

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059260.D
 Acq On : 15 Nov 2019 13:08
 Operator : JC/SP
 Sample : VN1115MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:27:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	382515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	593437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	534180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	235282	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.57	113	189012	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.08	98	711512	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	257435	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68204	17.697	ug/l	97
3) Chloromethane	2.04	50	91618	17.488	ug/l	96
4) Vinyl Chloride	2.17	62	94727	18.650	ug/l	98
5) Bromomethane	2.55	94	54999	18.817	ug/l	96
6) Chloroethane	2.69	64	56571	18.828	ug/l	97
7) Trichlorofluoromethane	3.00	101	122584	20.177	ug/l	99
8) Diethyl Ether	3.39	74	49778	20.165	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	73574	20.086	ug/l	99
10) Methyl Iodide	3.93	142	86656	19.112	ug/l	98
11) Tert butyl alcohol	4.75	59	84438	94.226	ug/l	100
12) 1,1-Dichloroethene	3.72	96	69095	19.364	ug/l	100
13) Acrolein	3.58	56	27473	59.463	ug/l	95
14) Allyl chloride	4.30	41	142563	19.450	ug/l	98
15) Acrylonitrile	4.96	53	243084	109.000	ug/l	99
16) Acetone	3.79	43	197261	80.673	ug/l	97
17) Carbon Disulfide	4.03	76	185529	16.749	ug/l	98
18) Methyl Acetate	4.30	43	130791	22.535	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	258765	21.063	ug/l	100
20) Methylene Chloride	4.53	84	86765	20.368	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	75903	19.817	ug/l	98
22) Diisopropyl ether	5.92	45	290783	21.003	ug/l	97
23) Vinyl Acetate	5.87	43	1170318	109.071	ug/l	100
24) 1,1-Dichloroethane	5.82	63	158432	20.489	ug/l	98
25) 2-Butanone	6.81	43	311630	96.701	ug/l	99
26) 2,2-Dichloropropane	6.80	77	133793	19.787	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	92402	20.794	ug/l	97
28) Bromochloromethane	7.17	49	45578	19.592	ug/l	98
29) Tetrahydrofuran	7.19	42	217539	106.239	ug/l	100
30) Chloroform	7.35	83	157044	21.171	ug/l	98
31) Cyclohexane	7.63	56	134547	18.380	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	129553	20.774	ug/l	99
36) 1,1-Dichloropropene	7.77	75	109751	19.786	ug/l	99
37) Ethyl Acetate	6.90	43	129533	20.991	ug/l	99
38) Carbon Tetrachloride	7.75	117	113101	20.486	ug/l	98

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Instrument :
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 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	123865	19.241	ug/l	99
40) Benzene	8.02	78	342988	20.534	ug/l	99
41) Methacrylonitrile	7.18	41	188598	70.285	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	117116	20.443	ug/l	99
43) Isopropyl Acetate	8.15	43	202366	20.570	ug/l	99
44) Trichloroethene	8.82	130	85088	20.723	ug/l	97
45) 1,2-Dichloropropane	9.10	63	97007	21.381	ug/l	99
46) Dibromomethane	9.19	93	58468	20.680	ug/l	98
47) Bromodichloromethane	9.39	83	119373	21.145	ug/l	98
48) Methyl methacrylate	9.19	41	88274	20.060	ug/l	98
49) 1,4-Dioxane	9.18	88	29114	372.294	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	639646	114.911	ug/l	100
52) Toluene	10.15	92	205853	20.561	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	132151	20.261	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	143980	20.522	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	86761	21.413	ug/l	99
56) Ethyl methacrylate	10.42	69	122579	19.332	ug/l	99
57) 1,3-Dichloropropane	10.70	76	148450	21.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	229184	101.636	ug/l	98
59) 2-Hexanone	10.74	43	459052	107.443	ug/l	100
60) Dibromochloromethane	10.90	129	90061	21.023	ug/l	99
61) 1,2-Dibromoethane	11.00	107	86807	21.164	ug/l	99
64) Tetrachloroethene	10.63	164	75878	20.890	ug/l	96
65) Chlorobenzene	11.43	112	218317	20.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	85067	21.777	ug/l	100
67) Ethyl Benzene	11.51	91	391802	21.207	ug/l	100
68) m/p-Xylenes	11.62	106	288695	41.715	ug/l	99
69) o-Xylene	11.95	106	140974	21.078	ug/l	96
70) Styrene	11.96	104	221100	21.020	ug/l	99
71) Bromoform	12.12	173	63433	20.877	ug/l #	99
73) Isopropylbenzene	12.25	105	378998	21.133	ug/l	100
74) N-amyl acetate	12.07	43	152694	20.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	131689	21.562	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	168367	29.995	ug/l #	100
77) Bromobenzene	12.53	156	92799	20.595	ug/l	99
78) n-propylbenzene	12.59	91	428847	20.884	ug/l	99
79) 2-Chlorotoluene	12.67	91	259982	20.409	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	315968	20.792	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42854	20.165	ug/l	100
82) 4-Chlorotoluene	12.77	91	260953	20.424	ug/l	98
83) tert-Butylbenzene	12.99	119	273749	20.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	308259	20.966	ug/l	100
85) sec-Butylbenzene	13.17	105	360593	21.127	ug/l	100
86) p-Isopropyltoluene	13.29	119	317758	21.085	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	158274	20.513	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	153261	19.853	ug/l	98
89) n-Butylbenzene	13.62	91	265561	20.133	ug/l	100
90) Hexachloroethane	13.88	117	61588	20.352	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	158833	20.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24801	20.369	ug/l	97

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Instrument :
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ClientSampleId :

Quant Time: Nov 16 00:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

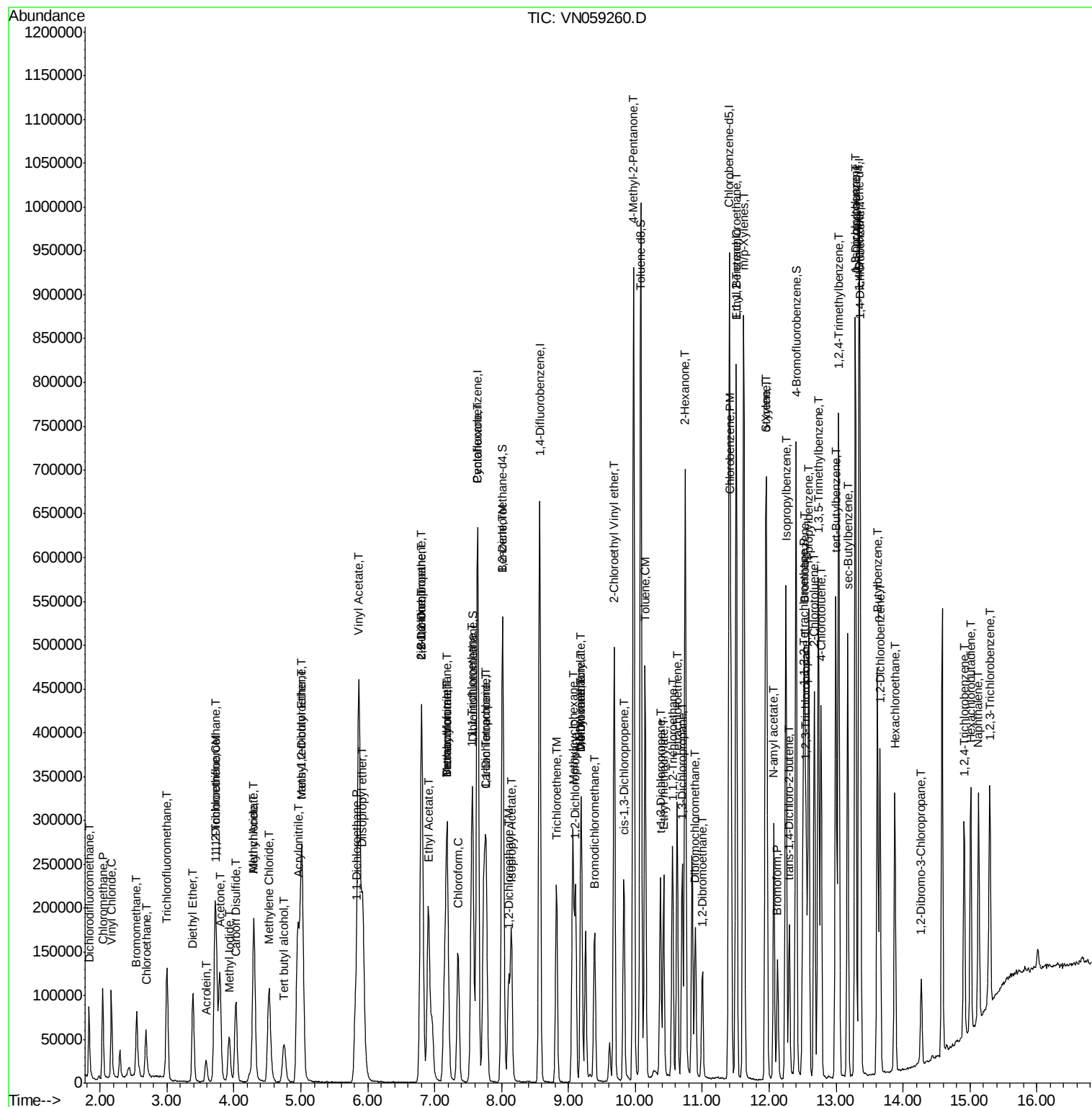
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	79002	19.157	ug/l	99
94) Hexachlorobutadiene	15.01	225	55764	21.307	ug/l	100
95) Naphthalene	15.13	128	210256	18.499	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	82865	19.481	ug/l	99

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

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Quant Time: Nov 16 00:27:19 2019
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Quant Title : SW846 8260
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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: VN059260.D

Acq: 15 Nov 2019 13:08

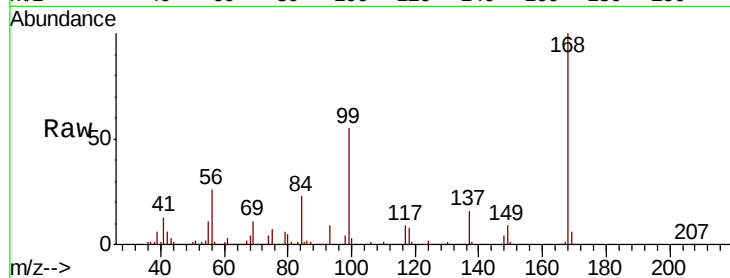
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 382515

Ion Ratio Lower Upper

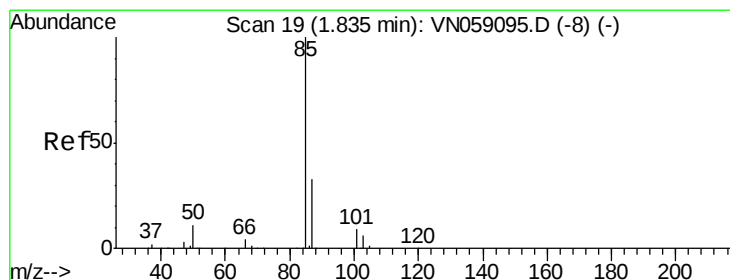
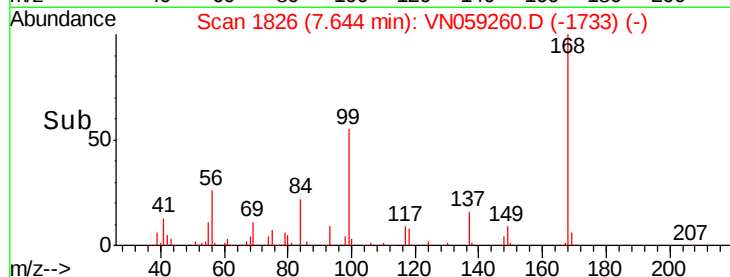
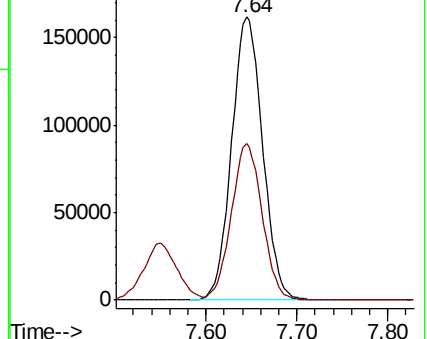
168 100

99 55.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.697 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059260.D

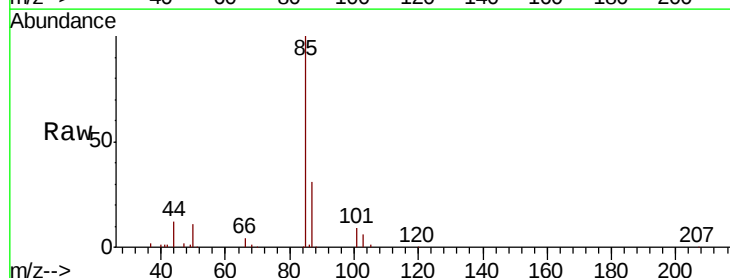
Acq: 15 Nov 2019 13:08

Tgt Ion: 85 Resp: 68204

Ion Ratio Lower Upper

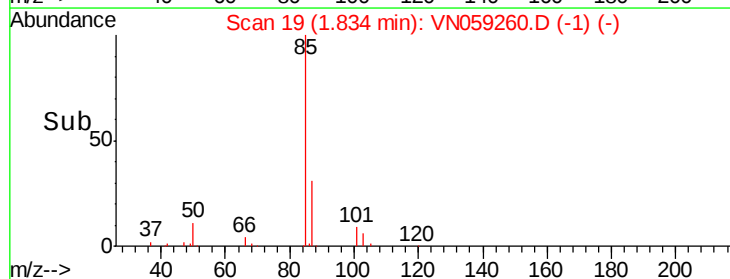
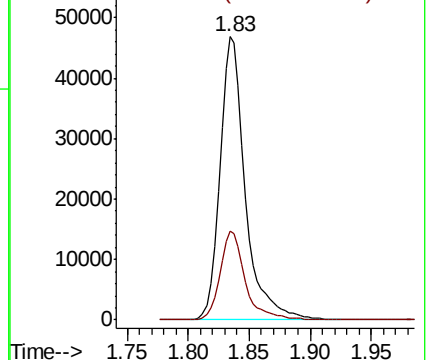
85 100

87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.488 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

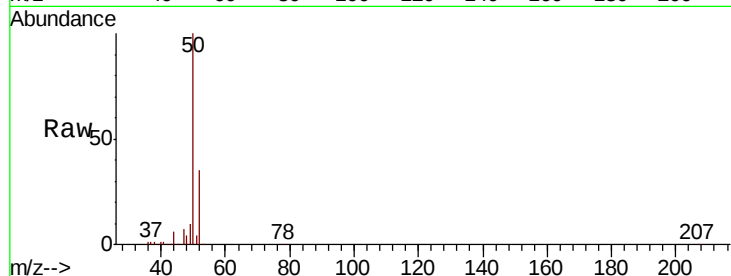
ClientSampleId :

Tot Ion: 50 Resp: 91618

Ion Ratio Lower Upper

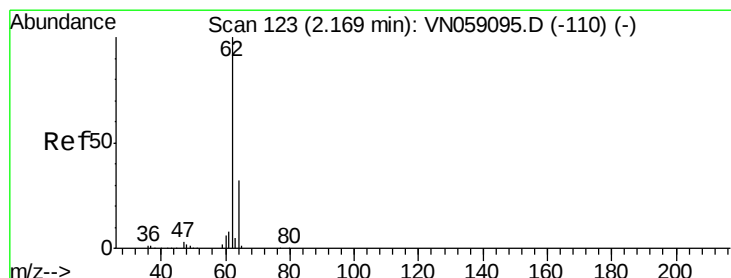
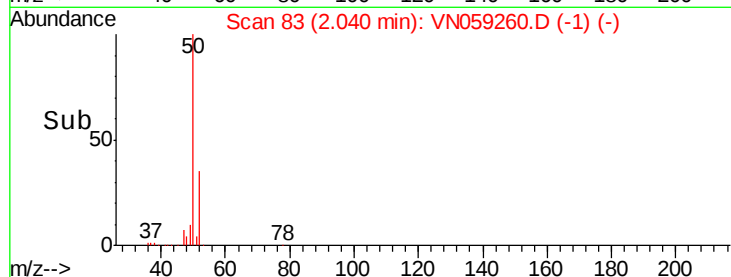
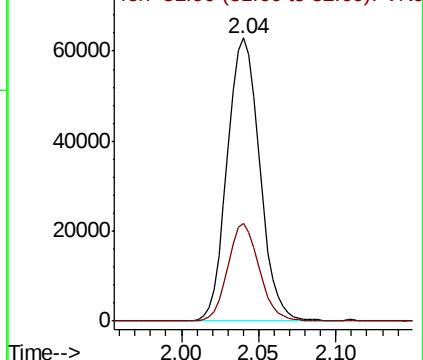
50 100

52 34.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.650 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059260.D

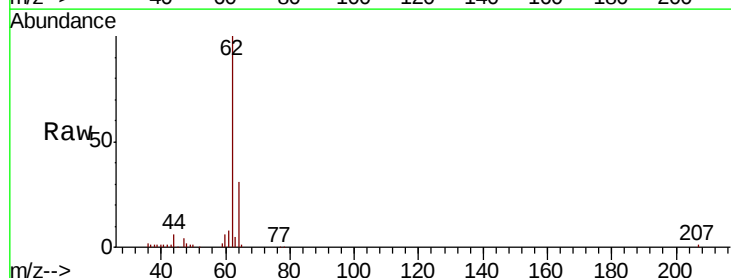
Acq: 15 Nov 2019 13:08

Tgt Ion: 62 Resp: 94727

Ion Ratio Lower Upper

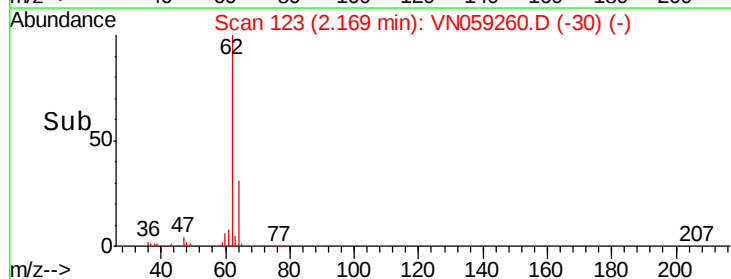
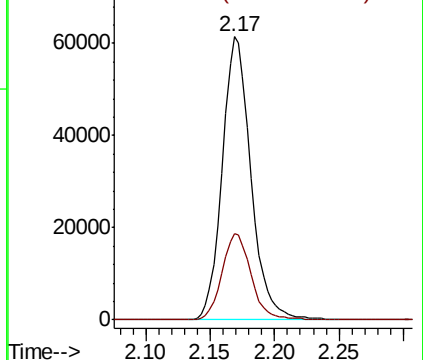
62 100

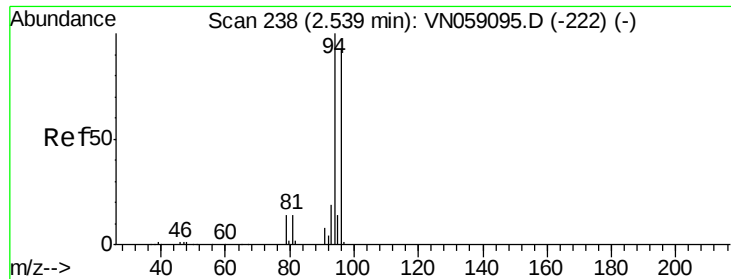
64 30.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.817 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

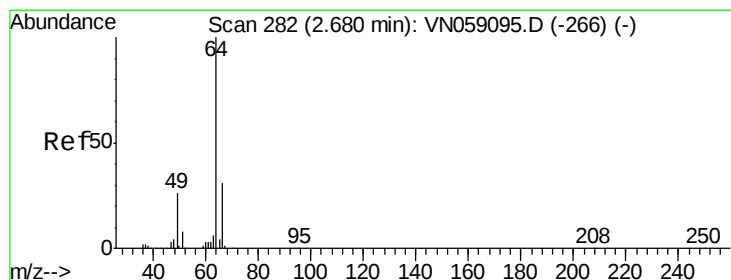
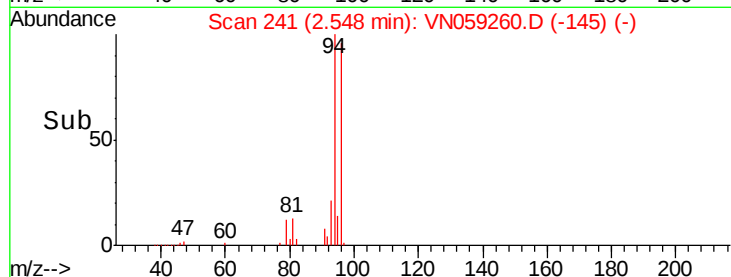
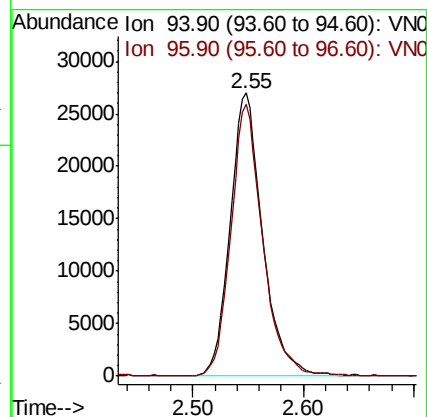
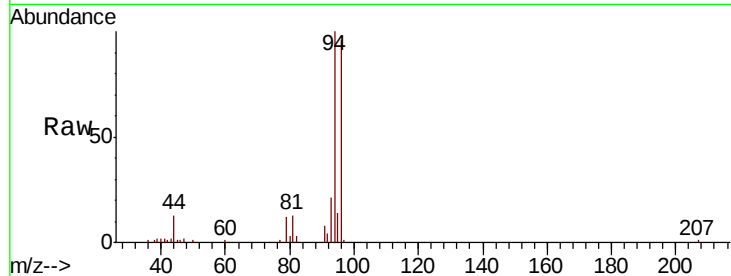
ClientSampled :

Tot Ion: 94 Resp: 54999

Ion Ratio Lower Upper

94 100

96 96.2 74.2 111.2



#6

Chloroethane

Concen: 18.828 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059260.D

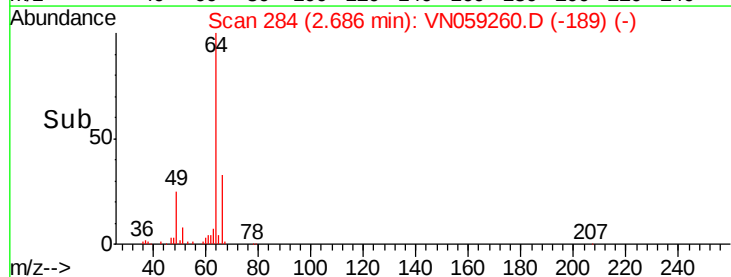
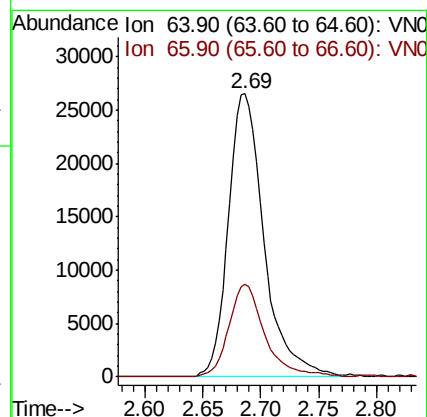
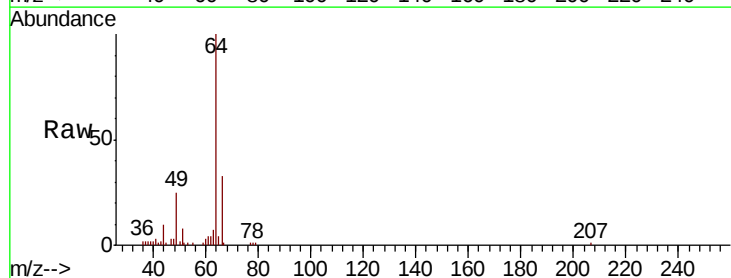
Acq: 15 Nov 2019 13:08

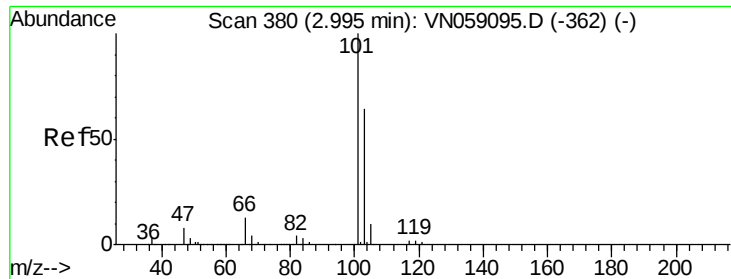
Tgt Ion: 64 Resp: 56571

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



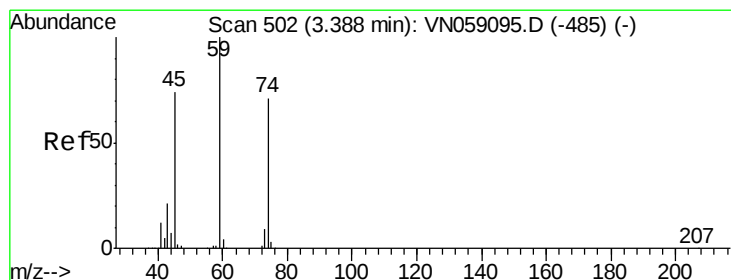
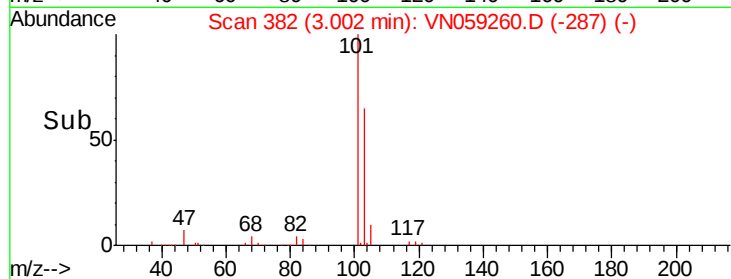
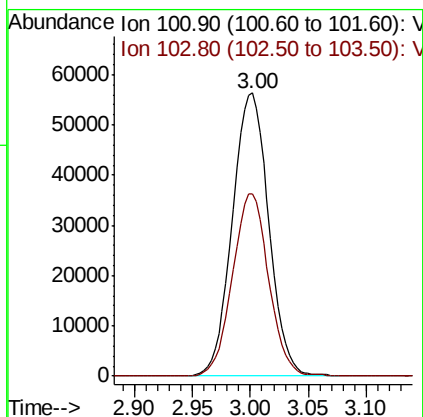
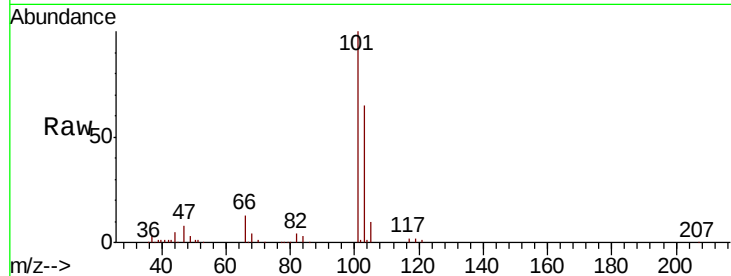


#7

Trichlorofluoromethane
Concen: 20.177 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.01 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampled :

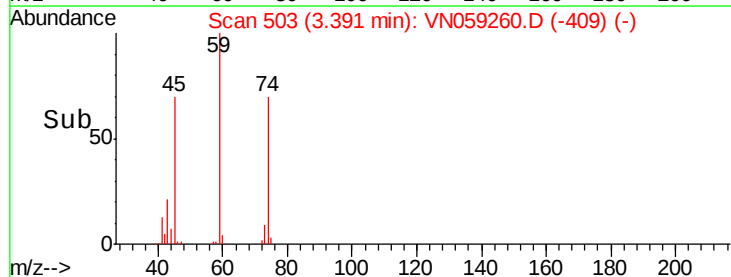
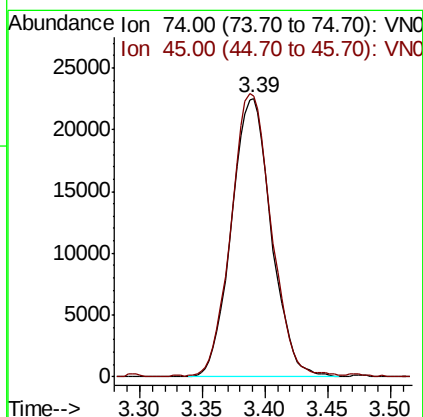
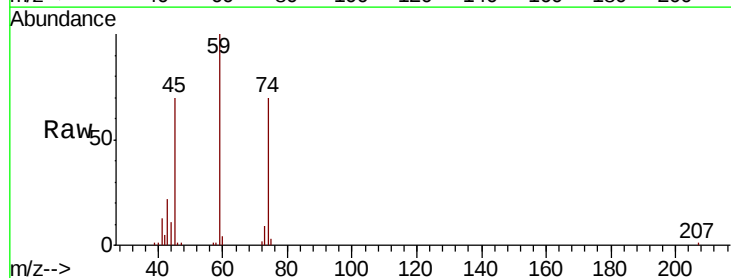
Tot Ion:101 Resp: 122584
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

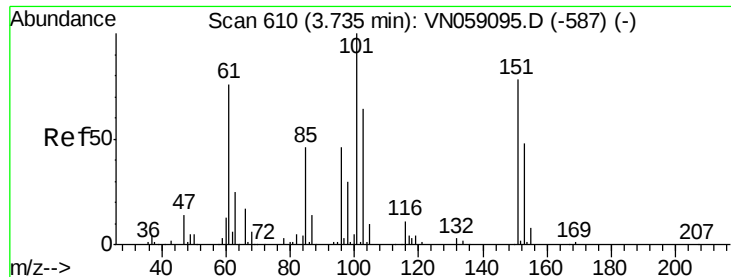


#8

Diethyl Ether
Concen: 20.165 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 74 Resp: 49778
Ion Ratio Lower Upper
74 100
45 103.0 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.086 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampled :

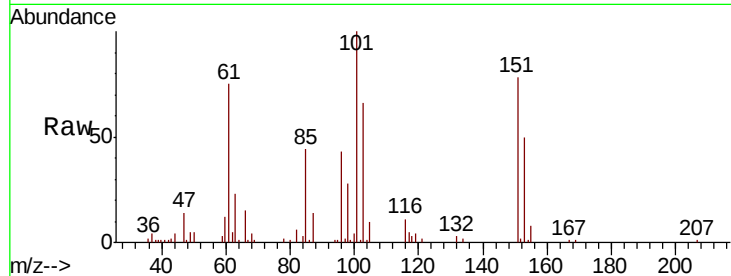
Tot Ion:101 Resp: 73574

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

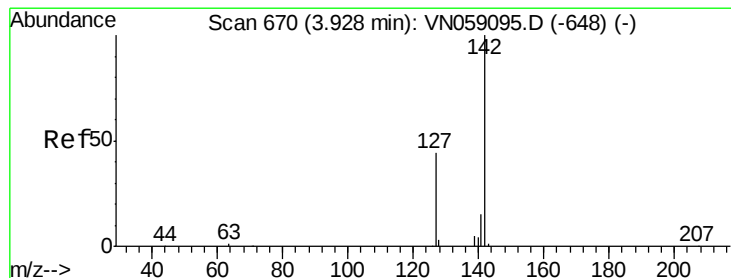
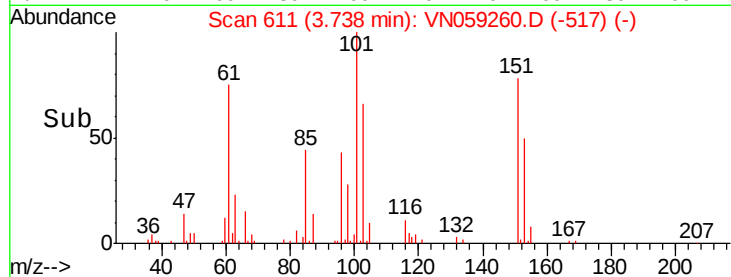
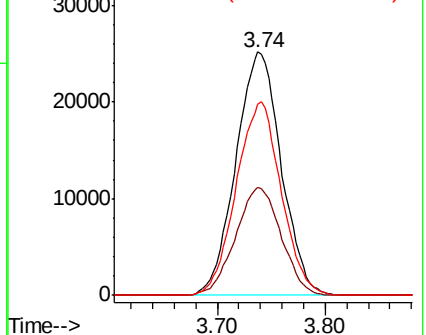
151 78.8 62.2 93.2



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: 19.112 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

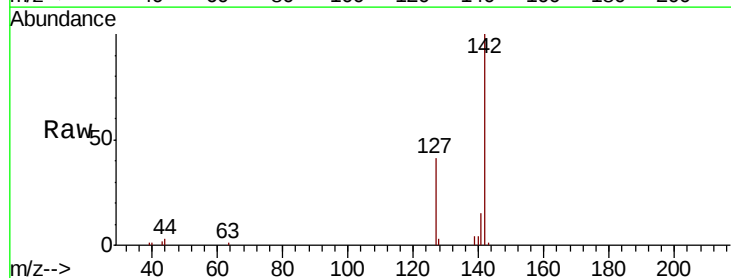
Tgt Ion:142 Resp: 86656

Ion Ratio Lower Upper

142 100

127 41.4 34.2 51.2

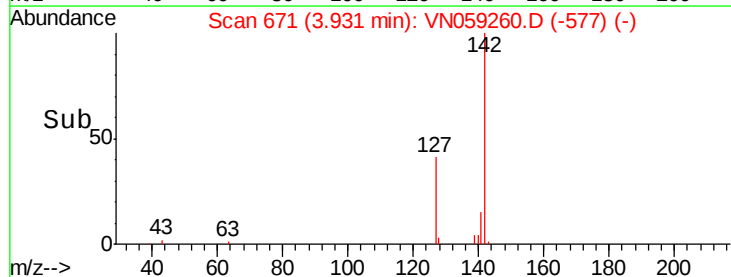
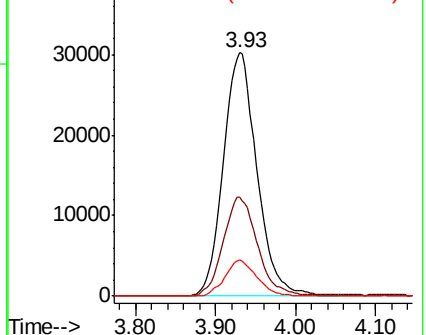
141 13.9 11.4 17.0

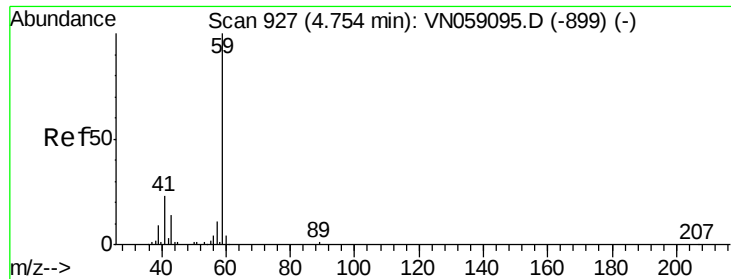


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



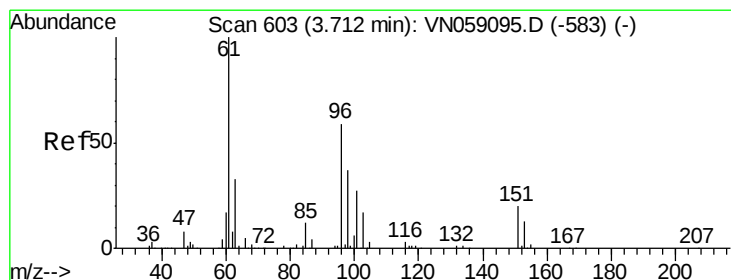
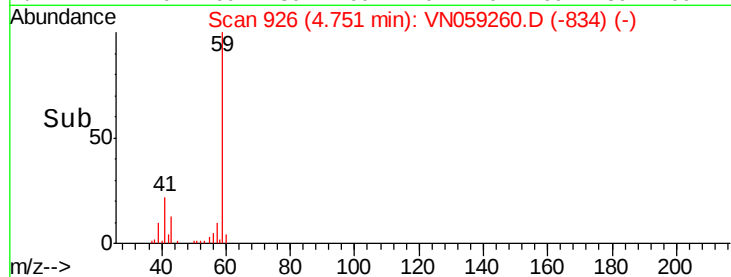
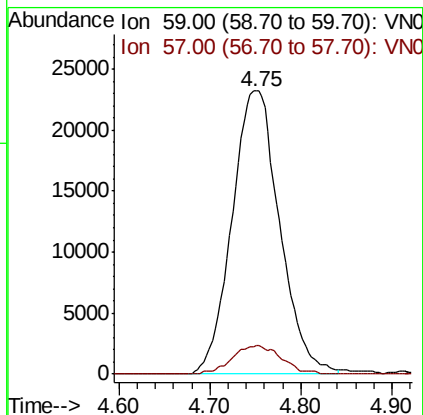
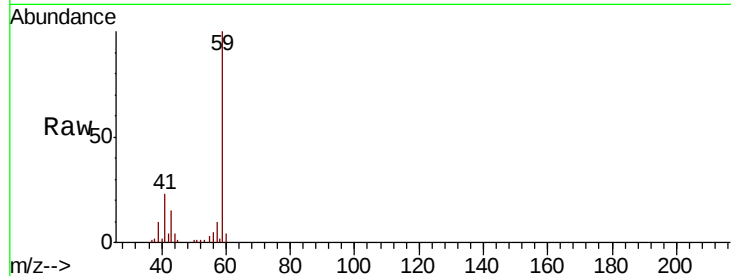


#11

Tert butyl alcohol
 Concen: 94.226 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Instrument :
 MSVOA_N
 ClientSampled :

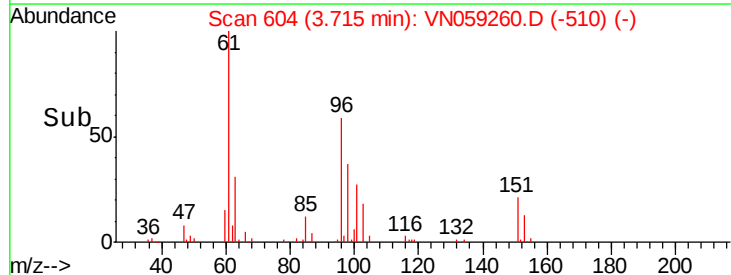
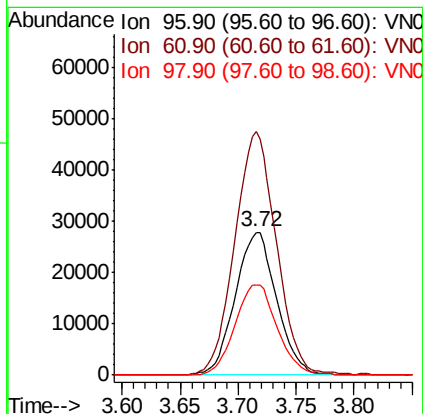
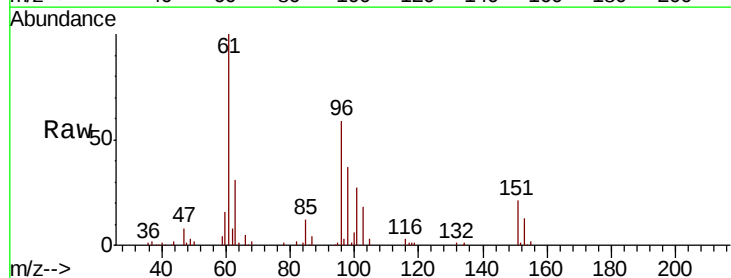
Tot Ion: 59 Resp: 84438
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

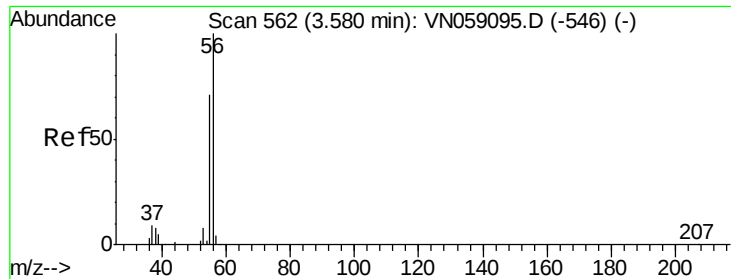


#12

1,1-Dichloroethene
 Concen: 19.364 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Tgt Ion: 96 Resp: 69095
 Ion Ratio Lower Upper
 96 100
 61 170.5 136.5 204.7
 98 63.4 50.2 75.4





#13

Acrolein

Concen: 59.463 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

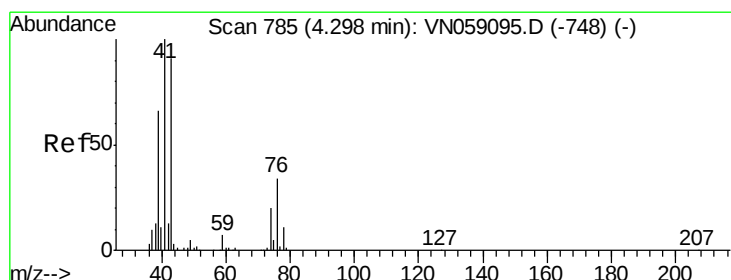
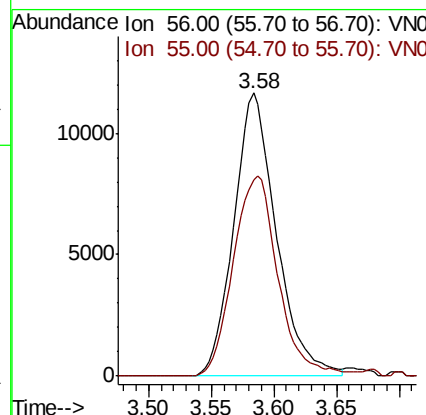
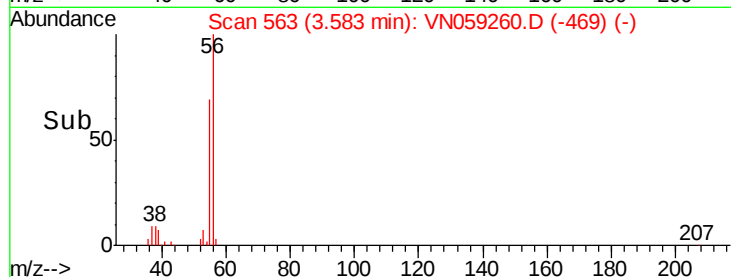
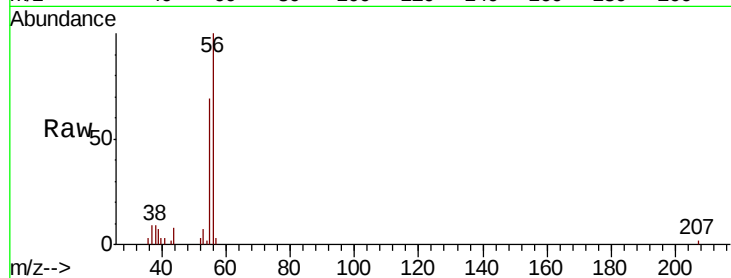
ClientSampled :

Tot Ion: 56 Resp: 27473

Ion Ratio Lower Upper

56 100

55 74.4 56.4 84.6



#14

Allyl chloride

Concen: 19.450 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

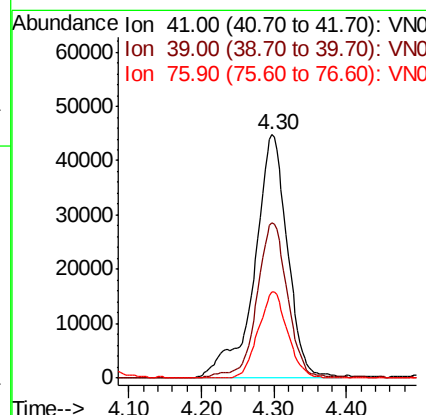
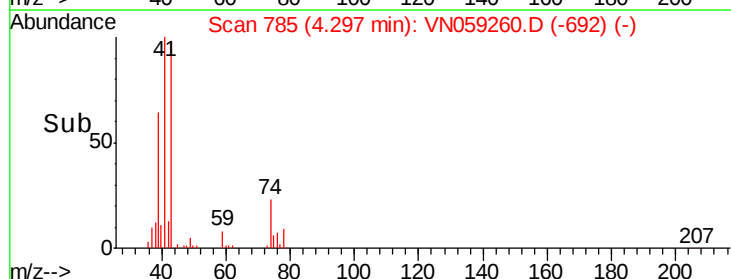
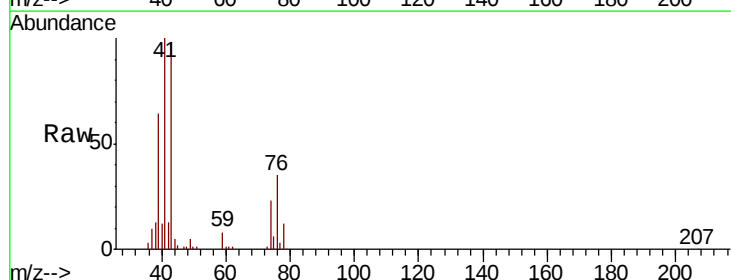
Tgt Ion: 41 Resp: 142563

Ion Ratio Lower Upper

41 100

39 59.3 49.1 73.7

76 31.4 24.9 37.3





#15

Acrylonitrile

Concen: 109.000 ug/l

RT: 4.96 min Scan# 990

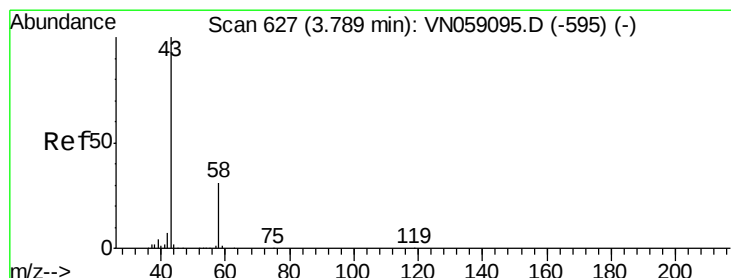
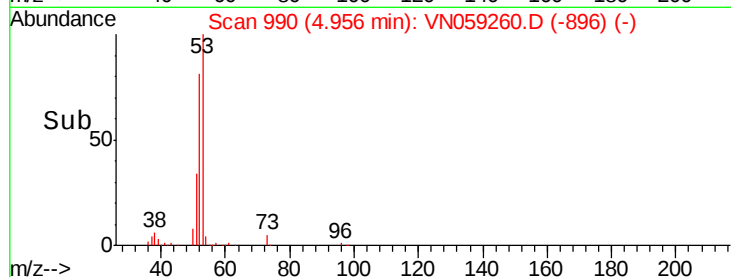
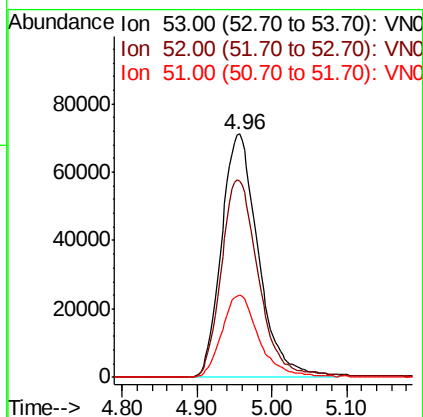
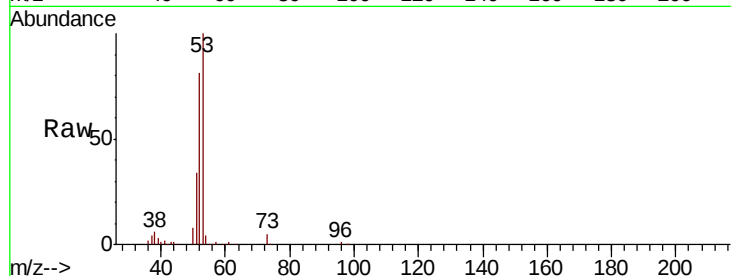
Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	53	Resp:	243084
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.0	97.6
51	34.0	28.0	42.0



#16

Acetone

Concen: 80.673 ug/l

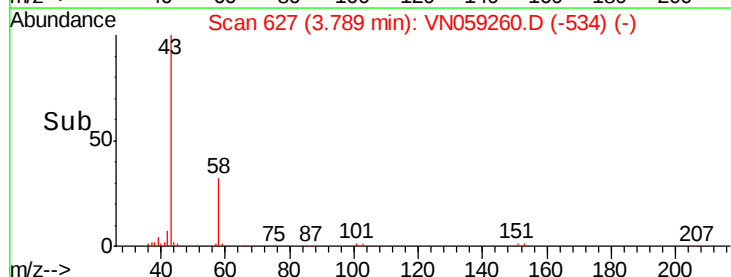
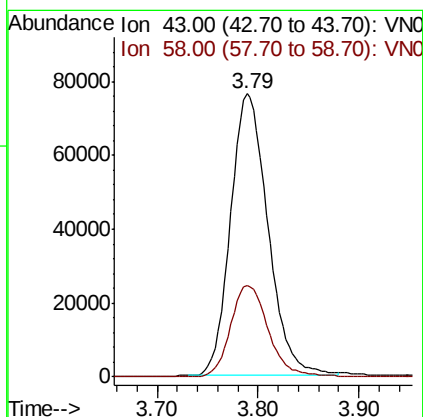
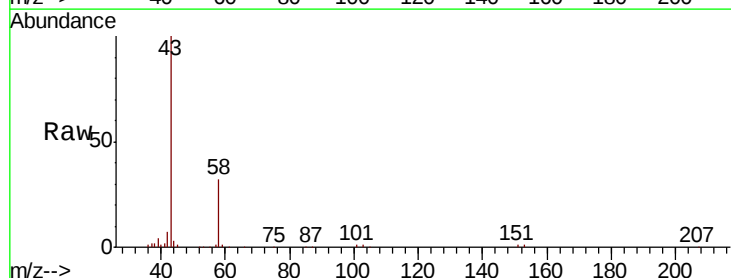
RT: 3.79 min Scan# 627

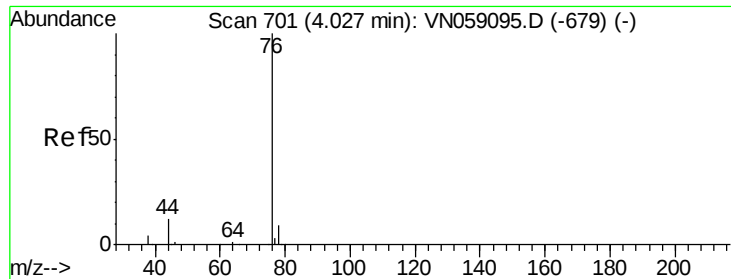
Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Tgt Ion:	43	Resp:	197261
Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.9	37.3

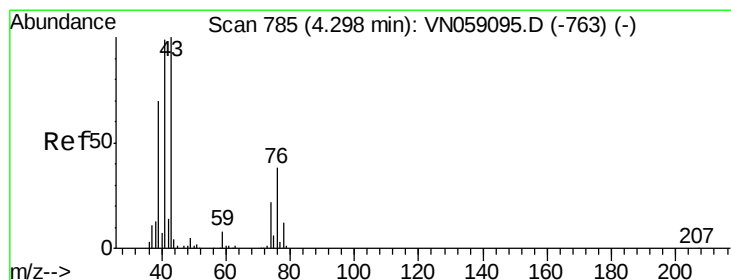
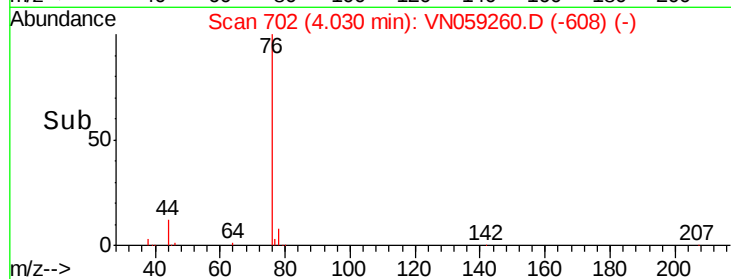
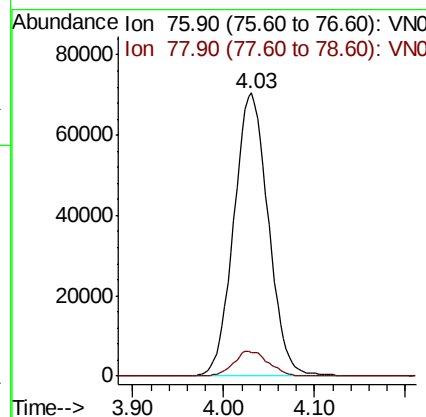
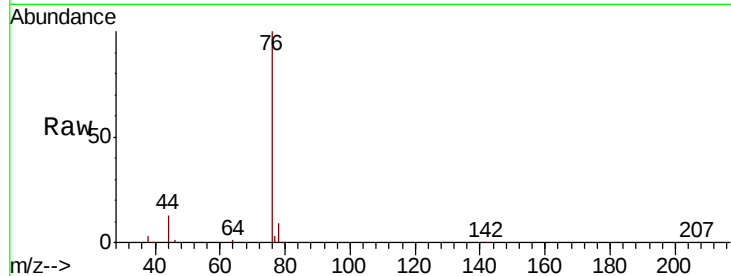




#17
Carbon Disulfide
Concen: 16.749 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

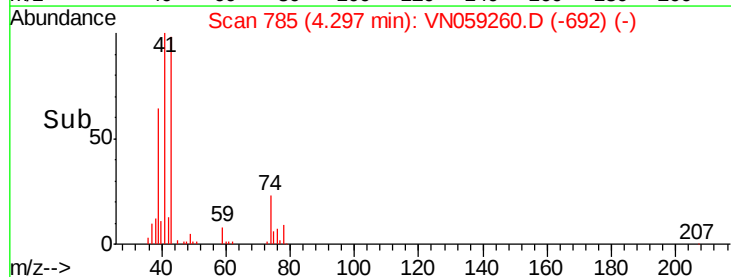
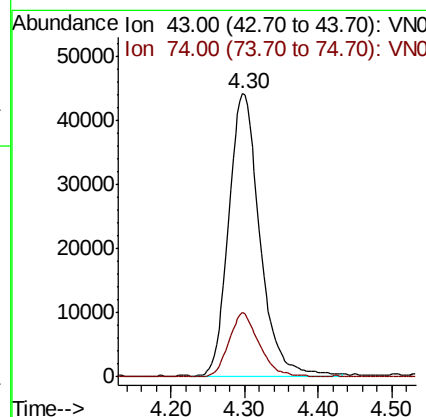
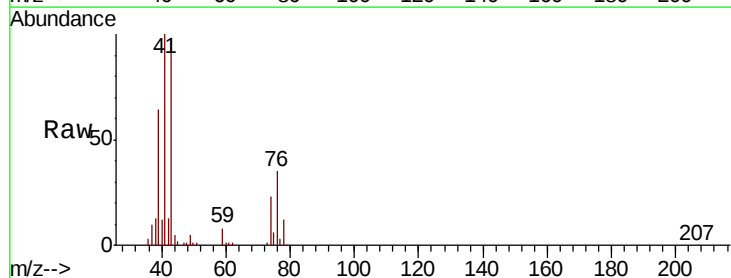
Instrument :
MSVOA_N
ClientSampled :

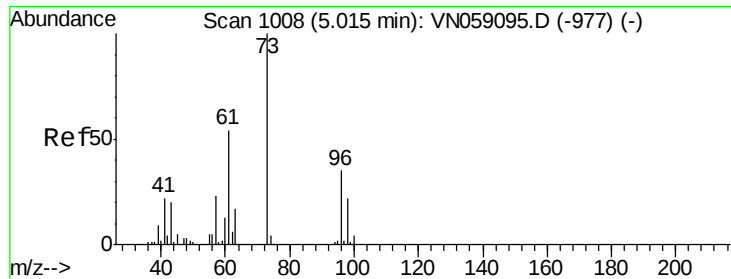
Tot Ion: 76 Resp: 185529
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 22.535 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 43 Resp: 130791
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8

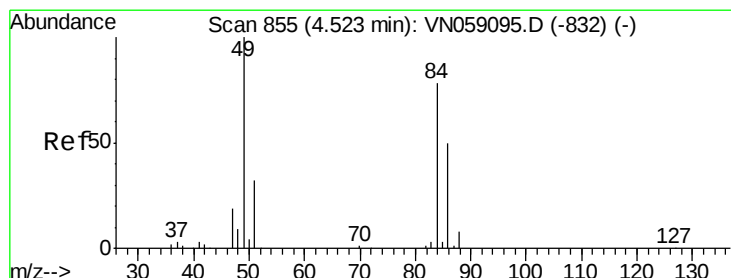
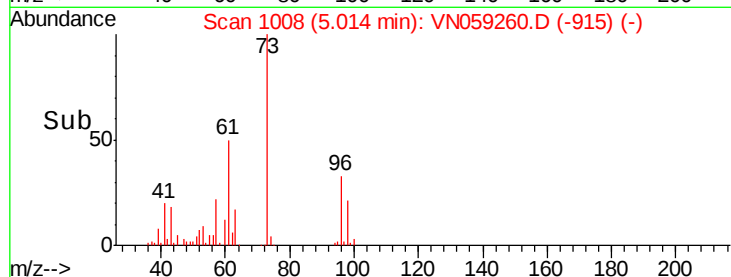
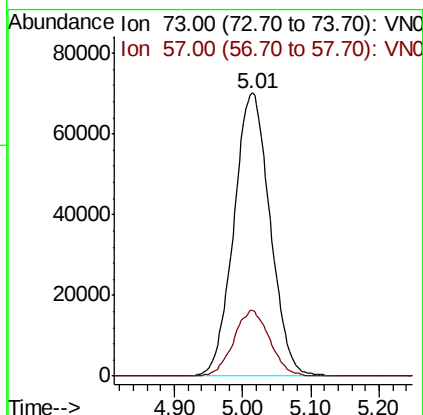
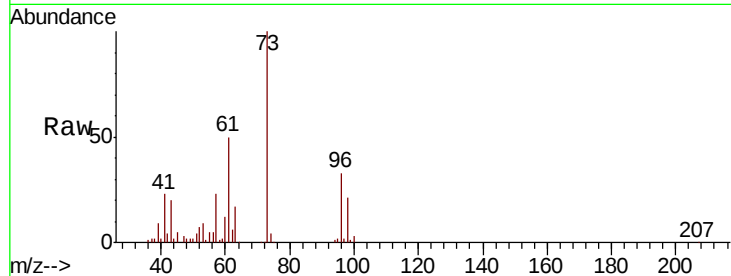




#19
Methyl tert-butyl Ether
Concen: 21.063 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

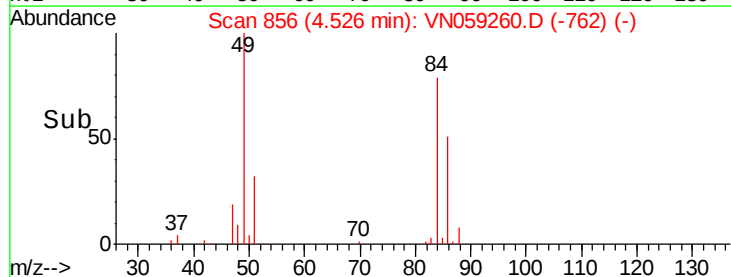
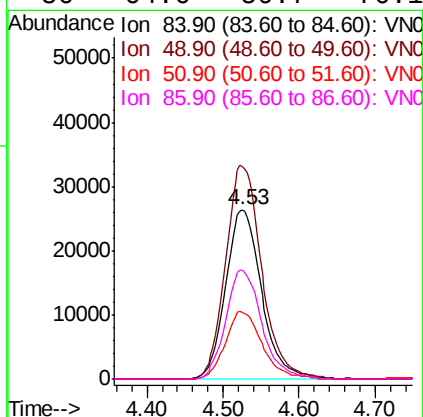
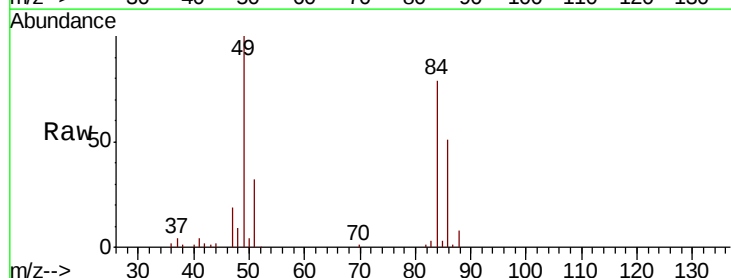
Instrument :
MSVOA_N
ClientSampled :

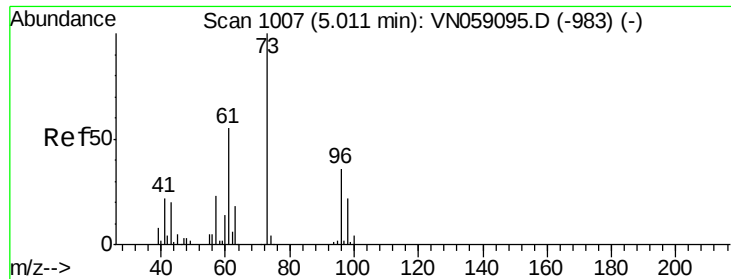
Tot Ion: 73 Resp: 258765
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6



#20
Methylene Chloride
Concen: 20.368 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 84 Resp: 86765
Ion Ratio Lower Upper
84 100
49 126.0 102.0 153.0
51 39.7 32.2 48.2
86 64.6 50.7 76.1

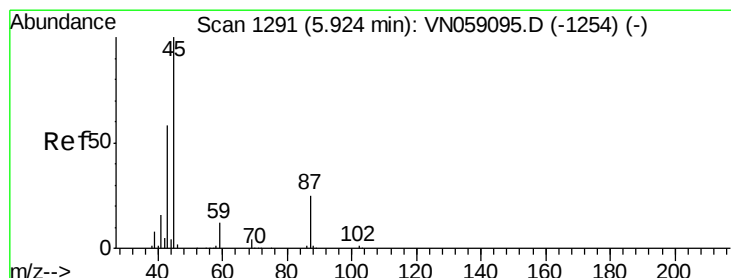
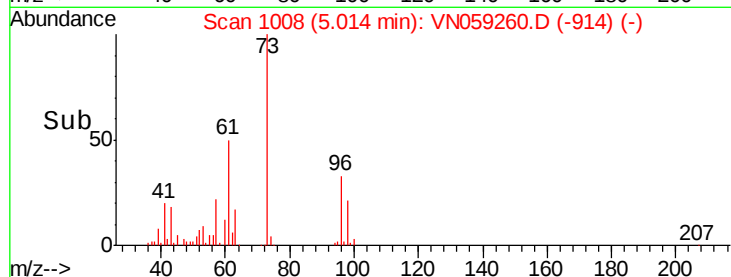
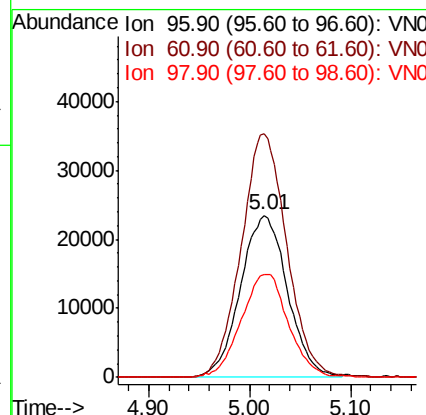
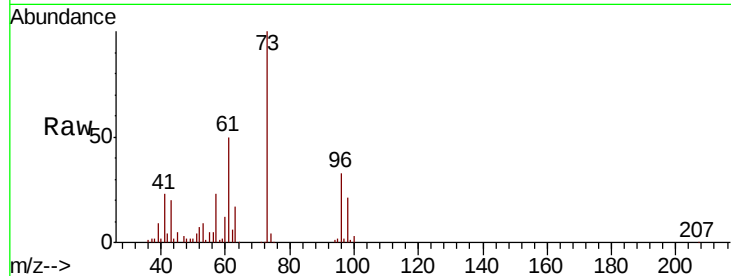




#21
trans-1,2-Dichloroethene
Concen: 19.817 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

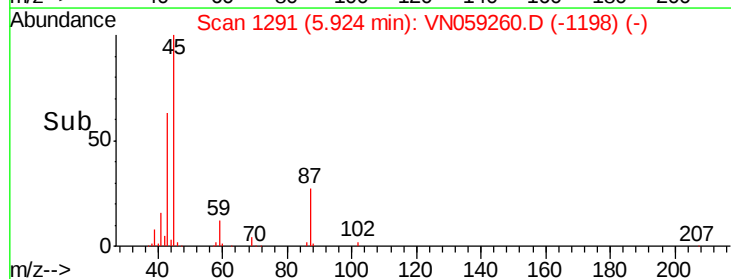
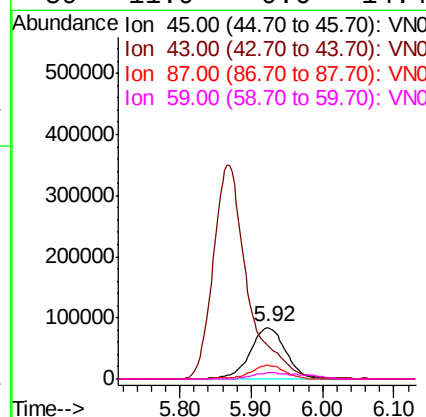
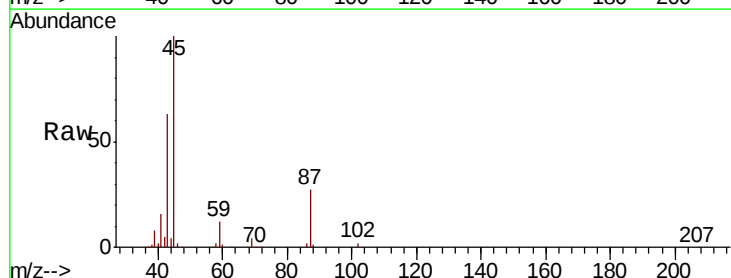
Instrument :
MSVOA_N
ClientSampleId :

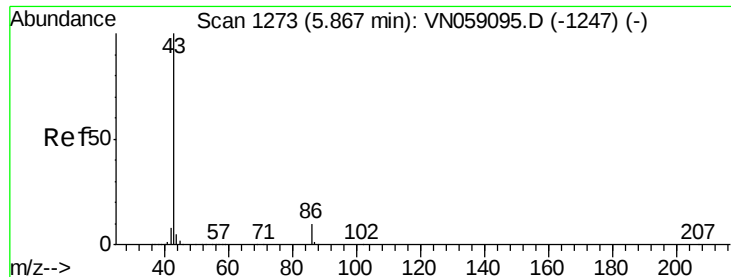
Tot Ion: 96 Resp: 75903
Ion Ratio Lower Upper
96 100
61 150.2 122.6 183.8
98 63.2 50.3 75.5



#22
Diisopropyl ether
Concen: 21.003 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 45 Resp: 290783
Ion Ratio Lower Upper
45 100
43 61.6 46.7 70.1
87 26.6 20.5 30.7
59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 109.071 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

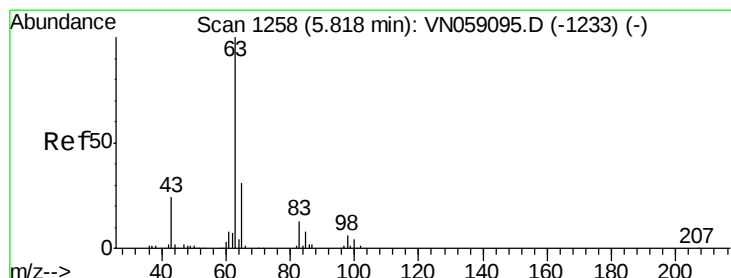
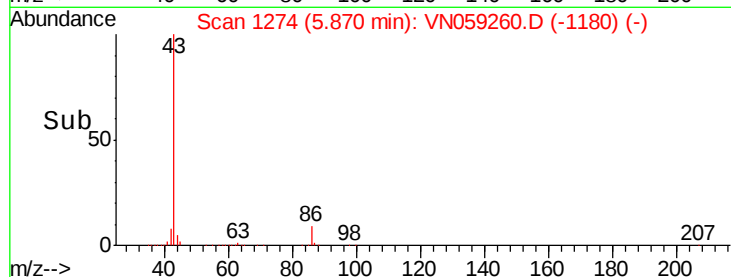
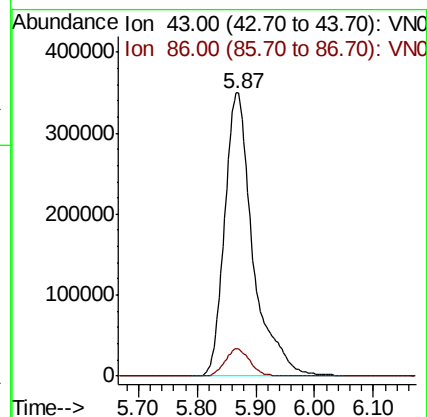
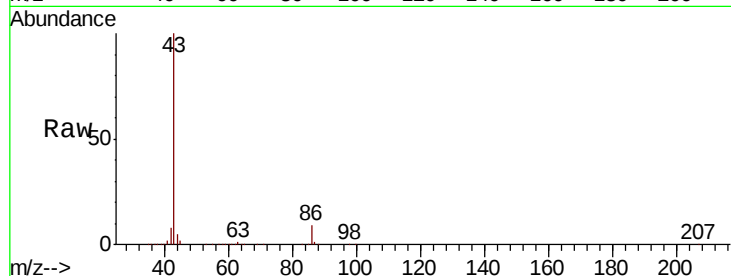
ClientSampled :

Tot Ion: 43 Resp: 1170318

Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.489 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

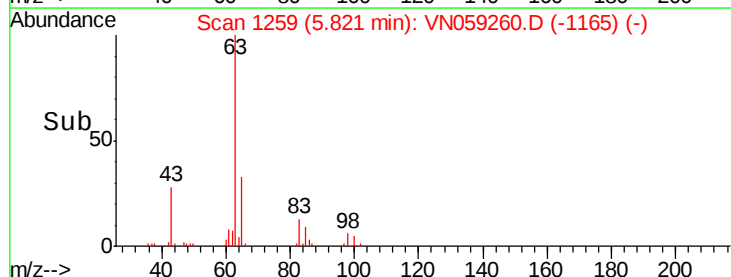
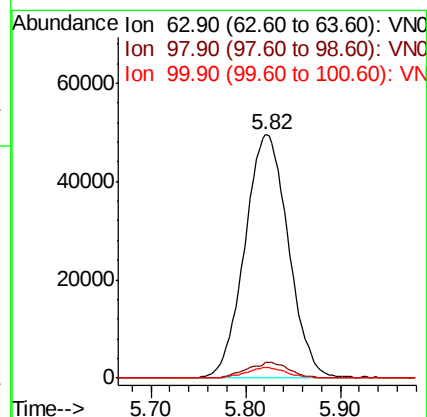
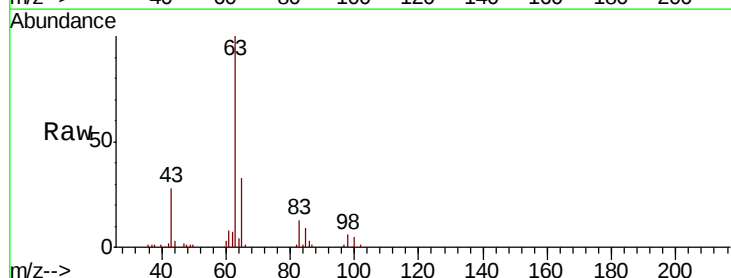
Tgt Ion: 63 Resp: 158432

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

100 4.5 1.9 5.7





#25

2-Butanone

Concen: 96.701 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

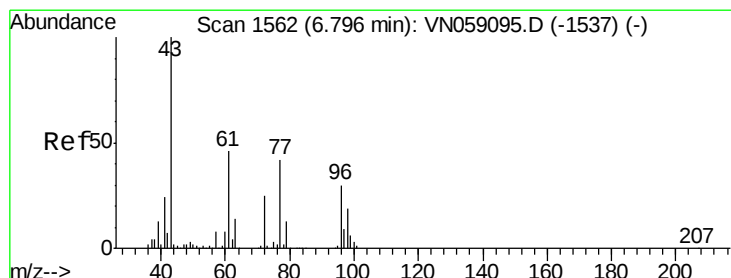
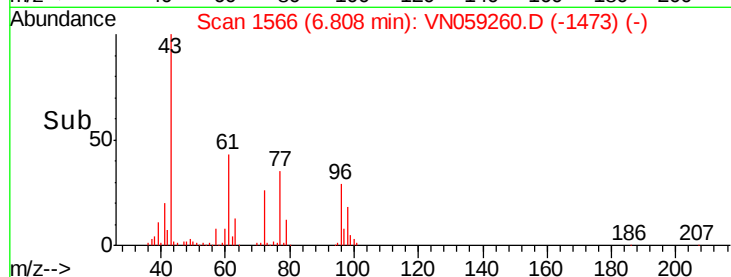
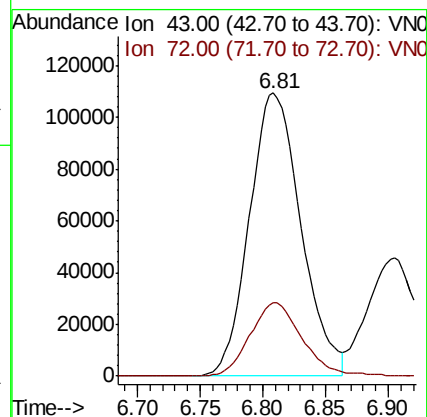
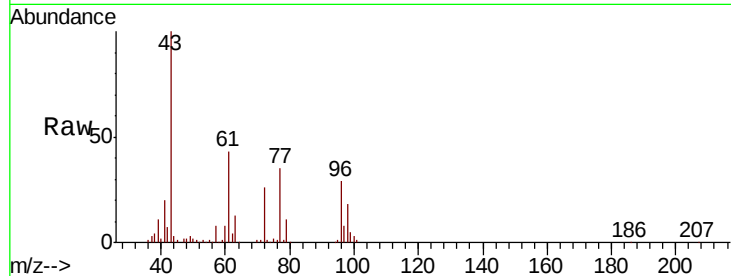
ClientSampled :

Tot Ion: 43 Resp: 311630

Ion Ratio Lower Upper

43 100

72 26.1 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.787 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059260.D

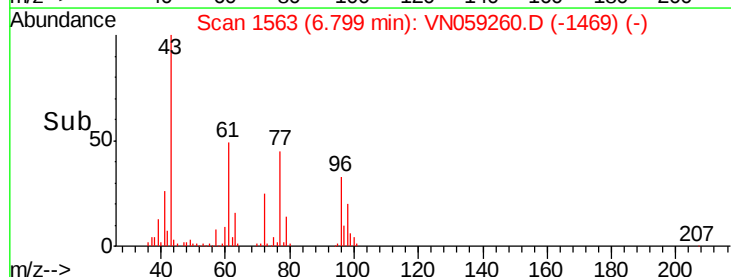
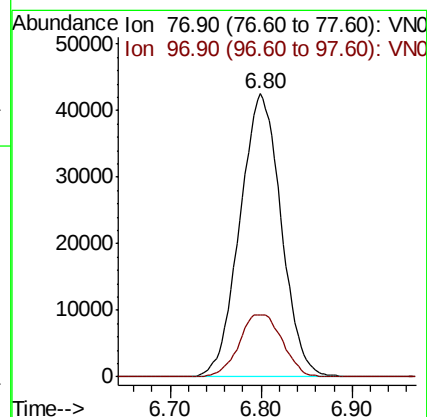
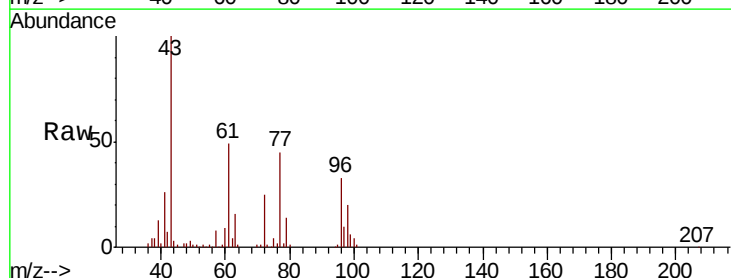
Acq: 15 Nov 2019 13:08

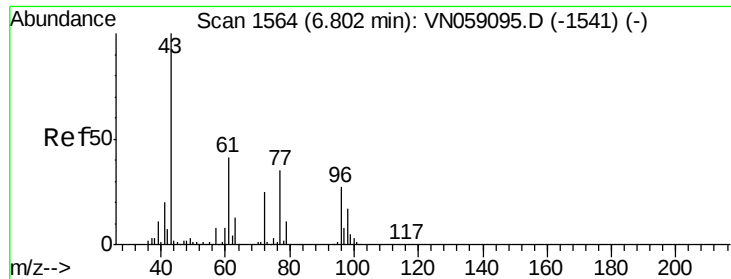
Tgt Ion: 77 Resp: 133793

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.794 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampled :

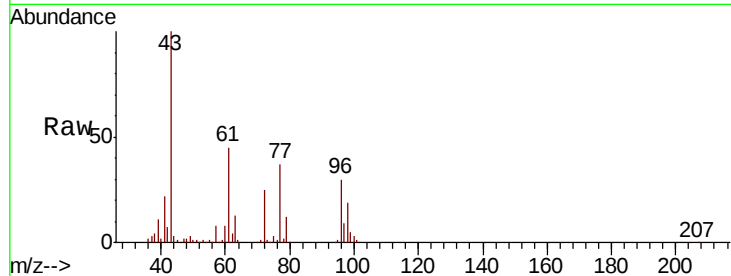
Tot Ion: 96 Resp: 92402

Ion Ratio Lower Upper

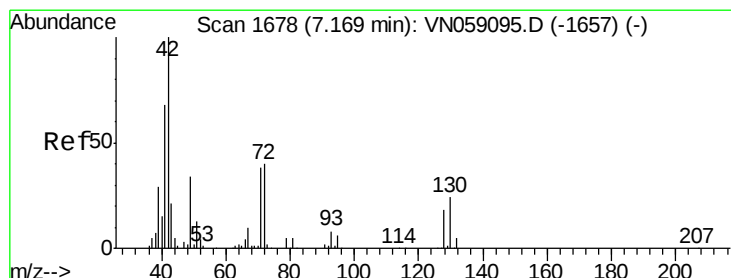
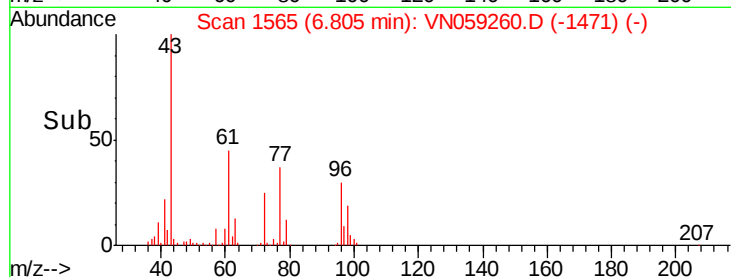
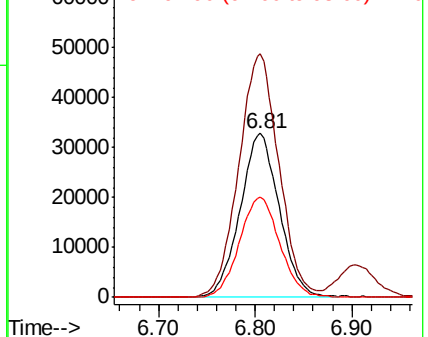
96 100

61 151.6 0.0 311.6

98 62.8 0.0 129.8



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



#28

Bromochloromethane

Concen: 19.592 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

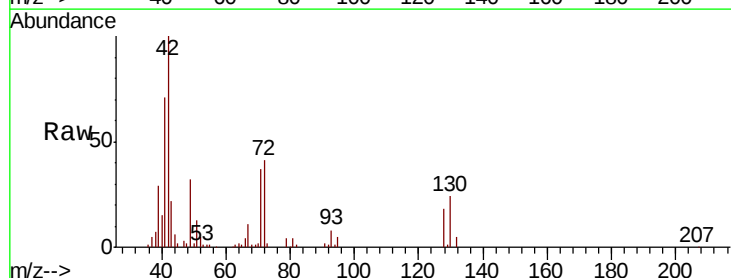
Tgt Ion: 49 Resp: 45578

Ion Ratio Lower Upper

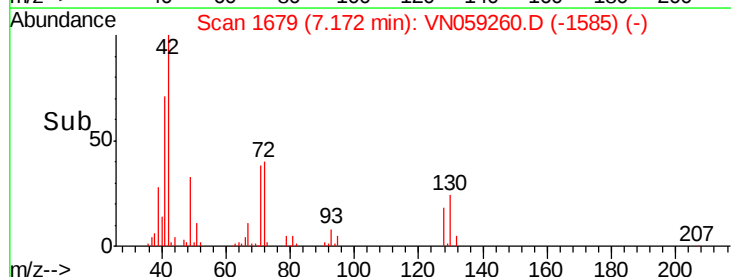
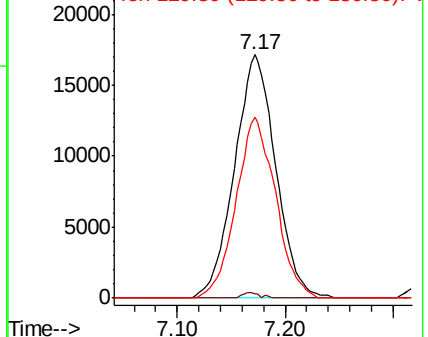
49 100

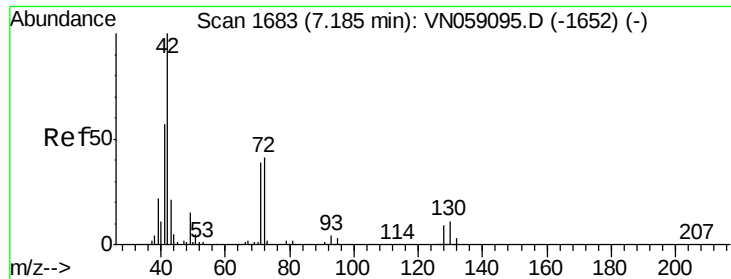
129 1.0 0.0 3.8

130 71.2 55.6 83.4



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

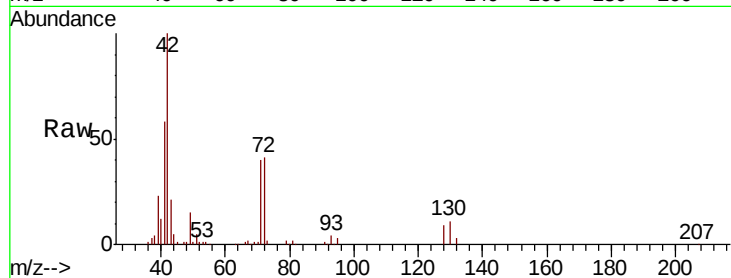




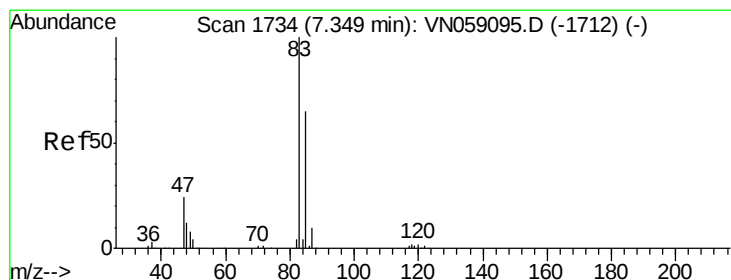
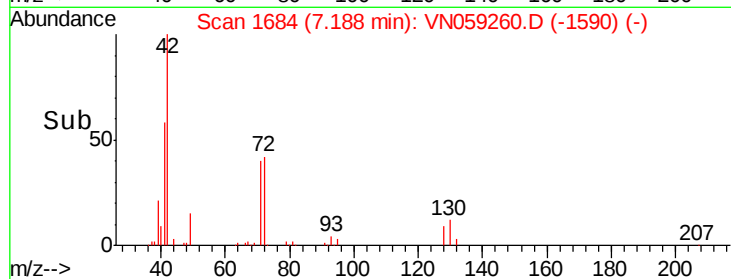
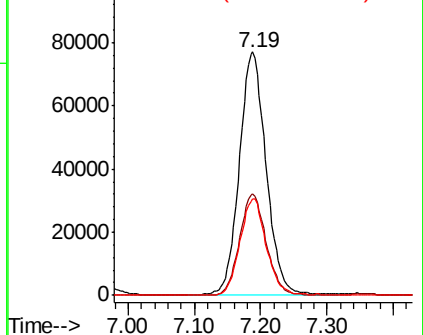
#29
Tetrahydrofuran
Concen: 106.239 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 217539
Ion Ratio Lower Upper
42 100
72 41.1 33.1 49.7
71 38.7 30.9 46.3

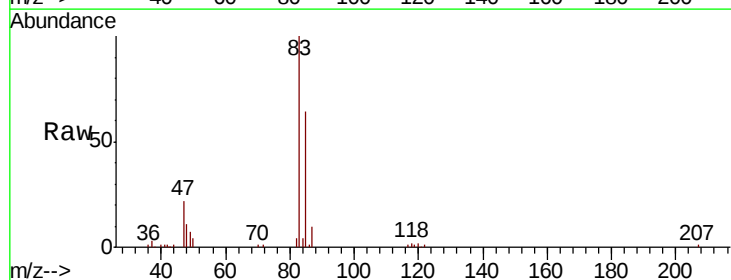


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

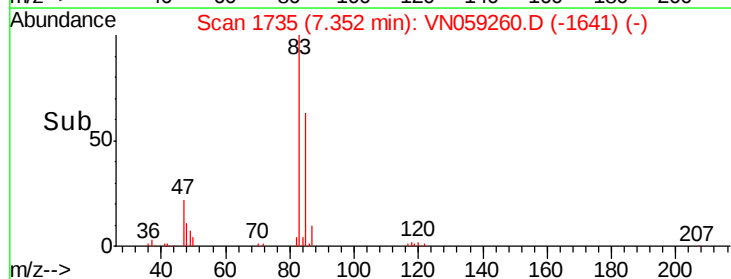
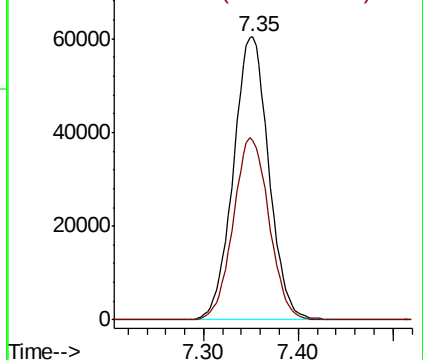


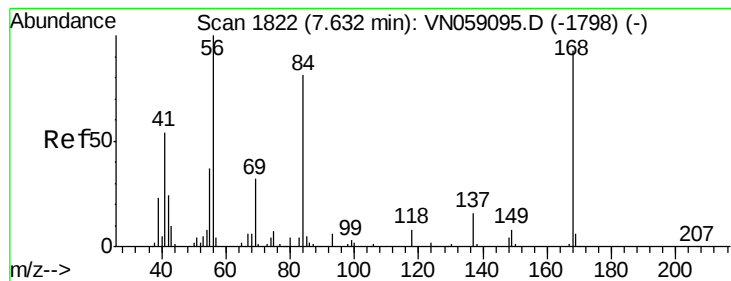
#30
Chloroform
Concen: 21.171 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 83 Resp: 157044
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8



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





#31

Cyclohexane

Concen: 18.380 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampled :

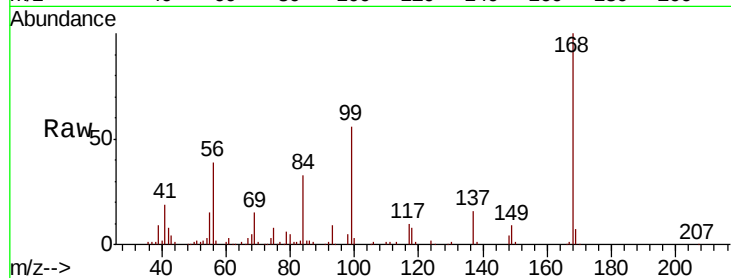
Tot Ion: 56 Resp: 134547

Ion Ratio Lower Upper

56 100

69 38.6 25.8 38.8

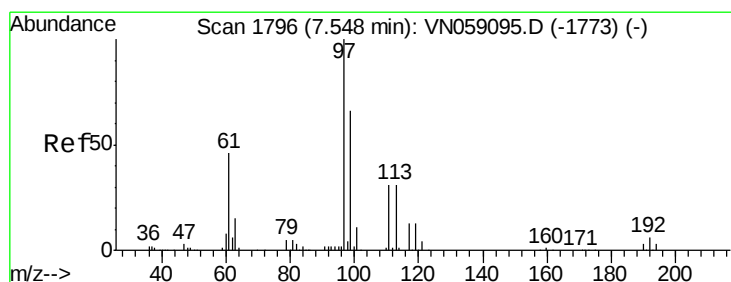
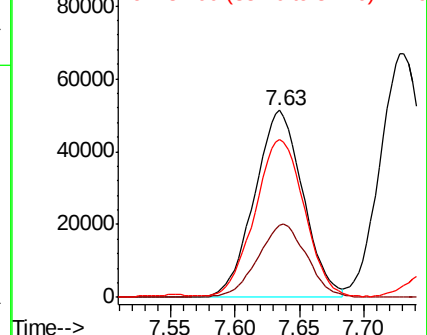
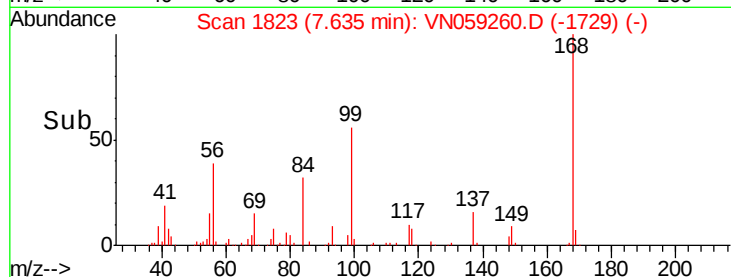
84 83.6 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN059260.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN059260.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN059260.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 20.774 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

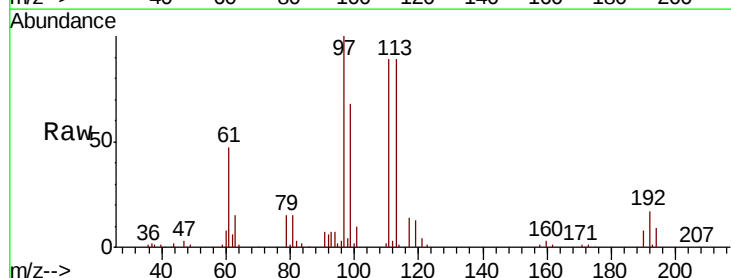
Tgt Ion: 97 Resp: 129553

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

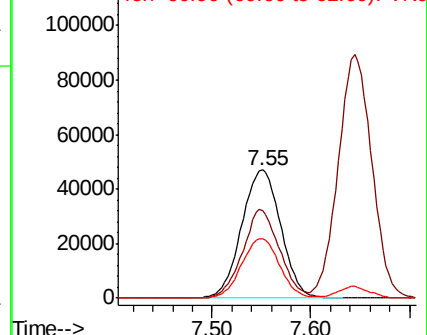
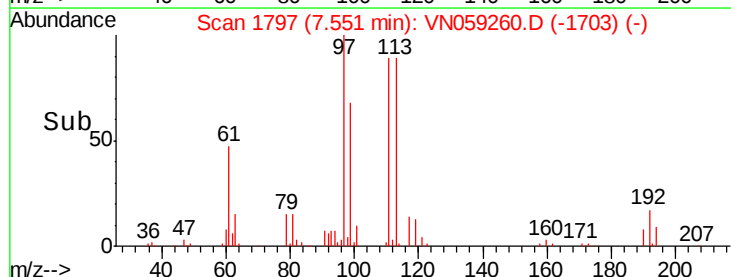
61 45.0 35.8 53.8

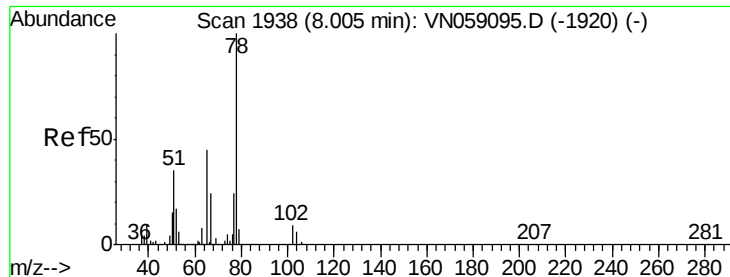


Abundance Ion 96.90 (96.60 to 97.60): VN059260.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059260.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059260.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.038 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

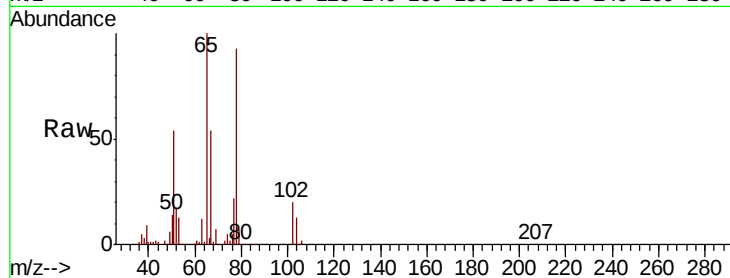
ClientSampleId :

Tot Ion: 65 Resp: 235282

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059260.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059260.D (-1845) (-)

8.01

100000

80000

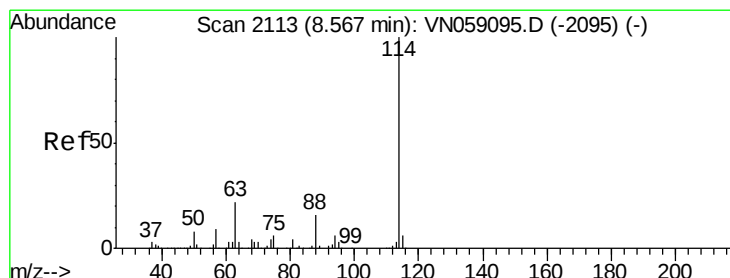
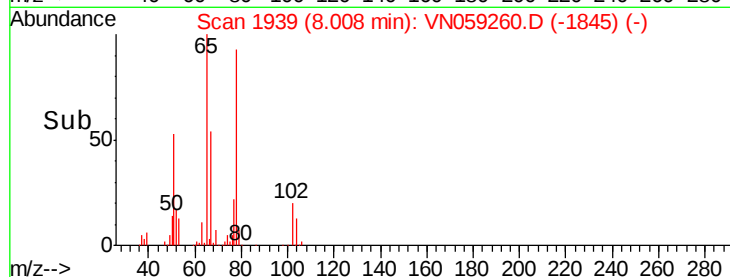
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

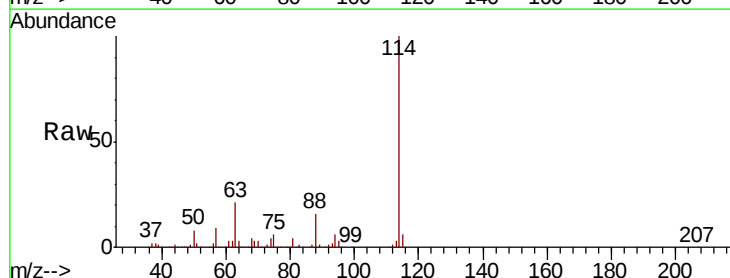
Tgt Ion: 114 Resp: 593437

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059260.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059260.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059260.D (-2020) (-)

8.57

400000

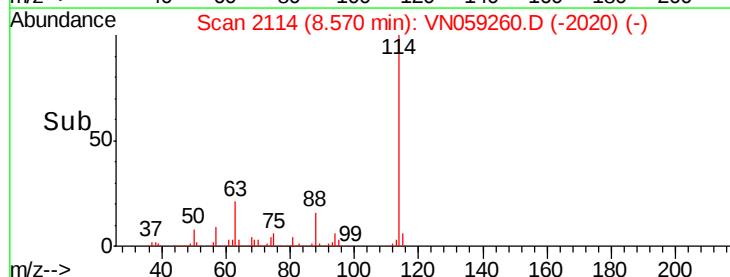
300000

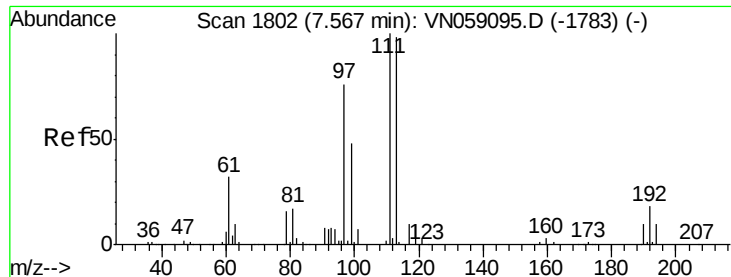
200000

100000

0

Time--> 8.45 8.50 8.55 8.60 8.65

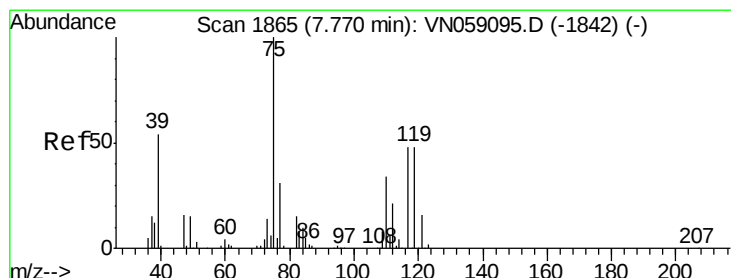
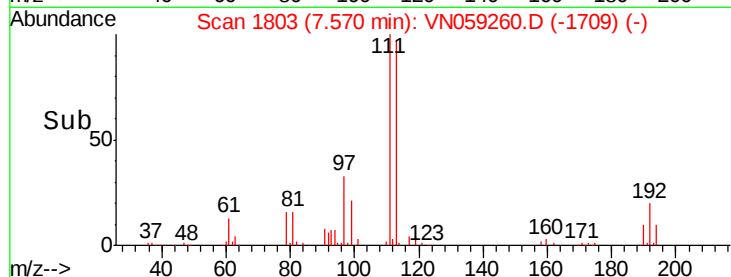
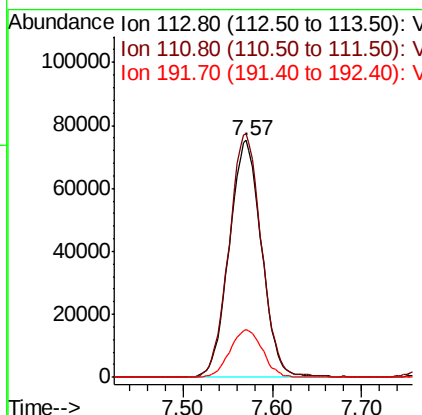
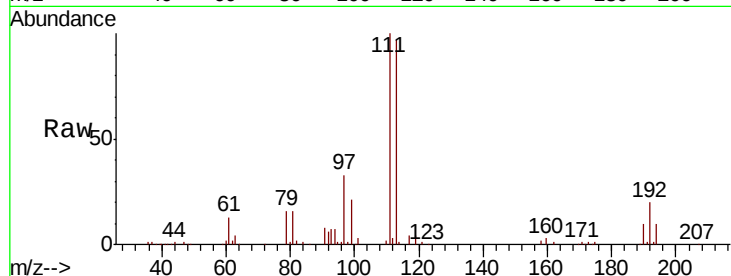




#35
 Dibromofluoromethane
 Concen: 53.342 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

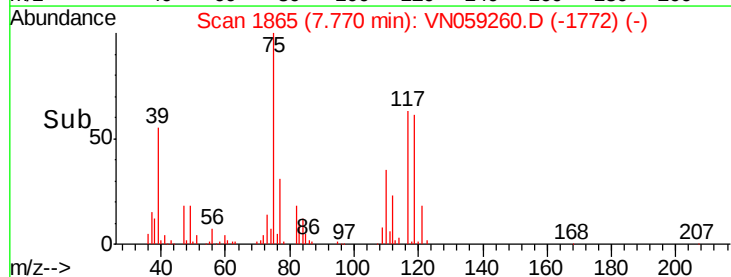
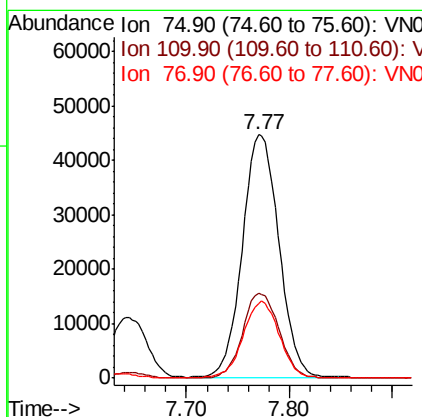
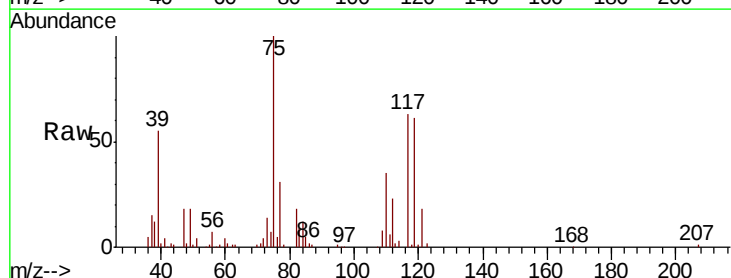
Instrument :
 MSVOA_N
 ClientSampled :

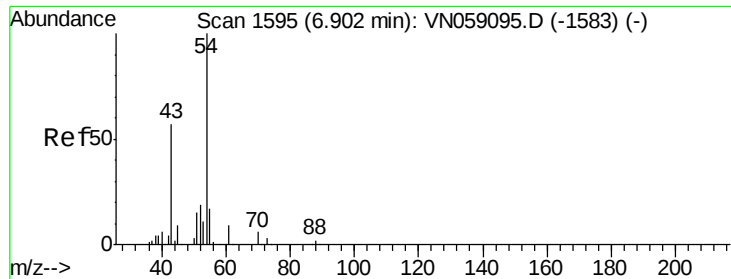
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	20.4	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 19.786 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.2
77	31.4	24.8	37.2

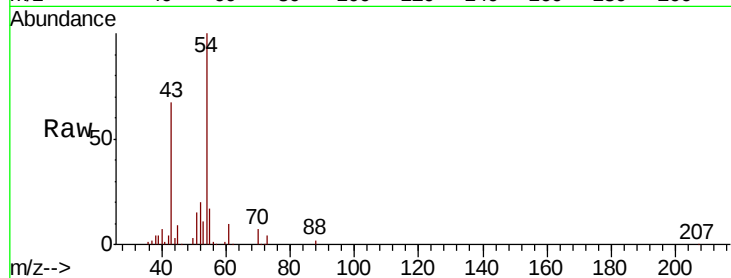




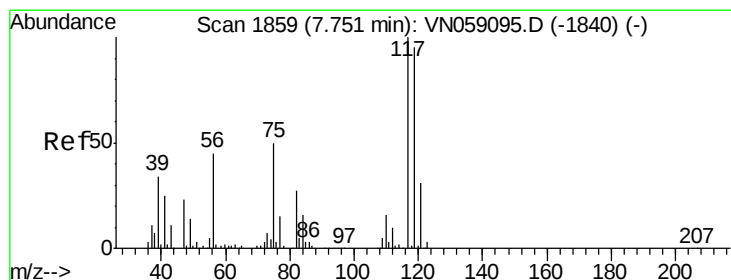
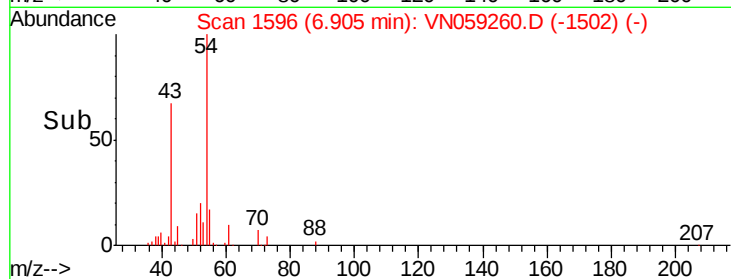
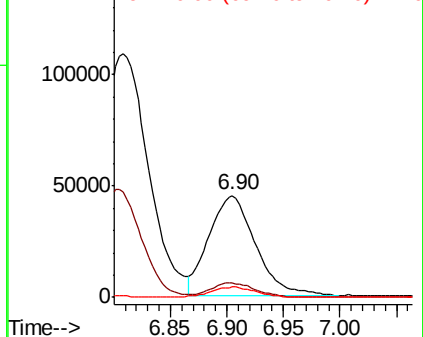
#37
Ethyl Acetate
Concen: 20.991 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 129533
Ion Ratio Lower Upper
43 100
61 13.1 11.2 16.8
70 9.9 7.8 11.8

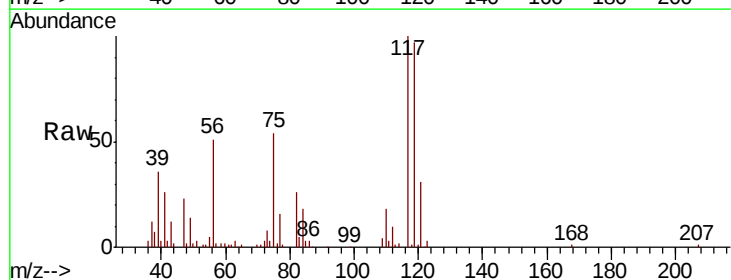


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

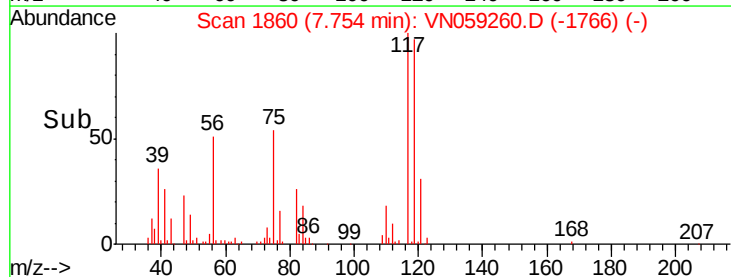
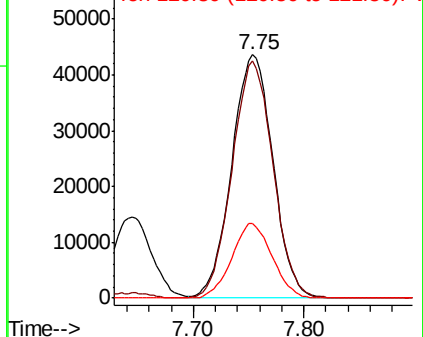


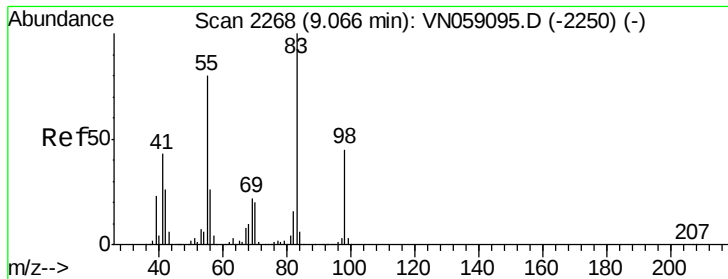
#38
Carbon Tetrachloride
Concen: 20.486 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 117 Resp: 113101
Ion Ratio Lower Upper
117 100
119 97.3 75.6 113.4
121 30.8 24.6 36.8



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

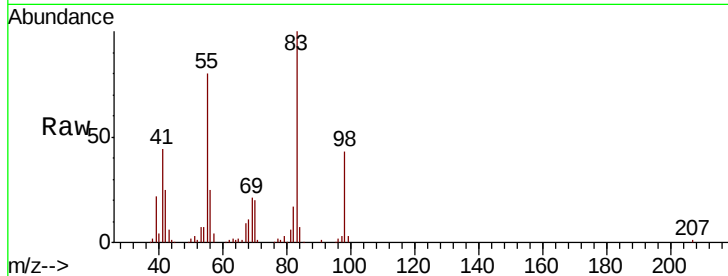




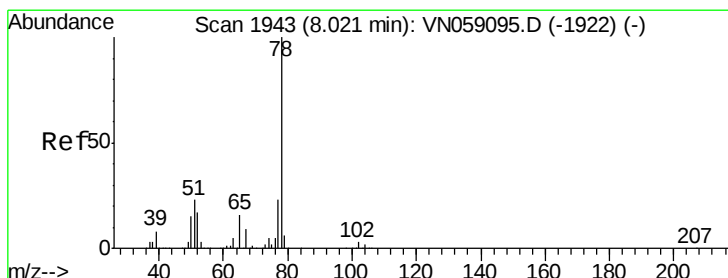
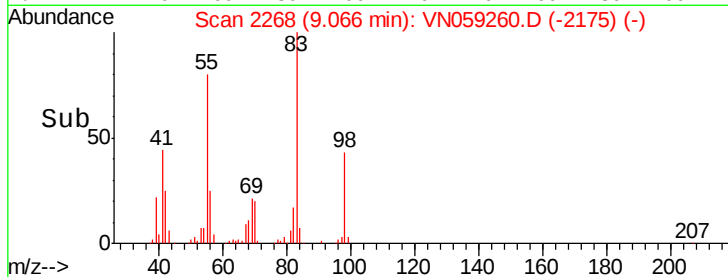
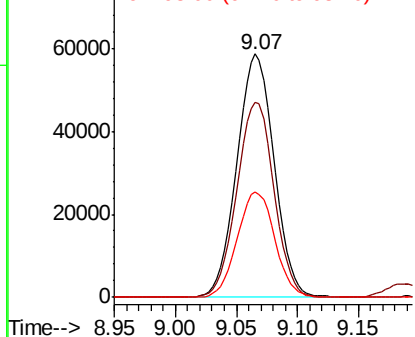
#39
Methvlcvclohexane
Concen: 19.241 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	63.9	95.9
98	43.4	35.6	53.4

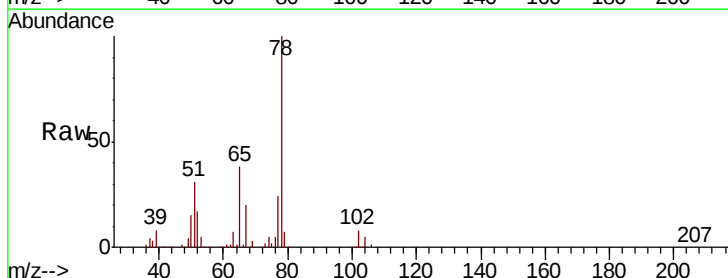


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

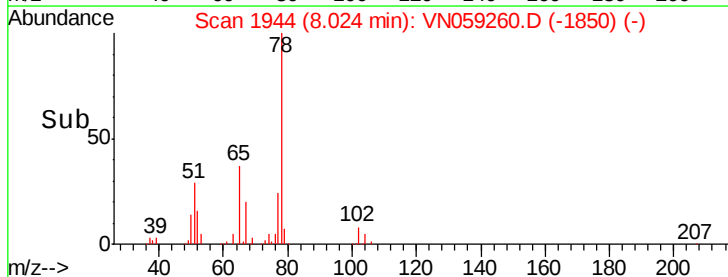
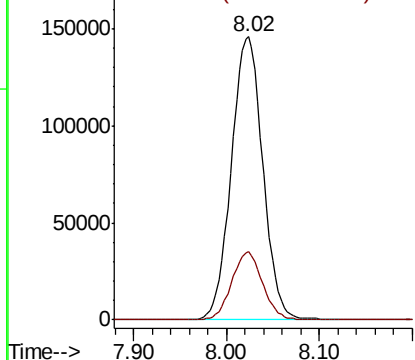


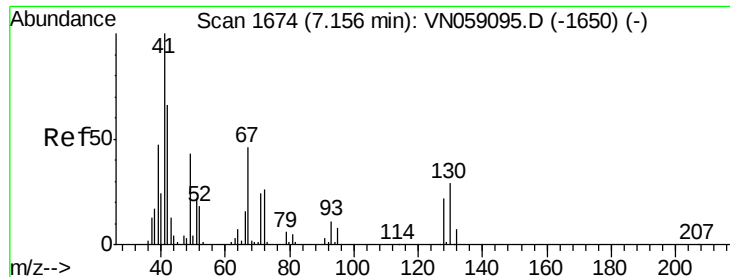
#40
Benzene
Concen: 20.534 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



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

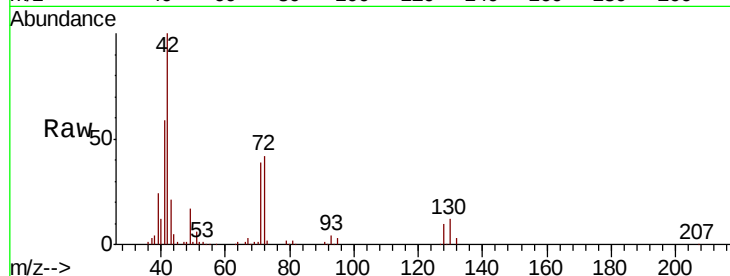




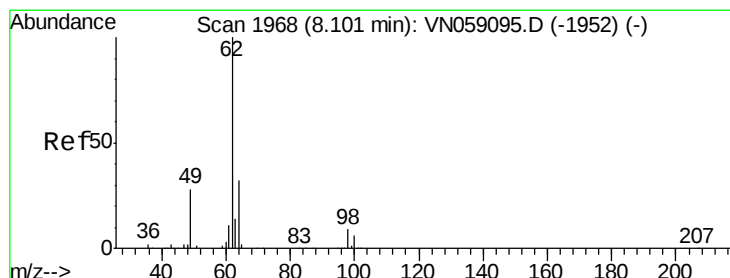
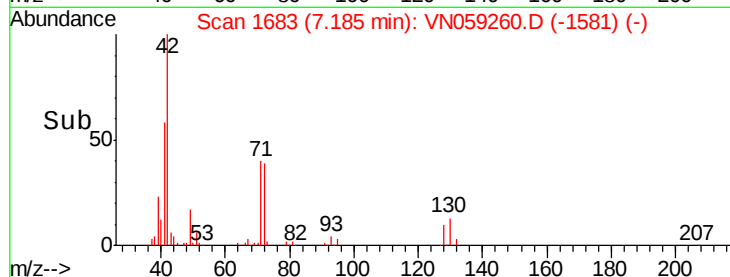
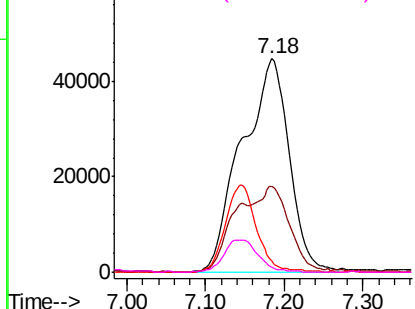
#41
Methacrylonitrile
Concen: 70.285 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	188598
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

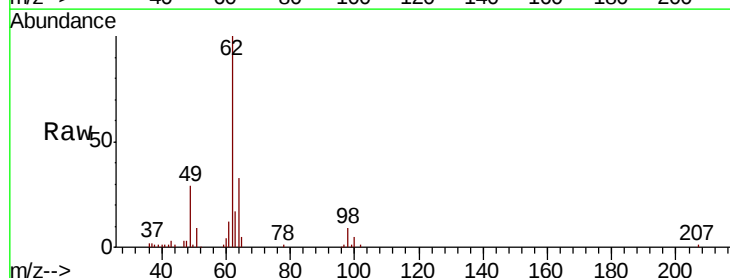


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

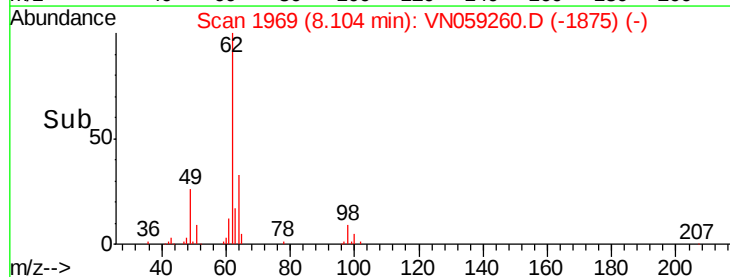
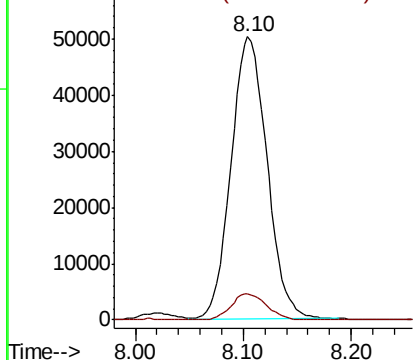


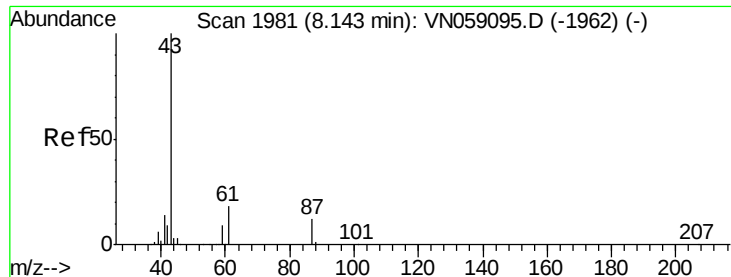
#42
1,2-Dichloroethane
Concen: 20.443 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion:	62	Resp:	117116
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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

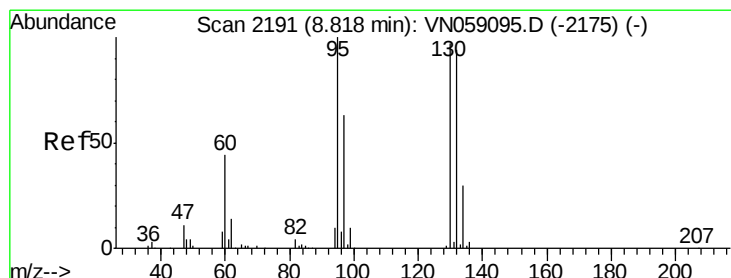
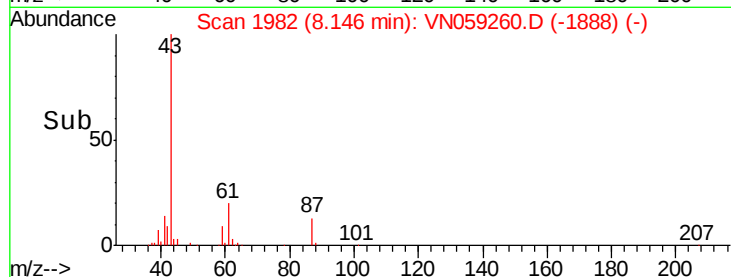
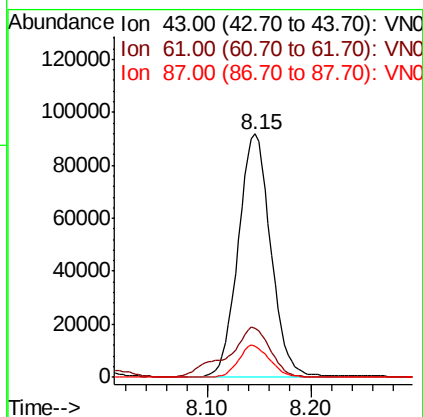
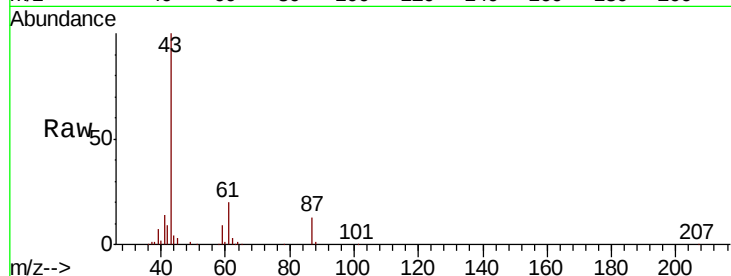




#43
Isopropyl Acetate
Concen: 20.570 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

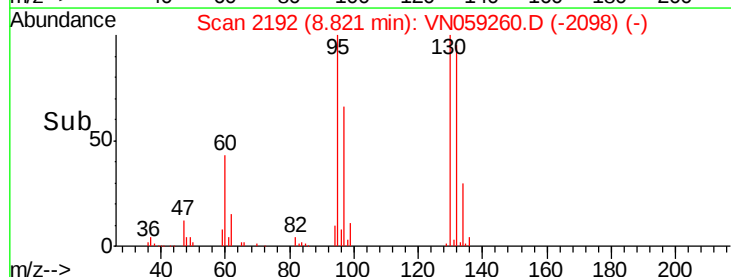
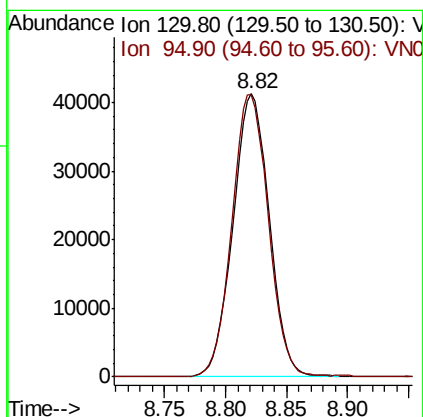
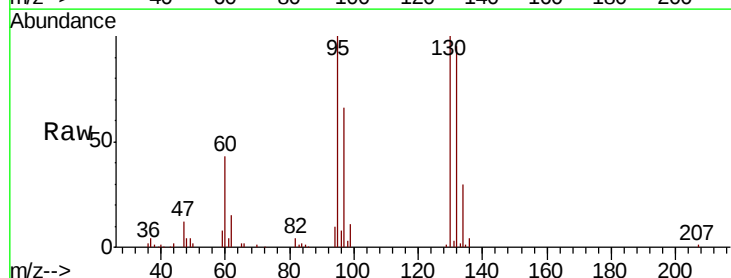
Instrument :
MSVOA_N
ClientSampleId :

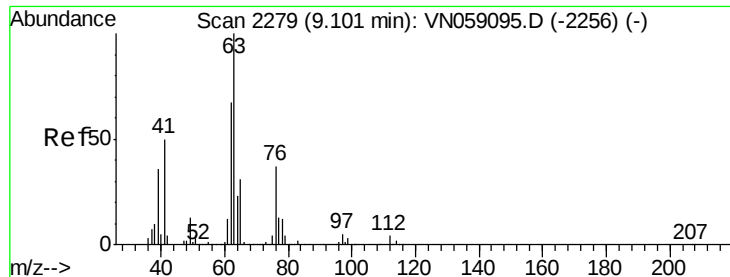
Tot Ion: 43 Resp: 202366
Ion Ratio Lower Upper
43 100
61 26.9 21.0 31.6
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 20.723 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion:130 Resp: 85088
Ion Ratio Lower Upper
130 100
95 99.7 0.0 206.4





#45

1,2-Dichloropropane

Concen: 21.381 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

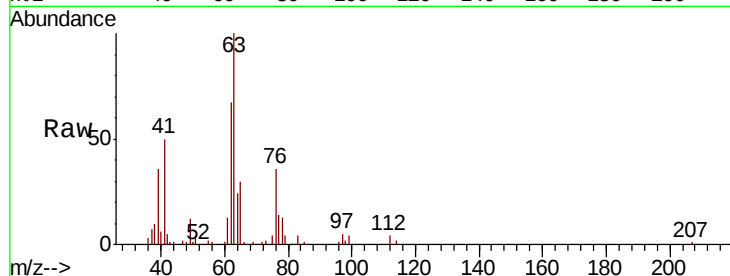
ClientSampled :

Tot Ion: 63 Resp: 97007

Ion Ratio Lower Upper

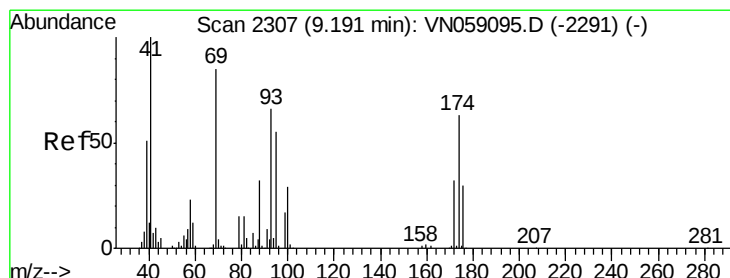
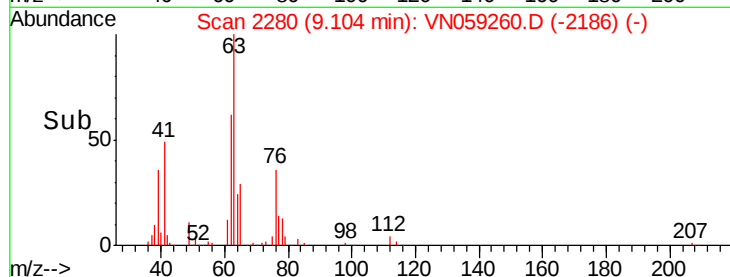
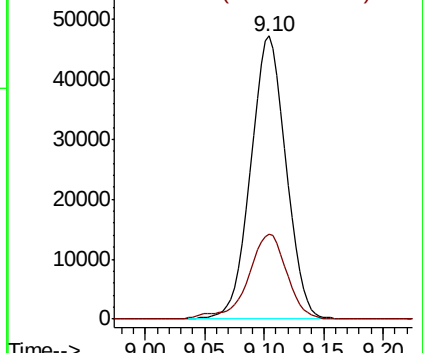
63 100

65 30.0 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.680 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

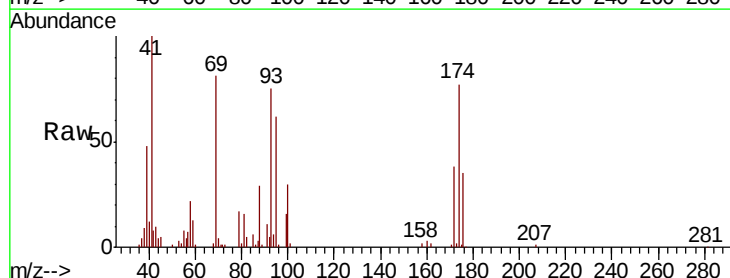
Tgt Ion: 93 Resp: 58468

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

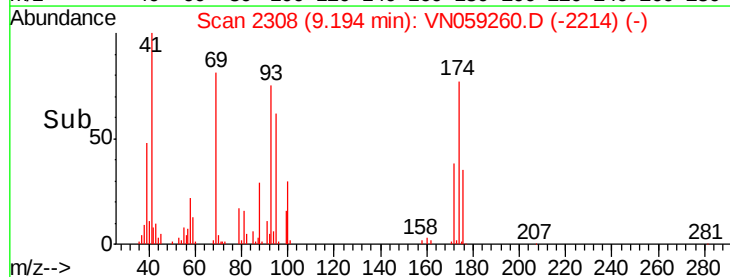
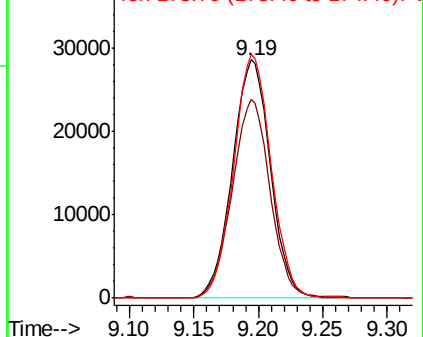
174 100.6 78.2 117.2

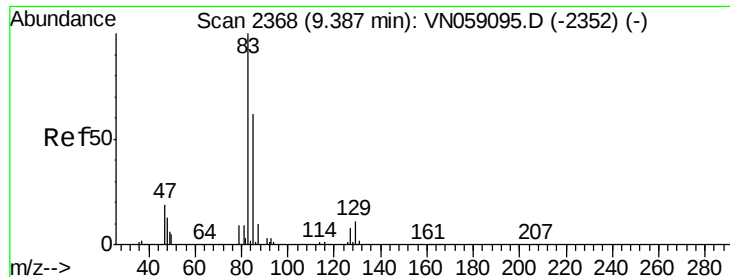


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.145 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

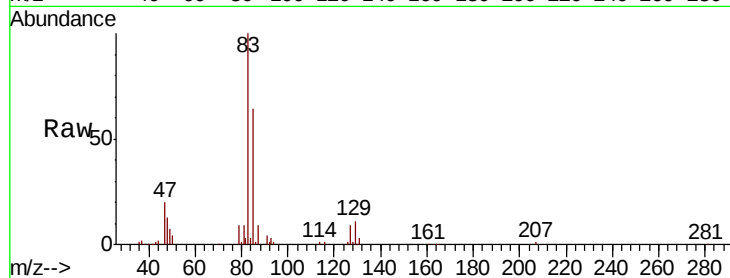
Tot Ion: 83 Resp: 119373

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

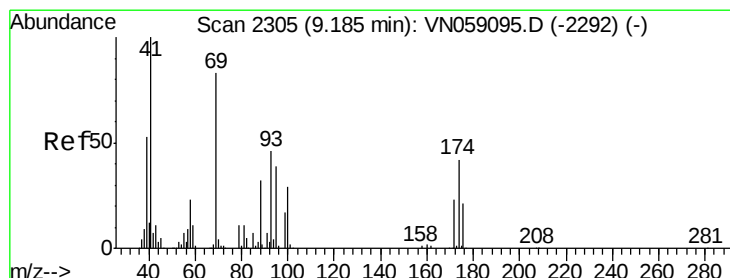
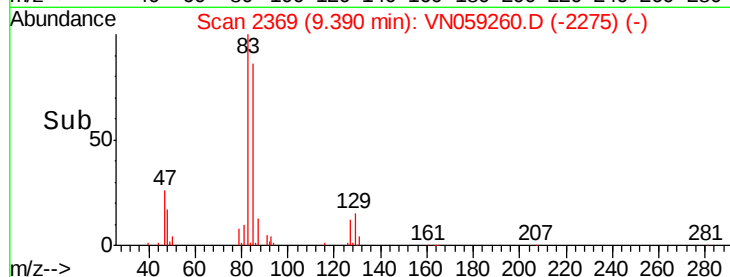
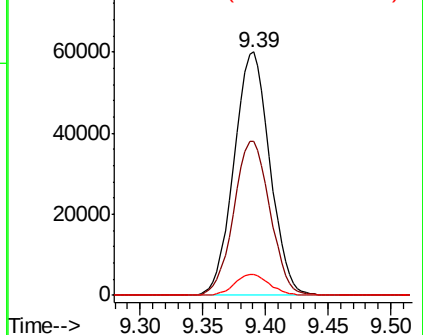
127 8.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059260.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059260.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059260.D (-2275) (-)



#48

Methyl methacrylate

Concen: 20.060 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

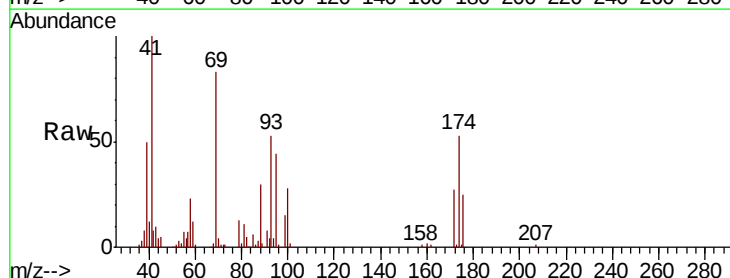
Tgt Ion: 41 Resp: 88274

Ion Ratio Lower Upper

41 100

69 85.2 67.3 100.9

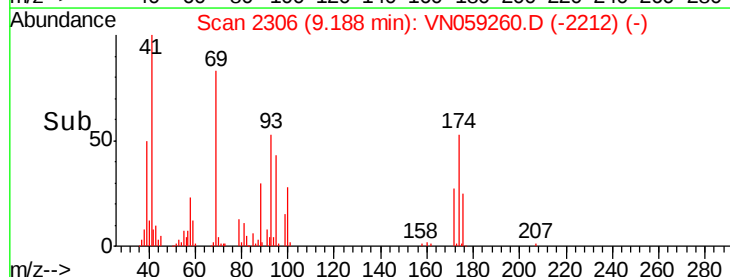
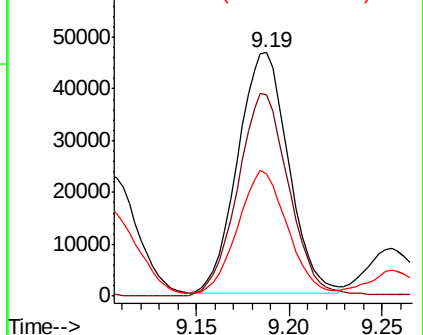
39 52.0 43.3 64.9

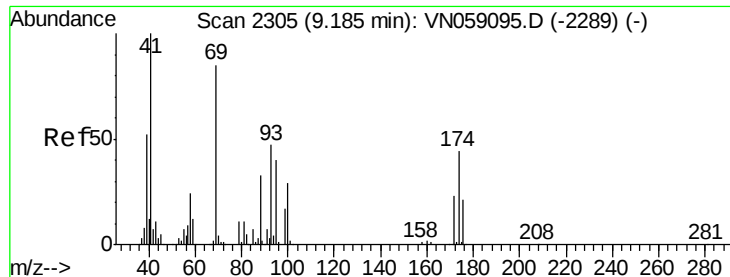


Abundance Ion 41.00 (40.70 to 41.70): VN059260.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059260.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059260.D (-2212) (-)

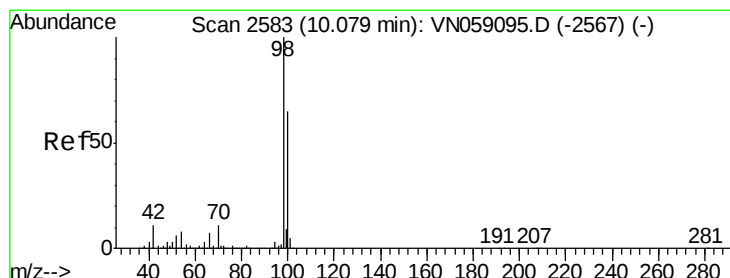
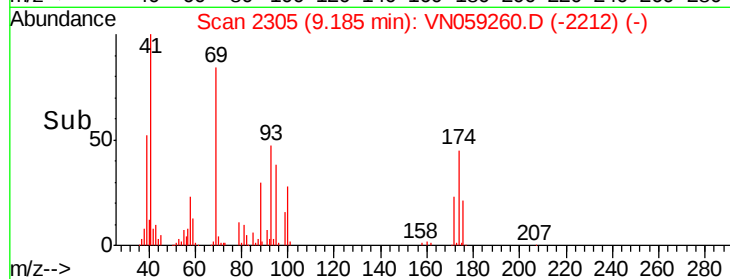
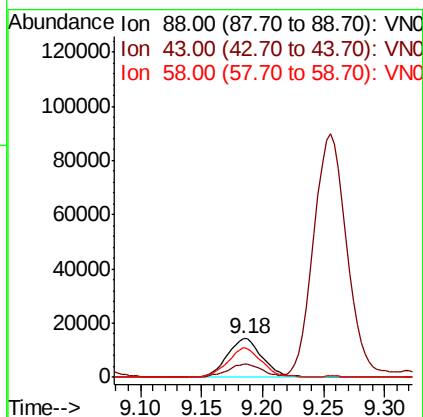
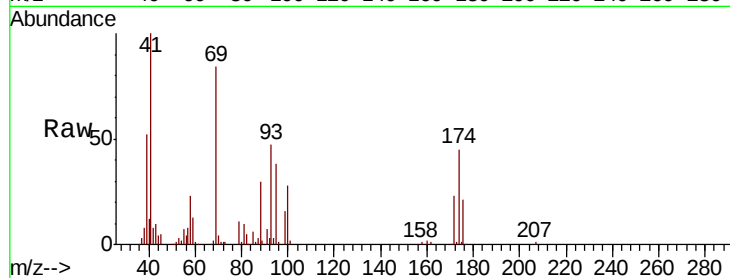




#49
1,4-Dioxane
Concen: 372.294 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

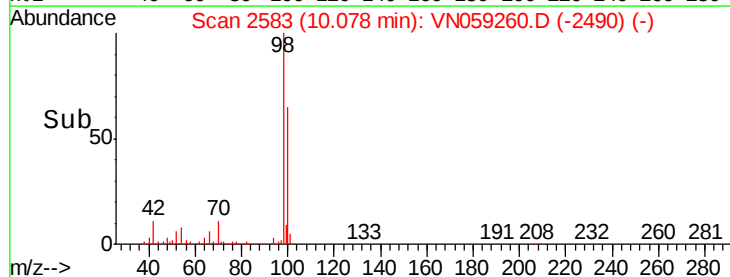
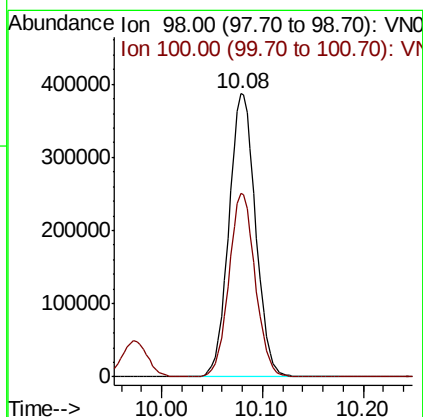
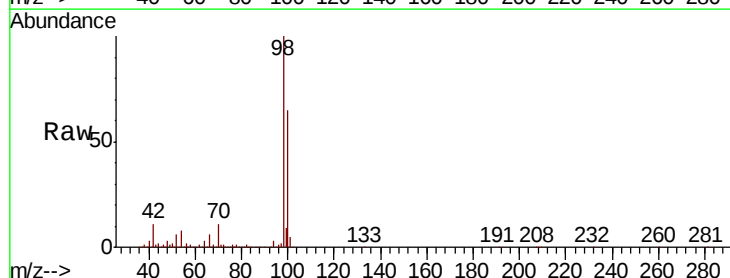
Instrument :
MSVOA_N
ClientSampleId :

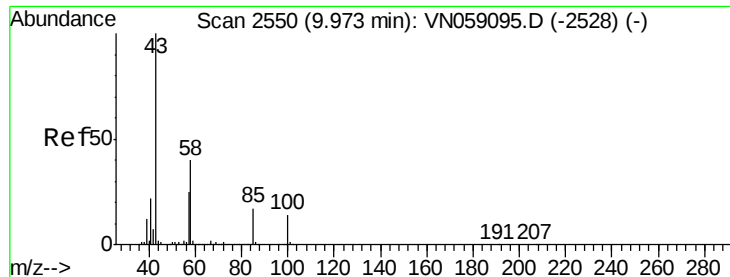
Tot Ion: 88 Resp: 29114
Ion Ratio Lower Upper
88 100
43 33.5 26.3 39.5
58 73.7 60.6 90.8



#50
Toluene-d8
Concen: 50.978 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 98 Resp: 711512
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

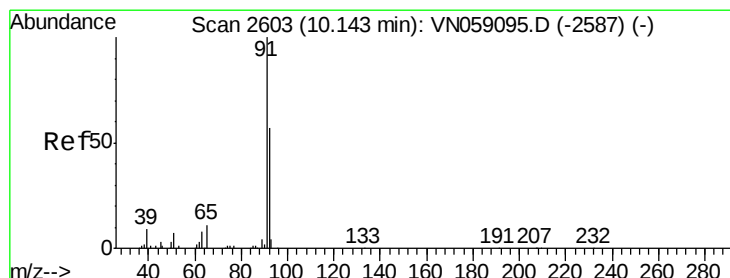
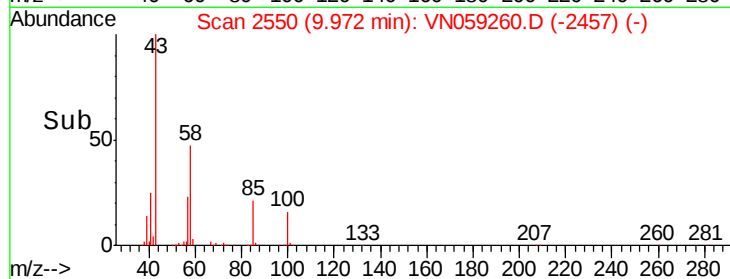
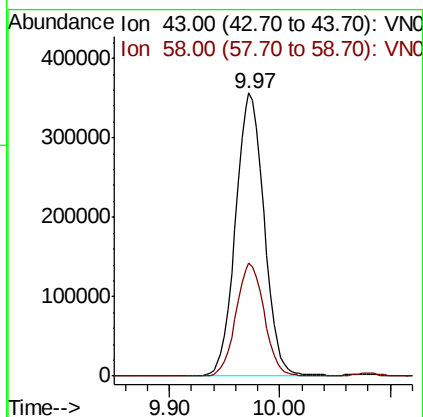
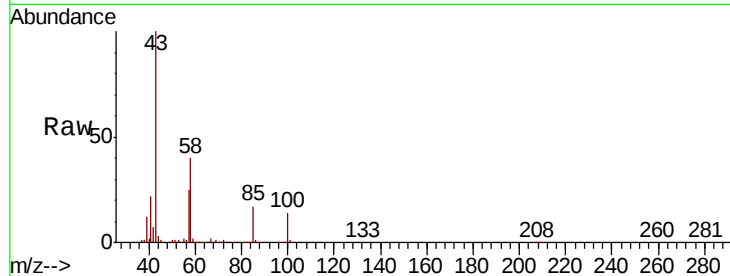




#51
4-Methyl-2-Pentanone
Concen: 114.911 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

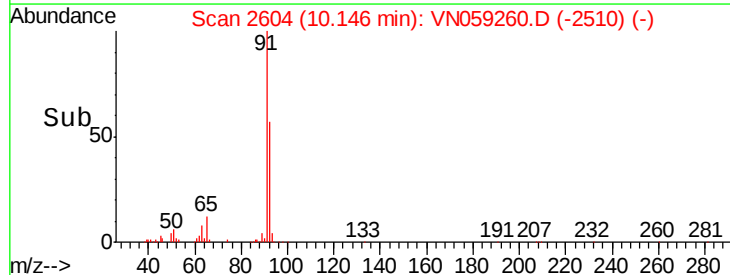
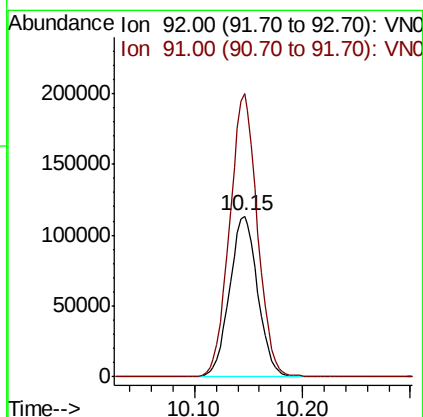
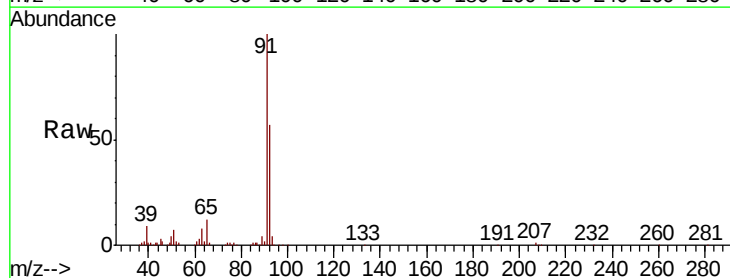
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 639646
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 20.561 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 92 Resp: 205853
Ion Ratio Lower Upper
92 100
91 174.0 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 20.261 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

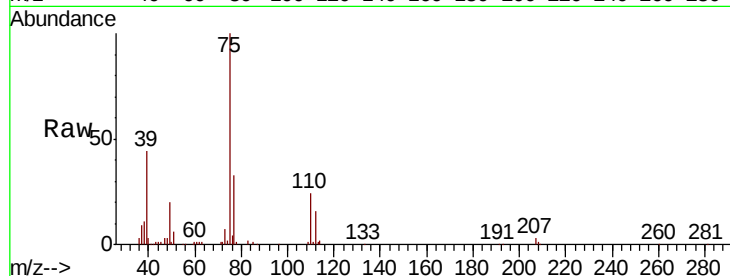
ClientSampleId :

Tot Ion: 75 Resp: 132151

Ion Ratio Lower Upper

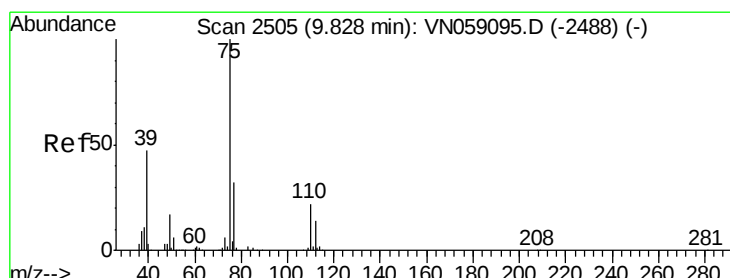
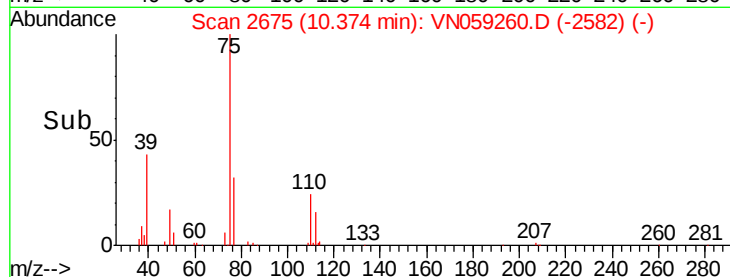
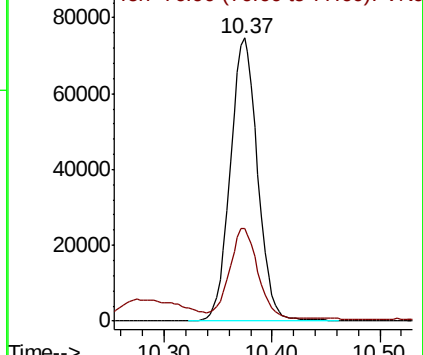
75 100

77 31.9 25.3 37.9



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: 20.522 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

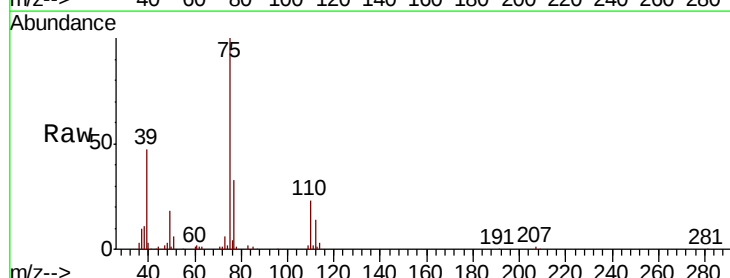
Tgt Ion: 75 Resp: 143980

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

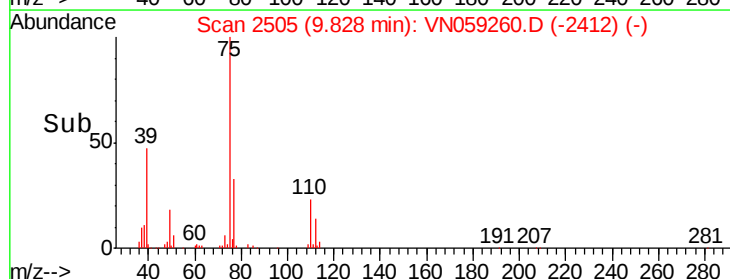
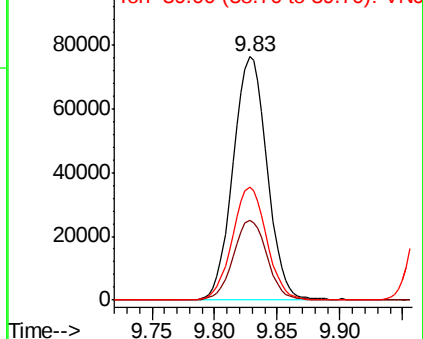
39 46.3 37.3 55.9

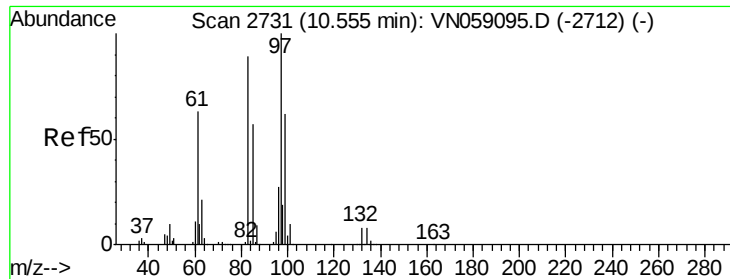


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

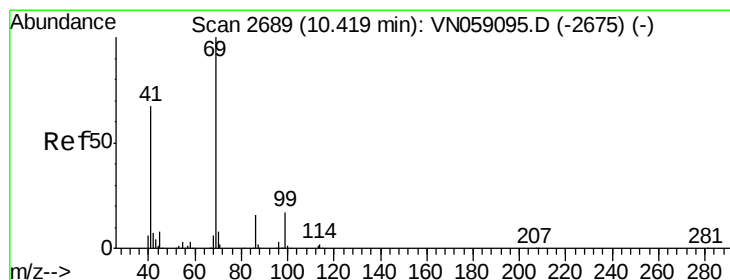
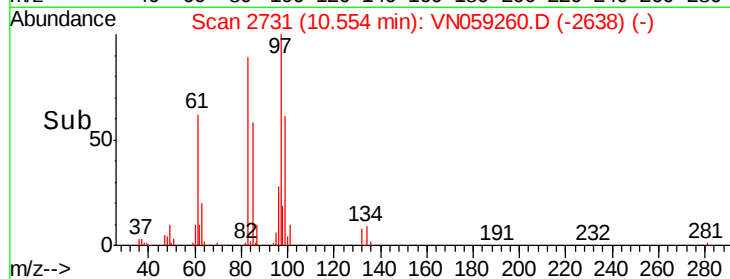
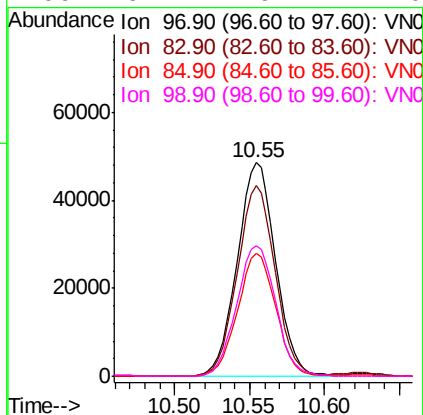
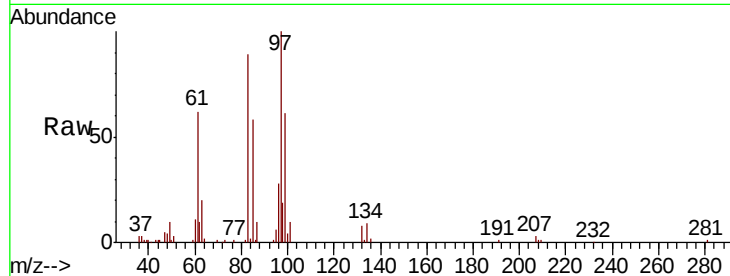




#55
 1,1,2-Trichloroethane
 Concen: 21.413 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

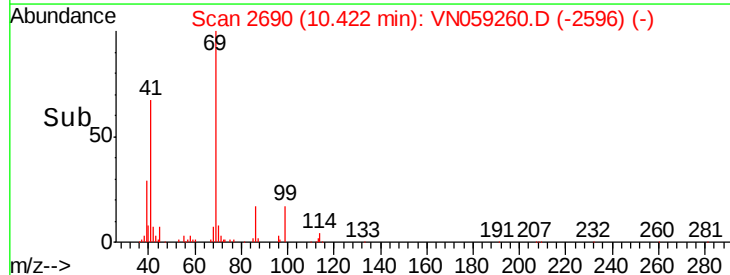
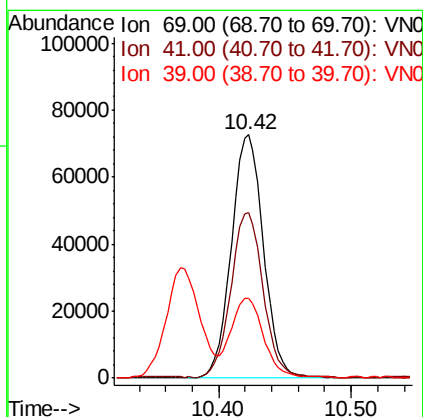
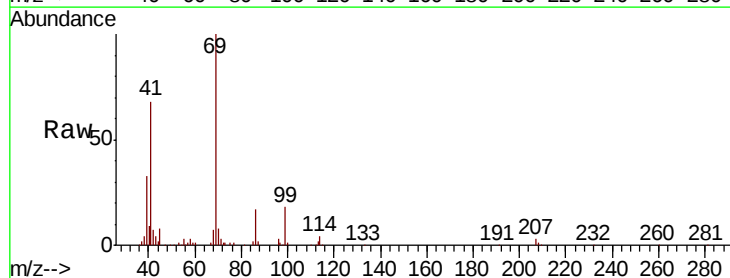
Instrument :
 MSVOA_N
 ClientSampleId :

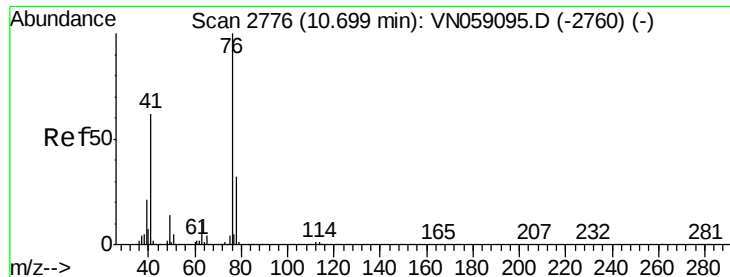
Tot Ion:	97	Resp:	86761
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.0	106.4
85	57.7	45.8	68.8
99	61.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.332 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Tgt Ion:	69	Resp:	122579
Ion	Ratio	Lower	Upper
69	100		
41	67.7	53.6	80.4
39	32.4	26.2	39.4





#57

1,3-Dichloropropane

Concen: 21.287 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

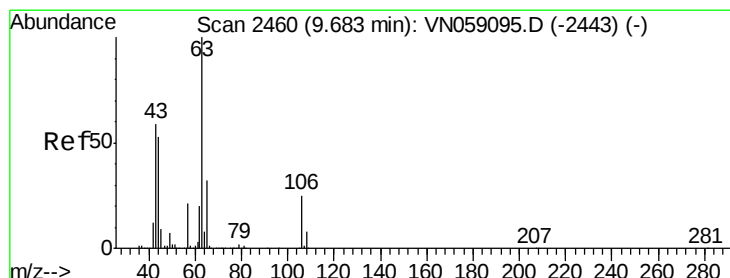
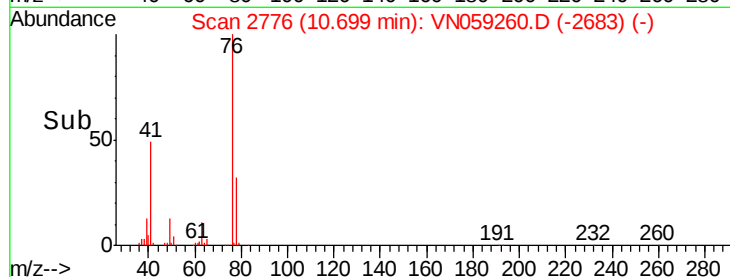
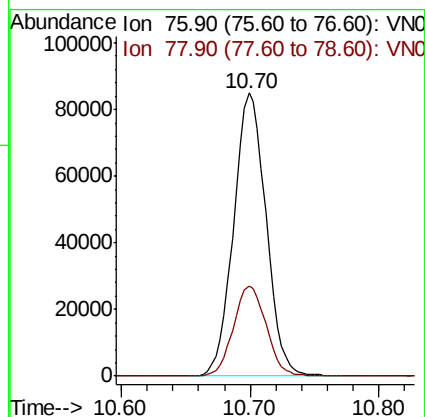
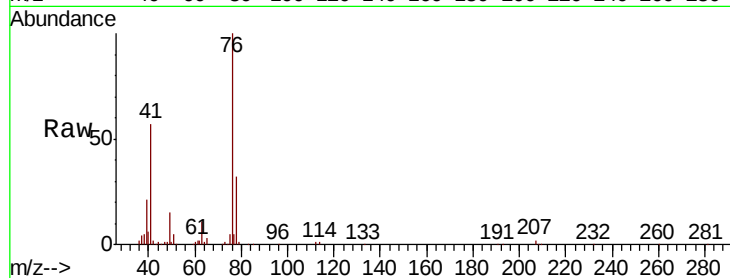
ClientSampleId :

Tot Ion: 76 Resp: 148450

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.636 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059260.D

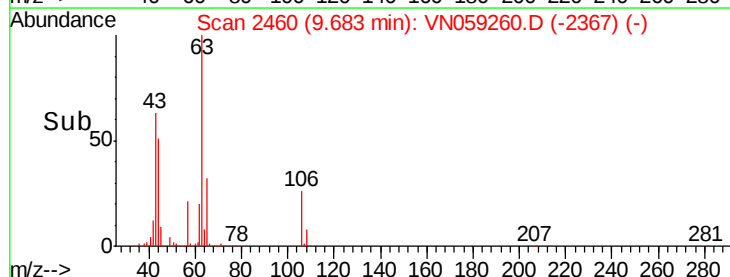
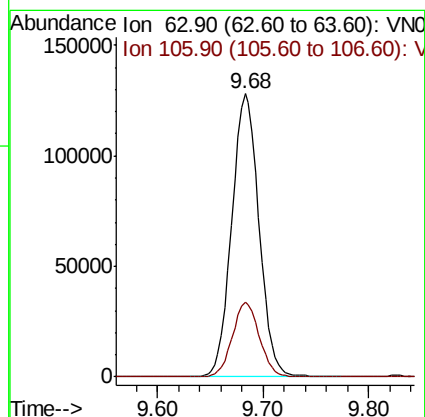
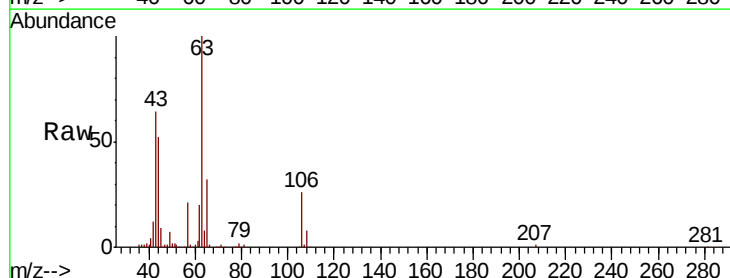
Acq: 15 Nov 2019 13:08

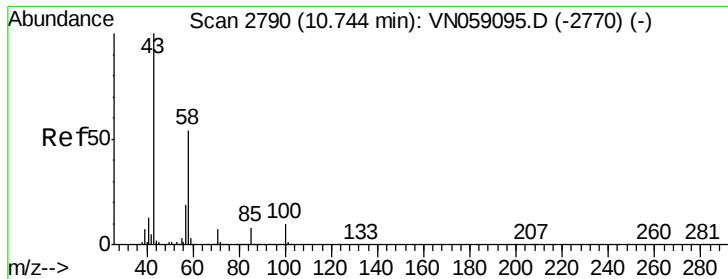
Tgt Ion: 63 Resp: 229184

Ion Ratio Lower Upper

63 100

106 26.0 20.2 30.2

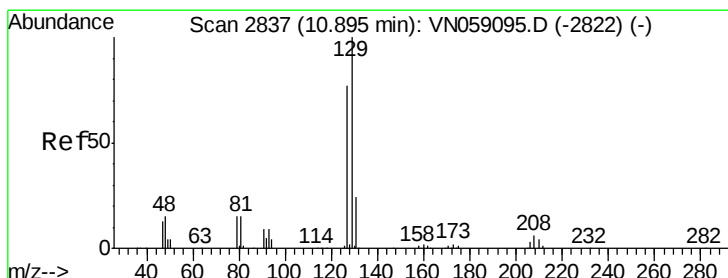
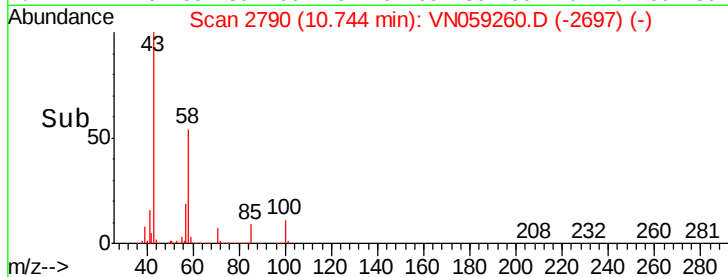
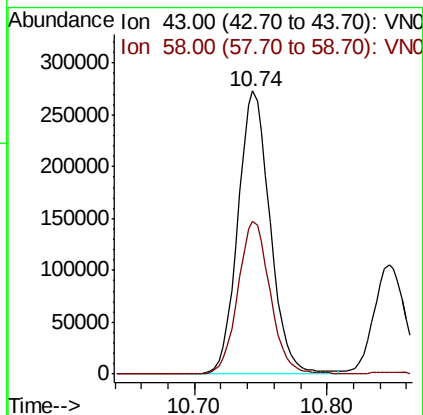
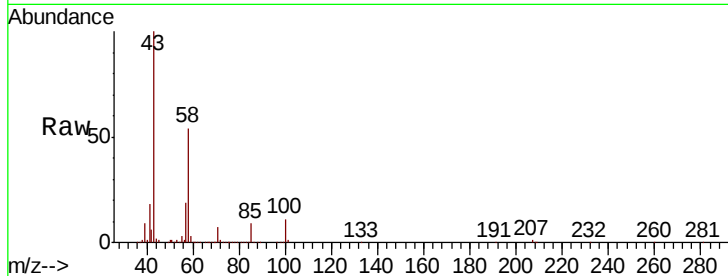




#59
2-Hexanone
Concen: 107.443 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

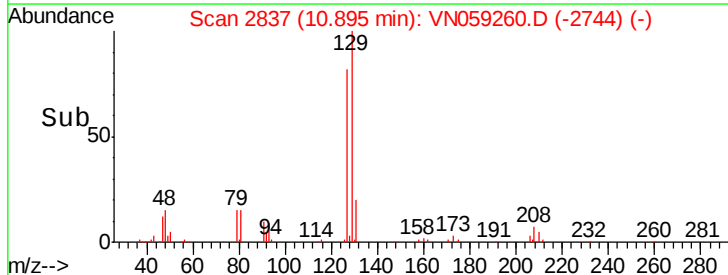
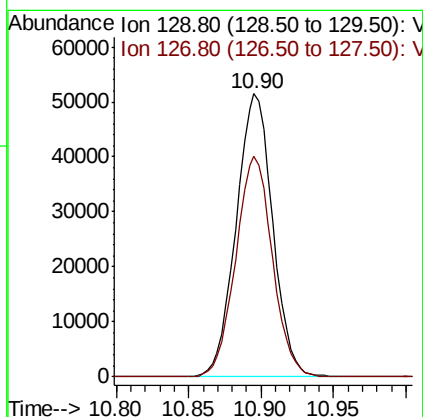
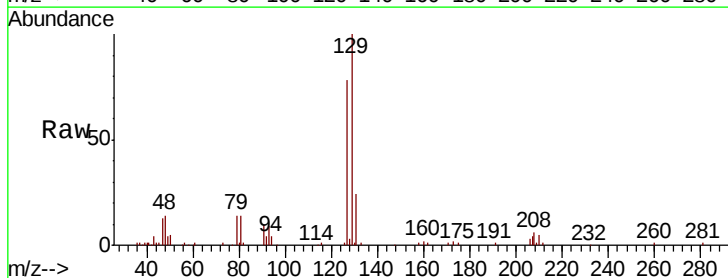
Instrument :
MSVOA_N
ClientSampleId :

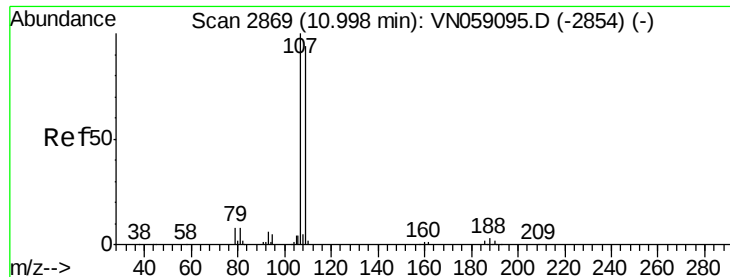
Tot Ion: 43 Resp: 459052
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 21.023 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 129 Resp: 90061
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.164 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

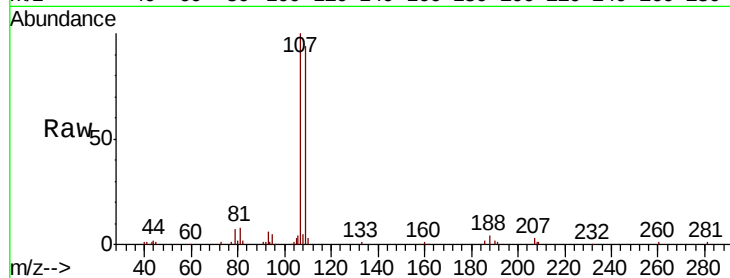
ClientSampled :

Tot Ion:107 Resp: 86807

Ion Ratio Lower Upper

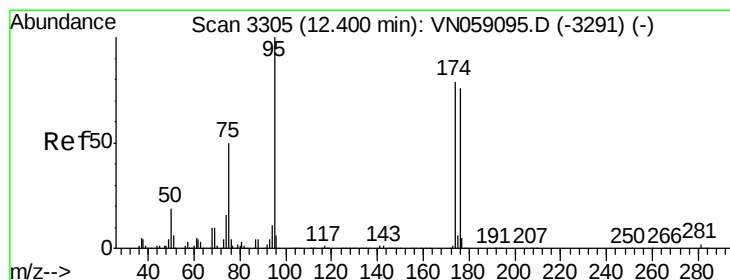
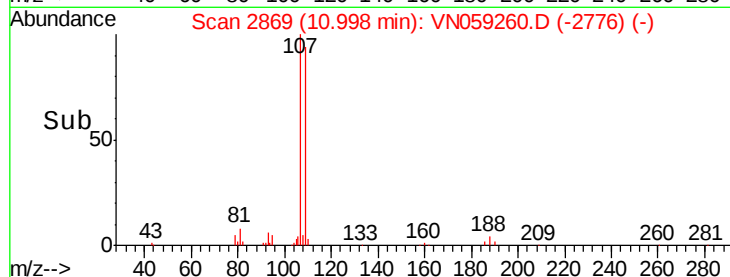
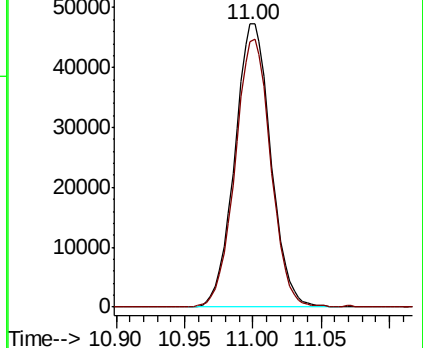
107 100

109 93.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.155 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

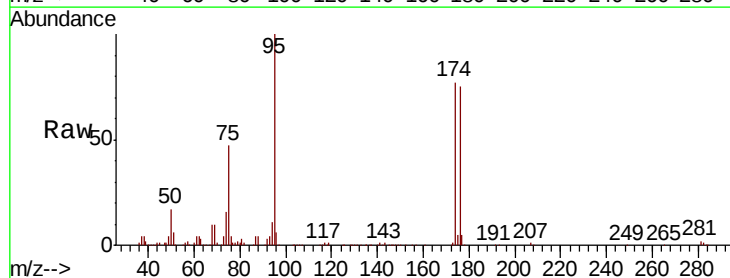
Tgt Ion: 95 Resp: 257435

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

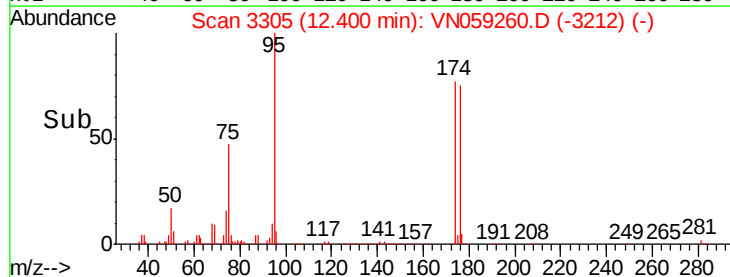
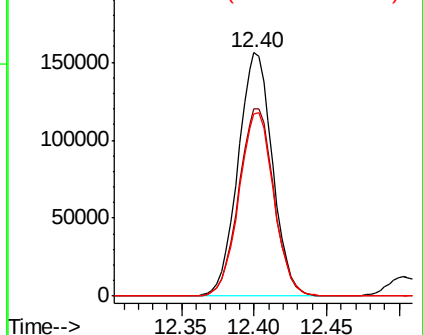
176 76.3 0.0 151.8

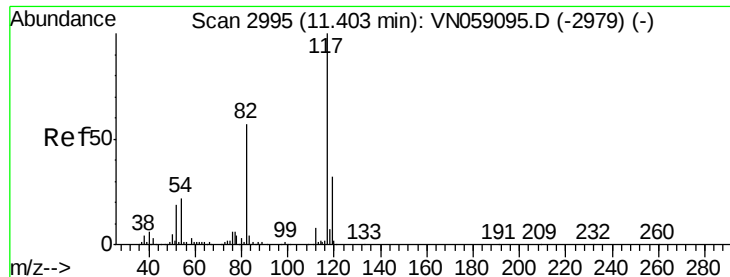


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

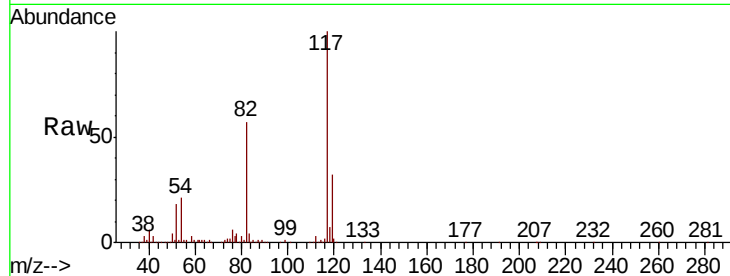
Tot Ion:117 Resp: 534180

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.8

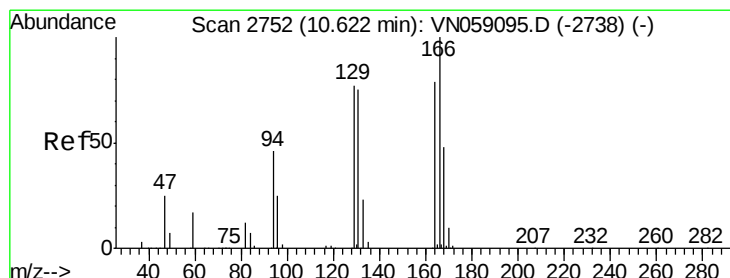
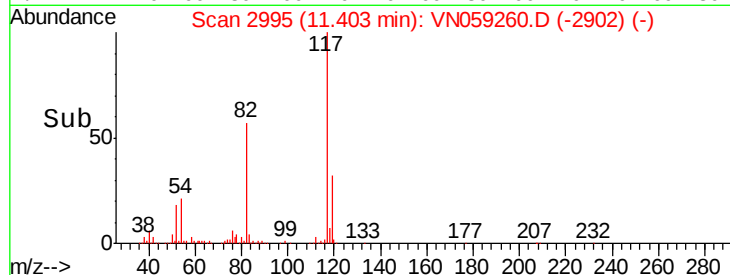
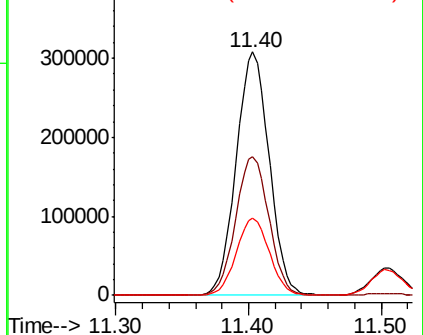
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.890 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Tgt Ion:164 Resp: 75878

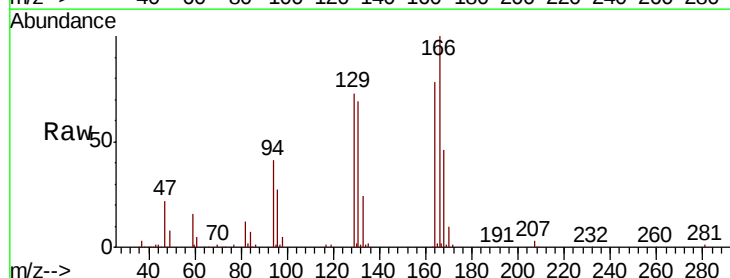
Ion Ratio Lower Upper

164 100

166 128.2 101.5 152.3

129 93.6 78.3 117.5

131 88.4 75.9 113.9

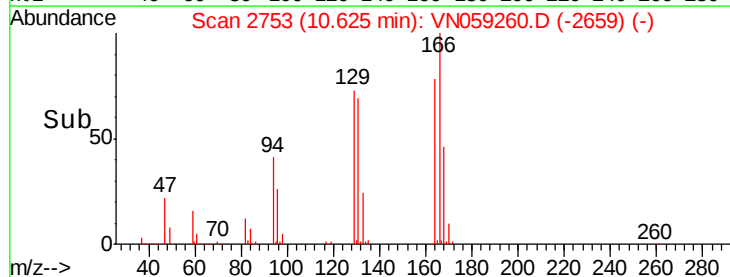
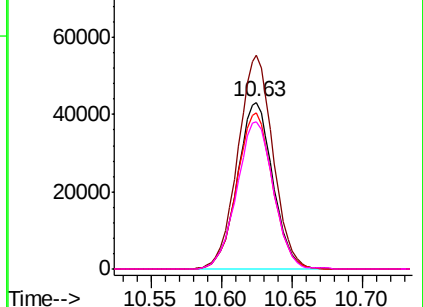


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

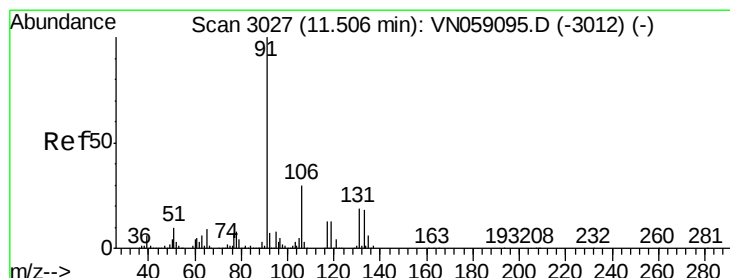
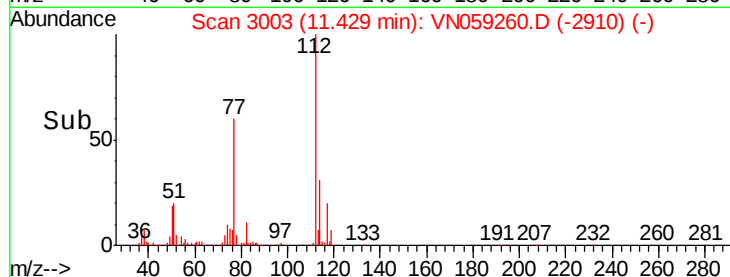
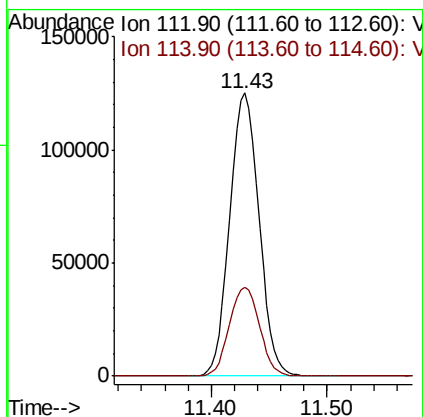
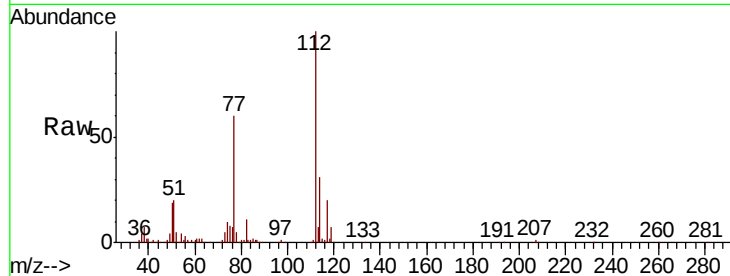




#65
Chlorobenzene
Concen: 20.965 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

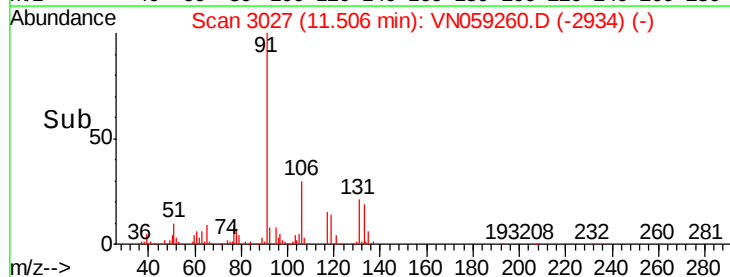
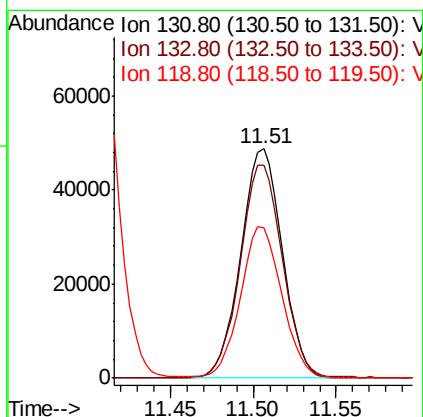
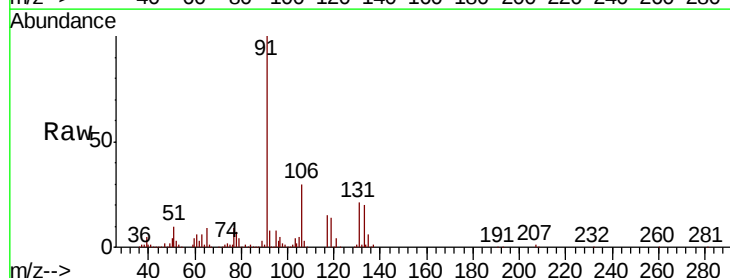
Instrument :
MSVOA_N
ClientSampled :

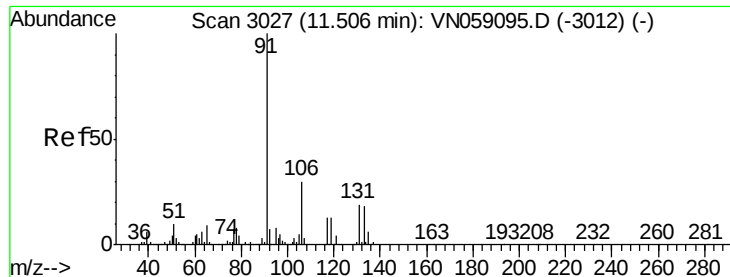
Tot Ion:112 Resp: 218317
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.777 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion:131 Resp: 85067
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 65.9 33.2 99.6





#67

Ethyl Benzene

Concen: 21.207 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

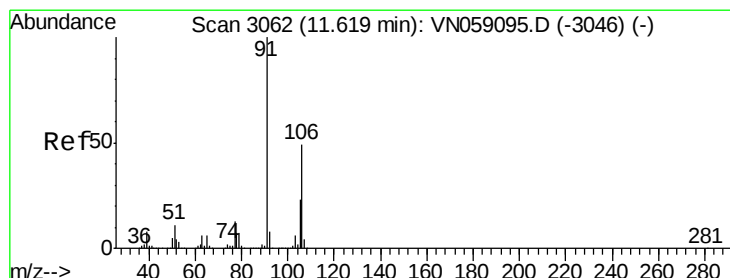
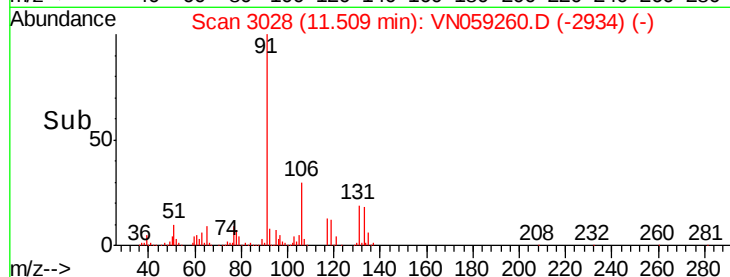
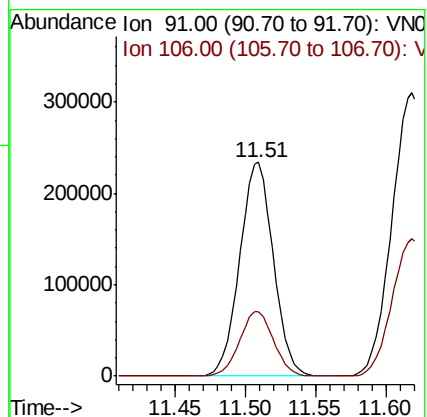
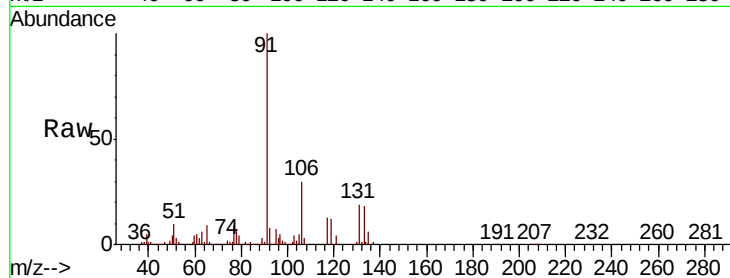
ClientSampleId :

Tot Ion: 91 Resp: 391802

Ion Ratio Lower Upper

91 100

106 29.9 24.1 36.1



#68

m/p-Xylenes

Concen: 41.715 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059260.D

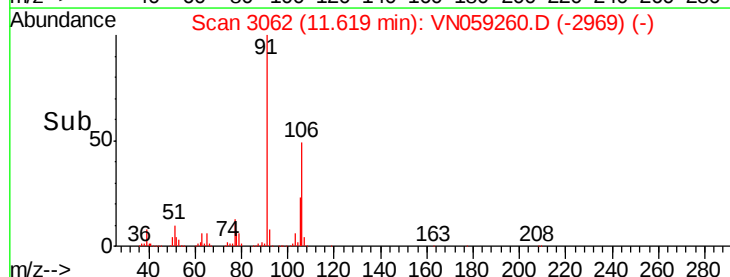
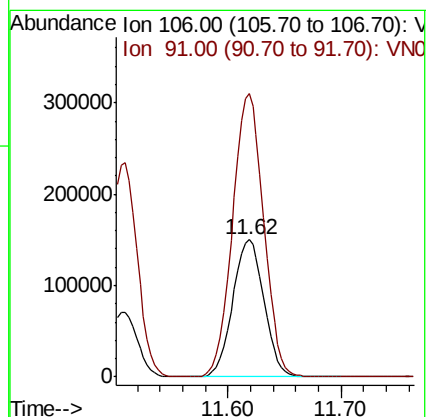
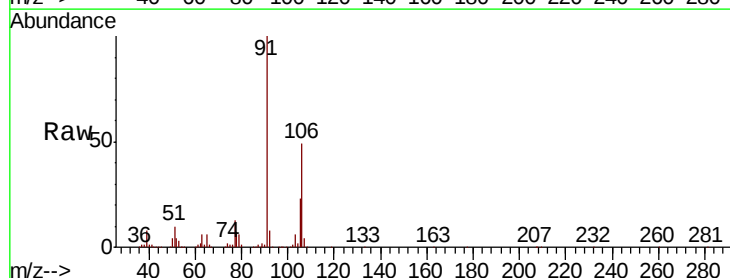
Acq: 15 Nov 2019 13:08

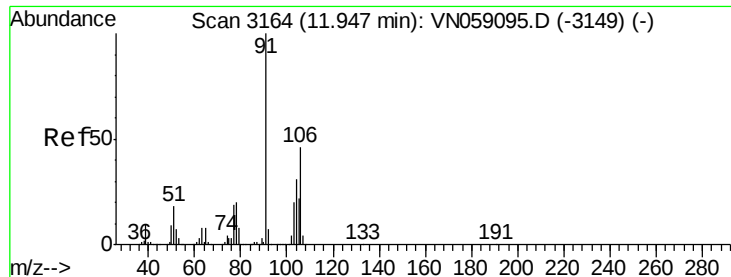
Tgt Ion: 106 Resp: 288695

Ion Ratio Lower Upper

106 100

91 205.0 164.7 247.1

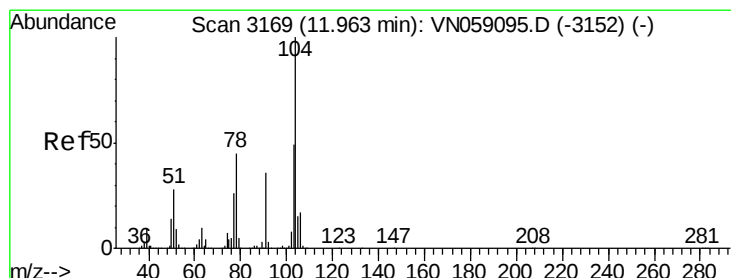
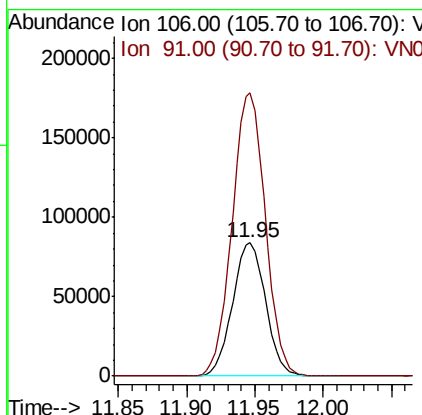
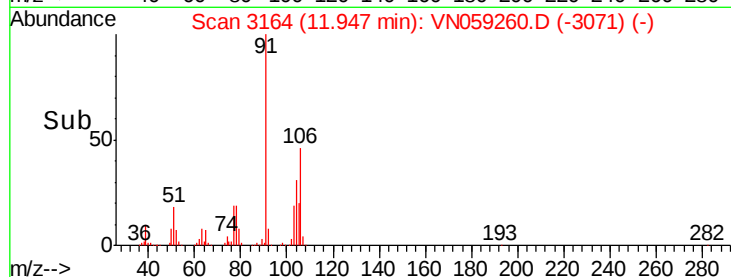
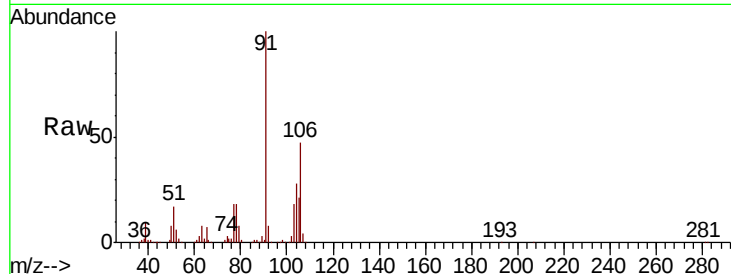




#69
o-Xylene
Concen: 21.078 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

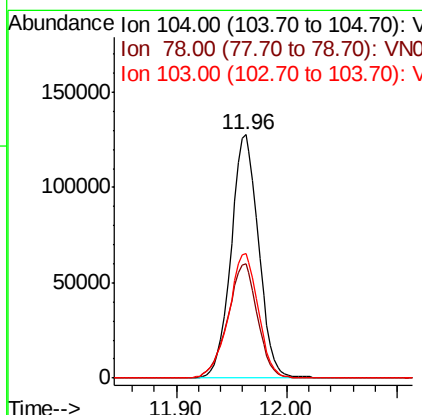
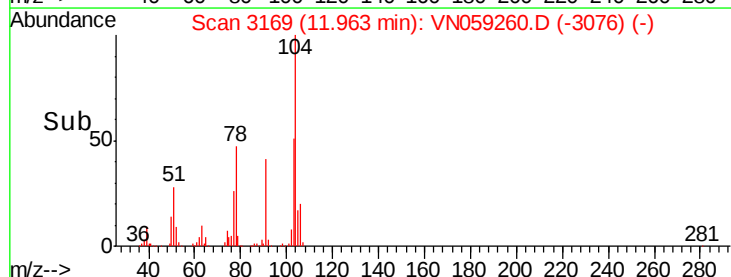
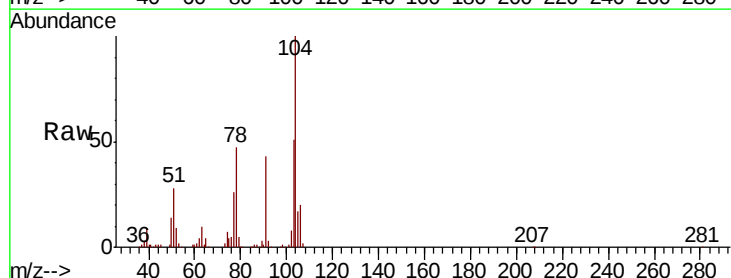
Instrument :
MSVOA_N
ClientSampled :

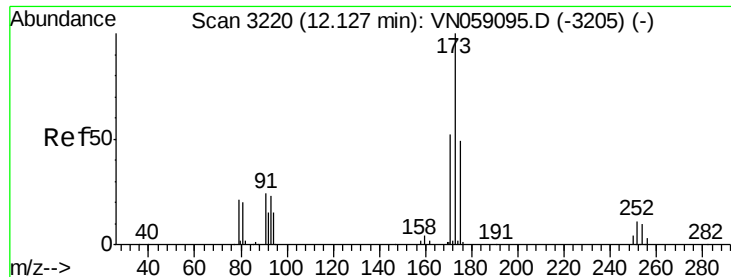
Tot Ion:106 Resp: 140974
Ion Ratio Lower Upper
106 100
91 213.6 110.1 330.3



#70
Styrene
Concen: 21.020 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion:104 Resp: 221100
Ion Ratio Lower Upper
104 100
78 50.8 41.2 61.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 20.877 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

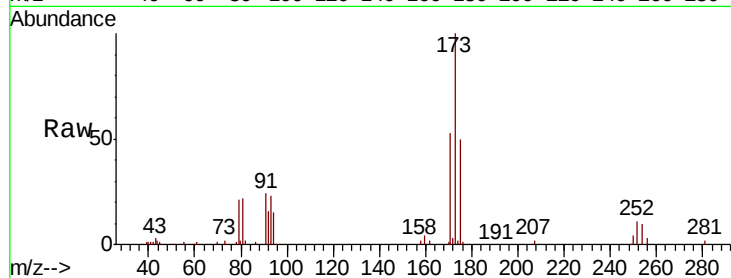
Tot Ion:173 Resp: 63433

Ion Ratio Lower Upper

173 100

175 49.2 24.2 72.6

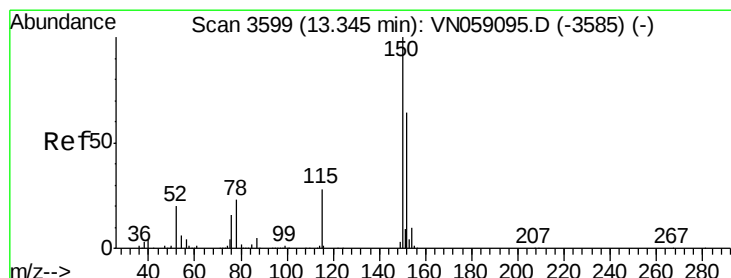
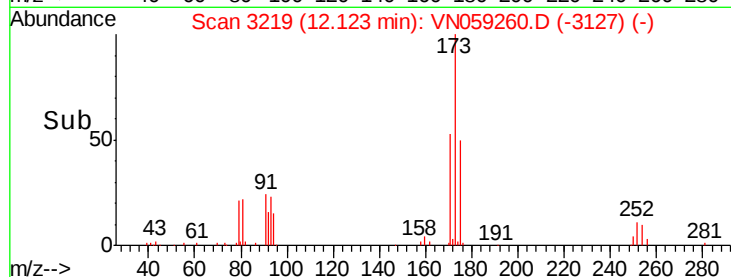
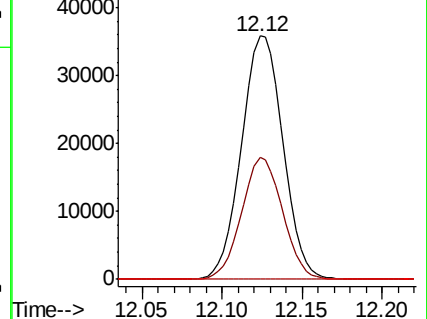
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

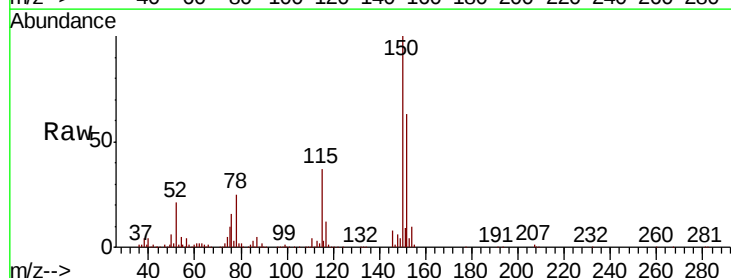
Tgt Ion:152 Resp: 246553

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

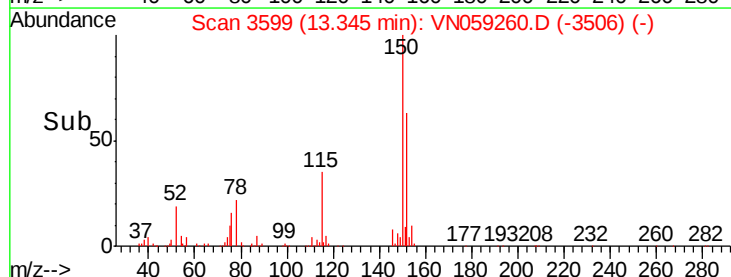
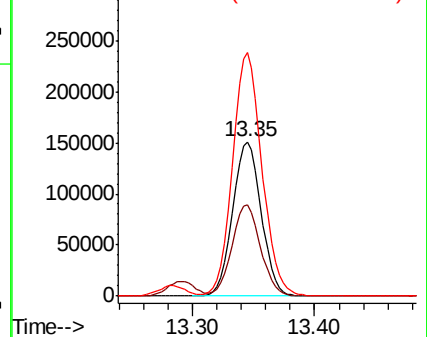
150 161.8 0.0 345.8

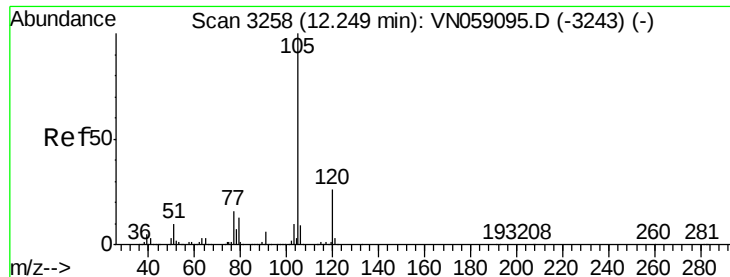


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.133 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

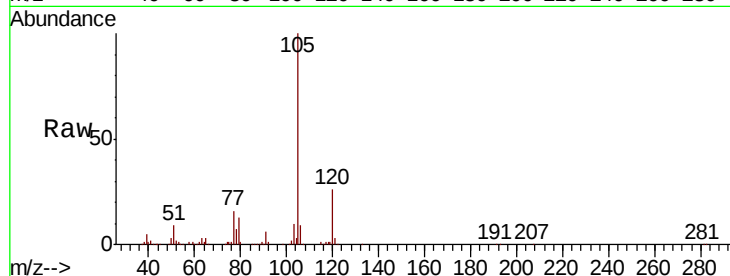
ClientSampled :

Tot Ion: 105 Resp: 378998

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

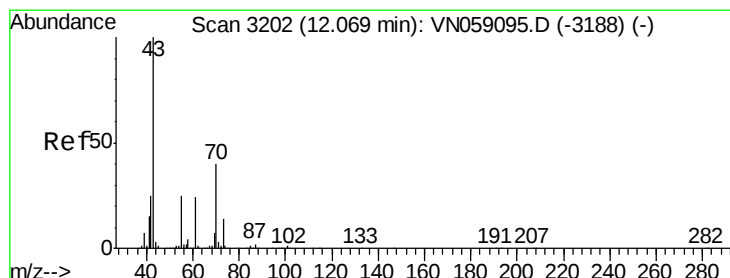
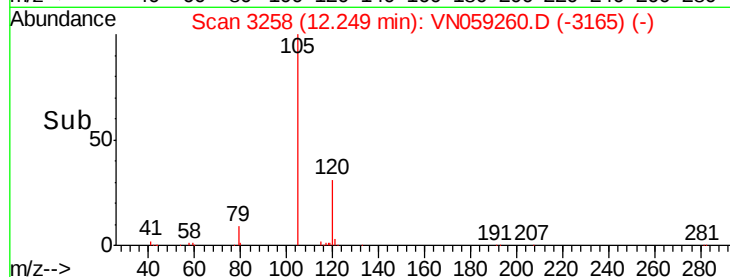
50000

0

12.25

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 20.093 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Tgt Ion: 43 Resp: 152694

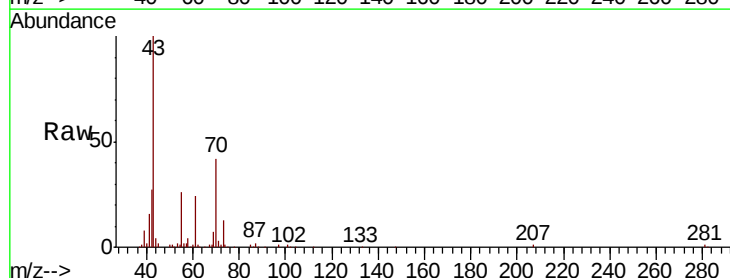
Ion Ratio Lower Upper

43 100

70 42.6 32.2 48.4

55 27.0 20.4 30.6

61 24.0 19.3 28.9



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

150000

100000

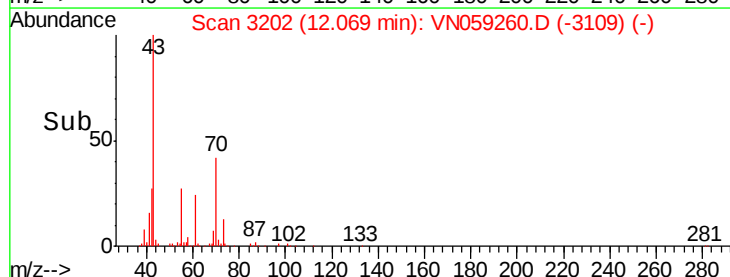
50000

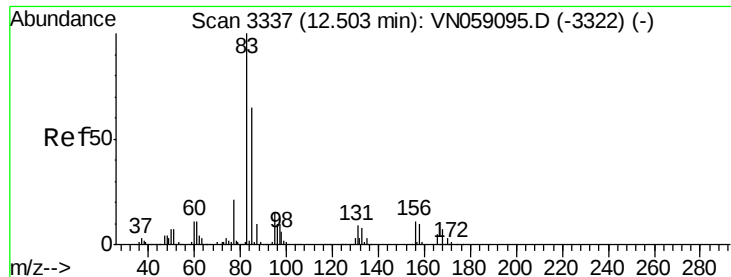
0

12.07

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.562 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampled :

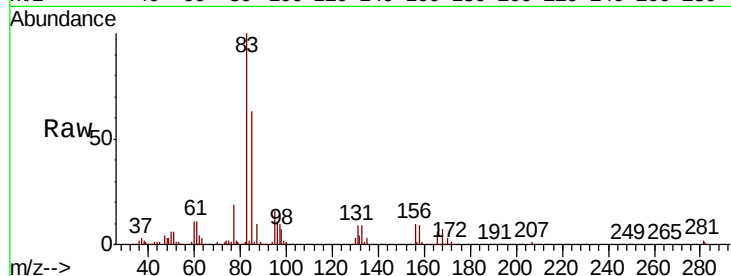
Tot Ion: 83 Resp: 131689

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.6
85	65.0	32.4	97.2

83 100

131 9.5 4.9 14.6

85 65.0 32.4 97.2

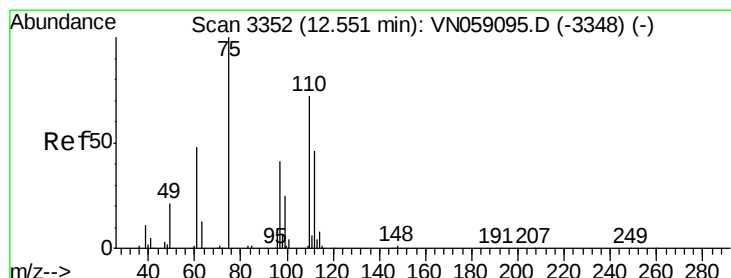
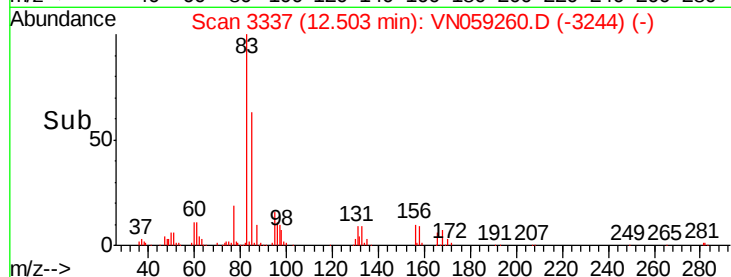
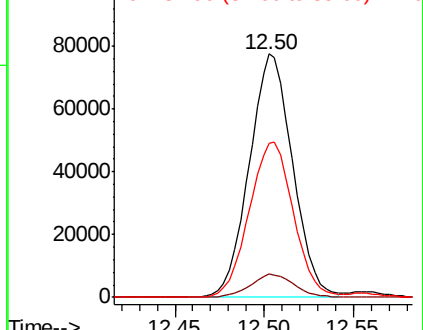


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.995 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059260.D

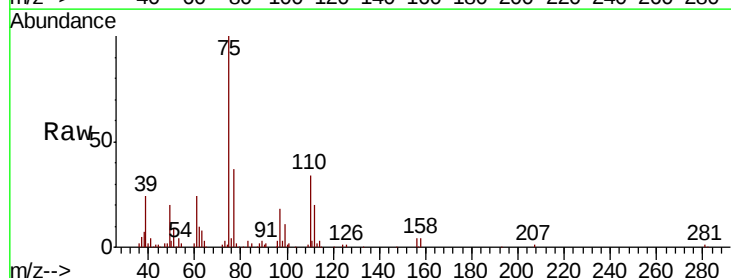
Acq: 15 Nov 2019 13:08

Tgt Ion: 75 Resp: 168367

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

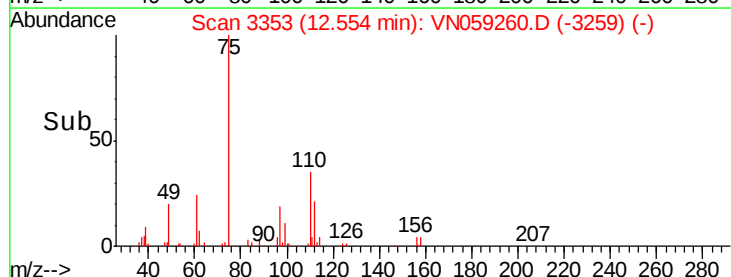
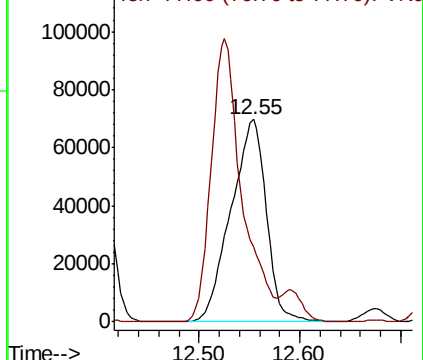
77 0.0 0.0 0.0

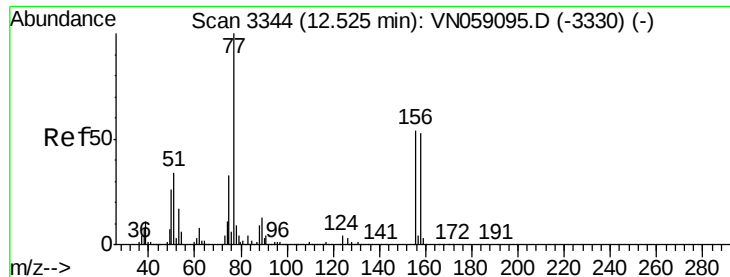


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.595 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

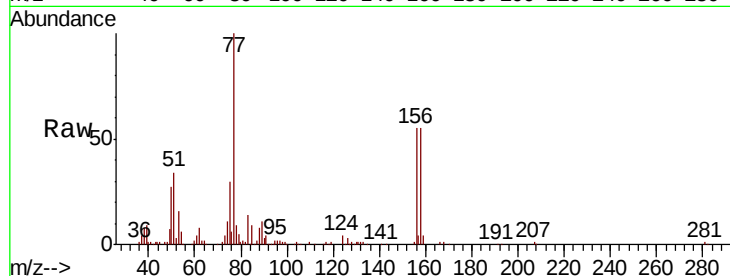
Tot Ion:156 Resp: 92799

Ion Ratio Lower Upper

156 100

77 222.5 112.8 338.3

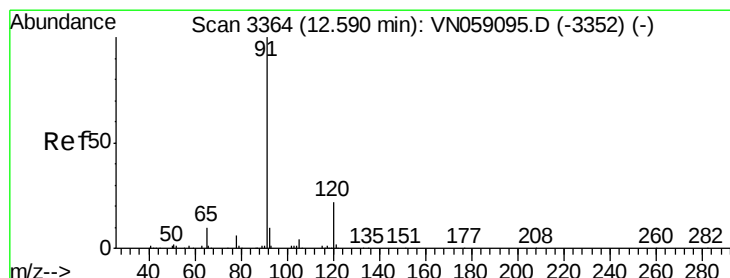
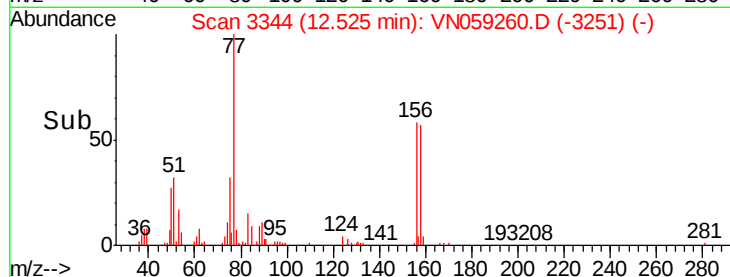
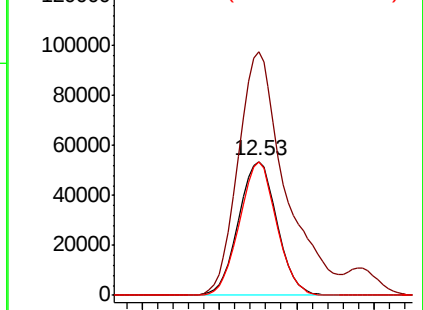
158 96.5 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.884 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059260.D

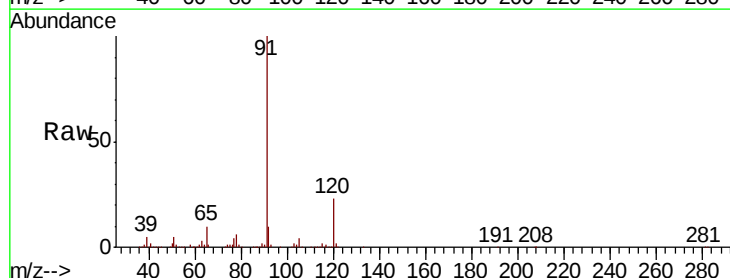
Acq: 15 Nov 2019 13:08

Tgt Ion: 91 Resp: 428847

Ion Ratio Lower Upper

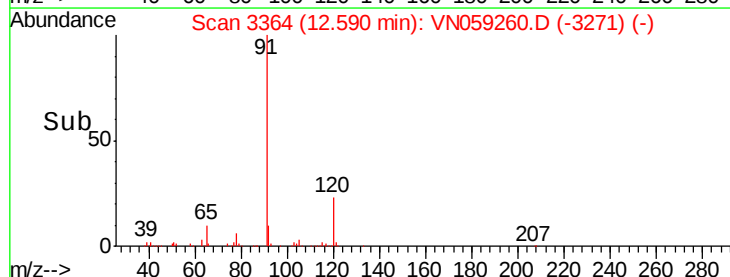
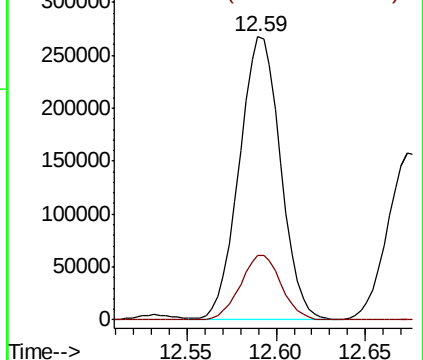
91 100

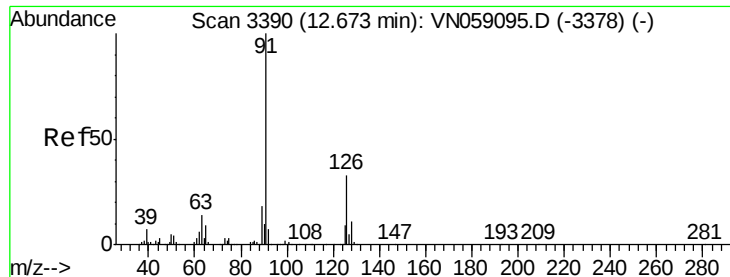
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.409 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

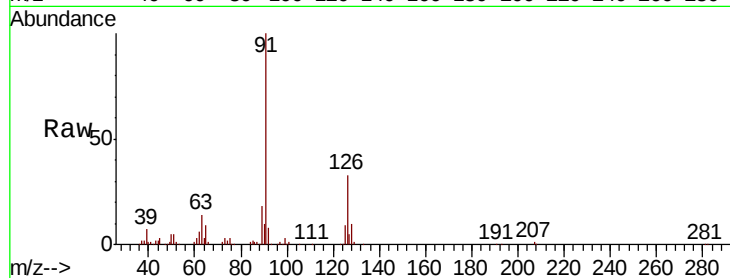
ClientSampleId :

Tot Ion: 91 Resp: 259982

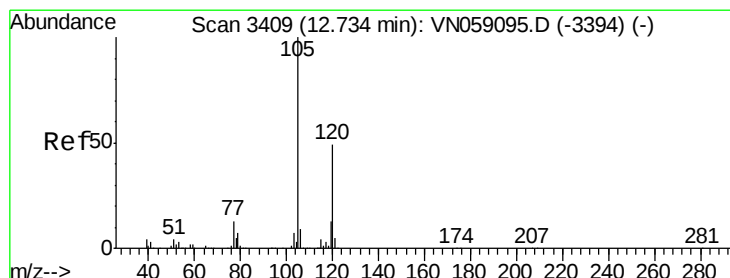
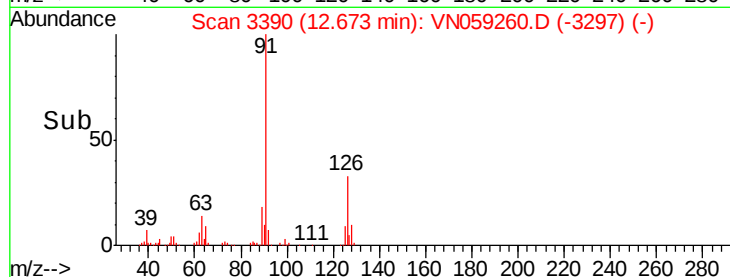
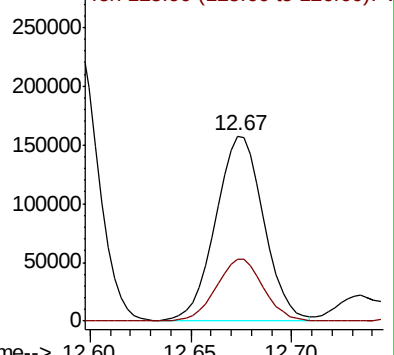
Ion Ratio Lower Upper

91 100

126 33.2 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.792 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059260.D

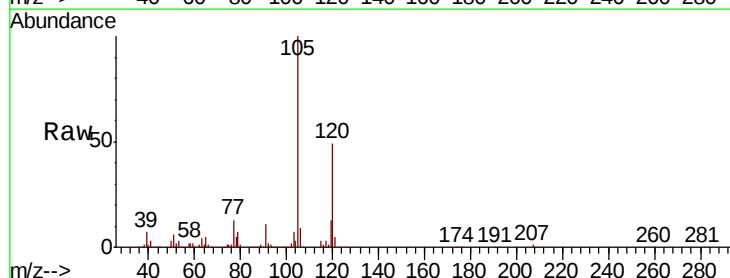
Acq: 15 Nov 2019 13:08

Tgt Ion: 105 Resp: 315968

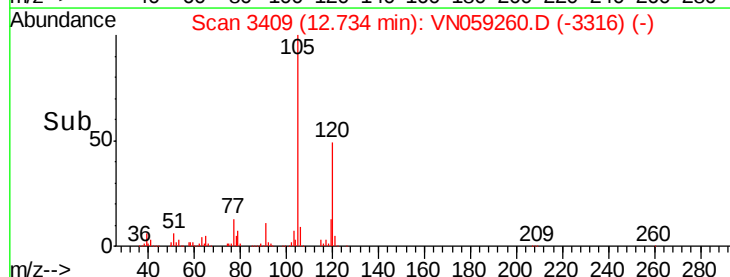
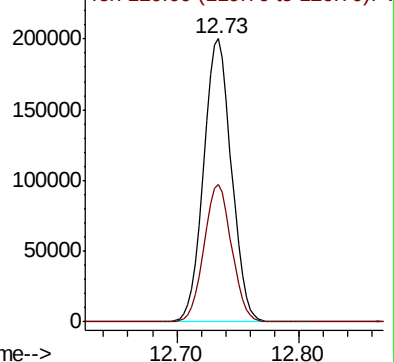
Ion Ratio Lower Upper

105 100

120 48.5 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.165 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

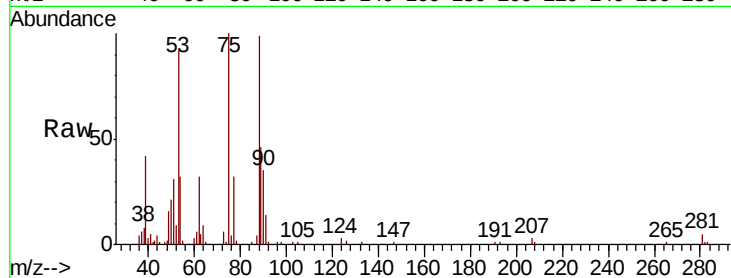
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 42854

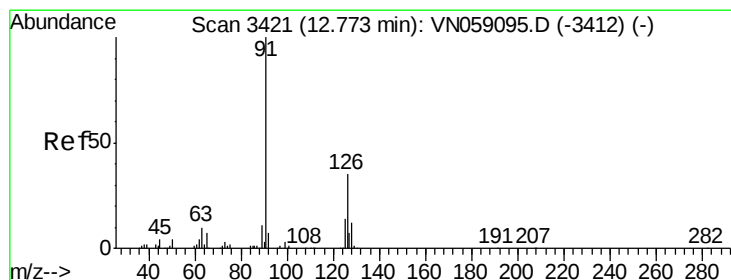
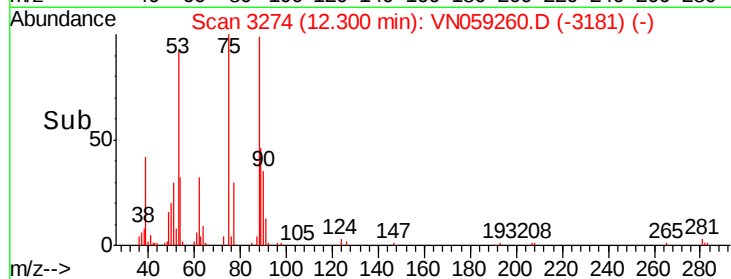
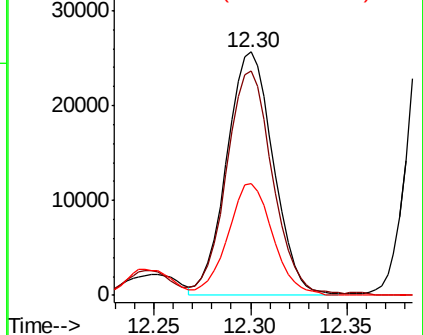
Ion	Ratio	Lower	Upper
75	100		
53	89.9	72.2	108.2
89	44.8	35.8	53.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.424 ug/l

RT: 12.77 min Scan# 3421

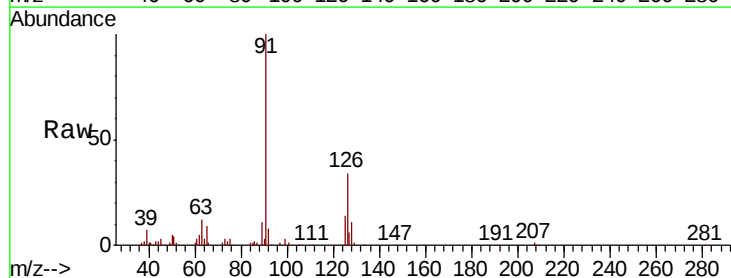
Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

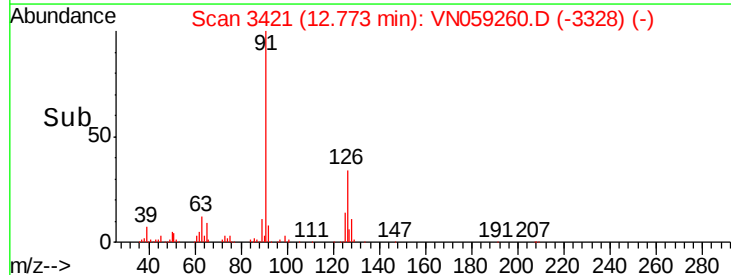
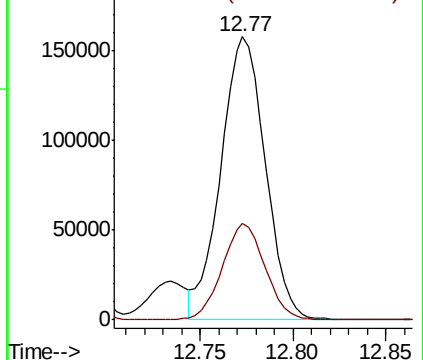
Tgt Ion: 91 Resp: 260953

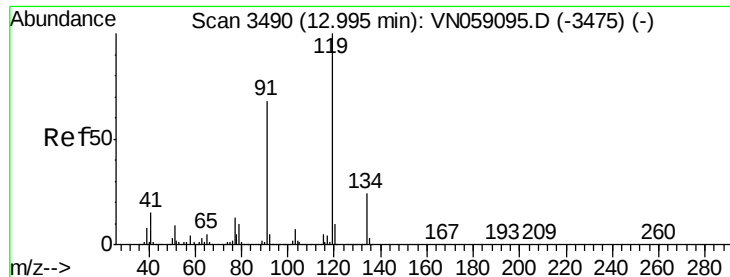
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.1	48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

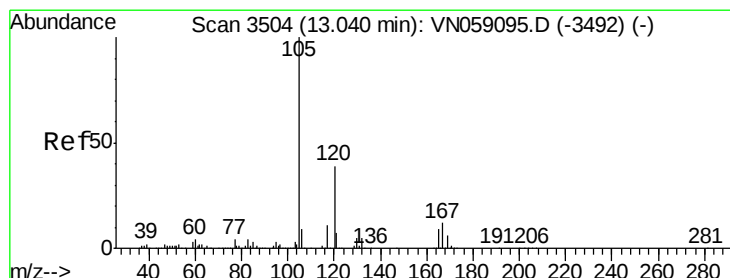
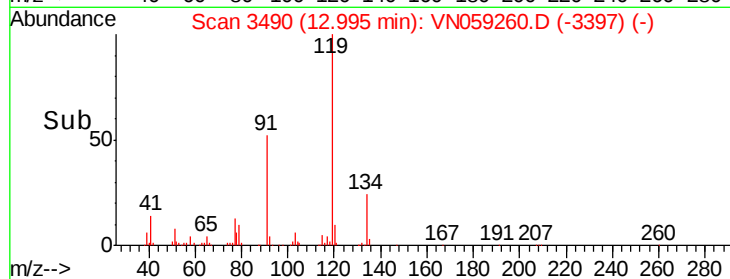
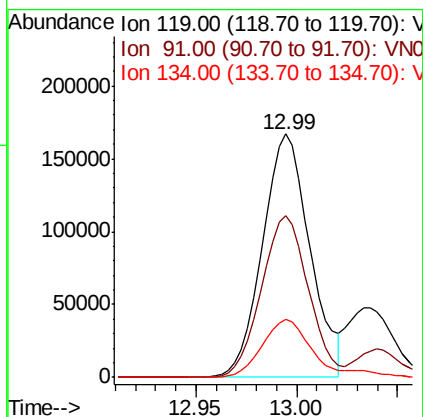
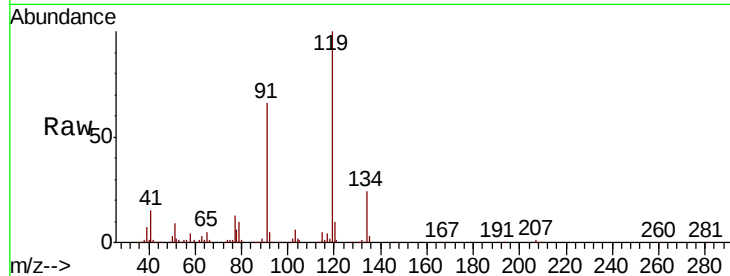




#83
tert-Butylbenzene
Concen: 20.859 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

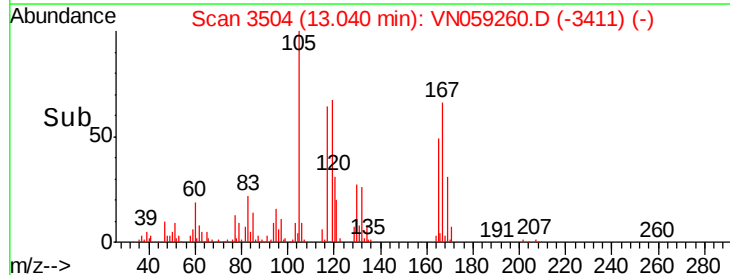
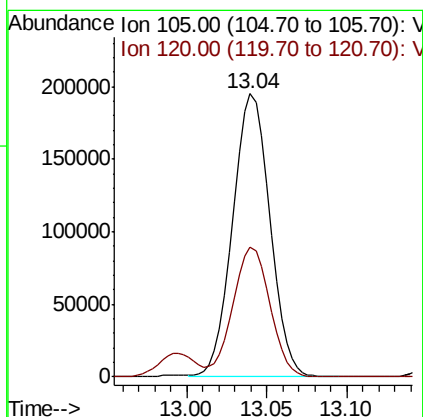
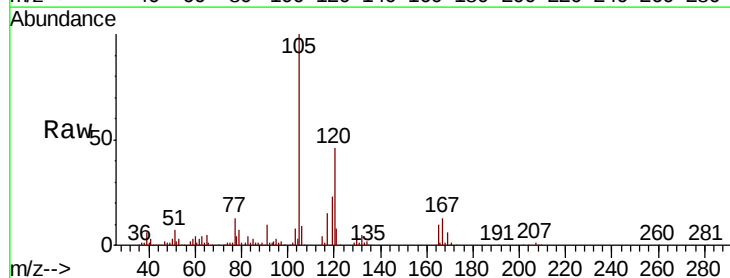
Instrument :
MSVOA_N
ClientSampled :

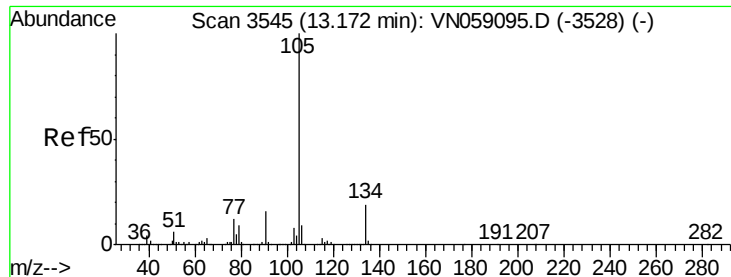
Tot Ion:119 Resp: 273749
Ion Ratio Lower Upper
119 100
91 66.0 33.2 99.6
134 25.7 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 20.966 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion:105 Resp: 308259
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 21.127 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

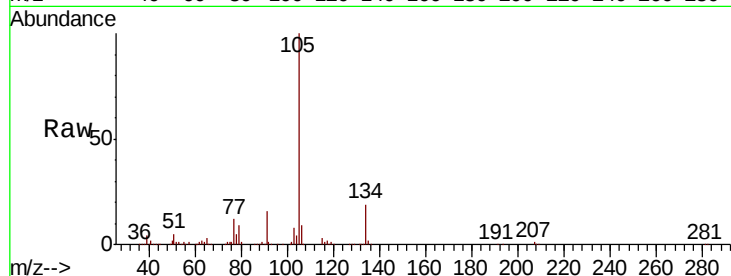
ClientSampled :

Tot Ion:105 Resp: 360593

Ion Ratio Lower Upper

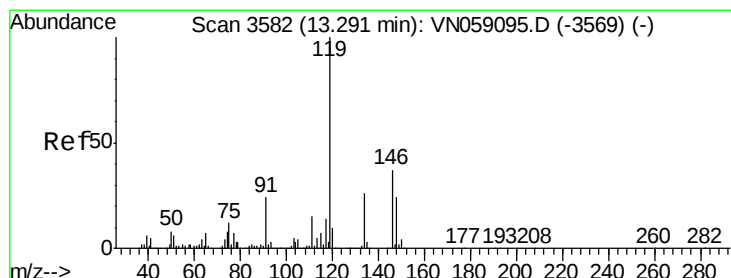
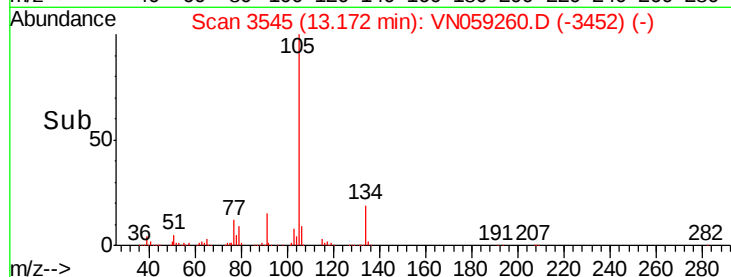
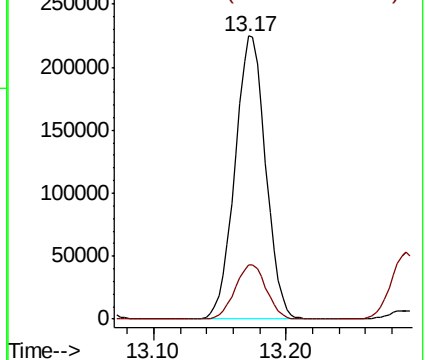
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.085 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

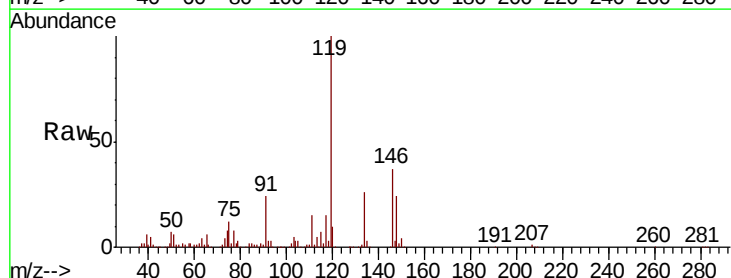
Tgt Ion:119 Resp: 317758

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

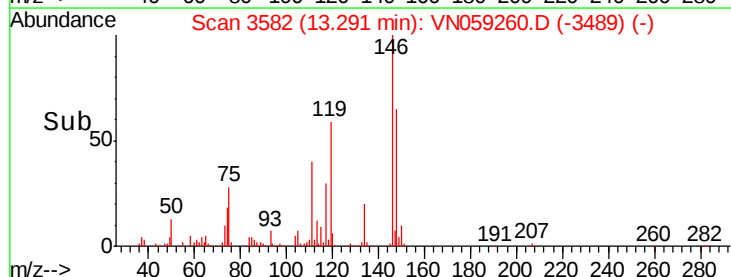
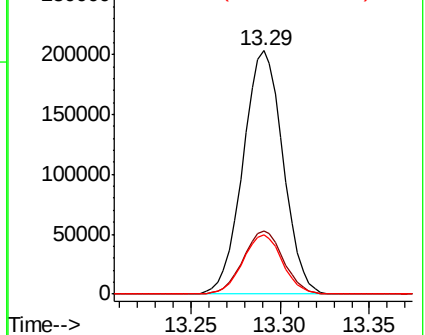
91 24.1 11.7 35.1

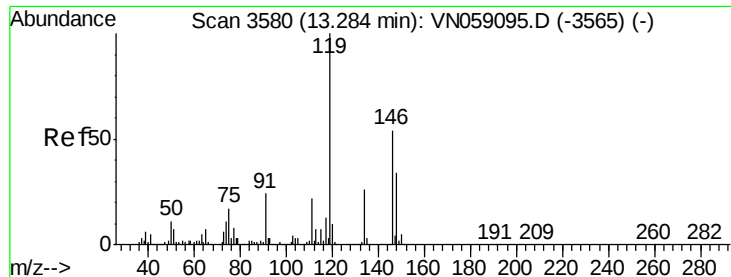


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.513 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

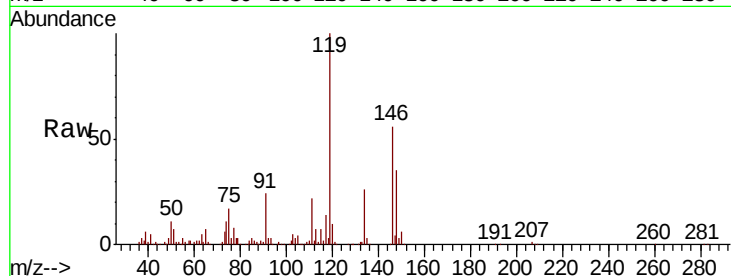
Tot Ion:146 Resp: 158274

Ion Ratio Lower Upper

146 100

111 40.2 20.4 61.3

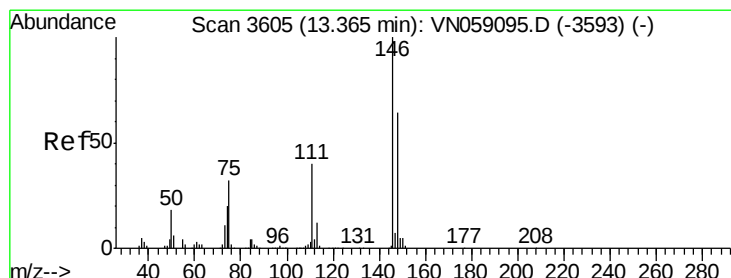
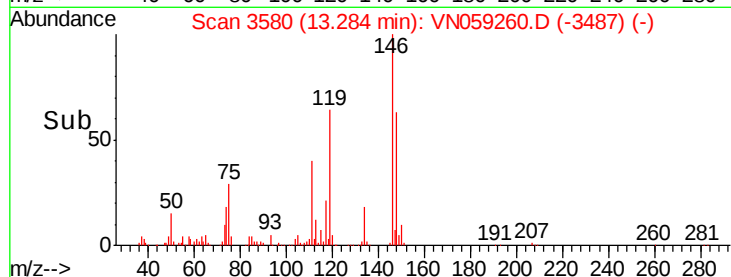
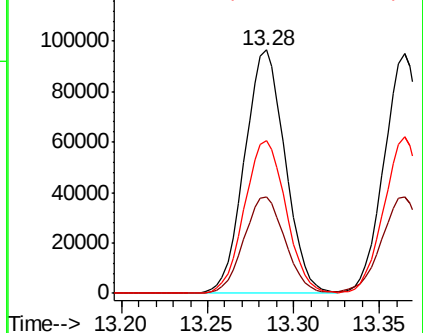
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.853 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

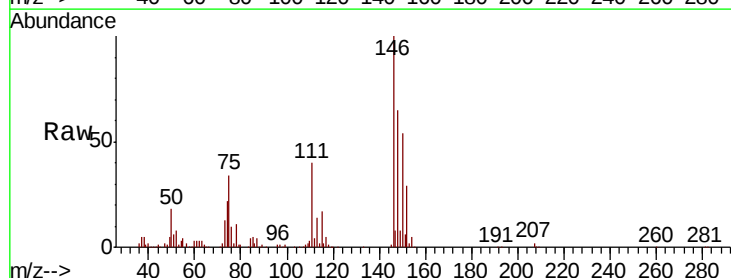
Tgt Ion:146 Resp: 153261

Ion Ratio Lower Upper

146 100

111 42.2 20.3 60.9

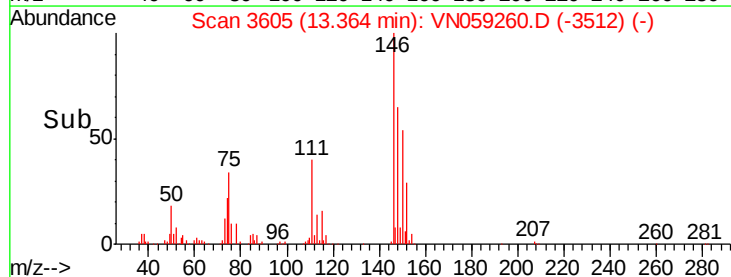
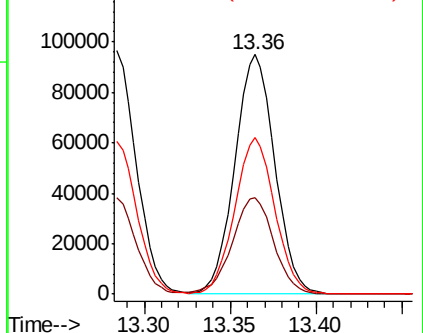
148 65.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

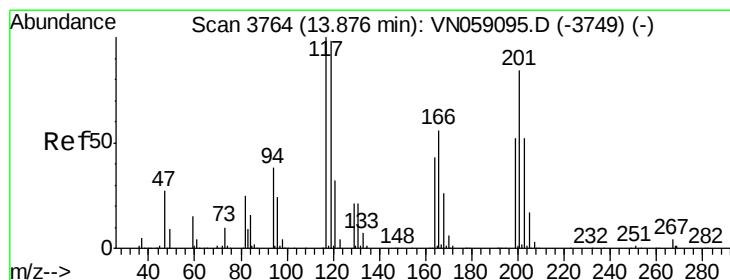
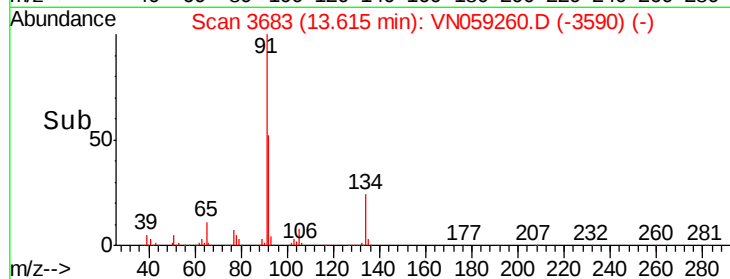
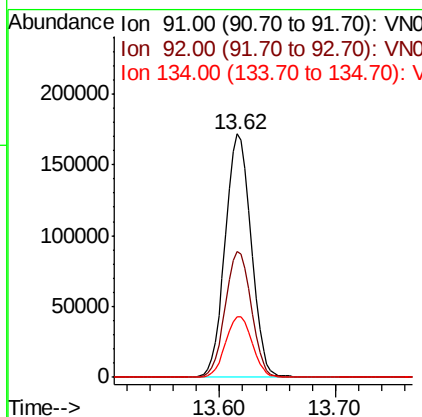
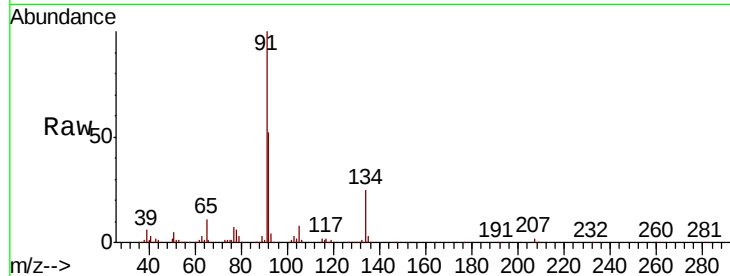




#89
n-Butylbenzene
Concen: 20.133 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

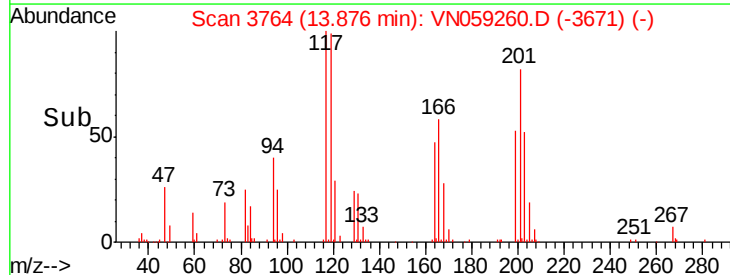
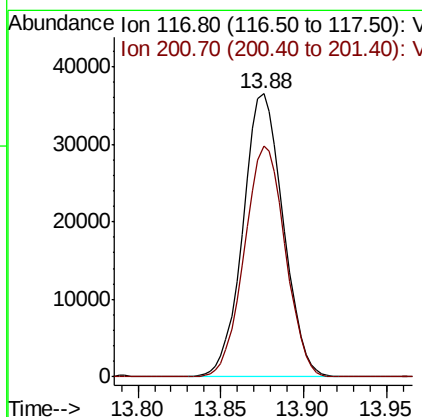
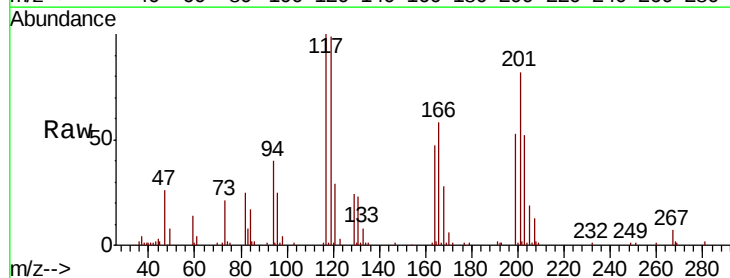
Instrument :
MSVOA_N
ClientSampled :

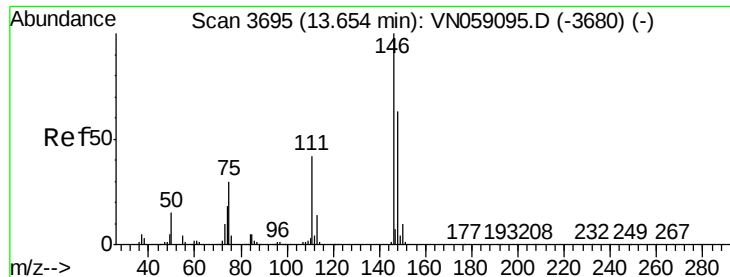
Tot Ion: 91 Resp: 265561
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.3
134 25.6 12.6 37.8



#90
Hexachloroethane
Concen: 20.352 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059260.D
Acq: 15 Nov 2019 13:08

Tgt Ion: 117 Resp: 61588
Ion Ratio Lower Upper
117 100
201 82.7 41.8 125.3

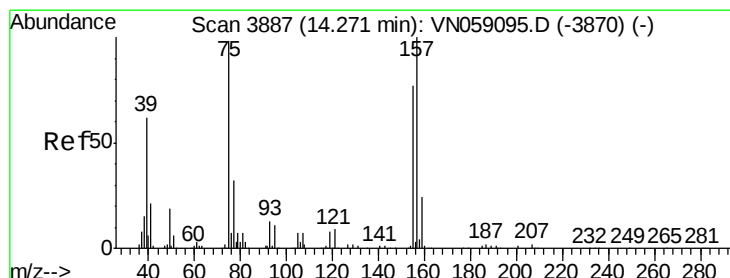
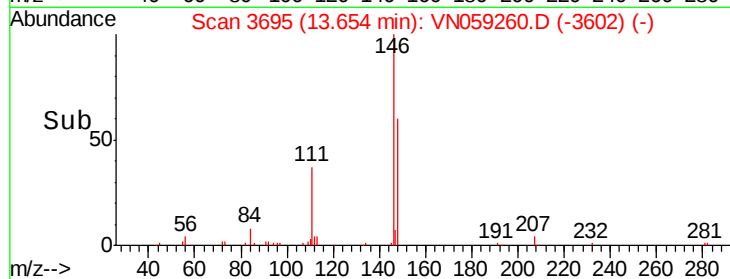
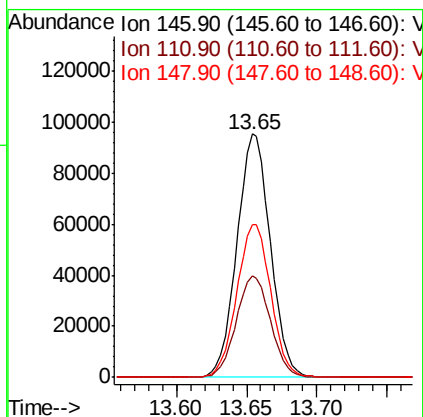
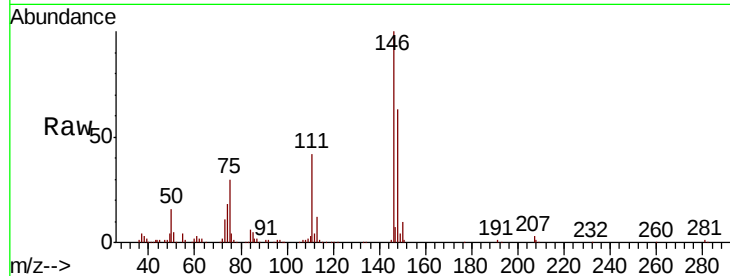




#91
 1,2-Dichlorobenzene
 Concen: 20.926 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

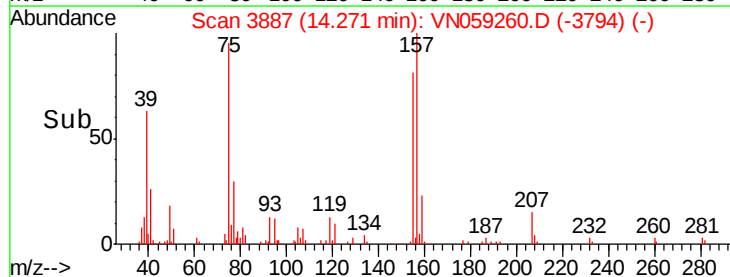
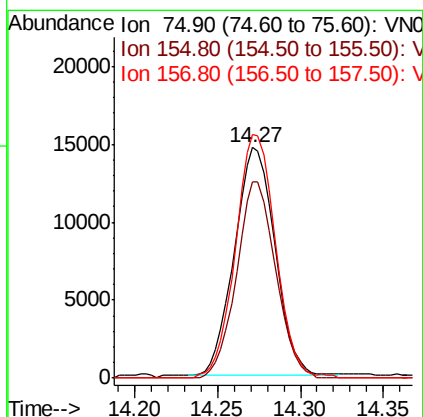
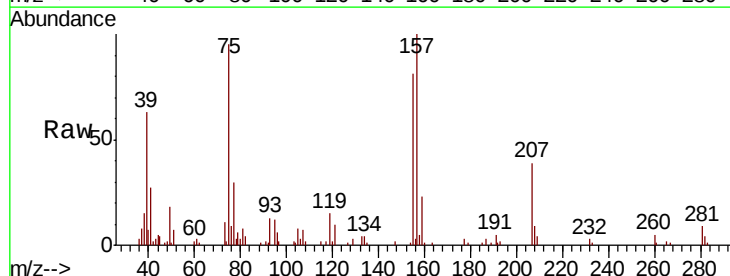
Instrument :
 MSVOA_N
 ClientSampleId :

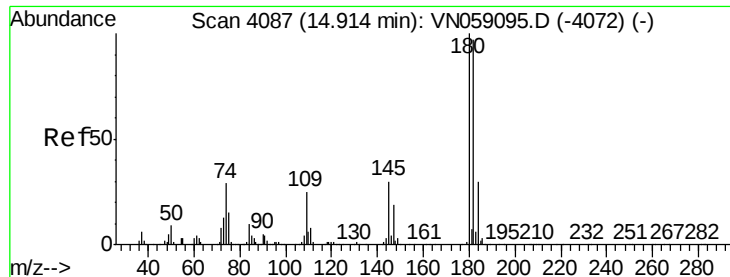
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	63.9	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.369 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	40.2	120.6
157	106.1	51.8	155.5

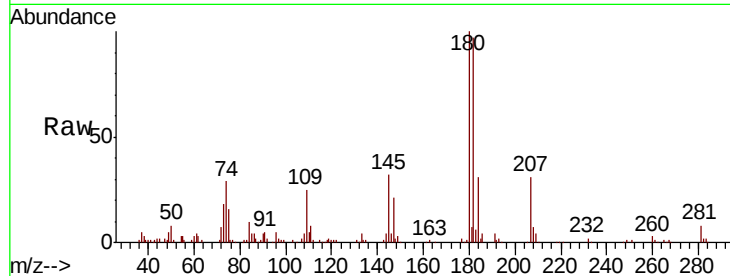




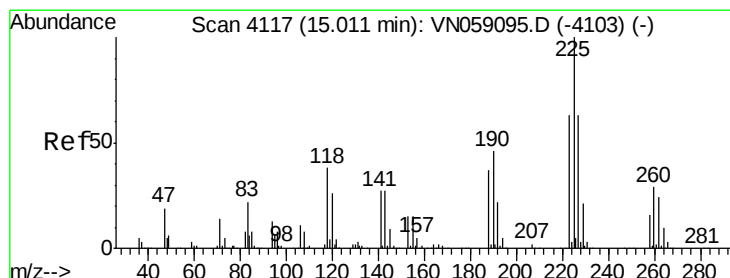
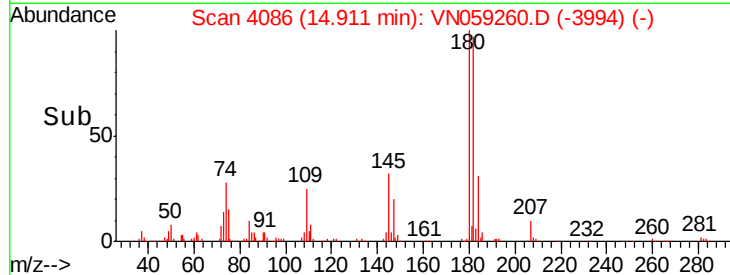
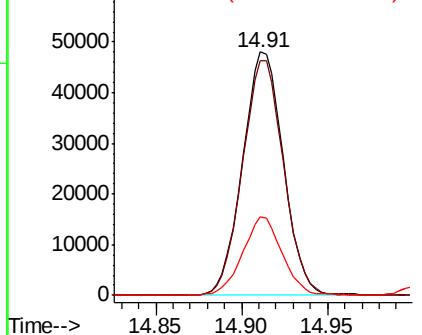
#93
 1,2,4-Trichlorobenzene
 Concen: 19.157 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.1	144.3
145	31.2	15.1	45.3

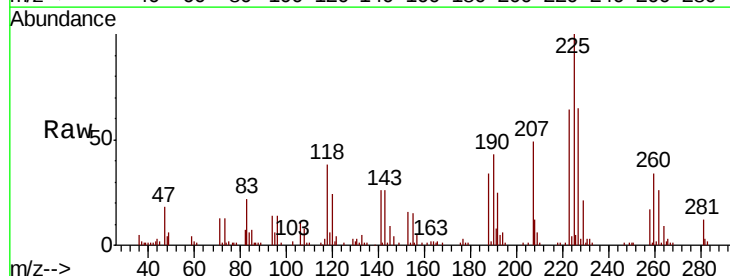


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

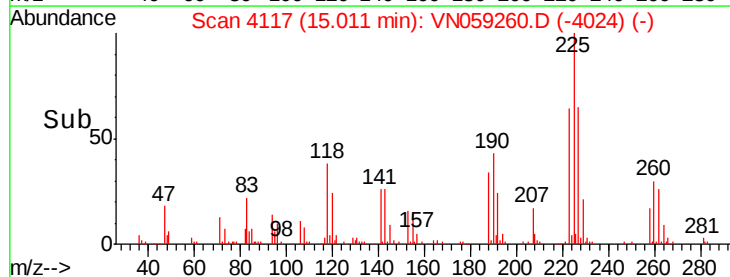
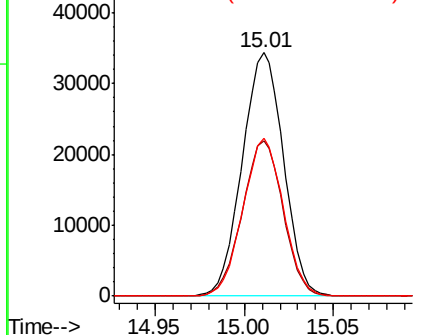


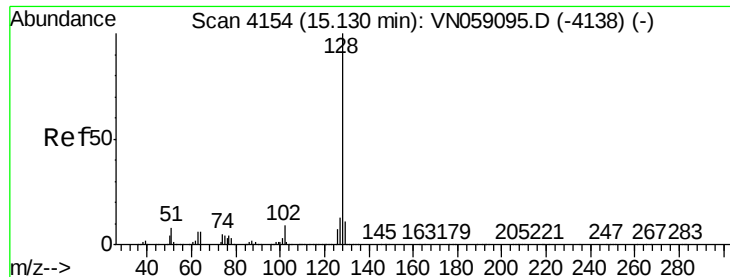
#94
 Hexachlorobutadiene
 Concen: 21.307 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059260.D
 Acq: 15 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.9
227	63.2	31.5	94.5



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





#95

Naphthalene

Concen: 18.499 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

Instrument :

MSVOA_N

ClientSampled :

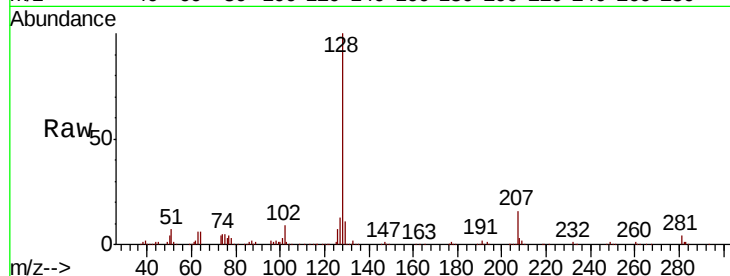
Tot Ion:128 Resp: 210256

Ion Ratio Lower Upper

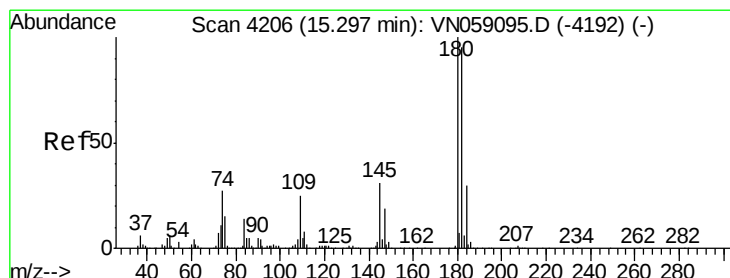
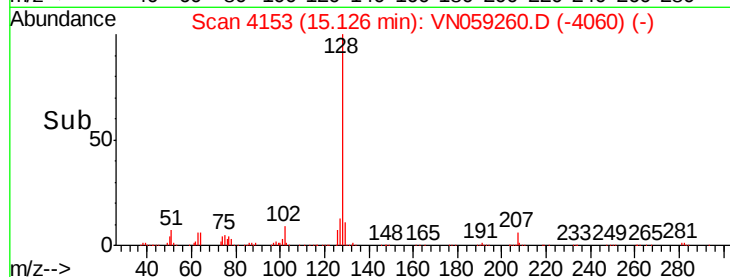
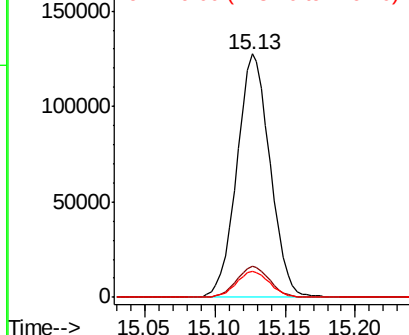
128 100

127 12.7 10.2 15.2

129 10.8 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 19.481 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059260.D

Acq: 15 Nov 2019 13:08

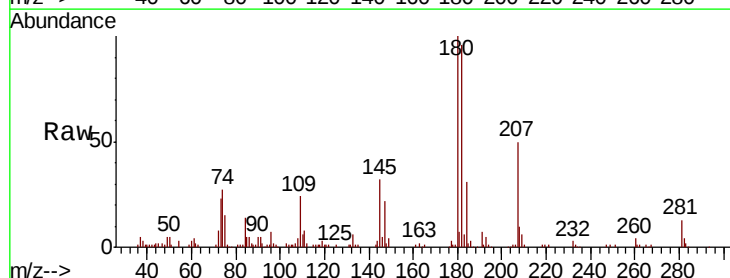
Tgt Ion:180 Resp: 82865

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 31.9 15.8 47.3



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

