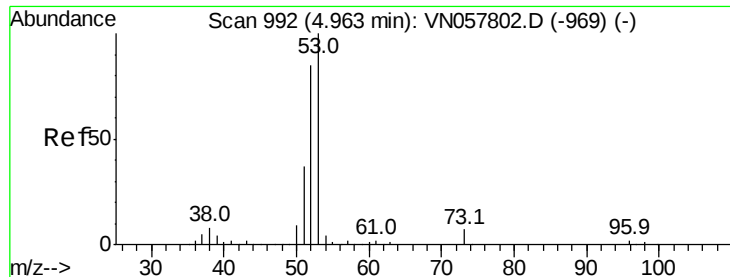
Ion Ratio Lower Upper

41 100

39 83.0 59.4 89.2

76 35.0 26.0 39.0





#15

Acrylonitrile

Concen: 105.951 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampleId :

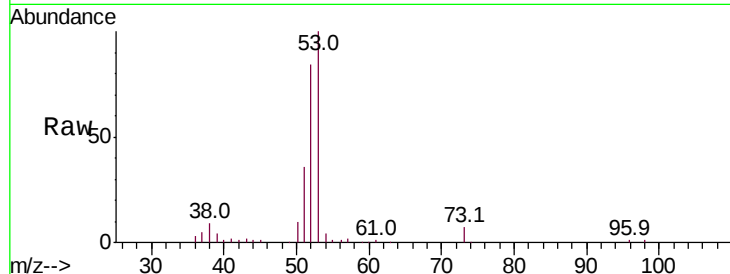
Tot Ion: 53 Resp: 239867

Ion Ratio Lower Upper

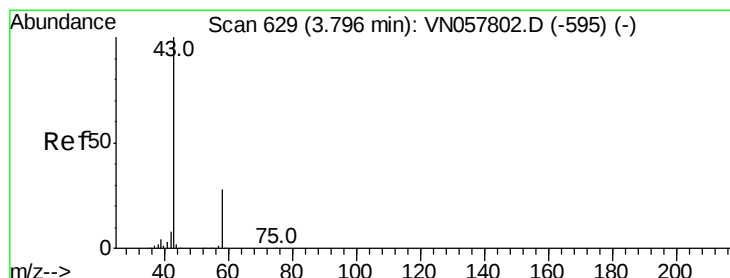
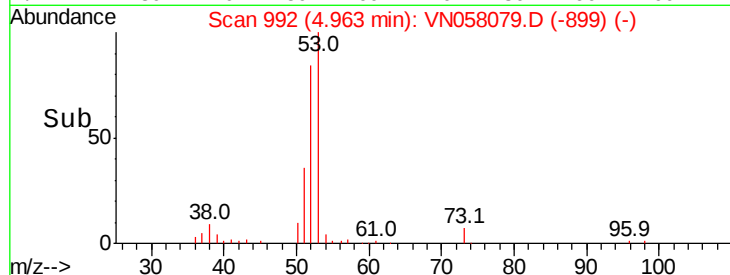
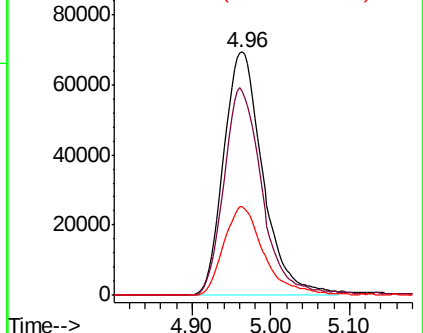
53 100

52 82.3 66.6 100.0

51 37.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.525 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058079.D

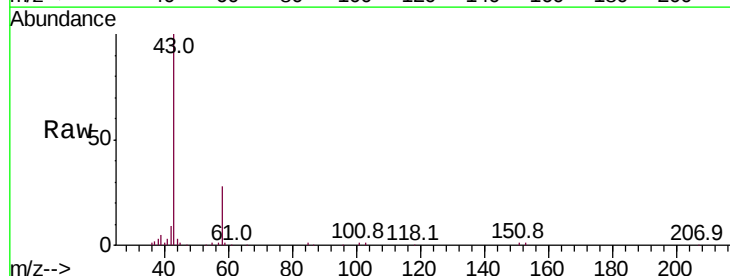
Acq: 15 Sep 2019 9:45

Tgt Ion: 43 Resp: 222034

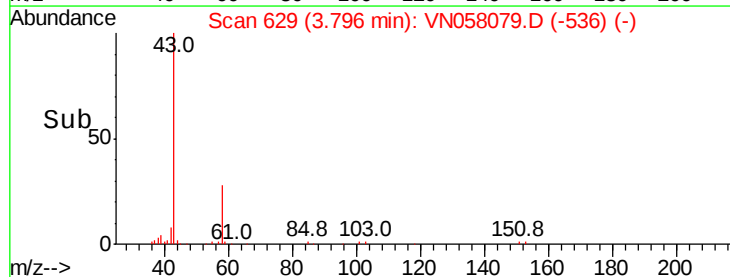
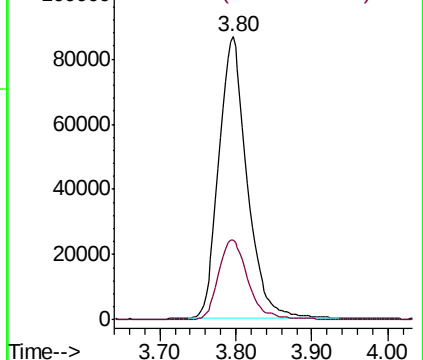
Ion Ratio Lower Upper

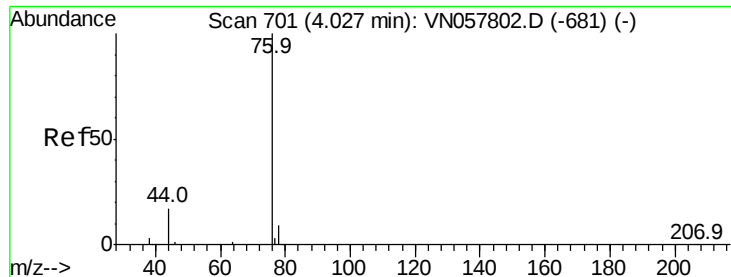
43 100

58 28.3 22.2 33.2



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

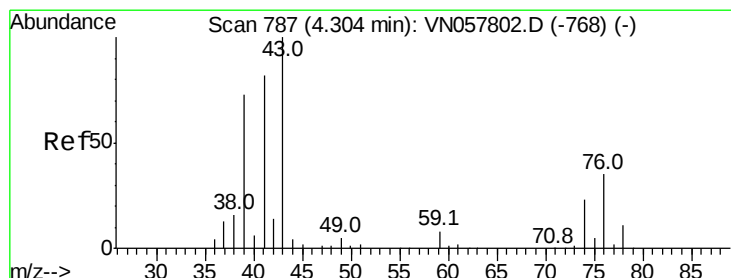
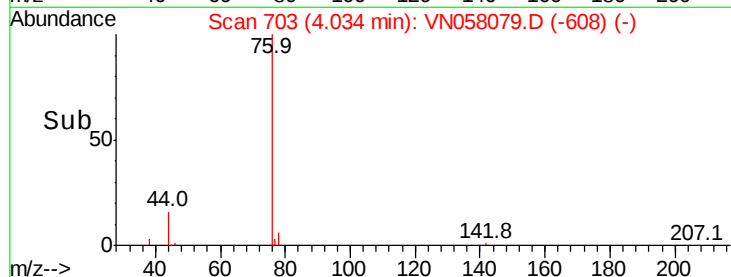
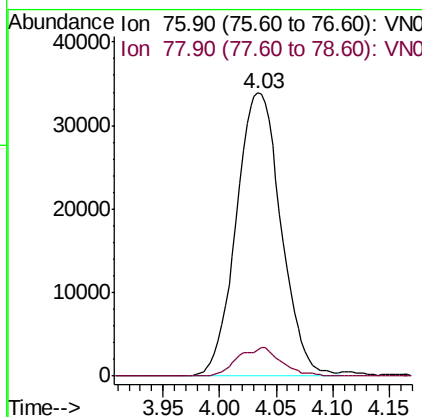
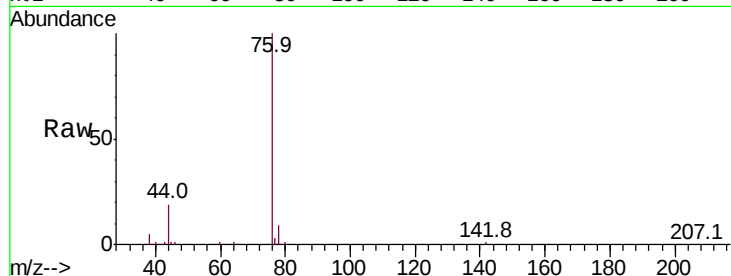




#17
Carbon Disulfide
Concen: 16.878 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

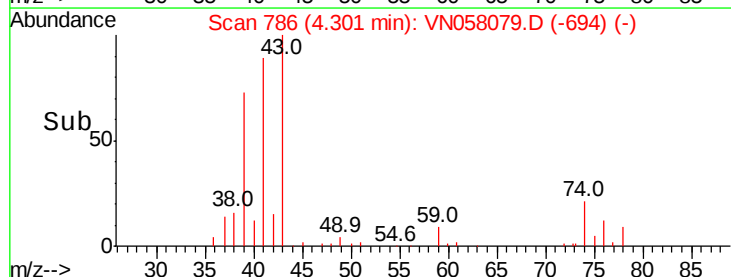
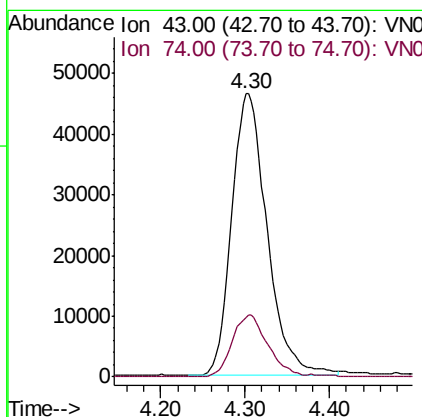
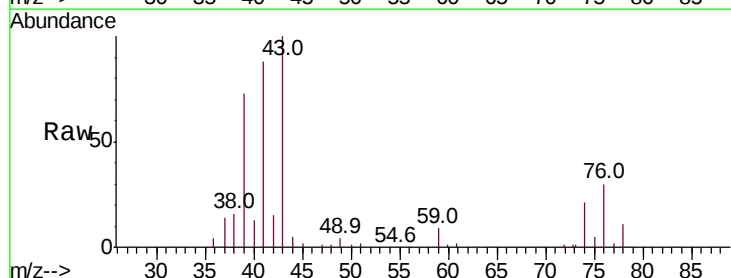
Instrument :
MSVOA_N
ClientSampleId :

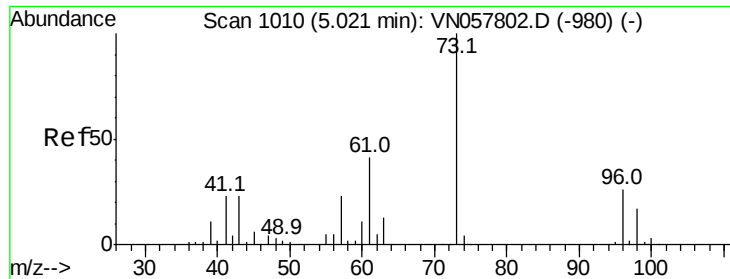
Tot Ion: 76 Resp: 93396
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 22.866 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 43 Resp: 136016
Ion Ratio Lower Upper
43 100
74 21.9 17.9 26.9

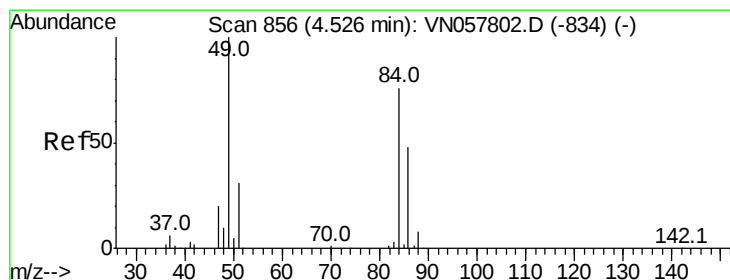
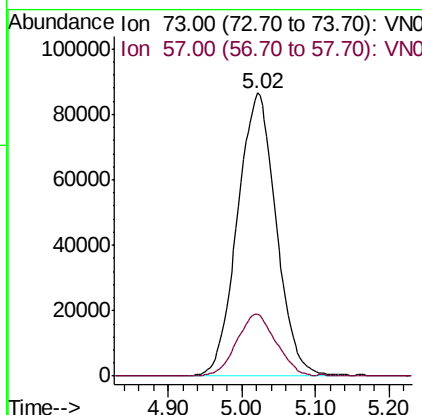
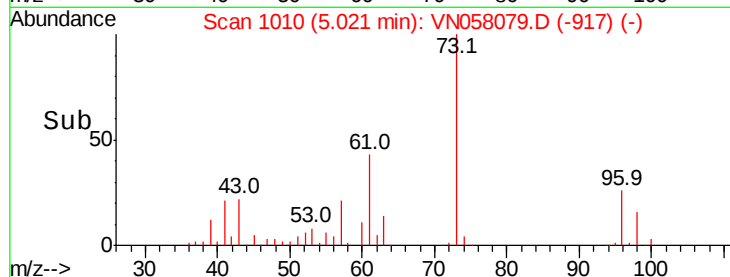
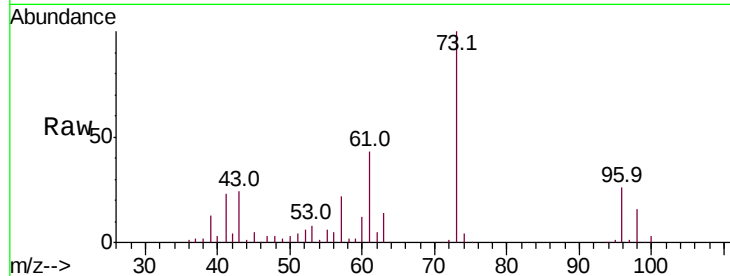




#19
Methvl tert-butvl Ether
Concen: 21.265 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

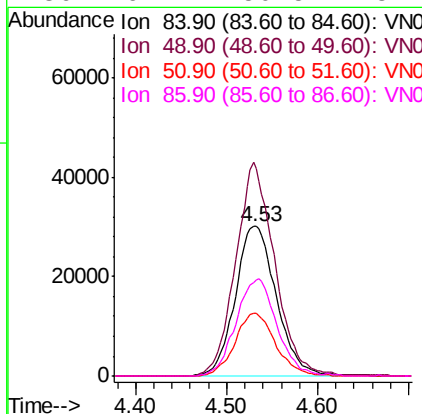
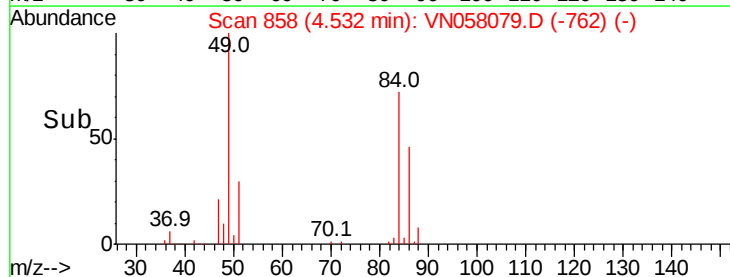
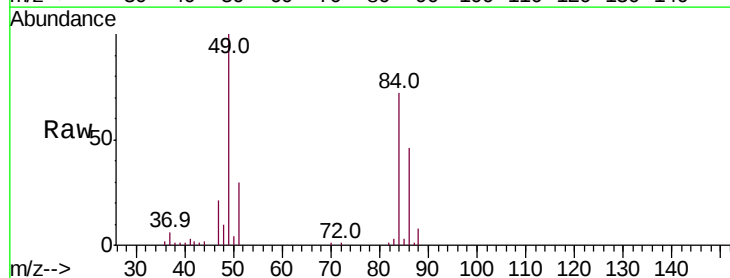
Instrument :
MSVOA_N
ClientSampled :

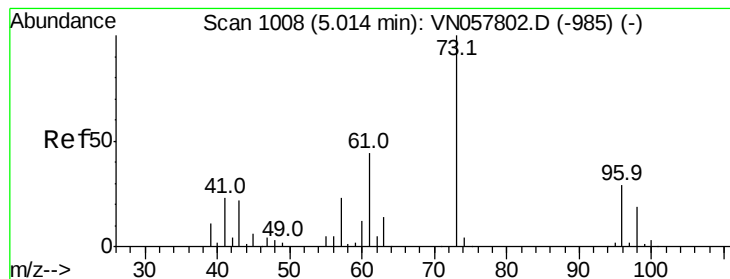
Tot Ion: 73 Resp: 316619
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 21.534 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 84 Resp: 94432
Ion Ratio Lower Upper
84 100
49 138.7 104.8 157.2
51 41.9 33.0 49.4
86 64.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.474 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampled :

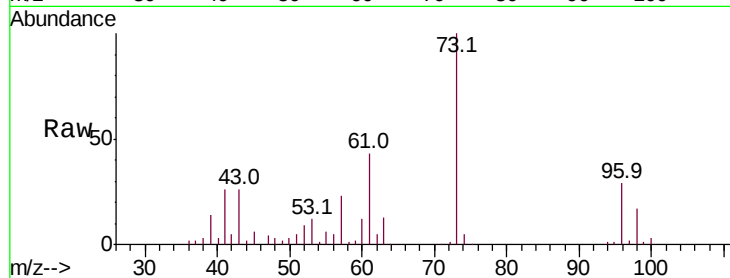
Tot Ion: 96 Resp: 75318

Ion Ratio Lower Upper

96 100

61 150.0 121.9 182.9

98 59.8 52.2 78.4

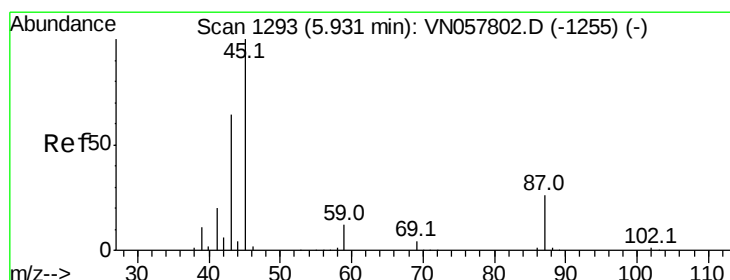
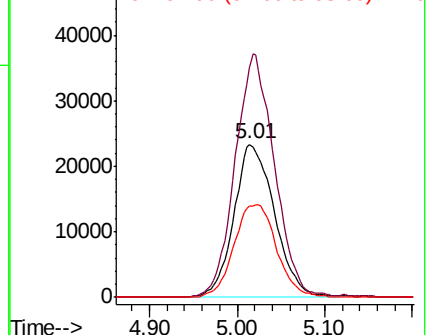
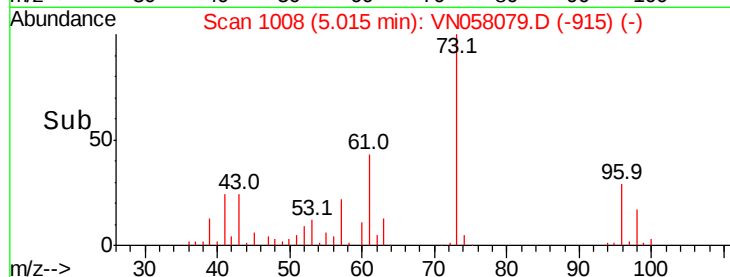


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 21.623 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Tgt Ion: 45 Resp: 355040

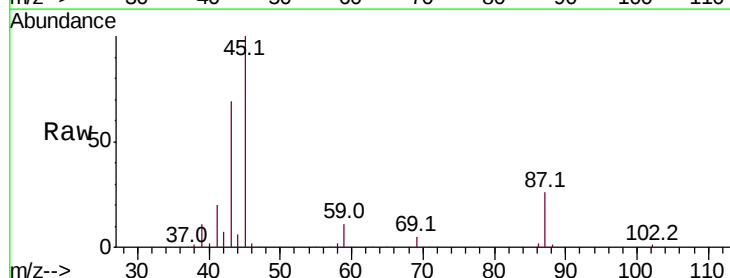
Ion Ratio Lower Upper

45 100

43 67.2 51.4 77.2

87 26.0 21.3 31.9

59 10.4 9.3 13.9



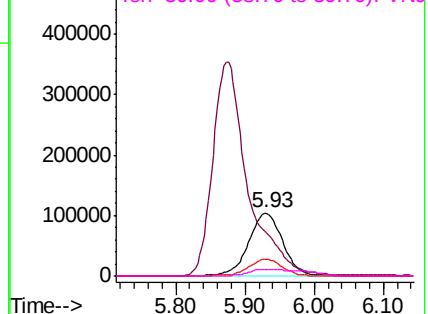
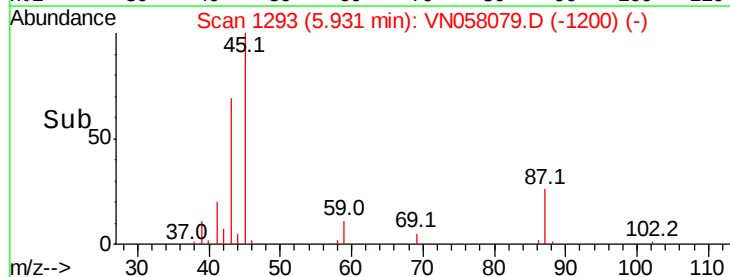
Abundance

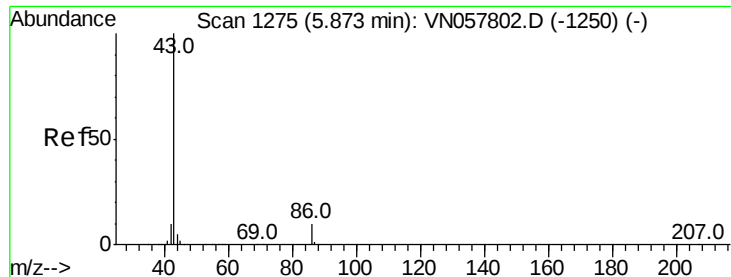
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 107.277 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

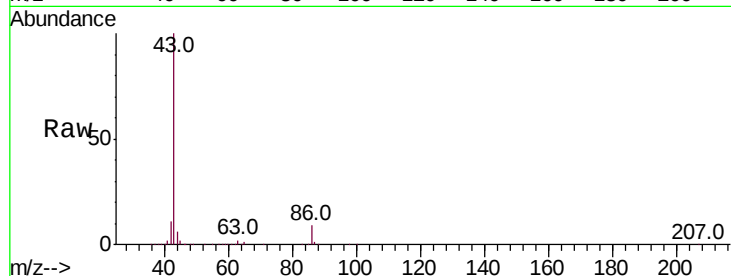
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1248354

Ion Ratio Lower Upper

43 100

86 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN057802.D (-1250) (-)

5.87

400000

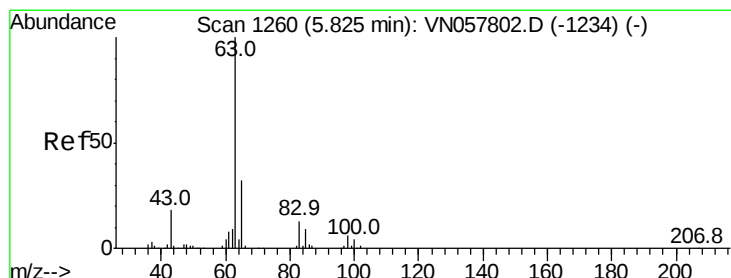
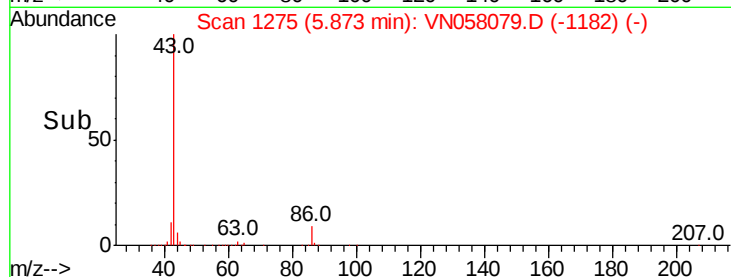
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 21.144 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

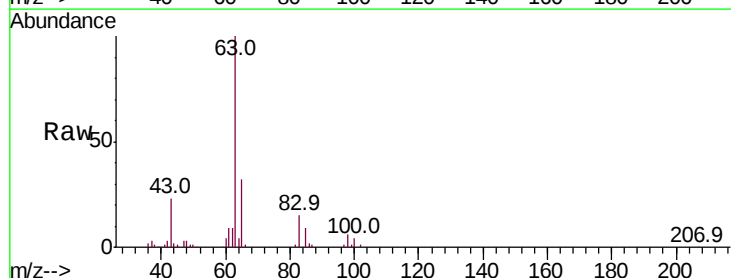
Tgt Ion: 63 Resp: 189742

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057802.D (-1234) (-)

5.83

80000

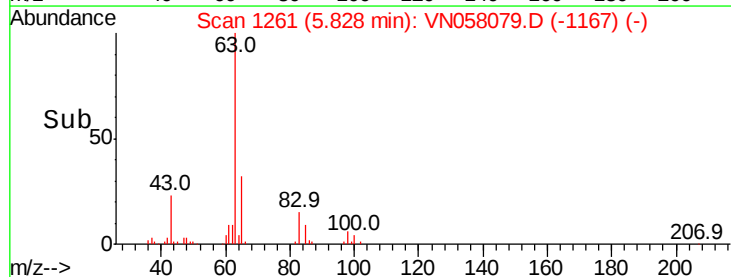
60000

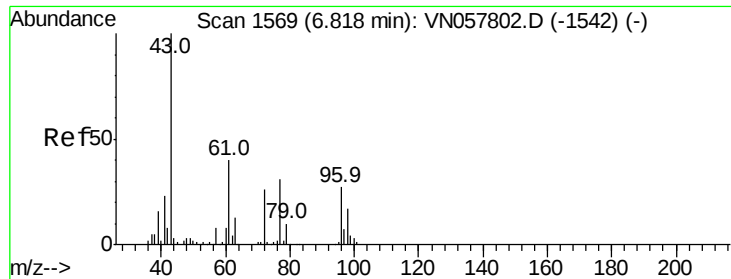
40000

20000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 103.311 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

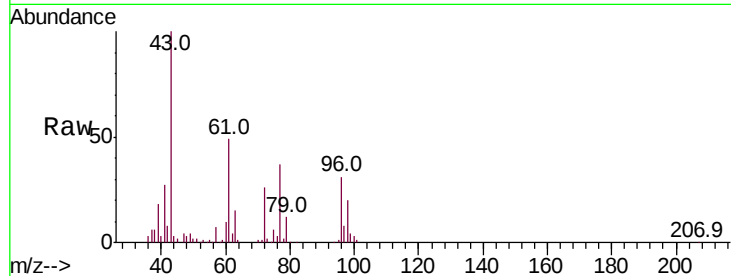
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 333586

Ion Ratio Lower Upper

43 100

72 25.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN057802.D (-1542) (-)

6.82

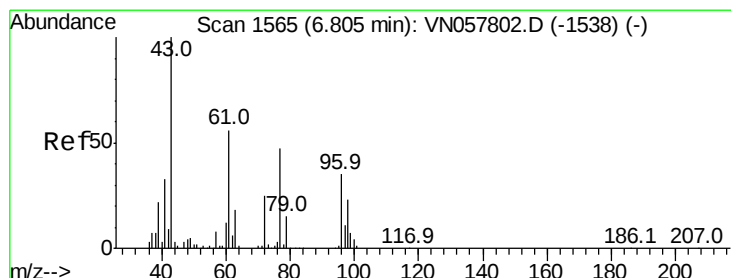
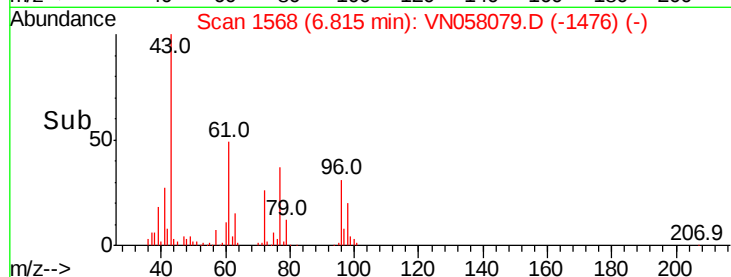
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 20.469 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058079.D

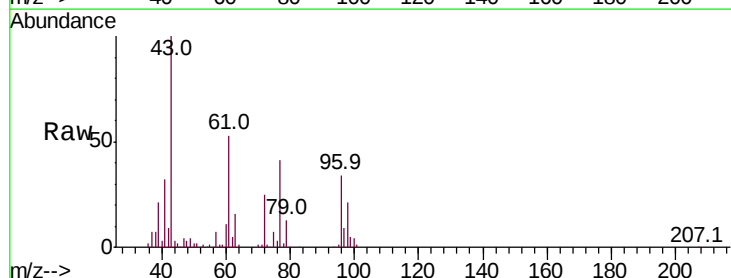
Acq: 15 Sep 2019 9:45

Tgt Ion: 77 Resp: 145363

Ion Ratio Lower Upper

77 100

97 21.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN057802.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN057802.D (-1538) (-)

6.81

50000

40000

30000

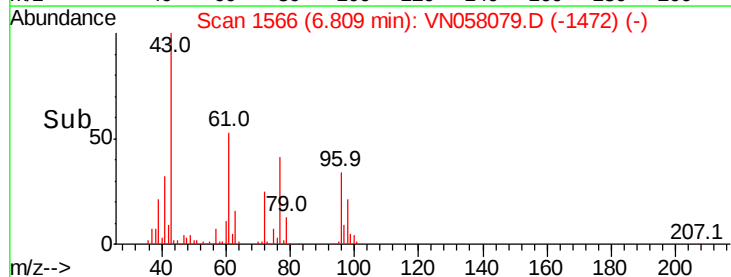
20000

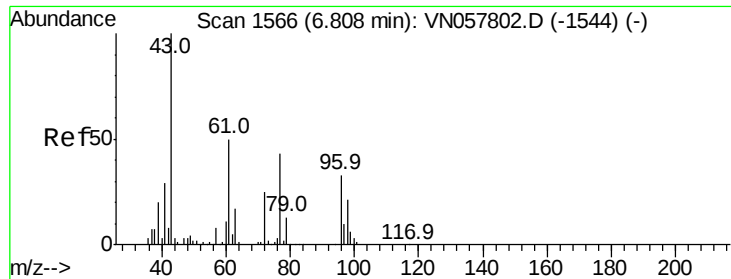
10000

0

6.70 6.75 6.80 6.85 6.90

Time-->

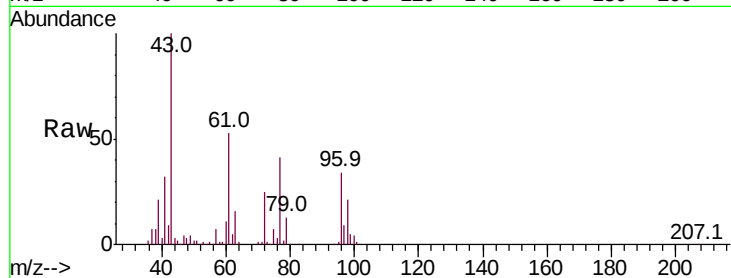




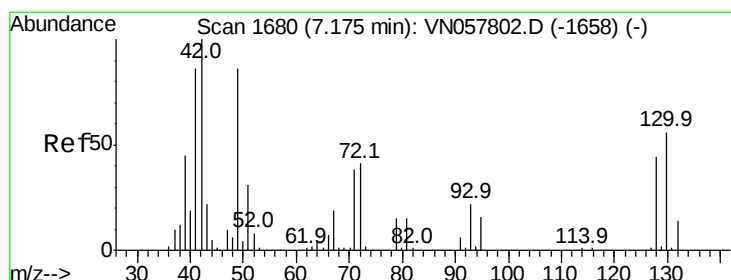
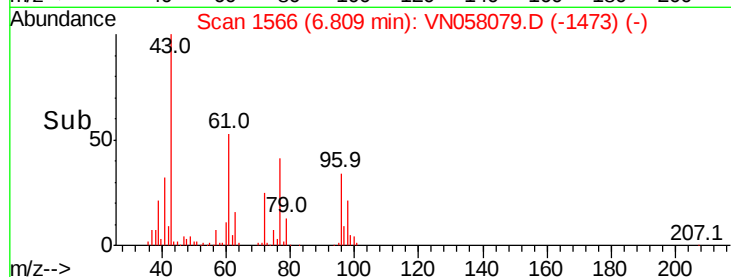
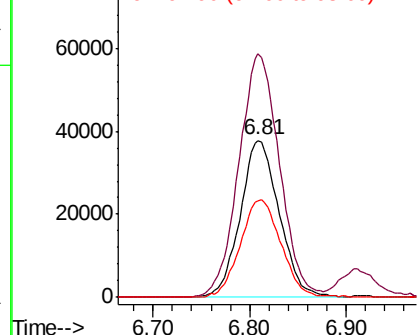
#27
 cis-1,2-Dichloroethene
 Concen: 20.446 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 105974
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 314.0
 98 65.0 0.0 128.6

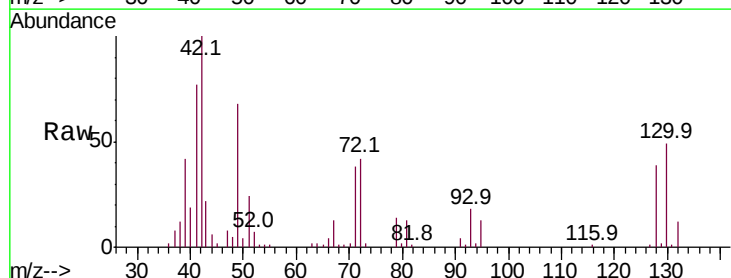


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

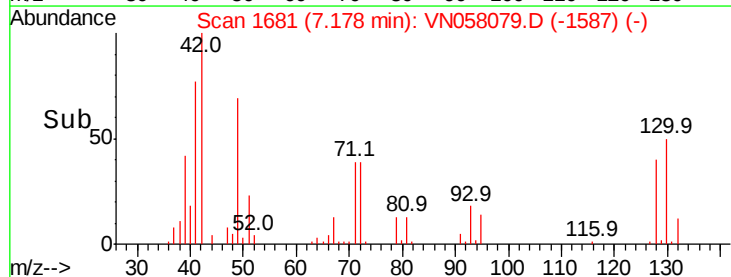
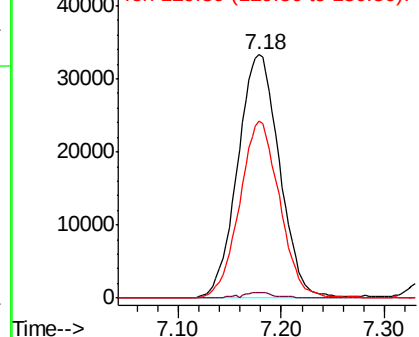


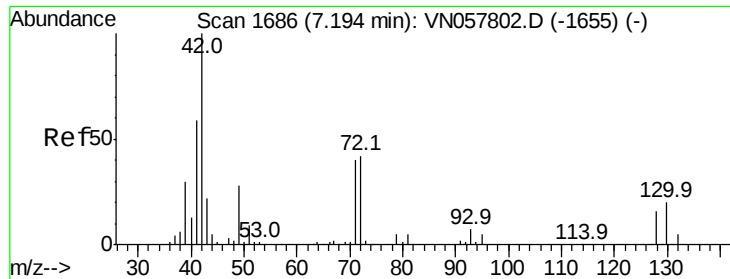
#28
 Bromochloromethane
 Concen: 20.904 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion: 49 Resp: 93719
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 69.4 53.0 79.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

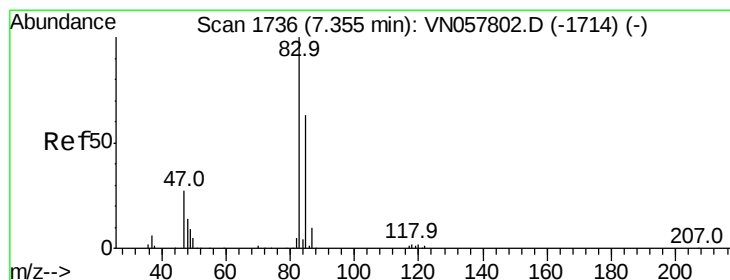
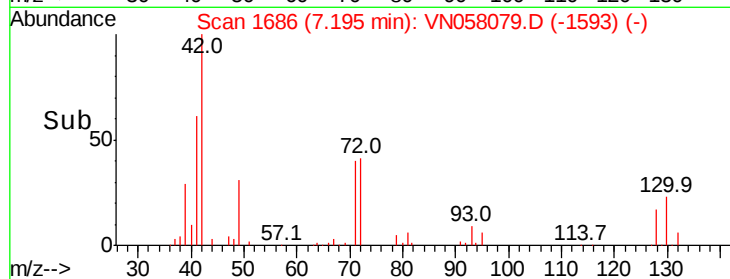
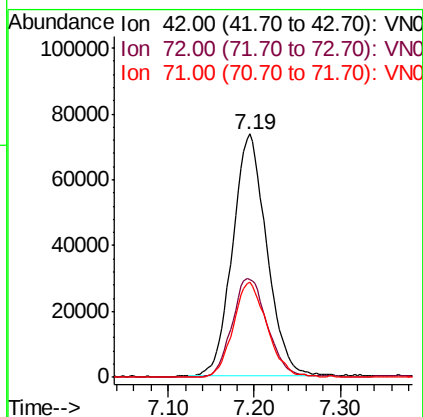
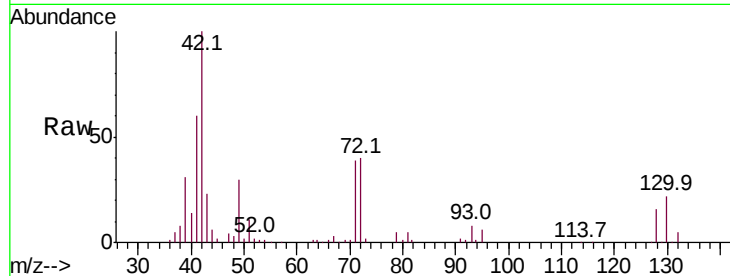




#29
Tetrahydrofuran
Concen: 101.806 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

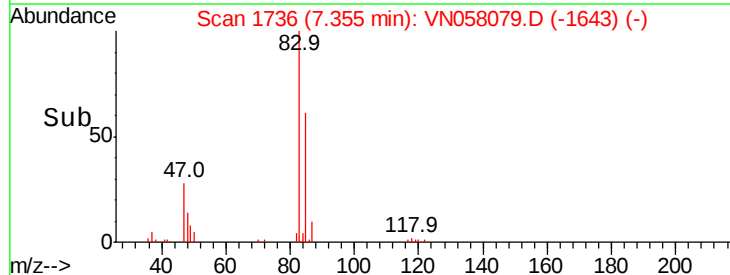
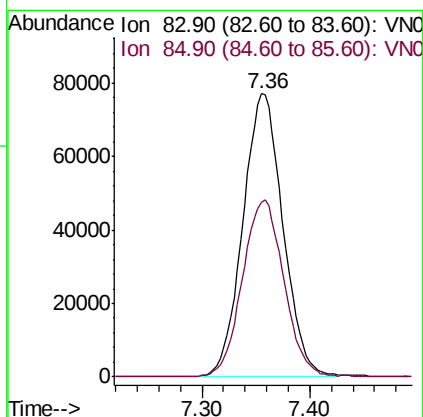
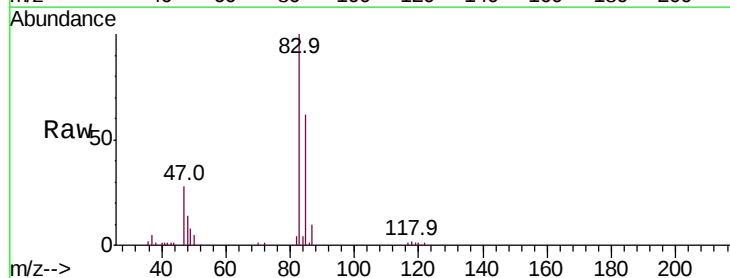
Instrument :
MSVOA_N
ClientSampled :

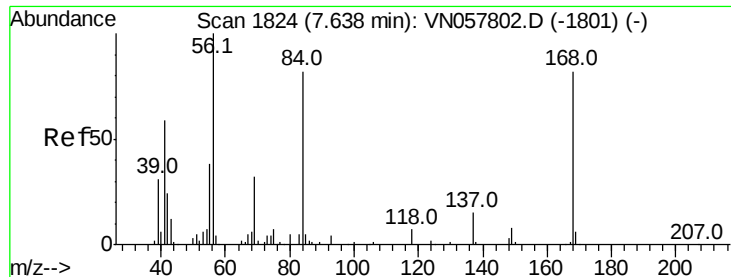
Tot Ion: 42 Resp: 202563
Ion Ratio Lower Upper
42 100
72 42.7 33.7 50.5
71 39.2 31.9 47.9



#30
Chloroform
Concen: 21.195 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 83 Resp: 198875
Ion Ratio Lower Upper
83 100
85 61.7 50.6 75.8





#31

Cyclohexane

Concen: 19.951 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampled :

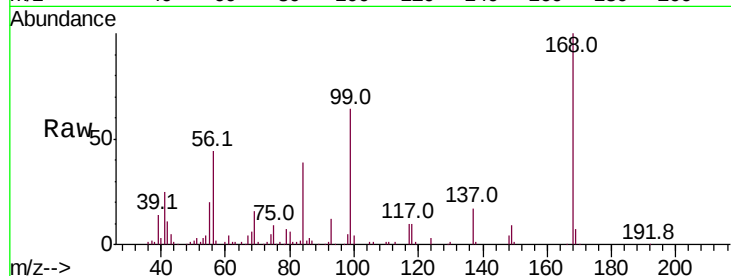
Tot Ion: 56 Resp: 130224

Ion Ratio Lower Upper

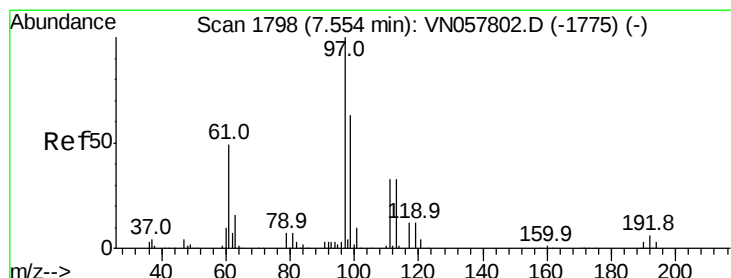
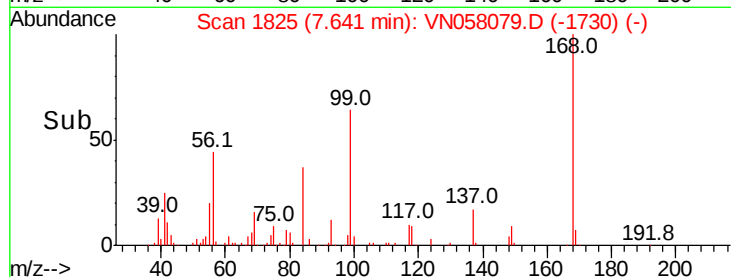
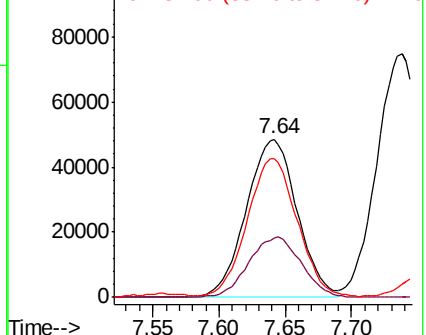
56 100

69 37.3 25.9 38.9

84 86.4 65.6 98.4



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: 20.356 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

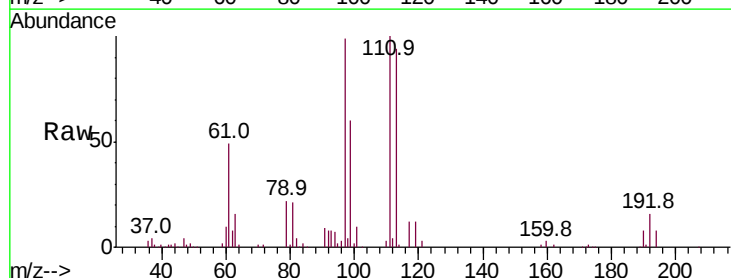
Tgt Ion: 97 Resp: 151480

Ion Ratio Lower Upper

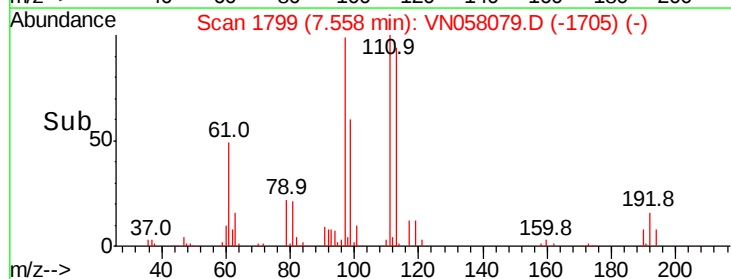
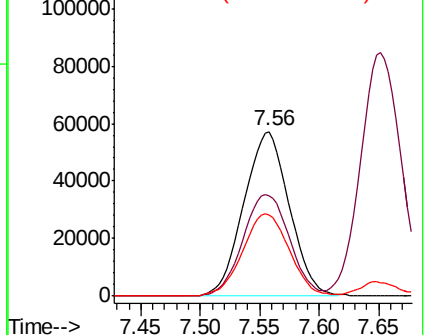
97 100

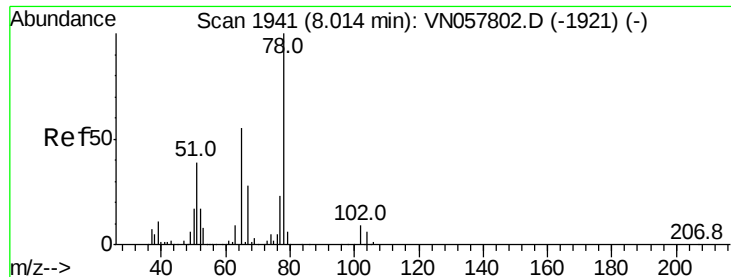
99 63.3 51.0 76.4

61 51.4 39.0 58.6



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

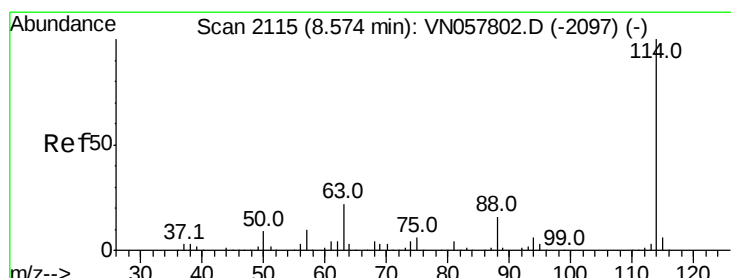
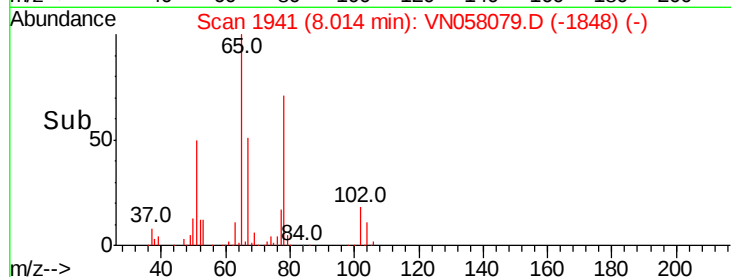
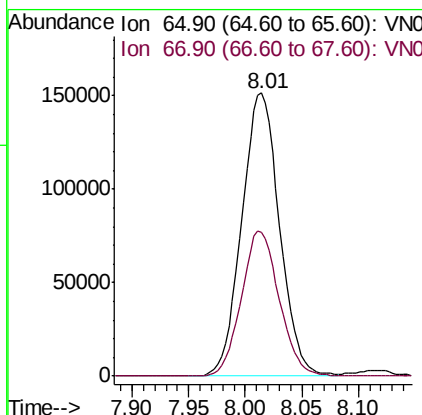
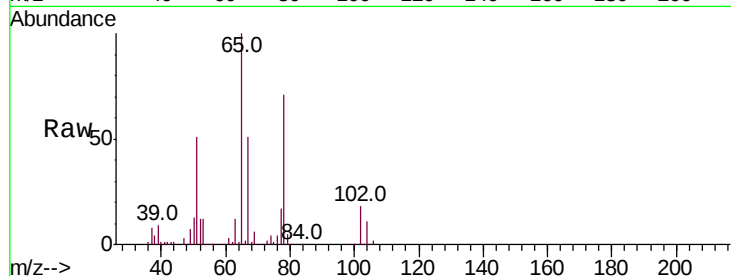




#33
 1,2-Dichloroethane-d4
 Concen: 51.673 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

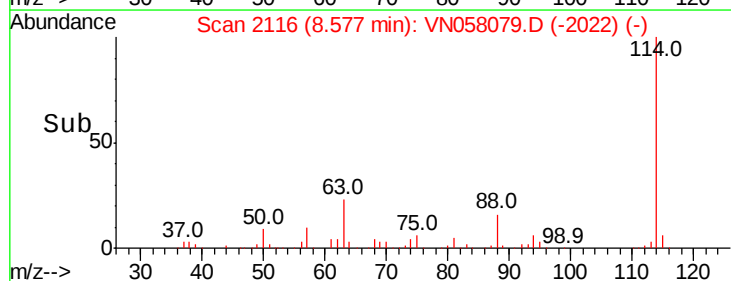
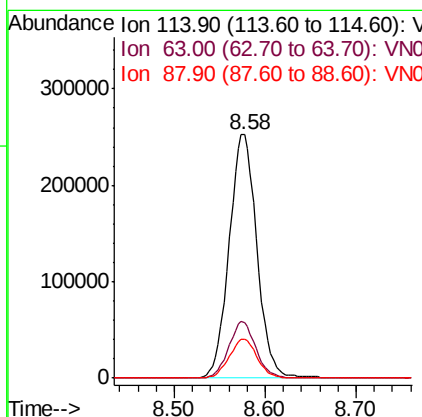
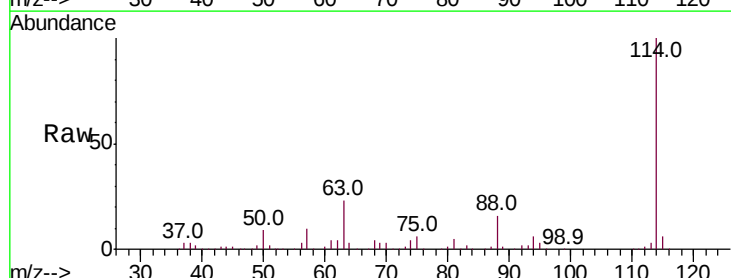
Instrument :
 MSVOA_N
 ClientSampleId :

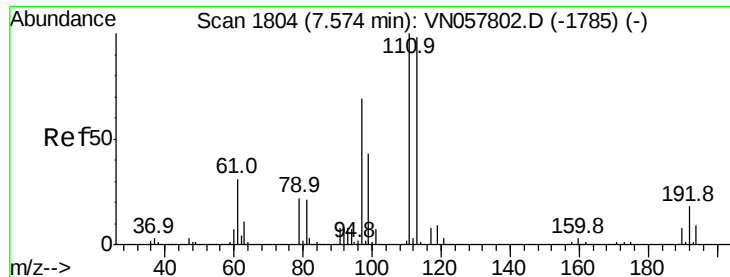
Tot Ion: 65 Resp: 351656
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion: 114 Resp: 535072
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.1 0.0 31.4

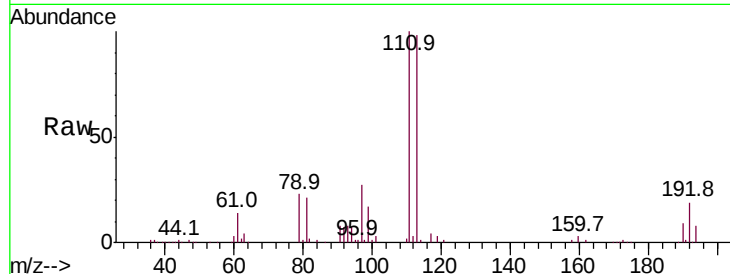




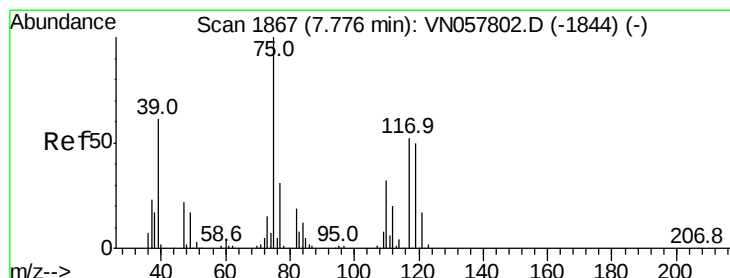
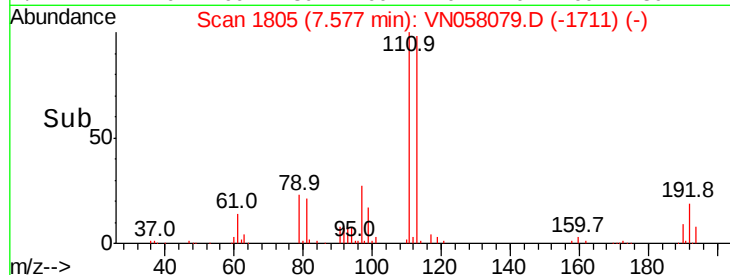
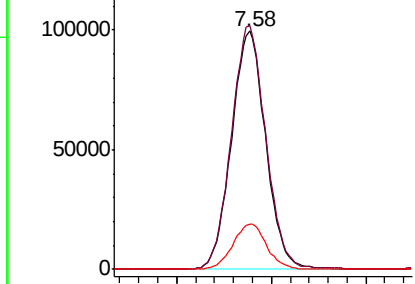
#35
 Dibromofluoromethane
 Concen: 50.679 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	18.7	14.6	22.0

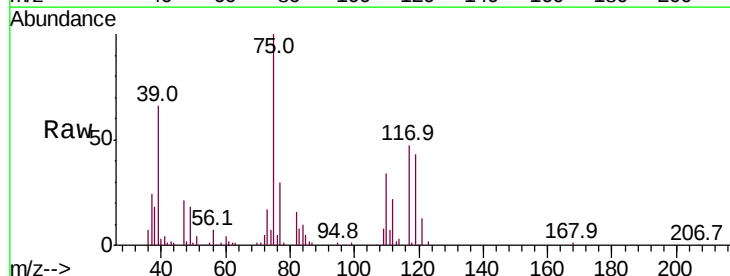


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

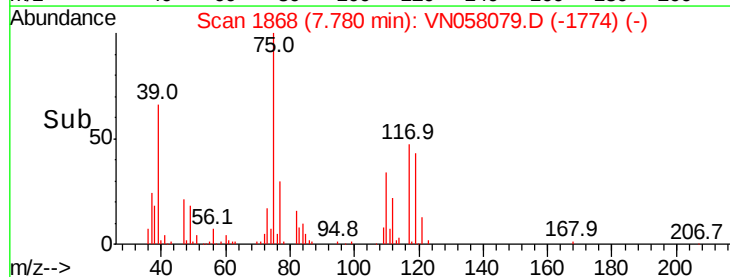
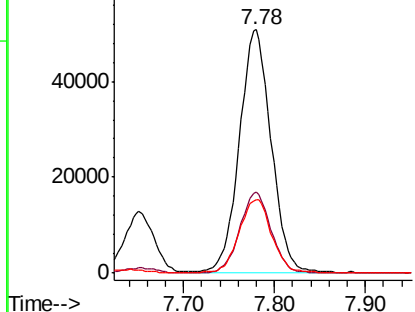


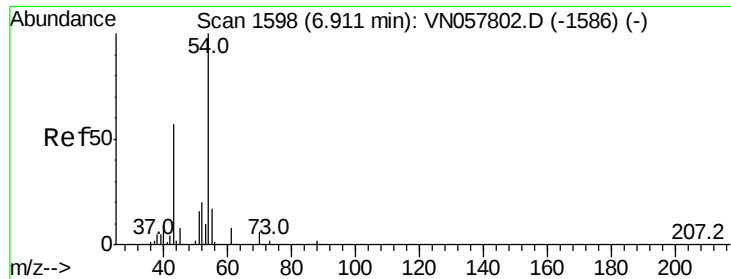
#36
 1,1-Dichloropropene
 Concen: 19.997 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.3	48.9
77	31.1	25.0	37.4



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

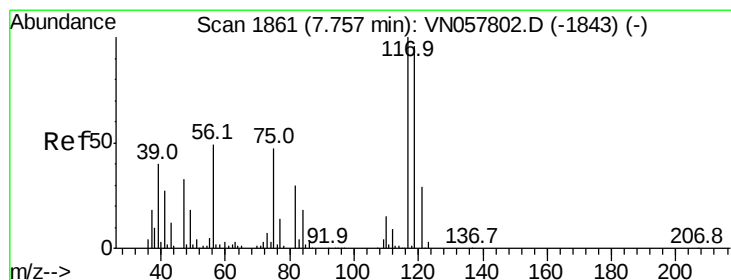
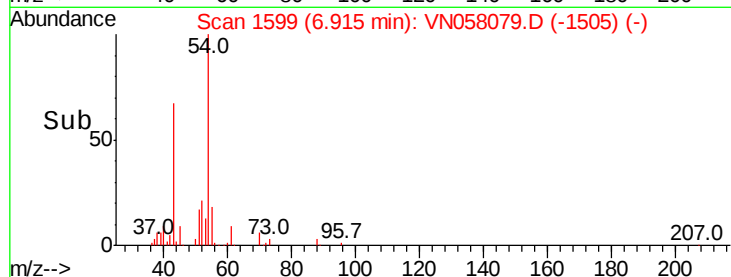
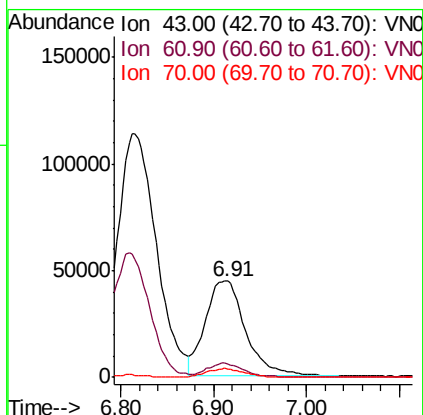
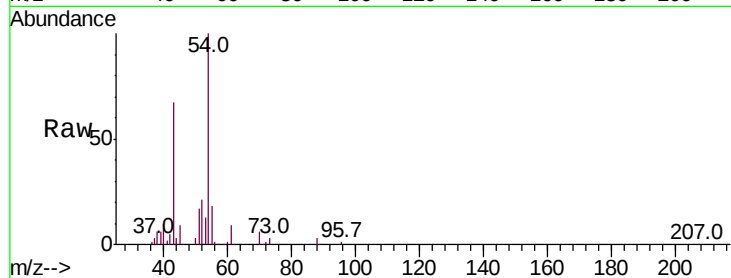




#37
Ethyl Acetate
Concen: 21.083 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

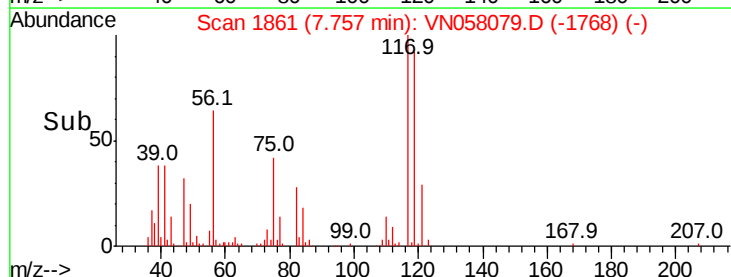
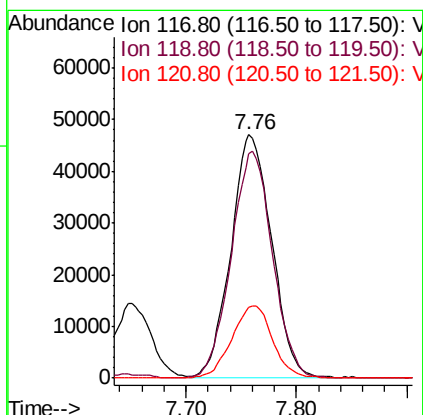
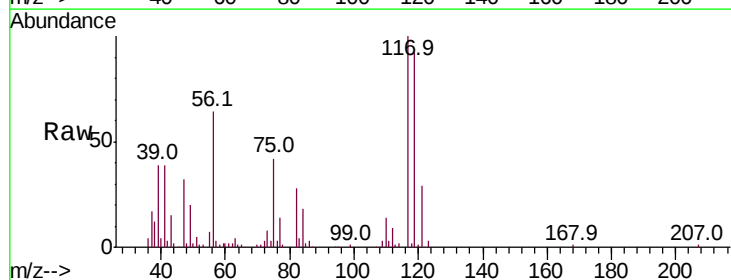
Instrument :
MSVOA_N
ClientSampled :

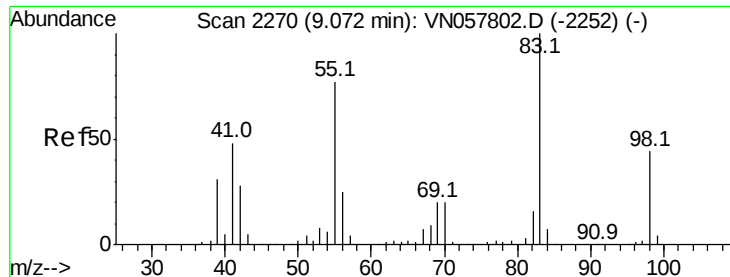
Tot Ion: 43 Resp: 135168
Ion Ratio Lower Upper
43 100
61 14.0 10.5 15.7
70 8.7 7.4 11.0



#38
Carbon Tetrachloride
Concen: 21.299 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 117 Resp: 120668
Ion Ratio Lower Upper
117 100
119 92.2 76.9 115.3
121 28.9 23.4 35.2

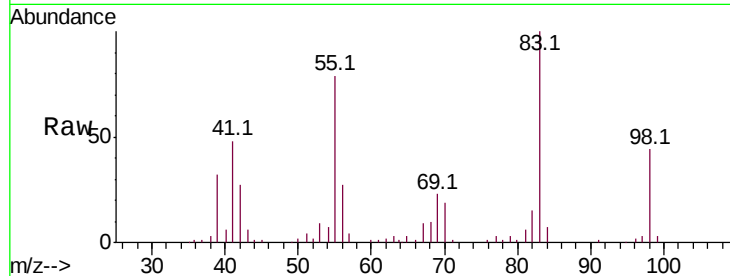




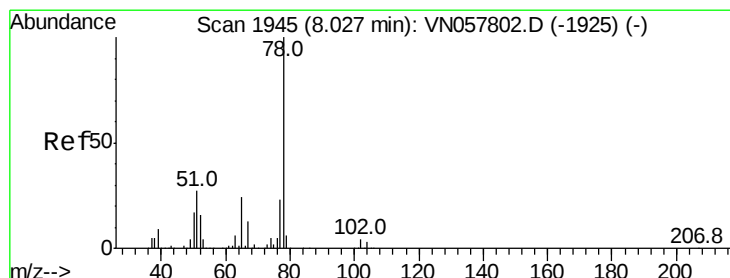
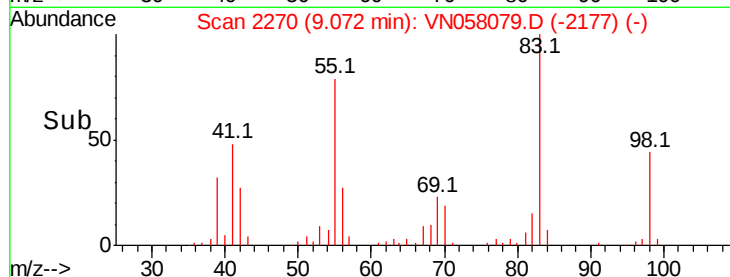
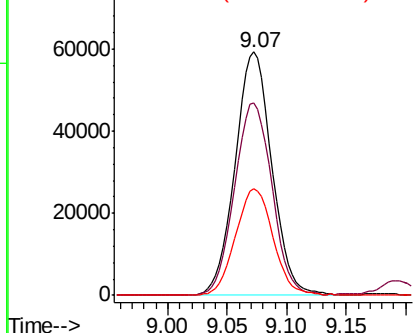
#39
Methvlcvclohexane
Concen: 19.512 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 127286
Ion Ratio Lower Upper
83 100
55 79.2 61.6 92.4
98 43.6 34.9 52.3

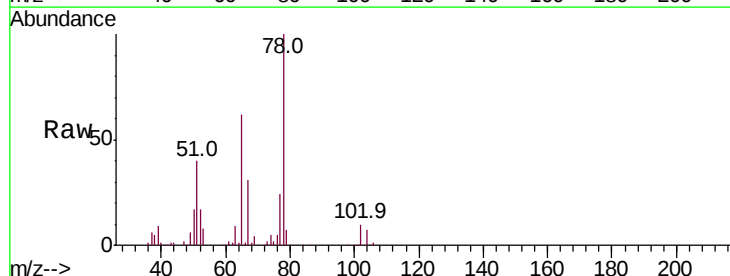


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

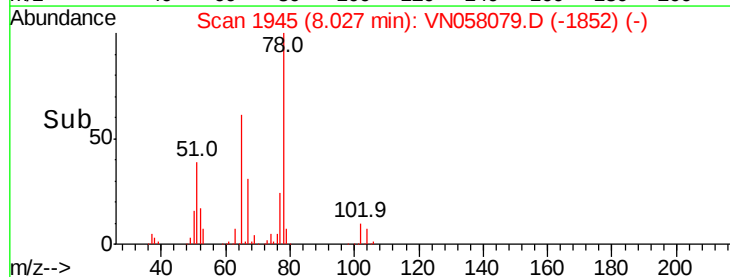
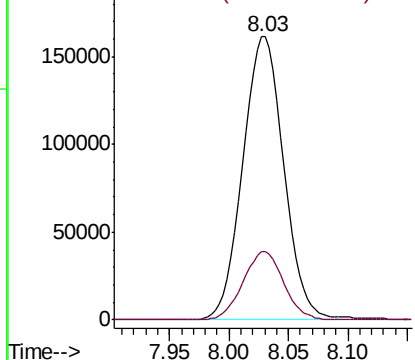


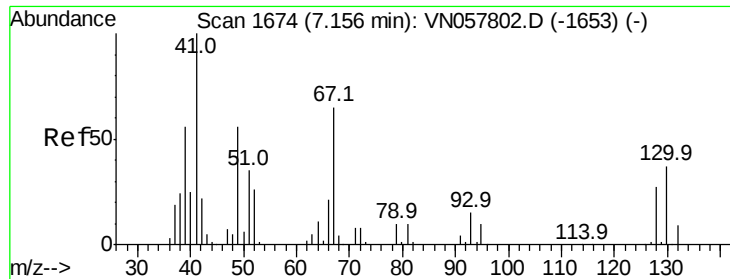
#40
Benzene
Concen: 20.598 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 78 Resp: 384818
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5



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





#41

Methacrylonitrile

Concen: 21.498 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 62565

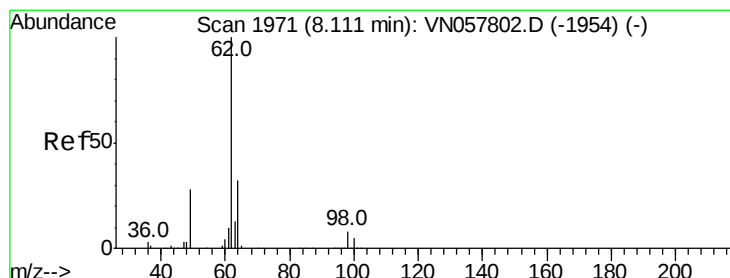
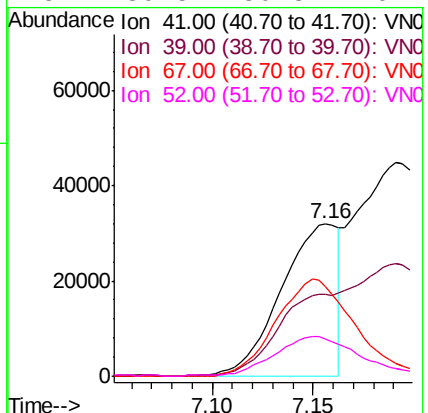
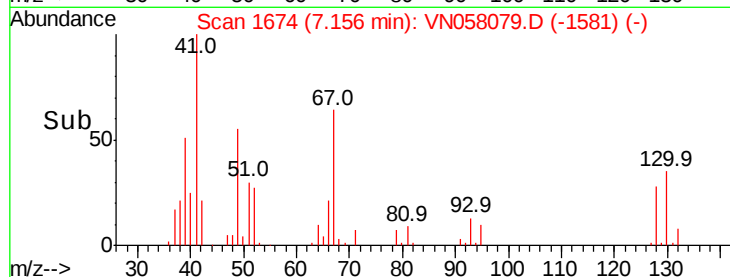
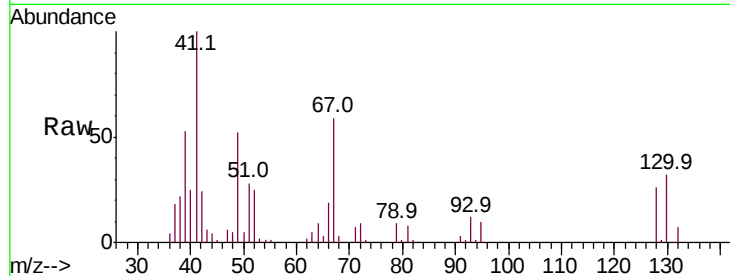
Ion Ratio Lower Upper

41 100

39 0.0 51.0 76.6#

67 88.8 70.7 106.1

52 39.5 30.8 46.2



#42

1,2-Dichloroethane

Concen: 21.612 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN058079.D

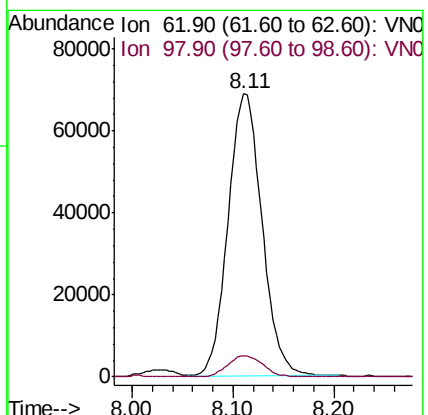
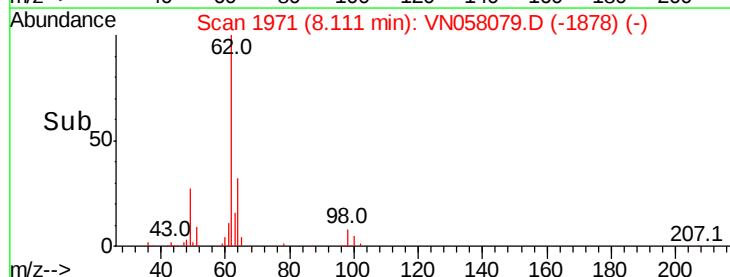
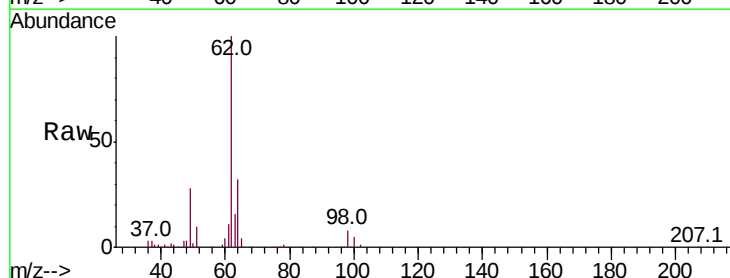
Acq: 15 Sep 2019 9:45

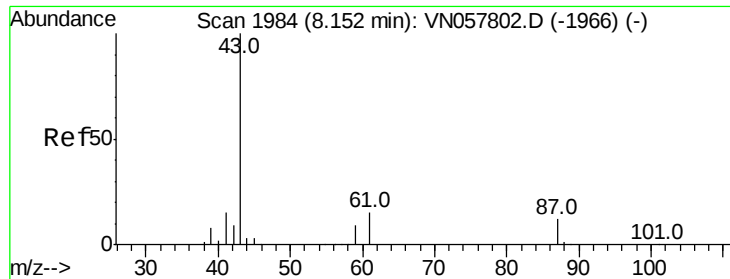
Tgt Ion: 62 Resp: 161482

Ion Ratio Lower Upper

62 100

98 7.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 23.005 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampleId :

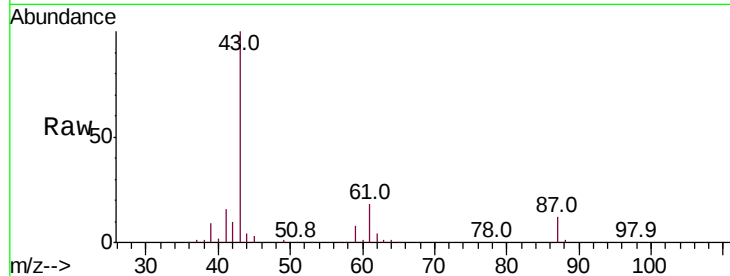
Tot Ion: 43 Resp: 248033

Ion Ratio Lower Upper

43 100

61 23.3 20.1 30.1

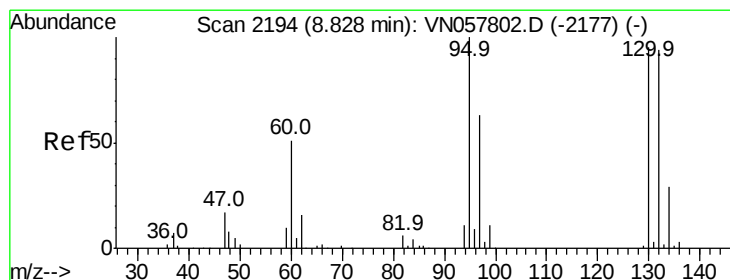
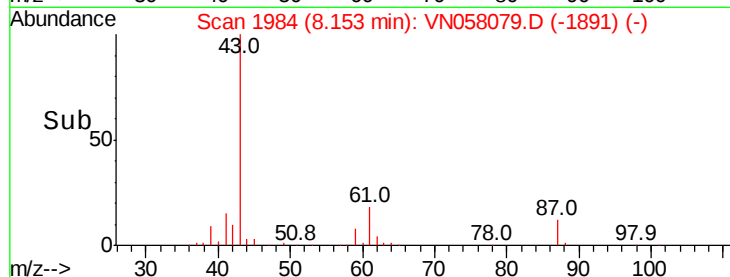
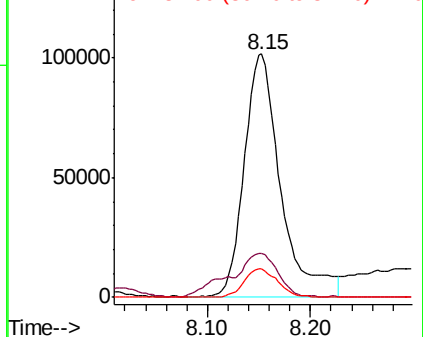
87 11.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 20.617 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058079.D

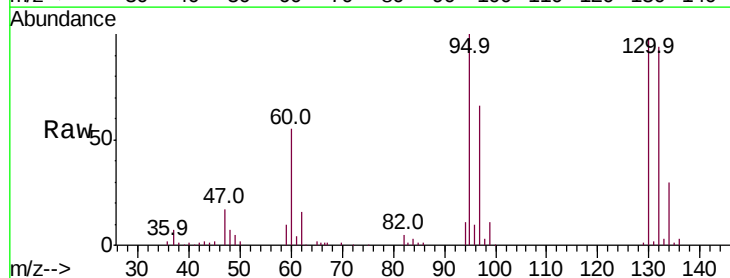
Acq: 15 Sep 2019 9:45

Tgt Ion: 130 Resp: 94472

Ion Ratio Lower Upper

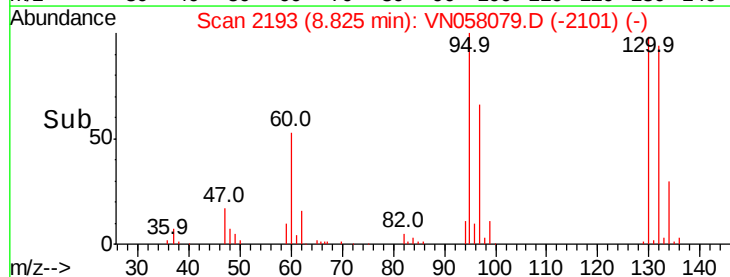
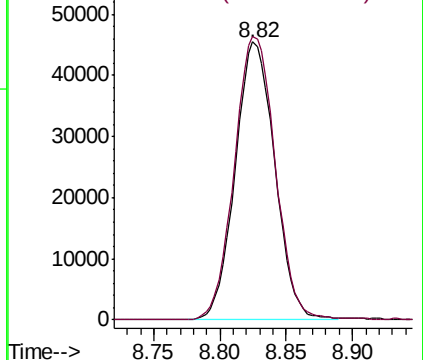
130 100

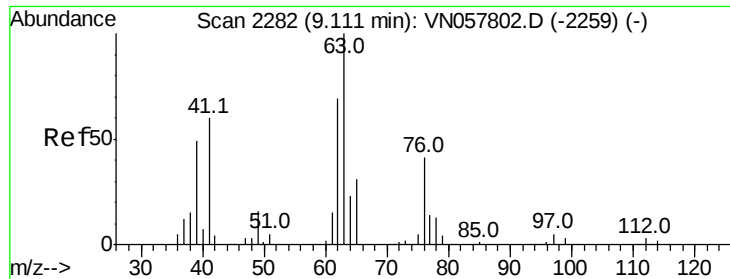
95 101.8 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

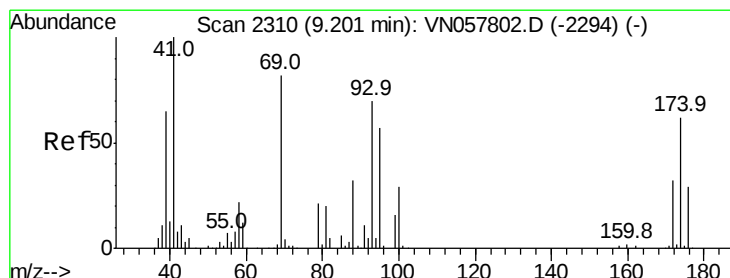
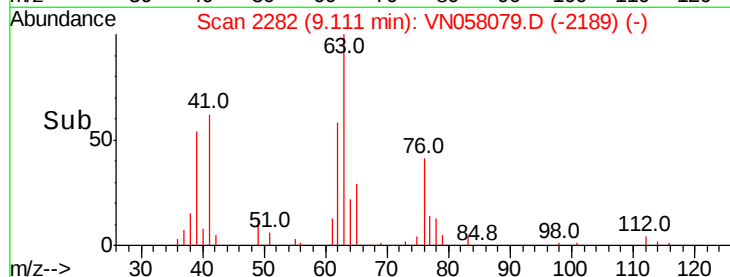
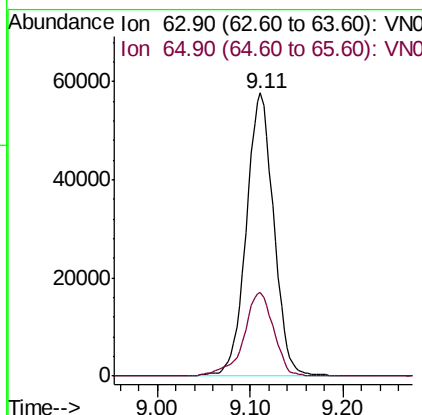
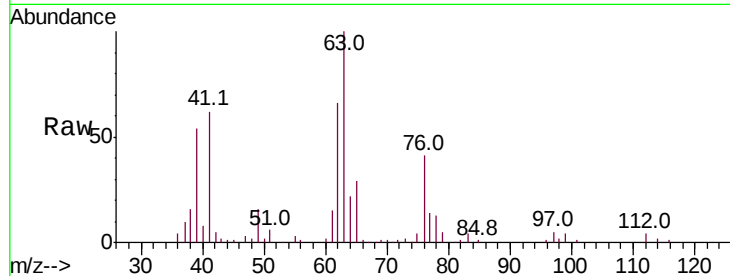




#45
 1,2-Dichloropropane
 Concen: 21.815 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

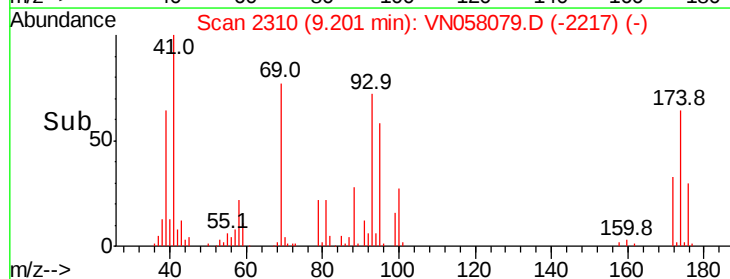
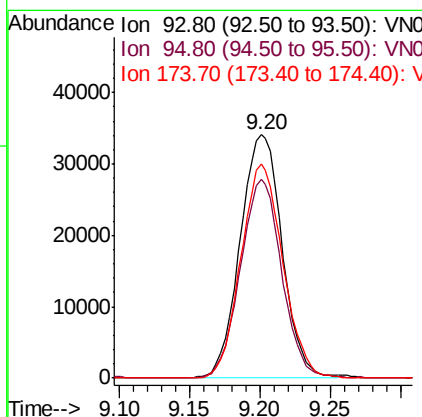
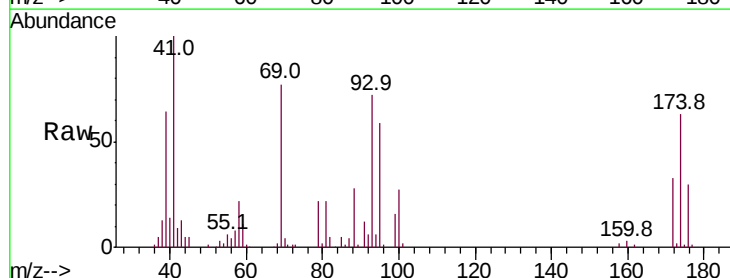
Instrument :
 MSVOA_N
 ClientSampleId :

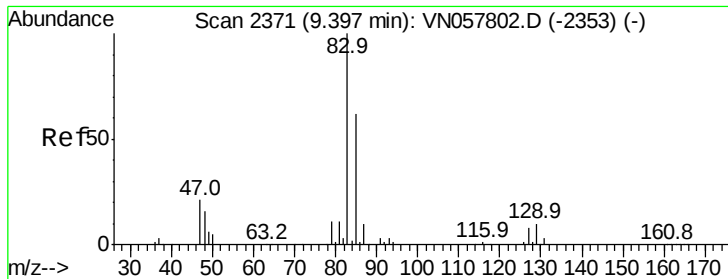
Tot Ion: 63 Resp: 118593
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.8 37.2



#46
 Dibromomethane
 Concen: 21.644 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion: 93 Resp: 71102
 Ion Ratio Lower Upper
 93 100
 95 80.0 65.9 98.9
 174 87.5 71.8 107.6





#47

Bromodichloromethane

Concen: 21.941 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampleId :

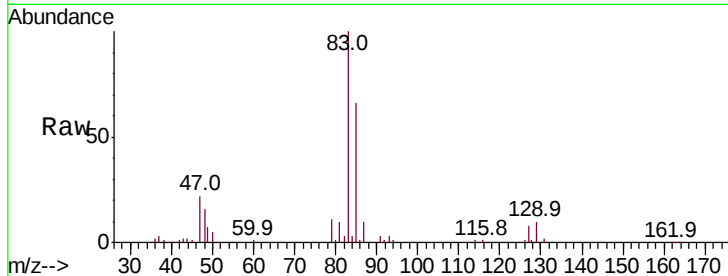
Tot Ion: 83 Resp: 143933

Ion Ratio Lower Upper

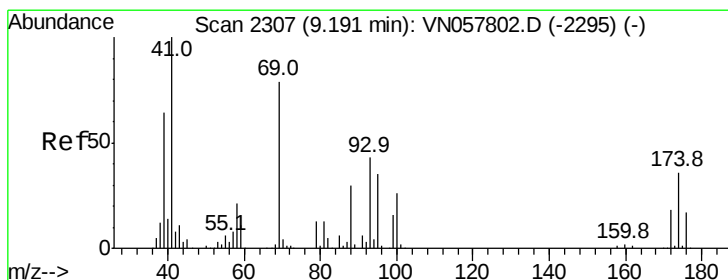
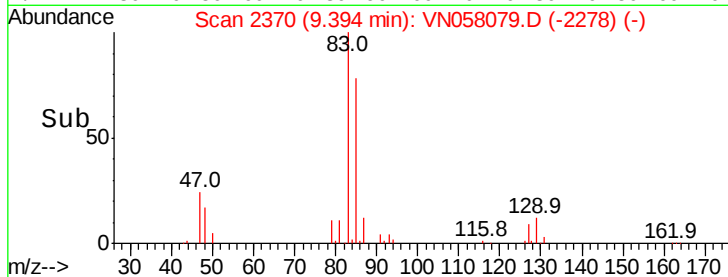
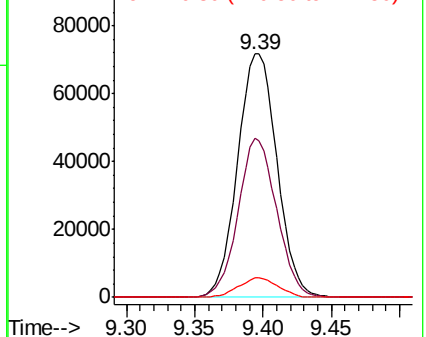
83 100

85 65.6 49.9 74.9

127 7.9 6.5 9.7



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



#48

Methyl methacrylate

Concen: 20.219 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

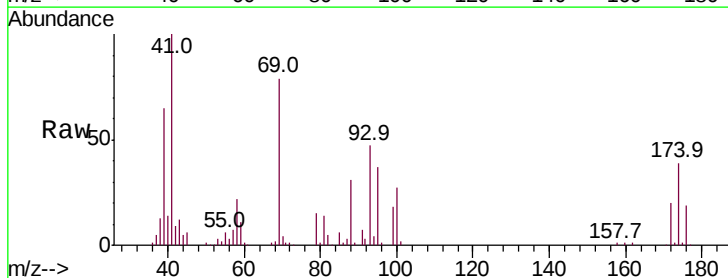
Tgt Ion: 41 Resp: 110582

Ion Ratio Lower Upper

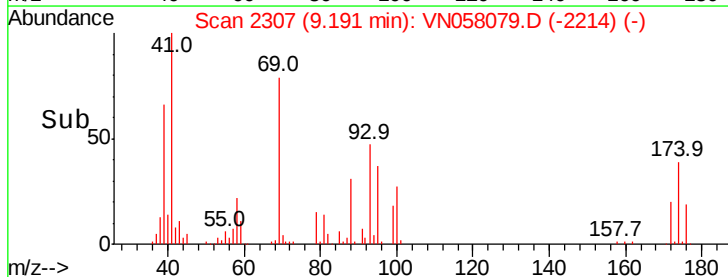
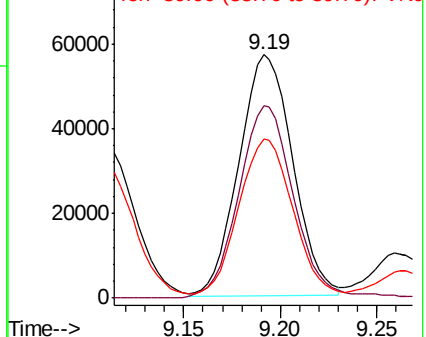
41 100

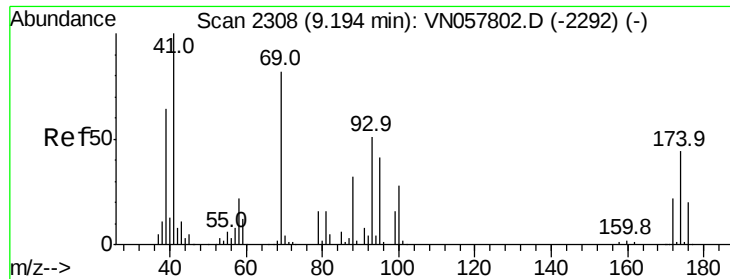
69 81.7 62.7 94.1

39 66.1 52.7 79.1



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

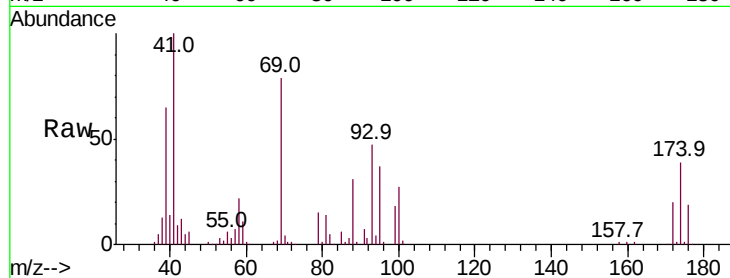




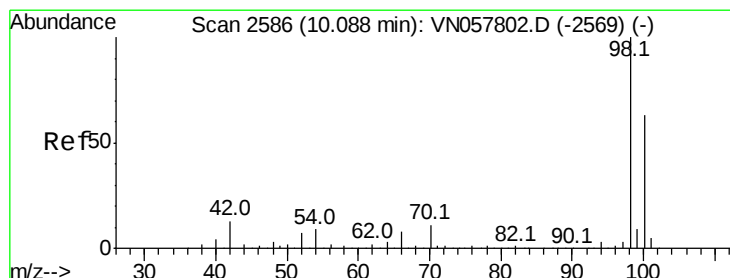
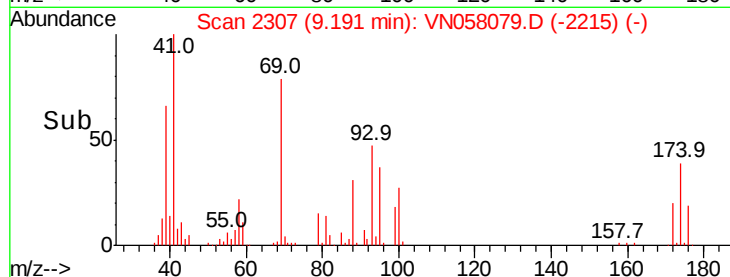
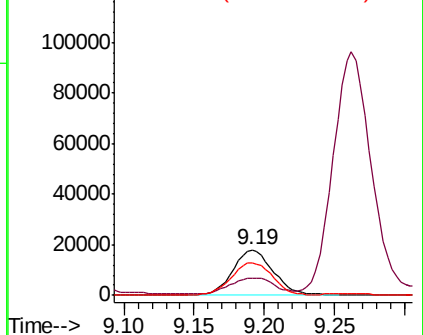
#49
 1,4-Dioxane
 Concen: 391.947 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 36251
 Ion Ratio Lower Upper
 88 100
 43 38.9 28.5 42.7
 58 73.5 55.8 83.6

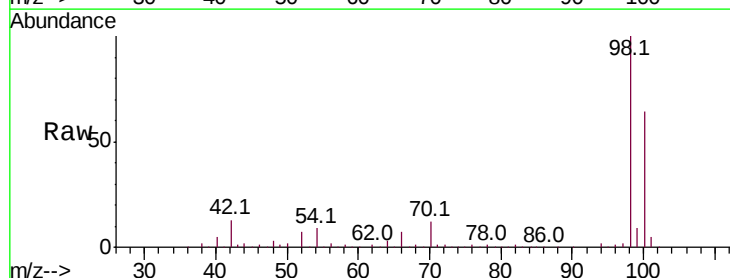


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

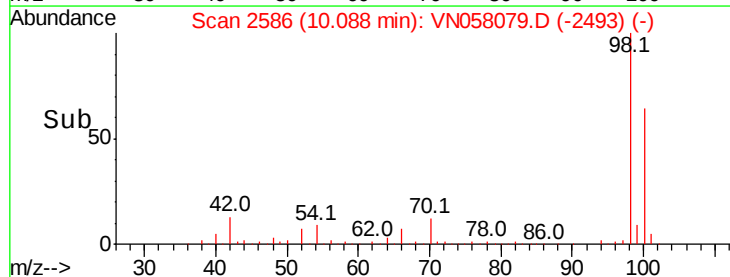
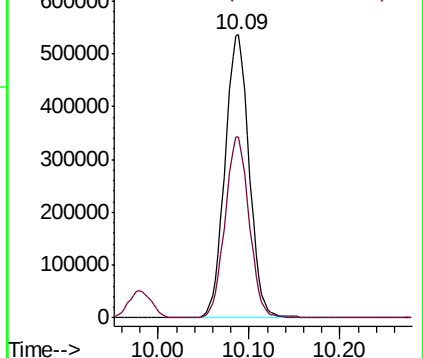


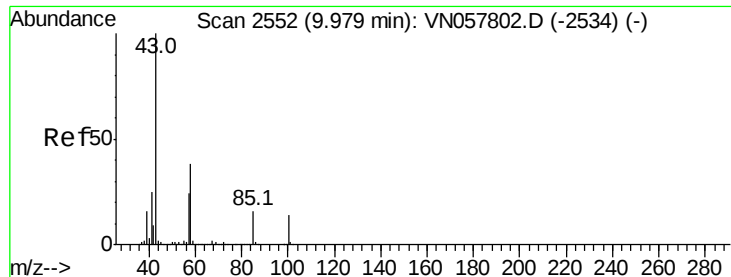
#50
 Toluene-d8
 Concen: 51.704 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion: 98 Resp: 991359
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.3 75.5



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





#51

4-Methyl-2-Pentanone

Concen: 111.796 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

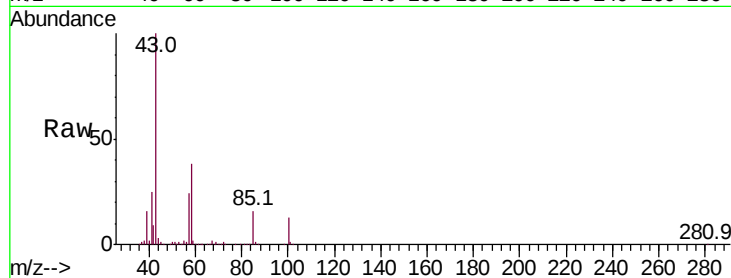
ClientSampleId :

Tot Ion: 43 Resp: 713298

Ion Ratio Lower Upper

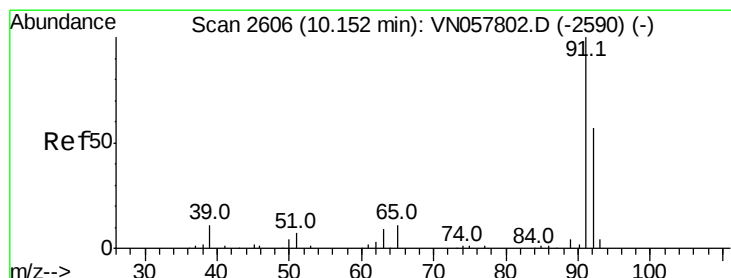
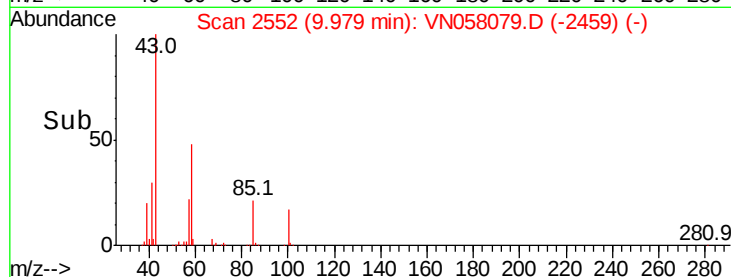
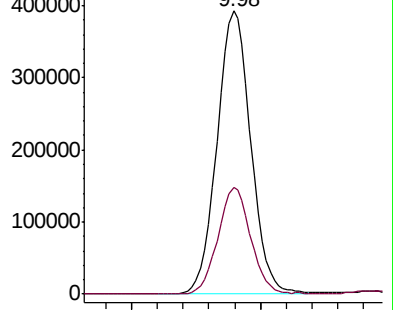
43 100

58 36.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 20.845 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058079.D

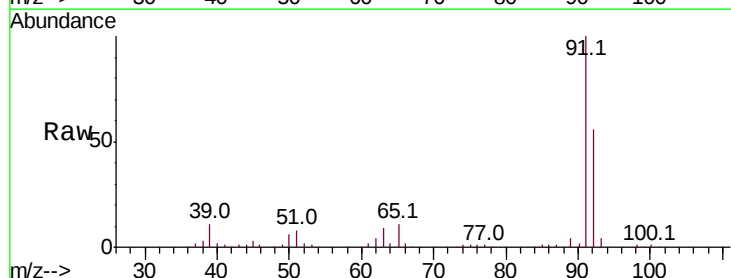
Acq: 15 Sep 2019 9:45

Tgt Ion: 92 Resp: 245274

Ion Ratio Lower Upper

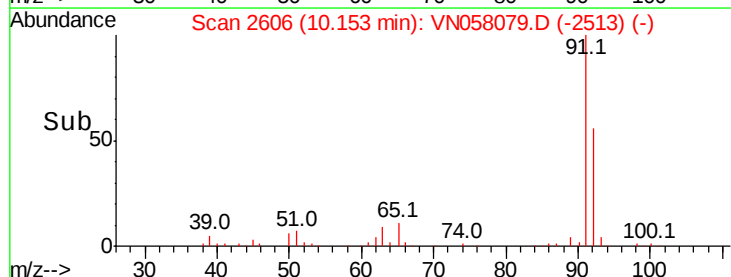
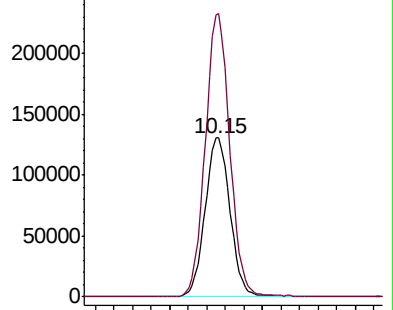
92 100

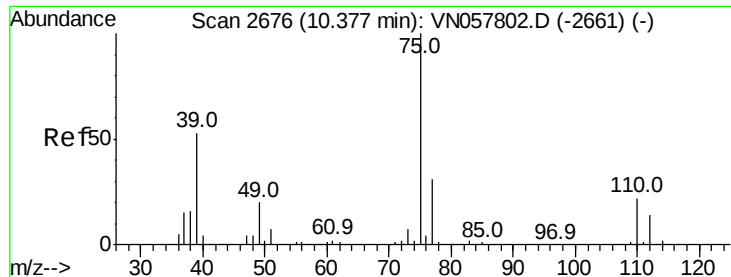
91 173.8 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 20.859 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

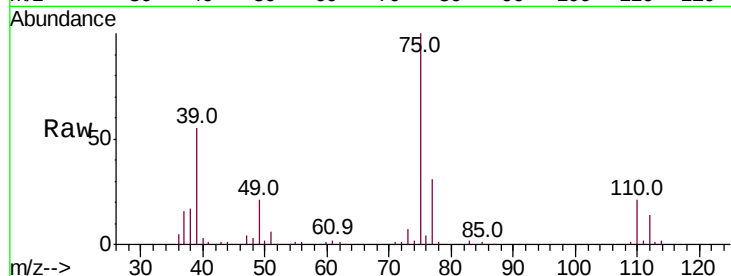
ClientSampleId :

Tot Ion: 75 Resp: 144094

Ion Ratio Lower Upper

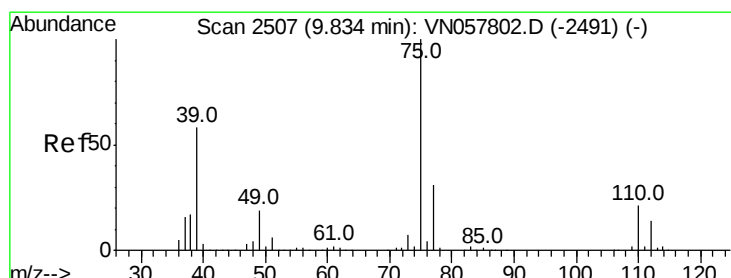
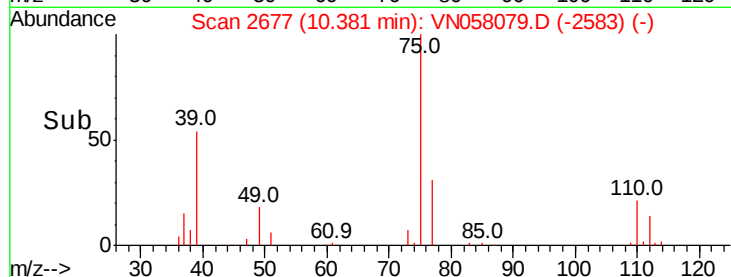
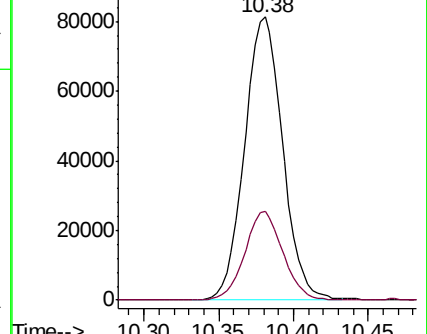
75 100

77 31.4 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 21.425 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

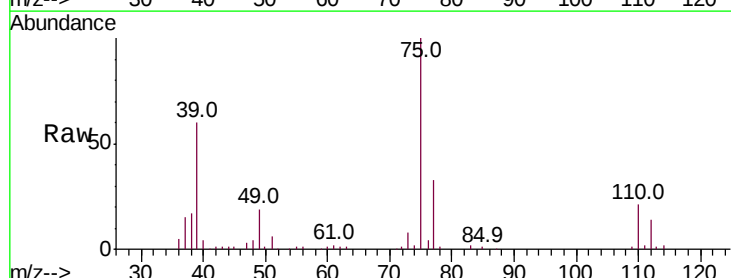
Tgt Ion: 75 Resp: 163408

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

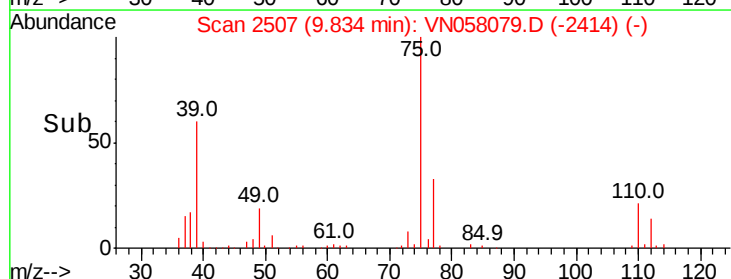
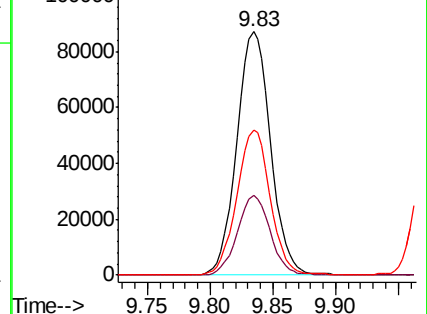
39 59.4 46.2 69.4

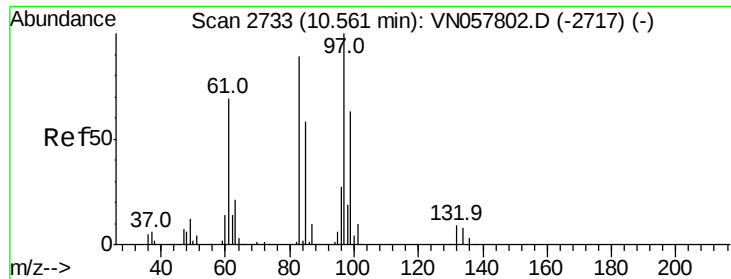


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

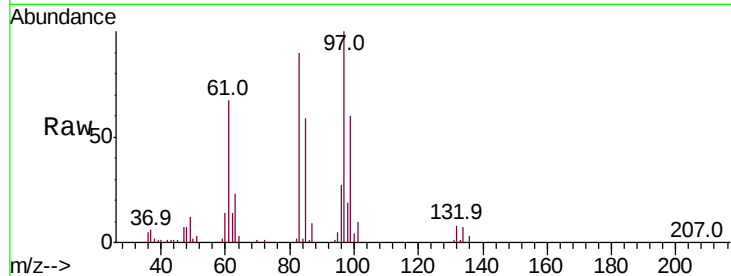




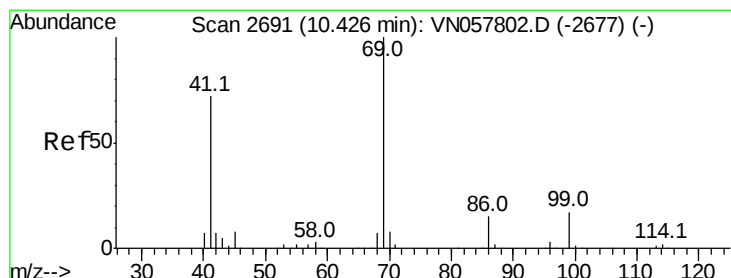
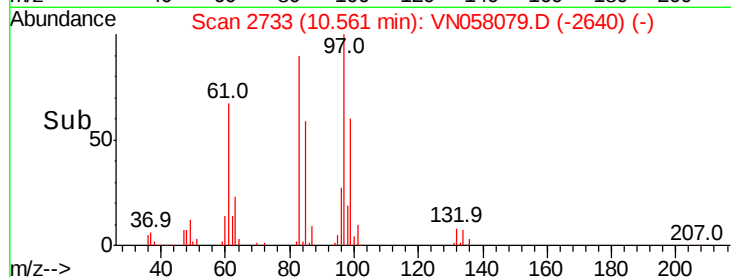
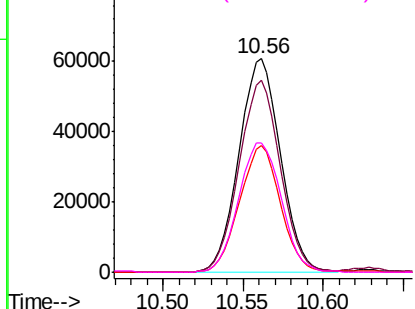
#55
 1,1,2-Trichloroethane
 Concen: 21.665 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	107987
Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.8	106.2
85	59.4	46.0	69.0
99	60.3	50.6	76.0

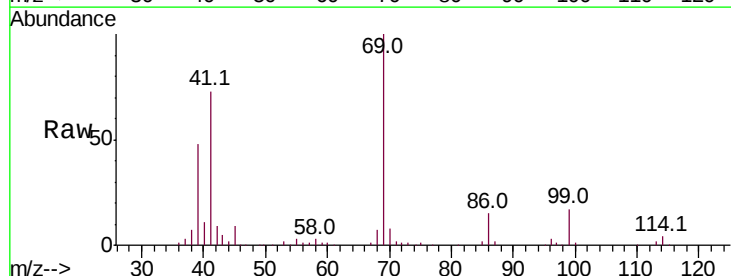


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

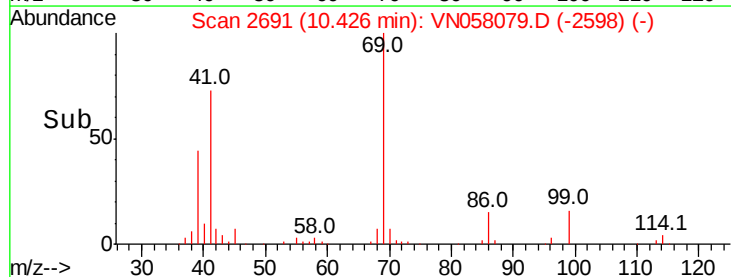
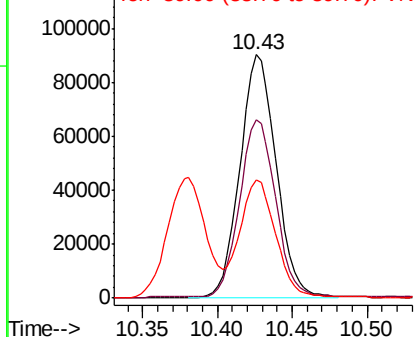


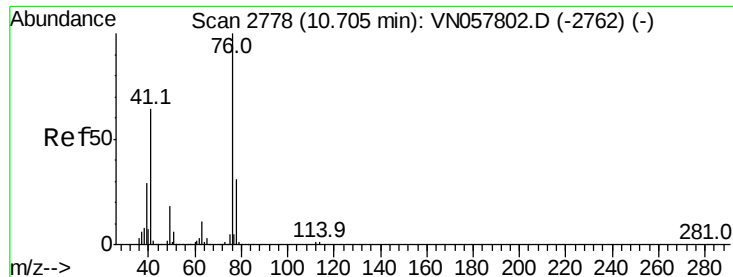
#56
 Ethyl methacrylate
 Concen: 20.318 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion:	69	Resp:	152503
Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.7	85.1
39	48.2	36.3	54.5



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: 21.577 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

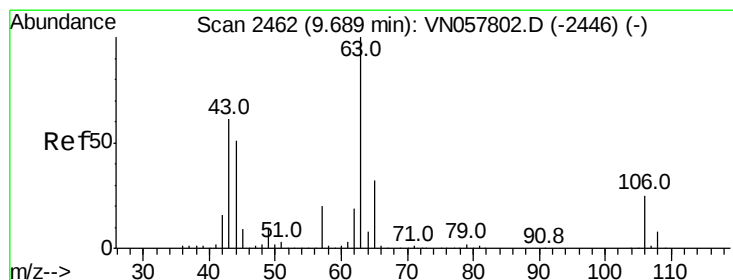
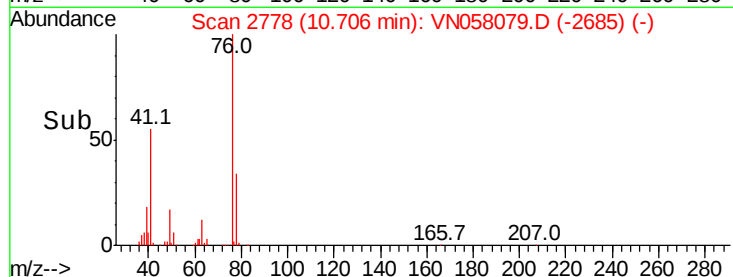
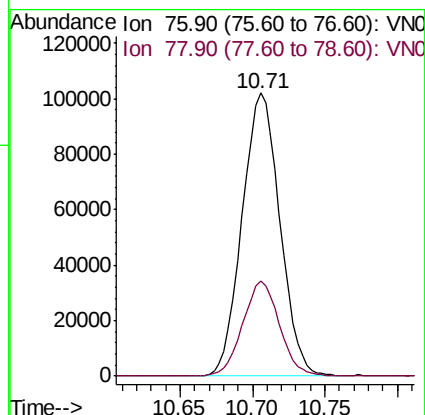
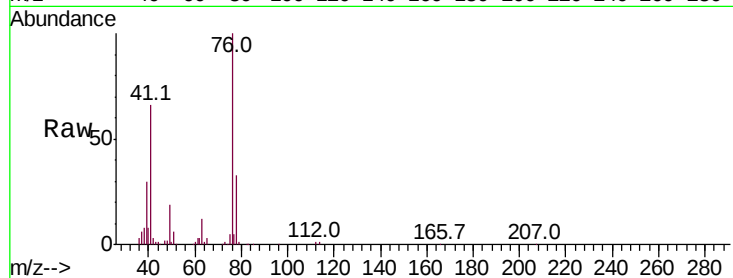
ClientSampled :

Tot Ion: 76 Resp: 185345

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.077 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058079.D

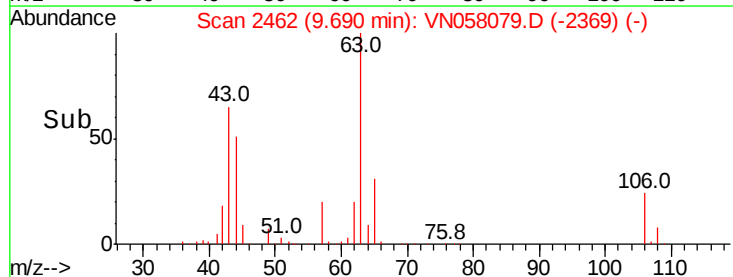
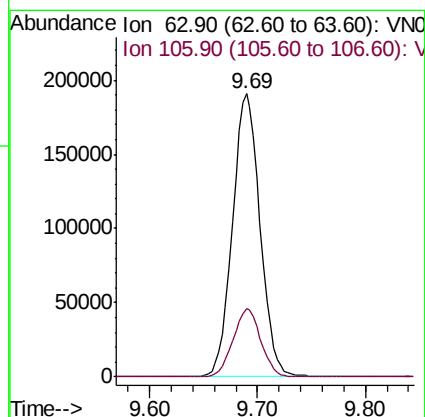
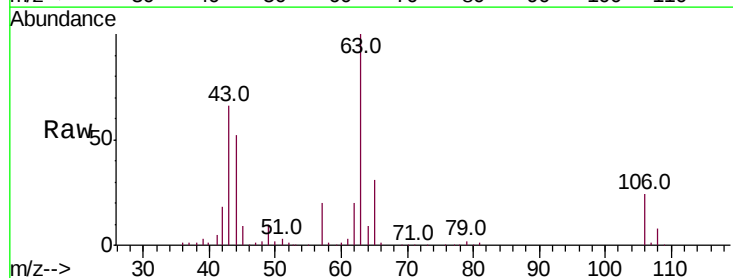
Acq: 15 Sep 2019 9:45

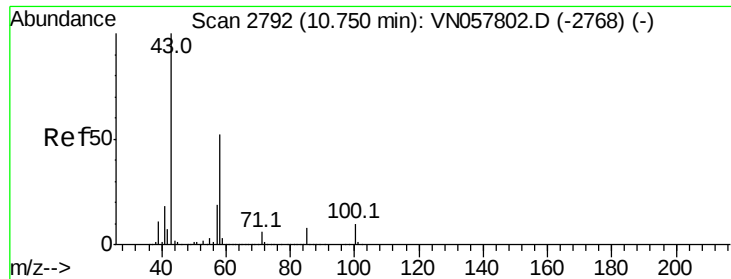
Tgt Ion: 63 Resp: 339651

Ion Ratio Lower Upper

63 100

106 24.2 20.0 30.0

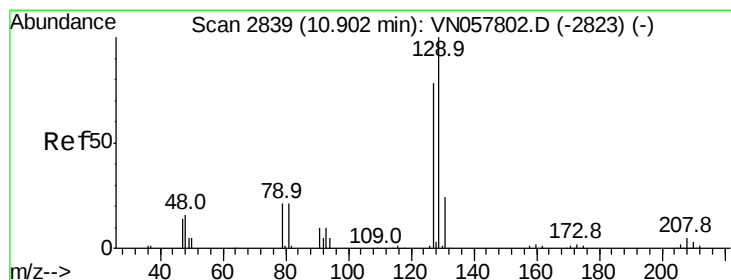
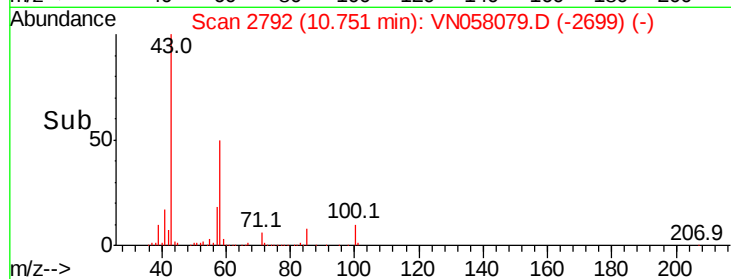
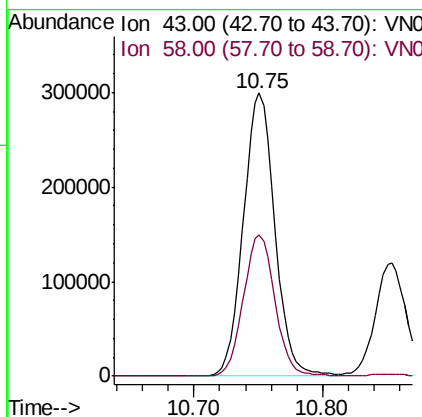
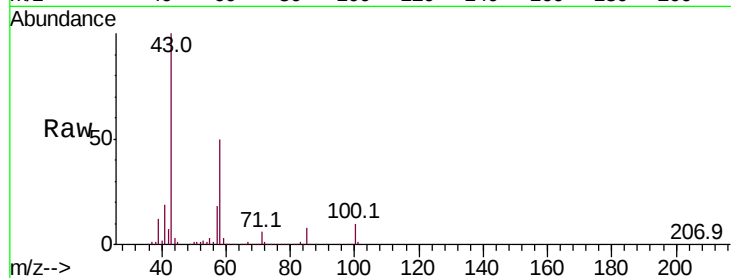




#59
2-Hexanone
Concen: 105.860 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

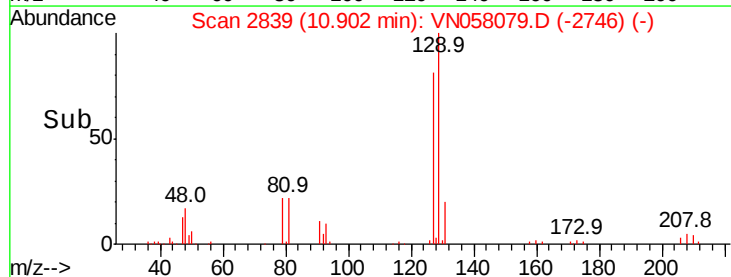
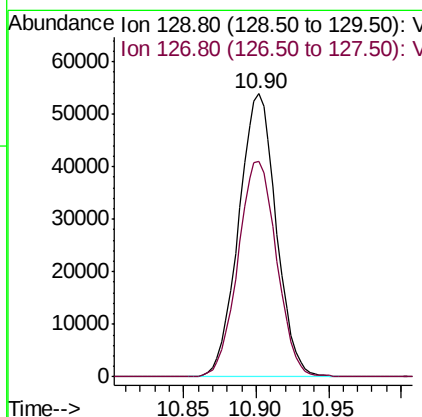
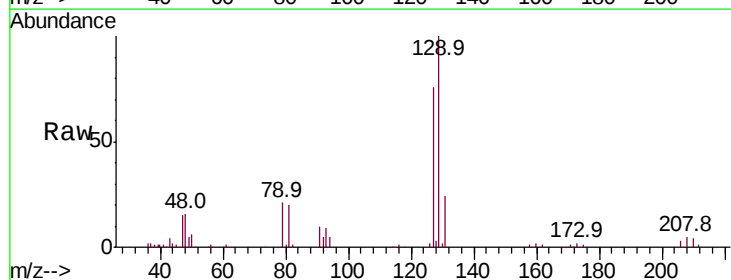
Instrument :
MSVOA_N
ClientSampled :

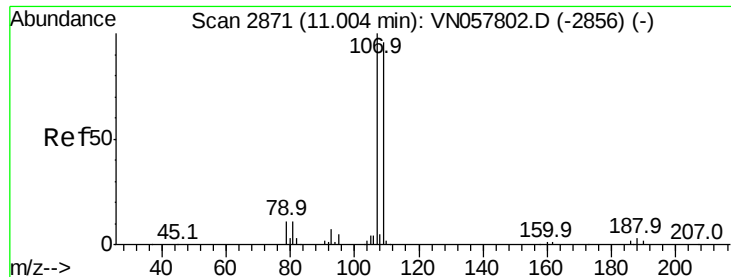
Tot Ion: 43 Resp: 506258
Ion Ratio Lower Upper
43 100
58 50.3 25.6 76.8



#60
Dibromochloromethane
Concen: 20.960 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion: 129 Resp: 97012
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.330 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

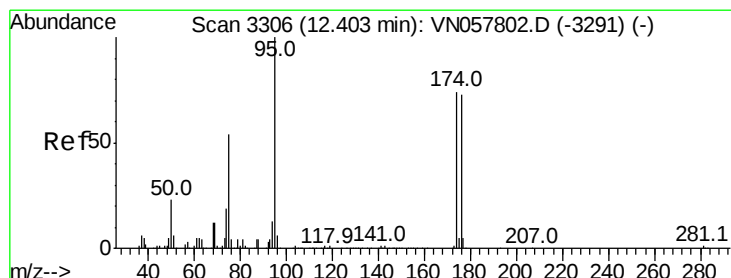
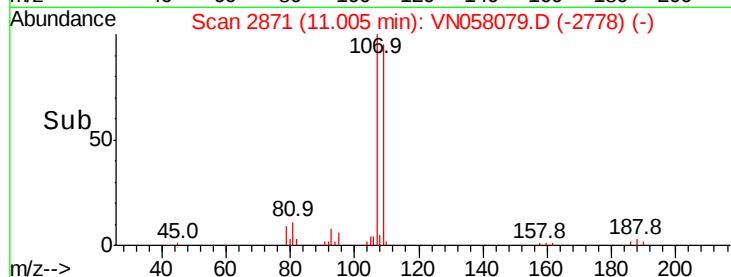
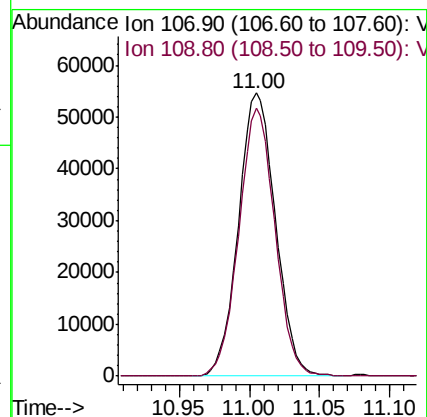
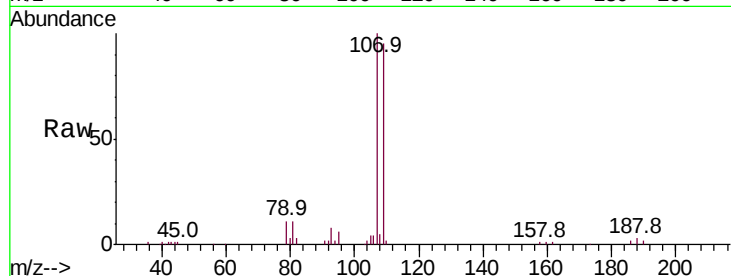
ClientSampleId :

Tot Ion:107 Resp: 100510

Ion Ratio Lower Upper

107 100

109 92.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 47.613 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

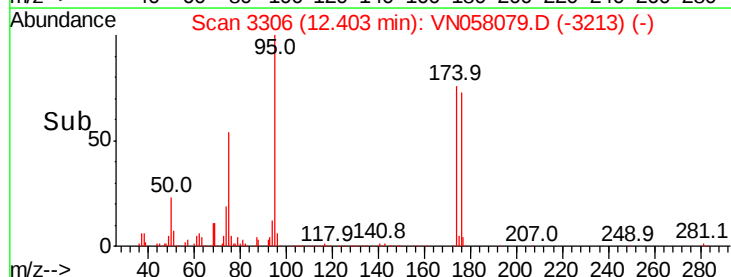
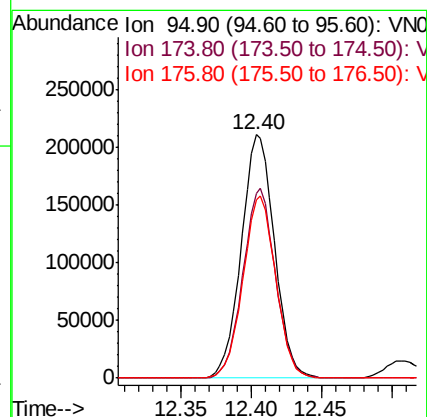
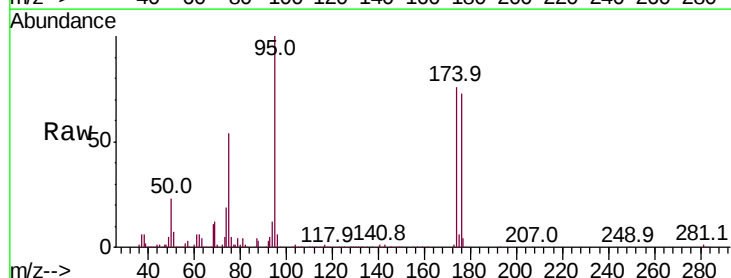
Tgt Ion: 95 Resp: 347908

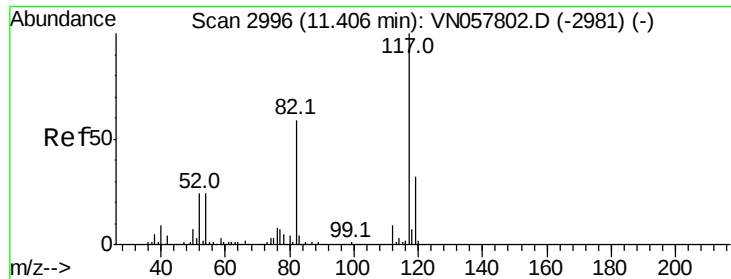
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.9 0.0 146.0

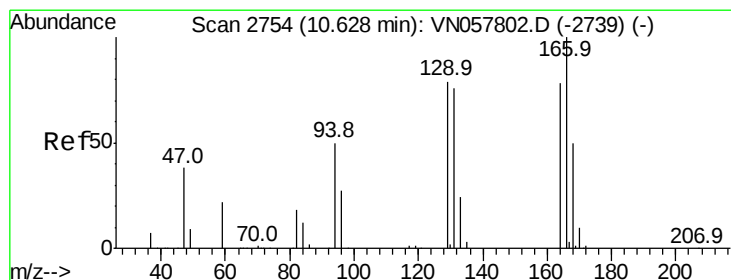
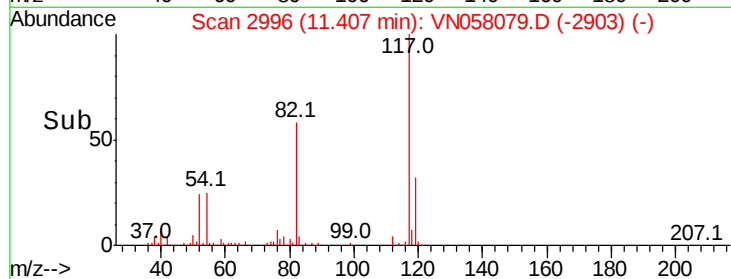
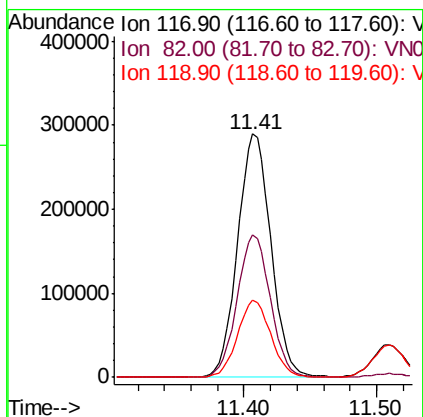
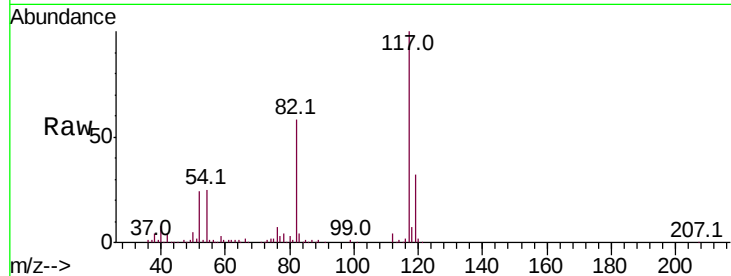




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

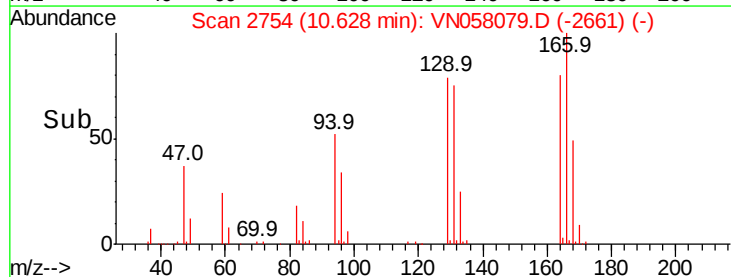
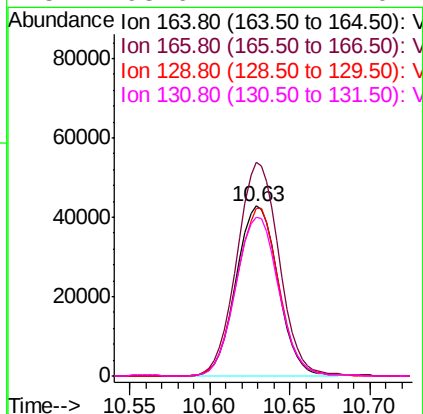
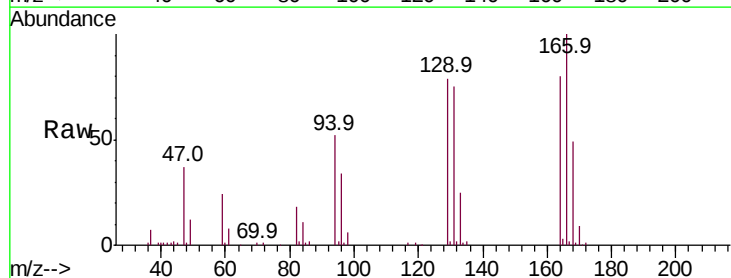
Instrument :
MSVOA_N
ClientSampleId :

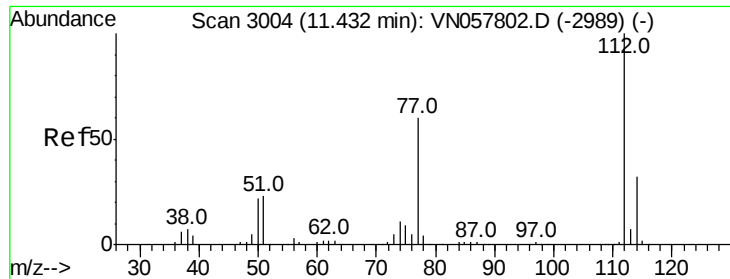
Tot Ion:117 Resp: 505590
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 20.565 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion:164 Resp: 76771
Ion Ratio Lower Upper
164 100
166 125.6 102.2 153.2
129 98.6 80.8 121.2
131 93.6 77.4 116.2

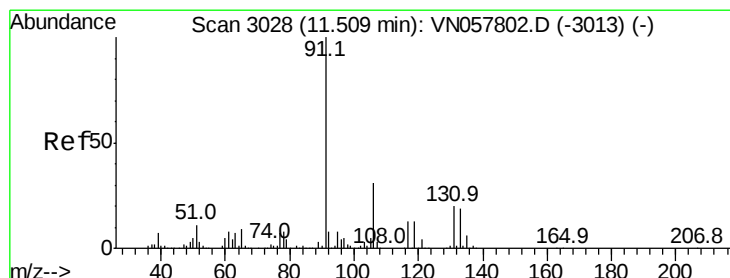
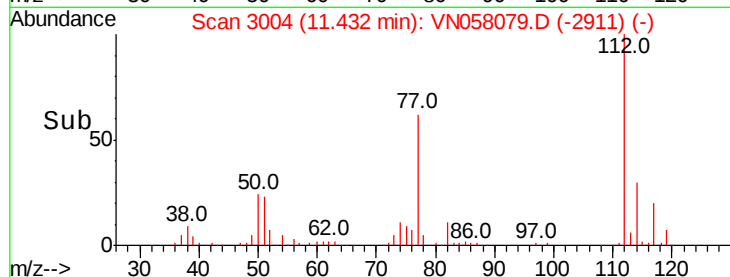
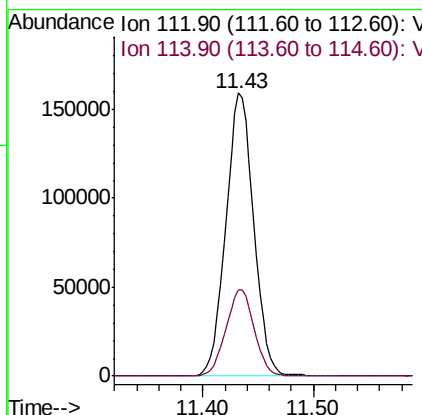
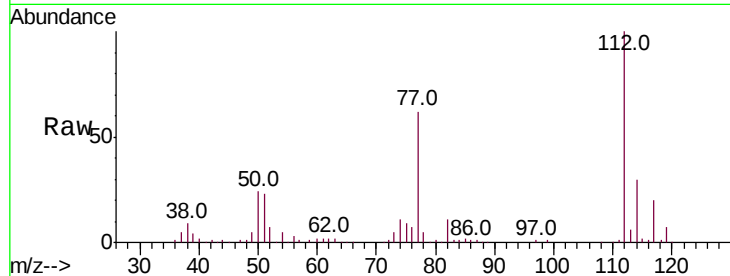




#65
Chlorobenzene
Concen: 21.048 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

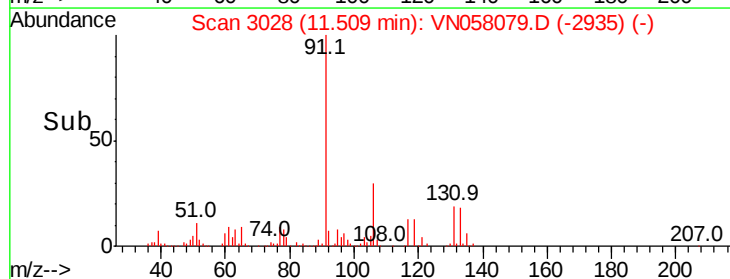
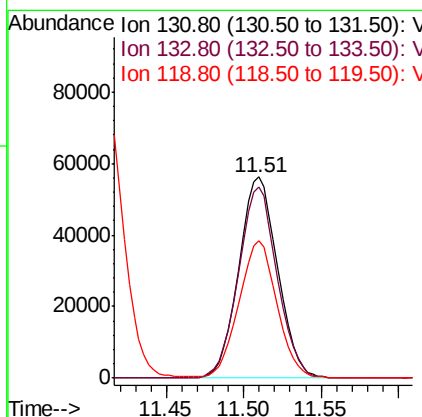
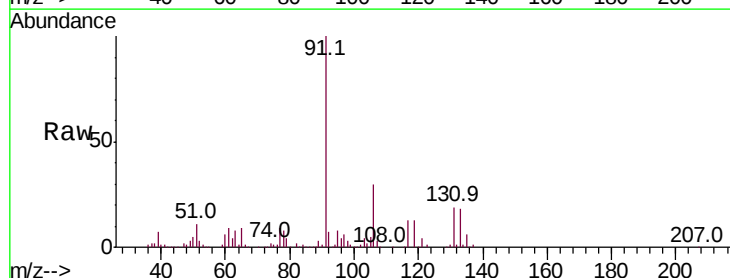
Instrument :
MSVOA_N
ClientSampleId :

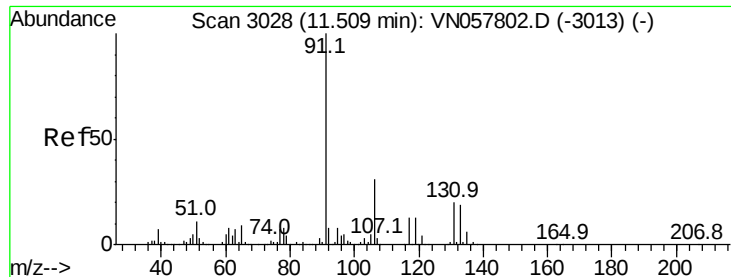
Tot Ion:112 Resp: 278500
Ion Ratio Lower Upper
112 100
114 30.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.371 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion:131 Resp: 98122
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.3
119 67.1 33.3 99.8





#67

Ethyl Benzene

Concen: 21.084 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

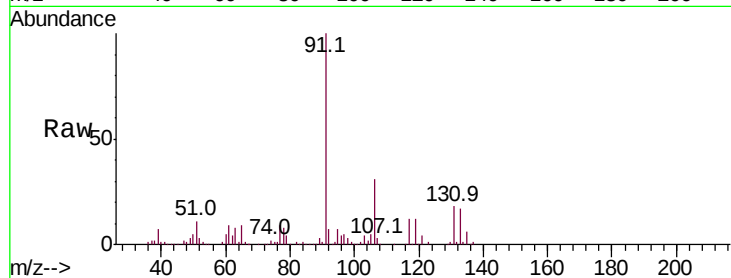
ClientSampled :

Tot Ion: 91 Resp: 488916

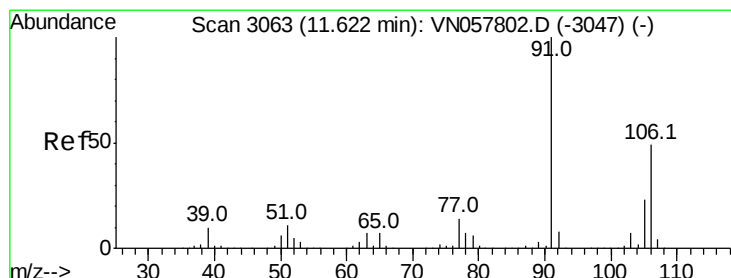
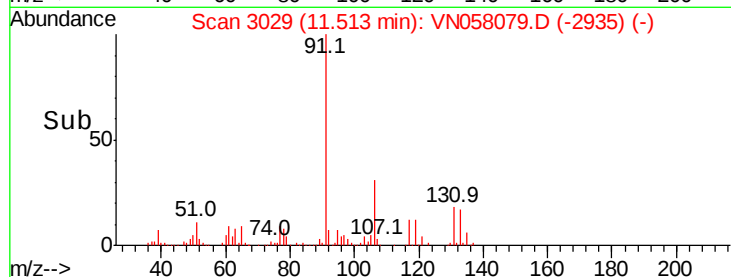
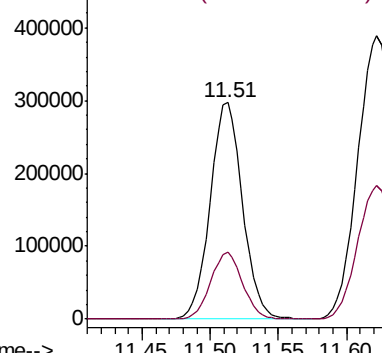
Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3013) (-)



#68

m/p-Xylenes

Concen: 41.640 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058079.D

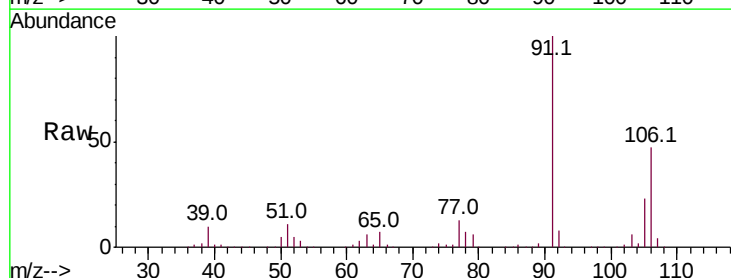
Acq: 15 Sep 2019 9:45

Tgt Ion: 106 Resp: 353694

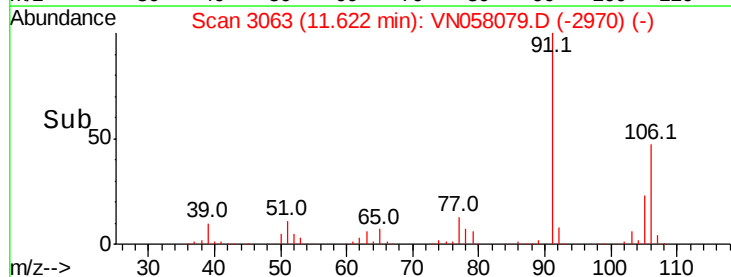
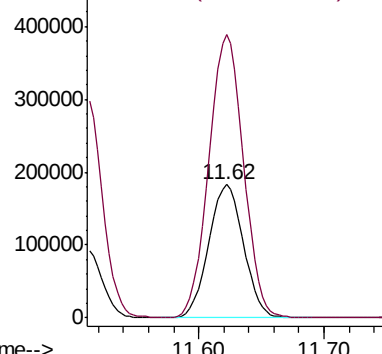
Ion Ratio Lower Upper

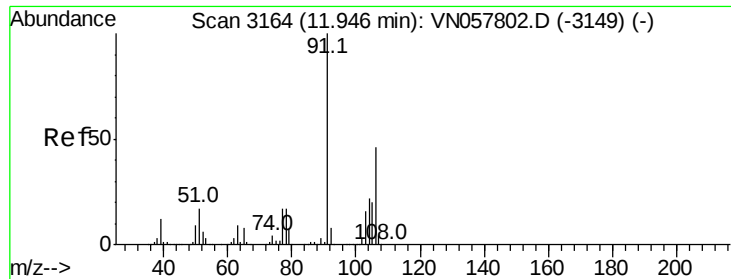
106 100

91 210.3 165.8 248.6



Abundance Ion 106.00 (105.70 to 106.70): VN057802.D (-3047) (-)

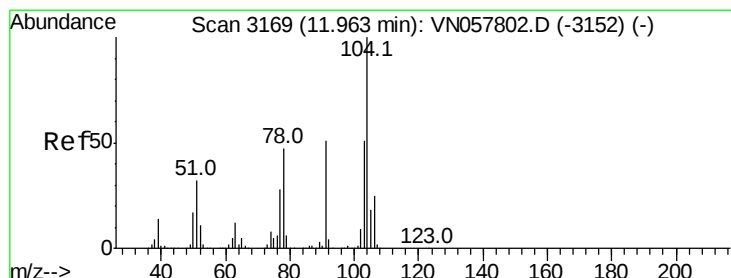
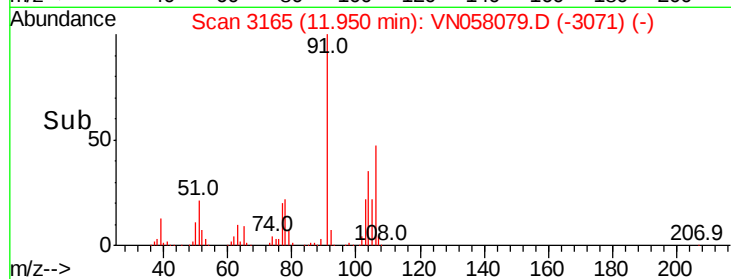
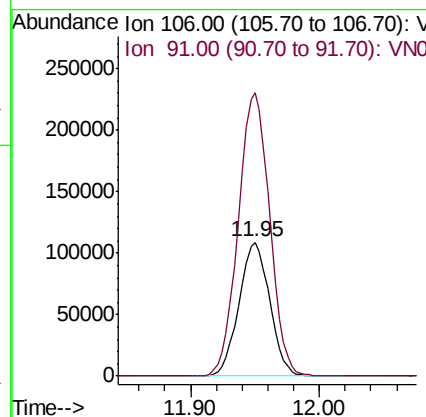
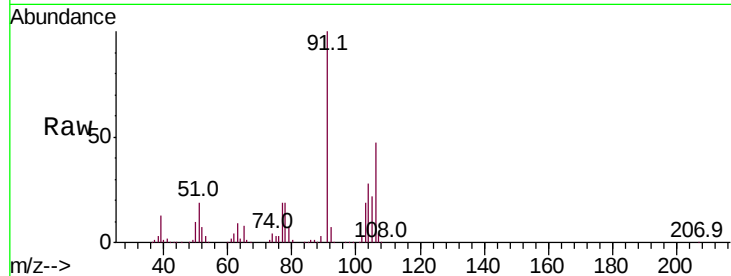




#69
o-Xylene
Concen: 21.362 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

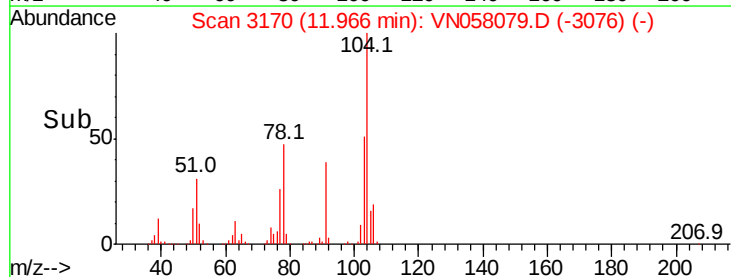
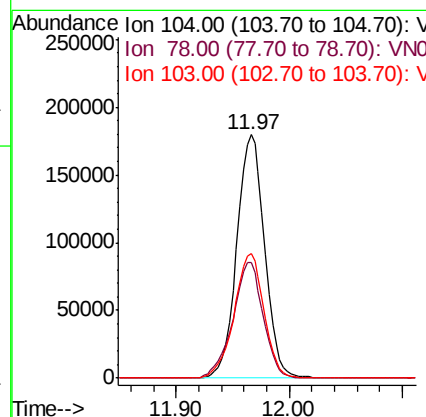
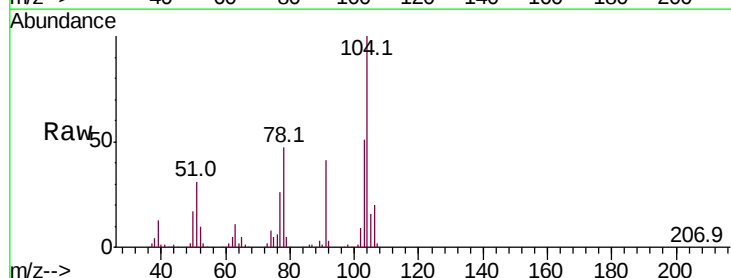
Instrument :
MSVOA_N
ClientSampled :

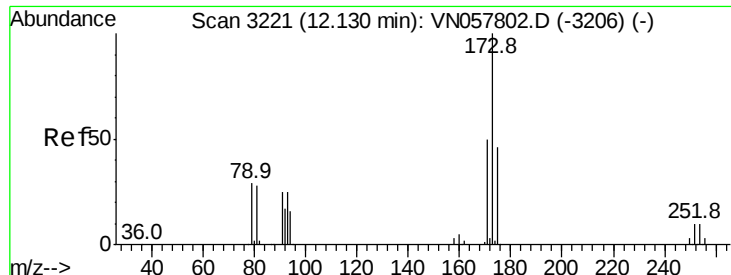
Tot Ion:106 Resp: 180393
Ion Ratio Lower Upper
106 100
91 216.0 108.7 326.1



#70
Styrene
Concen: 21.159 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion:104 Resp: 307501
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.6 43.7 65.5

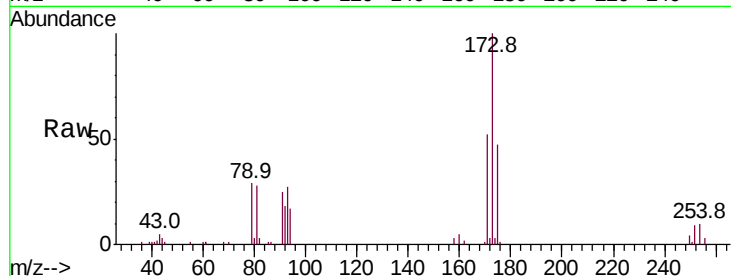




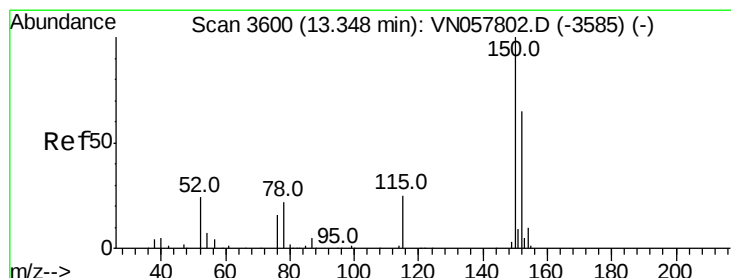
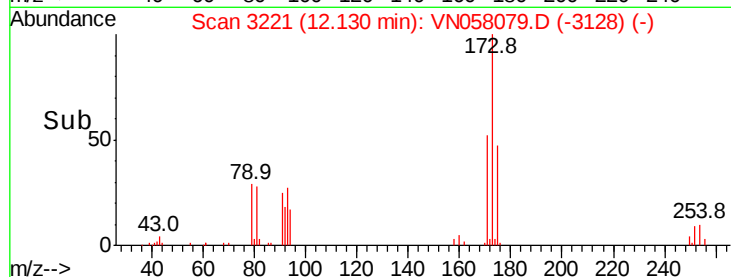
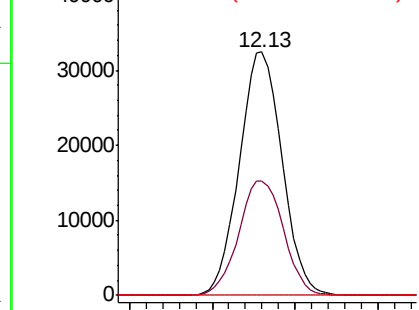
#71
Bromoform
Concen: 20.289 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 58076
Ion Ratio Lower Upper
173 100
175 49.3 23.5 70.6
254 0.0 0.1 0.1#

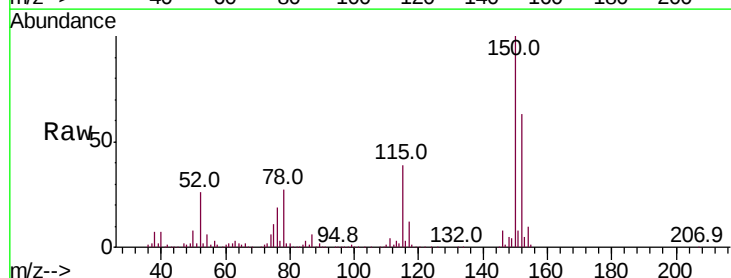


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

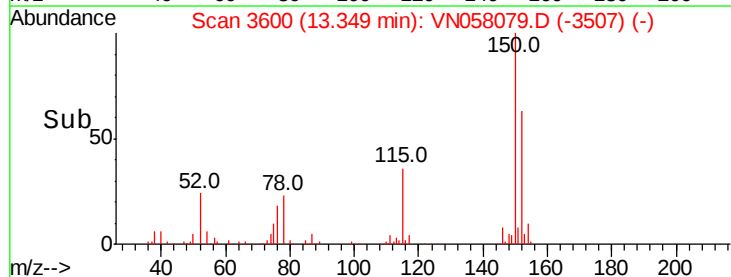
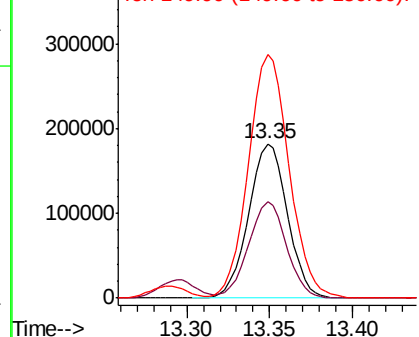


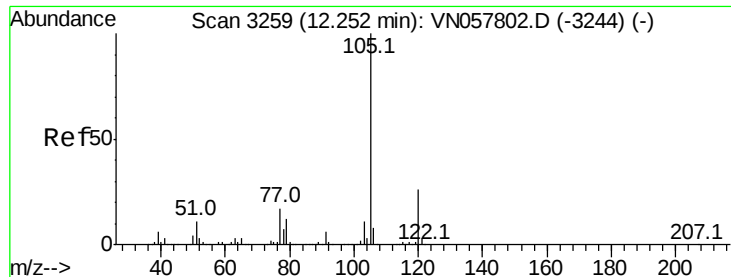
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion:152 Resp: 295137
Ion Ratio Lower Upper
152 100
115 61.1 30.3 91.0
150 165.6 0.0 352.4



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: 21.887 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

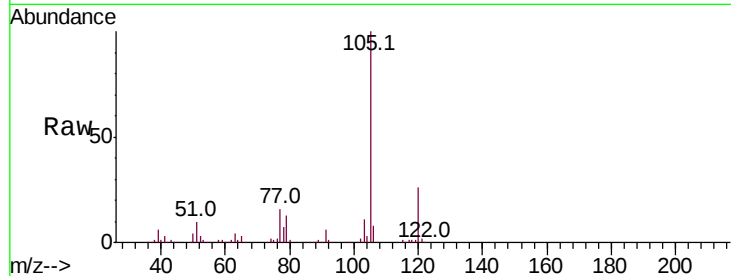
ClientSampleId :

Tot Ion:105 Resp: 501255

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

300000

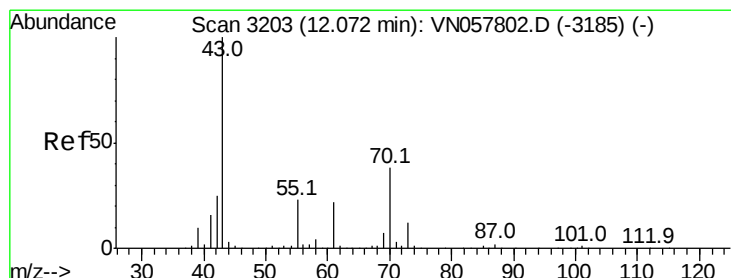
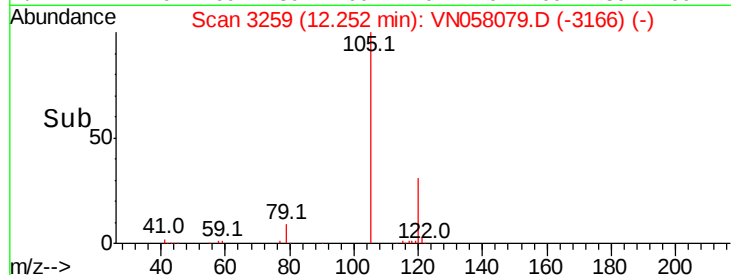
200000

100000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.008 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Tgt Ion: 43 Resp: 199418

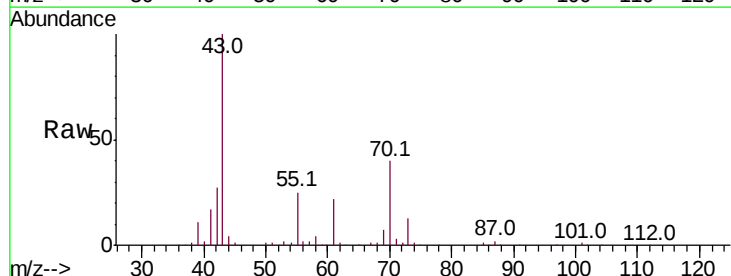
Ion Ratio Lower Upper

43 100

70 39.7 30.6 45.8

55 24.9 18.6 27.8

61 22.3 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

200000

150000

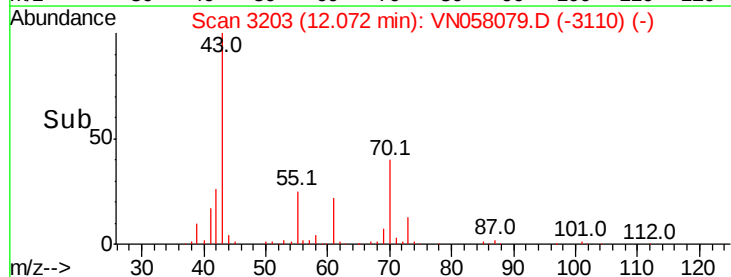
100000

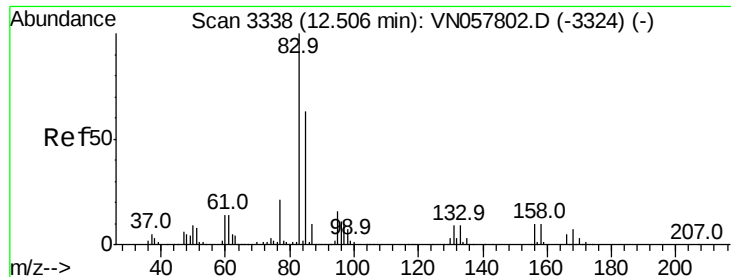
50000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.866 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampled :

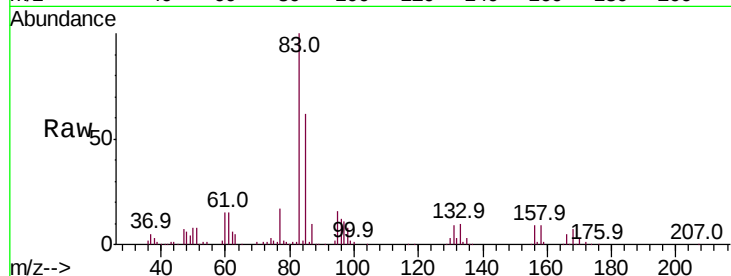
Tot Ion: 83 Resp: 160895

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

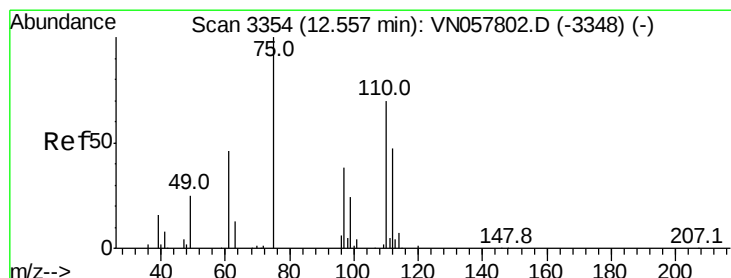
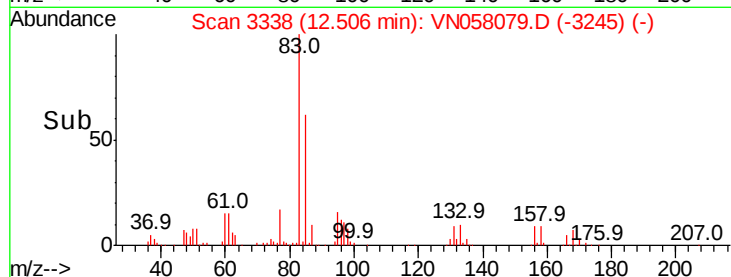
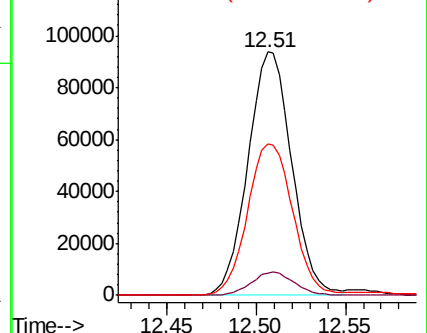
85 64.2 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN058079.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN058079.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN058079.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 28.532 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058079.D

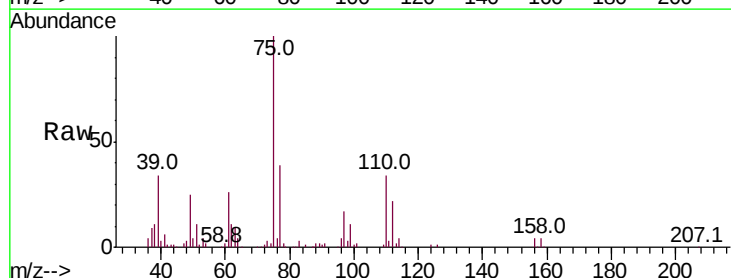
Acq: 15 Sep 2019 9:45

Tgt Ion: 75 Resp: 190491

Ion Ratio Lower Upper

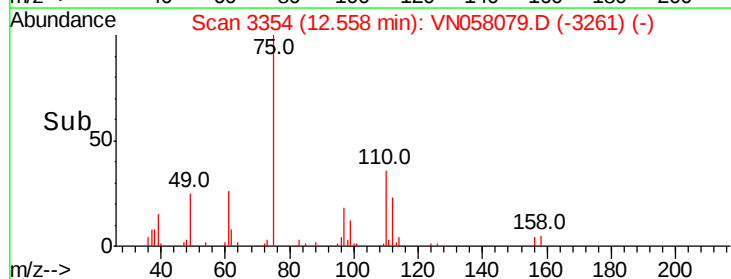
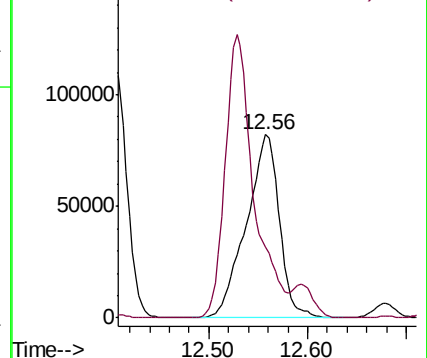
75 100

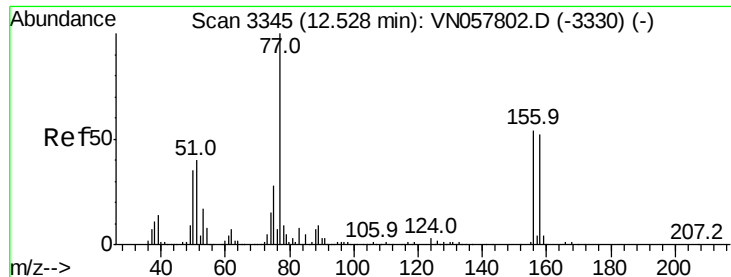
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058079.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058079.D (-3261) (-)





#77

Bromobenzene

Concen: 20.374 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampleId :

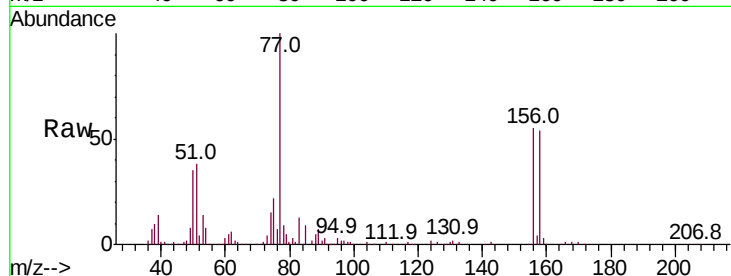
Tot Ion:156 Resp: 116334

Ion Ratio Lower Upper

156 100

77 222.4 113.7 341.1

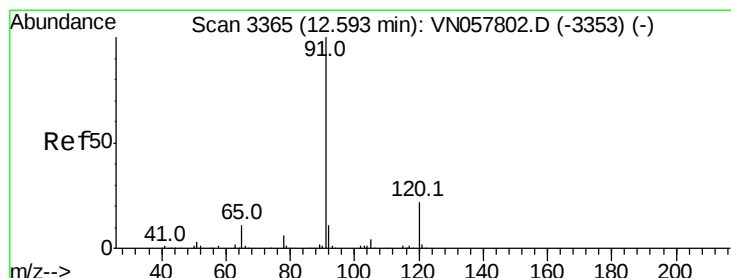
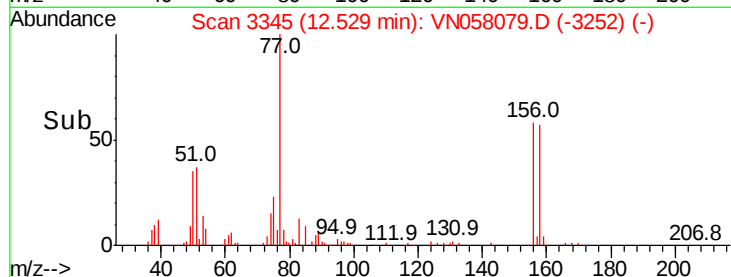
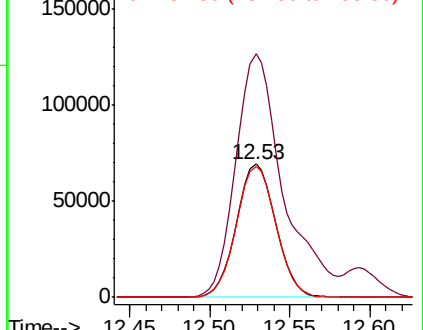
158 99.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.308 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058079.D

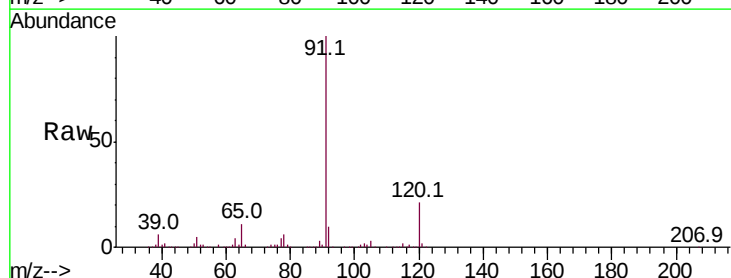
Acq: 15 Sep 2019 9:45

Tgt Ion: 91 Resp: 586672

Ion Ratio Lower Upper

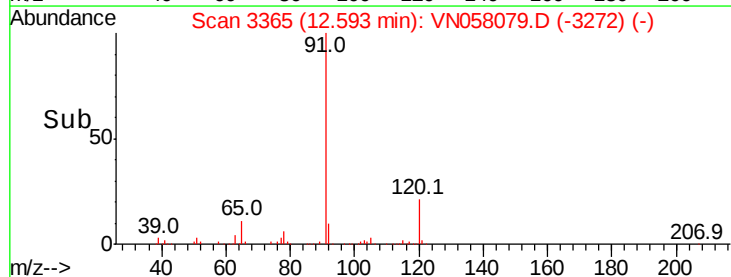
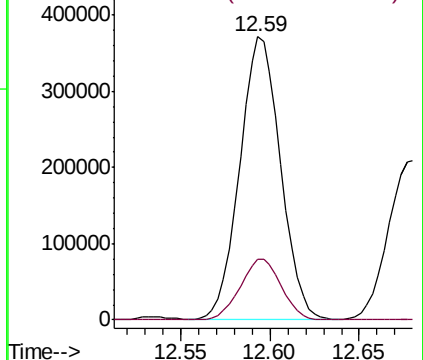
91 100

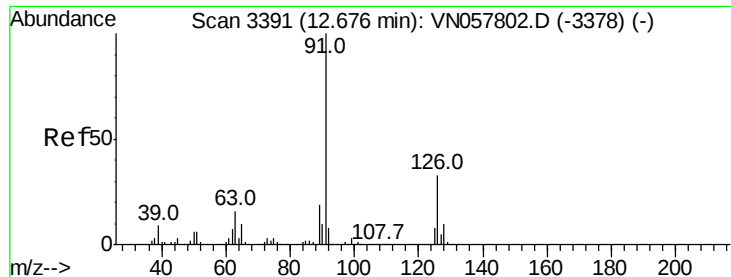
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.896 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

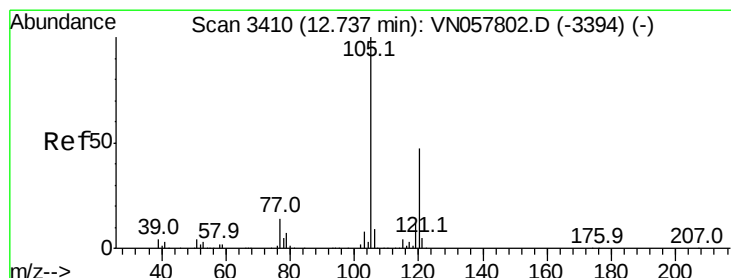
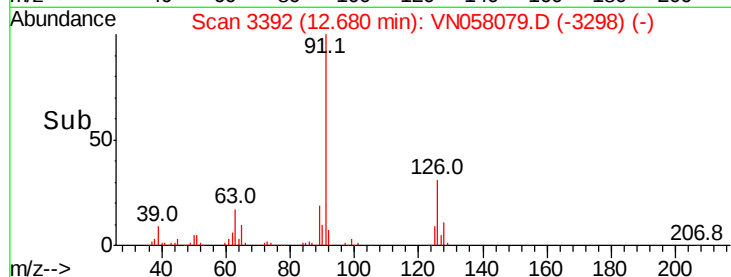
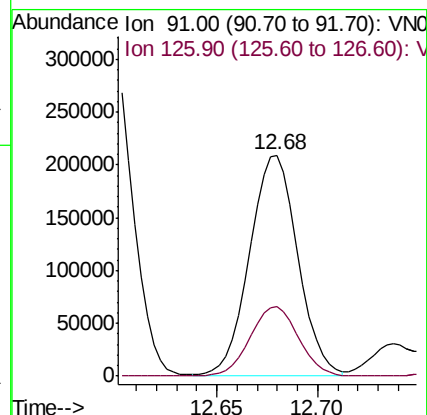
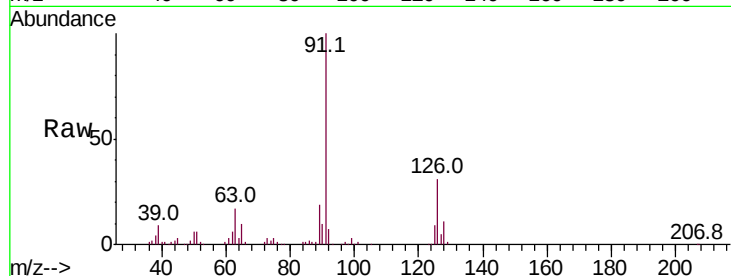
ClientSampled :

Tot Ion: 91 Resp: 347323

Ion Ratio Lower Upper

91 100

126 31.9 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 21.899 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058079.D

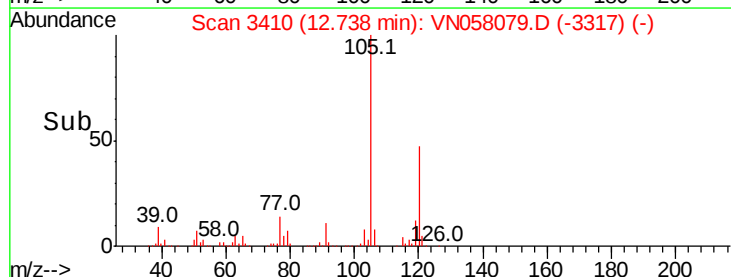
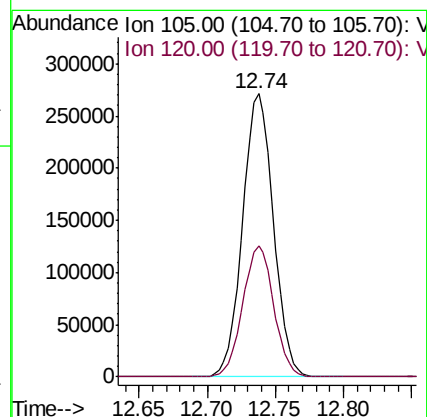
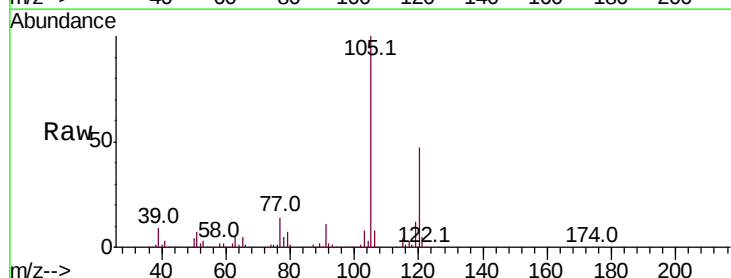
Acq: 15 Sep 2019 9:45

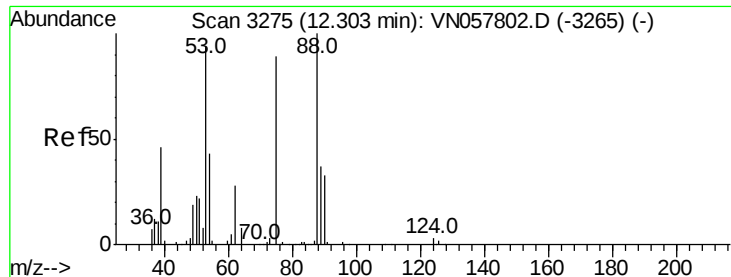
Tgt Ion: 105 Resp: 423752

Ion Ratio Lower Upper

105 100

120 46.7 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.932 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampleId :

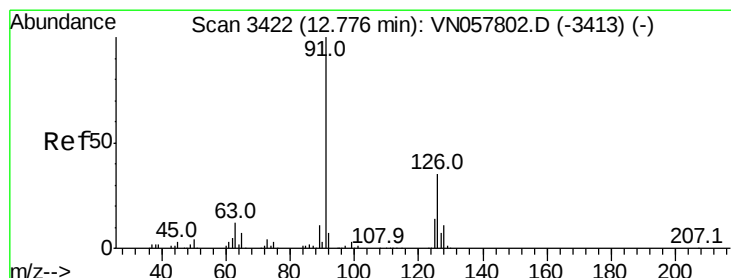
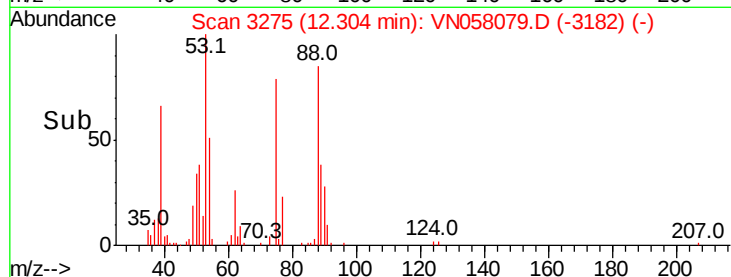
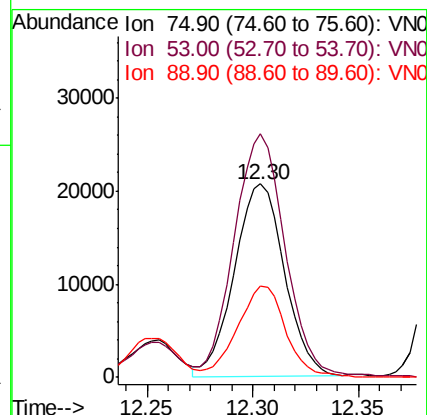
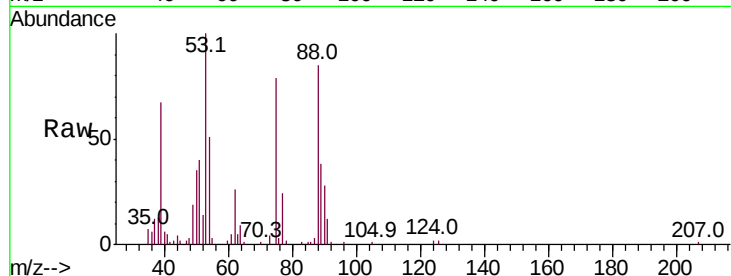
Tot Ion: 75 Resp: 34022

Ion Ratio Lower Upper

75 100

53 128.4 88.4 132.6

89 46.1 35.3 52.9



#82

4-Chlorotoluene

Concen: 20.896 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058079.D

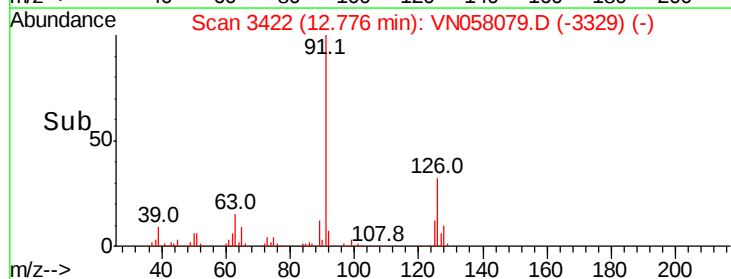
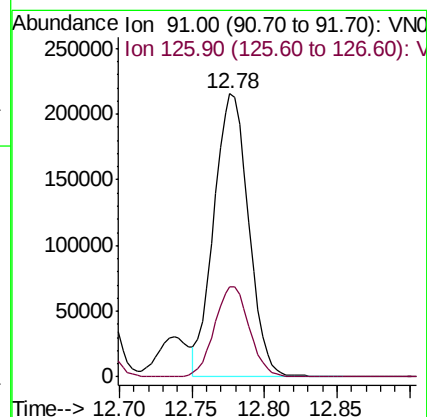
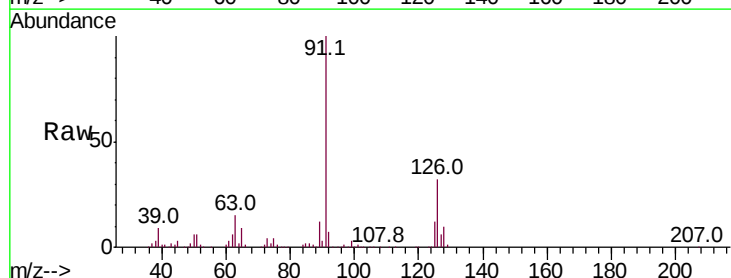
Acq: 15 Sep 2019 9:45

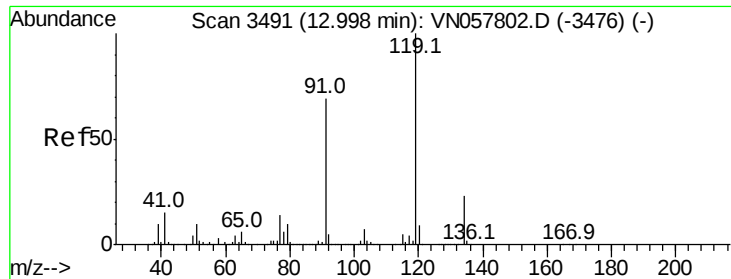
Tgt Ion: 91 Resp: 356666

Ion Ratio Lower Upper

91 100

126 32.0 16.0 48.0

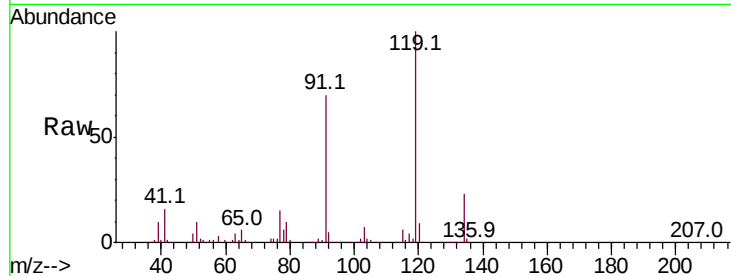




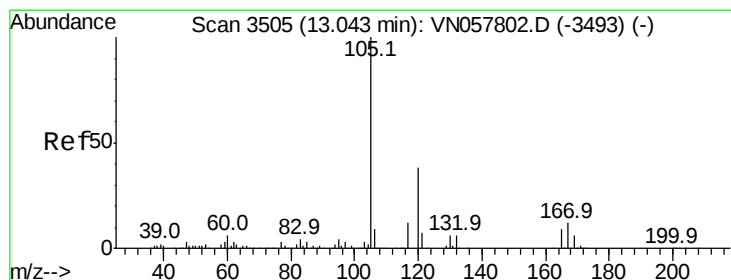
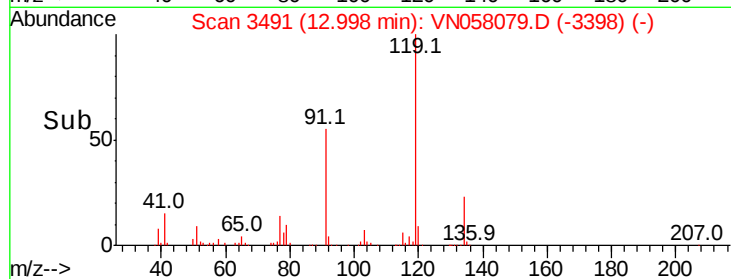
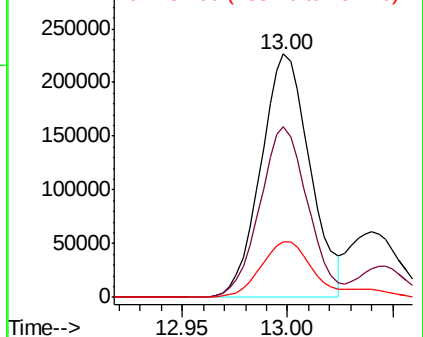
#83
tert-Butylbenzene
Concen: 21.357 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 367357
Ion Ratio Lower Upper
119 100
91 68.6 33.6 100.8
134 23.7 11.7 35.0

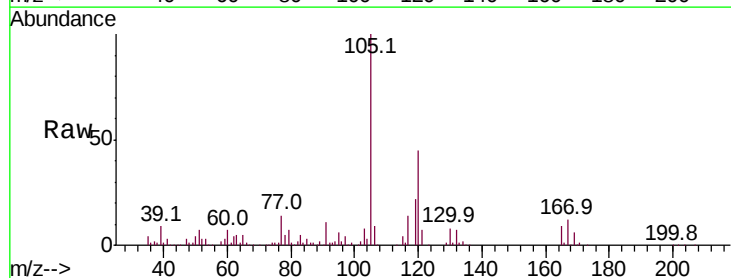


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

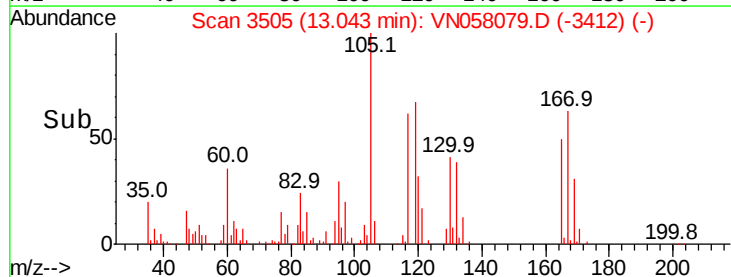
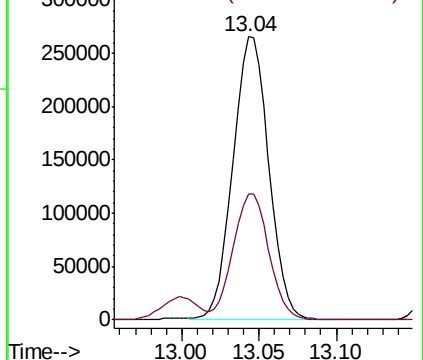


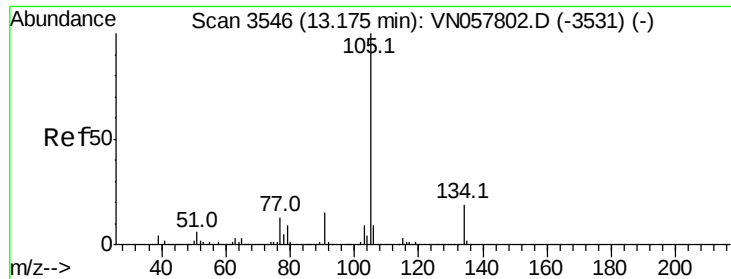
#84
1,2,4-Trimethylbenzene
Concen: 21.581 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN058079.D
Acq: 15 Sep 2019 9:45

Tgt Ion:105 Resp: 424426
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.2



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

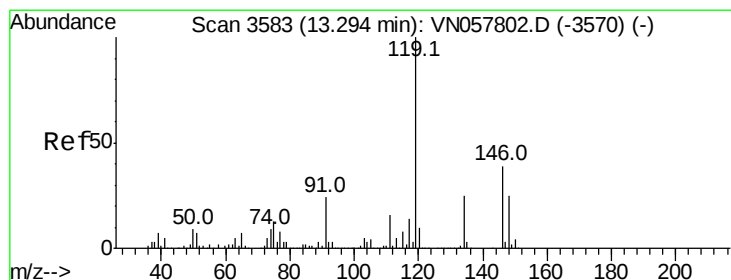
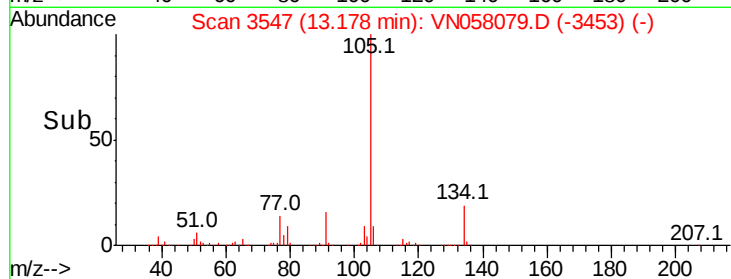
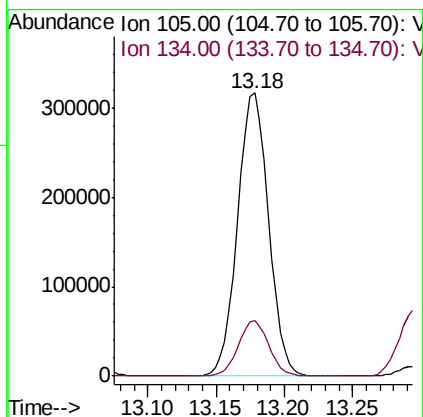
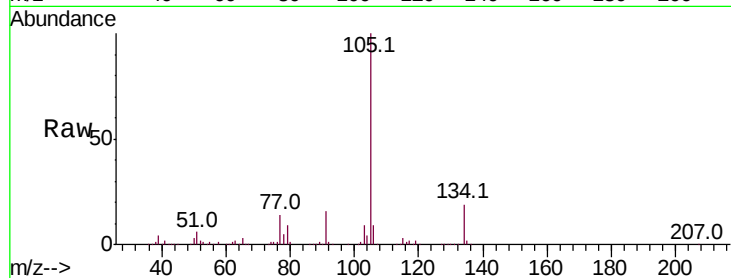




#85
 sec-Butylbenzene
 Concen: 21.881 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

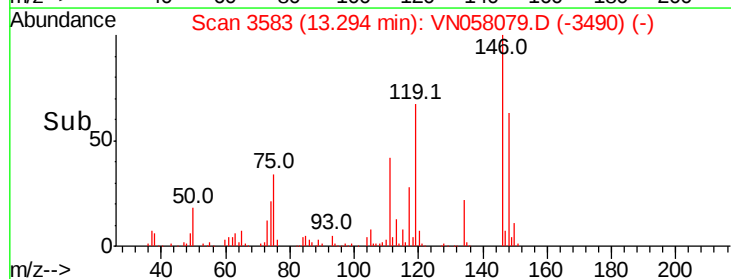
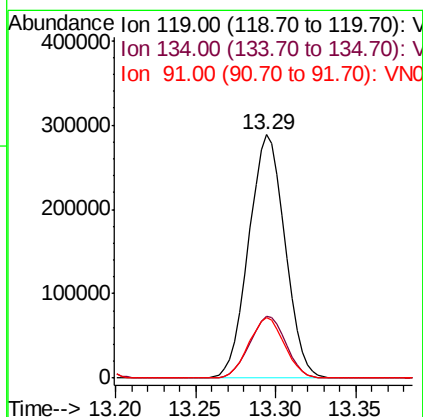
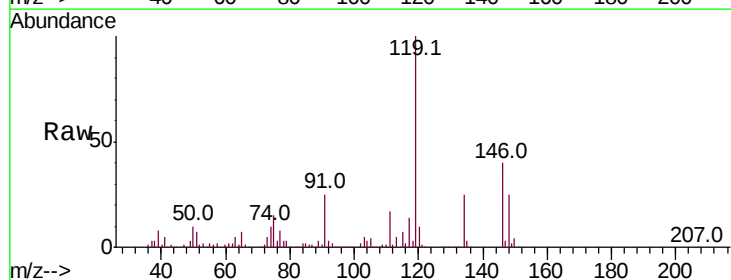
Instrument :
 MSVOA_N
 ClientSampleId :

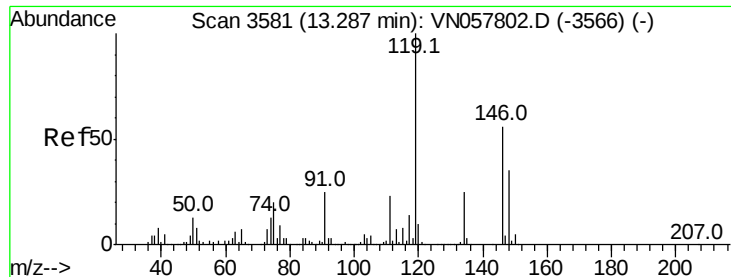
Tot Ion:105 Resp: 498862
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 22.246 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion:119 Resp: 446866
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.5 37.5
 91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.944 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

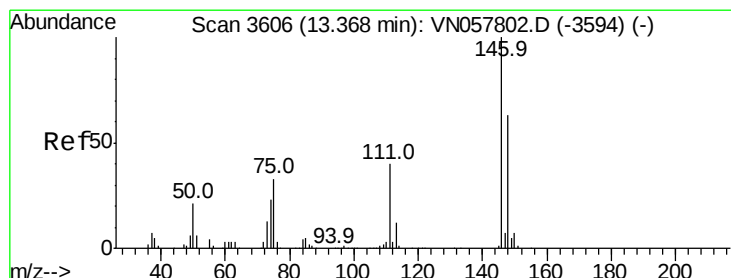
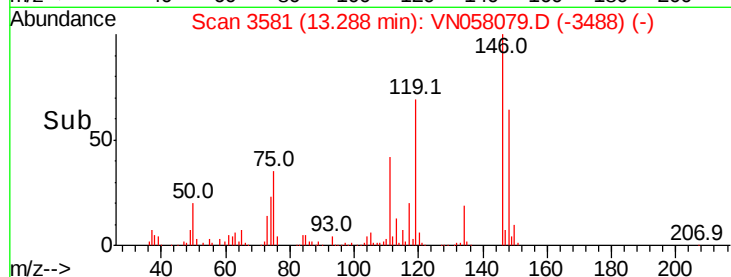
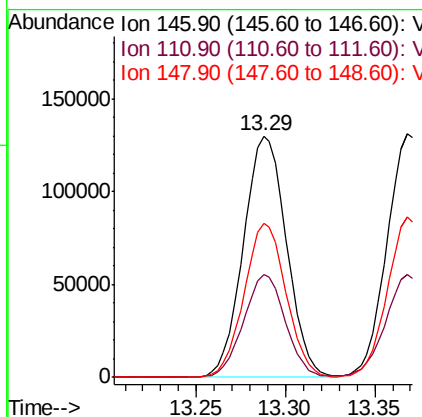
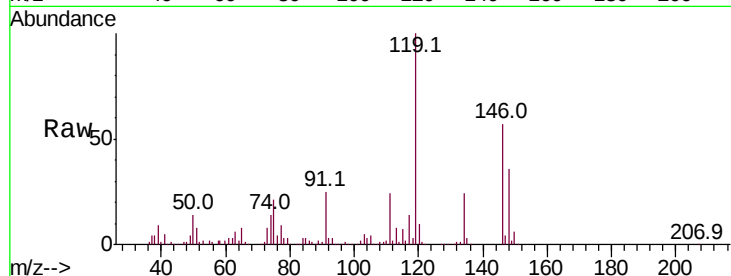
Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:146 Resp: 219505

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.6
148	62.0	31.5	94.5



#88

1,4-Dichlorobenzene

Concen: 20.539 ug/l

RT: 13.37 min Scan# 3606

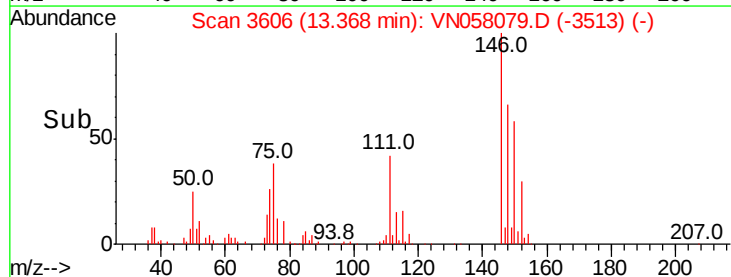
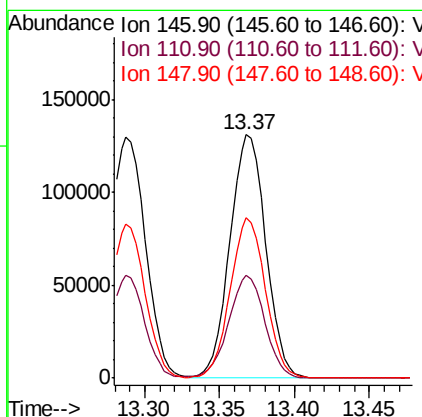
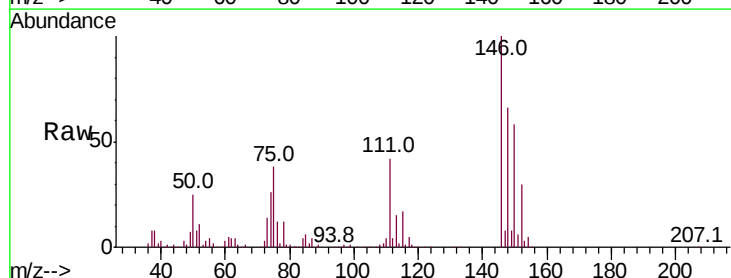
Delta R.T. 0.00 min

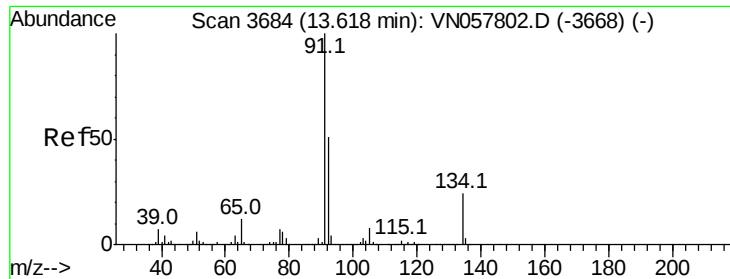
Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Tgt Ion:146 Resp: 218505

Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.4	61.2
148	64.5	31.8	95.4





#89

n-Butylbenzene

Concen: 21.588 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampleId :

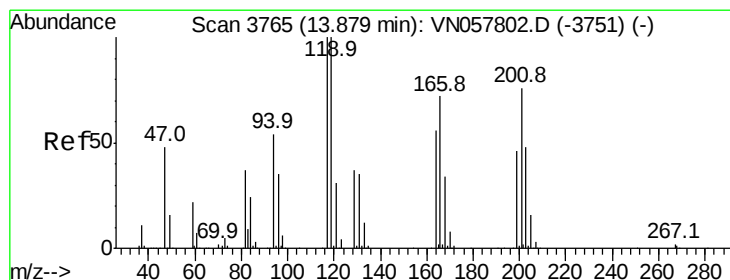
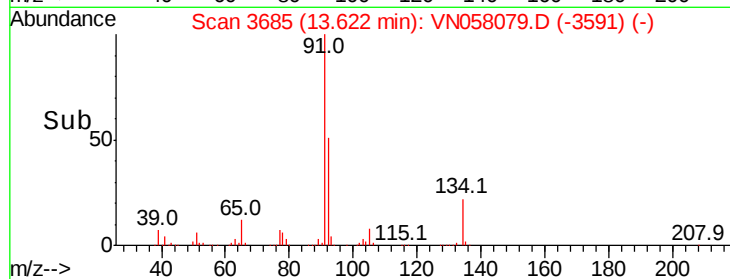
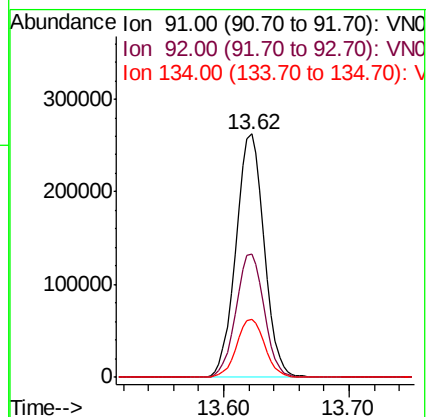
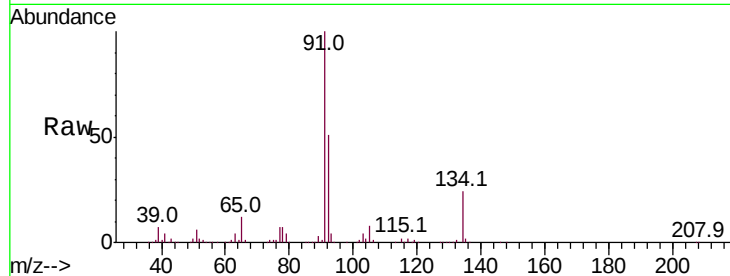
Tot Ion: 91 Resp: 409531

Ion Ratio Lower Upper

91 100

92 50.6 25.7 77.0

134 23.8 11.9 35.7



#90

Hexachloroethane

Concen: 20.958 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN058079.D

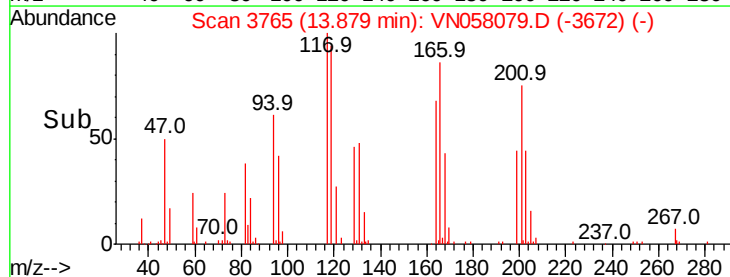
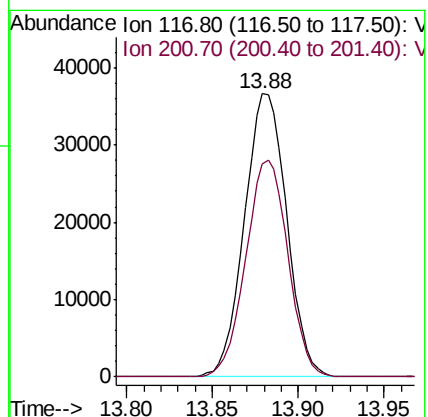
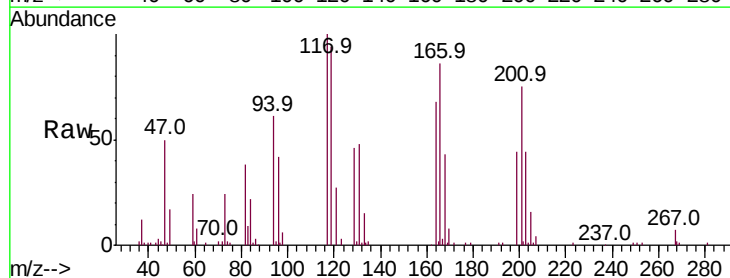
Acq: 15 Sep 2019 9:45

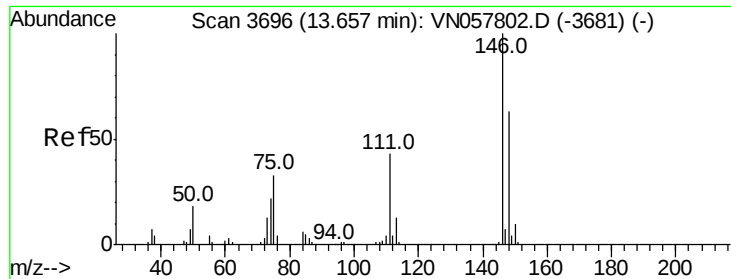
Tgt Ion: 117 Resp: 62610

Ion Ratio Lower Upper

117 100

201 76.1 37.5 112.7

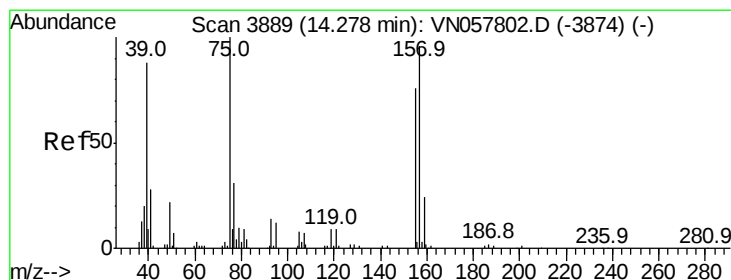
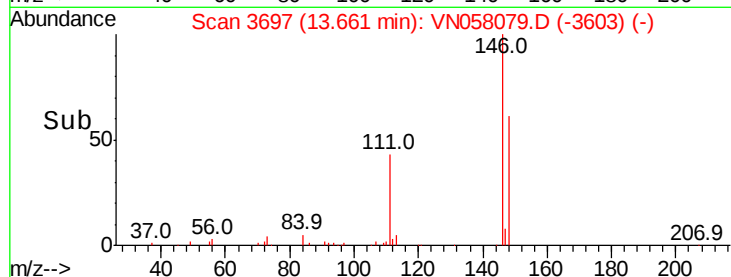
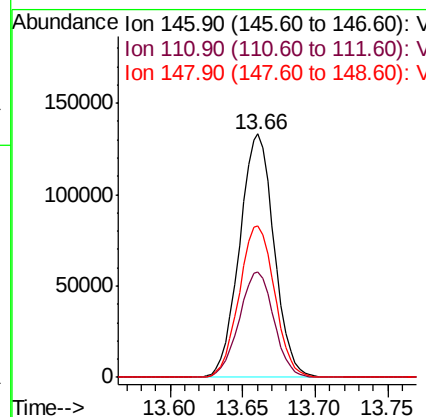
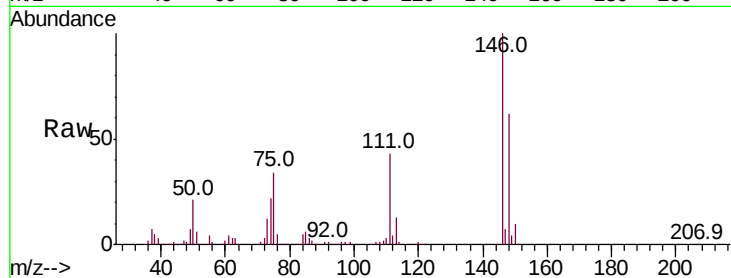




#91
 1,2-Dichlorobenzene
 Concen: 21.016 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

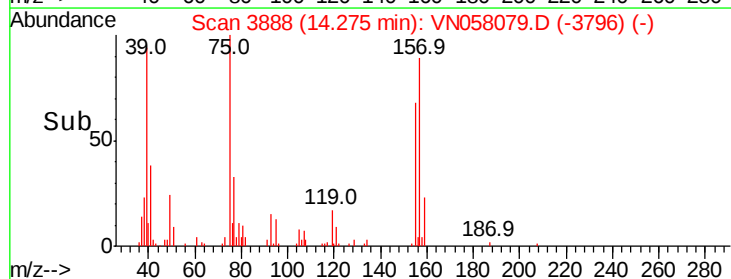
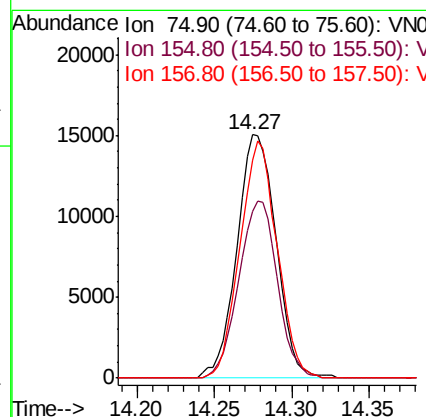
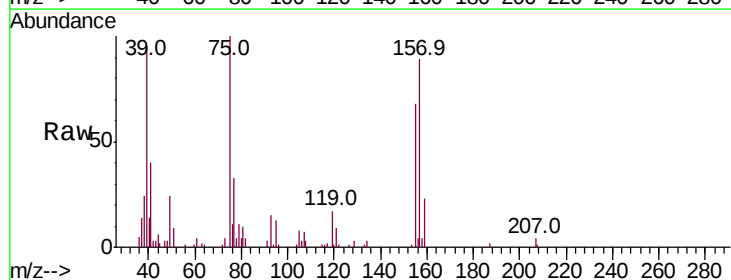
Instrument :
 MSVOA_N
 ClientSampleId :

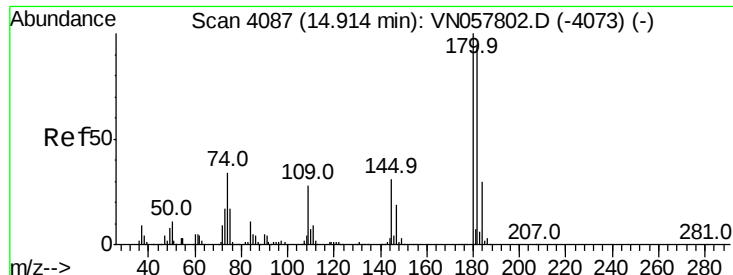
Tot Ion:146 Resp: 220052
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 63.9
 148 64.1 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.795 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion: 75 Resp: 26481
 Ion Ratio Lower Upper
 75 100
 155 71.7 37.3 111.8
 157 92.3 47.9 143.8

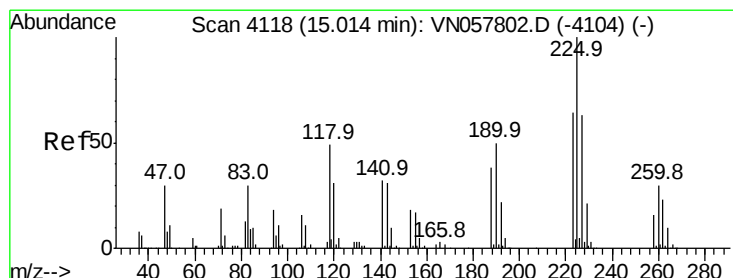
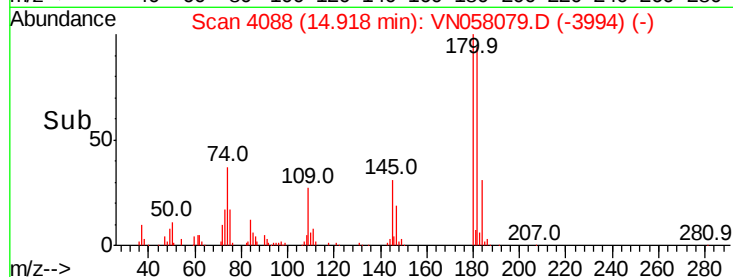
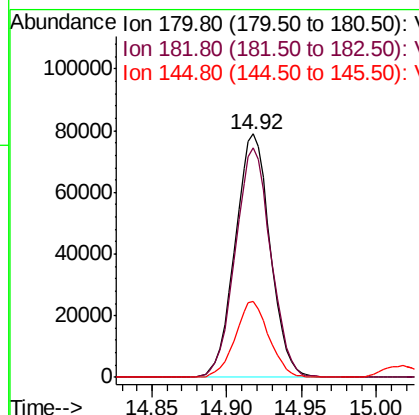
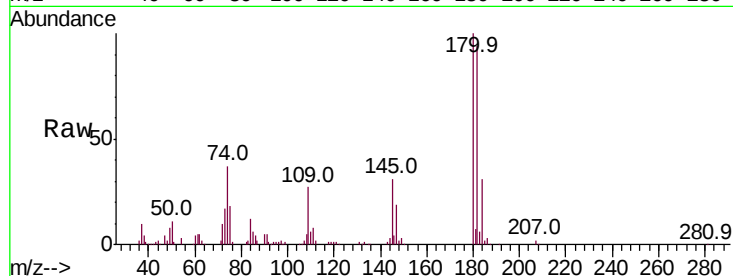




#93
 1,2,4-Trichlorobenzene
 Concen: 18.773 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

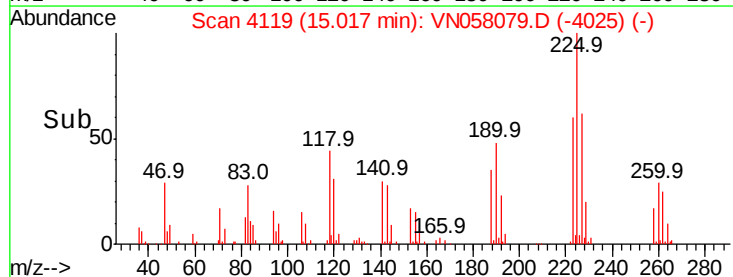
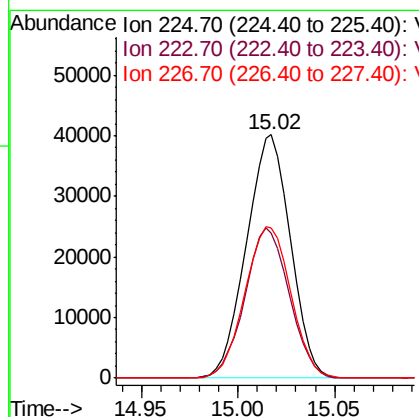
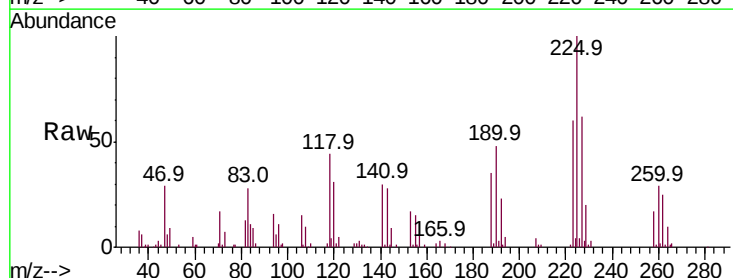
Instrument :
 MSVOA_N
 ClientSampled :

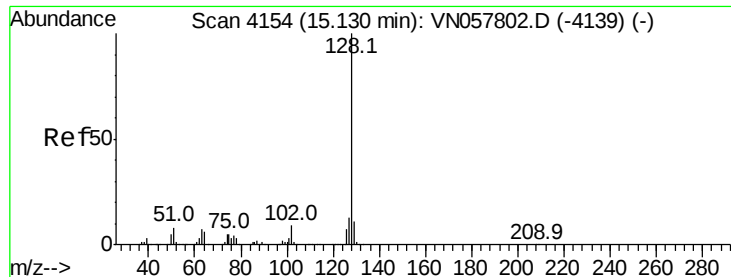
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.8
145	30.2	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 21.943 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058079.D
 Acq: 15 Sep 2019 9:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.4	97.2
227	64.7	31.8	95.4





#95

Naphthalene

Concen: 18.568 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

Instrument :

MSVOA_N

ClientSampled :

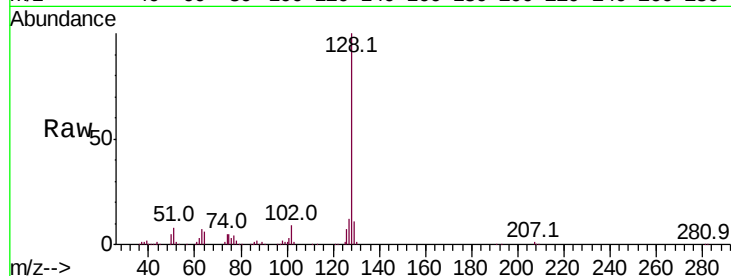
Tot Ion:128 Resp: 337871

Ion Ratio Lower Upper

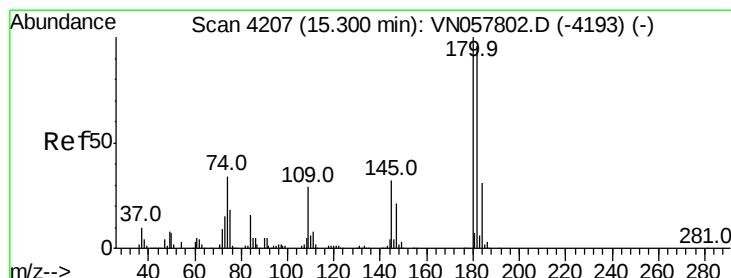
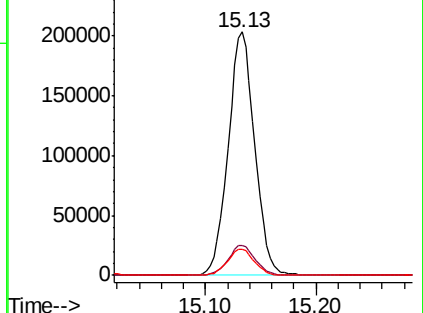
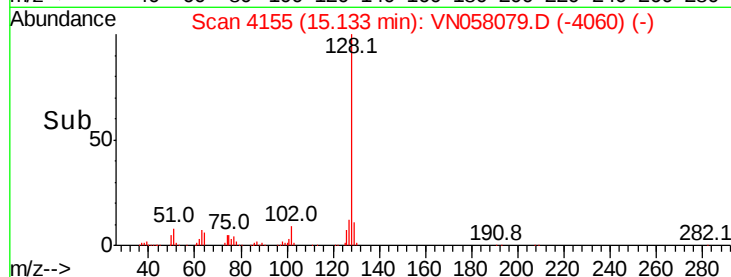
128 100

127 12.8 10.3 15.5

129 10.9 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: 20.955 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058079.D

Acq: 15 Sep 2019 9:45

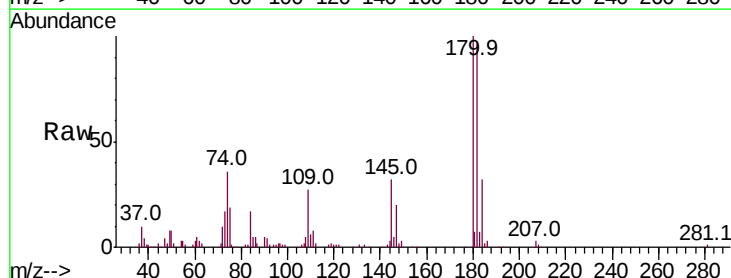
Tgt Ion:180 Resp: 121663

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.8

145 32.1 16.3 48.8



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

