

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059024.D
 Acq On : 31 Oct 2019 8:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:07:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	421773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	617616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	272880	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	7.57	113	208541	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.08	98	809264	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.40	95	313864	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	224098	42.615	ug/l	99
3) Chloromethane	2.04	50	288134	44.240	ug/l	99
4) Vinyl Chloride	2.17	62	295526	45.700	ug/l	99
5) Bromomethane	2.53	94	175374	43.307	ug/l	97
6) Chloroethane	2.68	64	182289	43.957	ug/l	97
7) Trichlorofluoromethane	3.00	101	368942	46.110	ug/l	97
8) Diethyl Ether	3.39	74	143976	52.069	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	214730	48.408	ug/l	97
10) Methyl Iodide	3.92	142	268772	46.069	ug/l	98
11) Tert butyl alcohol	4.75	59	255106	248.512	ug/l	99
12) 1,1-Dichloroethene	3.71	96	203308	48.897	ug/l	98
13) Acrolein	3.58	56	186295	264.122	ug/l	98
14) Allyl chloride	4.29	41	434390	51.630	ug/l	95
15) Acrylonitrile	4.95	53	682311	264.241	ug/l	99
16) Acetone	3.79	43	873933	285.904	ug/l	98
17) Carbon Disulfide	4.02	76	564088	42.116	ug/l	100
18) Methyl Acetate	4.29	43	365568	52.603	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	783185	53.793	ug/l	100
20) Methylene Chloride	4.52	84	251753	48.234	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	224515	48.895	ug/l	96
22) Diisopropyl ether	5.92	45	899266	54.644	ug/l	95
23) Vinyl Acetate	5.86	43	3653075	276.291	ug/l	99
24) 1,1-Dichloroethane	5.82	63	470947	49.353	ug/l	99
25) 2-Butanone	6.81	43	1050030	264.627	ug/l	99
26) 2,2-Dichloropropane	6.80	77	412620	49.991	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	270305	51.531	ug/l	98
28) Bromochloromethane	7.17	49	146636	46.141	ug/l	99
29) Tetrahydrofuran	7.18	42	621177	255.909	ug/l	99
30) Chloroform	7.35	83	461402	48.203	ug/l	99
31) Cyclohexane	7.63	56	410839	46.215	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	393287	48.746	ug/l	98
36) 1,1-Dichloropropene	7.77	75	341784	50.726	ug/l	99
37) Ethyl Acetate	6.90	43	392113	53.410	ug/l	99
38) Carbon Tetrachloride	7.75	117	345678	49.801	ug/l	99

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 ClientSampleId :

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	392562	51.888	ug/l	99
40) Benzene	8.02	78	1040270	52.578	ug/l	99
41) Methacrylonitrile	7.18	41	555712	169.953	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	377346	49.510	ug/l	99
43) Isopropyl Acetate	8.14	43	629592	53.472	ug/l	99
44) Trichloroethene	8.82	130	249475	51.762	ug/l	100
45) 1,2-Dichloropropane	9.10	63	290109	53.472	ug/l	98
46) Dibromomethane	9.19	93	174665	50.925	ug/l	97
47) Bromodichloromethane	9.39	83	372953	52.758	ug/l	99
48) Methyl methacrylate	9.18	41	295827	55.377	ug/l	96
49) 1,4-Dioxane	9.19	88	98204	1119.855	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1968771	286.271	ug/l	98
52) Toluene	10.15	92	644202	54.905	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	428979	54.817	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	454936	54.414	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	260657	53.928	ug/l	98
56) Ethyl methacrylate	10.42	69	417062	51.310	ug/l	95
57) 1,3-Dichloropropane	10.70	76	456092	53.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	825488	240.982	ug/l	99
59) 2-Hexanone	10.75	43	1537123	289.242	ug/l	97
60) Dibromochloromethane	10.90	129	284777	54.738	ug/l	99
61) 1,2-Dibromoethane	11.00	107	264764	53.526	ug/l	100
64) Tetrachloroethene	10.63	164	225756	52.193	ug/l	99
65) Chlorobenzene	11.43	112	684584	54.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	255625	53.874	ug/l	99
67) Ethyl Benzene	11.51	91	1258937	57.076	ug/l	98
68) m/p-Xylenes	11.62	106	927131	113.342	ug/l	100
69) o-Xylene	11.95	106	444593	56.988	ug/l	100
70) Styrene	11.96	104	755980	52.412	ug/l	99
71) Bromoform	12.13	173	208566	56.686	ug/l #	98
73) Isopropylbenzene	12.25	105	1227187	54.185	ug/l	98
74) N-amyl acetate	12.07	43	559799	54.520	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	404033	50.735	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	536898	74.752	ug/l #	100
77) Bromobenzene	12.53	156	293601	52.594	ug/l	97
78) n-propylbenzene	12.59	91	1461317	54.585	ug/l	99
79) 2-Chlorotoluene	12.68	91	856771	52.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1051923	55.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	148025	53.689	ug/l	94
82) 4-Chlorotoluene	12.78	91	895888	53.504	ug/l	100
83) tert-Butylbenzene	13.00	119	898134	55.195	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1050123	55.950	ug/l	99
85) sec-Butylbenzene	13.17	105	1209836	55.766	ug/l	99
86) p-Isopropyltoluene	13.29	119	1104825	57.716	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	536243	53.722	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	529358	52.969	ug/l	99
89) n-Butylbenzene	13.62	91	996298	56.658	ug/l	99
90) Hexachloroethane	13.88	117	200147	51.599	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	520818	53.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	82916	46.034	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

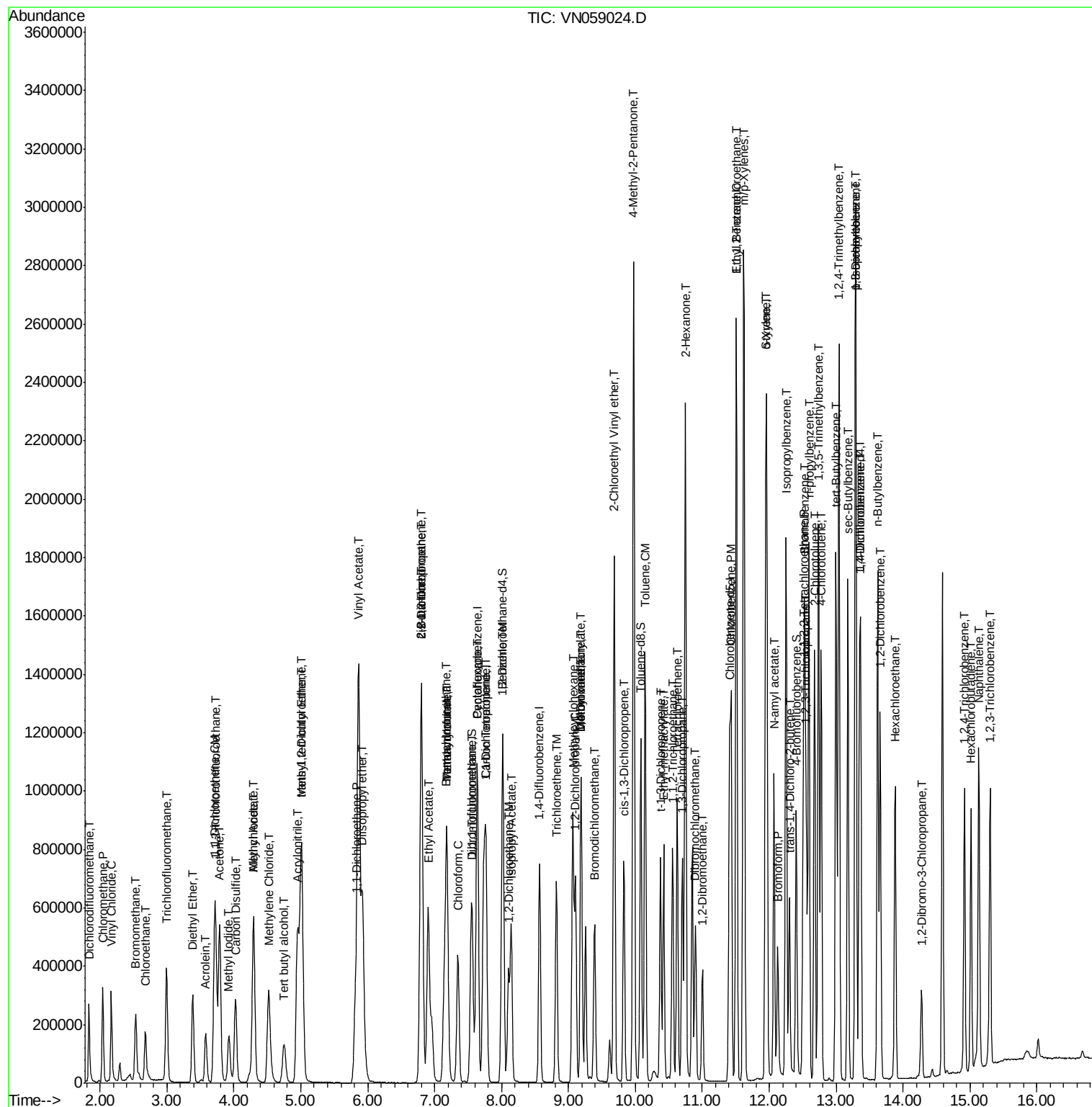
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	310148	50.207	ug/l	99
94) Hexachlorobutadiene	15.02	225	173484	54.557	ug/l	100
95) Naphthalene	15.13	128	839596	47.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	299527	49.825	ug/l	100

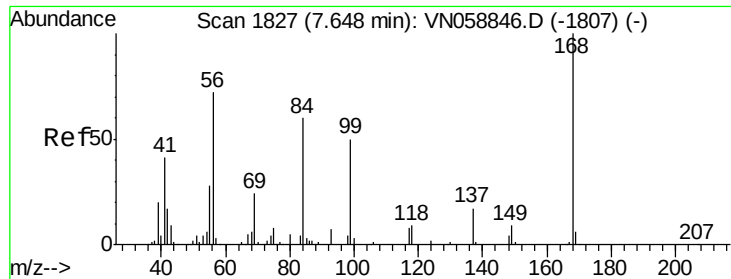
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059024.D
 Acq On : 31 Oct 2019 8:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :

Quant Time: Nov 01 01:07:02 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

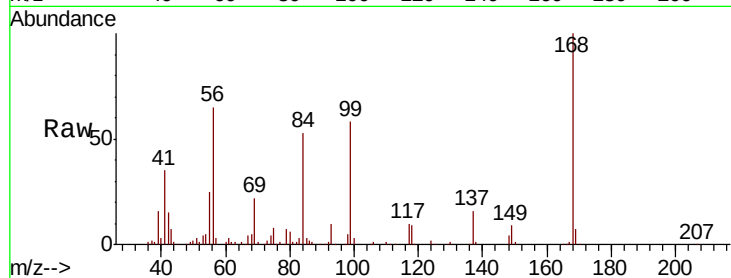
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 421773

Ion Ratio Lower Upper

168 100

99 57.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

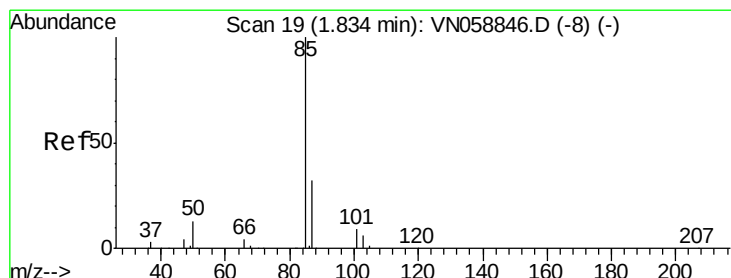
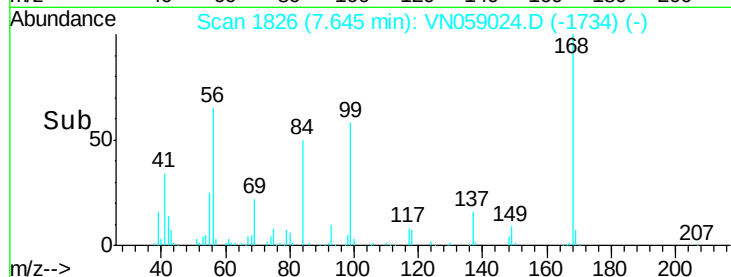
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.615 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059024.D

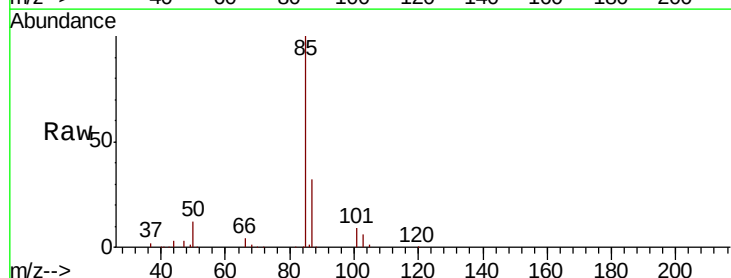
Acq: 31 Oct 2019 8:56

Tgt Ion: 85 Resp: 224098

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

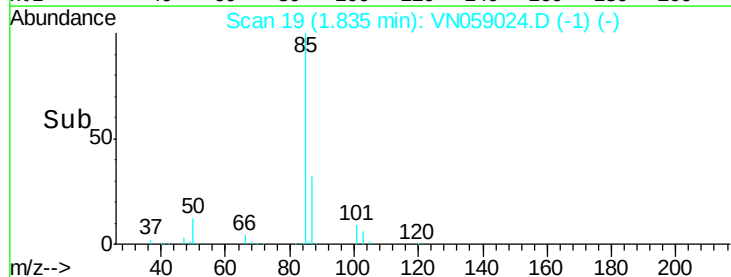
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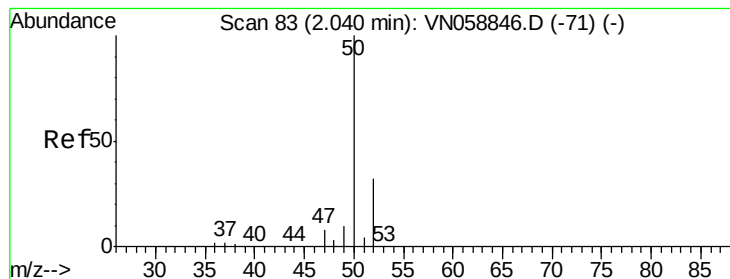
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.240 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

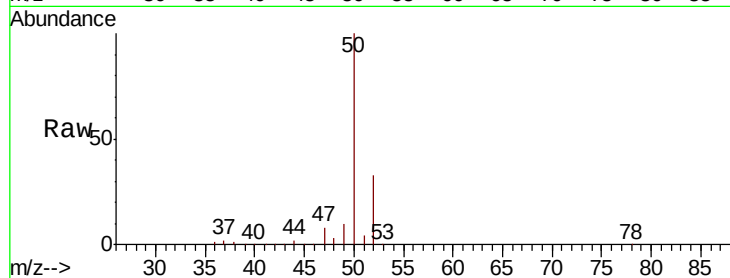
ClientSampled :

Tot Ion: 50 Resp: 288134

Ion Ratio Lower Upper

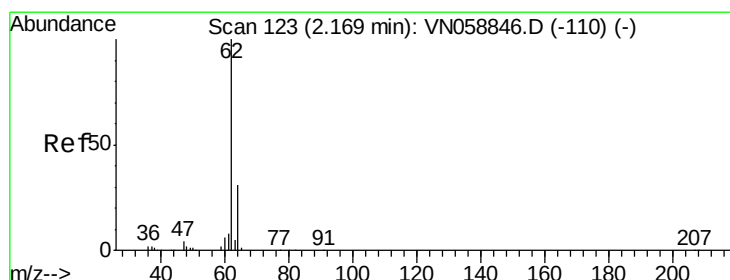
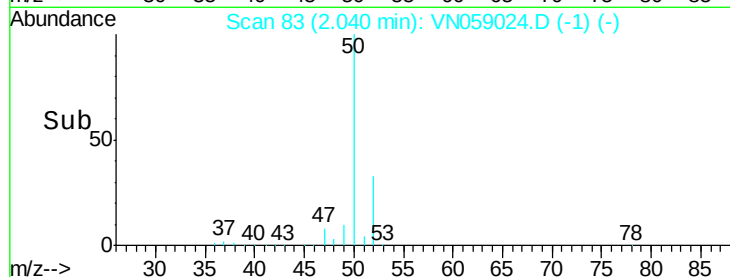
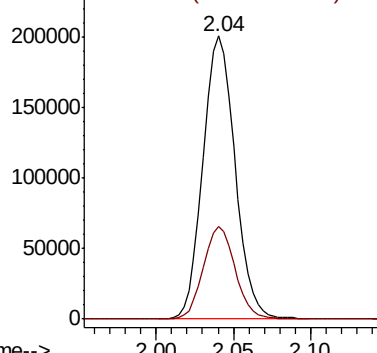
50 100

52 32.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.700 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059024.D

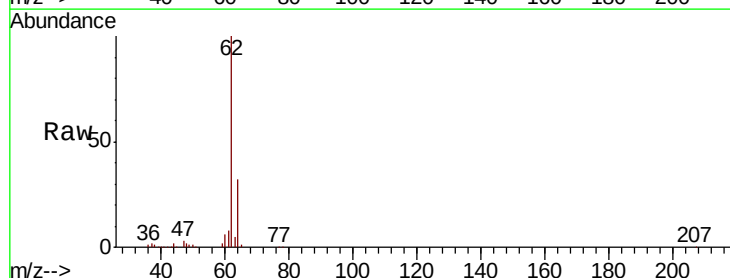
Acq: 31 Oct 2019 8:56

Tgt Ion: 62 Resp: 295526

Ion Ratio Lower Upper

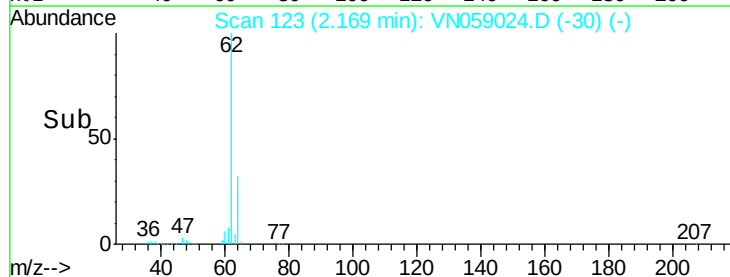
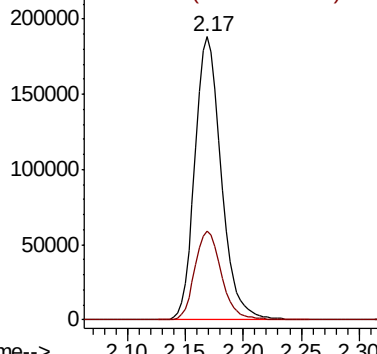
62 100

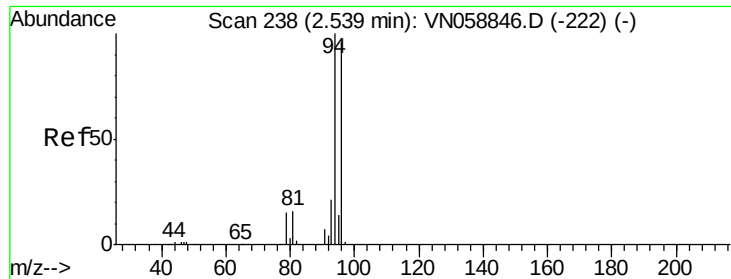
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.307 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

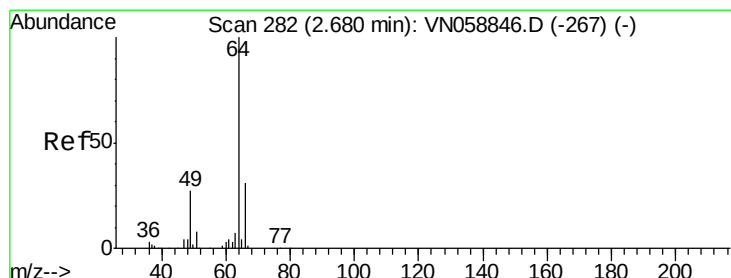
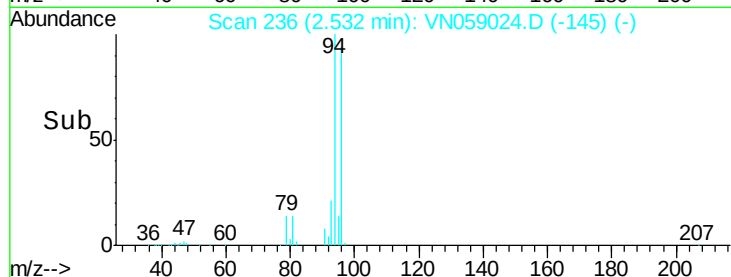
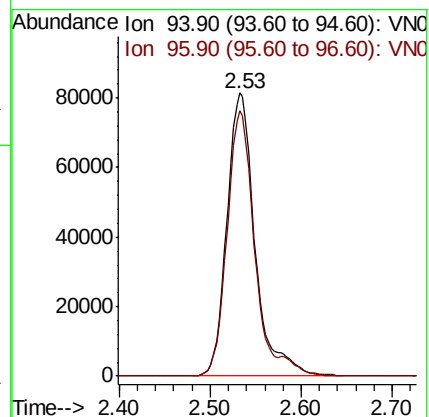
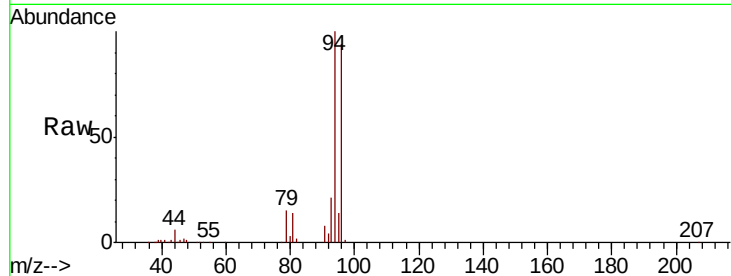
ClientSampleId :

Tot Ion: 94 Resp: 175374

Ion Ratio Lower Upper

94 100

96 93.8 77.0 115.6



#6

Chloroethane

Concen: 43.957 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059024.D

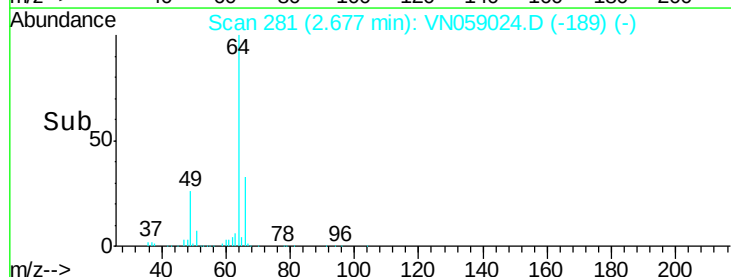
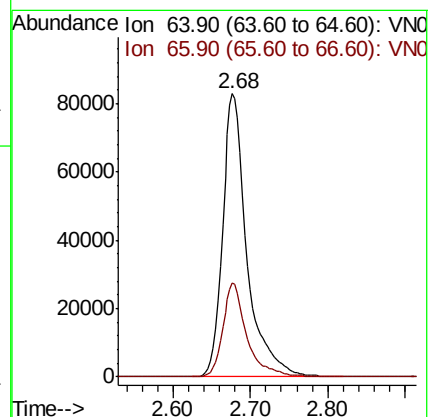
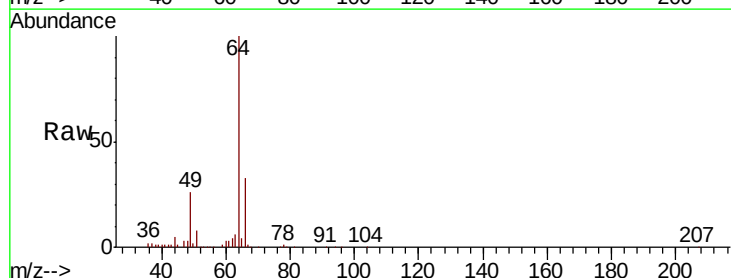
Acq: 31 Oct 2019 8:56

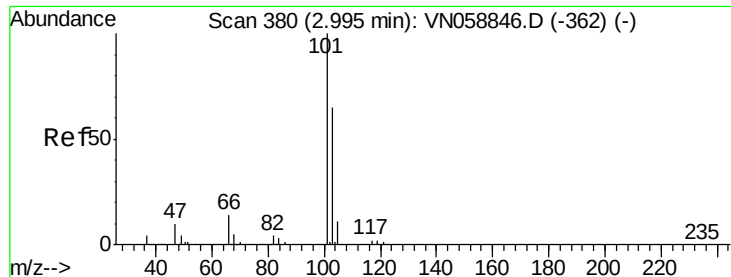
Tgt Ion: 64 Resp: 182289

Ion Ratio Lower Upper

64 100

66 33.0 25.0 37.4



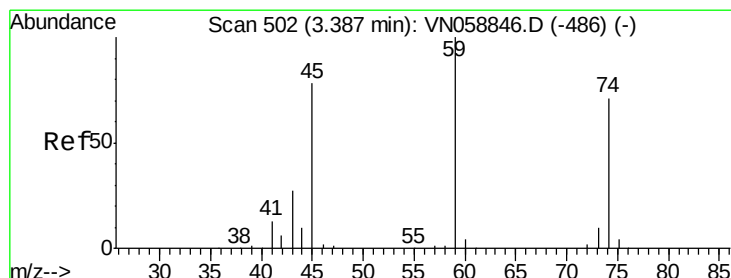
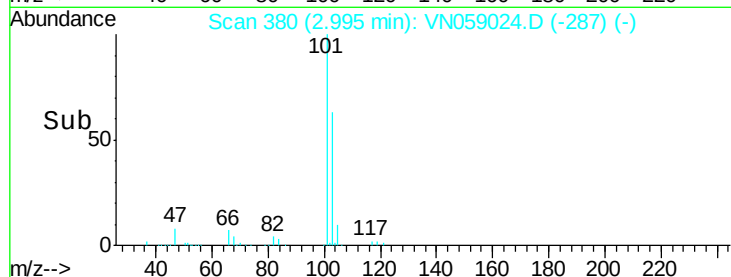
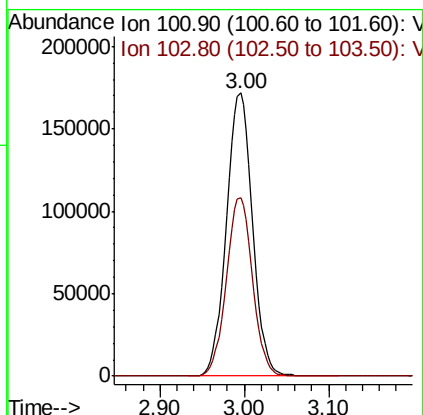
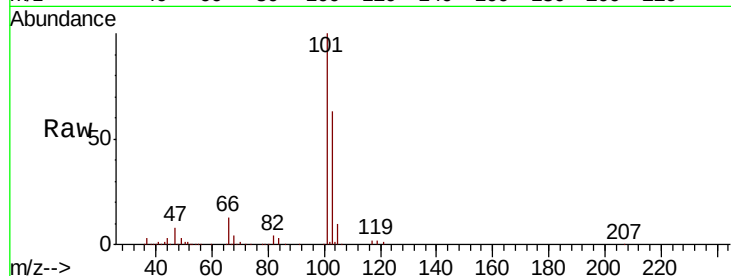


#7

Trichlorofluoromethane
Concen: 46.110 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :

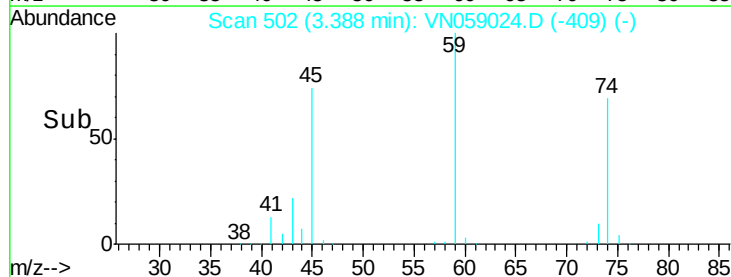
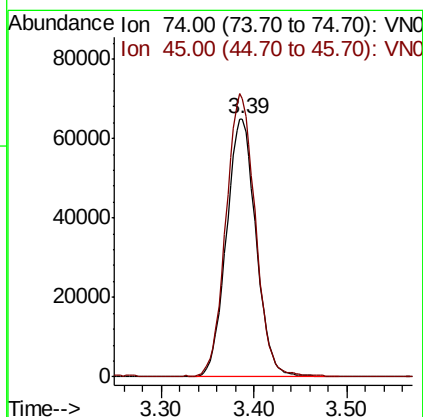
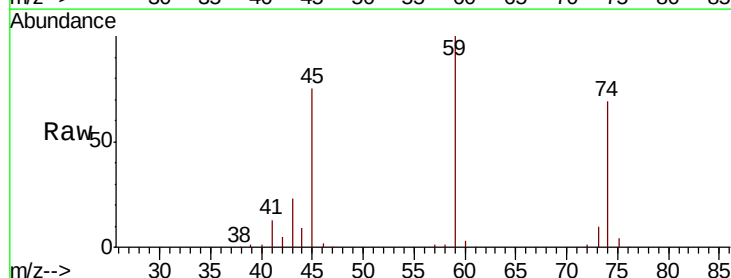
Tot Ion:101 Resp: 368942
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.2

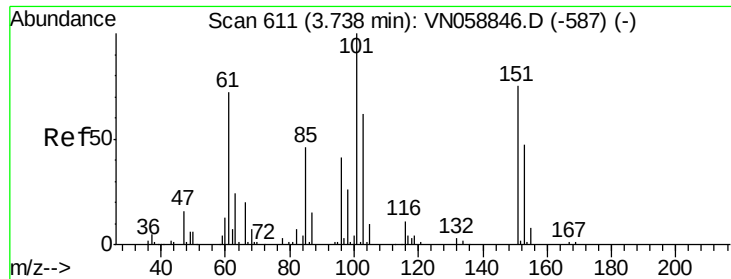


#8

Diethyl Ether
Concen: 52.069 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 74 Resp: 143976
Ion Ratio Lower Upper
74 100
45 108.0 54.9 164.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.408 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampled :

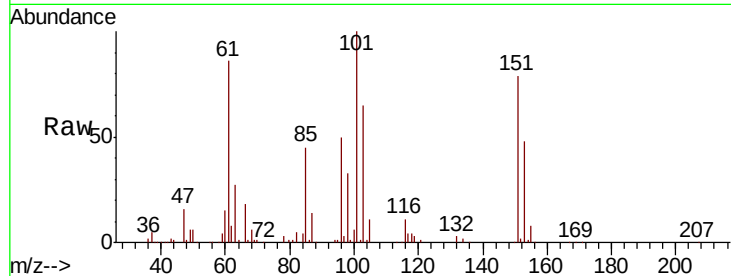
Tot Ion:101 Resp: 214730

Ion Ratio Lower Upper

101 100

85 45.1 37.2 55.8

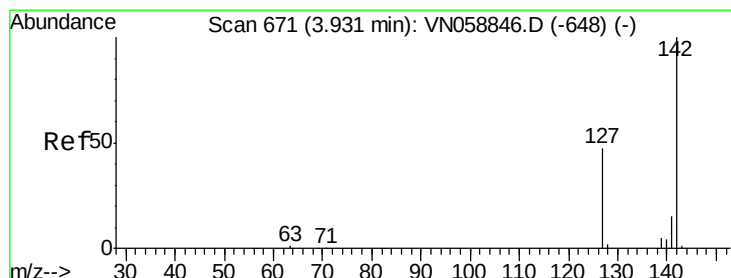
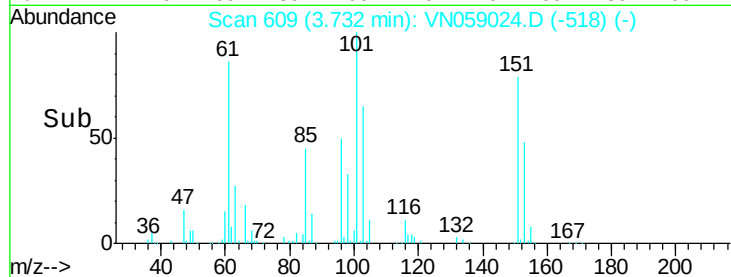
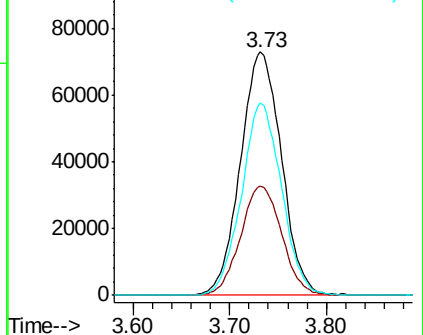
151 77.3 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.069 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

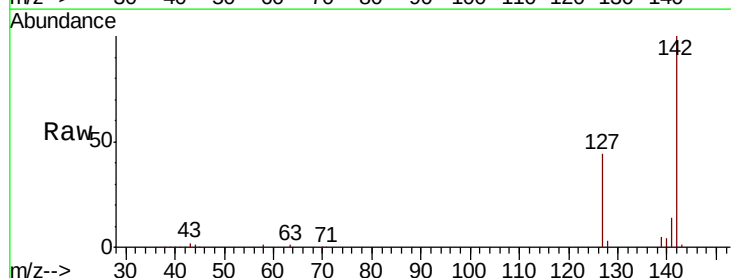
Tgt Ion:142 Resp: 268772

Ion Ratio Lower Upper

142 100

127 44.0 36.6 54.8

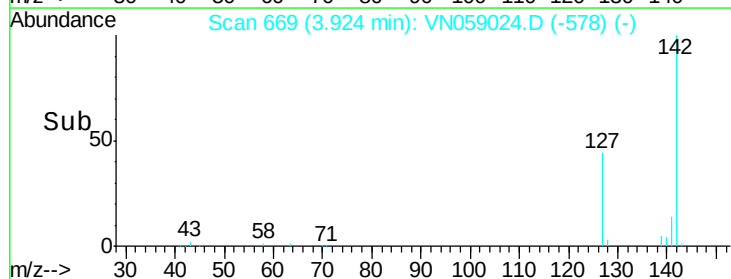
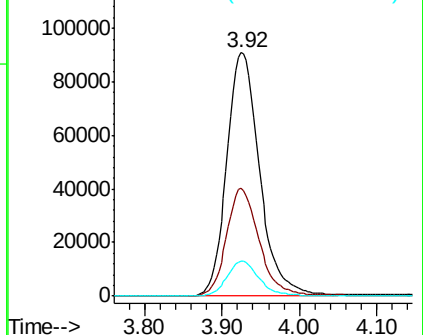
141 14.0 11.4 17.2

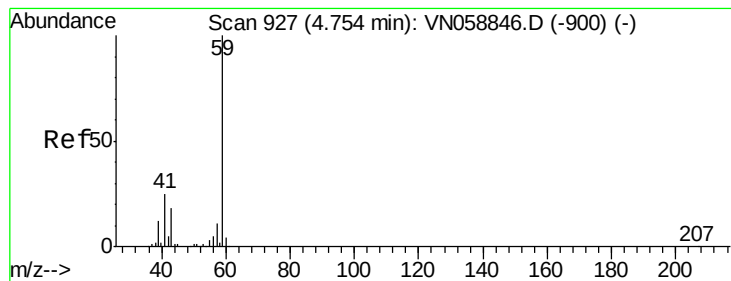


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 248.512 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

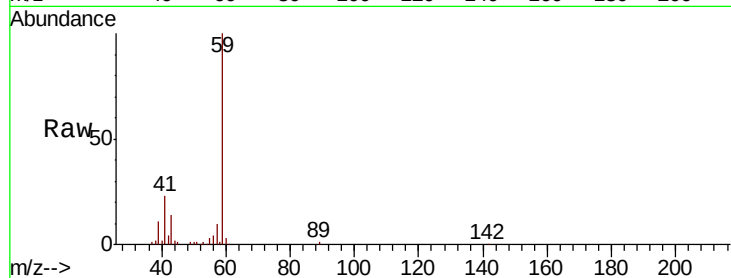
ClientSampled :

Tot Ion: 59 Resp: 255106

Ion Ratio Lower Upper

59 100

57 10.2 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

80000

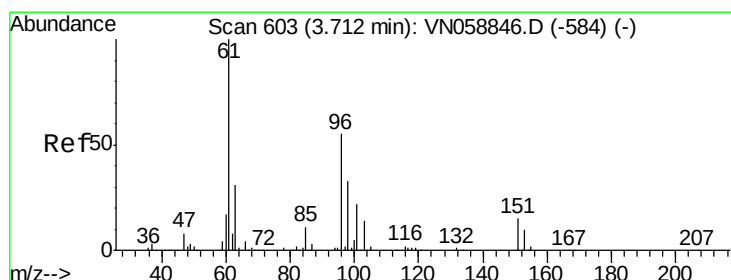
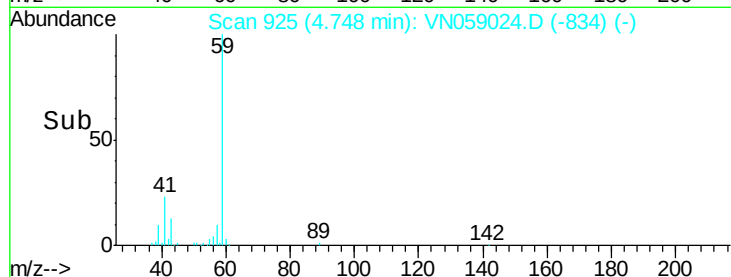
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 48.897 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

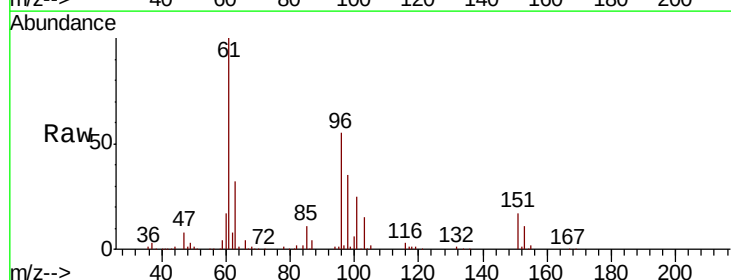
Tgt Ion: 96 Resp: 203308

Ion Ratio Lower Upper

96 100

61 181.2 146.2 219.2

98 63.0 48.7 73.1



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

200000

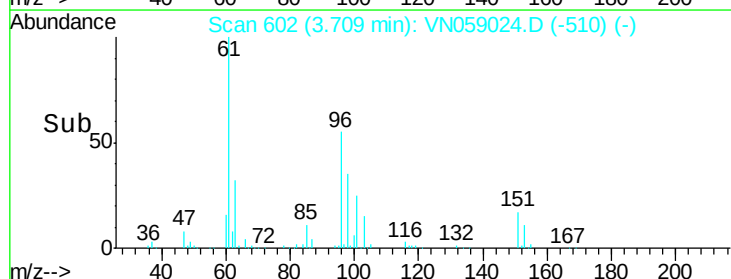
150000

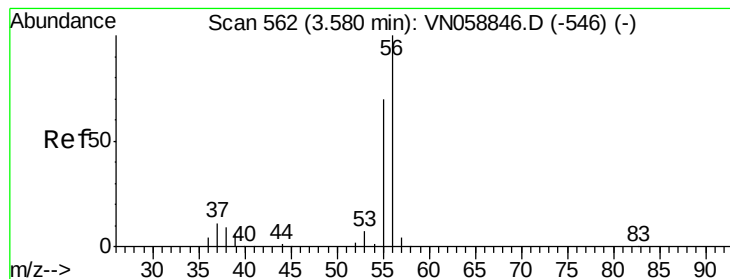
100000

50000

0

Time-->





#13

Acrolein

Concen: 264.122 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

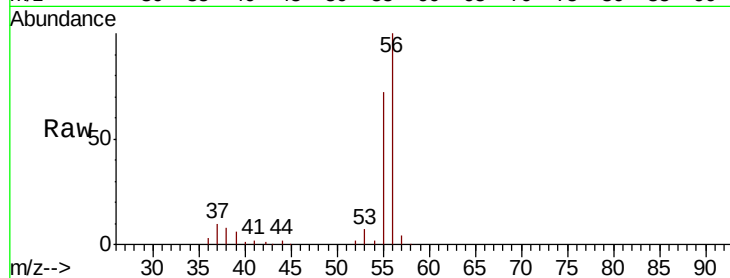
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 186295

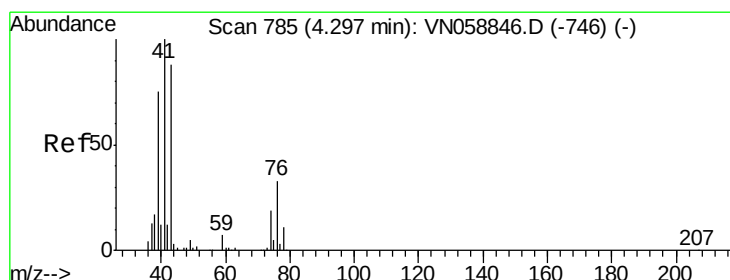
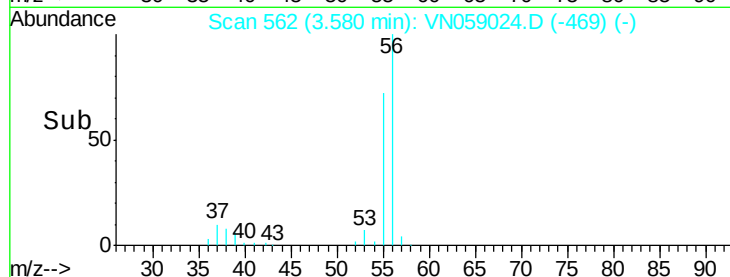
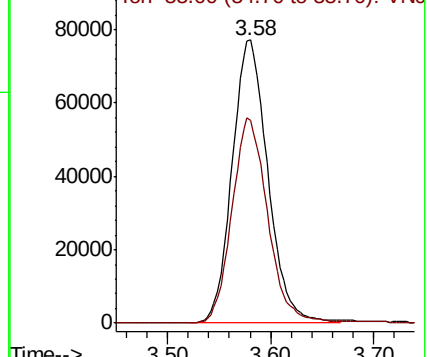
Ion Ratio Lower Upper

56 100

55 72.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 51.630 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

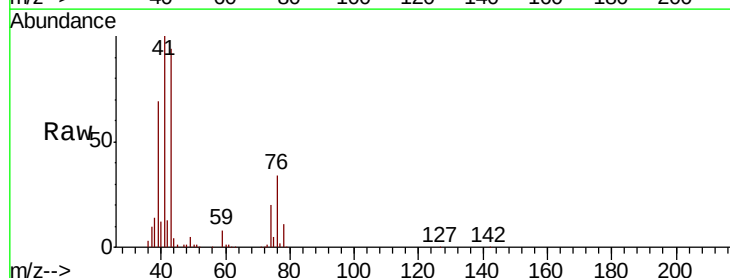
Tgt Ion: 41 Resp: 434390

Ion Ratio Lower Upper

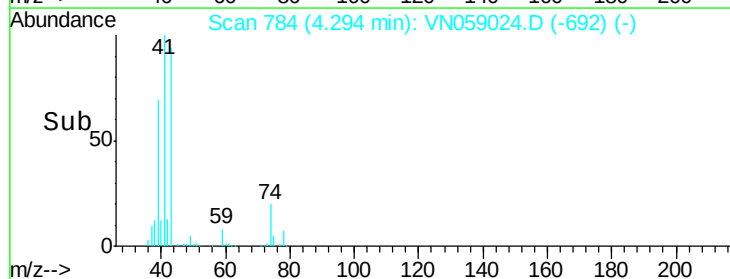
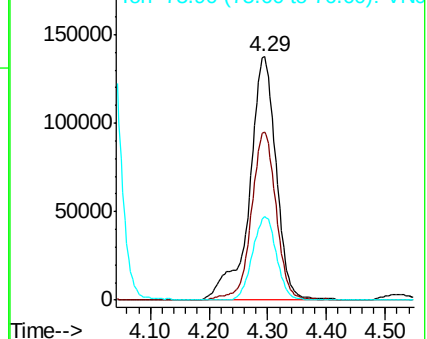
41 100

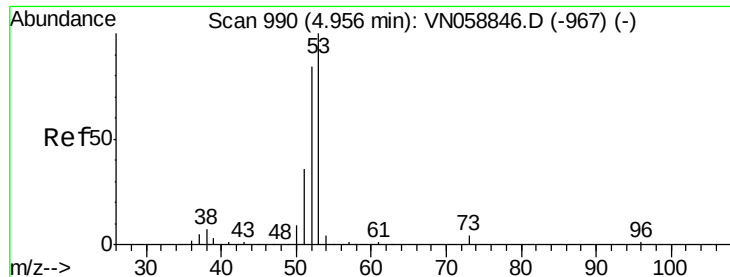
39 63.7 55.9 83.9

76 30.2 24.1 36.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 264.241 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampled :

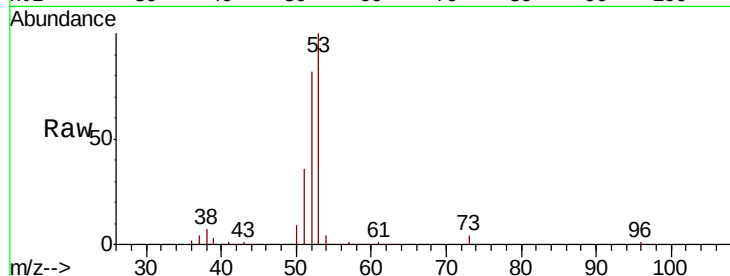
Tot Ion: 53 Resp: 682311

Ion Ratio Lower Upper

53 100

52 82.2 66.6 99.8

51 35.9 29.2 43.8

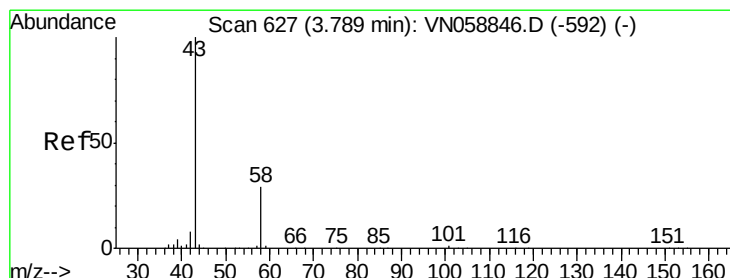
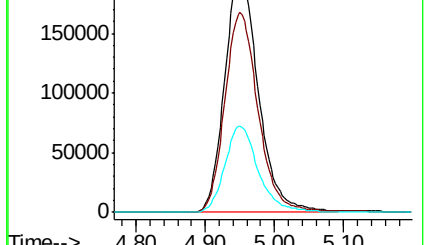
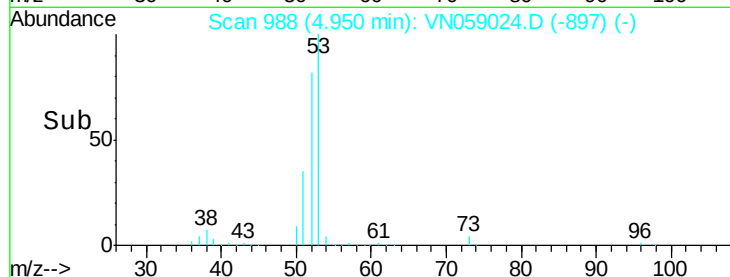


Abundance Ion 53.00 (52.70 to 53.70): VN058846.D (-967) (-)

Ion 52.00 (51.70 to 52.70): VN058846.D (-967) (-)

Ion 51.00 (50.70 to 51.70): VN058846.D (-967) (-)

Time-->



#16

Acetone

Concen: 285.904 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059024.D

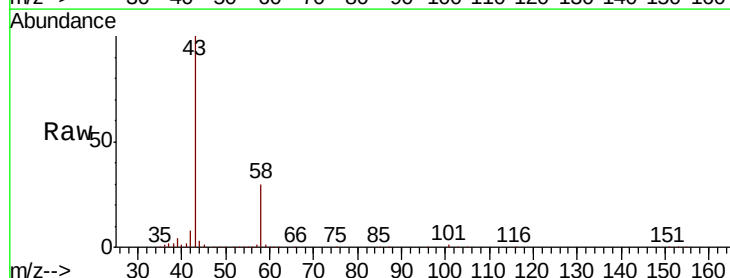
Acq: 31 Oct 2019 8:56

Tgt Ion: 43 Resp: 873933

Ion Ratio Lower Upper

43 100

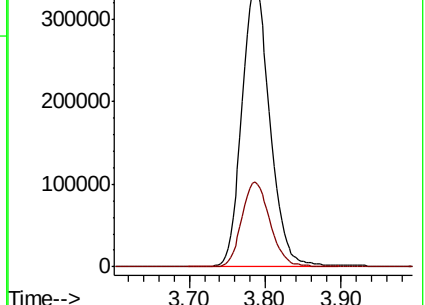
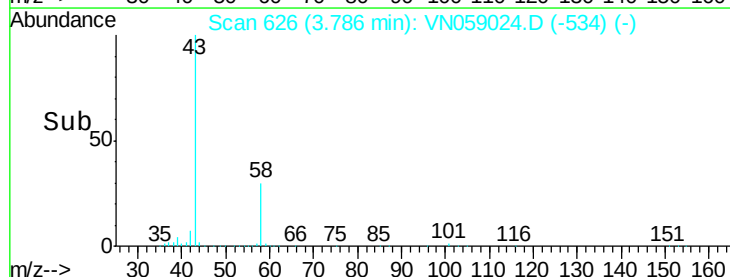
58 29.9 23.1 34.7

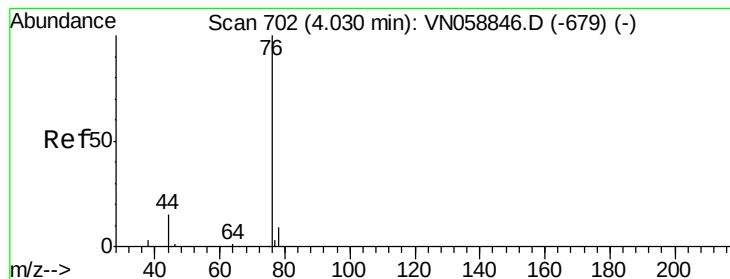


Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

Time-->





#17

Carbon Disulfide

Concen: 42.116 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

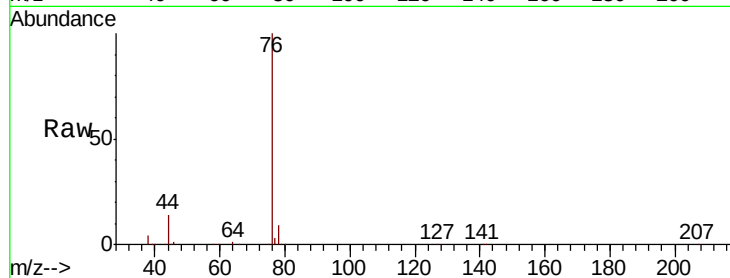
ClientSampleId :

Tot Ion: 76 Resp: 564088

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN058846.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN058846.D (-679) (-)

4.02

250000

200000

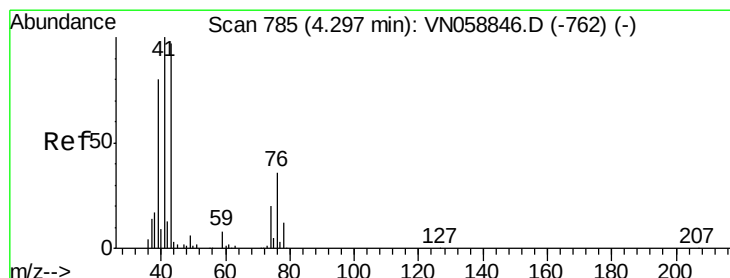
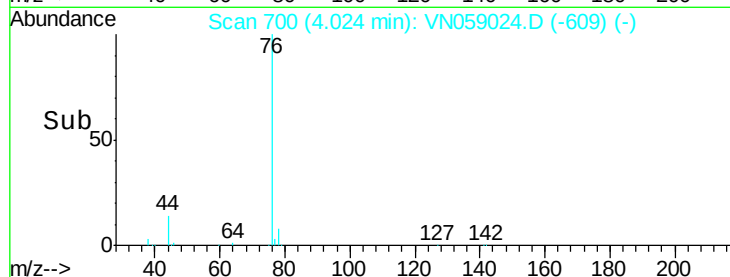
150000

100000

50000

0

Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 52.603 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059024.D

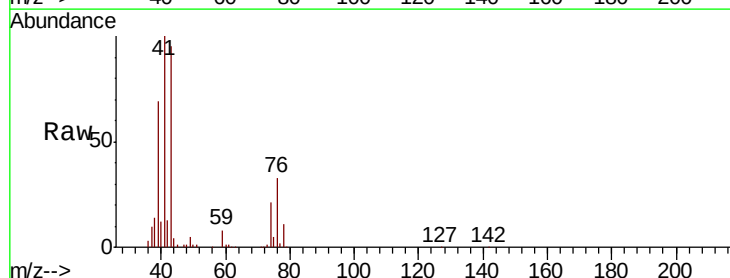
Acq: 31 Oct 2019 8:56

Tgt Ion: 43 Resp: 365568

Ion Ratio Lower Upper

43 100

74 21.9 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN058846.D (-762) (-)

4.29

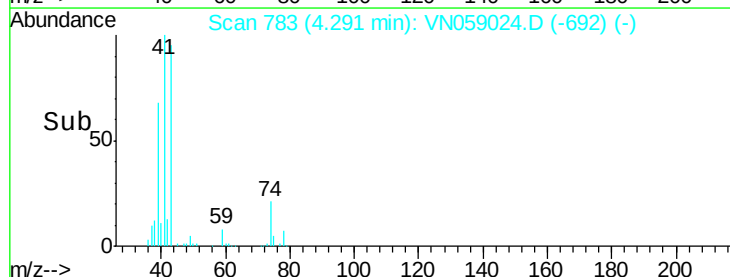
150000

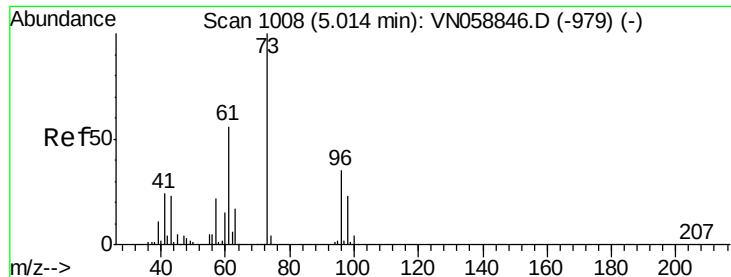
100000

50000

0

Time--> 4.20 4.30 4.40

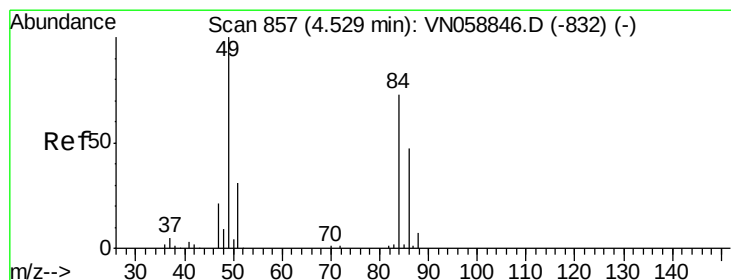
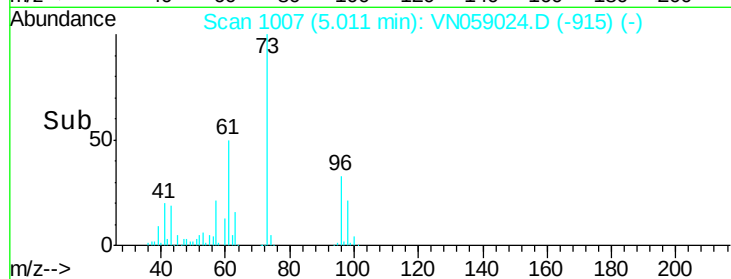
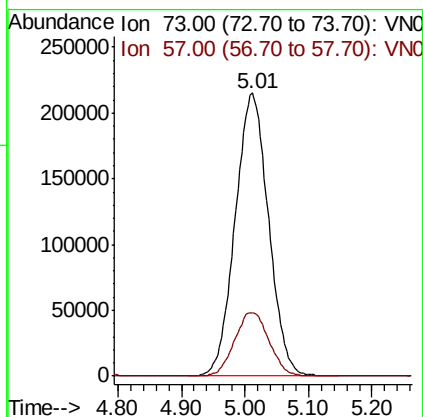
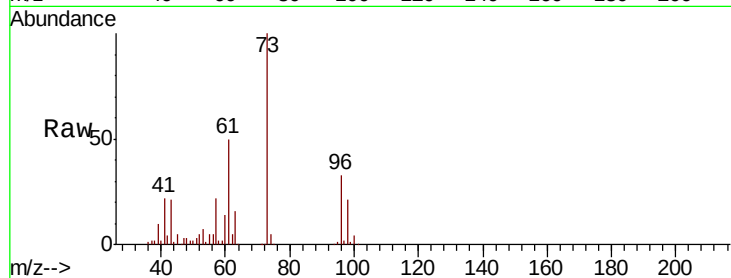




#19
Methvl tert-butyl Ether
Concen: 53.793 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

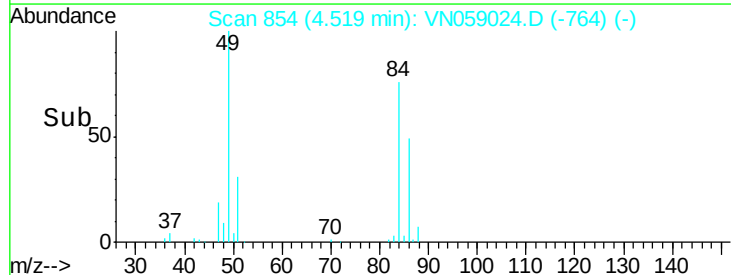
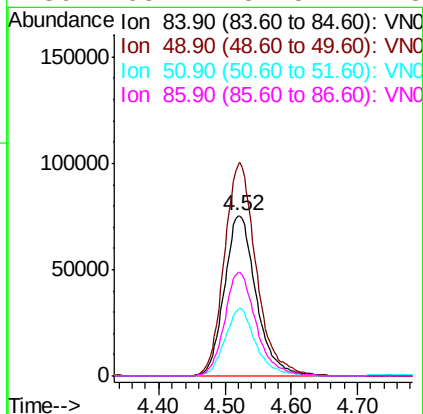
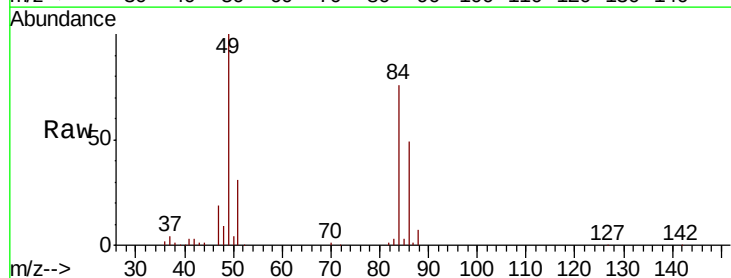
Instrument :
MSVOA_N
ClientSampleId :

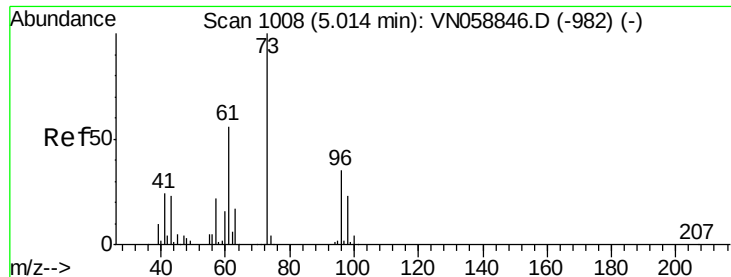
Tot Ion: 73 Resp: 783185
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 48.234 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 84 Resp: 251753
Ion Ratio Lower Upper
84 100
49 132.3 109.6 164.4
51 41.4 33.8 50.6
86 65.1 51.5 77.3

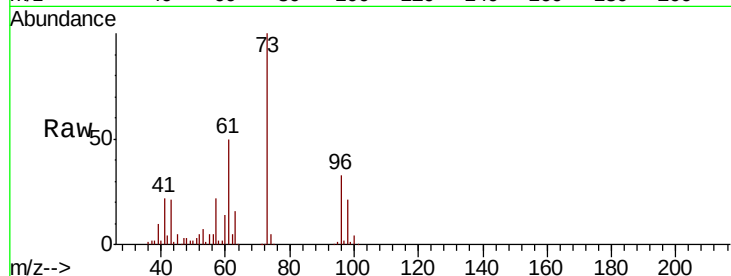




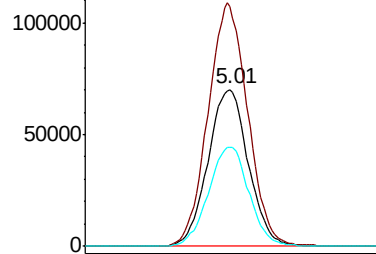
#21
trans-1,2-Dichloroethene
Concen: 48.895 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Instrument :
MSVOA_N
ClientSampled :

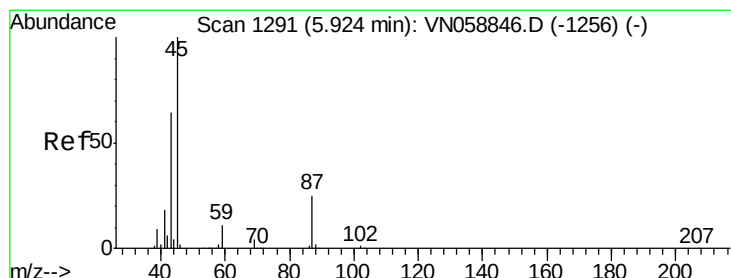
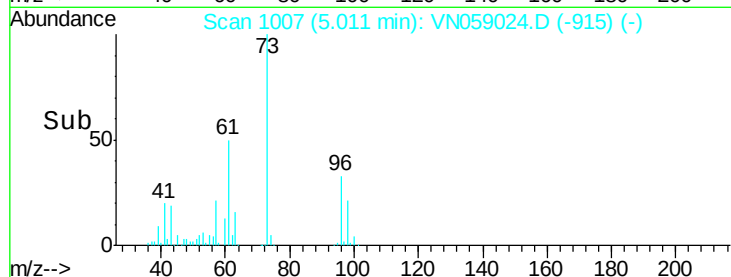
Tot Ion: 96 Resp: 224515
Ion Ratio Lower Upper
96 100
61 152.8 126.7 190.1
98 63.6 52.0 78.0



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

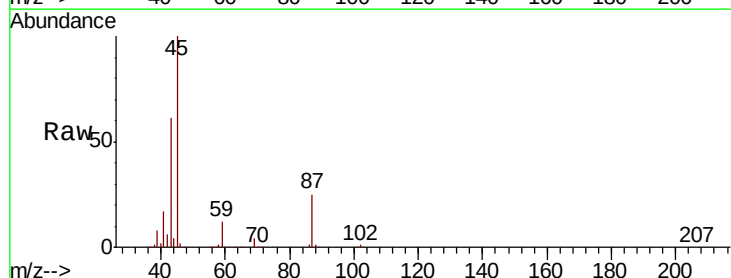


Time-->

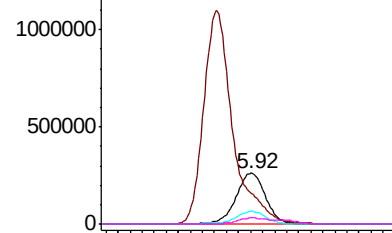


#22
Diisopropyl ether
Concen: 54.644 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

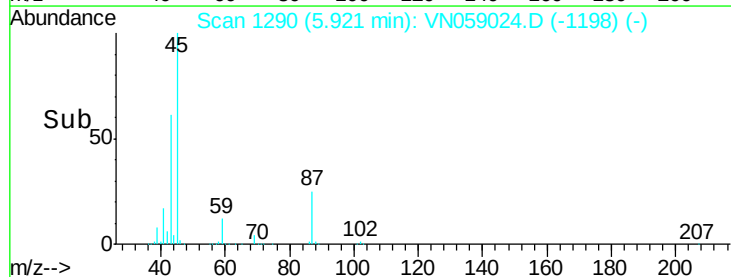
Tgt Ion: 45 Resp: 899266
Ion Ratio Lower Upper
45 100
43 60.3 52.9 79.3
87 24.9 20.2 30.4
59 11.8 8.8 13.2

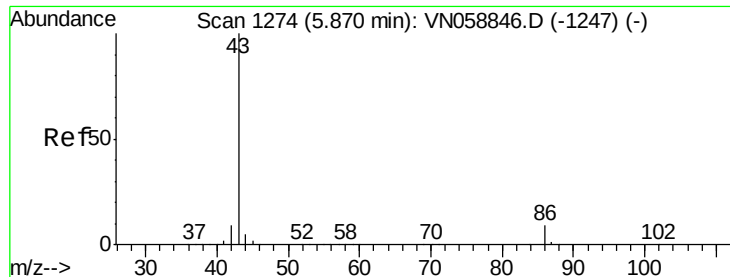


Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0



Time-->

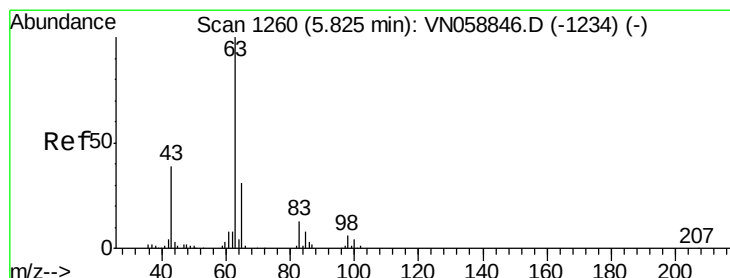
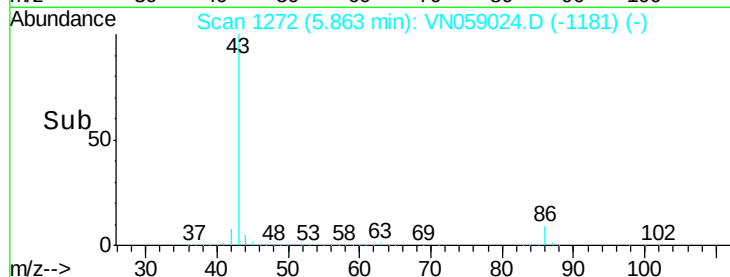
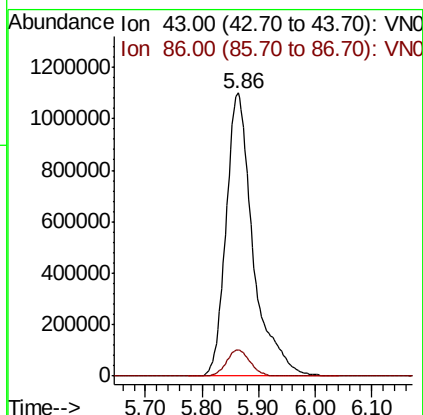
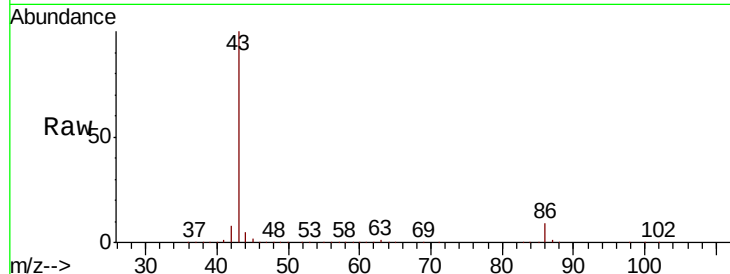




#23
 Vinyl Acetate
 Concen: 276.291 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

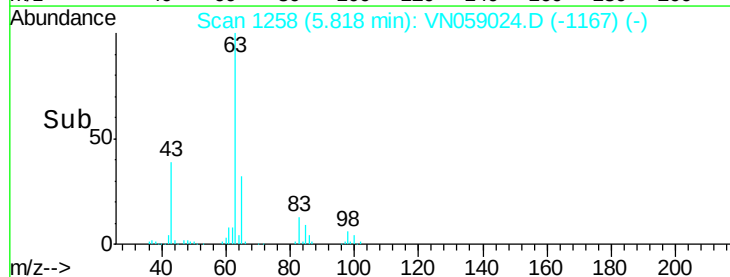
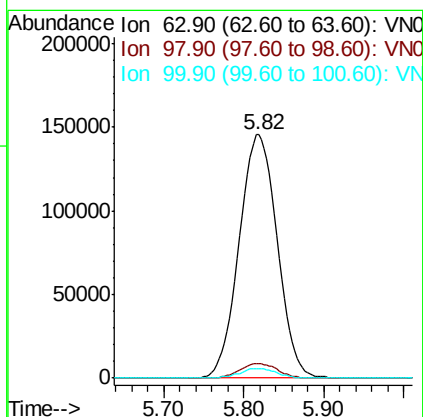
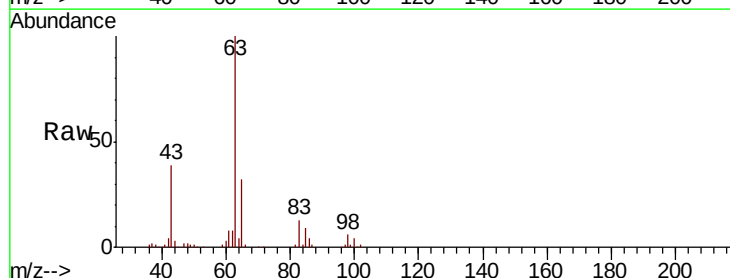
Instrument :
 MSVOA_N
 ClientSampleId :

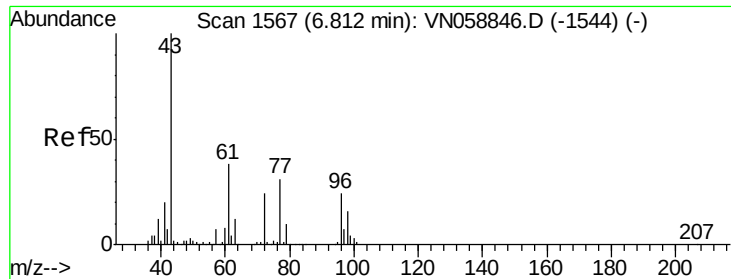
Tot Ion: 43 Resp: 3653075
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 49.353 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion: 63 Resp: 470947
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.8 8.4
 100 4.0 1.9 5.7

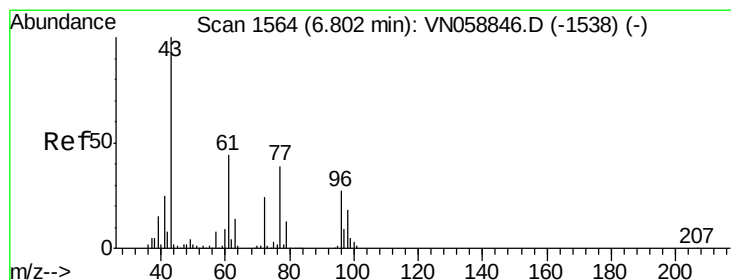
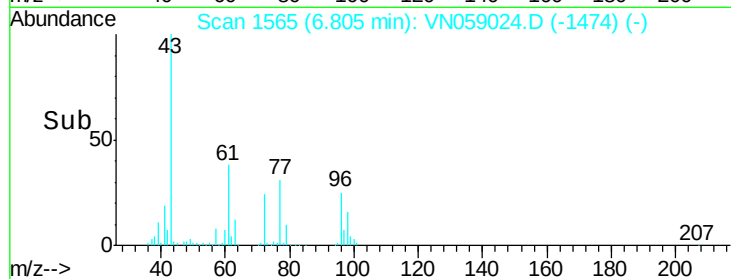
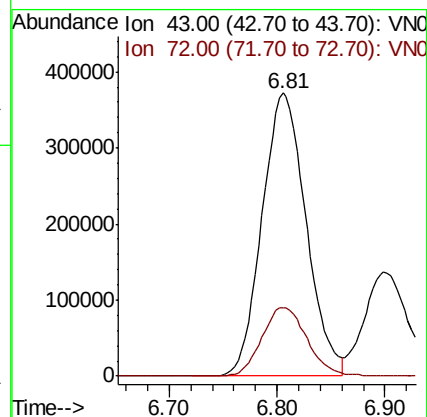
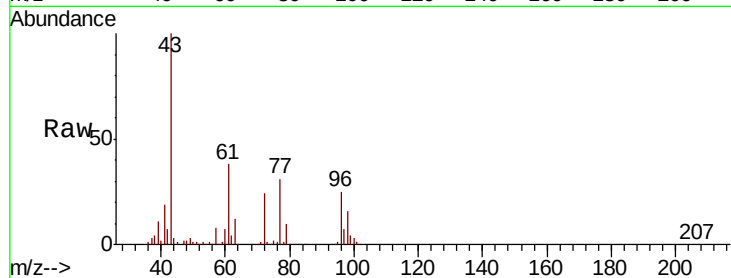




#25
2-Butanone
Concen: 264.627 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

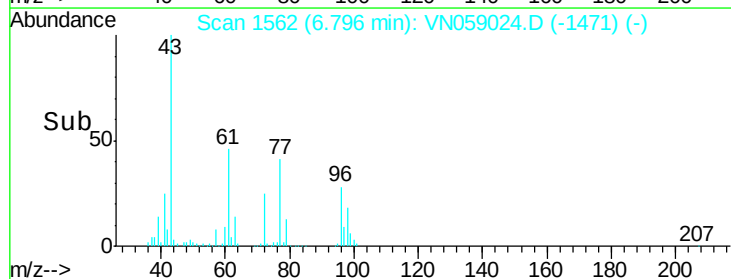
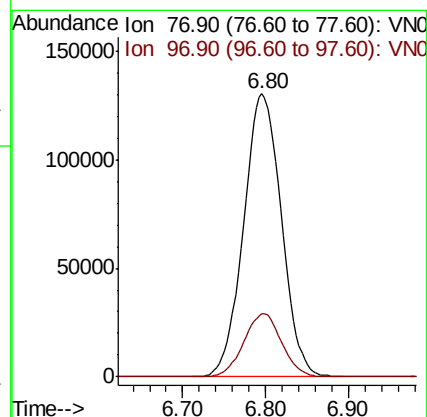
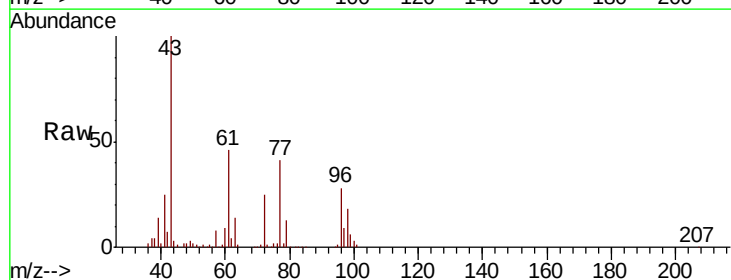
Instrument :
MSVOA_N
ClientSampled :

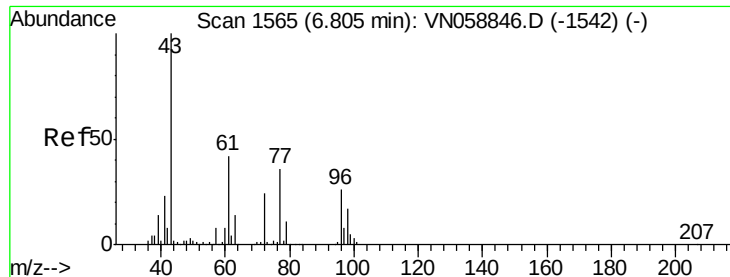
Tot Ion: 43 Resp: 1050030
Ion Ratio Lower Upper
43 100
72 24.4 19.1 28.7



#26
2,2-Dichloropropane
Concen: 49.991 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 77 Resp: 412620
Ion Ratio Lower Upper
77 100
97 22.5 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.531 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :

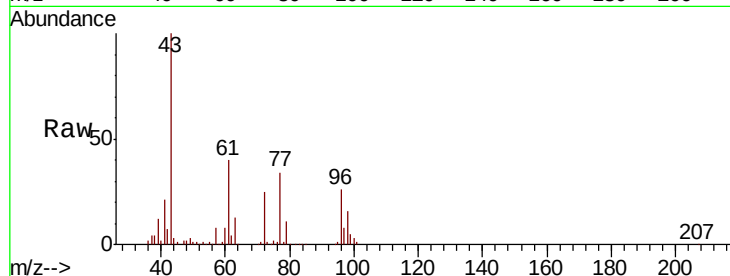
Tot Ion: 96 Resp: 270305

Ion Ratio Lower Upper

96 100

61 159.0 0.0 325.0

98 64.6 0.0 128.0



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

200000

150000

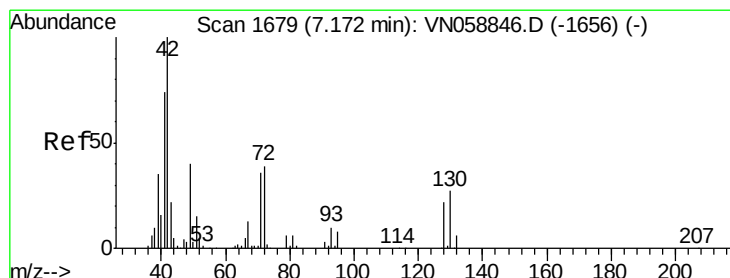
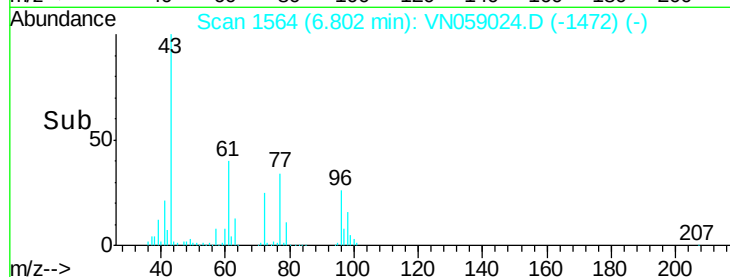
100000

50000

0

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 46.141 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

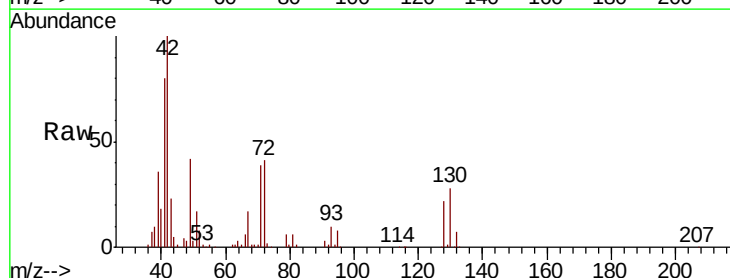
Tgt Ion: 49 Resp: 146636

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

130 67.5 53.5 80.3



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

60000

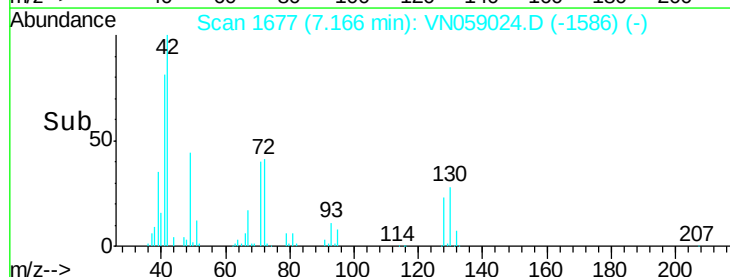
40000

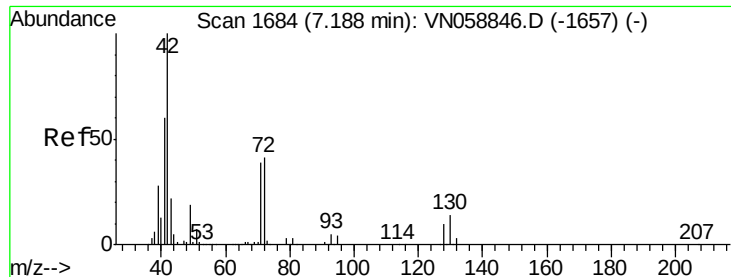
20000

0

7.10 7.20 7.30

Time-->

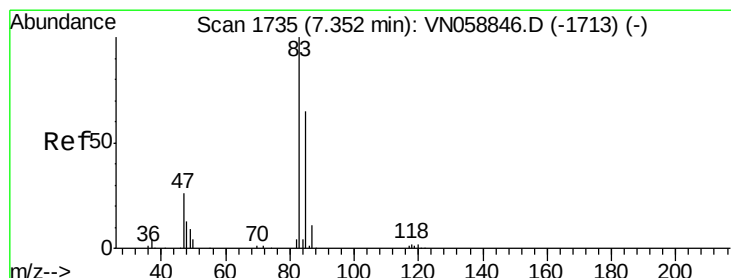
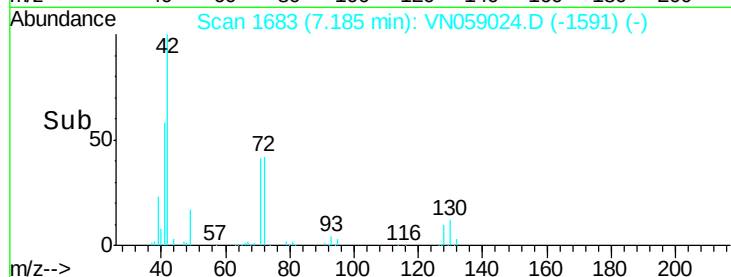
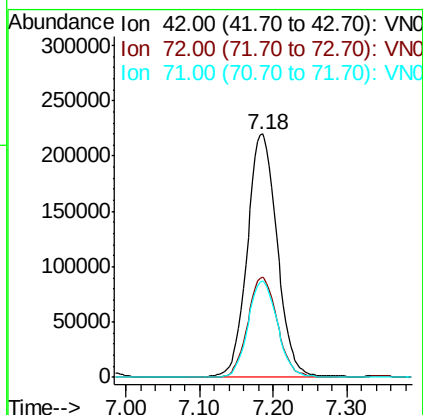
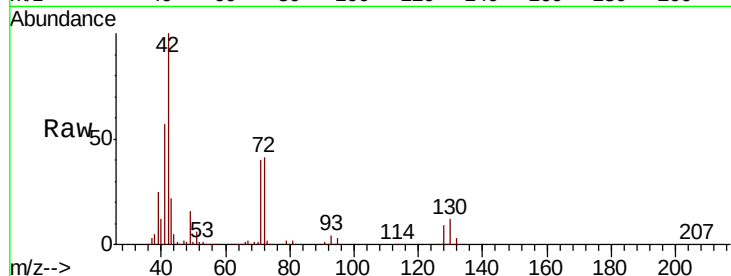




#29
Tetrahydrofuran
Concen: 255.909 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

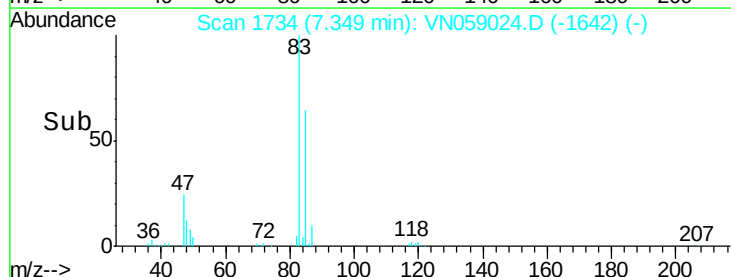
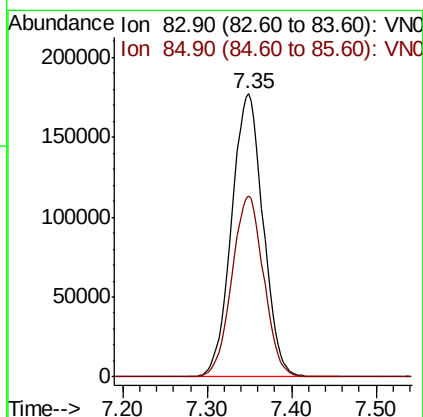
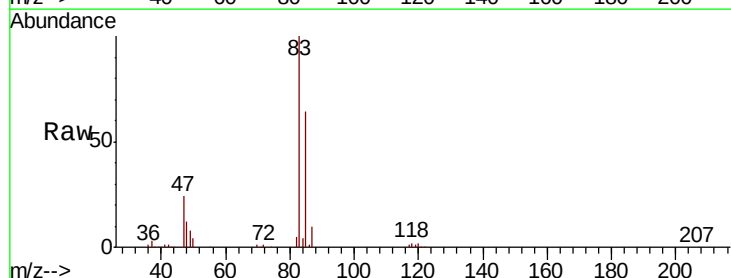
Instrument :
MSVOA_N
ClientSampled :

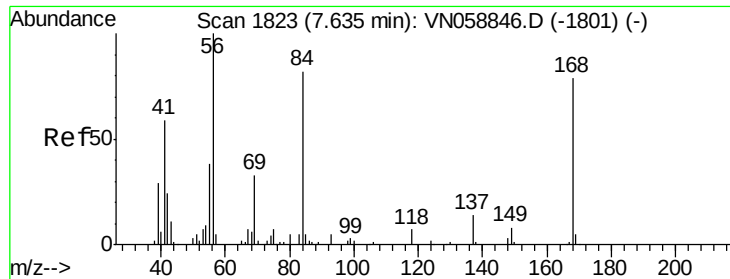
Tot Ion: 42 Resp: 621177
Ion Ratio Lower Upper
42 100
72 40.9 32.2 48.2
71 38.9 30.6 45.8



#30
Chloroform
Concen: 48.203 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 83 Resp: 461402
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9

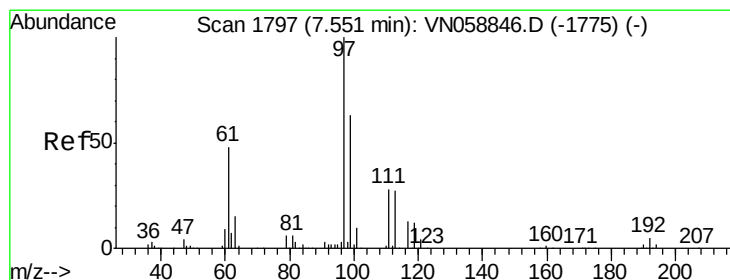
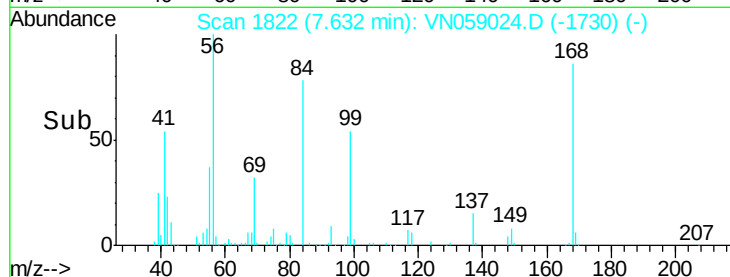
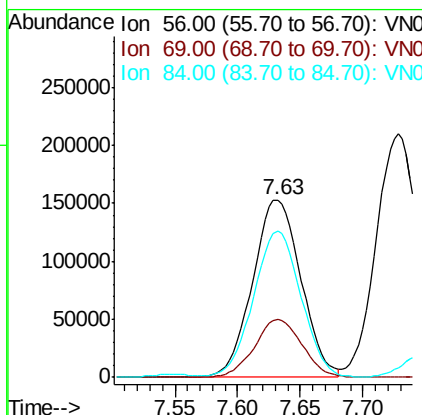
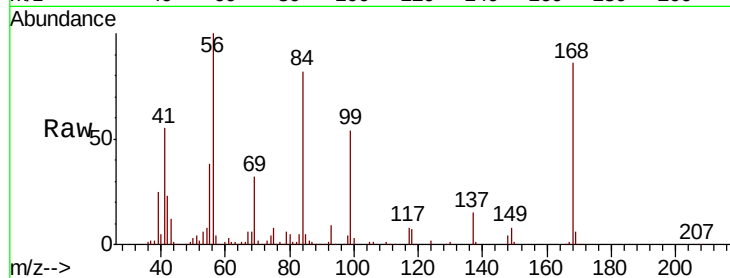




#31
Cyclohexane
Concen: 46.215 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

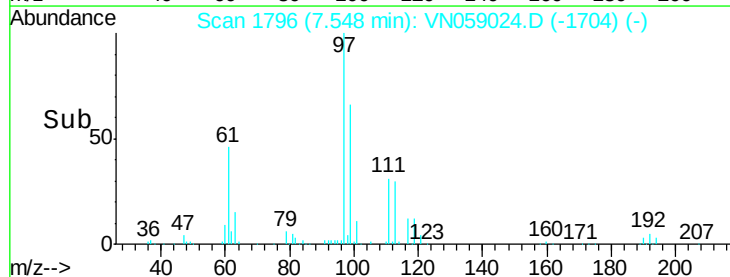
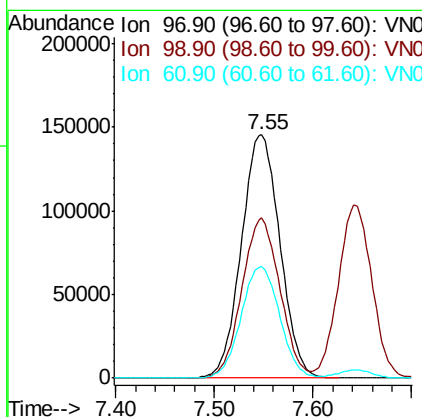
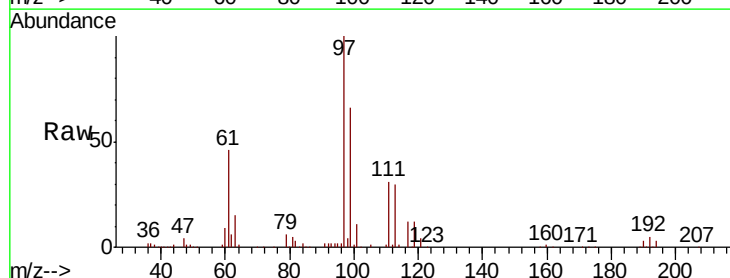
Instrument :
MSVOA_N
ClientSampleId :

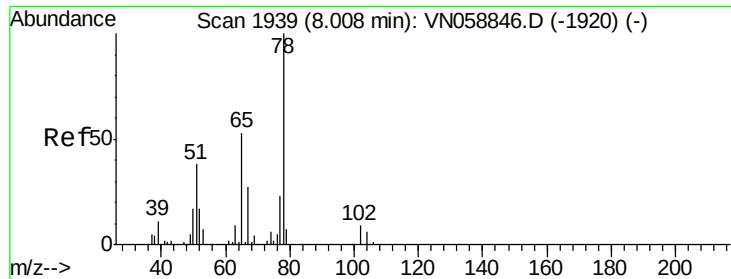
Tot Ion: 56 Resp: 410839
Ion Ratio Lower Upper
56 100
69 32.4 26.2 39.4
84 81.3 65.6 98.4



#32
1,1,1-Trichloroethane
Concen: 48.746 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 97 Resp: 393287
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 46.0 38.6 58.0

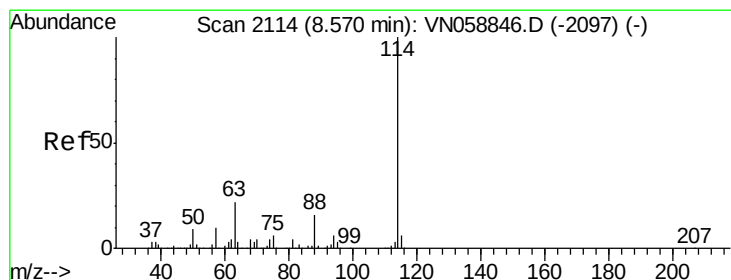
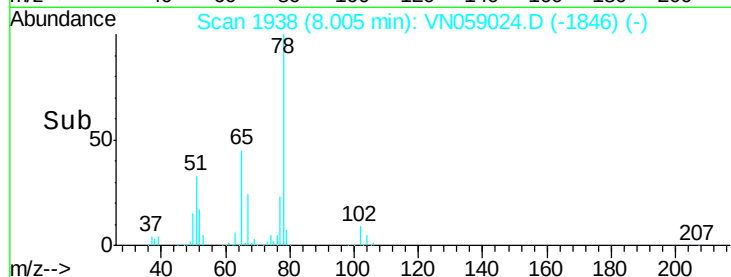
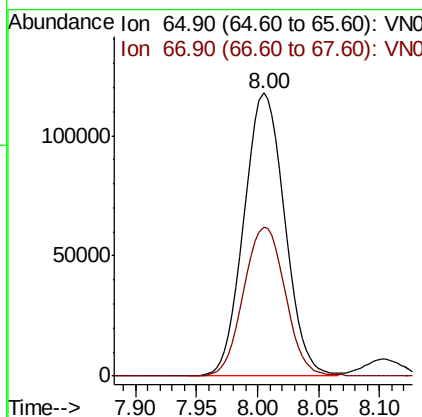
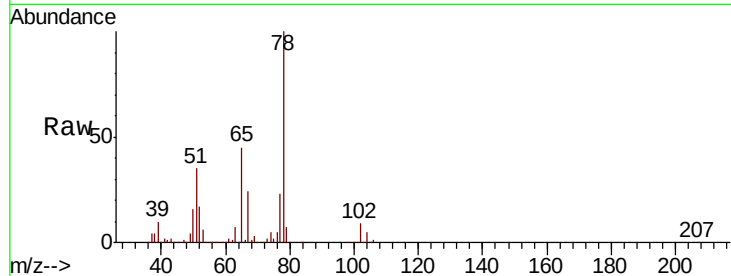




#33
 1,2-Dichloroethane-d4
 Concen: 44.113 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

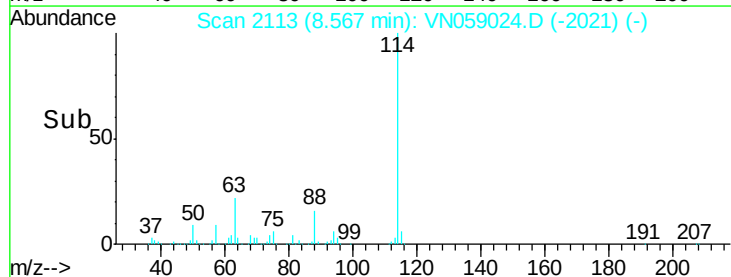
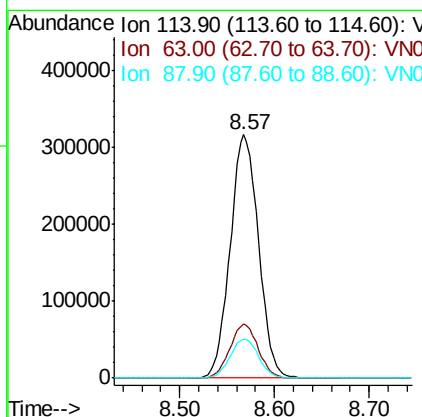
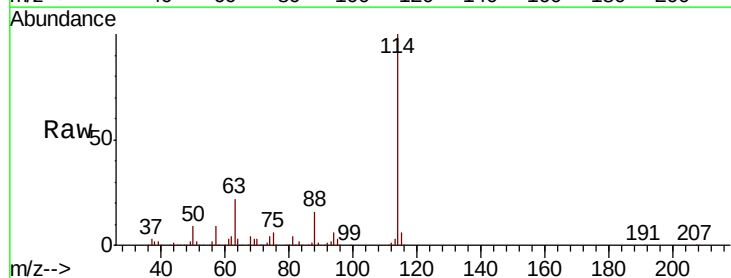
Instrument :
 MSVOA_N
 ClientSampled :

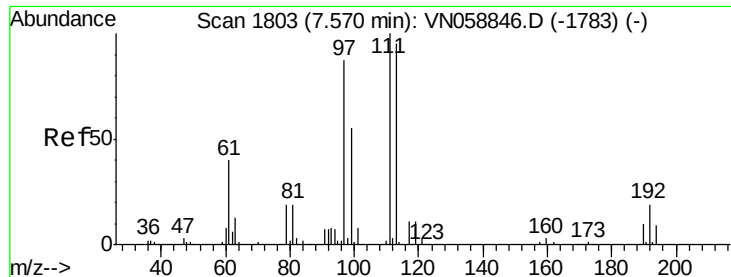
Tot Ion: 65 Resp: 272880
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion: 114 Resp: 658120
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.2 0.0 31.4

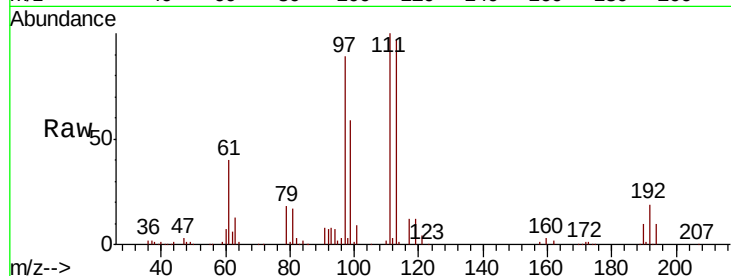




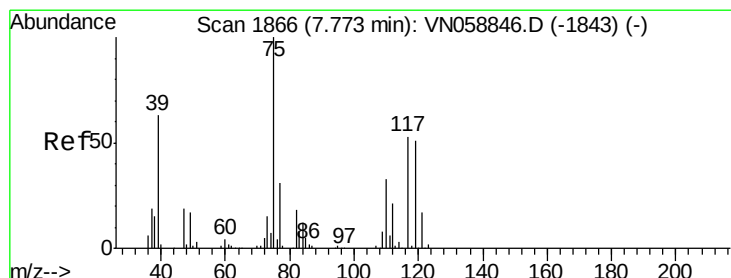
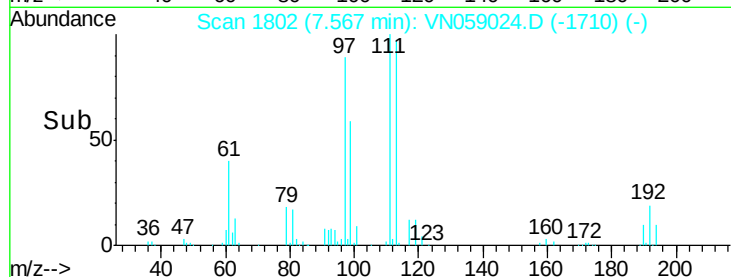
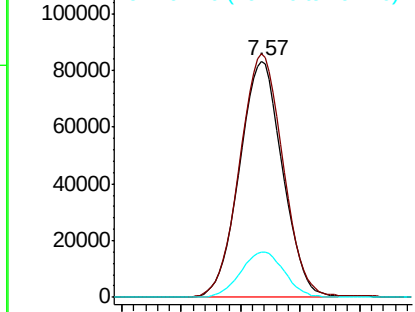
#35
 Dibromofluoromethane
 Concen: 48.196 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 208541
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.0 123.0
 192 19.8 15.0 22.6

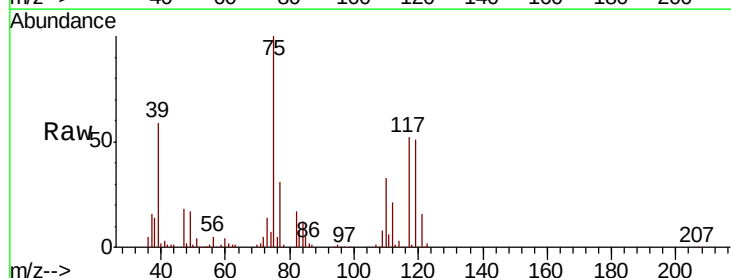


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

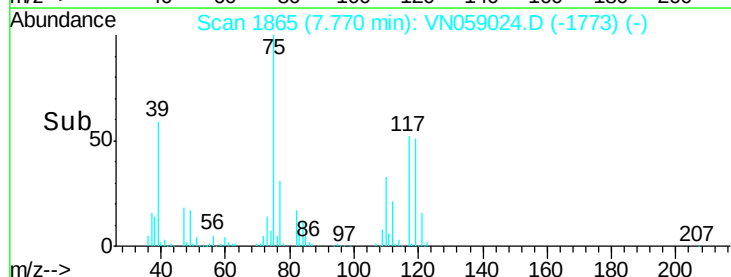
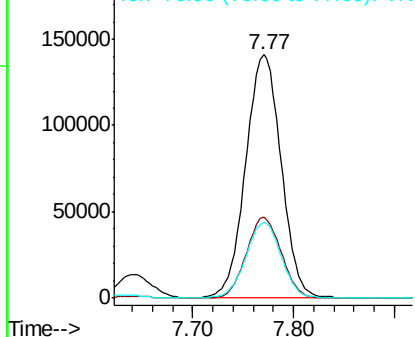


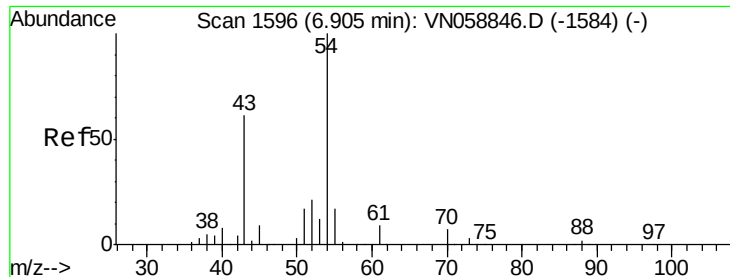
#36
 1,1-Dichloropropene
 Concen: 50.726 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion: 75 Resp: 341784
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.3 48.9
 77 31.3 24.6 36.8



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

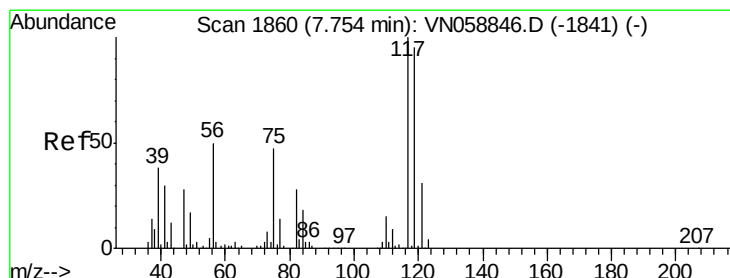
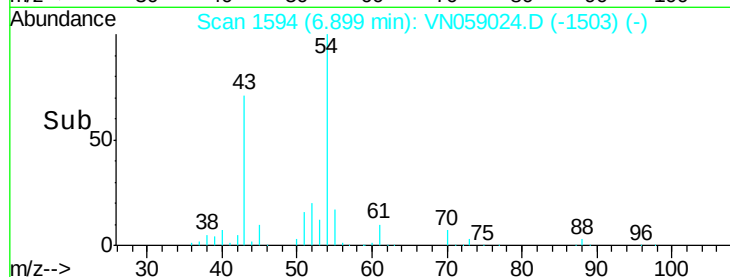
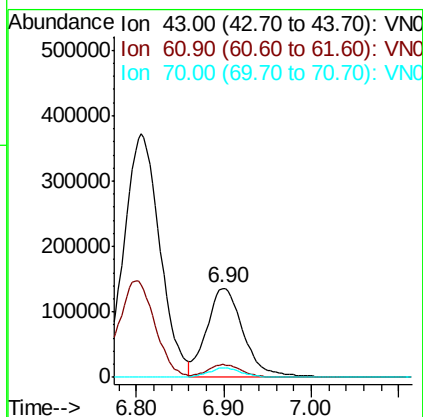
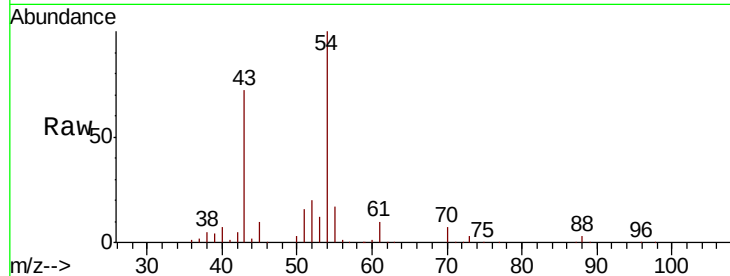




#37
Ethyl Acetate
Concen: 53.410 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.01 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

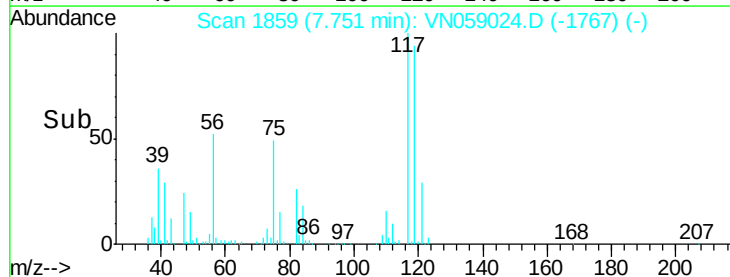
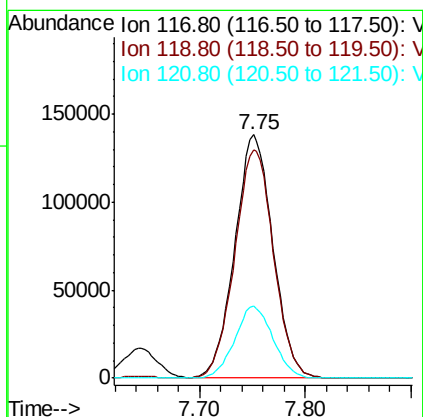
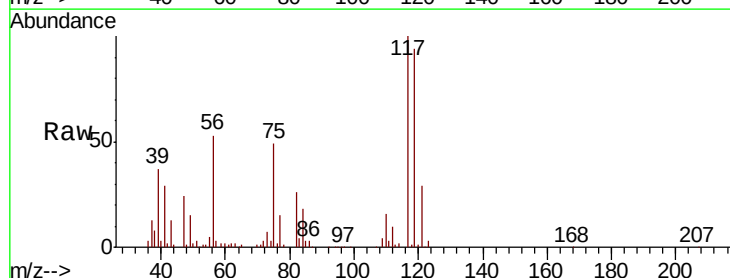
Instrument :
MSVOA_N
ClientSampled :

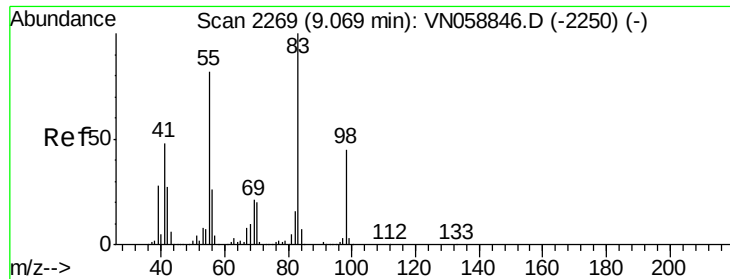
Tot Ion: 43 Resp: 392113
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.801 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 117 Resp: 345678
Ion Ratio Lower Upper
117 100
119 93.8 75.7 113.5
121 29.5 25.0 37.6

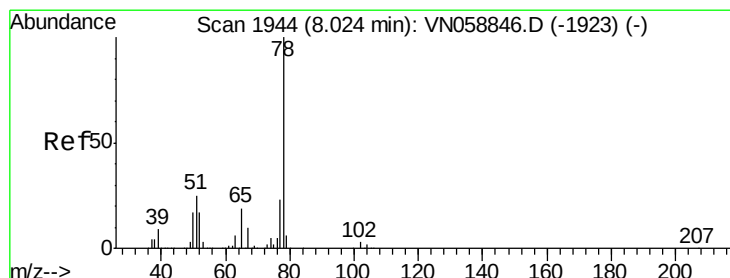
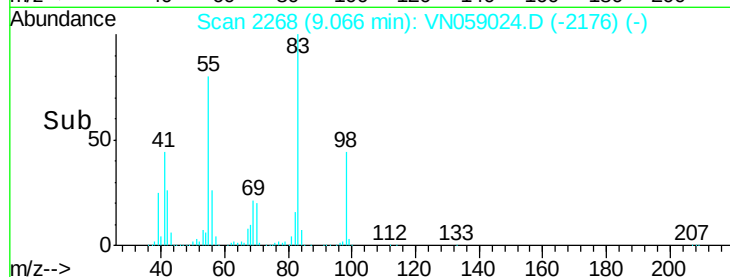
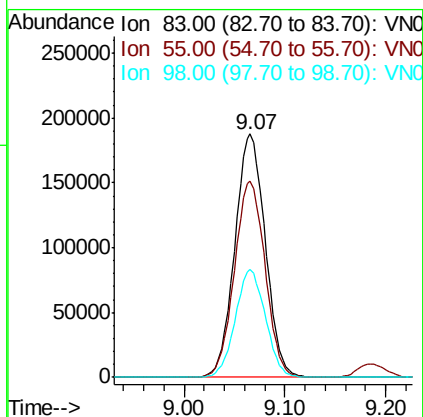
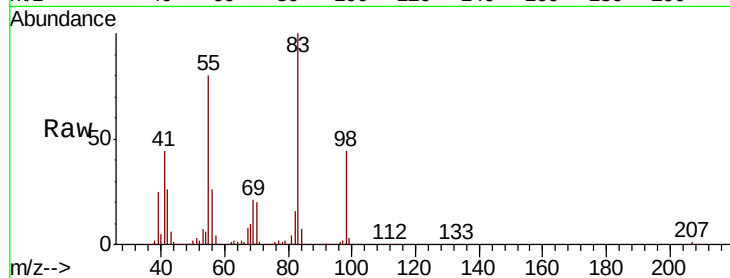




#39
Methylvlcyclohexane
Concen: 51.888 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

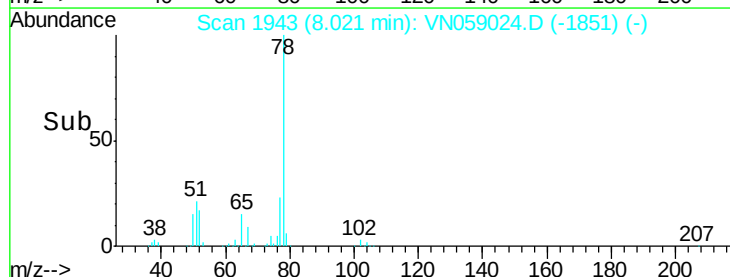
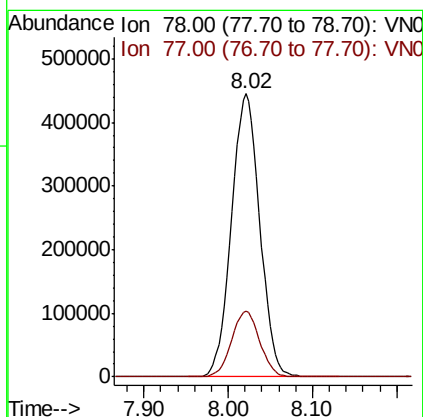
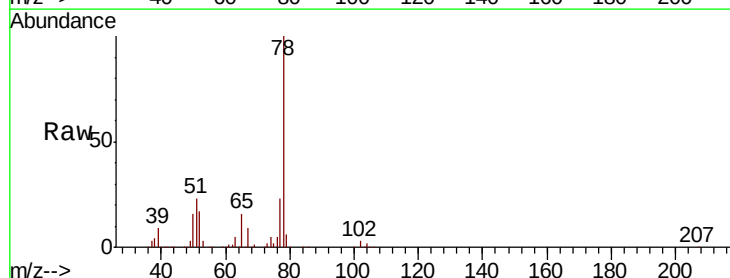
Instrument :
MSVOA_N
ClientSampled :

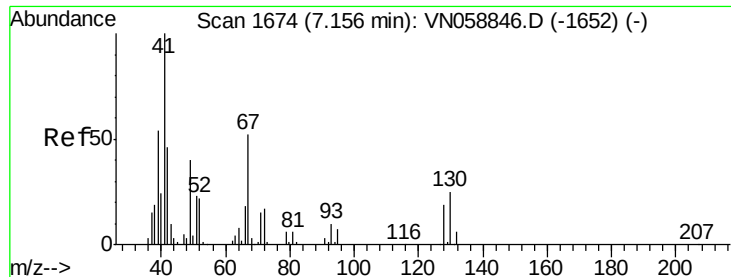
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	65.5	98.3
98	44.2	35.7	53.5



#40
Benzene
Concen: 52.578 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.2

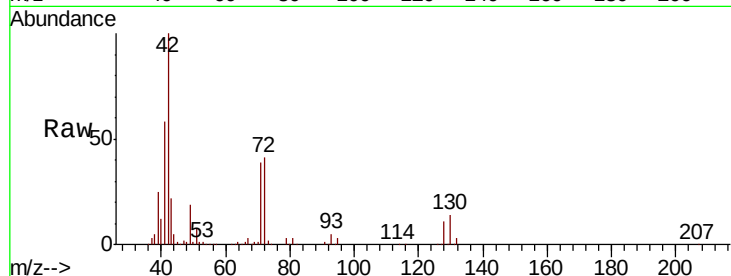




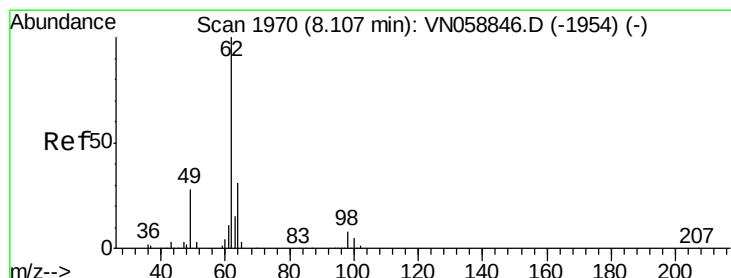
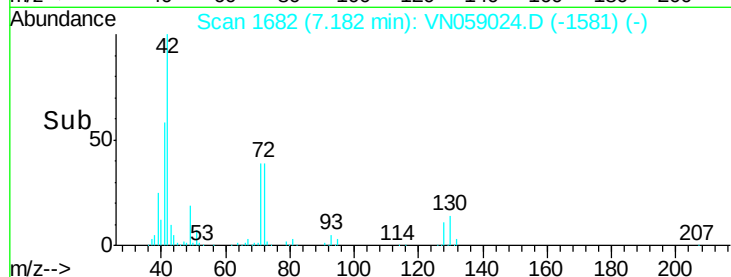
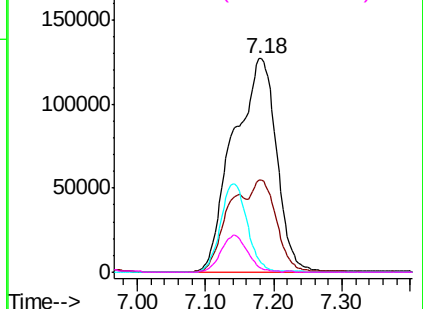
#41
Methacrylonitrile
Concen: 169.953 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	555712
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

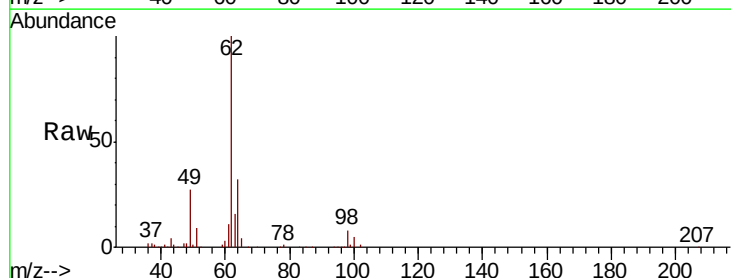


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

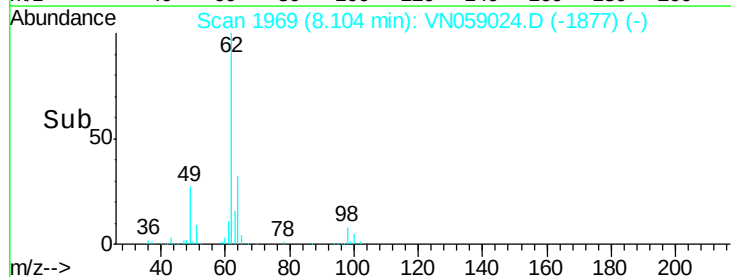
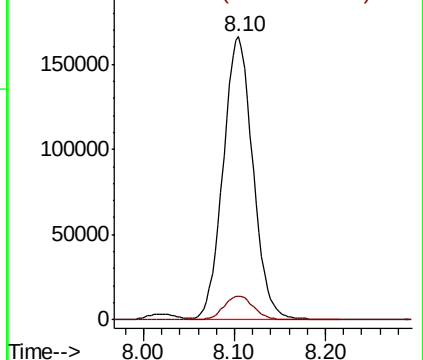


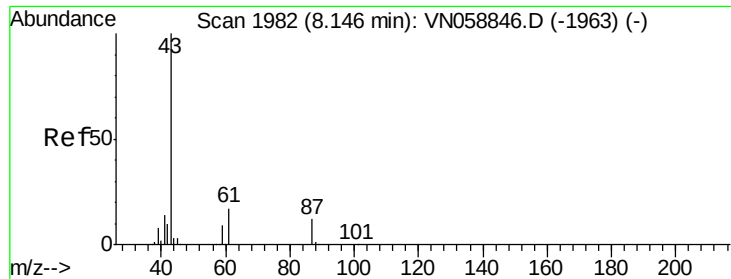
#42
1,2-Dichloroethane
Concen: 49.510 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion:	62	Resp:	377346
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

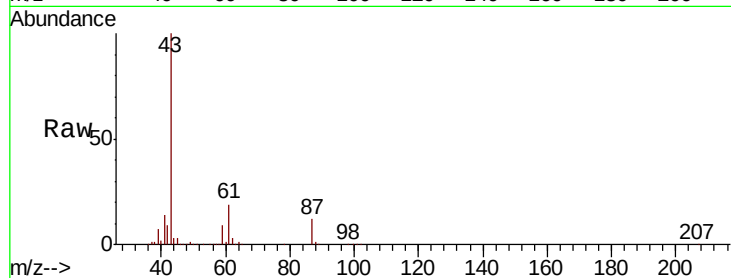




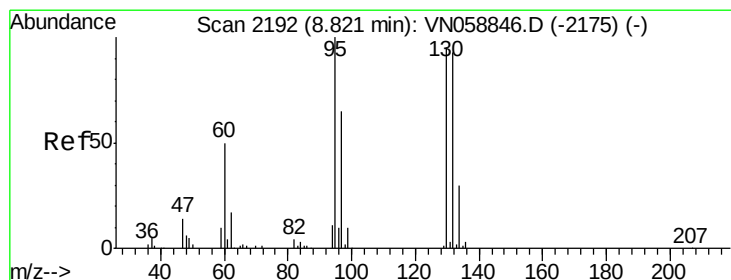
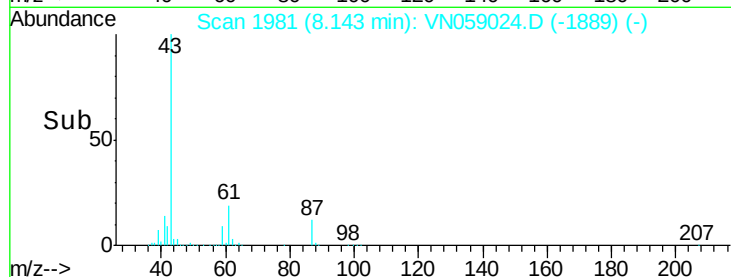
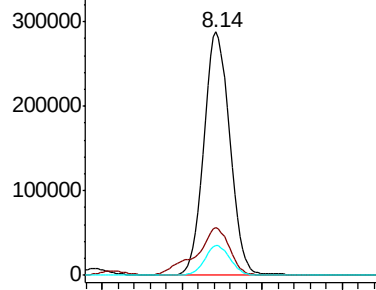
#43
Isopropyl Acetate
Concen: 53.472 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	43	Resp	629592
Ion Ratio	100	Lower	Upper
61	25.6	20.2	30.2
87	12.1	9.5	14.3

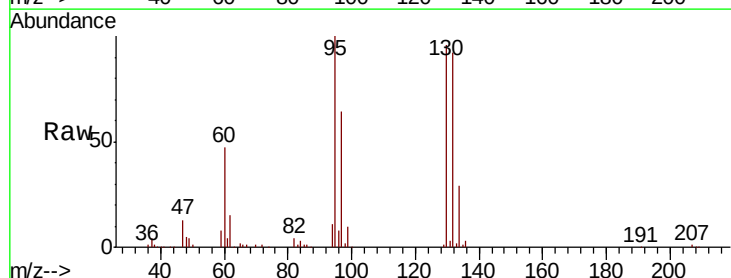


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

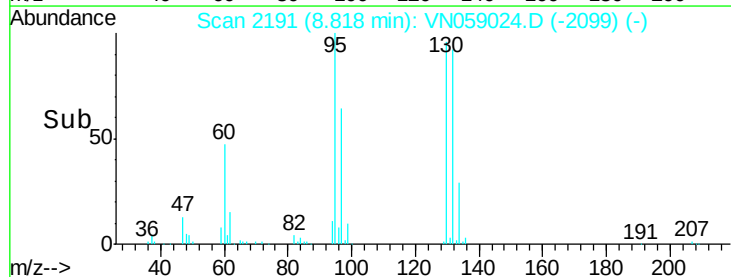
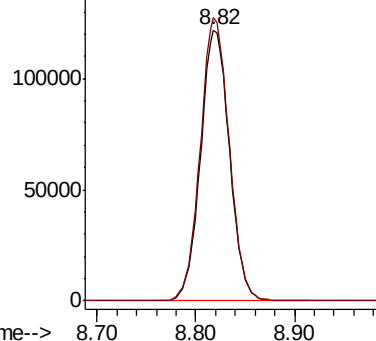


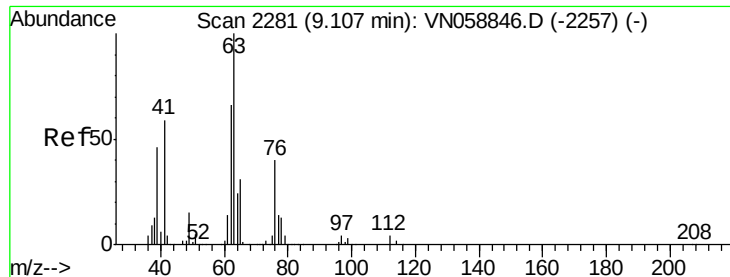
#44
Trichloroethene
Concen: 51.762 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion	130	Resp	249475
Ion Ratio	100	Lower	Upper
95	104.3	0.0	209.6



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





#45

1,2-Dichloropropane

Concen: 53.472 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

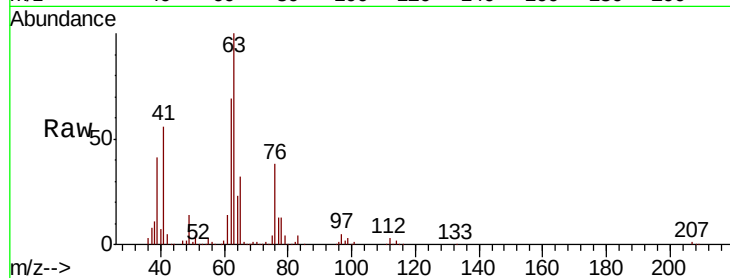
ClientSampleId :

Tot Ion: 63 Resp: 290109

Ion Ratio Lower Upper

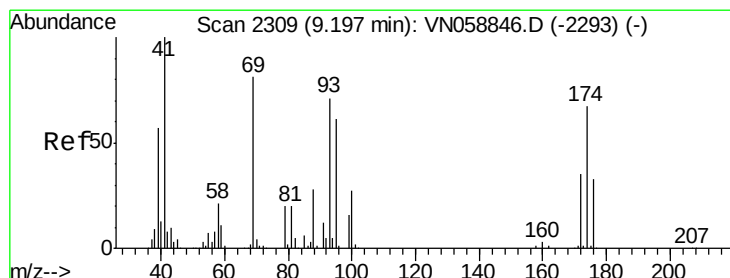
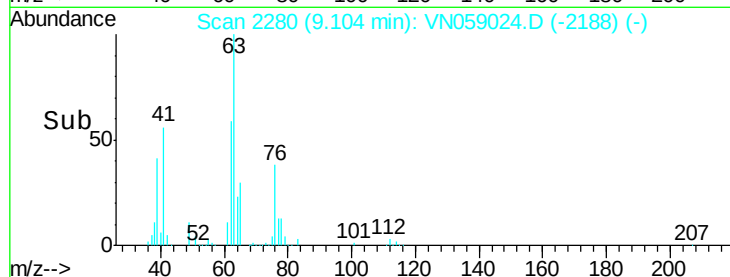
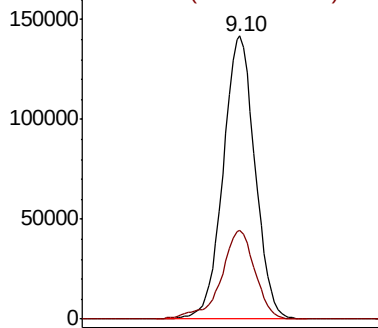
63 100

65 31.5 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.925 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

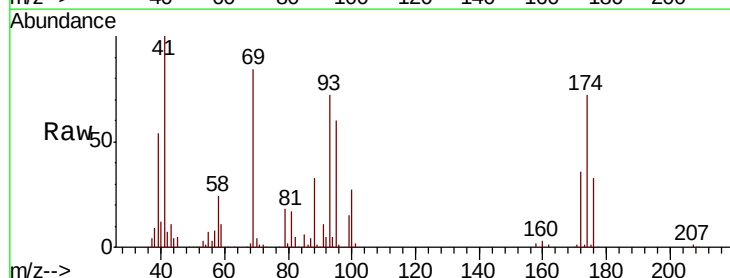
Tgt Ion: 93 Resp: 174665

Ion Ratio Lower Upper

93 100

95 83.7 67.6 101.4

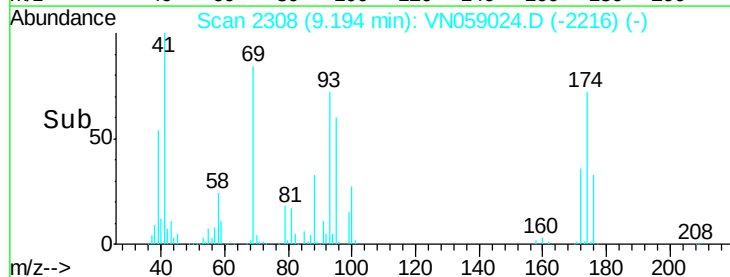
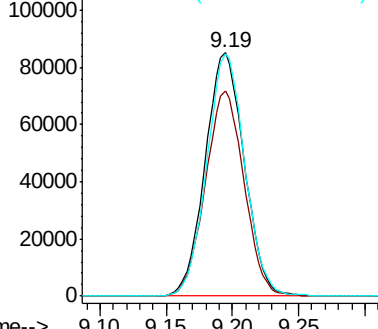
174 97.3 74.1 111.1

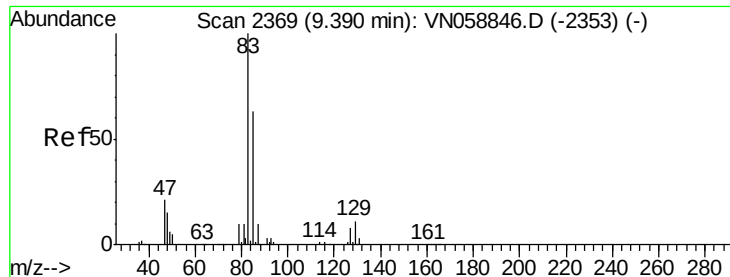


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.758 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

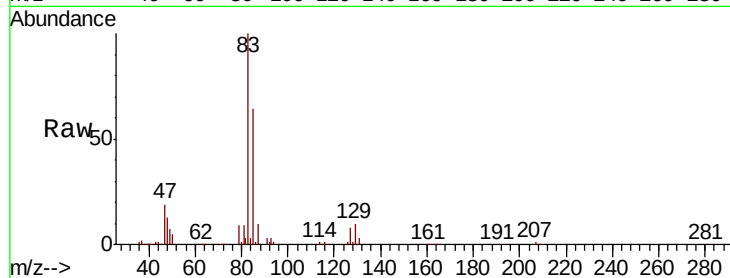
Tot Ion: 83 Resp: 372953

Ion Ratio Lower Upper

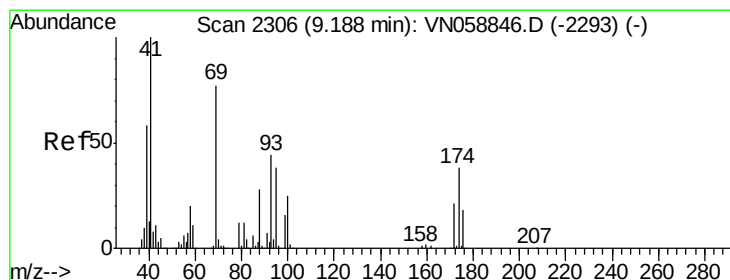
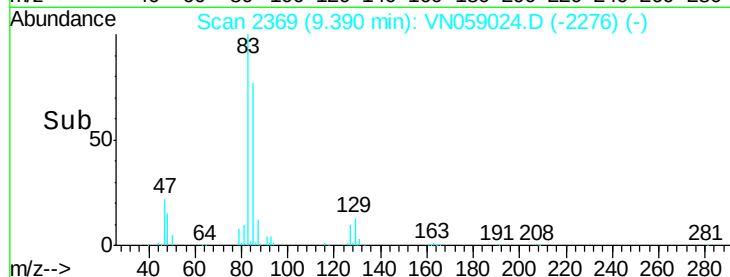
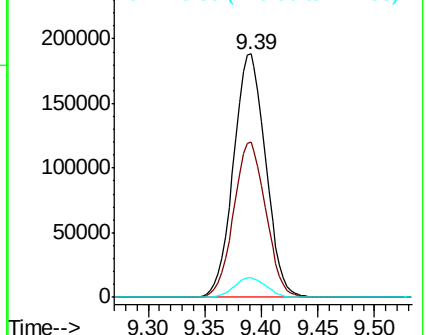
83 100

85 63.7 50.6 75.8

127 8.2 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: 55.377 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

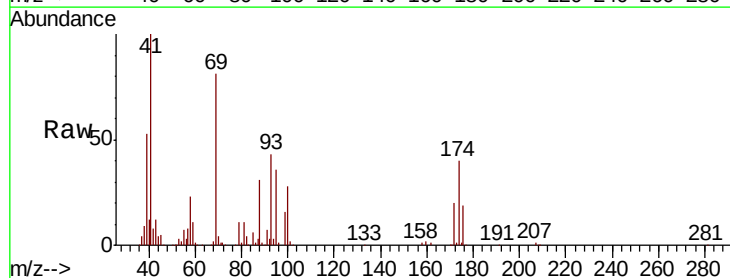
Tgt Ion: 41 Resp: 295827

Ion Ratio Lower Upper

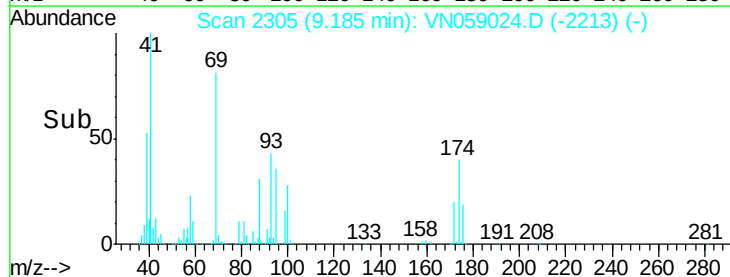
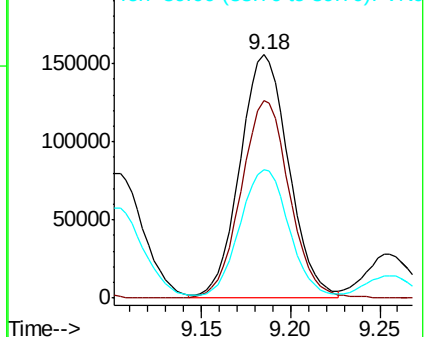
41 100

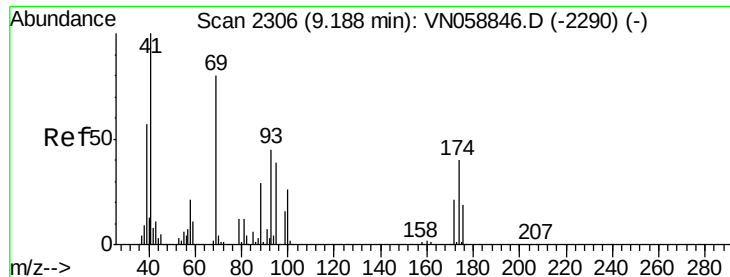
69 80.9 63.8 95.6

39 53.8 47.8 71.8



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

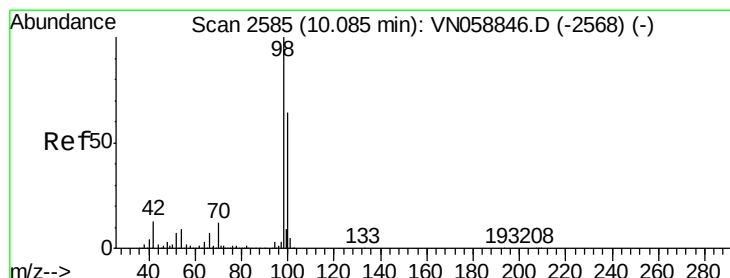
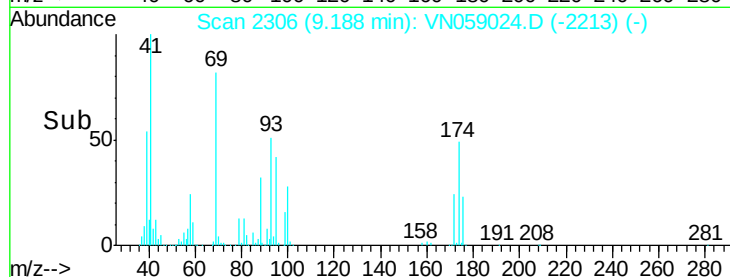
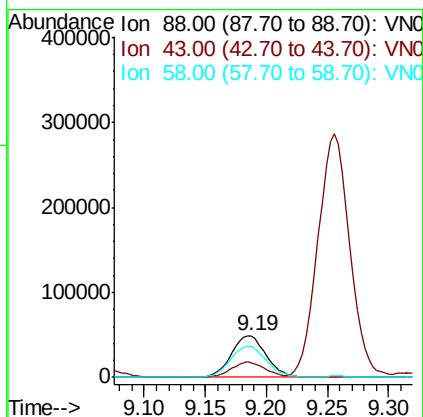
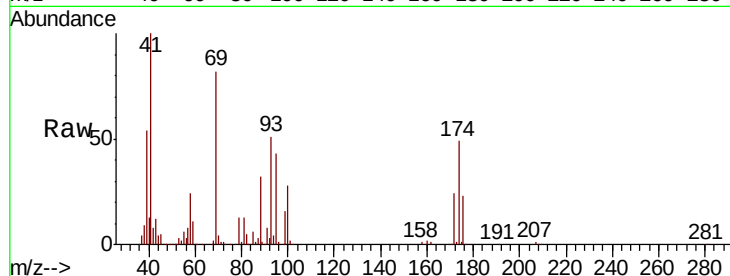




#49
1,4-Dioxane
Concen: 1119.855 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

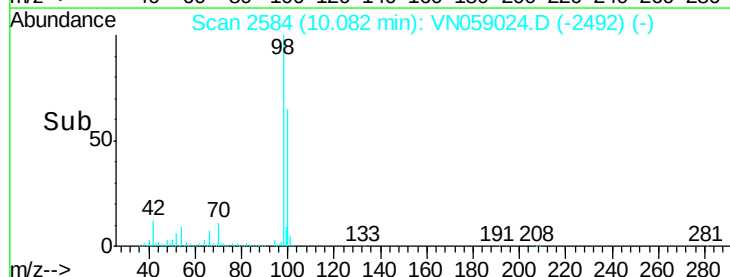
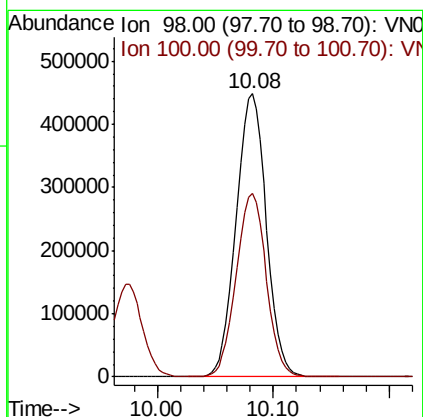
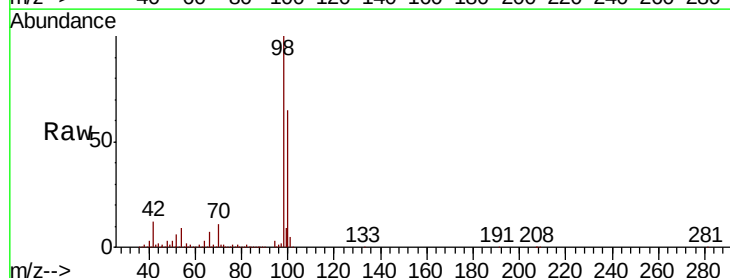
Instrument :
MSVOA_N
ClientSampleId :

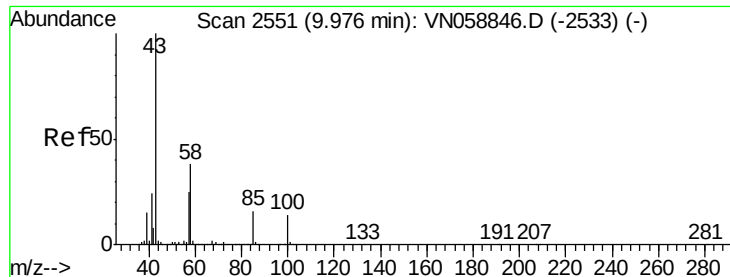
Tot Ion: 88 Resp: 98204
Ion Ratio Lower Upper
88 100
43 34.6 29.1 43.7
58 76.3 59.4 89.0



#50
Toluene-d8
Concen: 48.180 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 98 Resp: 809264
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 286.271 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

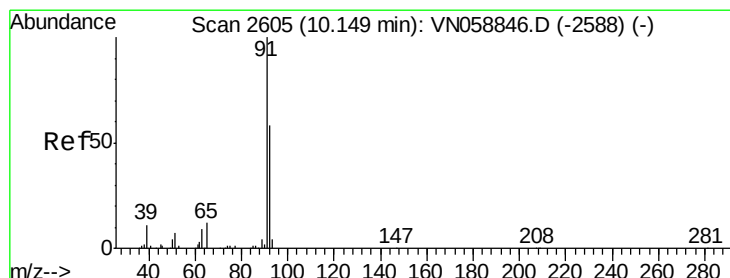
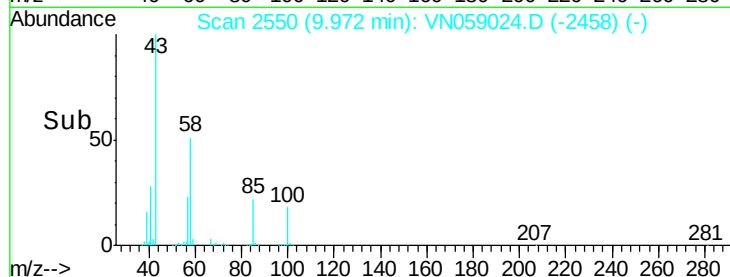
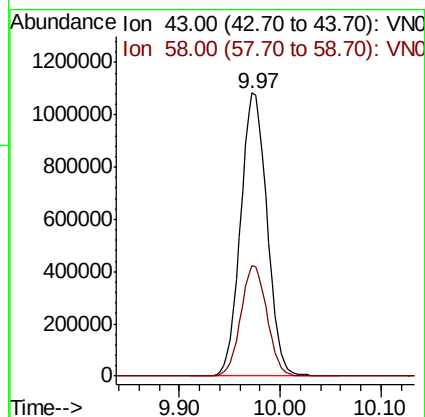
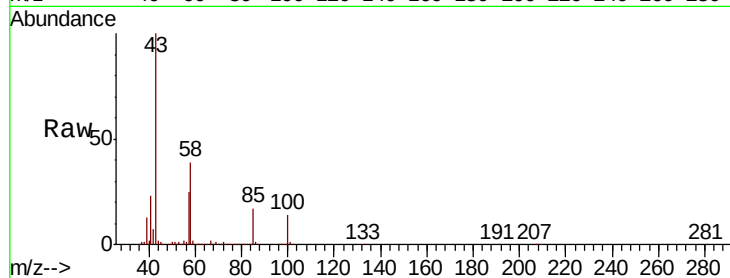
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1968771

Ion Ratio Lower Upper

43 100

58 38.5 29.9 44.9



#52

Toluene

Concen: 54.905 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059024.D

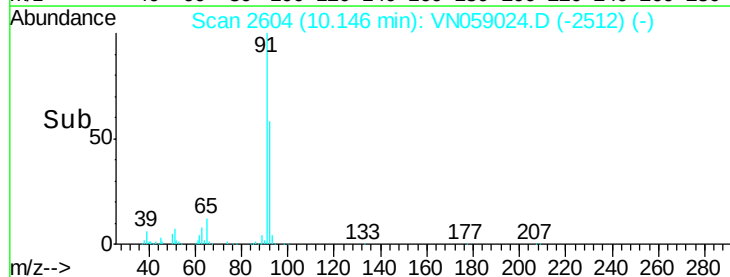
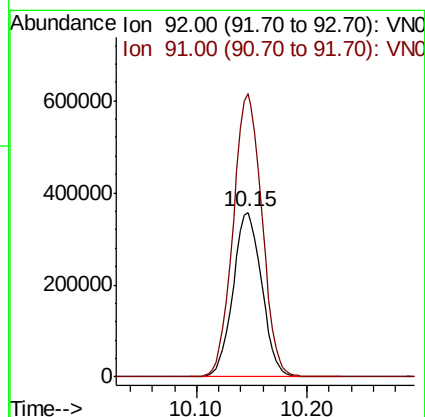
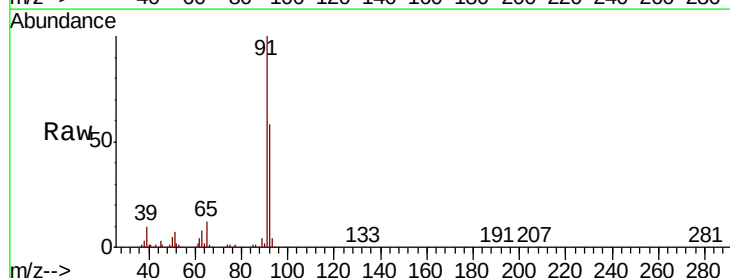
Acq: 31 Oct 2019 8:56

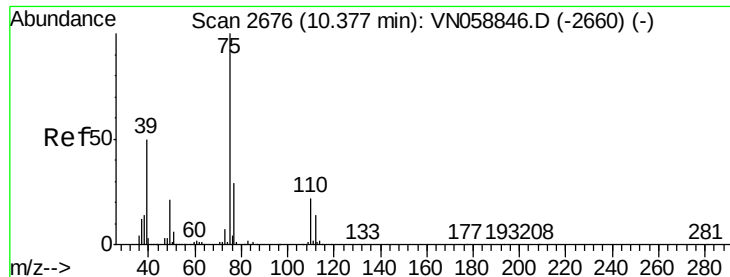
Tgt Ion: 92 Resp: 644202

Ion Ratio Lower Upper

92 100

91 173.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 54.817 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

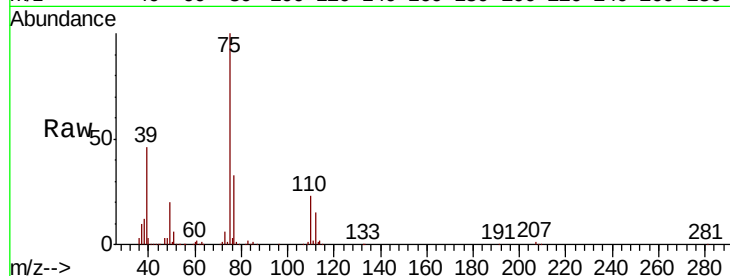
ClientSampled :

Tot Ion: 75 Resp: 428979

Ion Ratio Lower Upper

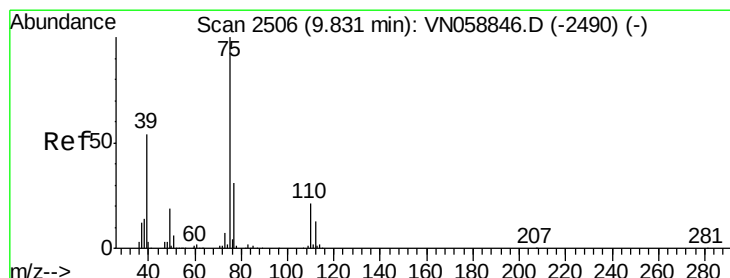
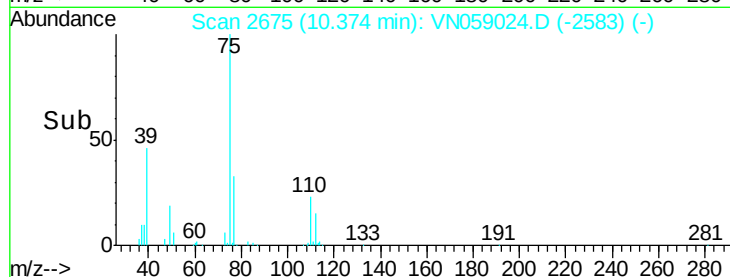
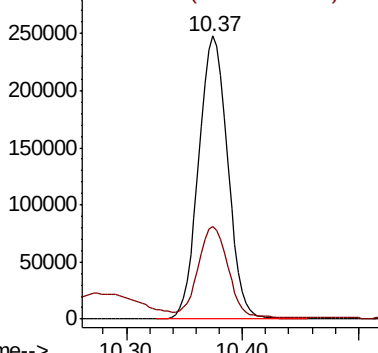
75 100

77 32.3 25.7 38.5



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: 54.414 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

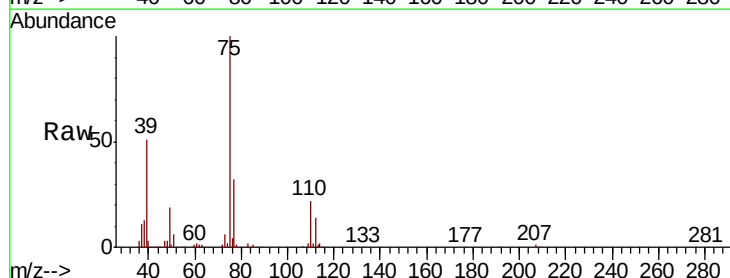
Tgt Ion: 75 Resp: 454936

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

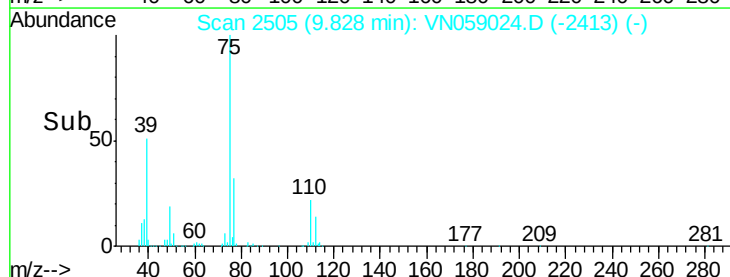
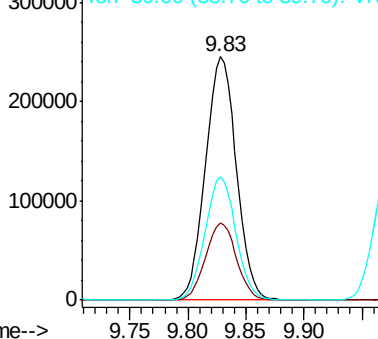
39 50.5 43.5 65.3

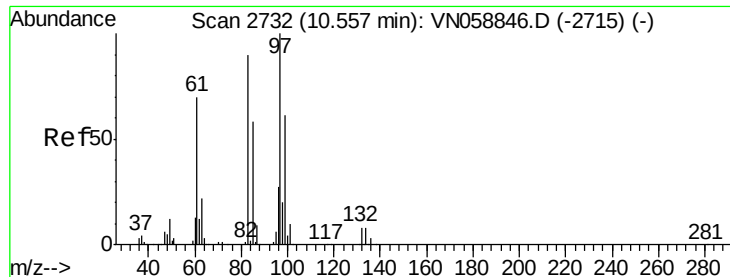


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.928 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

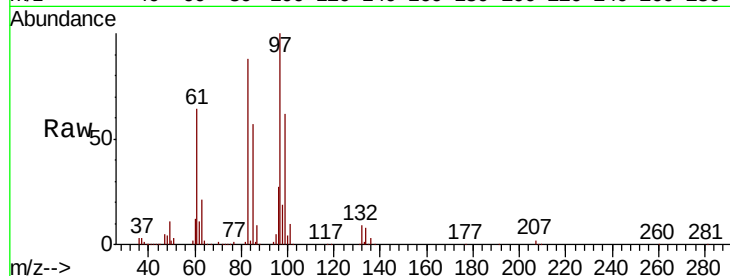
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 260657

Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.2	108.4
85	57.4	46.2	69.2
99	61.7	48.7	73.1

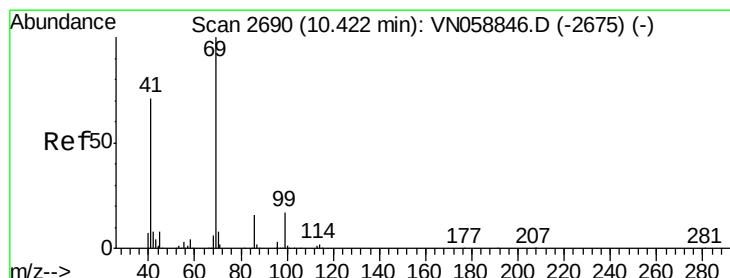
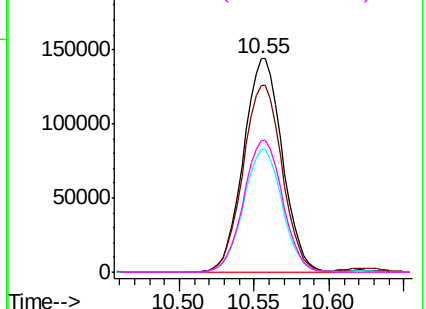
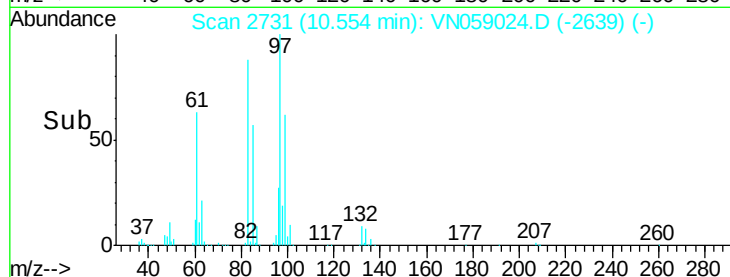


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.310 ug/l

RT: 10.42 min Scan# 2690

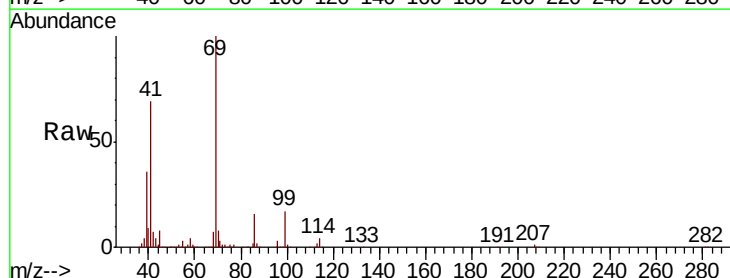
Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Tgt Ion: 69 Resp: 417062

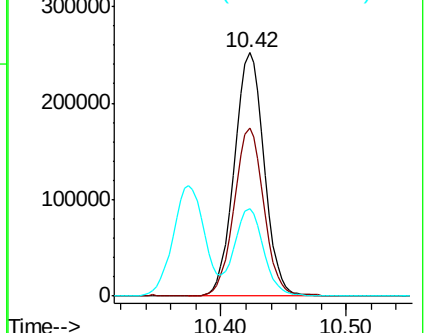
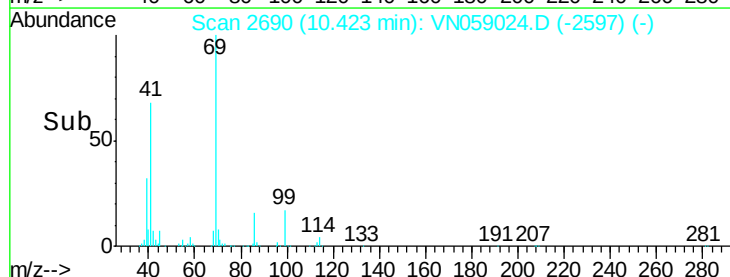
Ion	Ratio	Lower	Upper
69	100		
41	67.7	57.2	85.8
39	35.1	31.0	46.4

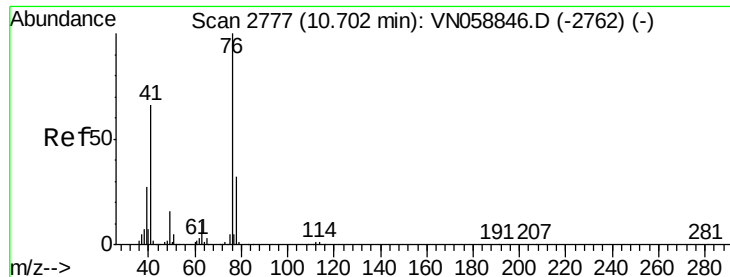


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.764 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

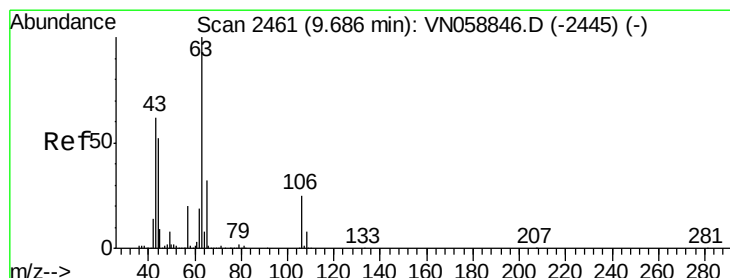
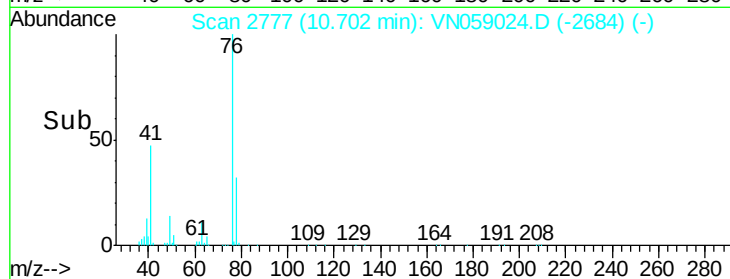
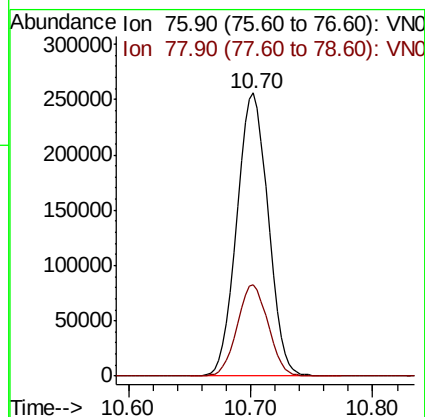
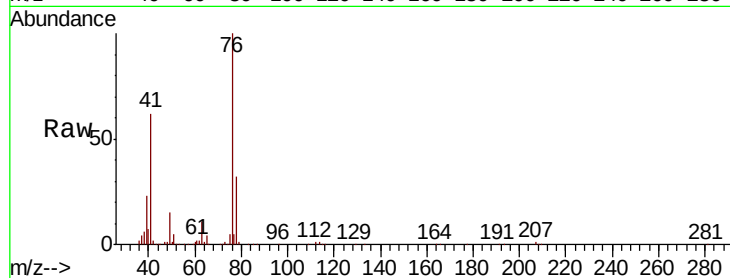
ClientSampleId :

Tot Ion: 76 Resp: 456092

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 240.982 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059024.D

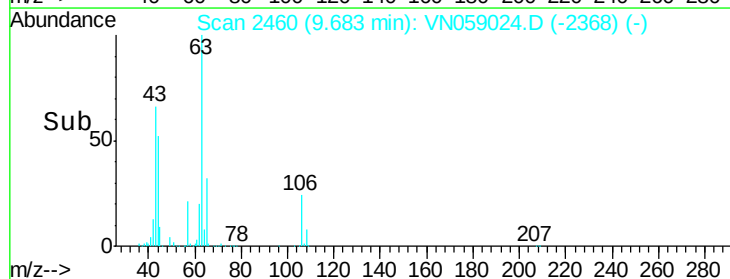
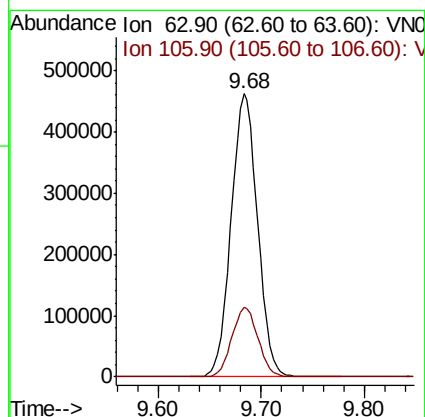
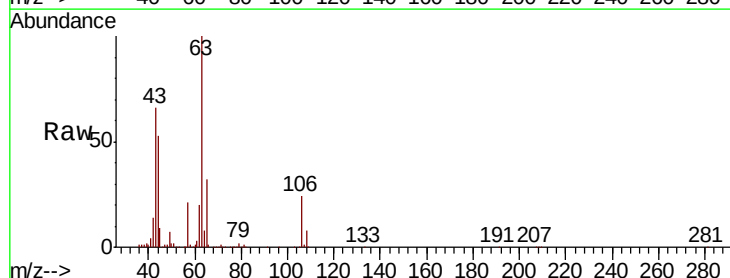
Acq: 31 Oct 2019 8:56

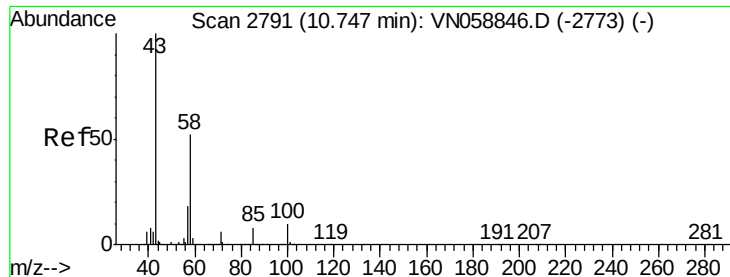
Tgt Ion: 63 Resp: 825488

Ion Ratio Lower Upper

63 100

106 24.5 19.8 29.8

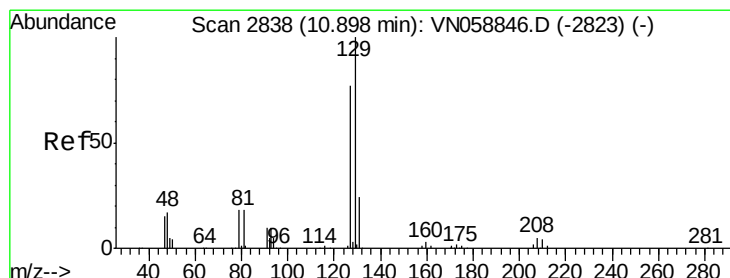
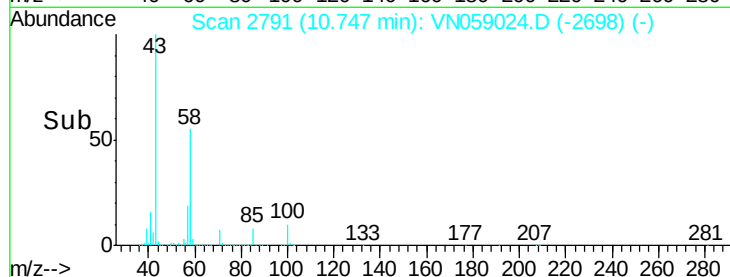
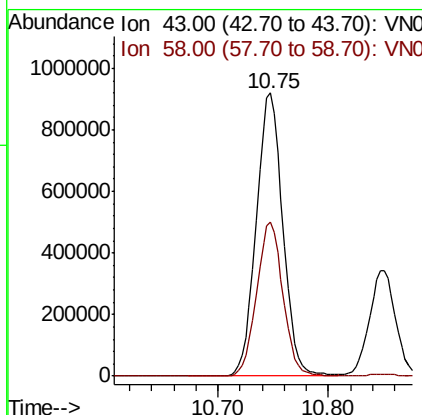
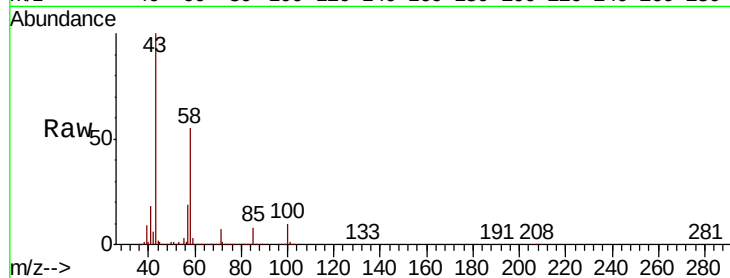




#59
2-Hexanone
Concen: 289.242 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

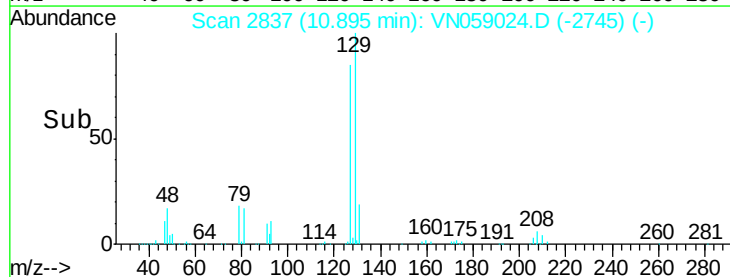
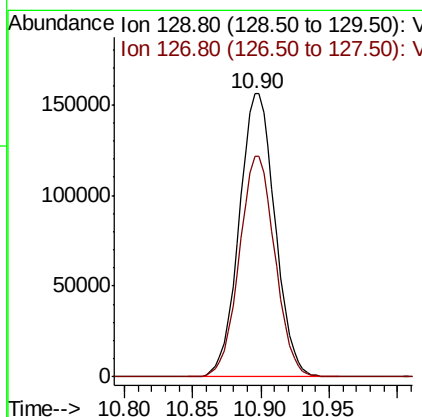
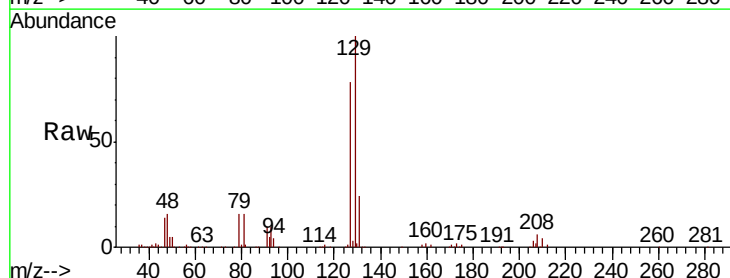
Instrument :
MSVOA_N
ClientSampled :

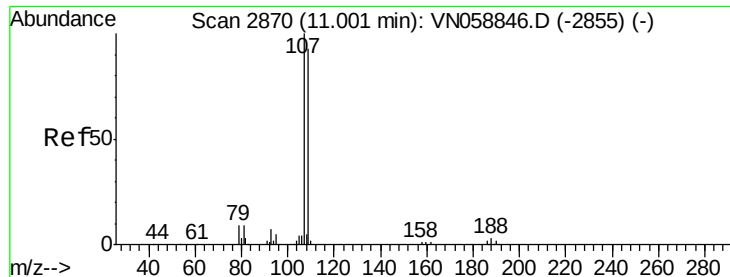
Tot Ion: 43 Resp: 1537123
Ion Ratio Lower Upper
43 100
58 54.1 25.9 77.7



#60
Dibromochloromethane
Concen: 54.738 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 129 Resp: 284777
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

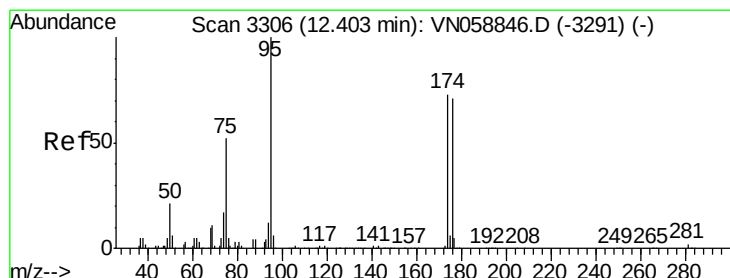
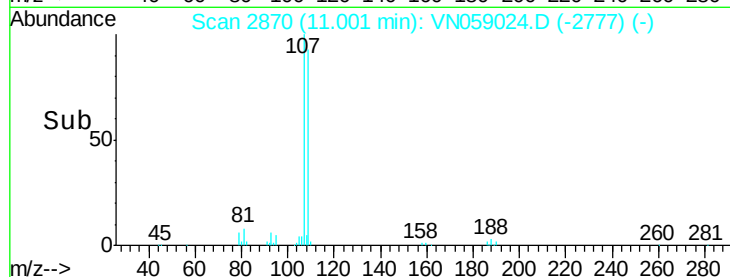
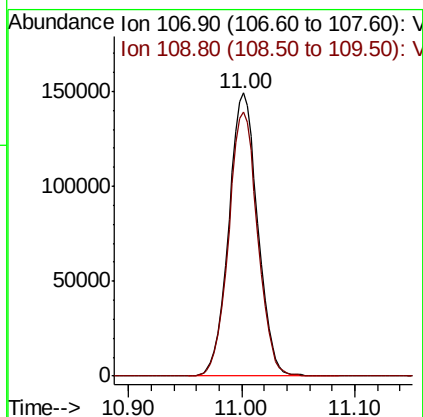
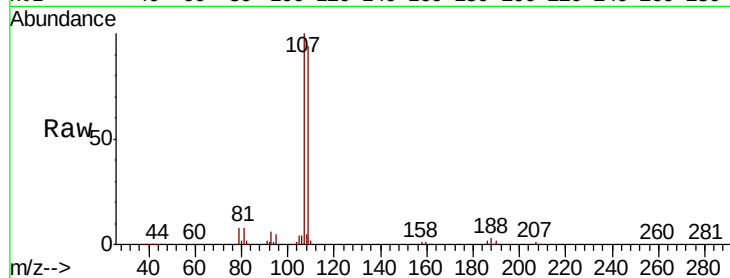




#61
 1,2-Dibromoethane
 Concen: 53.526 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

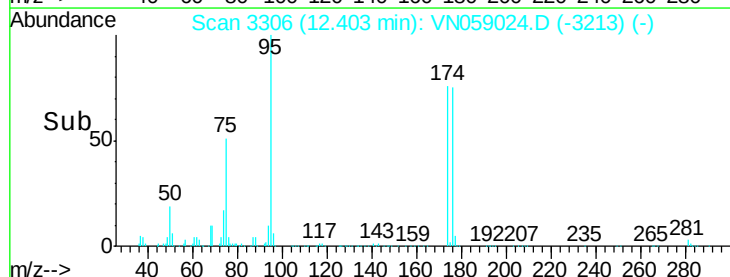
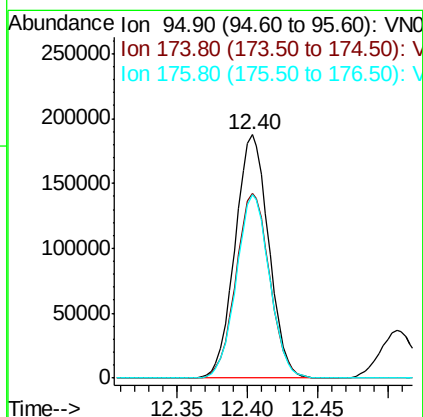
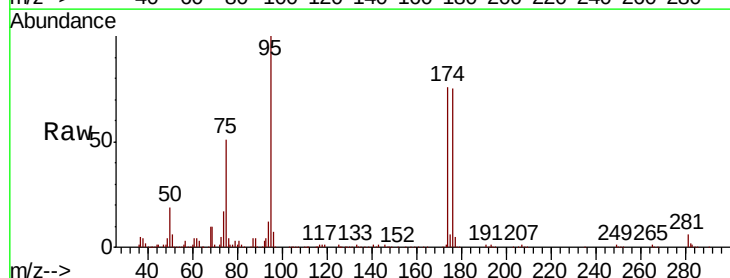
Instrument :
 MSVOA_N
 ClientSampleId :

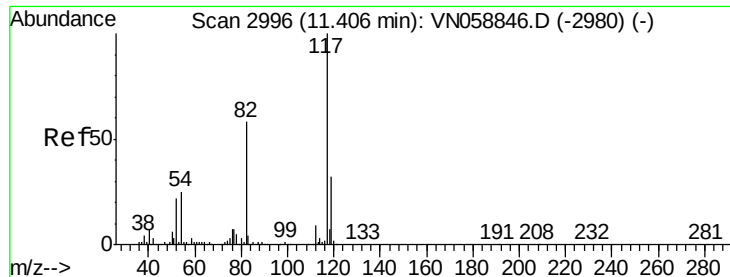
Tot Ion: 107 Resp: 264764
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 50.884 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion: 95 Resp: 313864
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 147.6
 176 74.5 0.0 143.2

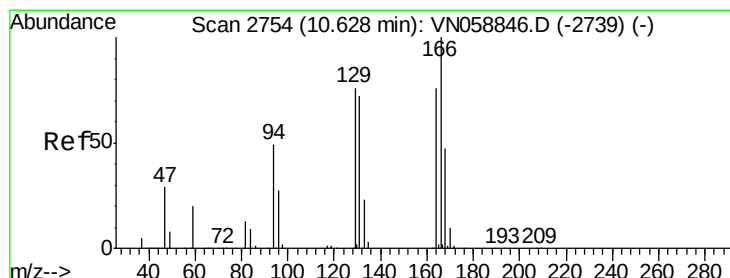
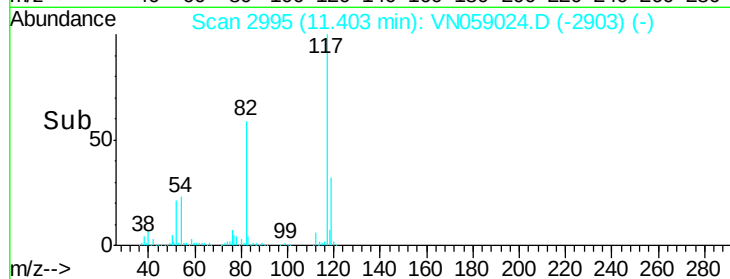
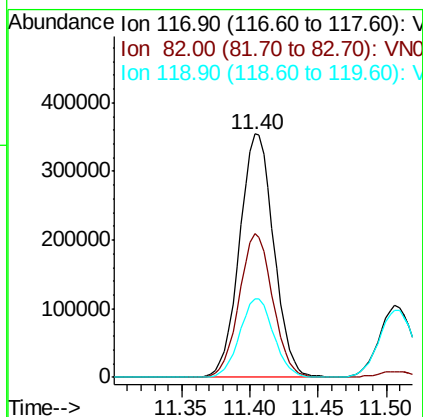
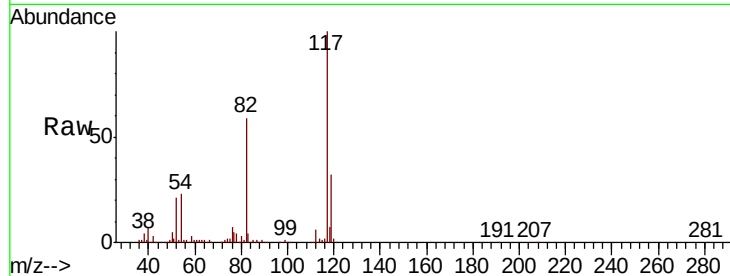




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

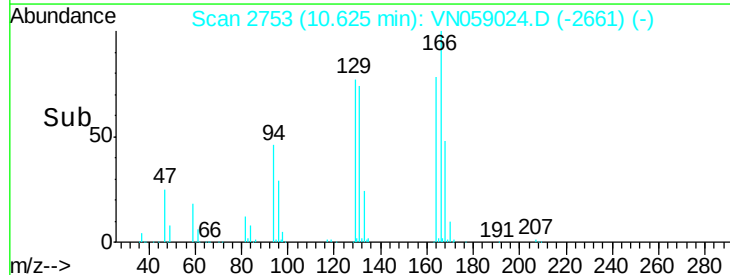
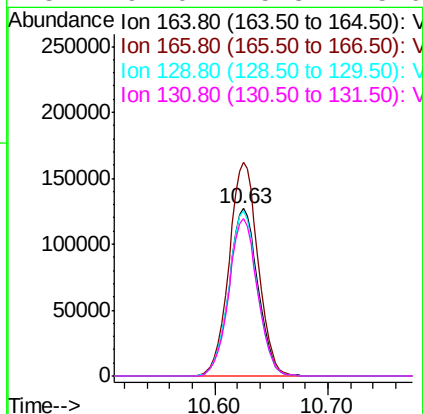
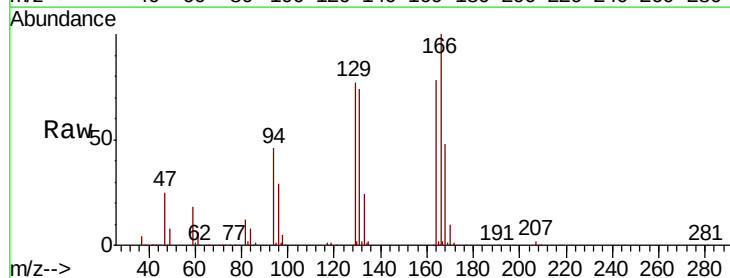
Instrument :
MSVOA_N
ClientSampled :

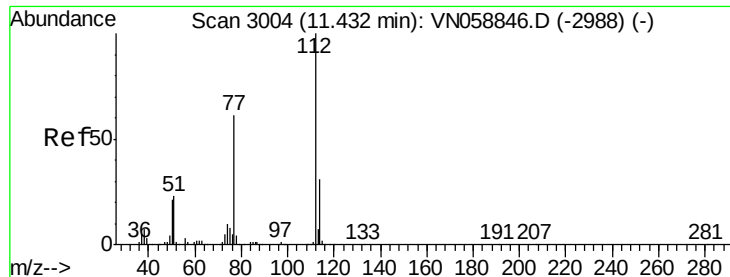
Tot Ion:117 Resp: 617616
Ion Ratio Lower Upper
117 100
82 58.9 46.6 69.8
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 52.193 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion:164 Resp: 225756
Ion Ratio Lower Upper
164 100
166 127.6 104.8 157.2
129 98.8 79.3 118.9
131 94.0 75.8 113.6

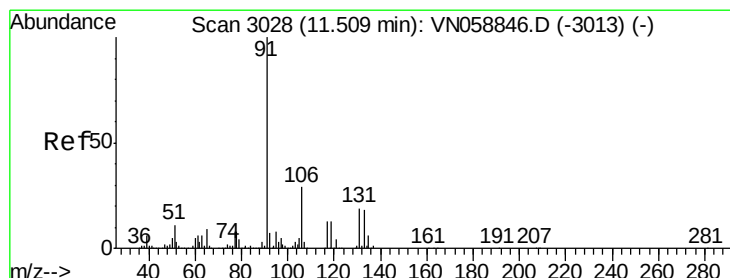
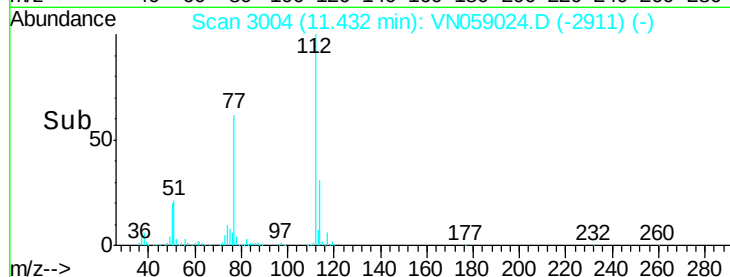
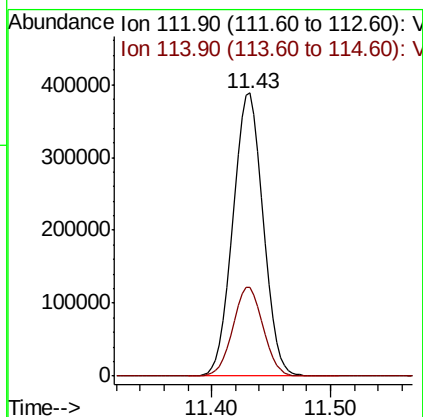
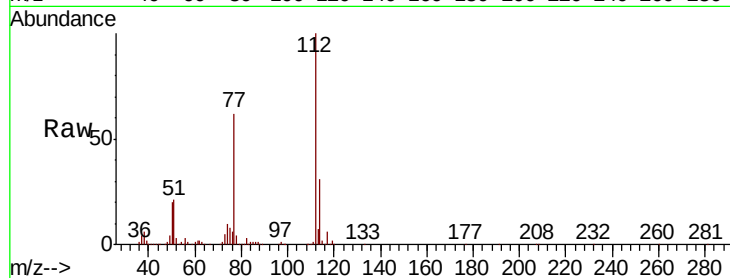




#65
Chlorobenzene
Concen: 54.445 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

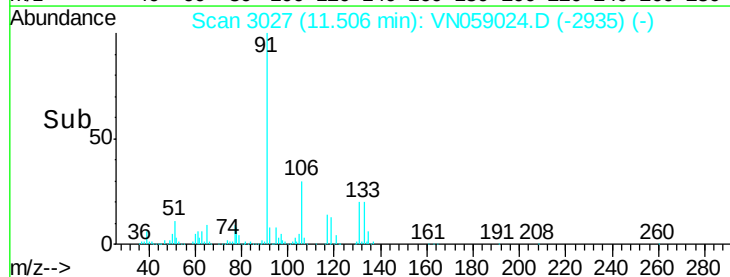
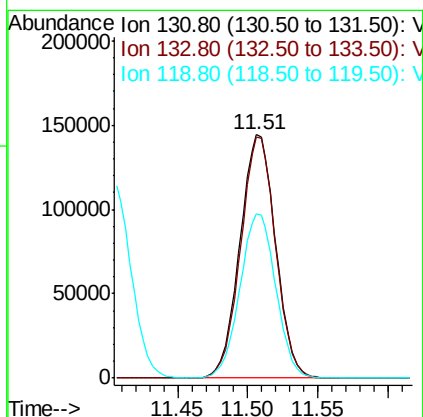
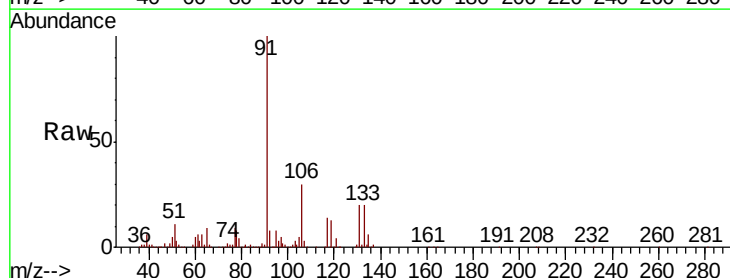
Instrument :
MSVOA_N
ClientSampled :

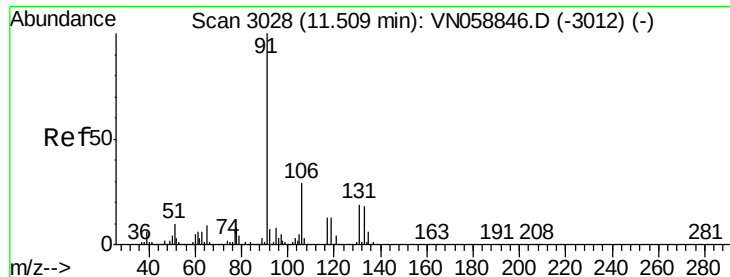
Tot Ion:112 Resp: 684584
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.874 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion:131 Resp: 255625
Ion Ratio Lower Upper
131 100
133 97.2 48.4 145.2
119 68.1 33.6 100.8

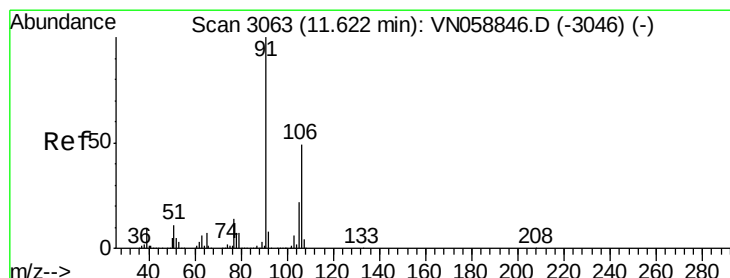
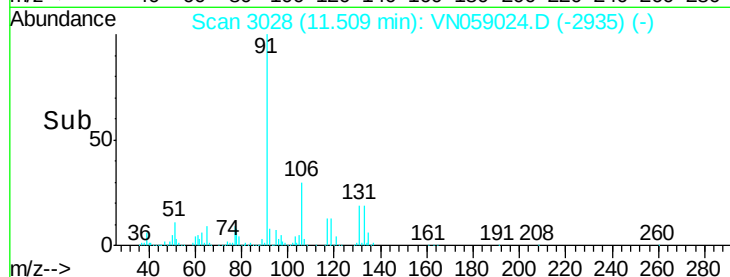
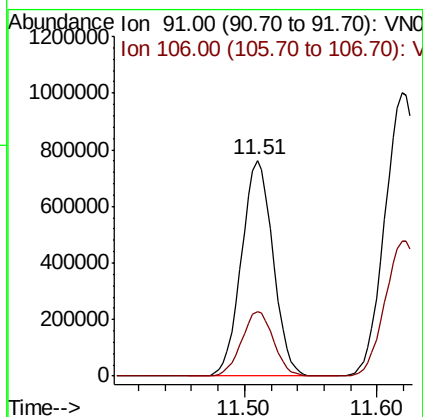
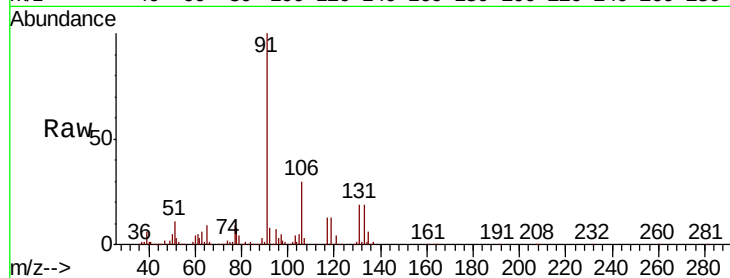




#67
Ethyl Benzene
Concen: 57.076 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

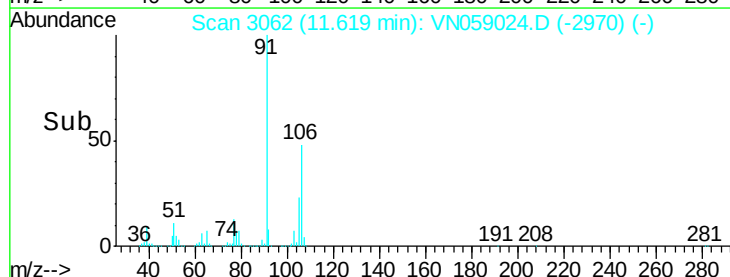
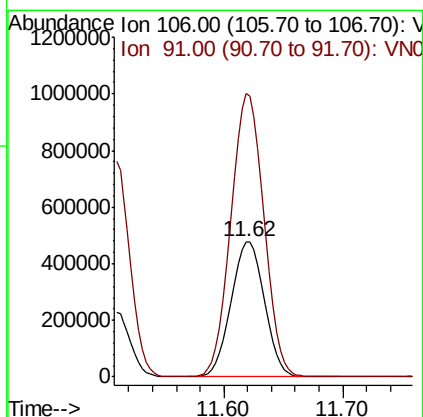
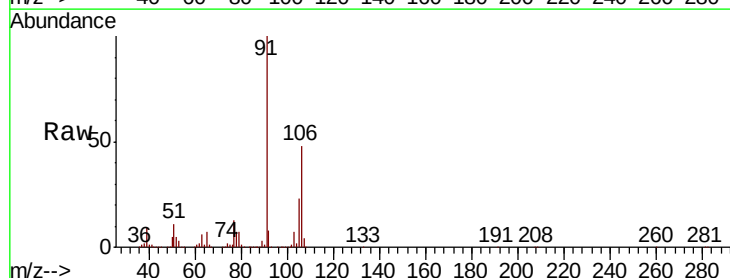
Instrument :
MSVOA_N
ClientSampled :

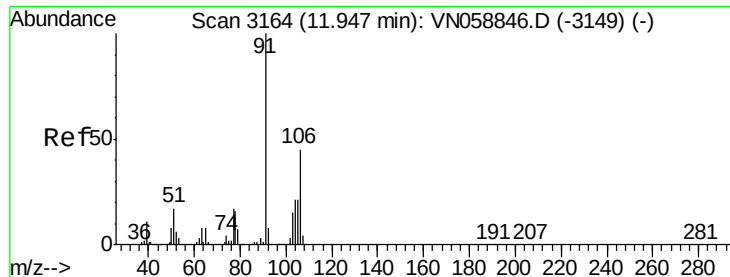
Tot Ion: 91 Resp: 1258937
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.0



#68
m/p-Xylenes
Concen: 113.342 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 106 Resp: 927131
Ion Ratio Lower Upper
106 100
91 207.8 166.6 249.8

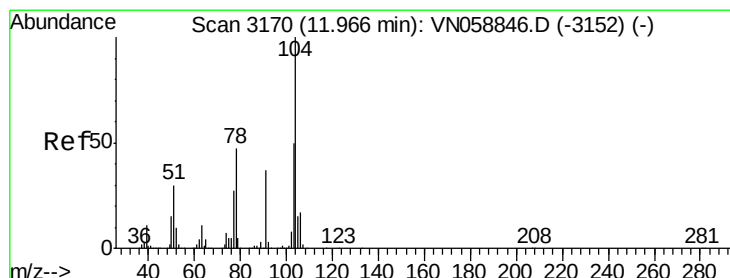
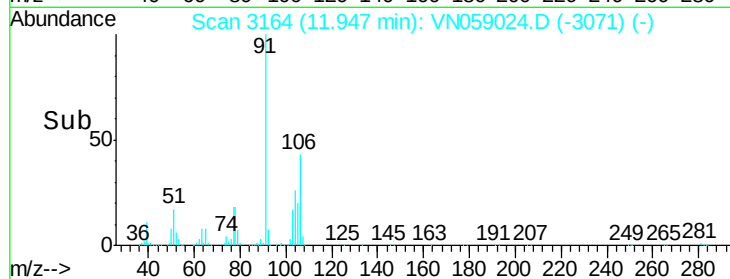
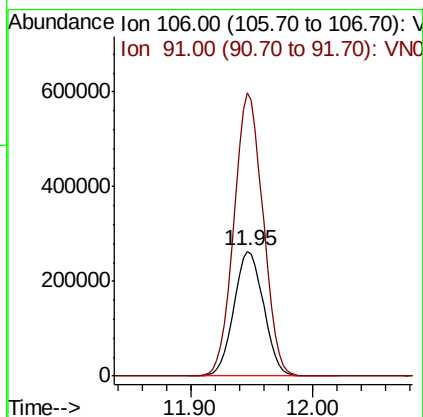
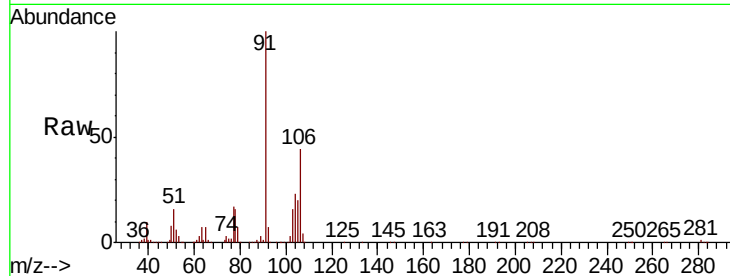




#69
o-Xylene
Concen: 56.988 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

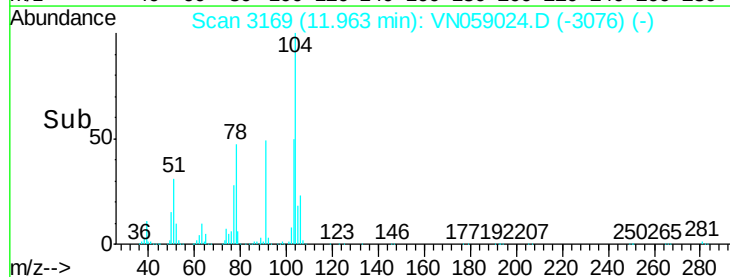
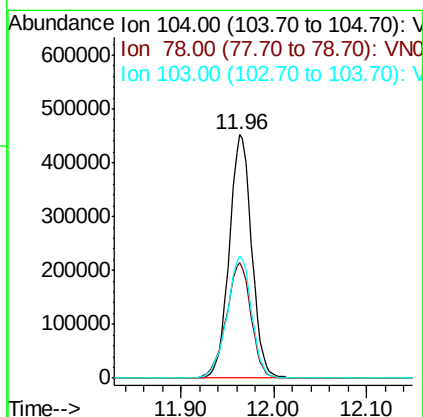
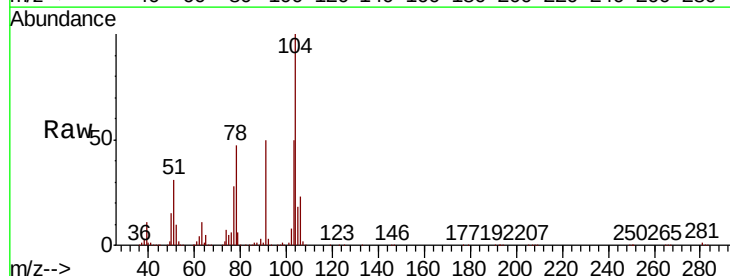
Instrument :
MSVOA_N
ClientSampled :

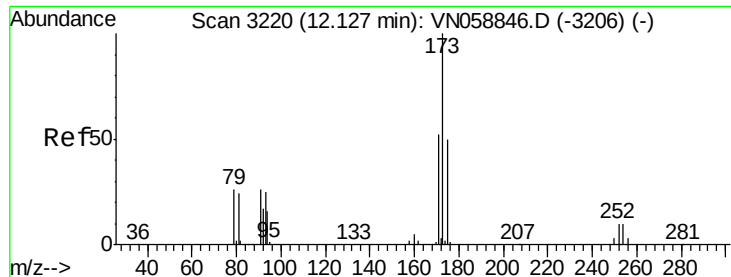
Tot Ion:106 Resp: 444593
Ion Ratio Lower Upper
106 100
91 222.6 111.5 334.4



#70
Styrene
Concen: 52.412 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion:104 Resp: 755980
Ion Ratio Lower Upper
104 100
78 52.4 42.8 64.2
103 54.9 44.3 66.5





#71

Bromoform

Concen: 56.686 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

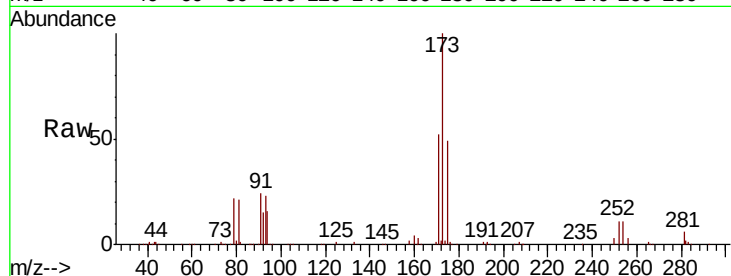
Tot Ion:173 Resp: 208566

Ion Ratio Lower Upper

173 100

175 47.9 24.7 74.1

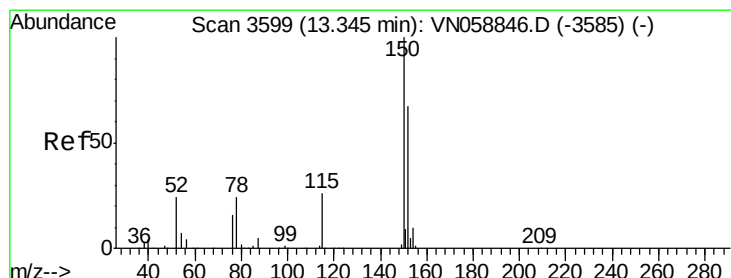
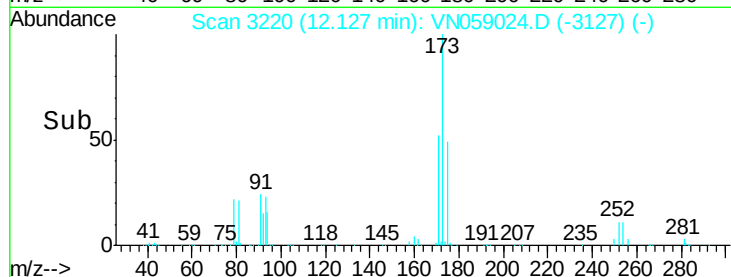
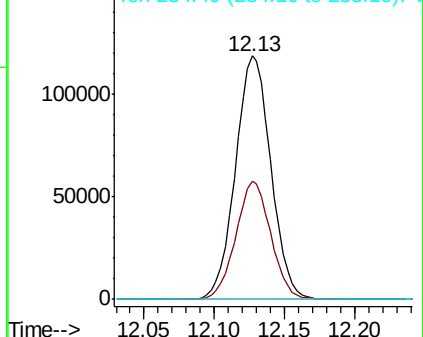
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

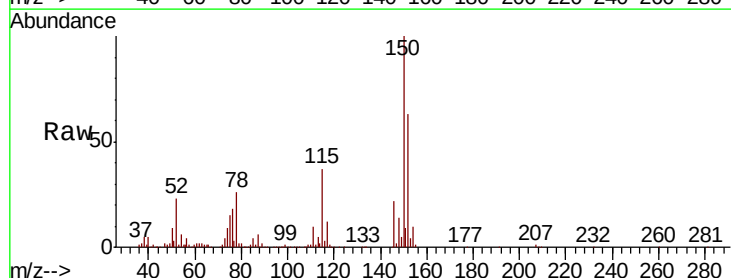
Tgt Ion:152 Resp: 309905

Ion Ratio Lower Upper

152 100

115 58.1 30.5 91.5

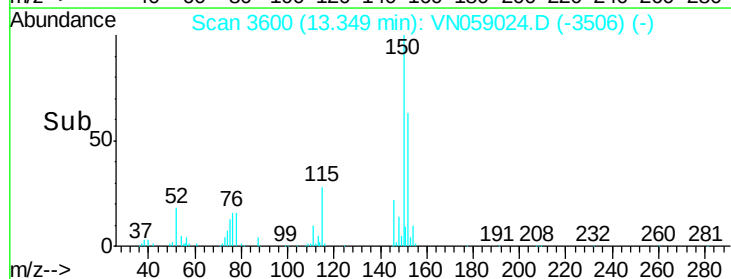
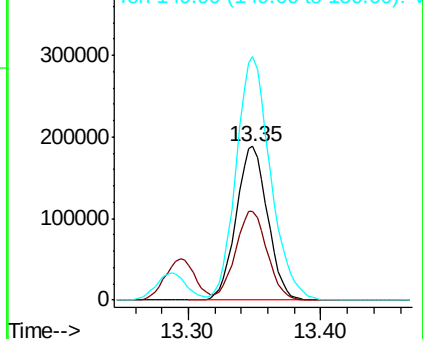
150 173.3 0.0 344.4

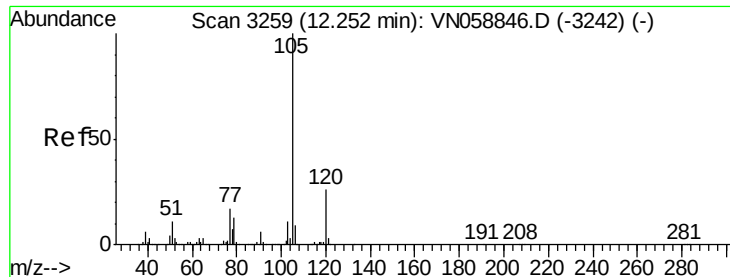


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.185 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

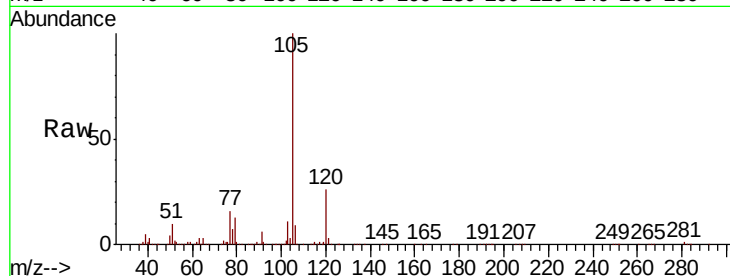
ClientSampleId :

Tot Ion:105 Resp: 1227187

Ion Ratio Lower Upper

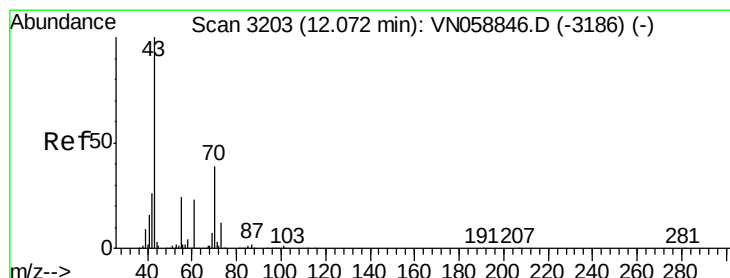
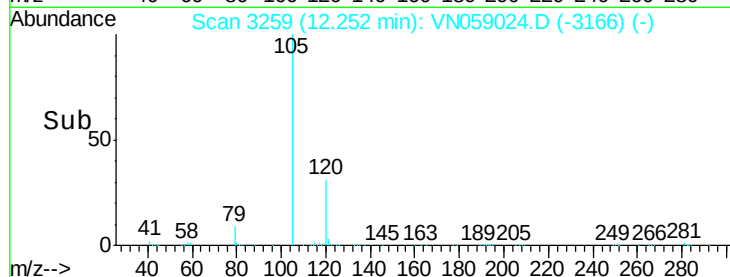
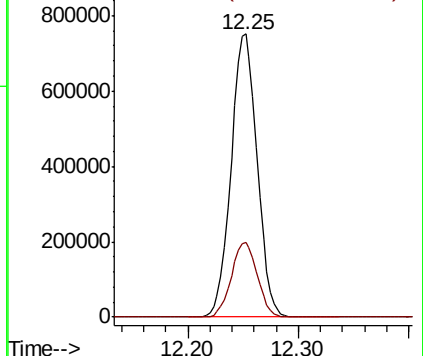
105 100

120 26.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.520 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Tgt Ion: 43 Resp: 559799

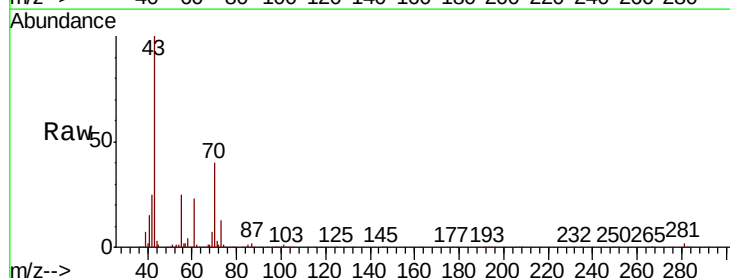
Ion Ratio Lower Upper

43 100

70 39.9 30.9 46.3

55 24.9 19.7 29.5

61 23.5 18.2 27.4

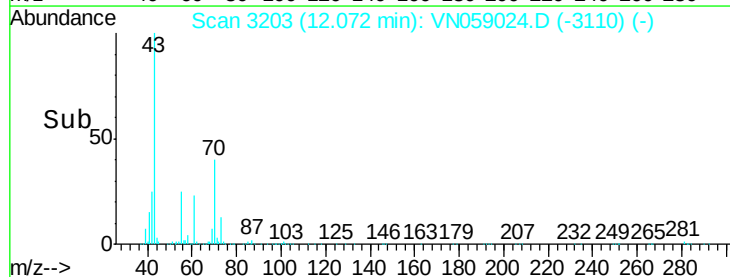
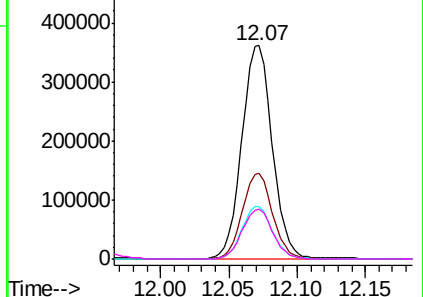


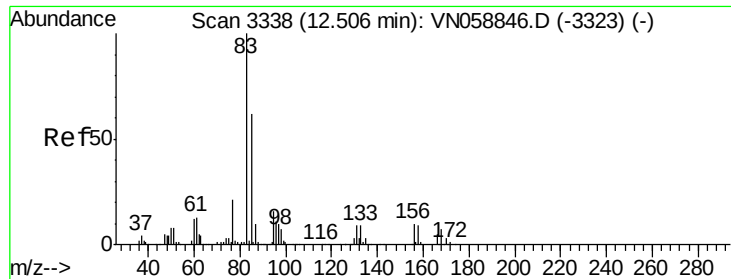
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.735 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampled :

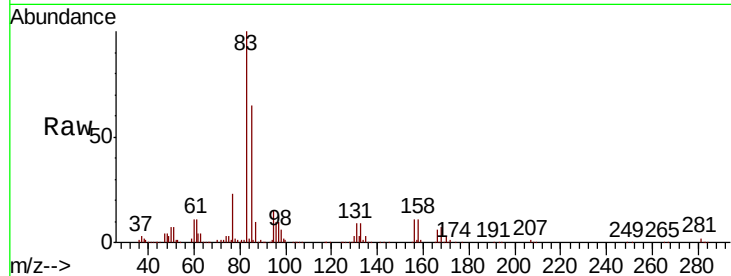
Tot Ion: 83 Resp: 404033

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

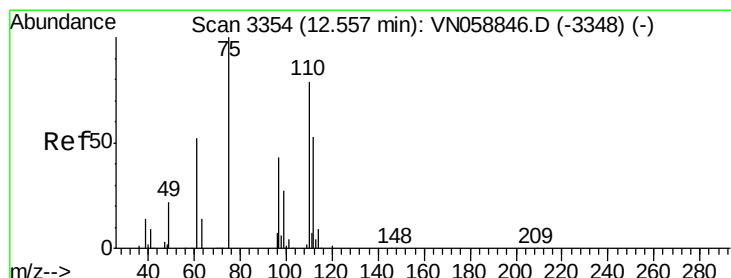
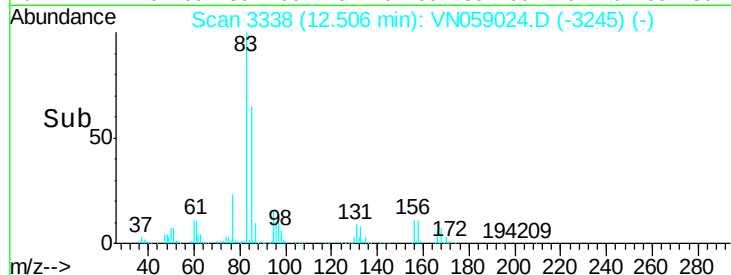
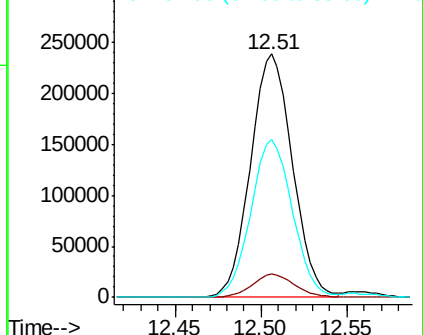
85 64.2 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.752 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059024.D

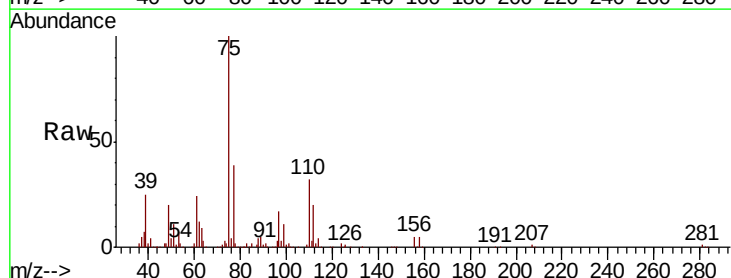
Acq: 31 Oct 2019 8:56

Tgt Ion: 75 Resp: 536898

Ion Ratio Lower Upper

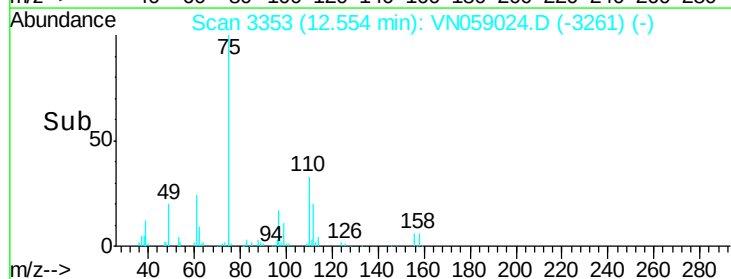
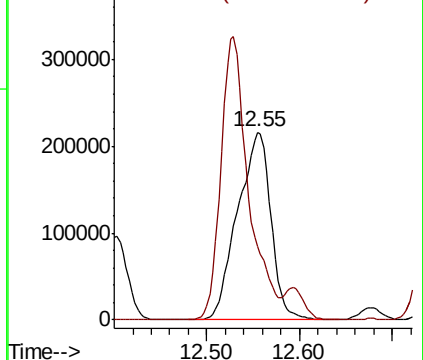
75 100

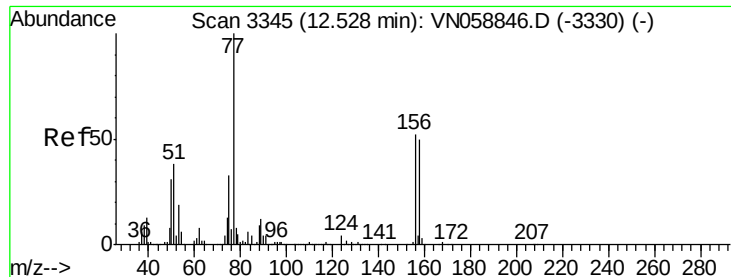
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 52.594 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampled :

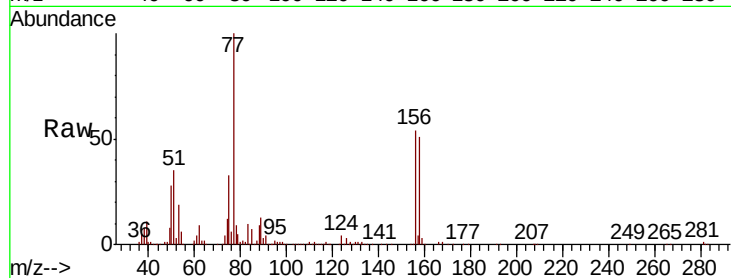
Tot Ion:156 Resp: 293601

Ion Ratio Lower Upper

156 100

77 230.4 118.0 354.0

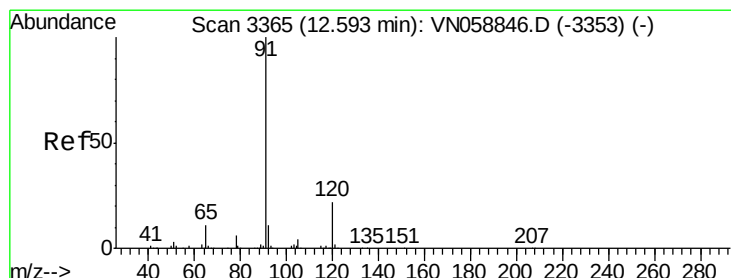
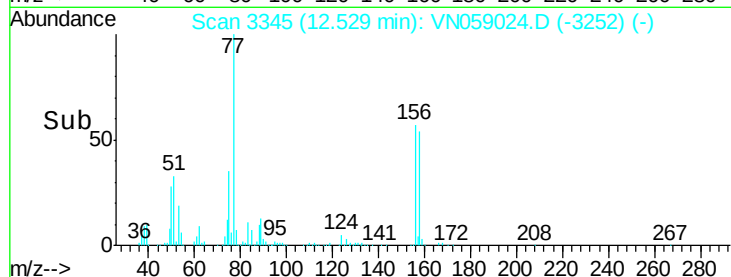
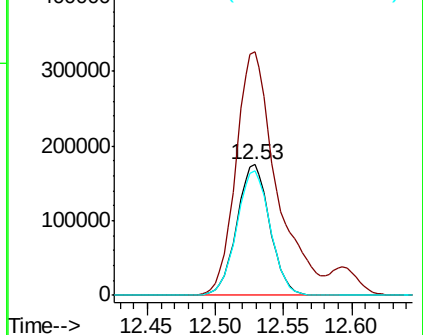
158 97.1 48.3 144.8



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: 54.585 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059024.D

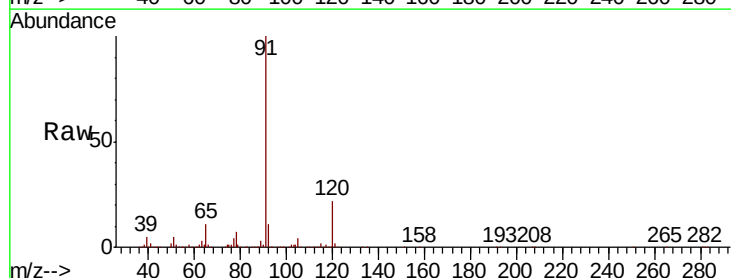
Acq: 31 Oct 2019 8:56

Tgt Ion: 91 Resp: 1461317

Ion Ratio Lower Upper

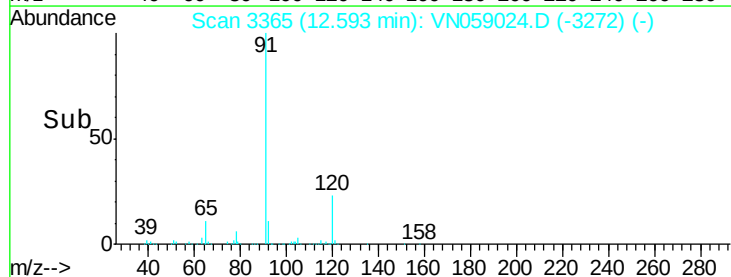
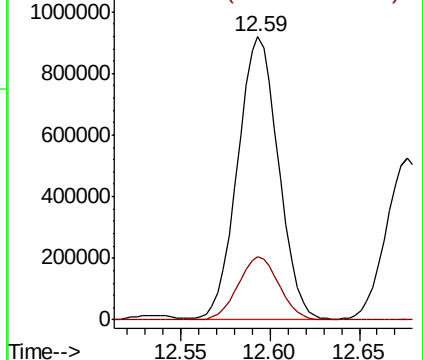
91 100

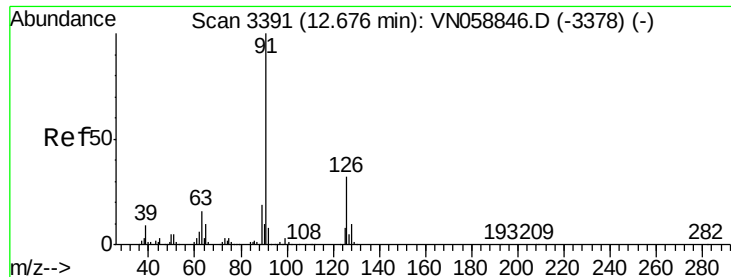
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.290 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

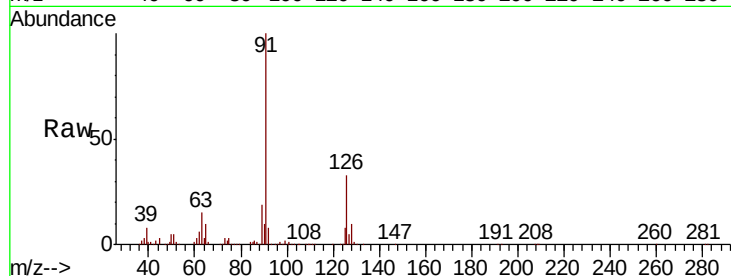
ClientSampled :

Tot Ion: 91 Resp: 856771

Ion Ratio Lower Upper

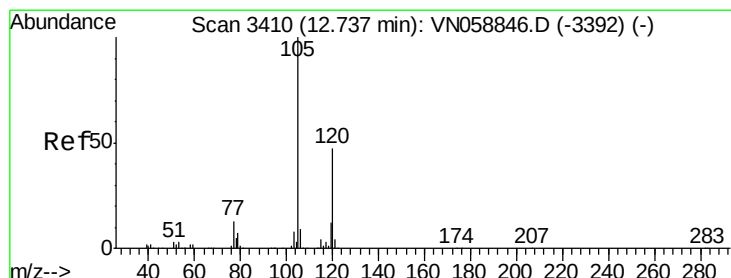
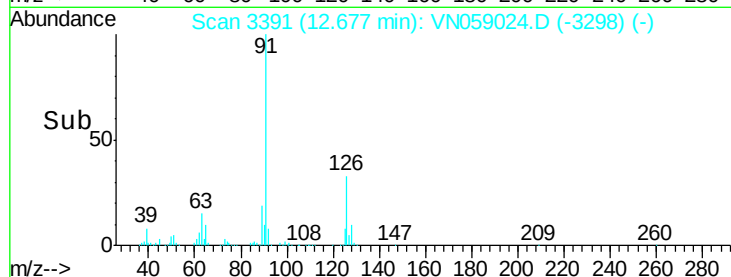
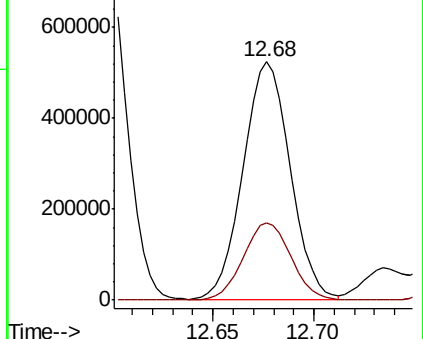
91 100

126 33.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN058846.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.281 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059024.D

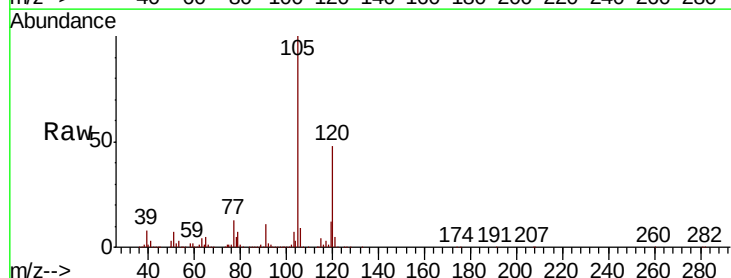
Acq: 31 Oct 2019 8:56

Tgt Ion: 105 Resp: 1051923

Ion Ratio Lower Upper

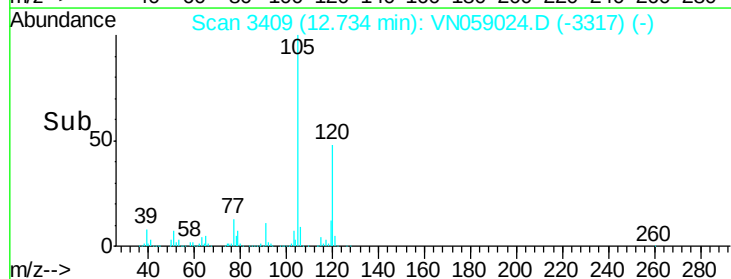
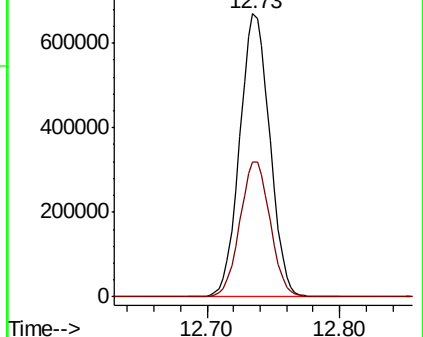
105 100

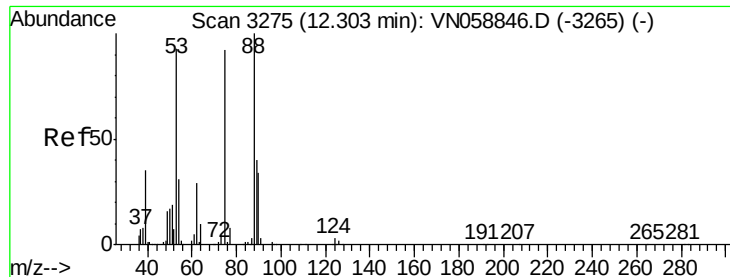
120 48.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN058846.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN058846.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.689 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampled :

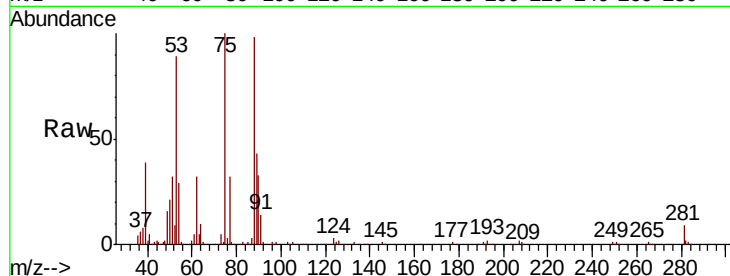
Tot Ion: 75 Resp: 148025

Ion Ratio Lower Upper

75 100

53 90.8 78.6 118.0

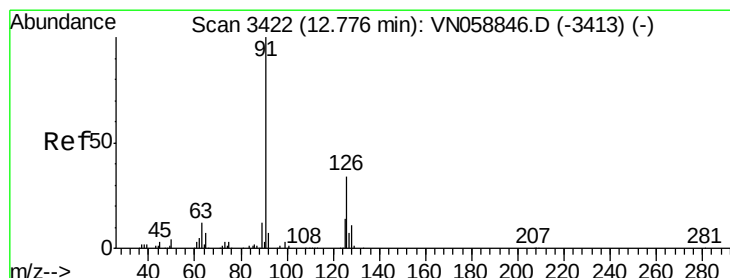
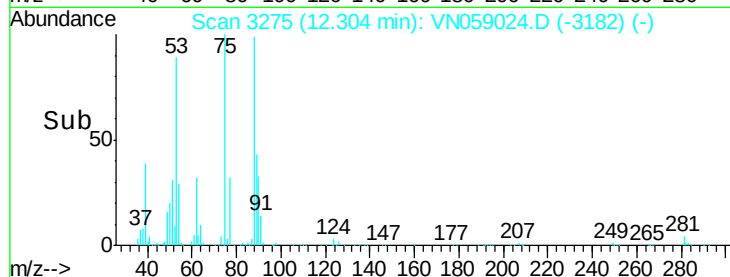
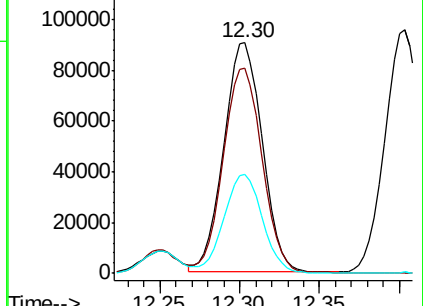
89 43.2 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN058846.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN058846.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN058846.D (-3265) (-)



#82

4-Chlorotoluene

Concen: 53.504 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059024.D

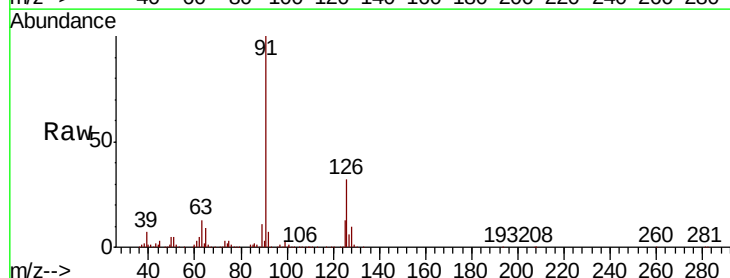
Acq: 31 Oct 2019 8:56

Tgt Ion: 91 Resp: 895888

Ion Ratio Lower Upper

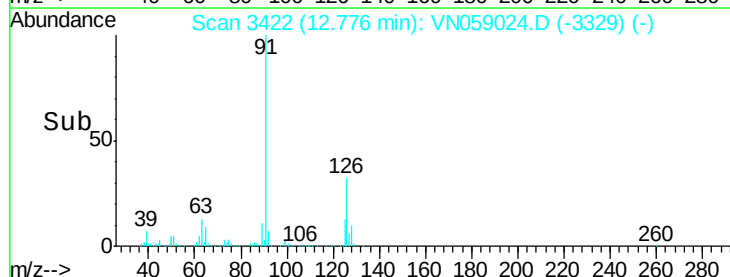
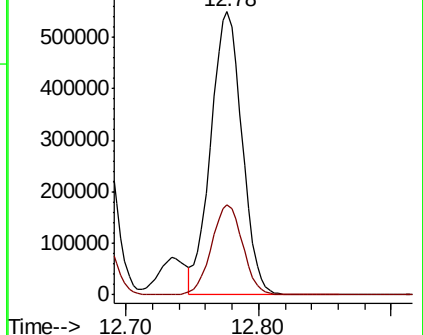
91 100

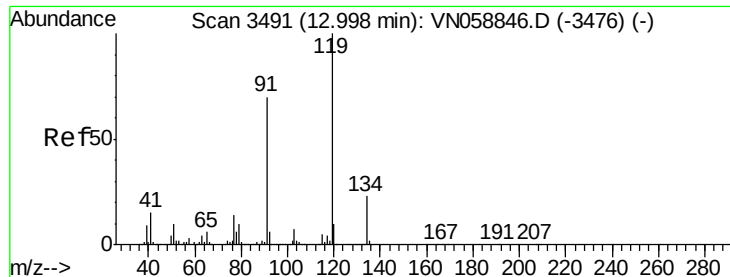
126 31.7 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN058846.D (-3413) (-)

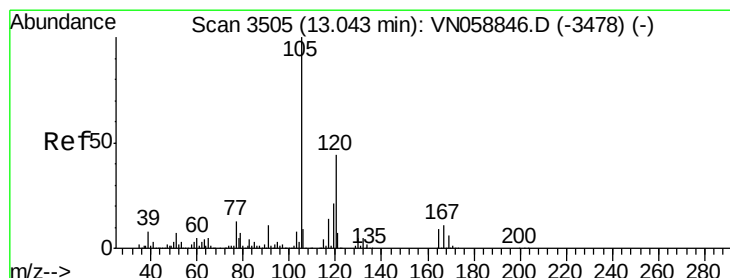
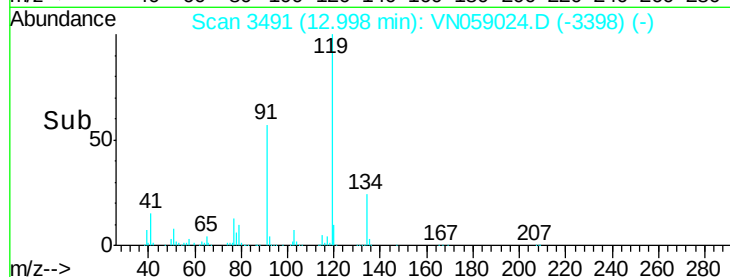
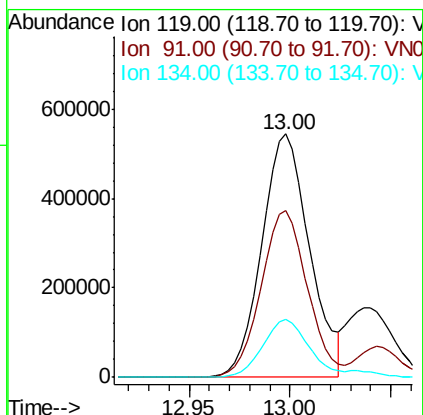
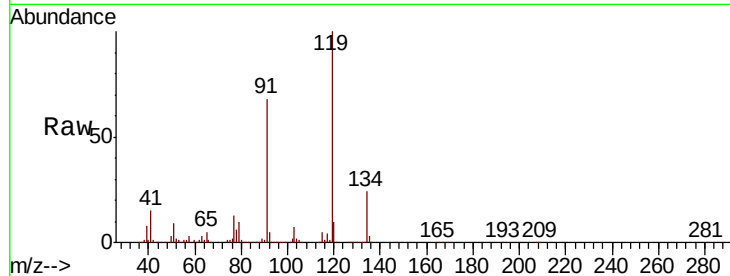




#83
 tert-Butylbenzene
 Concen: 55.195 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

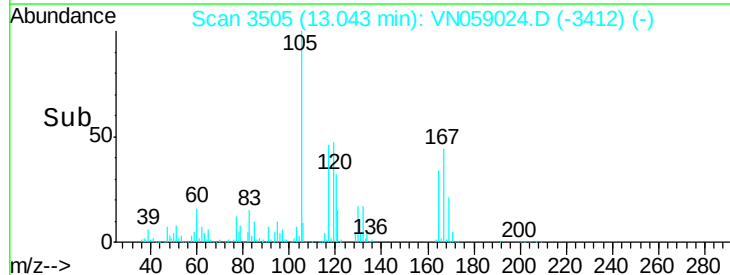
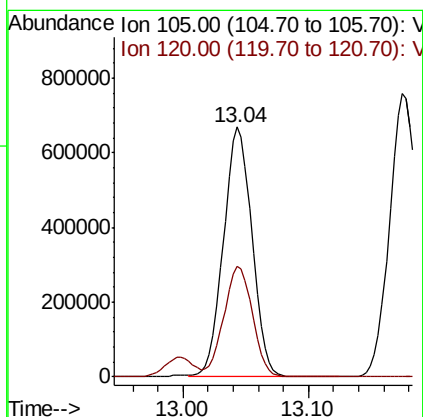
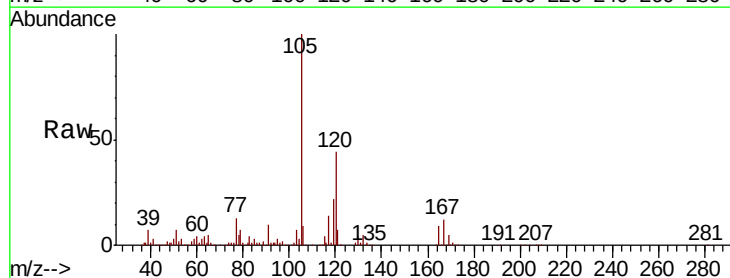
Instrument :
 MSVOA_N
 ClientSampleId :

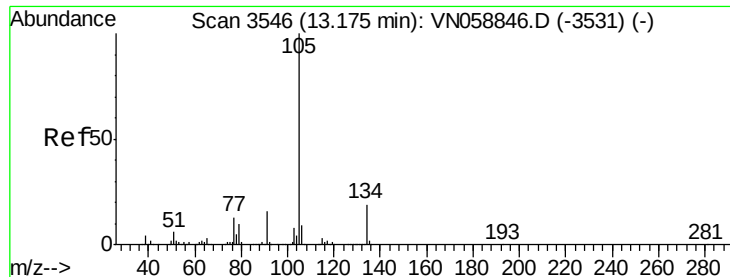
Tot Ion:119 Resp: 898134
 Ion Ratio Lower Upper
 119 100
 91 66.4 34.1 102.3
 134 22.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.950 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion:105 Resp: 1050123
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 55.766 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

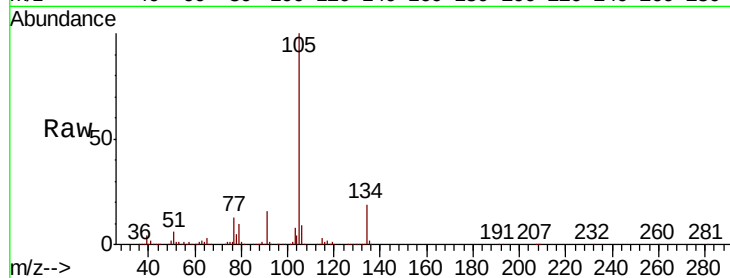
ClientSampleId :

Tot Ion:105 Resp: 1209836

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

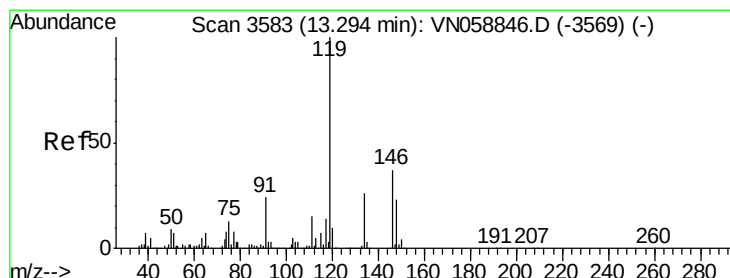
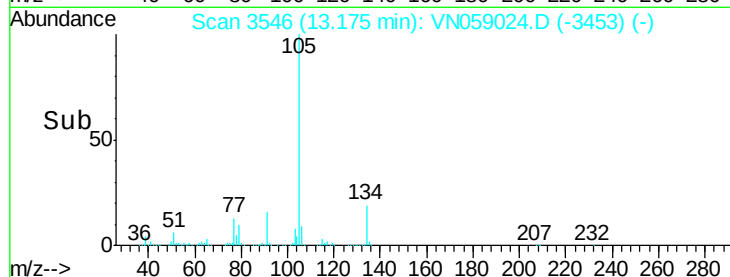
400000

200000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 57.716 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

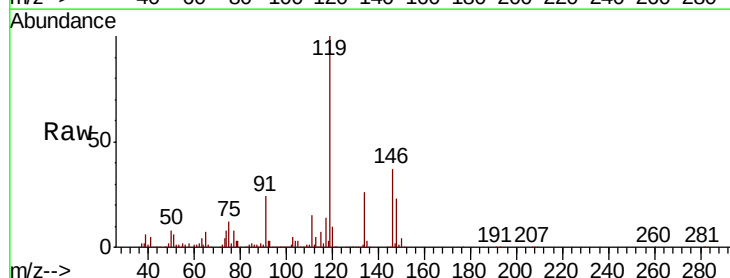
Tgt Ion:119 Resp: 1104825

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 23.6 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

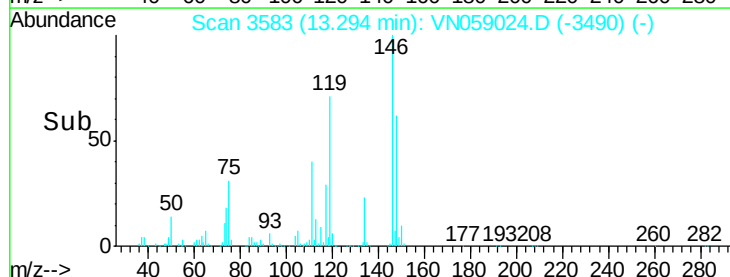
400000

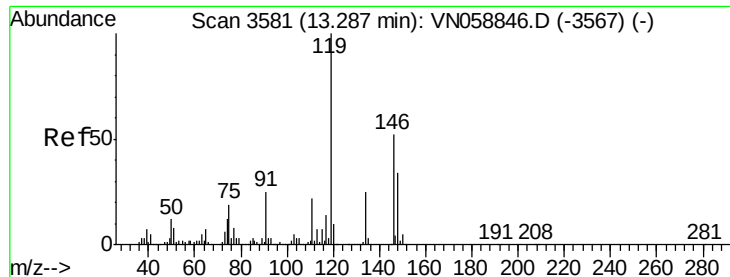
200000

0

13.25 13.30 13.35

Time-->

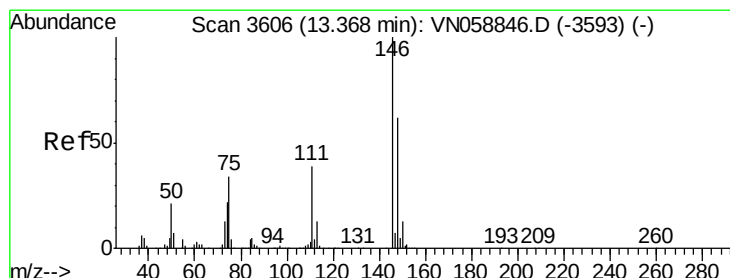
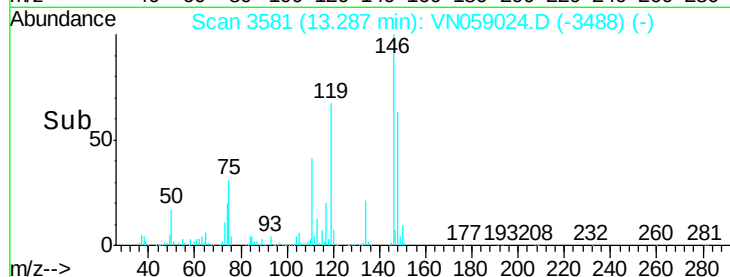
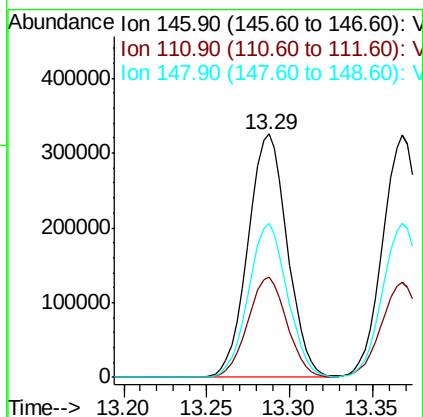
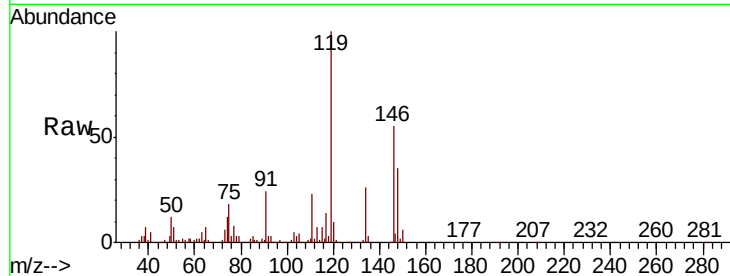




#87
 1,3-Dichlorobenzene
 Concen: 53.722 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

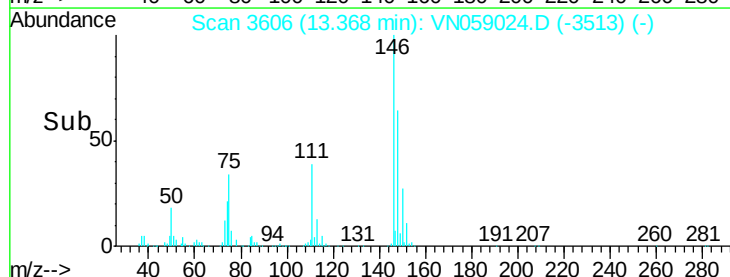
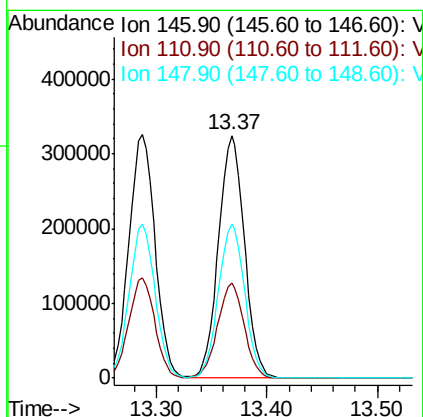
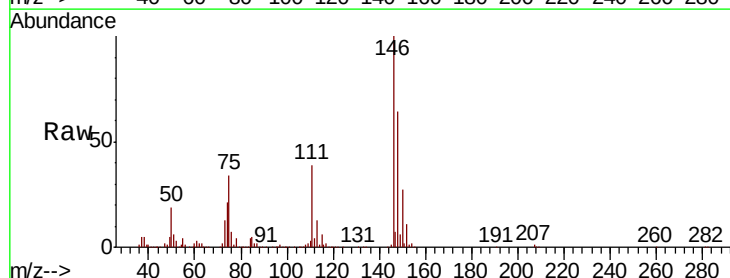
Instrument :
 MSVOA_N
 ClientSampled :

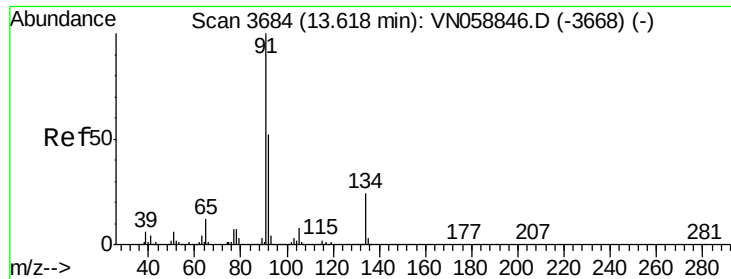
Tot Ion:146 Resp: 536243
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.0 63.0
 148 62.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.969 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion:146 Resp: 529358
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.2 60.6
 148 64.0 31.6 94.7

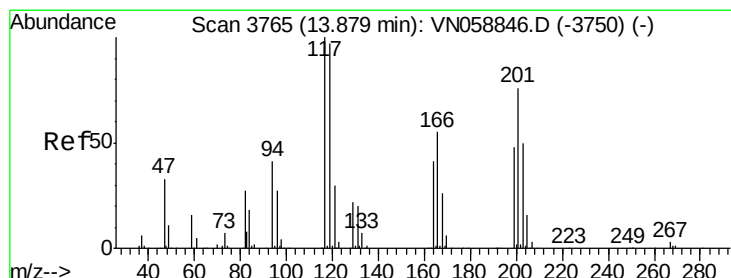
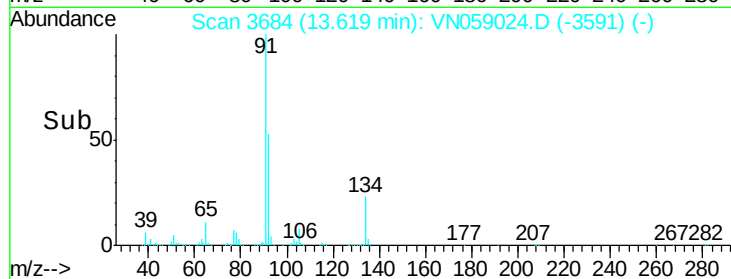
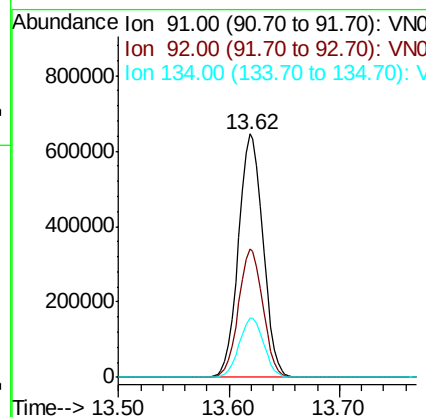
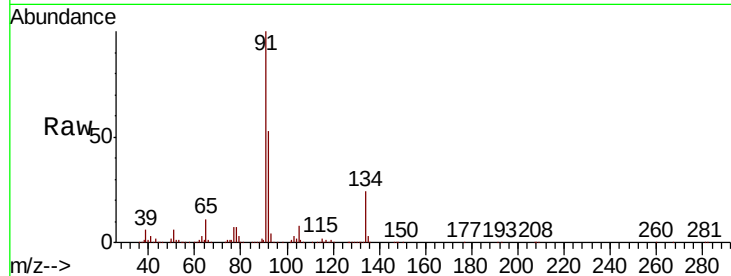




#89
n-Butylbenzene
Concen: 56.658 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

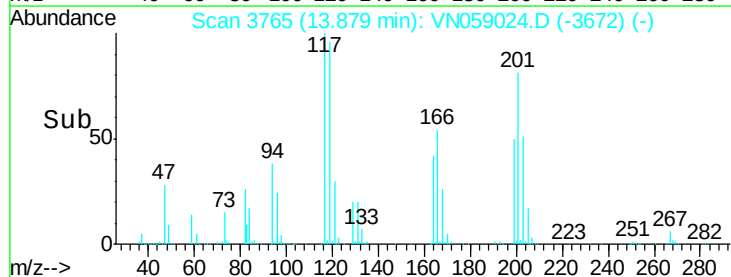
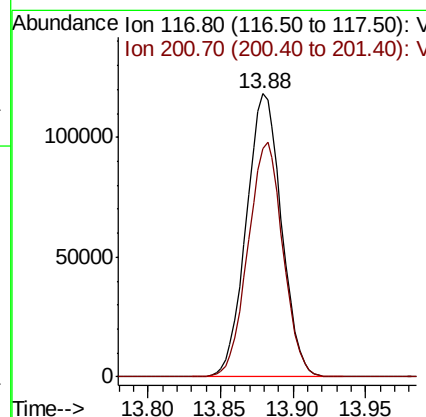
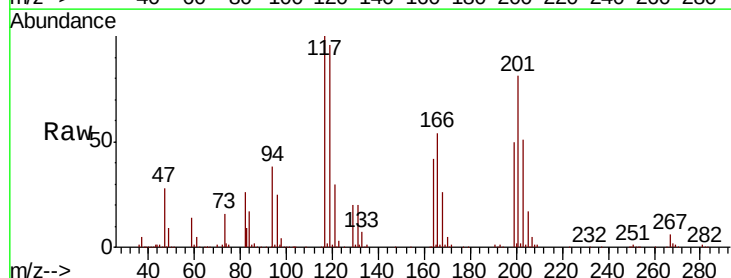
Instrument :
MSVOA_N
ClientSampled :

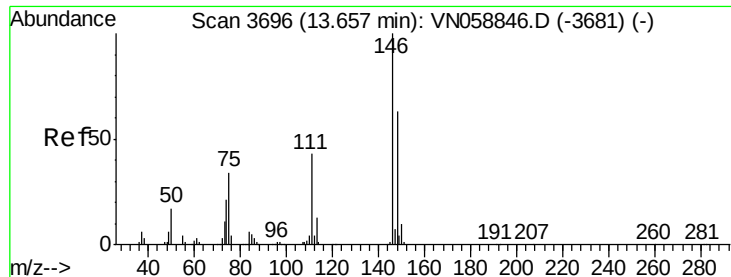
Tot Ion: 91 Resp: 996298
Ion Ratio Lower Upper
91 100
92 52.4 25.7 77.1
134 24.4 11.9 35.5



#90
Hexachloroethane
Concen: 51.599 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059024.D
Acq: 31 Oct 2019 8:56

Tgt Ion: 117 Resp: 200147
Ion Ratio Lower Upper
117 100
201 82.1 38.9 116.6





#91

1,2-Dichlorobenzene

Concen: 53.086 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059024.D

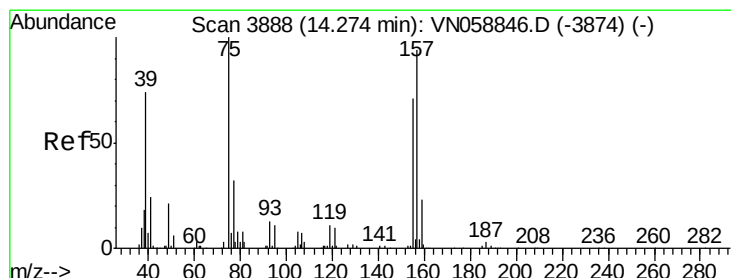
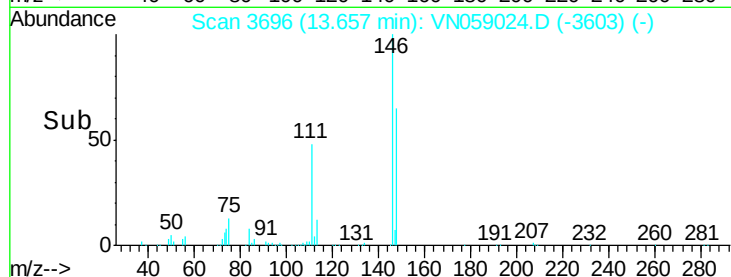
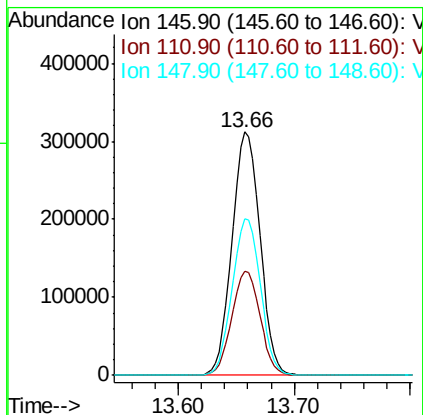
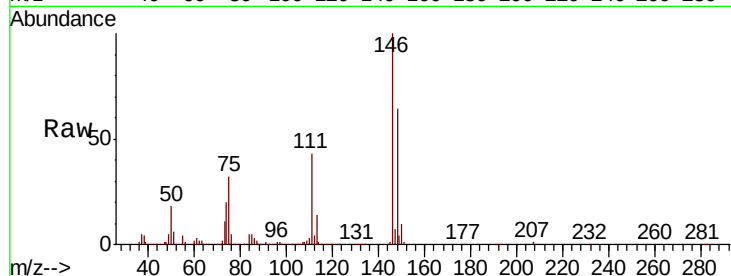
Acq: 31 Oct 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	520818
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.8
148	64.9	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.034 ug/l

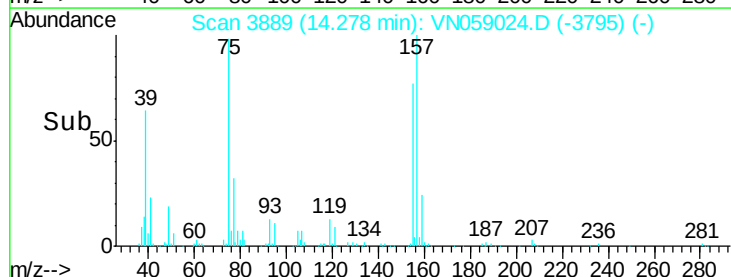
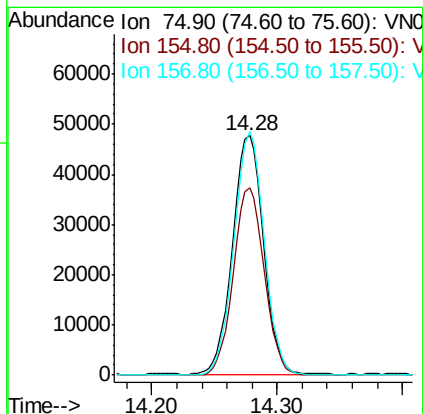
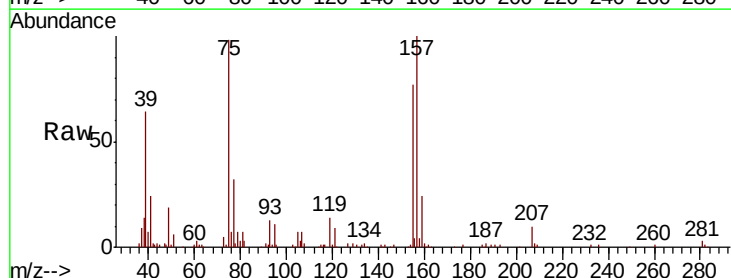
RT: 14.28 min Scan# 3889

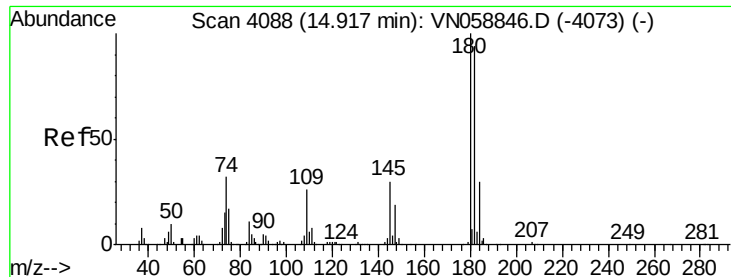
Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Tgt Ion:	75	Resp:	82916
Ion	Ratio	Lower	Upper
75	100		
155	77.0	35.6	106.8
157	97.9	47.4	142.2

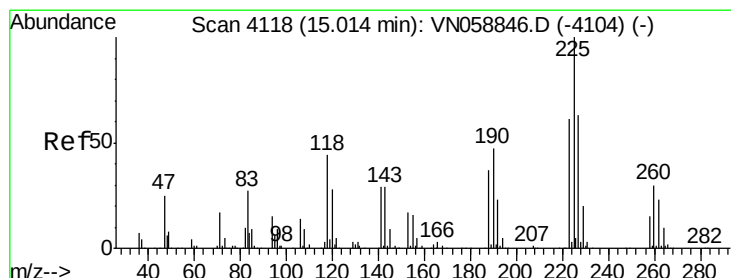
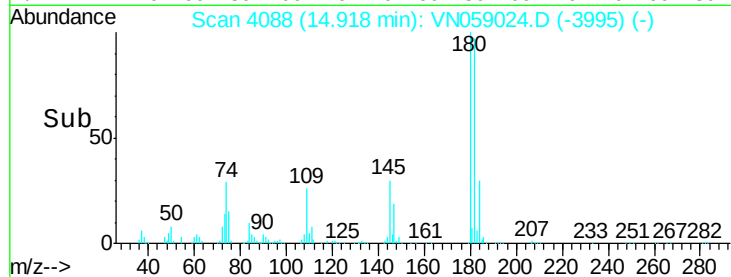
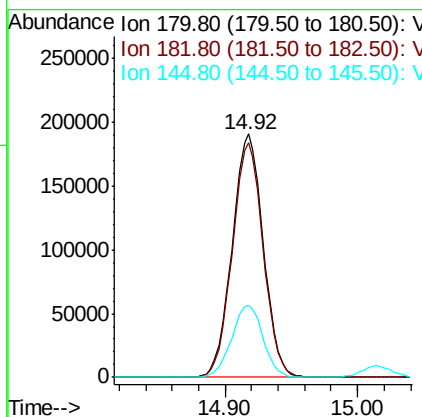
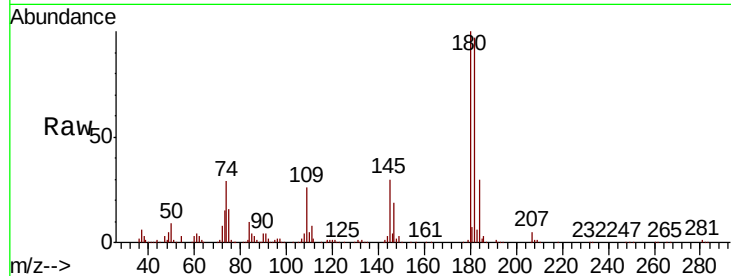




#93
 1,2,4-Trichlorobenzene
 Concen: 50.207 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

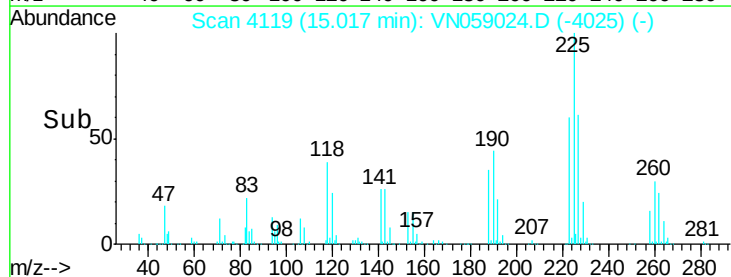
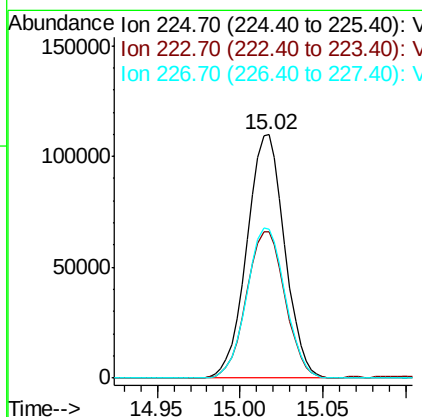
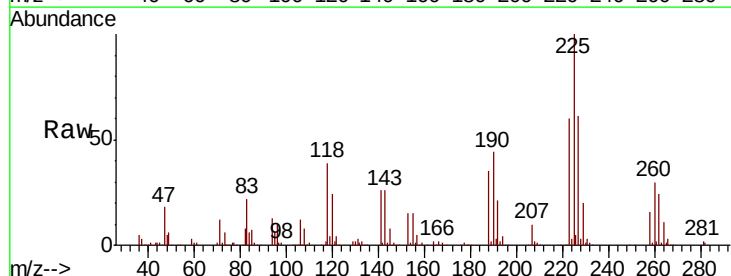
Instrument :
 MSVOA_N
 ClientSampled :

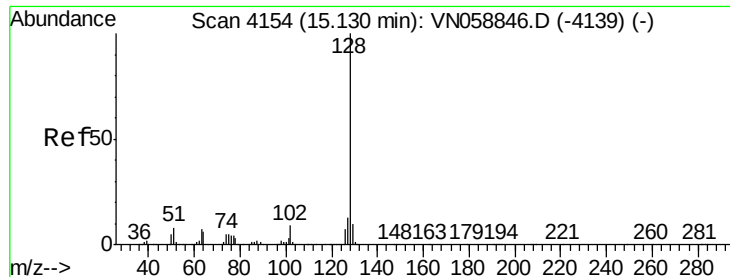
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	30.1	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 54.557 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN059024.D
 Acq: 31 Oct 2019 8:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.9	92.5
227	63.0	31.6	94.7





#95

Naphthalene

Concen: 47.419 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

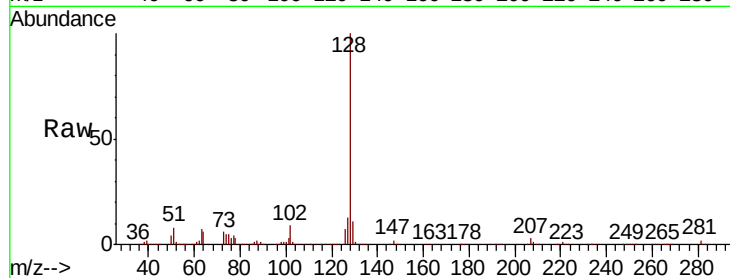
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 839596

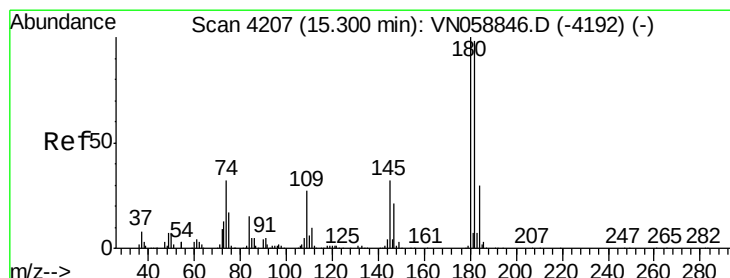
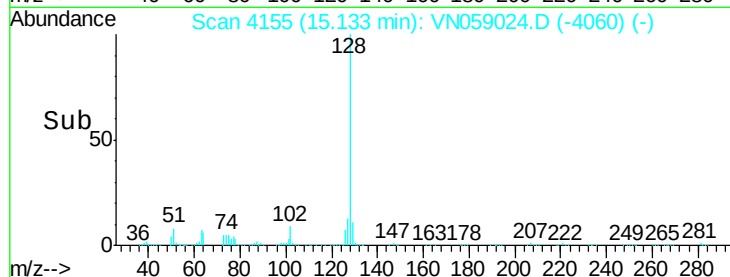
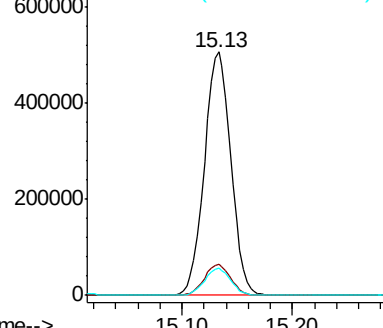
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.4	12.6



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: 49.825 ug/l

RT: 15.30 min Scan# 4207

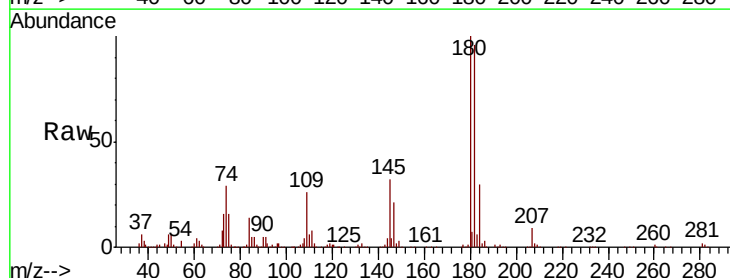
Delta R.T. 0.00 min

Lab File: VN059024.D

Acq: 31 Oct 2019 8:56

Tgt Ion:180 Resp: 299527

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	32.2	15.9	47.7



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

