

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056944.D
 Acq On : 26 Jul 2019 15:57
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

Quant Time: Jul 27 00:53:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:47:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	636989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	928088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	821634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	359332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	304426	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	7.58	113	286287	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	10.08	98	1081419	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.40	95	359143	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	328006	50.936	ug/l	96
3) Chloromethane	2.05	50	390868	50.689	ug/l	100
4) Vinyl Chloride	2.18	62	344191	47.603	ug/l	100
5) Bromomethane	2.54	94	202781	45.112	ug/l	100
6) Chloroethane	2.69	64	184828	46.372	ug/l	100
7) Trichlorofluoromethane	3.00	101	459388	48.536	ug/l	100
8) Diethyl Ether	3.40	74	176940	49.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	283259	48.271	ug/l	99
10) Methyl Iodide	3.94	142	296610	37.828	ug/l	99
11) Tert butyl alcohol	4.77	59	221252	251.035	ug/l	97
12) 1,1-Dichloroethene	3.72	96	275521	49.208	ug/l	99
13) Acrolein	3.59	56	95364	210.532	ug/l	97
14) Allyl chloride	4.31	41	445894	48.957	ug/l	99
15) Acrylonitrile	4.97	53	653603	252.880	ug/l	98
16) Acetone	3.80	43	601667	254.703	ug/l	99
17) Carbon Disulfide	4.04	76	698530	46.950	ug/l	100
18) Methyl Acetate	4.31	43	357413	47.429	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	835600	50.051	ug/l	99
20) Methylene Chloride	4.54	84	302149	44.404	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	288028	48.437	ug/l	98
22) Diisopropyl ether	5.93	45	913318	48.670	ug/l	98
23) Vinyl Acetate	5.88	43	3335495	256.538	ug/l	99
24) 1,1-Dichloroethane	5.83	63	529446	47.819	ug/l	99
25) 2-Butanone	6.82	43	855540	255.413	ug/l	98
26) 2,2-Dichloropropane	6.81	77	412929	49.049	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	335659	47.725	ug/l	99
28) Bromochloromethane	7.18	49	246136	47.295	ug/l	99
29) Tetrahydrofuran	7.19	42	554717	253.822	ug/l	99
30) Chloroform	7.36	83	519234	45.867	ug/l	99
31) Cyclohexane	7.64	56	500436	46.708	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	437869	48.478	ug/l	98
36) 1,1-Dichloropropene	7.78	75	401306	49.140	ug/l	100
37) Ethyl Acetate	6.91	43	341759	52.251	ug/l	99
38) Carbon Tetrachloride	7.76	117	381886	49.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	517348	49.566	ug/l	99
40) Benzene	8.03	78	1206733	47.975	ug/l	99
41) Methacrylonitrile	7.16	41	160426	53.056	ug/l	90
42) 1,2-Dichloroethane	8.11	62	374714	47.533	ug/l	99
43) Isopropyl Acetate	8.15	43	545344	50.445	ug/l	99
44) Trichloroethene	8.82	130	335744	48.450	ug/l	100
45) 1,2-Dichloropropane	9.11	63	325179	48.333	ug/l	100
46) Dibromomethane	9.20	93	199663	49.210	ug/l	99
47) Bromodichloromethane	9.39	83	392490	49.201	ug/l	98
48) Methyl methacrylate	9.19	41	264996	50.772	ug/l	99
49) 1,4-Dioxane	9.19	88	110704	1029.237	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1647985	256.565	ug/l	100
52) Toluene	10.15	92	738265	48.852	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	423665	51.179	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	492658	51.185	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	294362	48.570	ug/l	98
56) Ethyl methacrylate	10.42	69	425934	46.659	ug/l	100
57) 1,3-Dichloropropane	10.70	76	487269	48.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	912175	251.166	ug/l	99
59) 2-Hexanone	10.74	43	1177508	238.167	ug/l	99
60) Dibromochloromethane	10.89	129	314152	50.595	ug/l	98
61) 1,2-Dibromoethane	11.00	107	302113	51.081	ug/l	99
64) Tetrachloroethene	10.62	164	316829	44.747	ug/l	98
65) Chlorobenzene	11.43	112	800653	47.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	305337	48.444	ug/l	99
67) Ethyl Benzene	11.50	91	1414063	48.858	ug/l	99
68) m/p-Xylenes	11.61	106	1060922	99.325	ug/l	98
69) o-Xylene	11.94	106	508176	48.629	ug/l	100
70) Styrene	11.96	104	857975	46.583	ug/l	99
71) Bromoform	12.12	173	223838	50.866	ug/l #	99
73) Isopropylbenzene	12.24	105	1370852	44.143	ug/l	100
74) N-amyl acetate	12.06	43	432663	47.982	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	390102	49.682	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	468758	64.236	ug/l #	100
77) Bromobenzene	12.52	156	354996	43.799	ug/l	100
78) n-propylbenzene	12.58	91	1521590	45.888	ug/l	99
79) 2-Chlorotoluene	12.67	91	898443	44.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1156528	45.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	113063	49.780	ug/l	100
82) 4-Chlorotoluene	12.77	91	878972	46.002	ug/l	100
83) tert-Butylbenzene	12.99	119	1000040	44.322	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	1138145	46.408	ug/l	99
85) sec-Butylbenzene	13.17	105	1318666	45.310	ug/l	100
86) p-Isopropyltoluene	13.28	119	1195537	46.269	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	581494	47.165	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	563129	47.446	ug/l	99
89) n-Butylbenzene	13.61	91	969804	48.700	ug/l	99
90) Hexachloroethane	13.87	117	202256	45.459	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	573922	47.298	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	61717	49.967	ug/l	97

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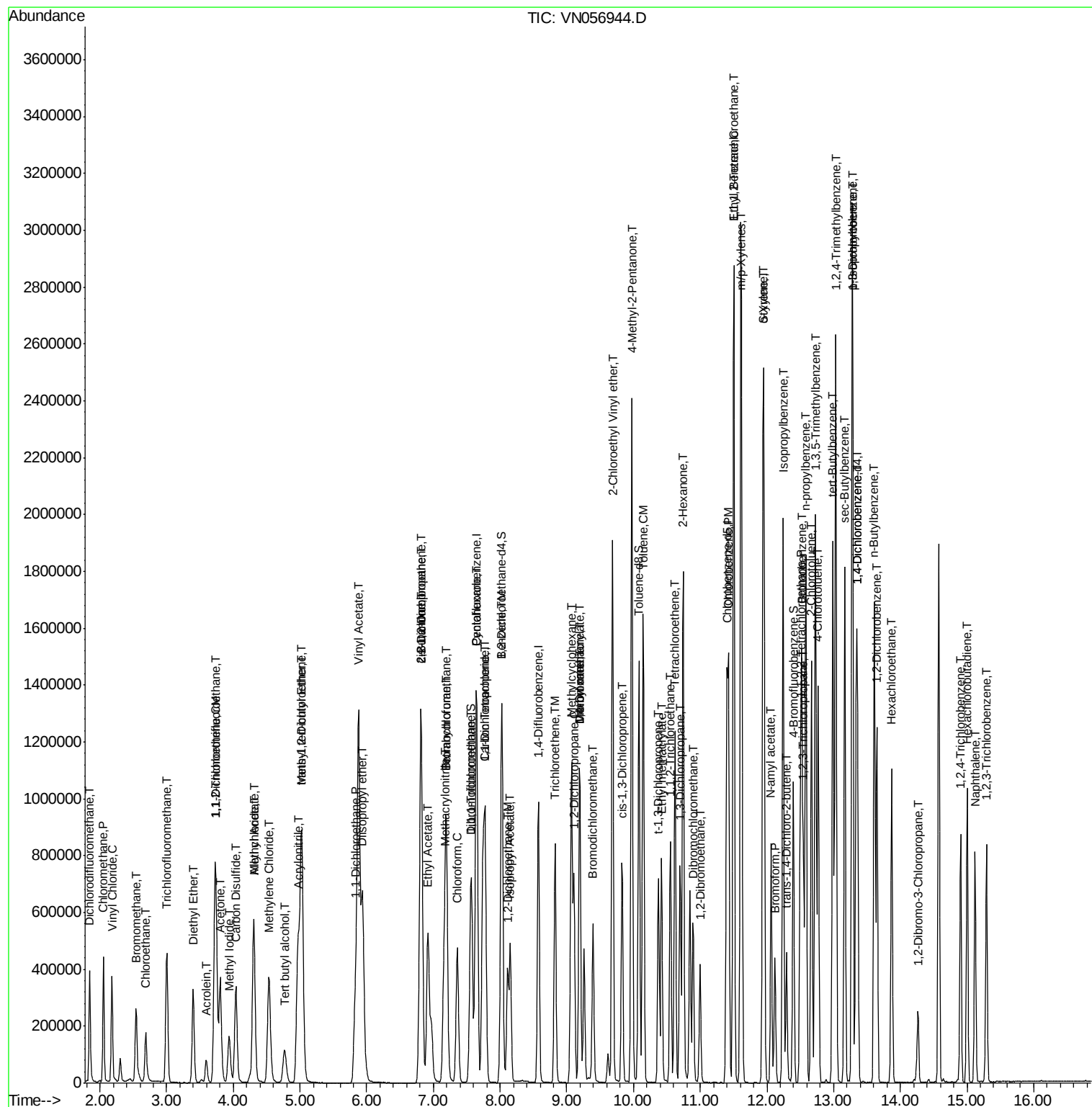
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	304724	48.752	ug/l	100
94) Hexachlorobutadiene	15.00	225	225098	53.328	ug/l	99
95) Naphthalene	15.12	128	697207	45.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	301896	47.819	ug/l	99

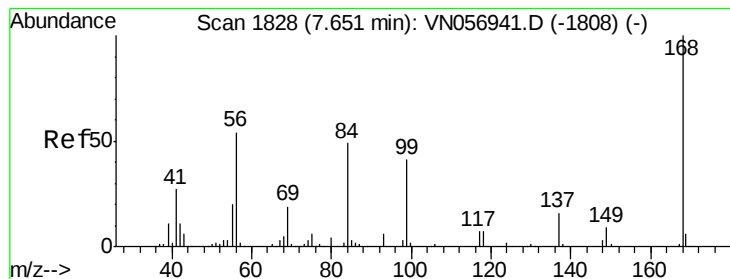
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

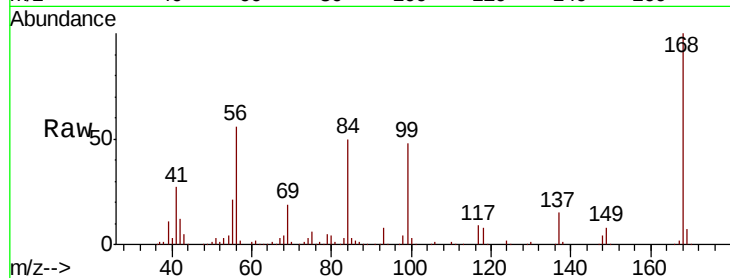
ICVVN072719

Tot Ion:168 Resp: 636989

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

300000

250000

200000

150000

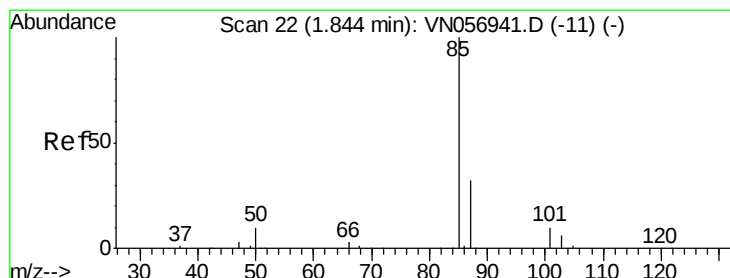
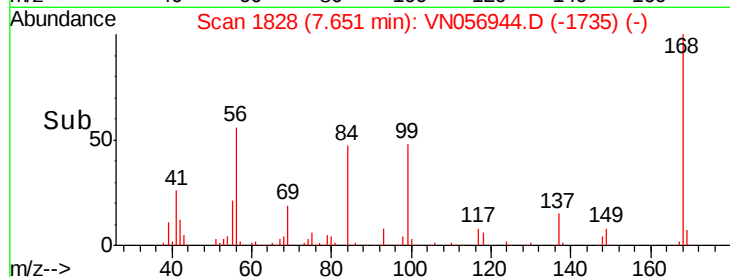
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 50.936 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN056944.D

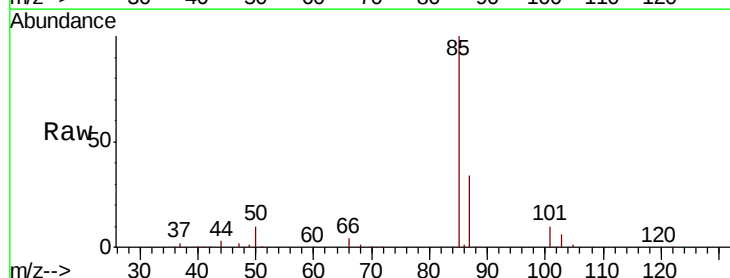
Acq: 26 Jul 2019 15:57

Tgt Ion: 85 Resp: 328006

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

250000

200000

150000

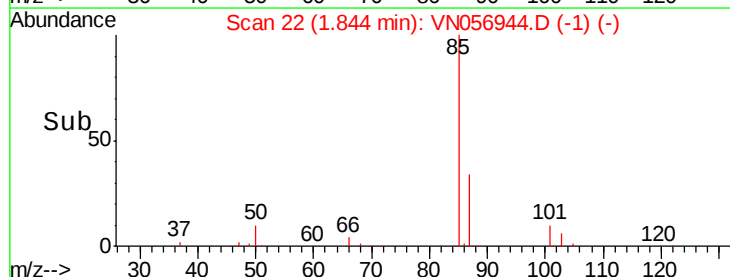
100000

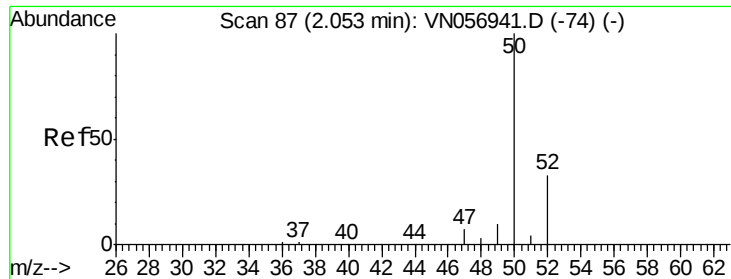
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.689 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

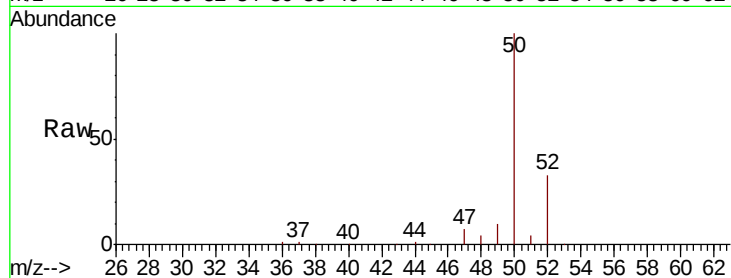
ICVVN072719

Tot Ion: 50 Resp: 390868

Ion Ratio Lower Upper

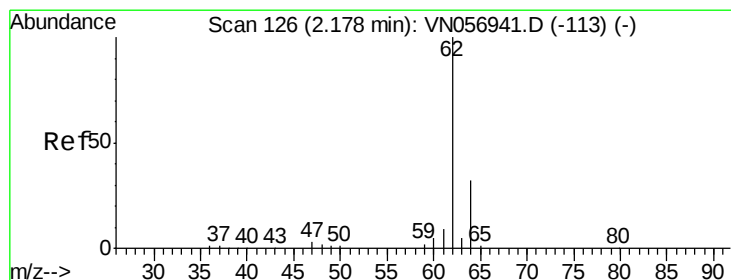
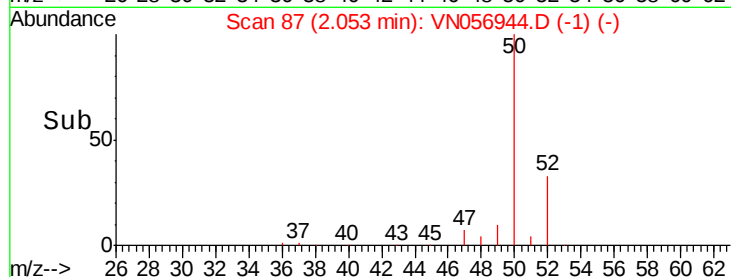
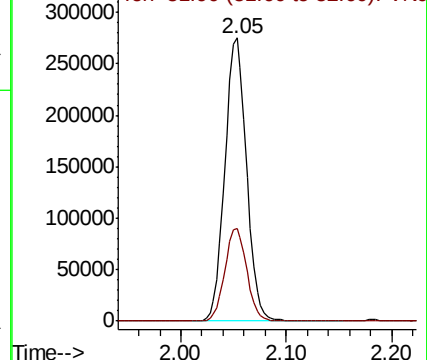
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.603 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN056944.D

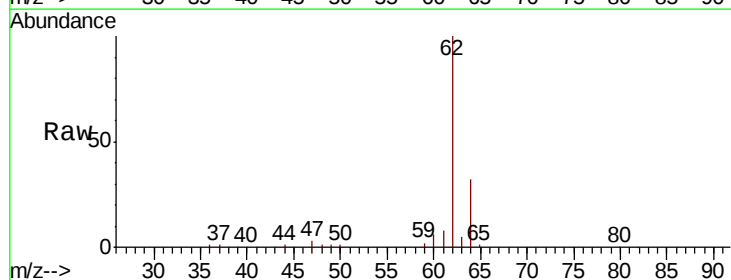
Acq: 26 Jul 2019 15:57

Tgt Ion: 62 Resp: 344191

Ion Ratio Lower Upper

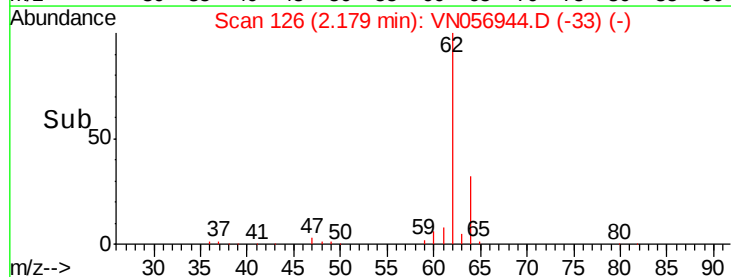
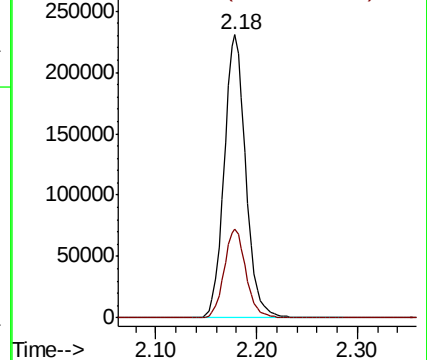
62 100

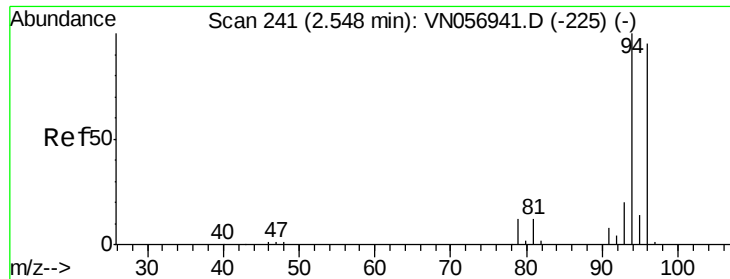
64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

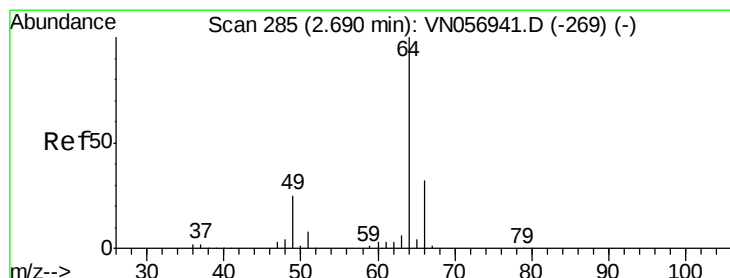
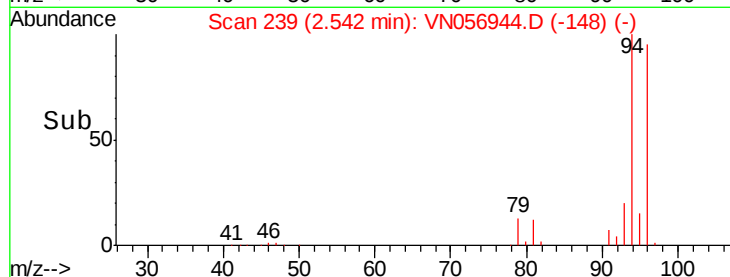
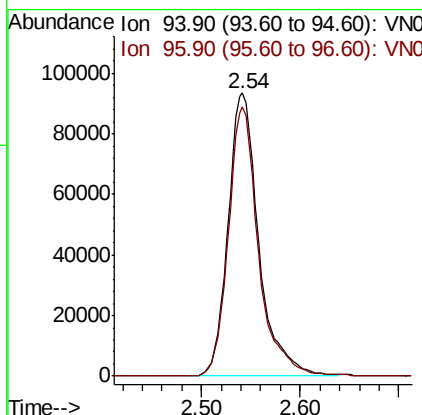
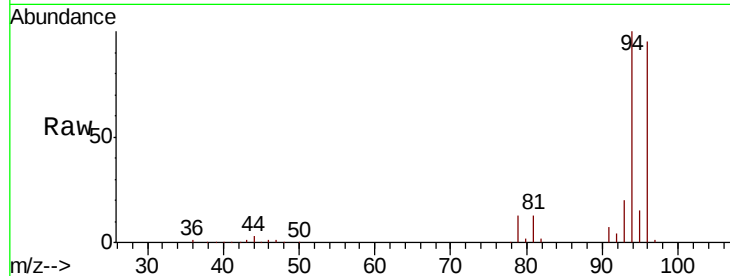




#5
Bromomethane
Concen: 45.112 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

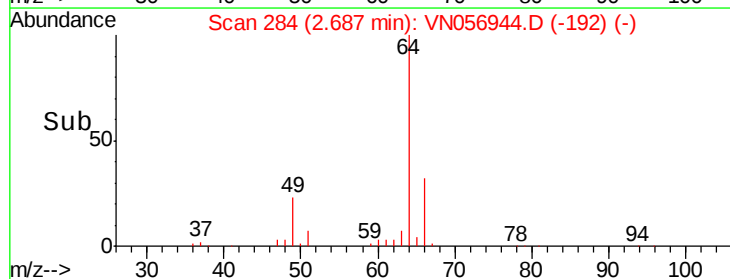
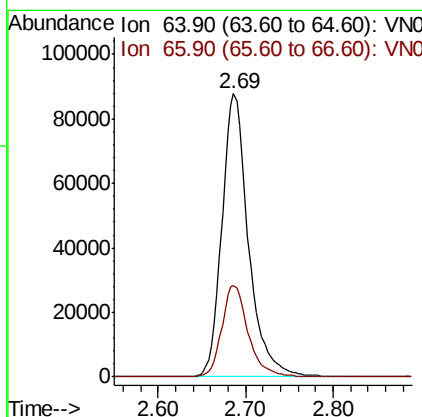
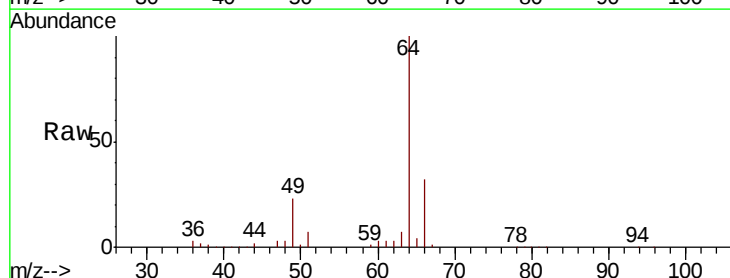
Instrument :
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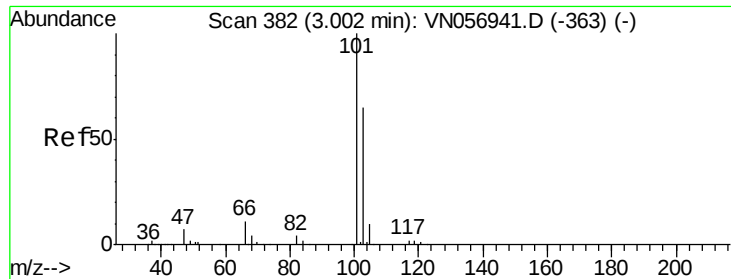
Tot Ion: 94 Resp: 202781
Ion Ratio Lower Upper
94 100
96 95.3 76.2 114.2



#6
Chloroethane
Concen: 46.372 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 64 Resp: 184828
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8



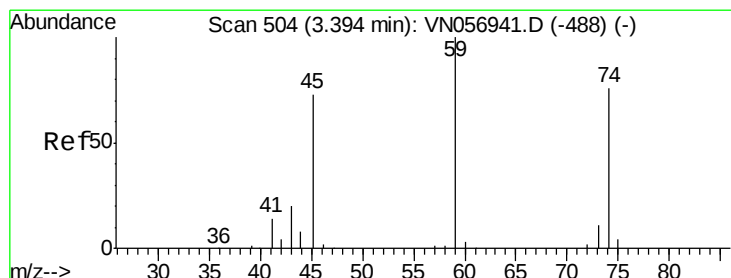
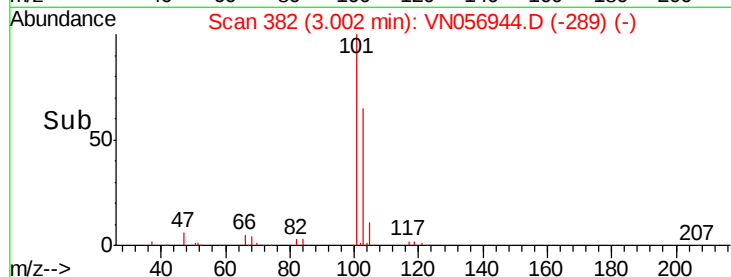
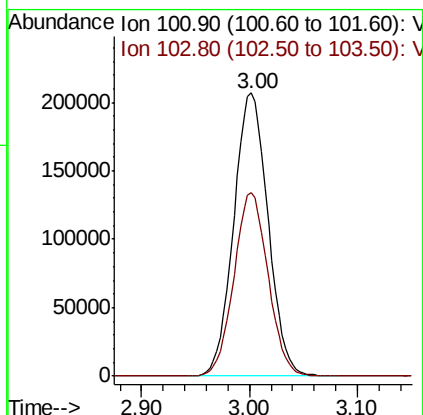
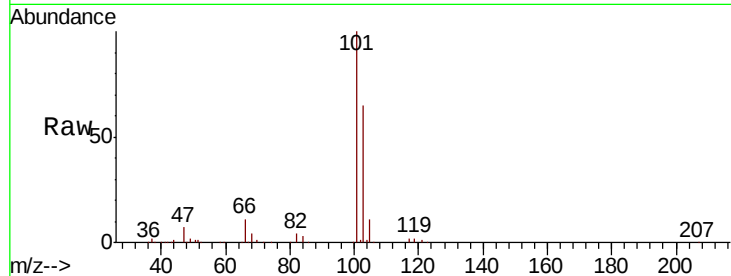


#7

Trichlorofluoromethane
Concen: 48.536 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056944.D
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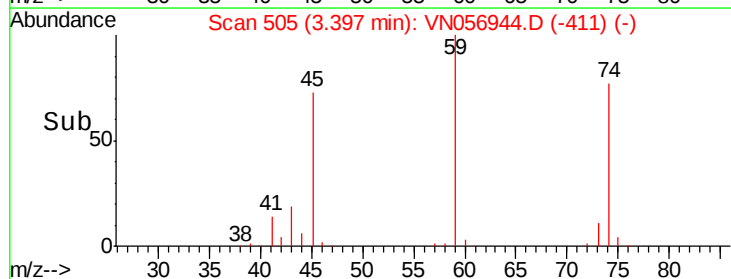
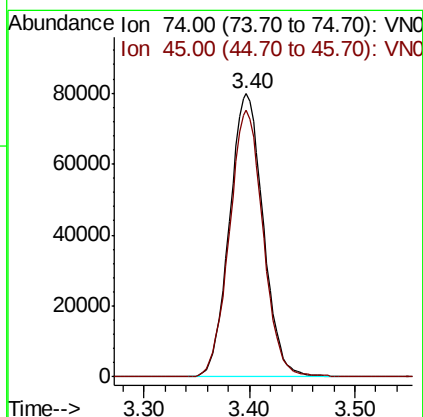
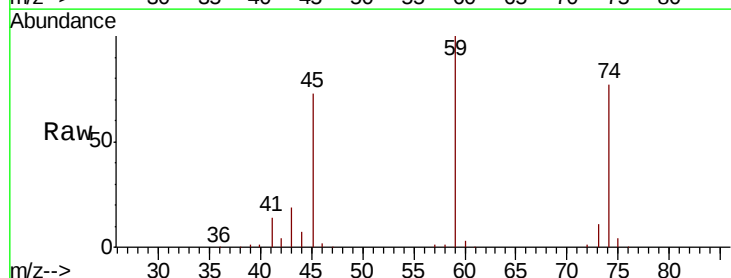
Tot Ion:101 Resp: 459388
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

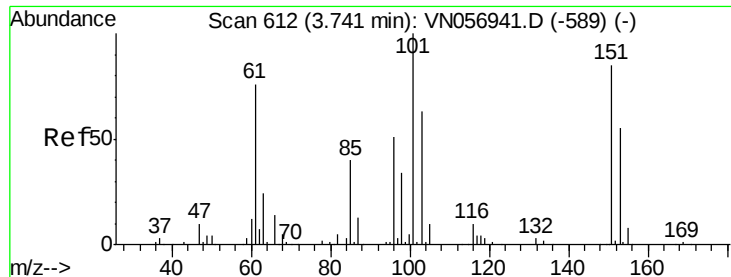


#8

Diethyl Ether
Concen: 49.951 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 74 Resp: 176940
Ion Ratio Lower Upper
74 100
45 94.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.271 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN056944.D

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ClientSampleId :

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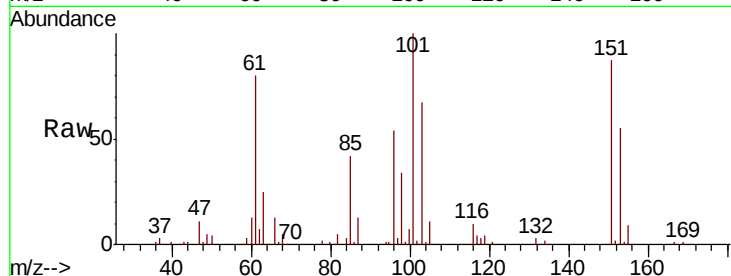
Tot Ion:101 Resp: 283259

Ion Ratio Lower Upper

101 100

85 41.1 32.3 48.5

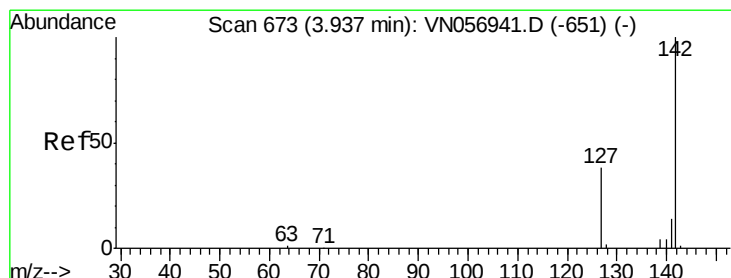
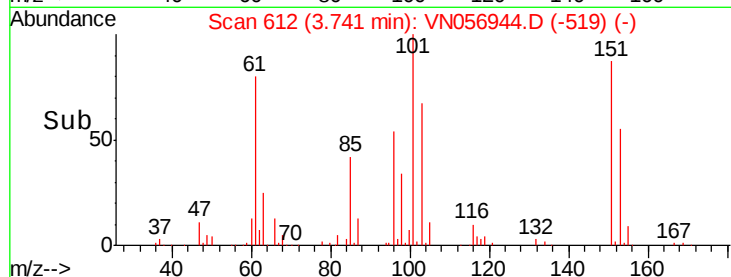
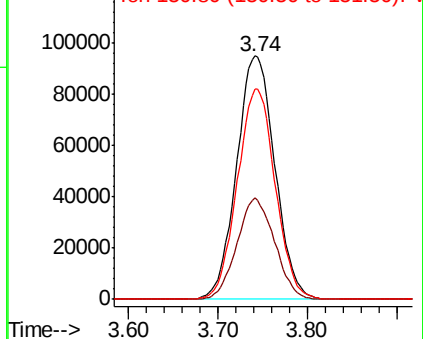
151 85.8 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.828 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

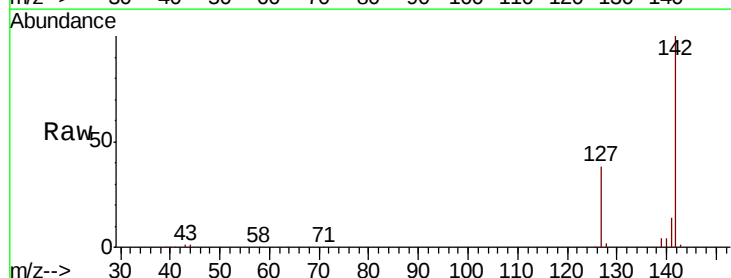
Tgt Ion:142 Resp: 296610

Ion Ratio Lower Upper

142 100

127 37.4 30.4 45.6

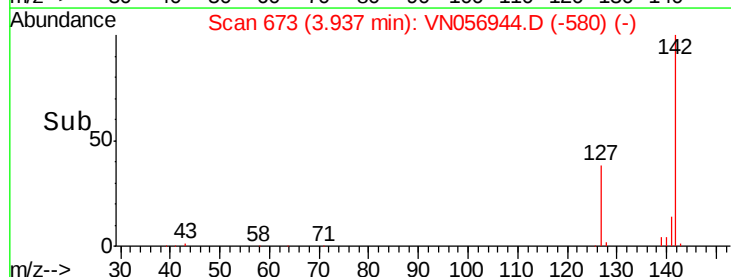
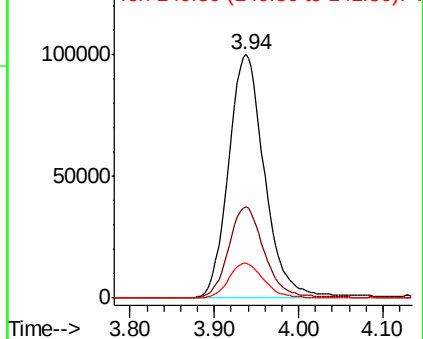
141 14.1 11.1 16.7

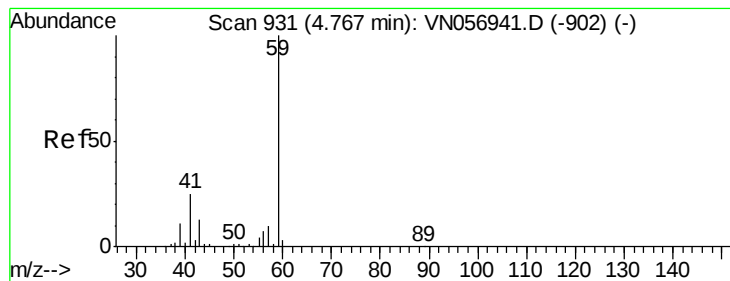


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



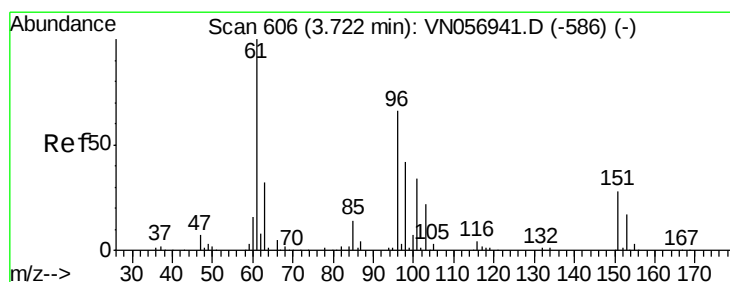
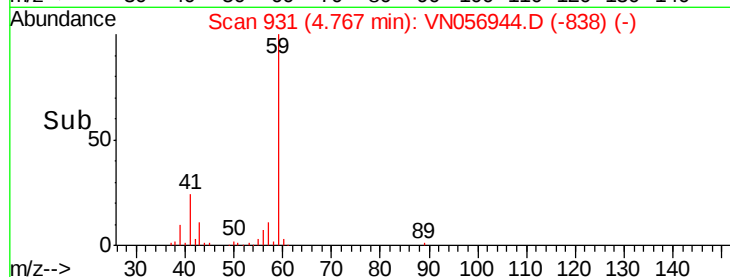
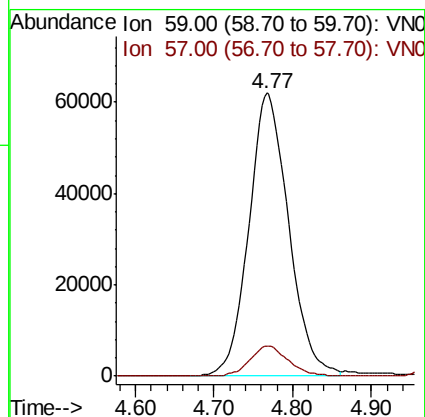
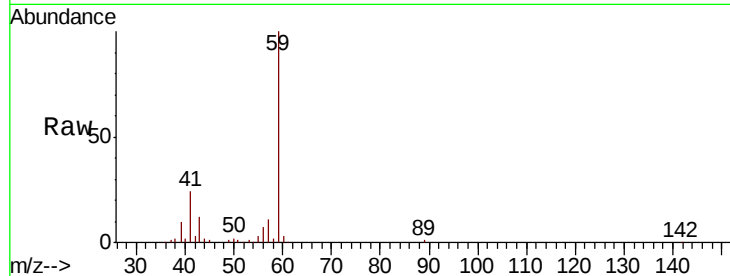


#11

Tert butyl alcohol
 Concen: 251.035 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

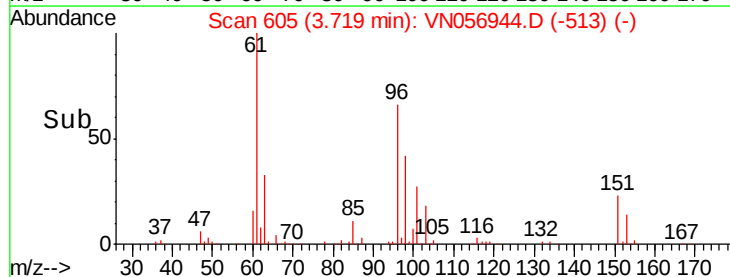
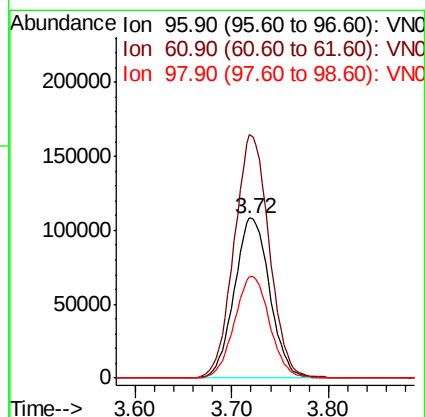
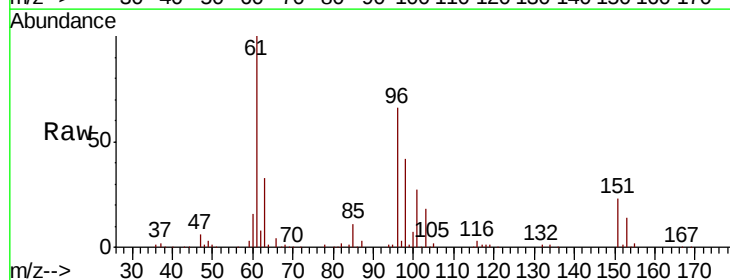
Tot Ion: 59 Resp: 221252
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.5 11.3

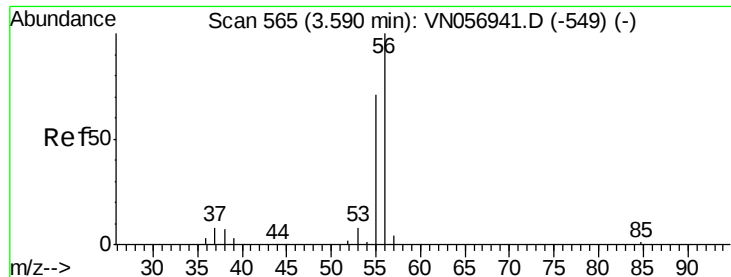


#12

1,1-Dichloroethene
 Concen: 49.208 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 96 Resp: 275521
 Ion Ratio Lower Upper
 96 100
 61 151.8 121.8 182.8
 98 63.4 51.7 77.5





#13

Acrolein

Concen: 210.532 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

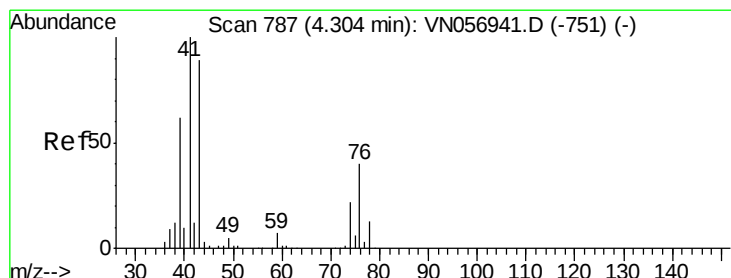
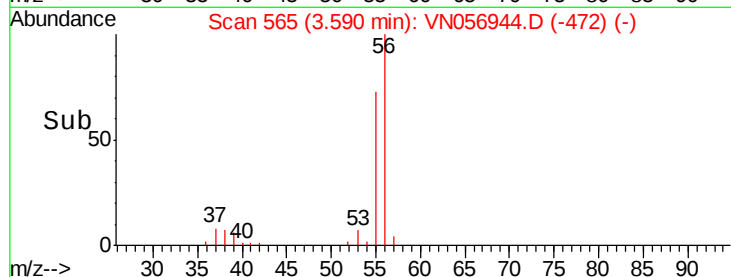
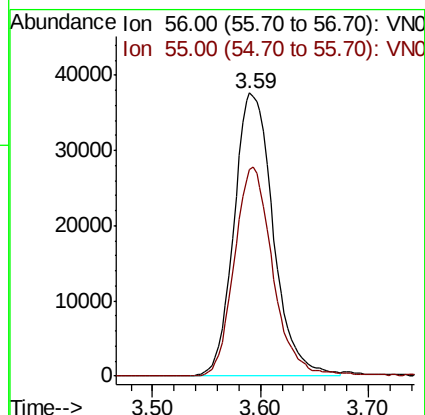
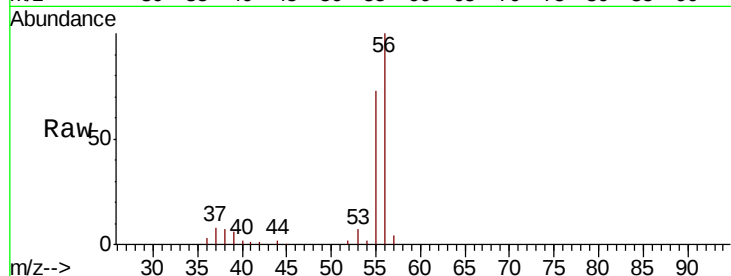
ICVVN072719

Tot Ion: 56 Resp: 95364

Ion Ratio Lower Upper

56 100

55 72.3 55.8 83.6



#14

Allyl chloride

Concen: 48.957 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

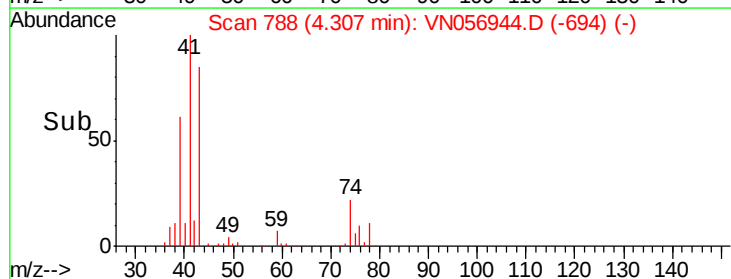
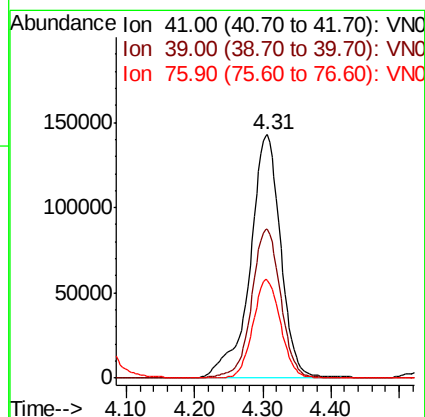
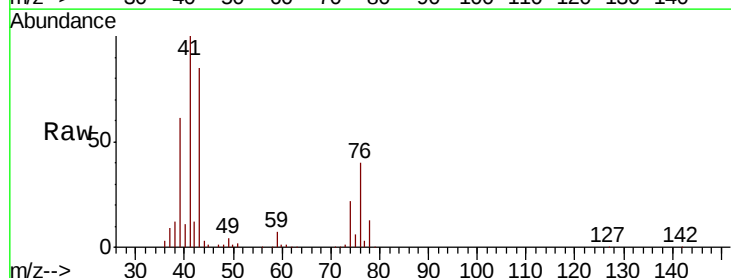
Tgt Ion: 41 Resp: 445894

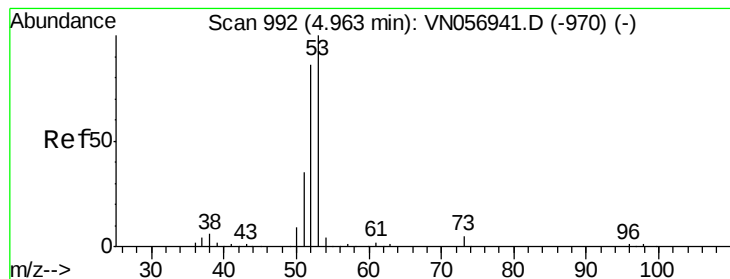
Ion Ratio Lower Upper

41 100

39 58.2 46.4 69.6

76 36.1 28.4 42.6





#15

Acrylonitrile

Concen: 252.880 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

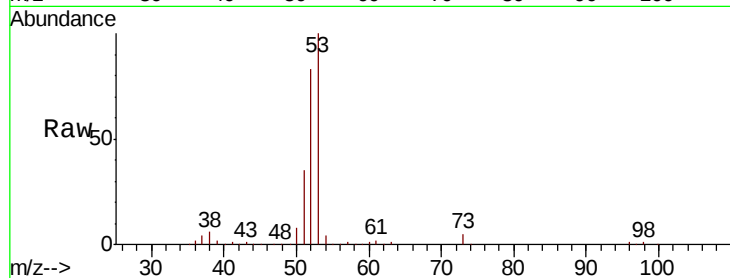
Tot Ion: 53 Resp: 653603

Ion Ratio Lower Upper

53 100

52 81.5 66.5 99.7

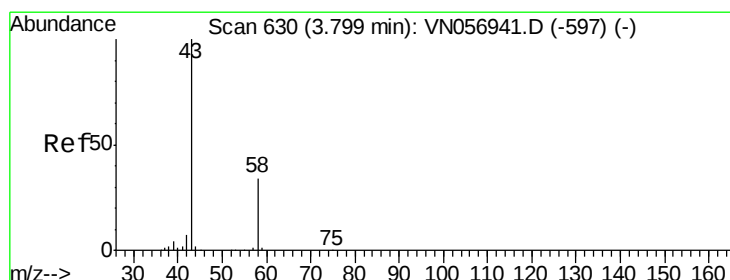
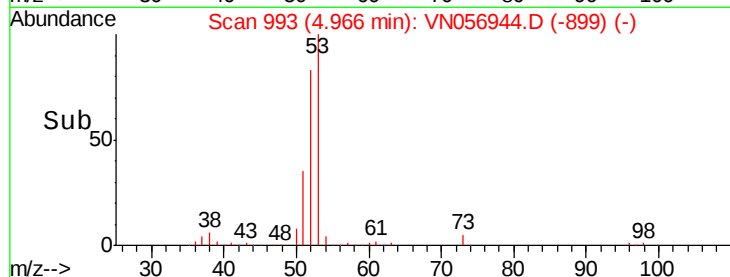
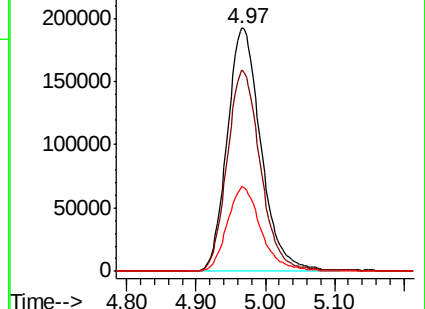
51 34.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 254.703 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN056944.D

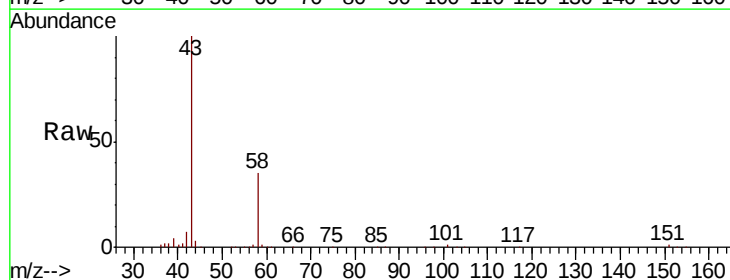
Acq: 26 Jul 2019 15:57

Tgt Ion: 43 Resp: 601667

Ion Ratio Lower Upper

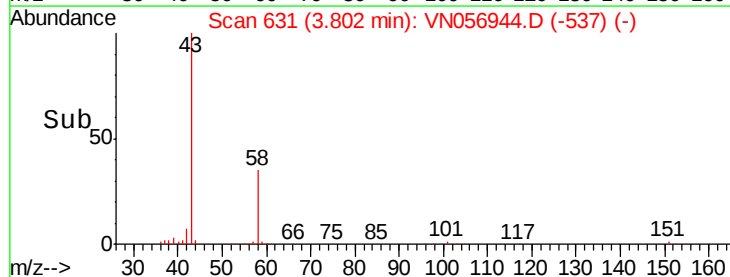
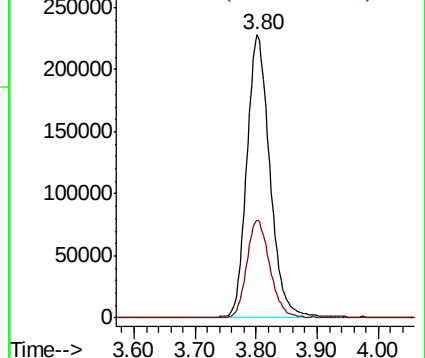
43 100

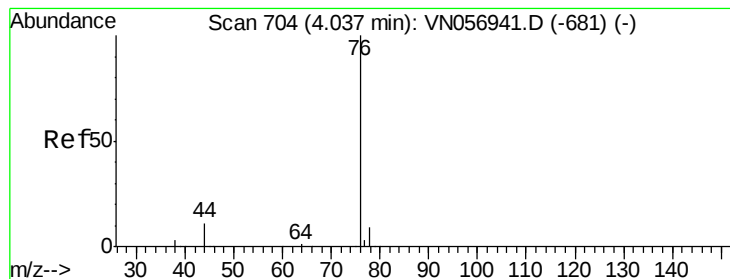
58 34.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 46.950 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

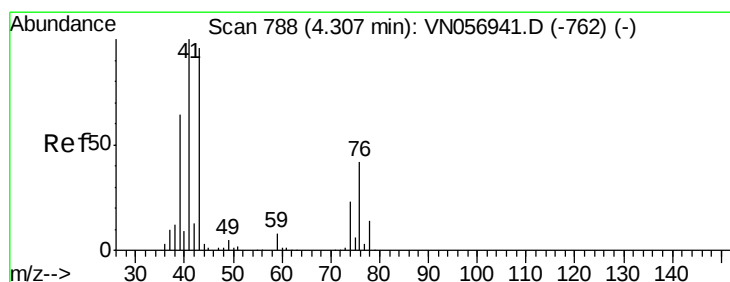
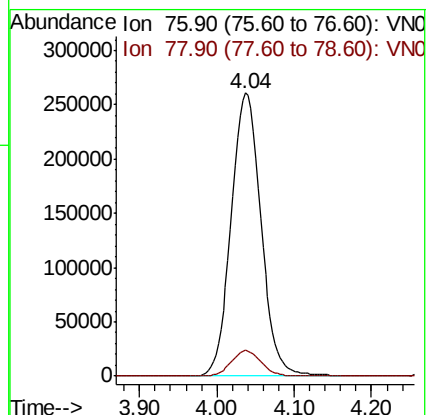
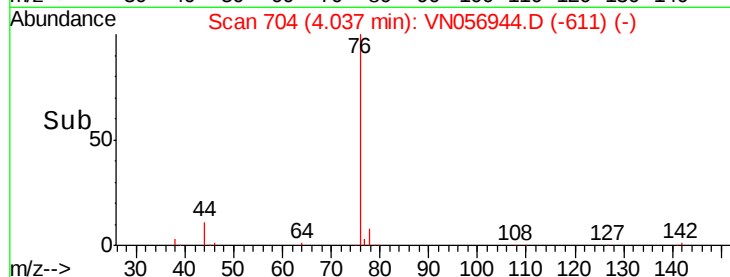
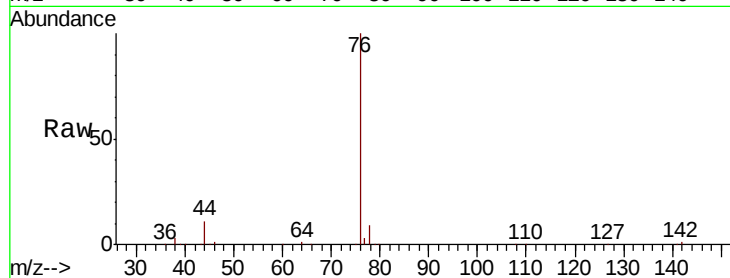
ICVVN072719

Tot Ion: 76 Resp: 698530

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 47.429 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN056944.D

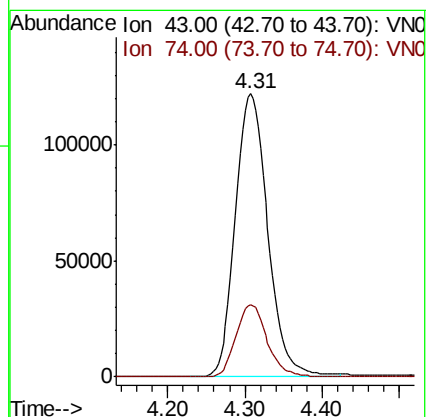
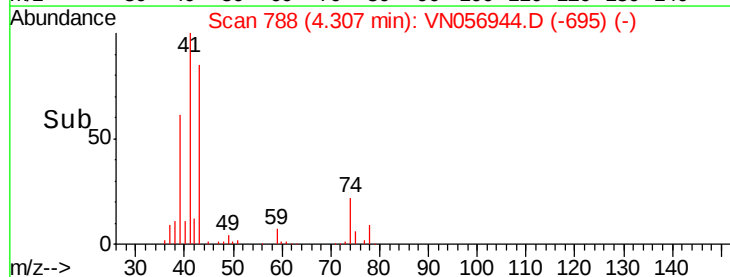
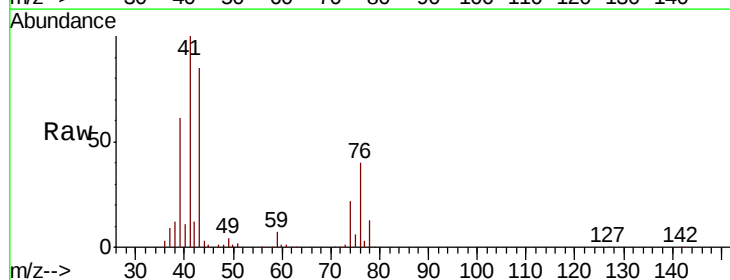
Acq: 26 Jul 2019 15:57

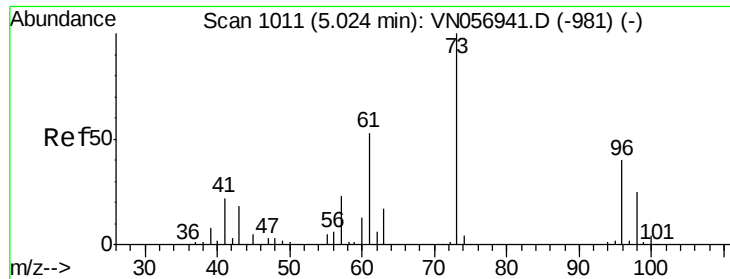
Tgt Ion: 43 Resp: 357413

Ion Ratio Lower Upper

43 100

74 24.4 19.7 29.5

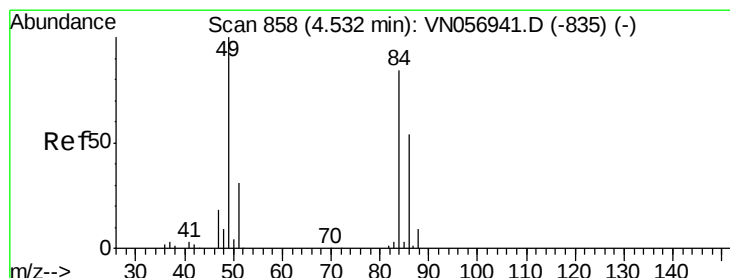
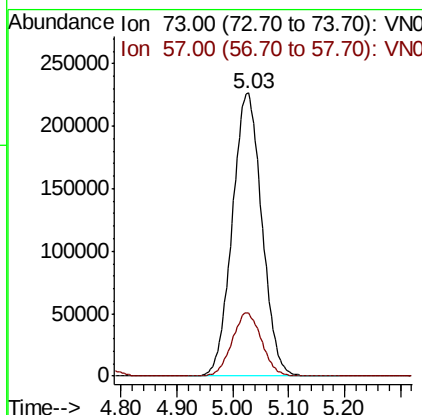
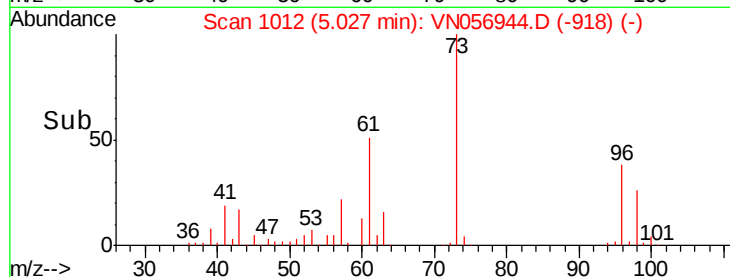
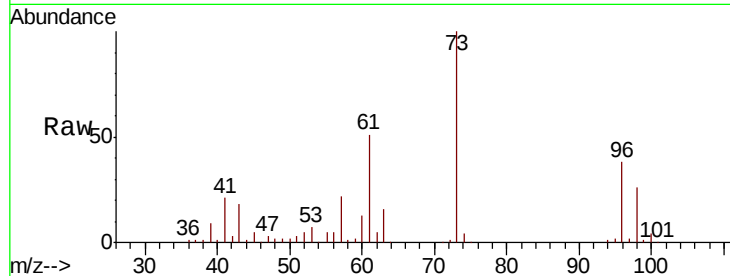




#19
Methyl tert-butyl Ether
Concen: 50.051 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

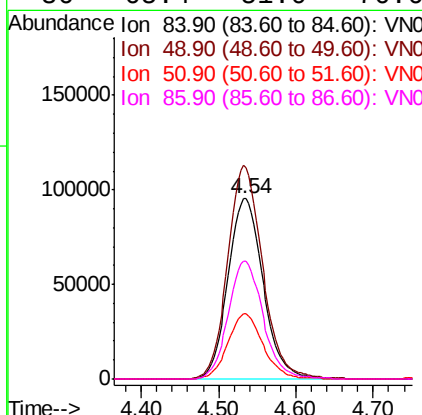
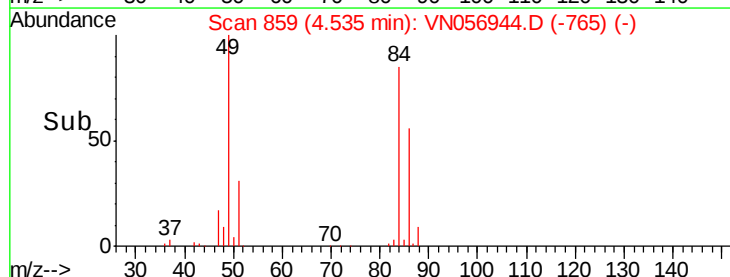
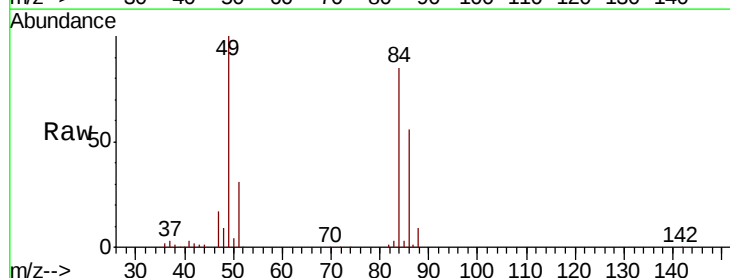
Instrument :
MSVOA_N
ClientSampled :
ICVVN072719

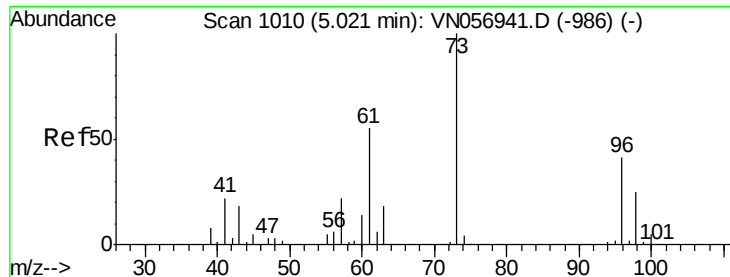
Tot Ion: 73 Resp: 835600
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 44.404 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 84 Resp: 302149
Ion Ratio Lower Upper
84 100
49 117.2 95.2 142.8
51 35.9 29.7 44.5
86 65.4 51.0 76.6

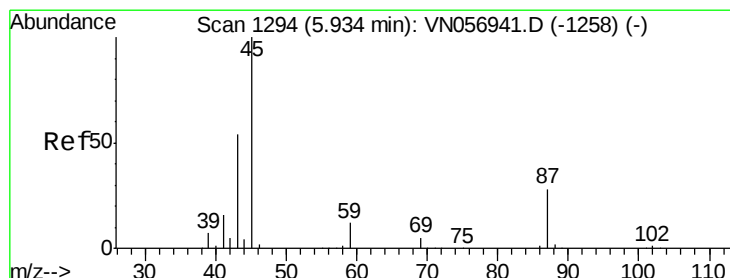
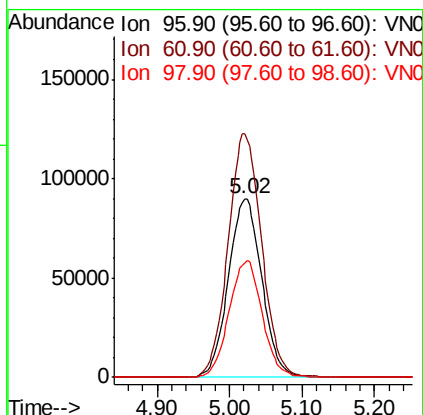
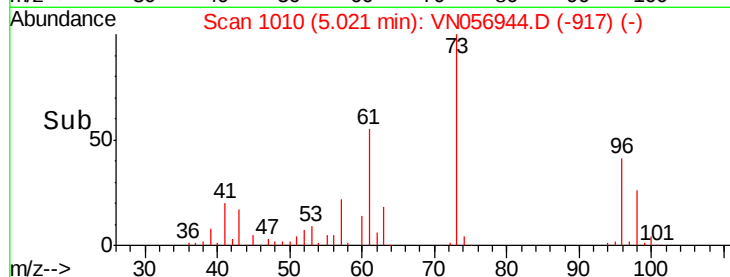
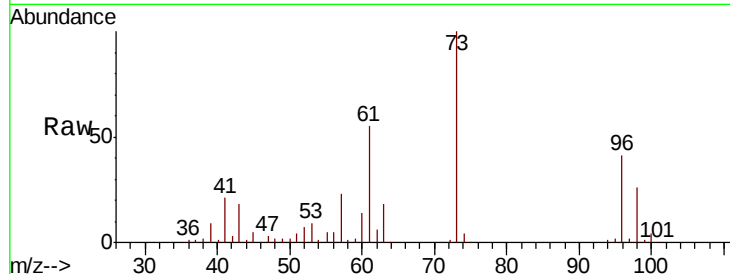




#21
trans-1,2-Dichloroethene
Concen: 48.437 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

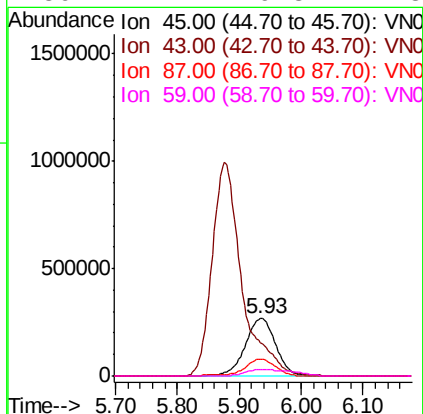
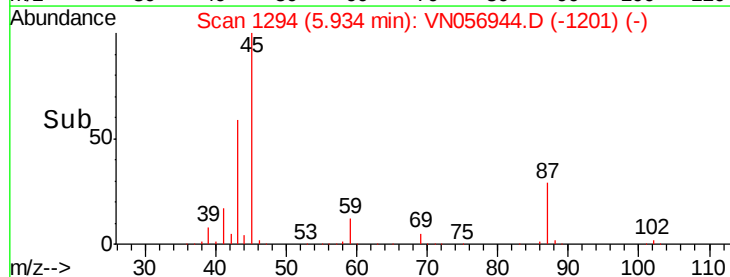
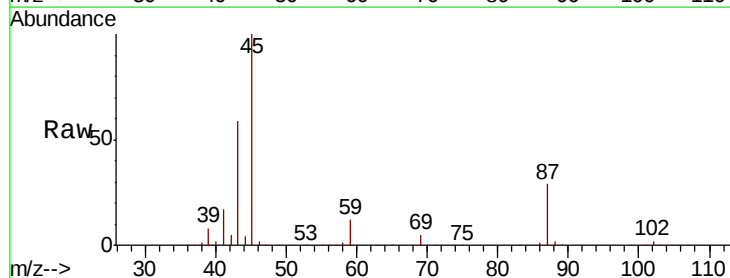
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

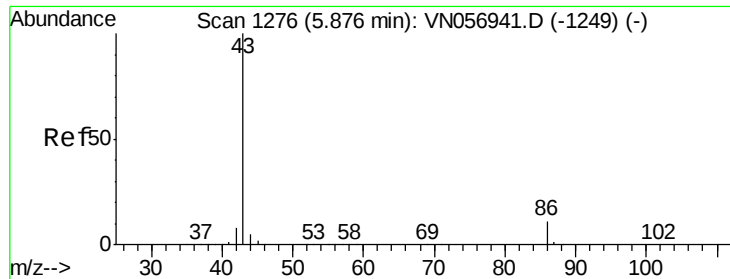
Tot Ion: 96 Resp: 288028
Ion Ratio Lower Upper
96 100
61 136.0 107.5 161.3
98 64.3 49.9 74.9



#22
Diisopropyl ether
Concen: 48.670 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 45 Resp: 913318
Ion Ratio Lower Upper
45 100
43 58.3 44.7 67.1
87 29.0 23.0 34.6
59 12.1 9.8 14.8

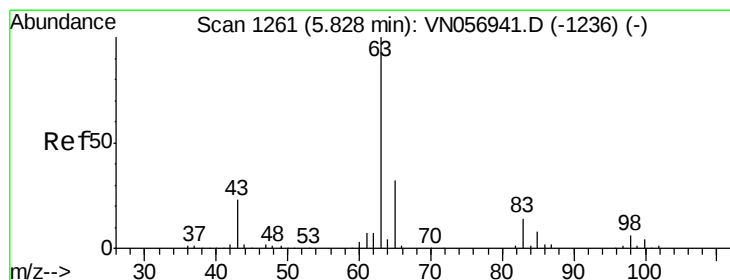
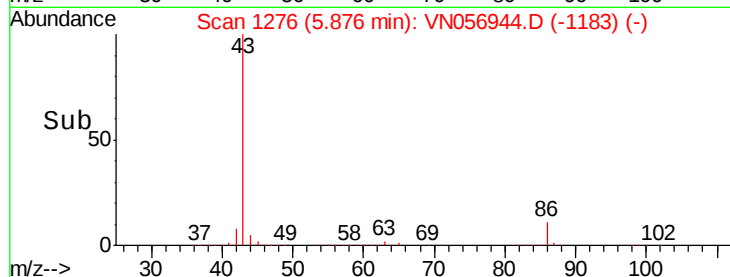
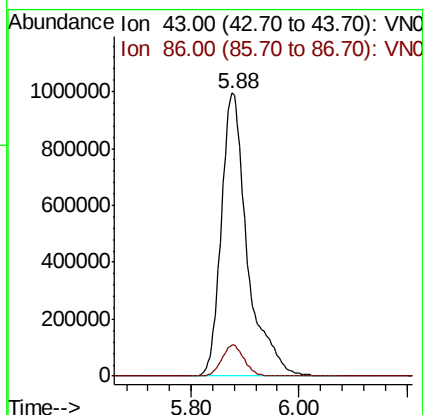
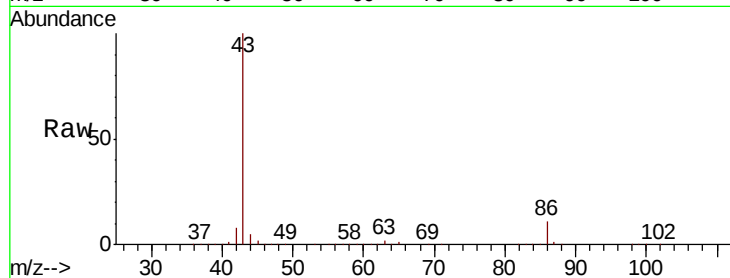




#23
 Vinyl Acetate
 Concen: 256.538 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

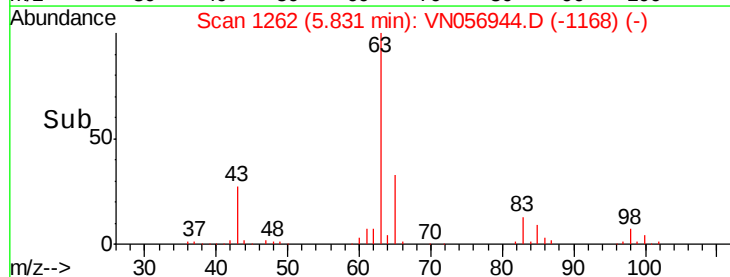
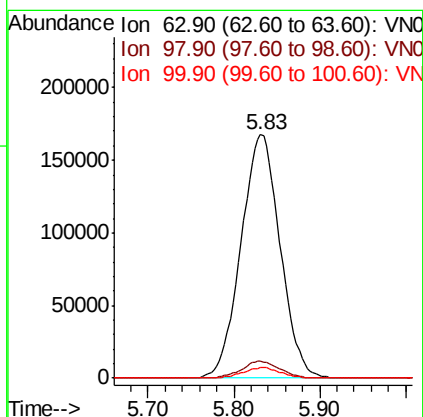
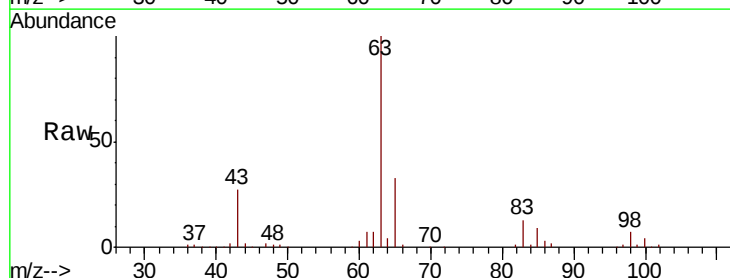
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN072719

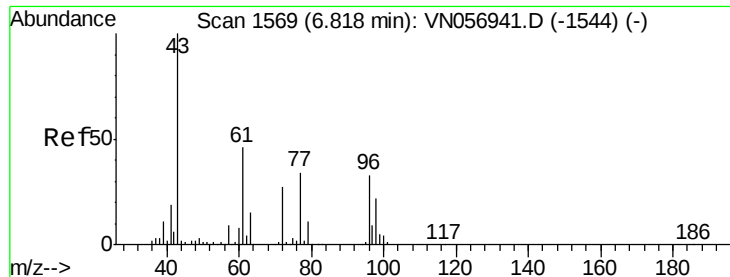
Tot Ion: 43 Resp: 3335495
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 47.819 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 63 Resp: 529446
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.2 9.6
 100 4.2 2.1 6.3

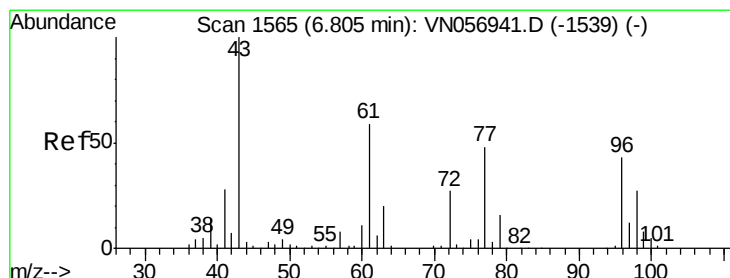
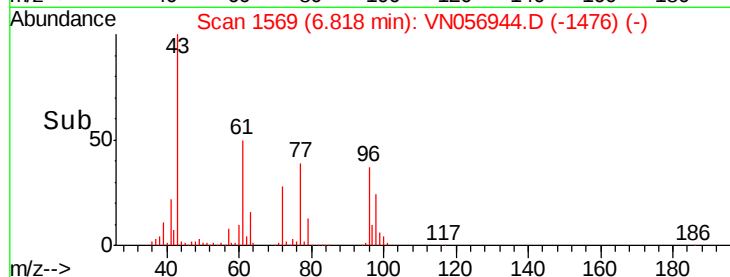
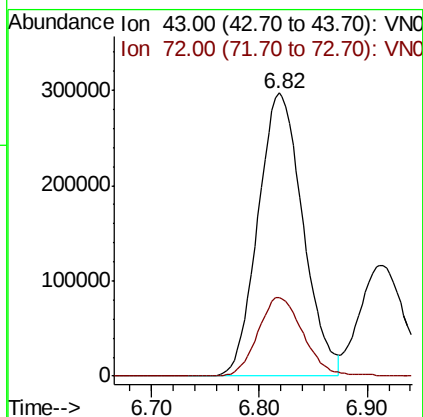
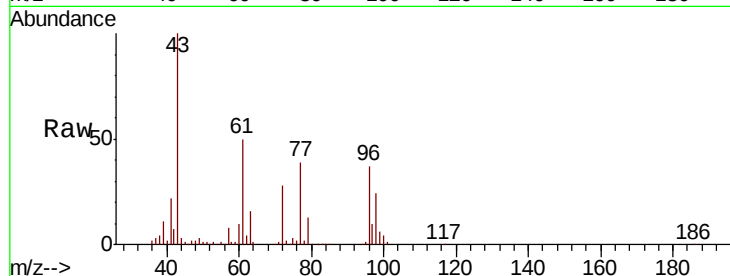




#25
2-Butanone
Concen: 255.413 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

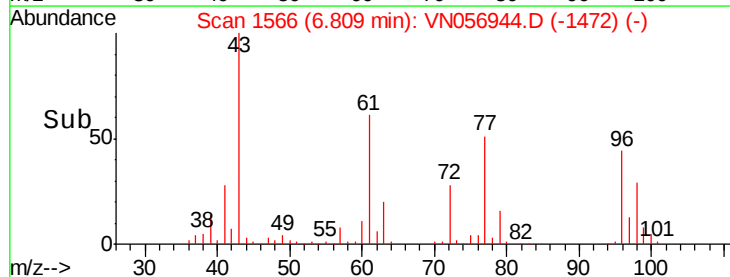
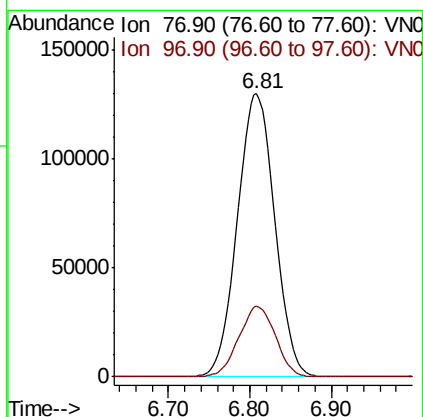
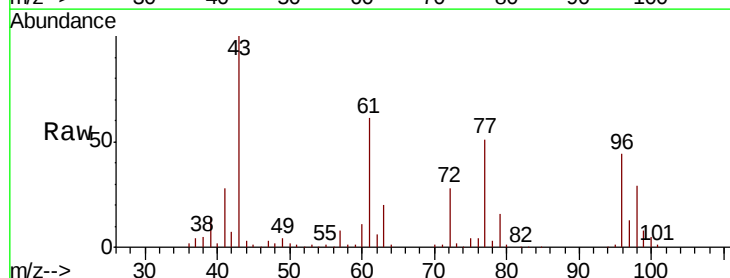
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

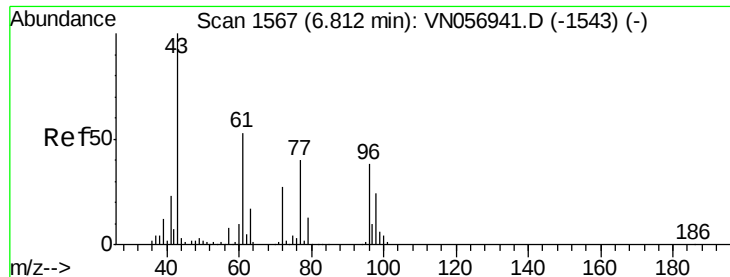
Tot Ion: 43 Resp: 855540
Ion Ratio Lower Upper
43 100
72 27.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 49.049 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 77 Resp: 412929
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6

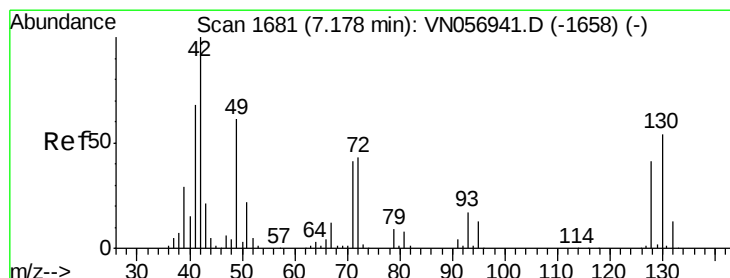
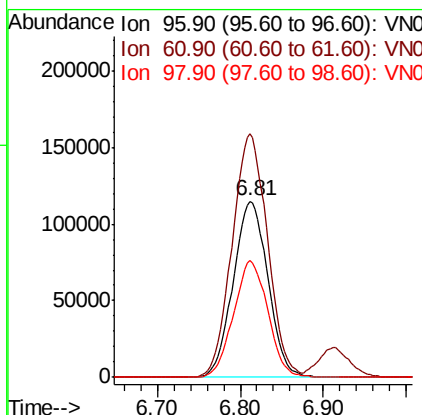
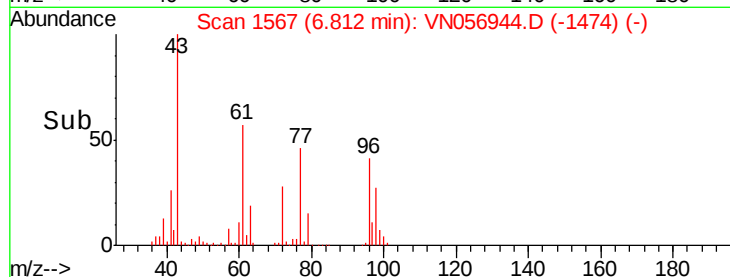
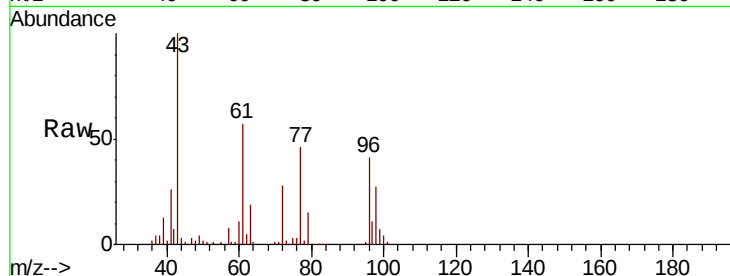




#27
 cis-1,2-Dichloroethene
 Concen: 47.725 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

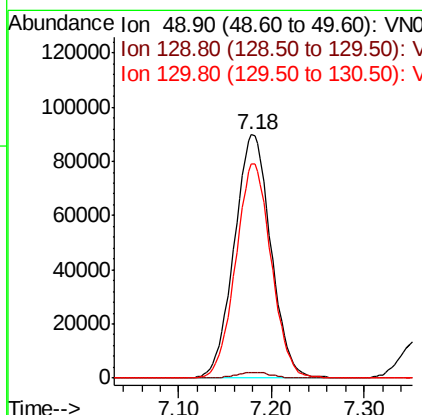
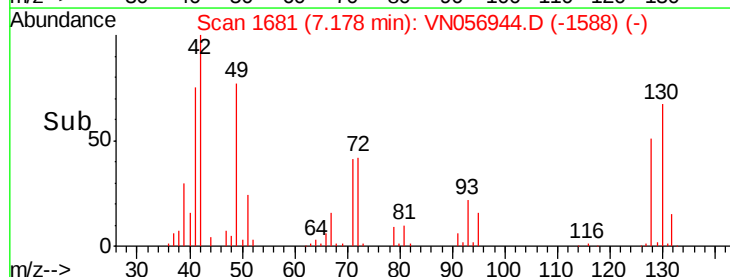
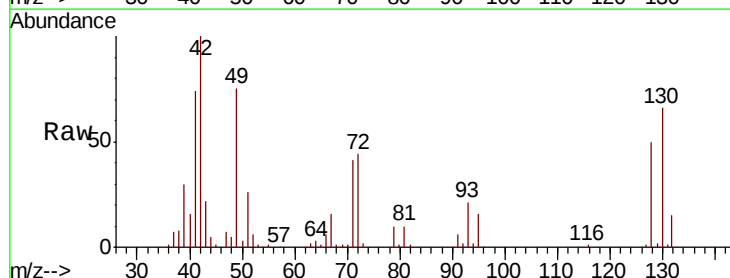
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

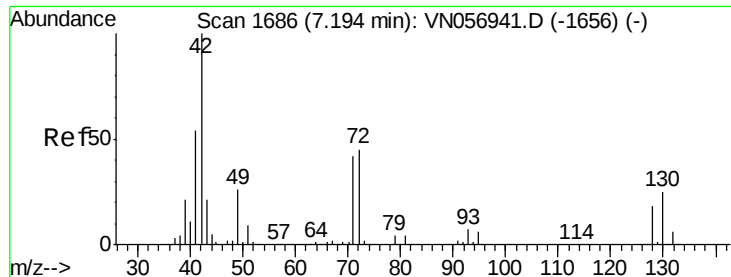
Tot Ion: 96 Resp: 335659
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 277.2
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 47.295 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 49 Resp: 246136
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 85.5 69.0 103.4

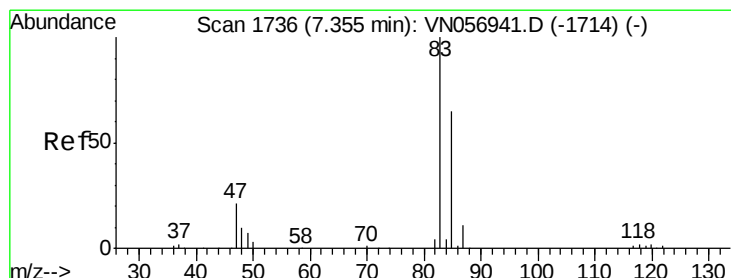
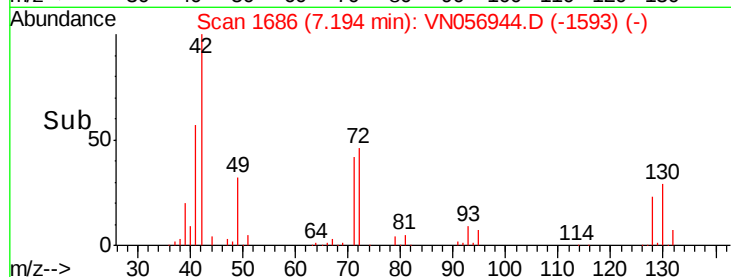
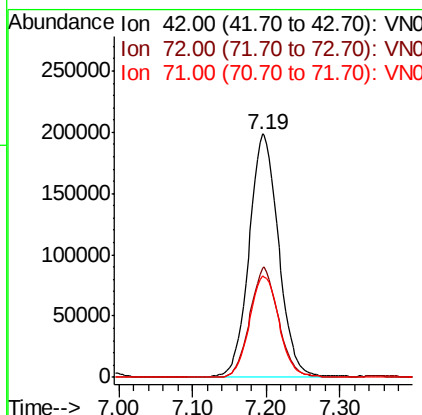
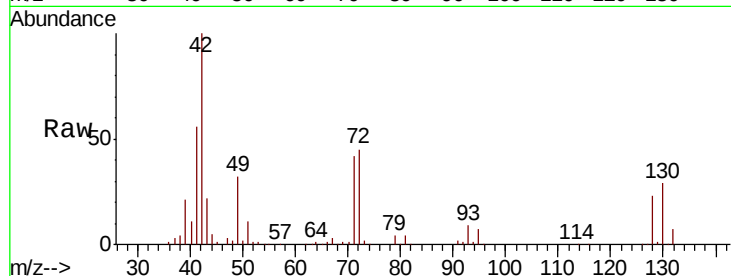




#29
Tetrahydrofuran
Concen: 253.822 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

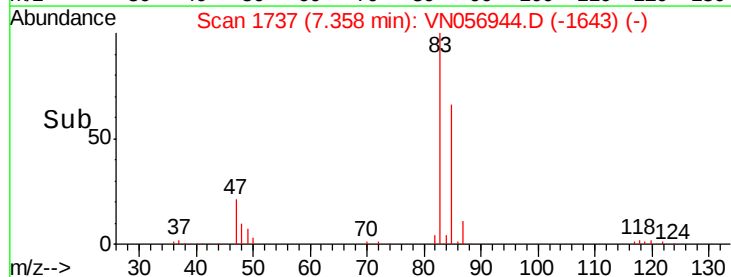
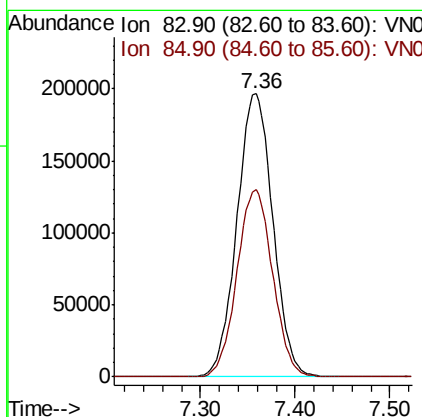
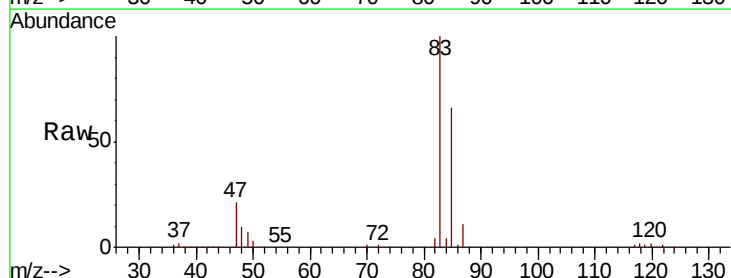
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

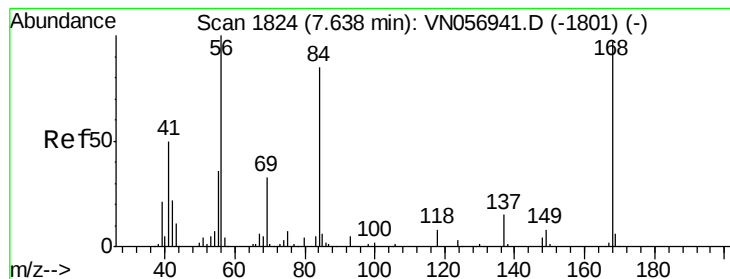
Tot Ion: 42 Resp: 554717
Ion Ratio Lower Upper
42 100
72 43.6 35.6 53.4
71 41.6 33.5 50.3



#30
Chloroform
Concen: 45.867 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 83 Resp: 519234
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.2





#31

Cyclohexane

Concen: 46.708 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

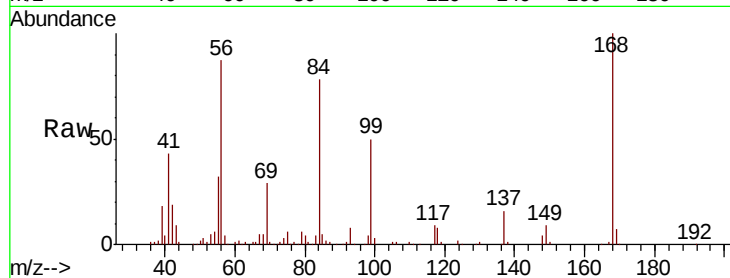
Tot Ion: 56 Resp: 500436

Ion Ratio Lower Upper

56 100

69 33.5 26.2 39.2

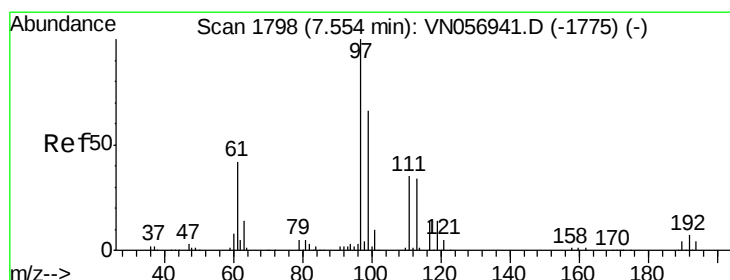
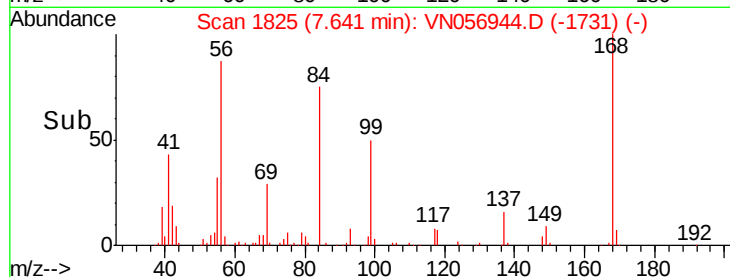
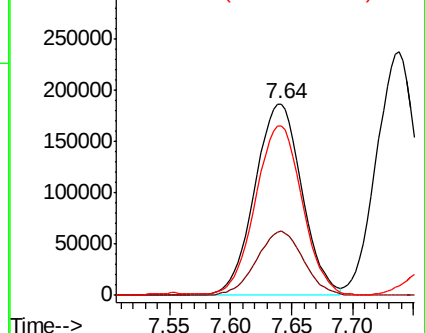
84 87.8 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.478 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

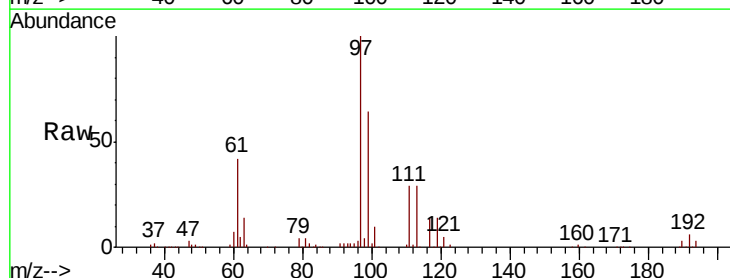
Tgt Ion: 97 Resp: 437869

Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

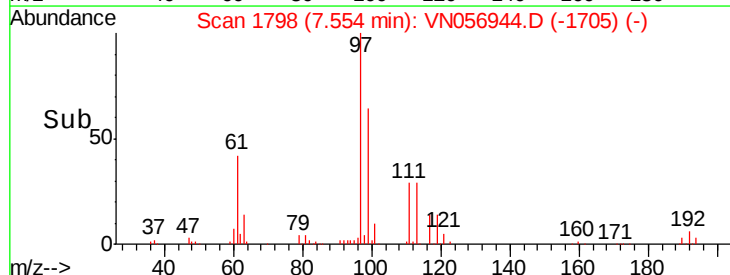
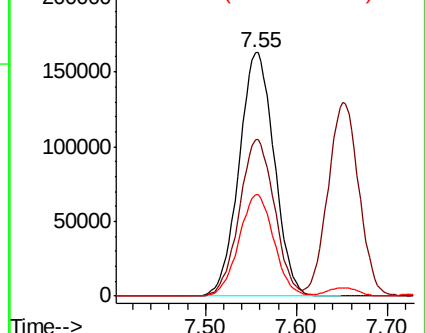
61 41.3 33.9 50.9

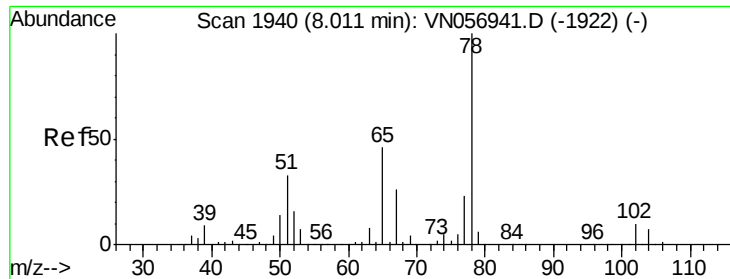


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

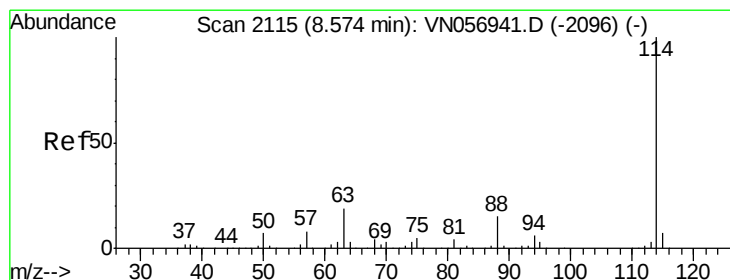
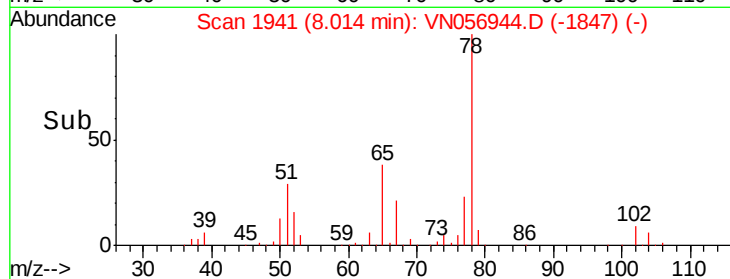
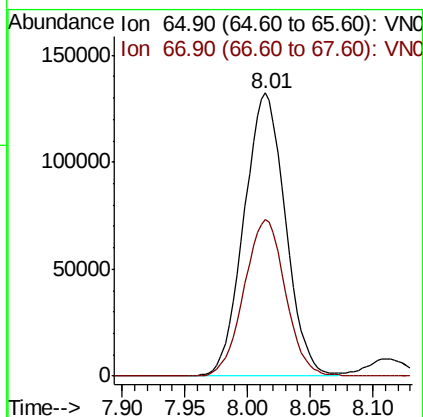
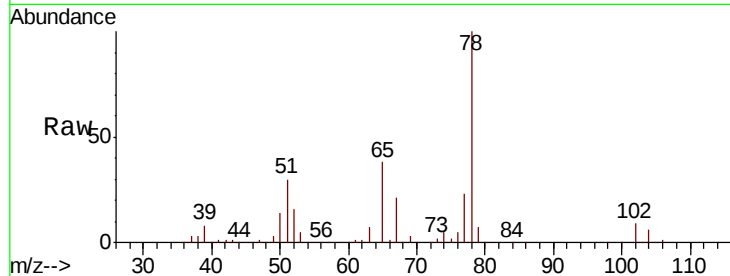




#33
 1,2-Dichloroethane-d4
 Concen: 46.688 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

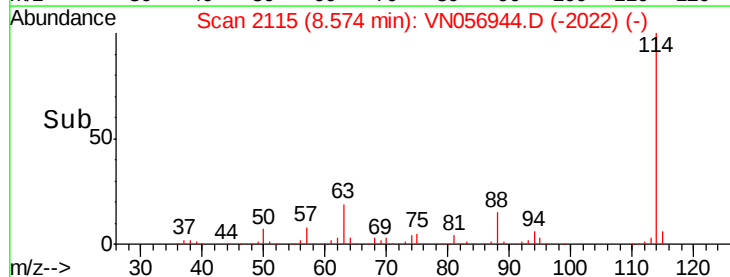
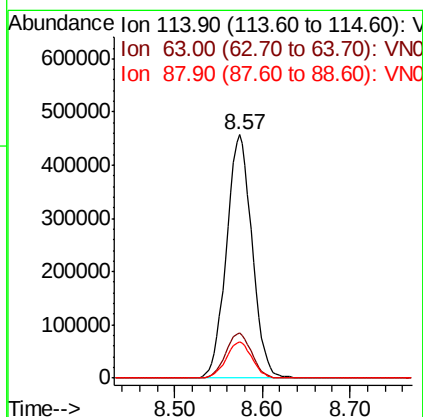
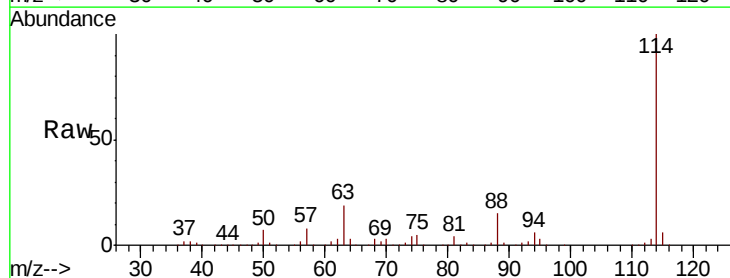
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN072719

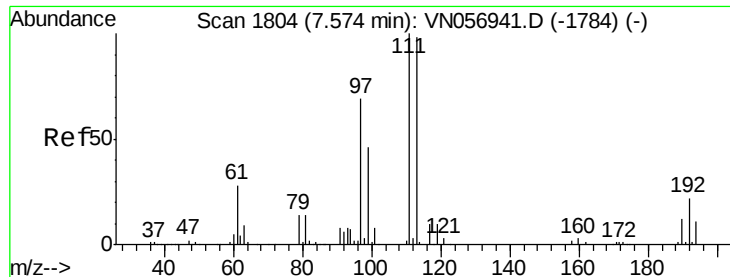
Tot Ion: 65 Resp: 304426
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 114 Resp: 928088
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 15.0 0.0 30.0

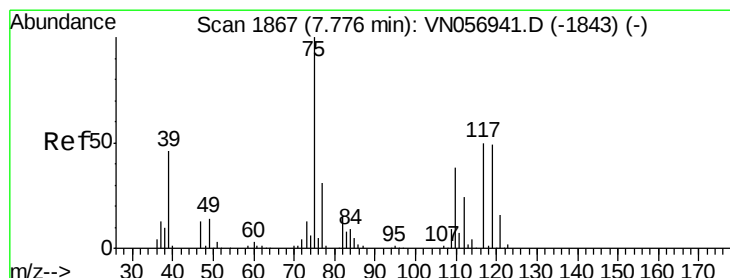
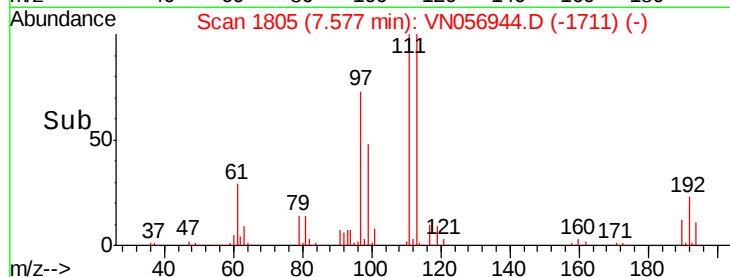
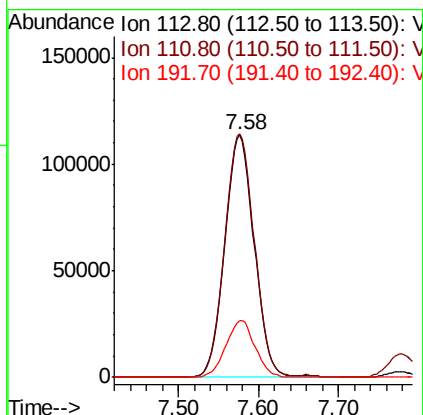
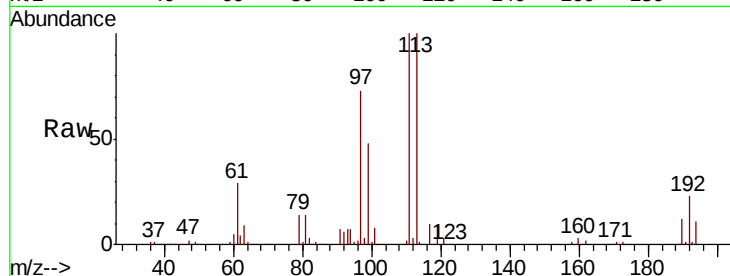




#35
Dibromofluoromethane
Concen: 48.186 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

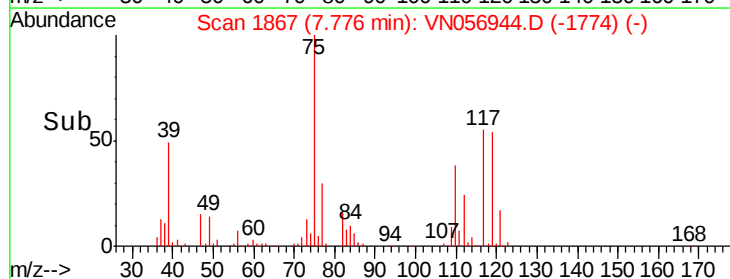
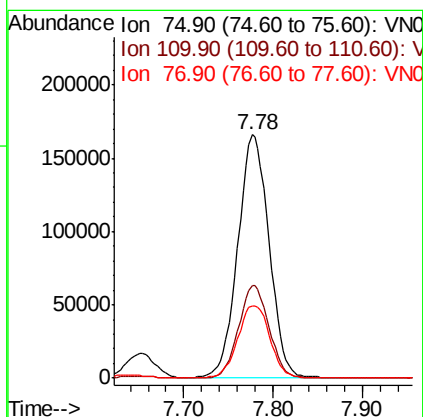
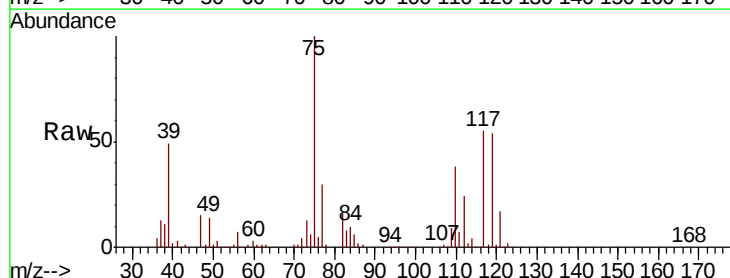
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

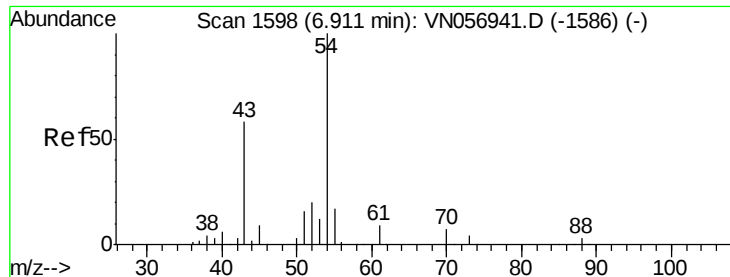
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	23.1	18.4	27.6



#36
1,1-Dichloropropene
Concen: 49.140 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	55.8
77	31.0	25.2	37.8

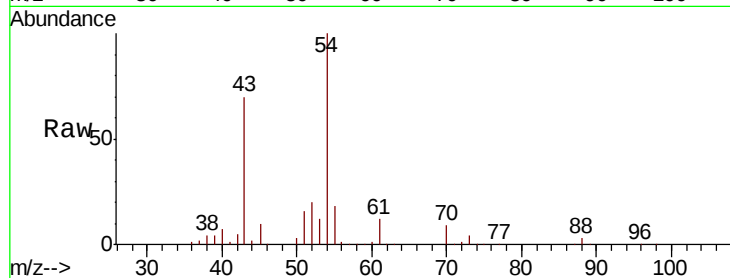




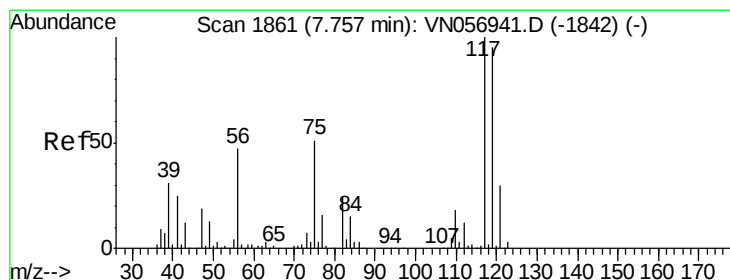
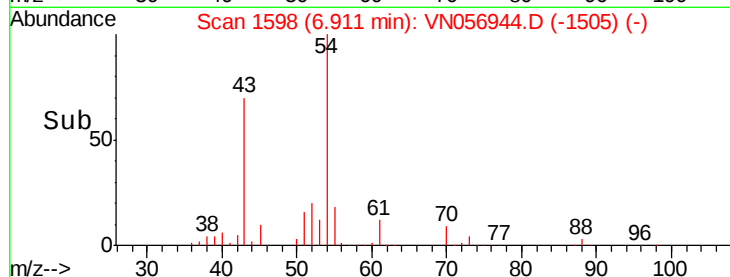
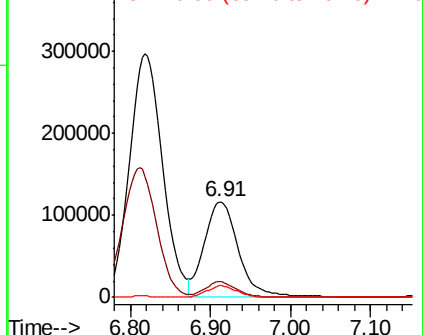
#37
Ethyl Acetate
Concen: 52.251 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

Tot Ion: 43 Resp: 341759
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 11.1 8.5 12.7

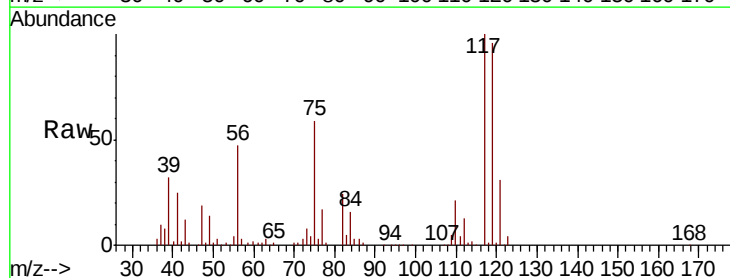


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

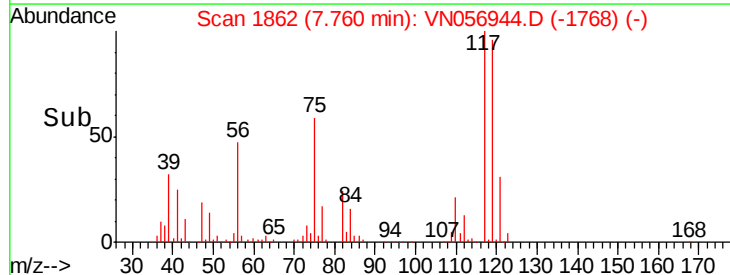
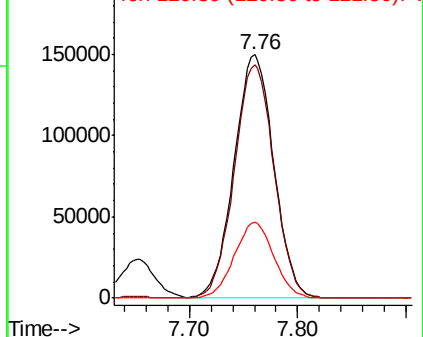


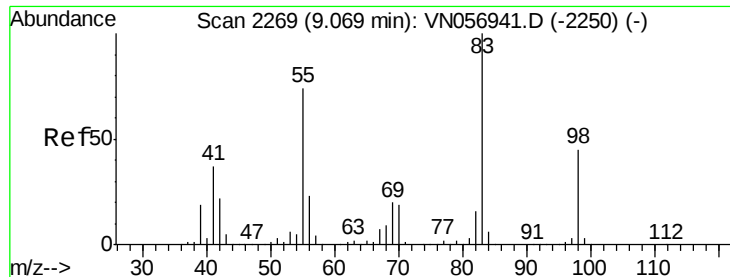
#38
Carbon Tetrachloride
Concen: 49.437 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 117 Resp: 381886
Ion Ratio Lower Upper
117 100
119 96.2 75.3 112.9
121 31.1 24.2 36.4



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

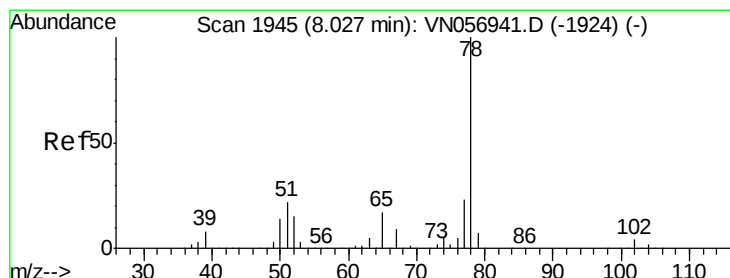
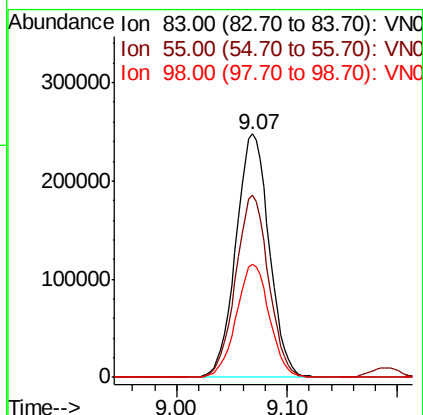
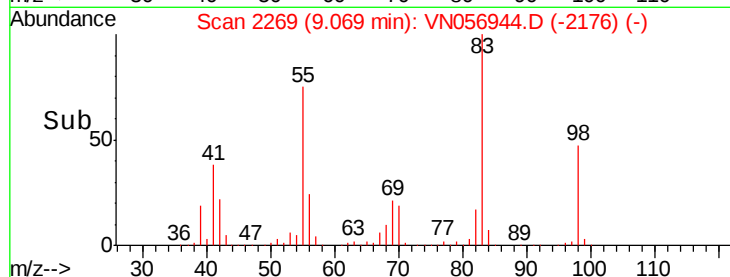
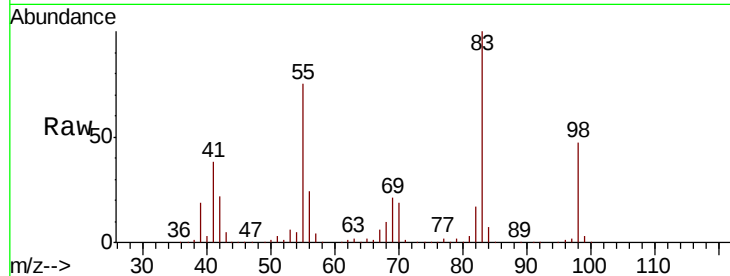




#39
Methvlcvclohexane
Concen: 49.566 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

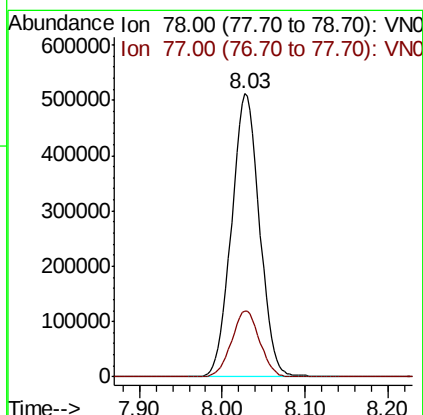
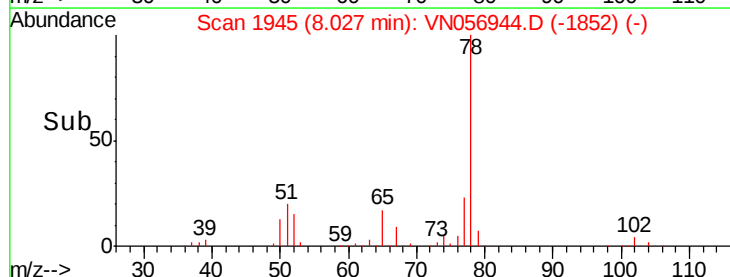
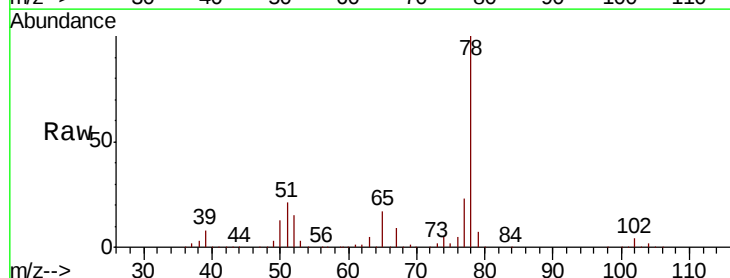
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

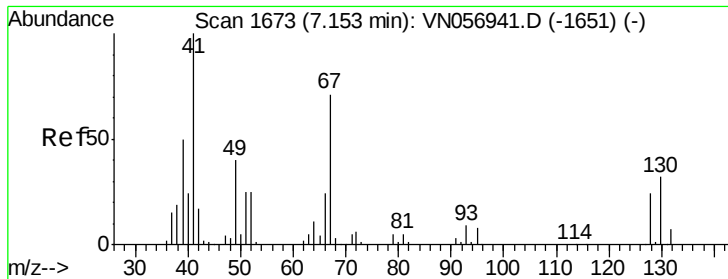
Tot Ion: 83 Resp: 517348
Ion Ratio Lower Upper
83 100
55 74.7 59.0 88.6
98 46.6 36.2 54.4



#40
Benzene
Concen: 47.975 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 78 Resp: 1206733
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

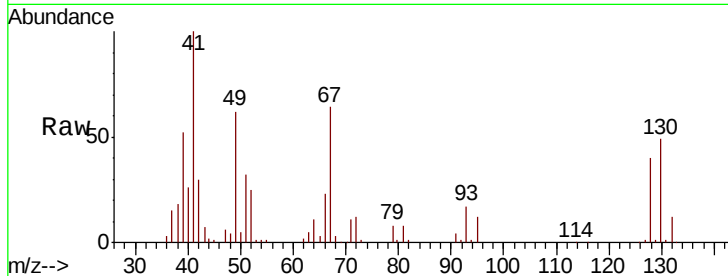




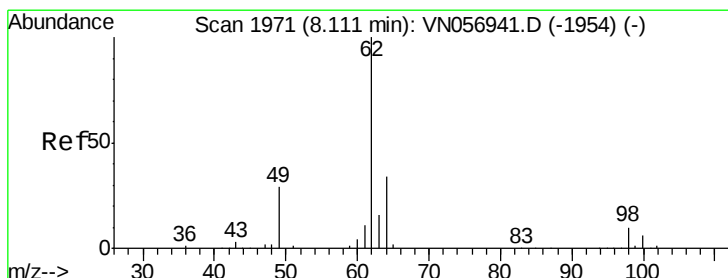
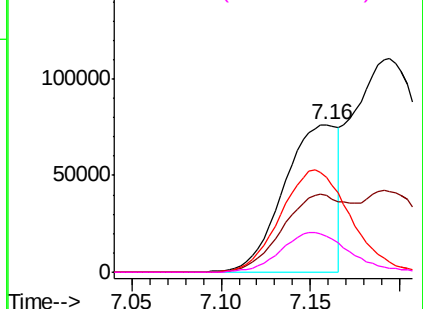
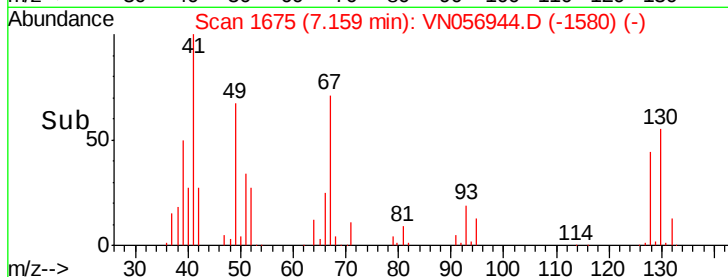
#41
Methacrylonitrile
Concen: 53.056 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

Tot Ion: 41 Resp: 160426
Ion Ratio Lower Upper
41 100
39 65.7 48.9 73.3
67 90.2 83.4 125.0
52 33.5 30.9 46.3

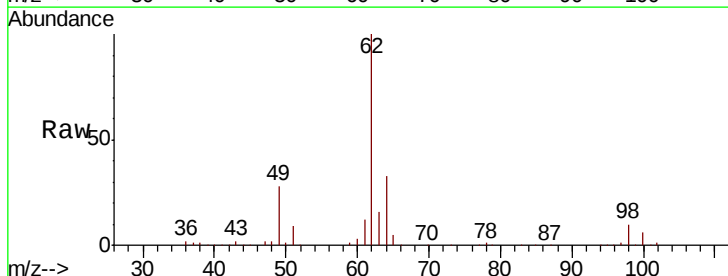


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

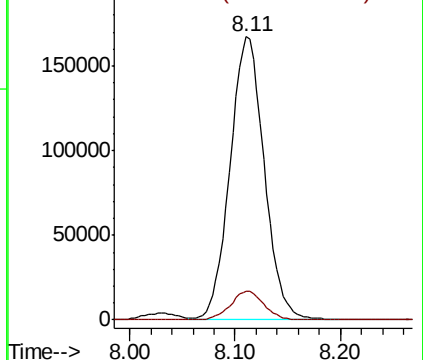
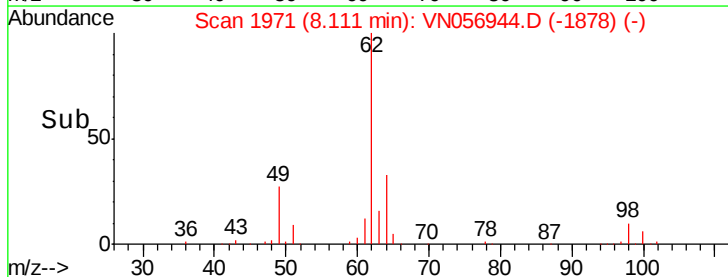


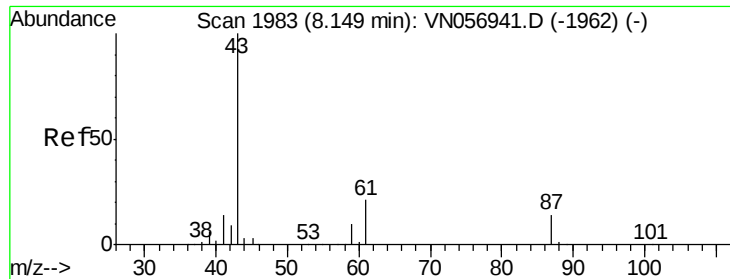
#42
1,2-Dichloroethane
Concen: 47.533 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 62 Resp: 374714
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 50.445 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

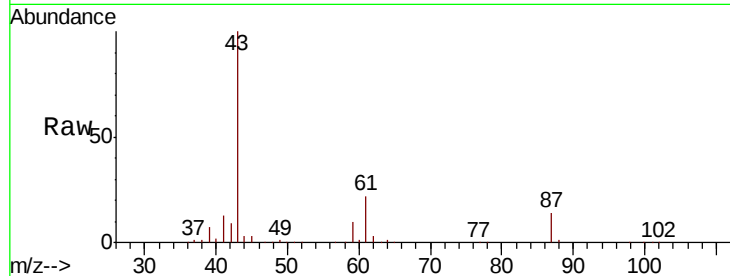
Tot Ion: 43 Resp: 545344

Ion Ratio Lower Upper

43 100

61 29.8 23.0 34.6

87 14.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056944.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056944.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056944.D (-1962) (-)

8.15

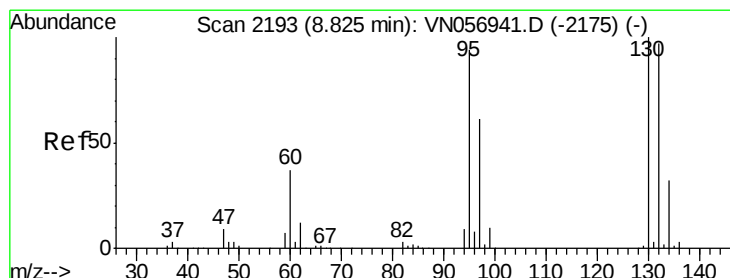
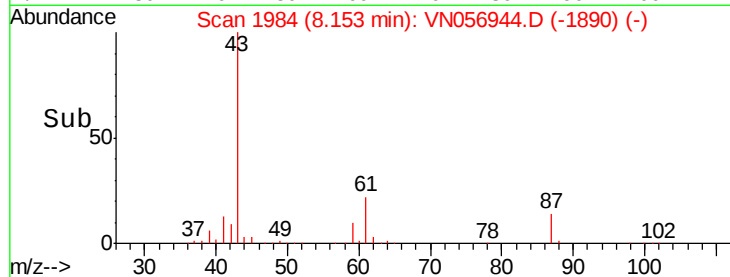
300000

200000

100000

0

Time-->



#44

Trichloroethene

Concen: 48.450 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN056944.D

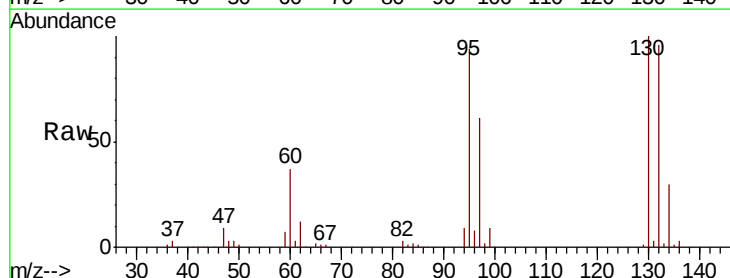
Acq: 26 Jul 2019 15:57

Tgt Ion:130 Resp: 335744

Ion Ratio Lower Upper

130 100

95 94.1 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VN056944.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056944.D (-2175) (-)

8.82

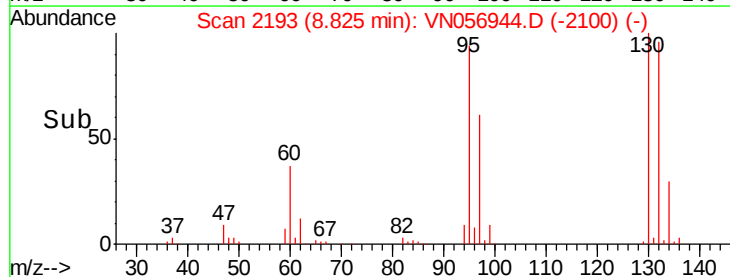
150000

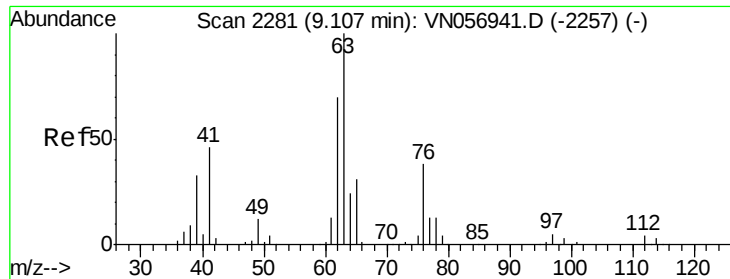
100000

50000

0

Time-->

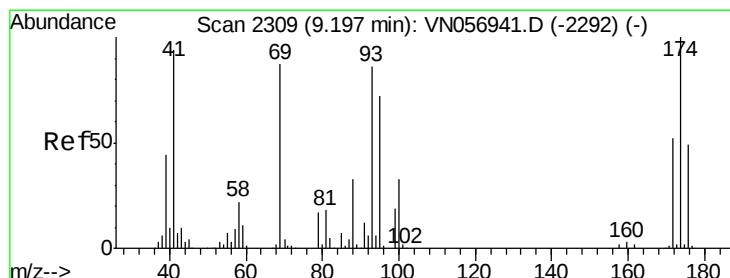
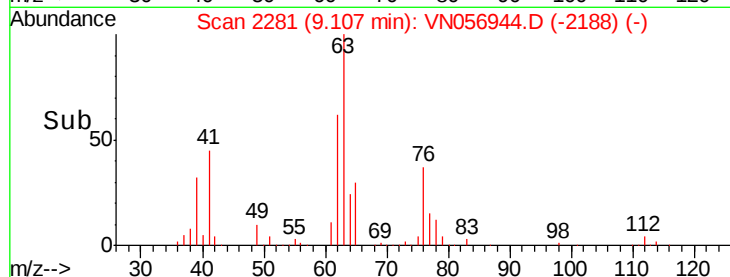
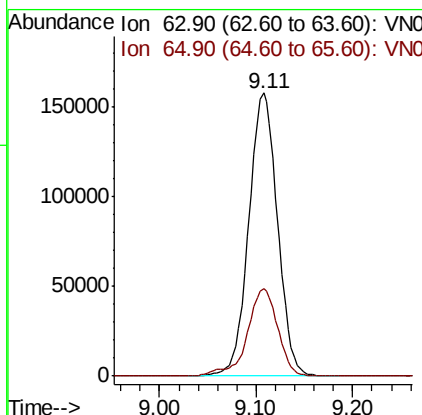
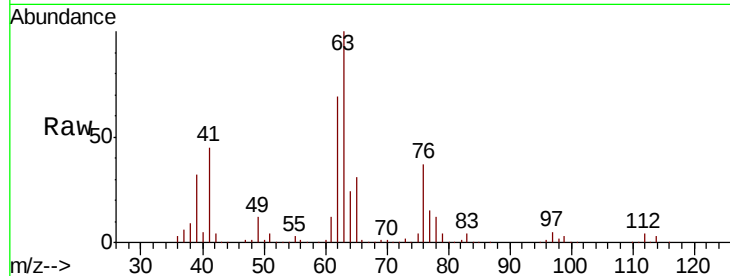




#45
 1,2-Dichloropropane
 Concen: 48.333 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

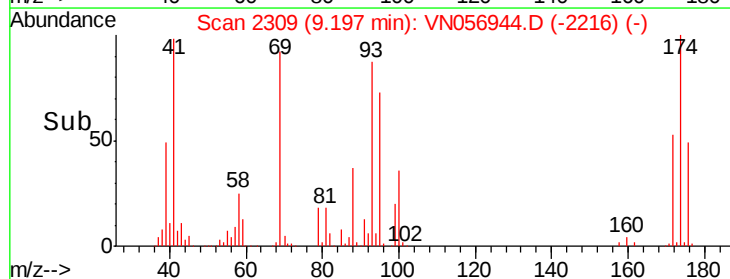
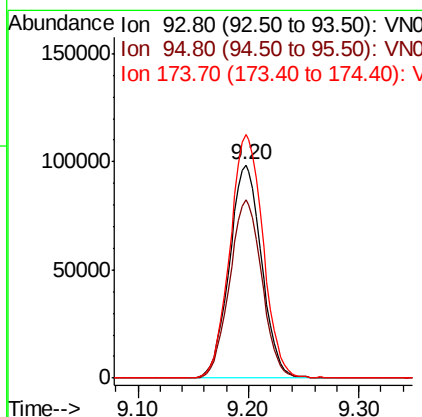
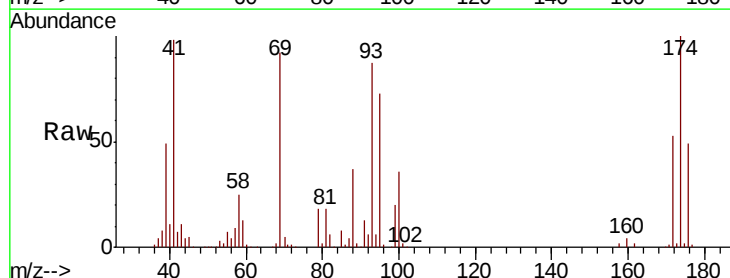
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

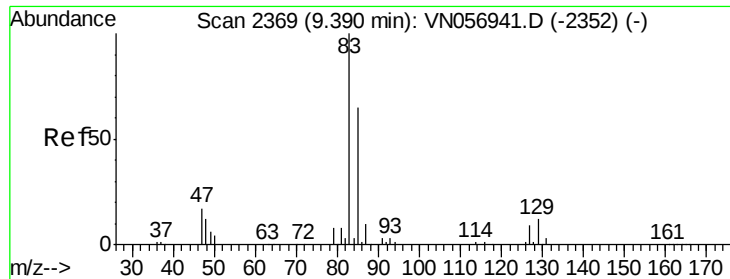
Tot Ion: 63 Resp: 325179
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 49.210 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 93 Resp: 199663
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.6
 174 116.8 92.7 139.1





#47

Bromodichloromethane

Concen: 49.201 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

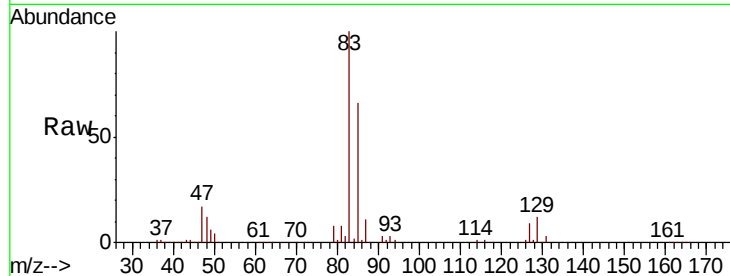
Tot Ion: 83 Resp: 392490

Ion Ratio Lower Upper

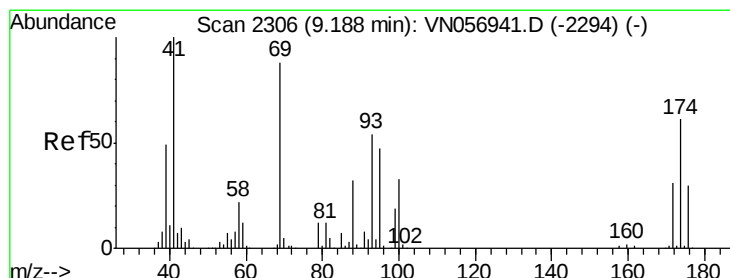
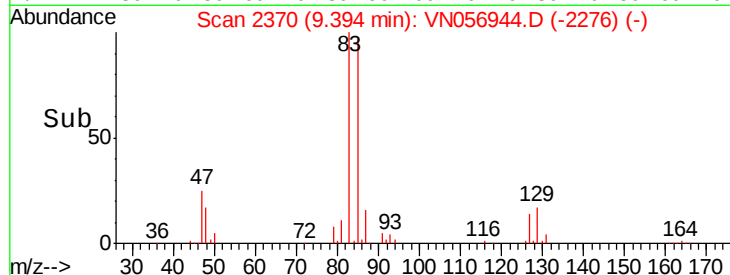
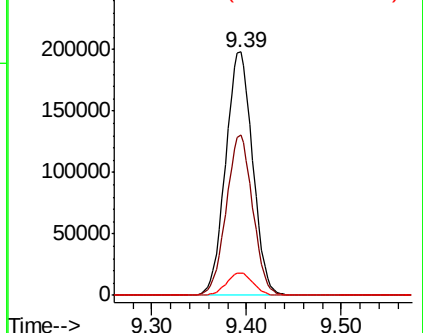
83 100

85 65.9 51.6 77.4

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 50.772 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

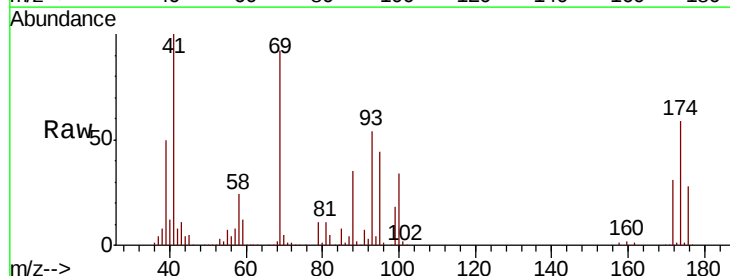
Tgt Ion: 41 Resp: 264996

Ion Ratio Lower Upper

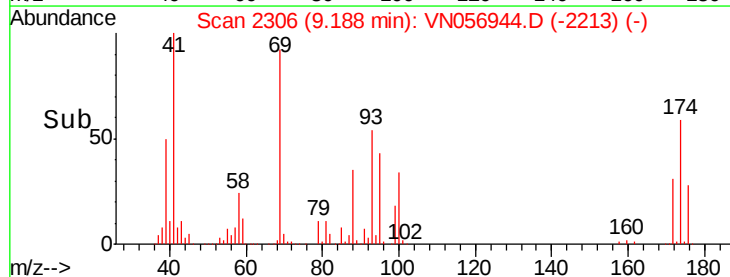
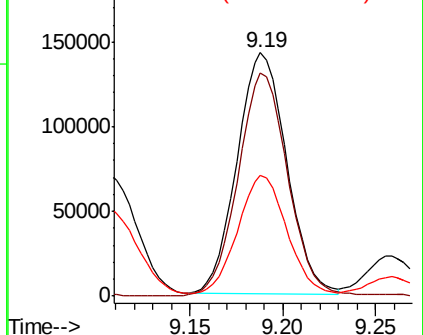
41 100

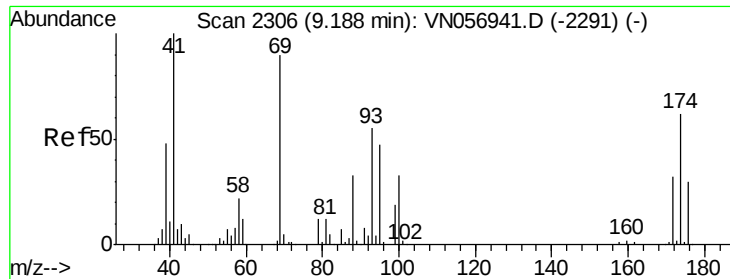
69 93.7 73.4 110.0

39 50.2 39.9 59.9



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





#49

1,4-Dioxane

Concen: 1029.237 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

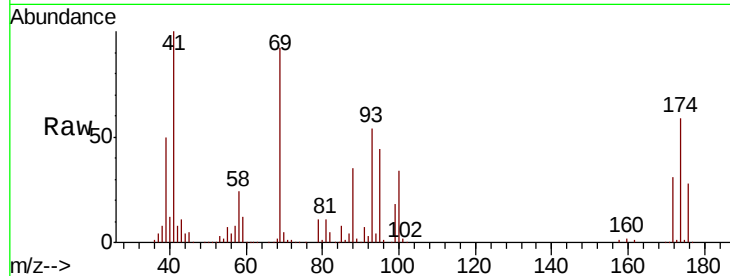
Tot Ion: 88 Resp: 110704

Ion Ratio Lower Upper

88 100

43 27.5 22.2 33.2

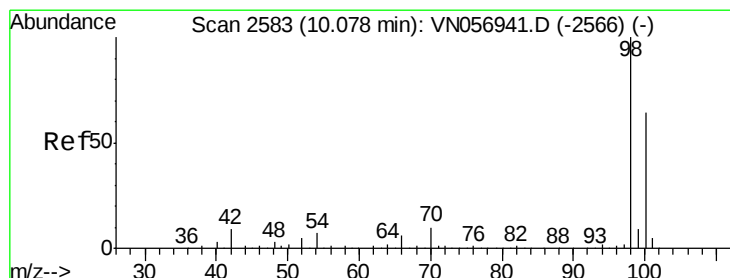
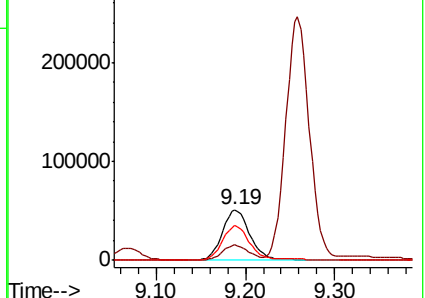
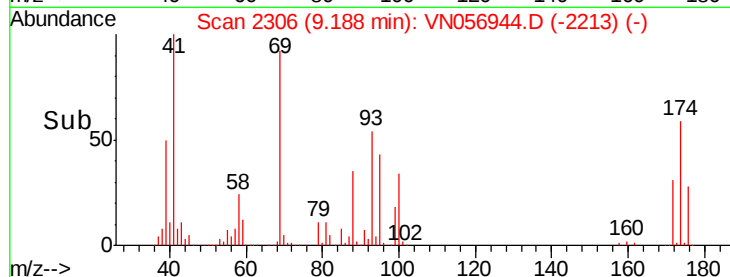
58 66.9 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.730 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN056944.D

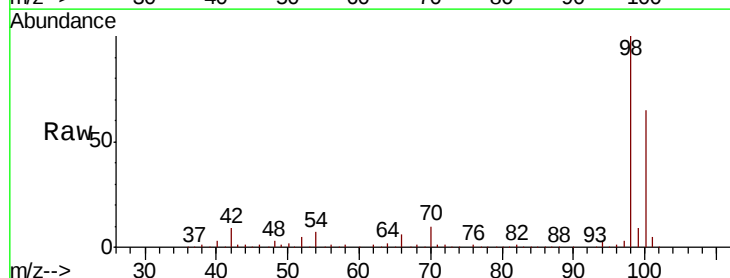
Acq: 26 Jul 2019 15:57

Tgt Ion: 98 Resp: 1081419

Ion Ratio Lower Upper

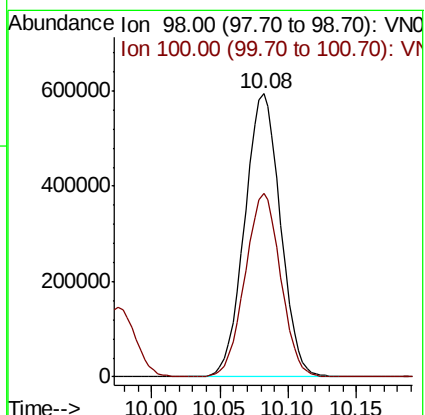
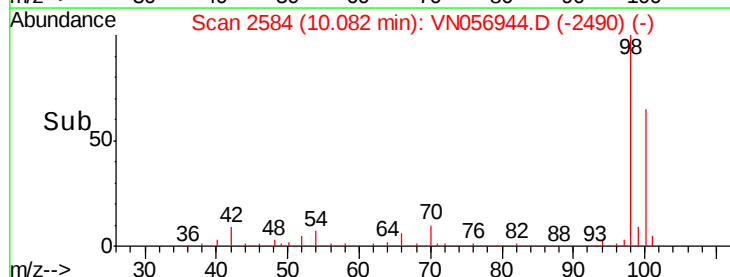
98 100

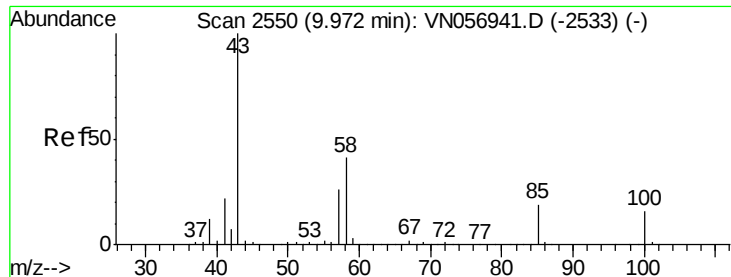
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 256.565 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

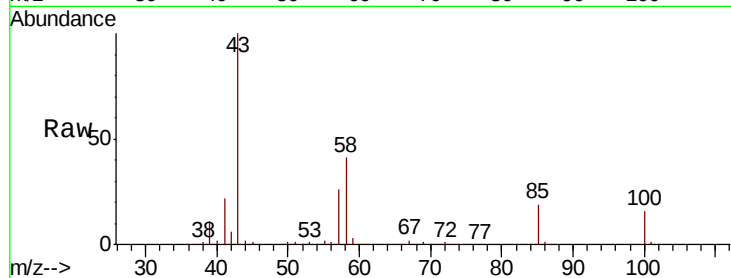
ICVVN072719

Tot Ion: 43 Resp: 1647985

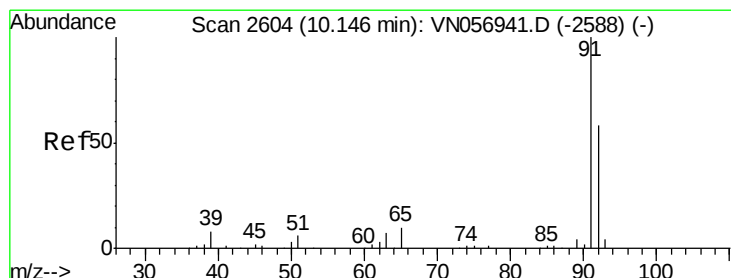
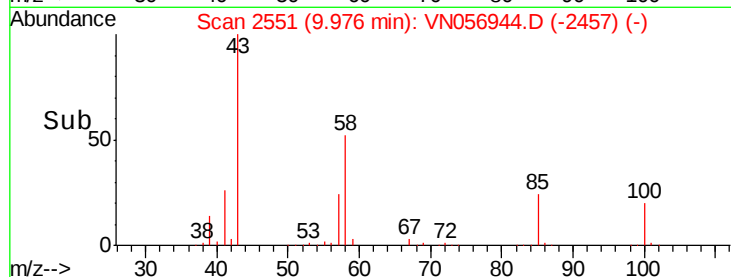
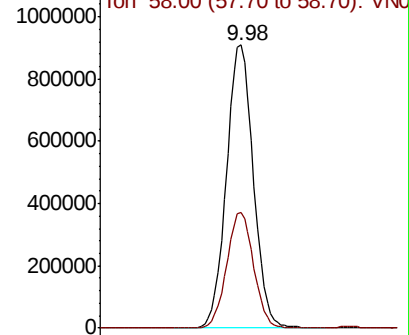
Ion Ratio Lower Upper

43 100

58 41.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)



#52

Toluene

Concen: 48.852 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN056944.D

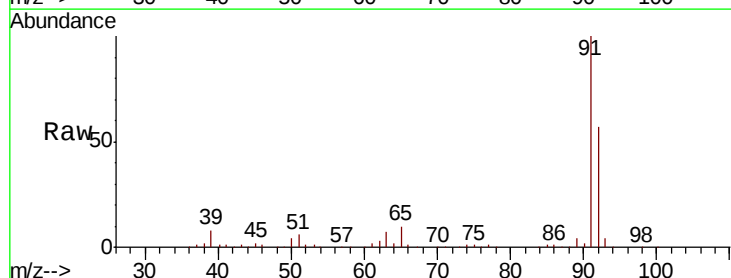
Acq: 26 Jul 2019 15:57

Tgt Ion: 92 Resp: 738265

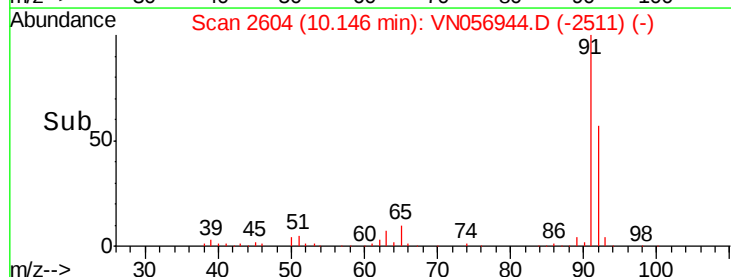
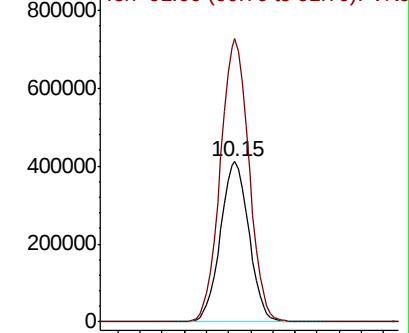
Ion Ratio Lower Upper

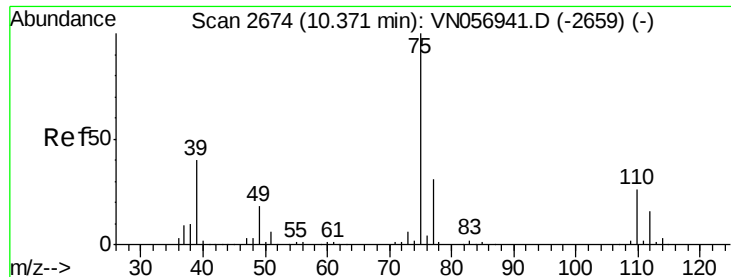
92 100

91 177.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

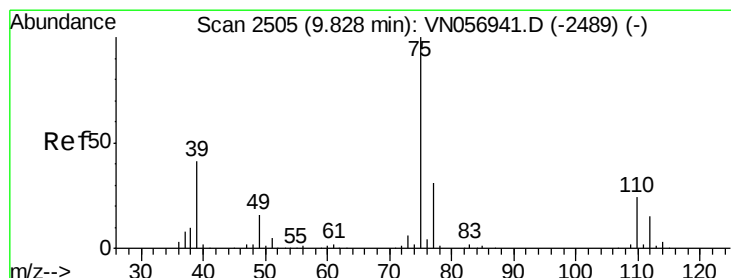
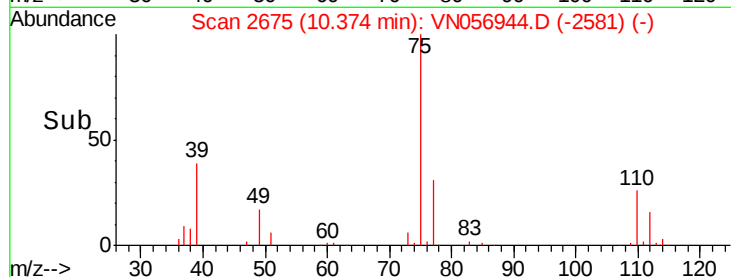
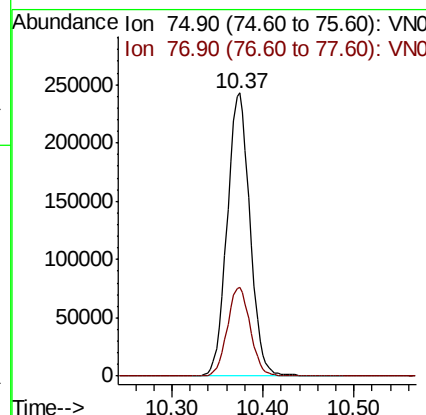
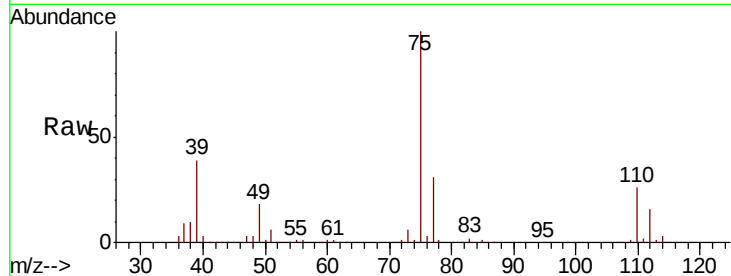




#53
t-1,3-Dichloropropene
Concen: 51.179 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

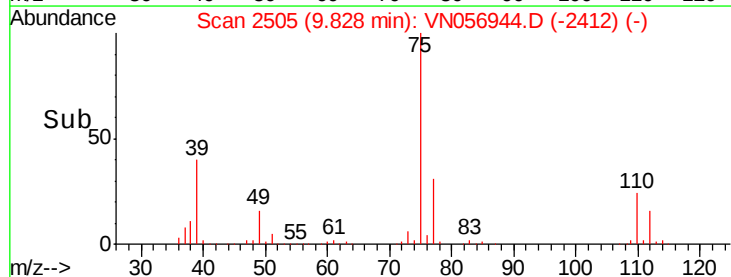
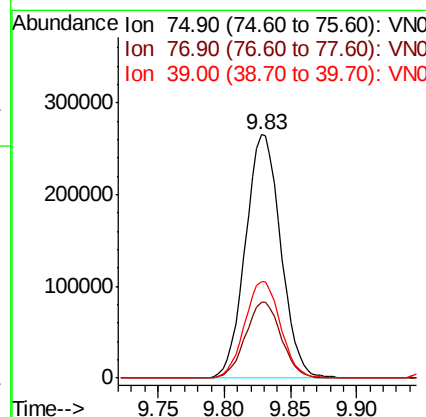
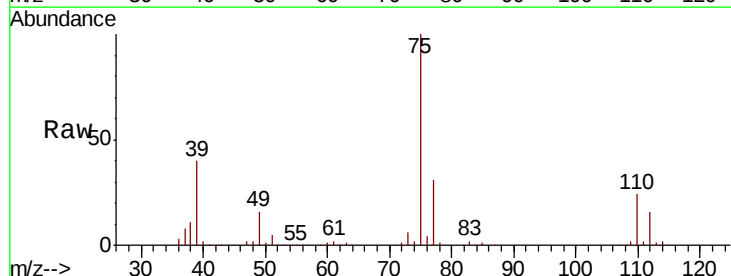
Instrument :
MSVOA_N
ClientSampled :
ICVVN072719

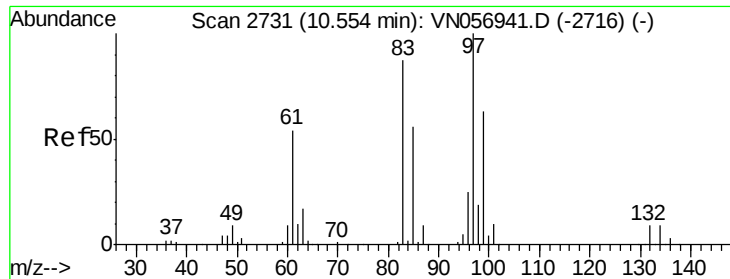
Tot Ion: 75 Resp: 423665
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.185 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 75 Resp: 492658
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 39.8 32.6 49.0

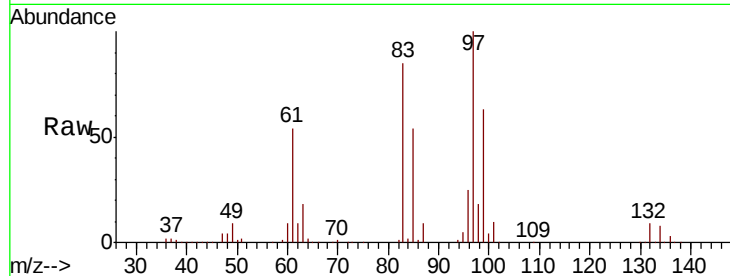




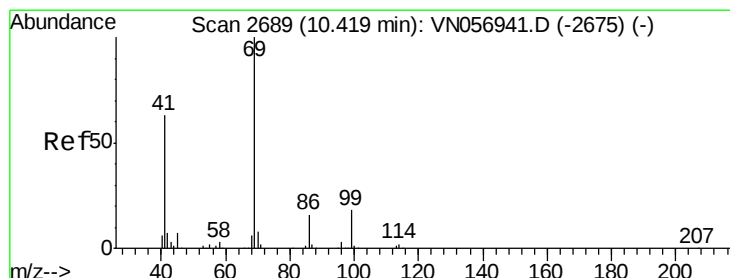
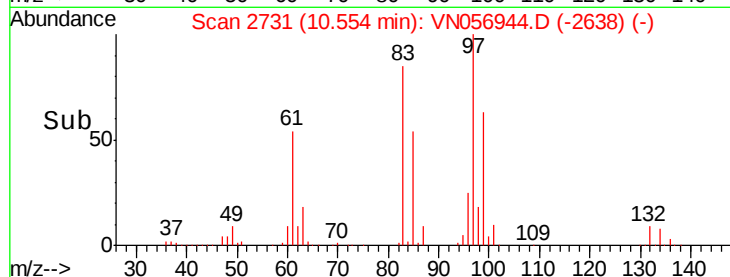
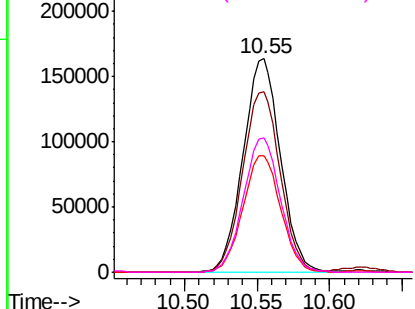
#55
 1,1,2-Trichloroethane
 Concen: 48.570 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN072719

Tot Ion: 97 Resp: 294362
 Ion Ratio Lower Upper
 97 100
 83 84.7 69.4 104.0
 85 54.4 44.7 67.1
 99 63.0 50.1 75.1

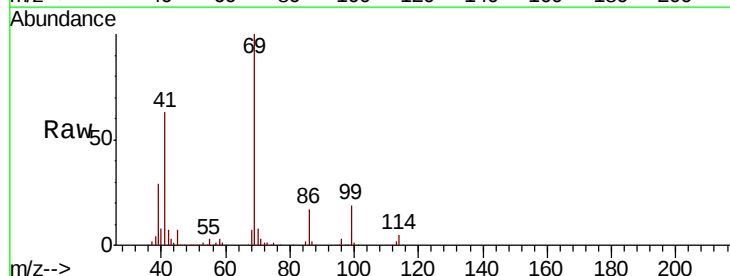


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

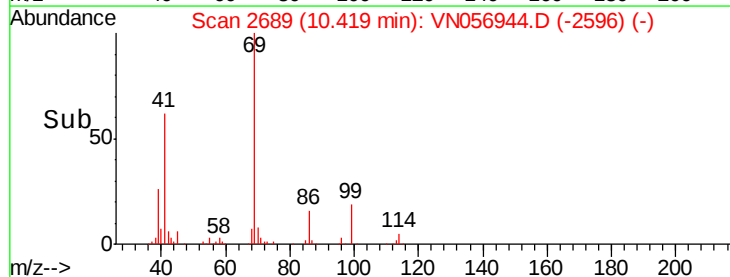
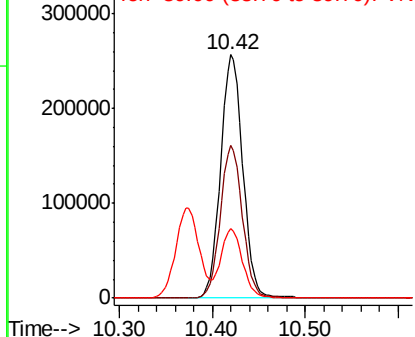


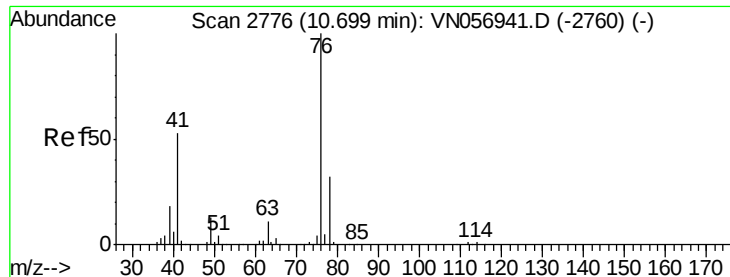
#56
 Ethyl methacrylate
 Concen: 46.659 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 69 Resp: 425934
 Ion Ratio Lower Upper
 69 100
 41 61.7 49.2 73.8
 39 28.5 23.1 34.7



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





#57

1,3-Dichloropropane

Concen: 48.486 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

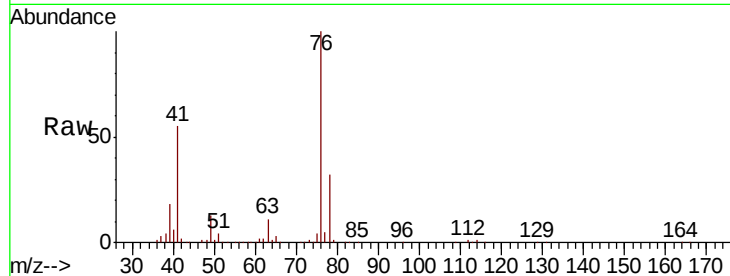
ICVVN072719

Tot Ion: 76 Resp: 487269

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

250000

200000

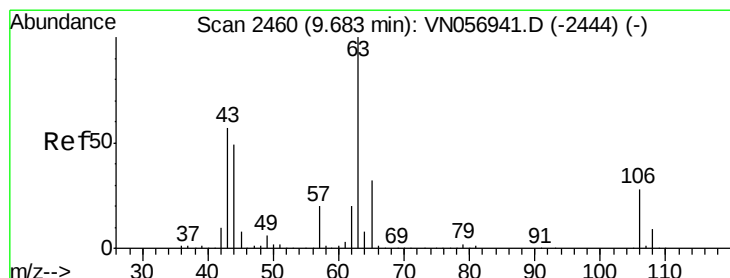
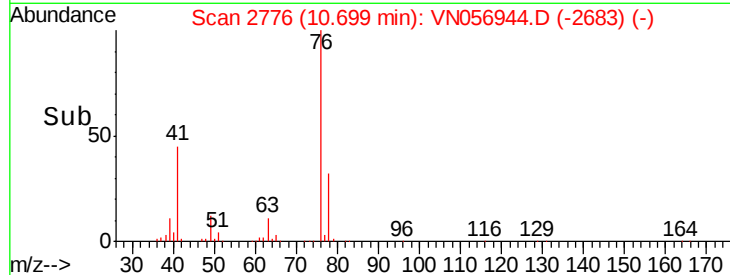
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 251.166 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN056944.D

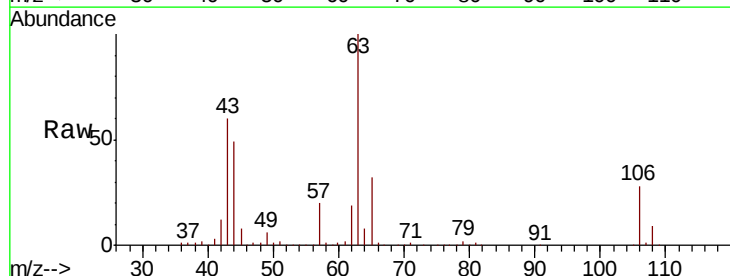
Acq: 26 Jul 2019 15:57

Tgt Ion: 63 Resp: 912175

Ion Ratio Lower Upper

63 100

106 28.1 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

600000

500000

400000

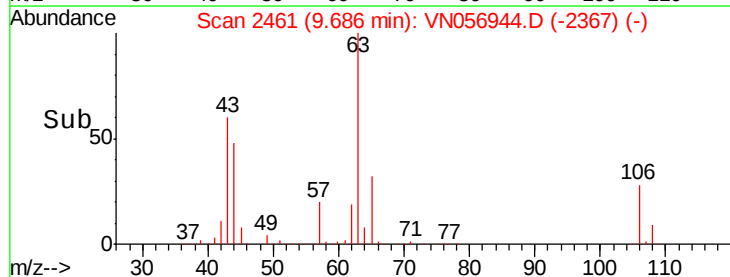
300000

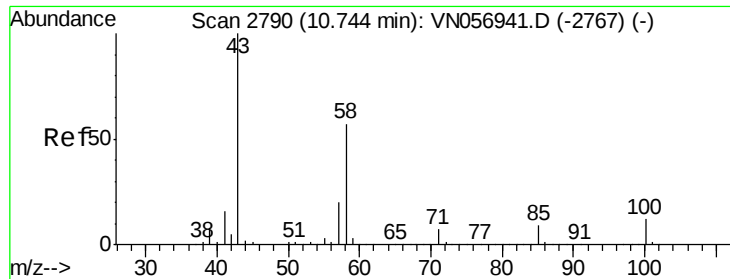
200000

100000

0

Time-->

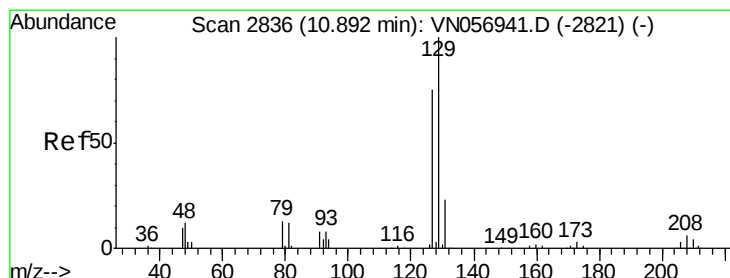
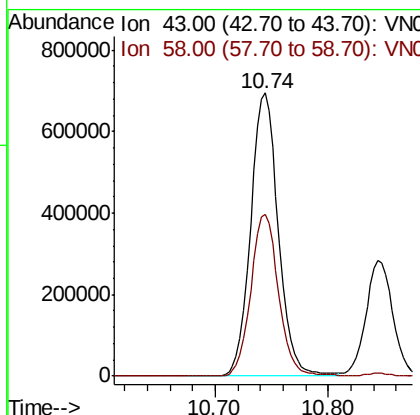
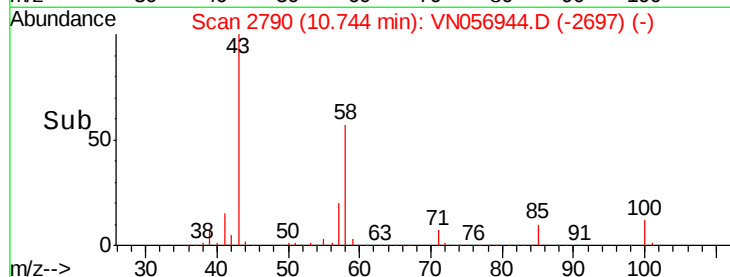
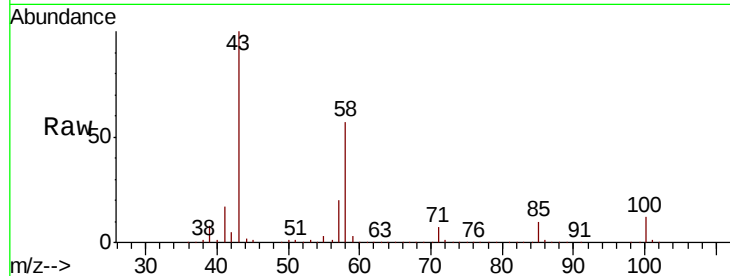




#59
2-Hexanone
Concen: 238.167 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

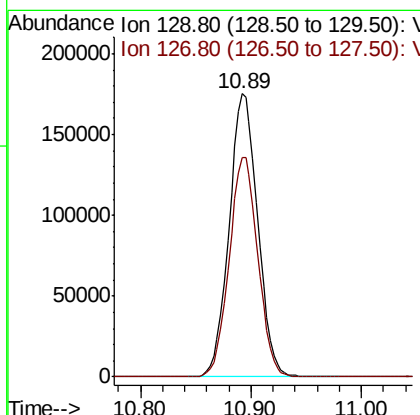
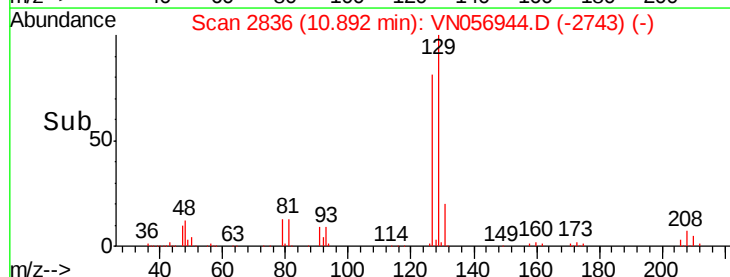
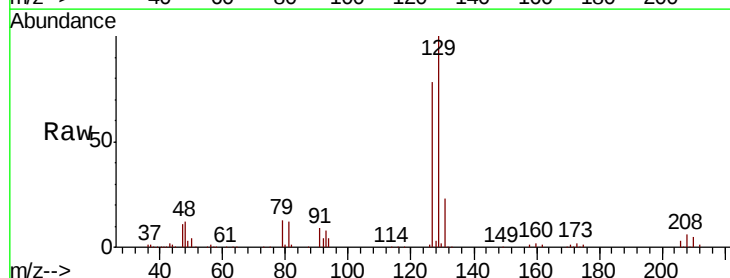
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

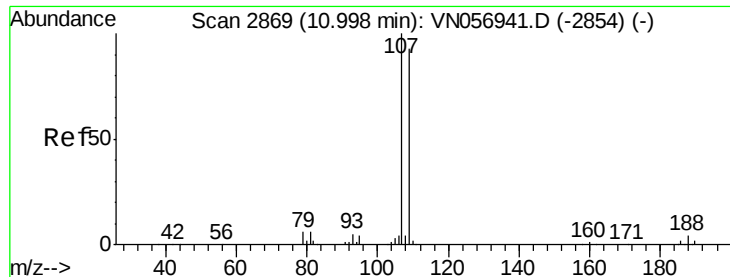
Tot Ion: 43 Resp: 1177508
Ion Ratio Lower Upper
43 100
58 57.6 28.5 85.5



#60
Dibromochloromethane
Concen: 50.595 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 129 Resp: 314152
Ion Ratio Lower Upper
129 100
127 77.7 38.0 113.9

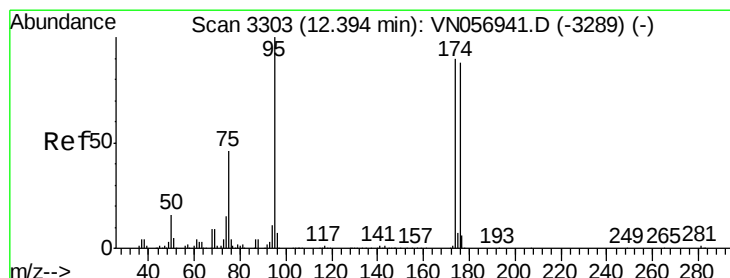
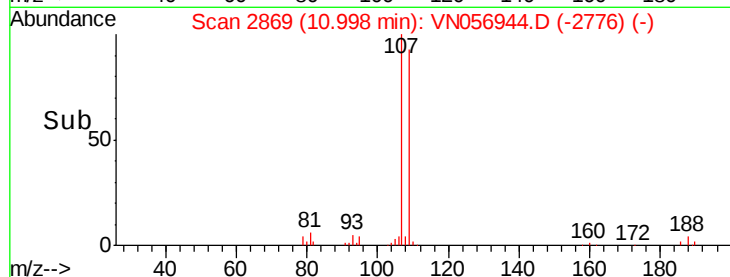
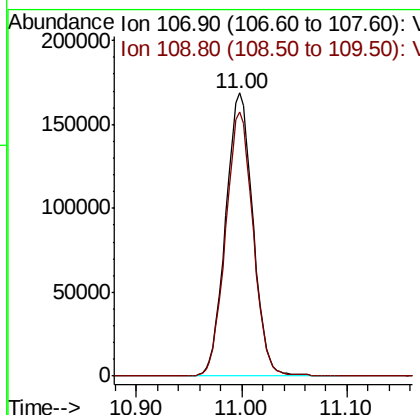
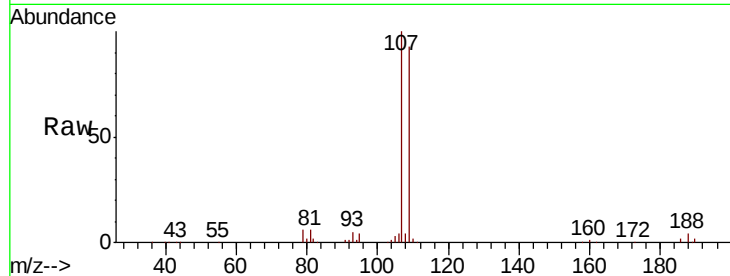




#61
 1,2-Dibromoethane
 Concen: 51.081 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

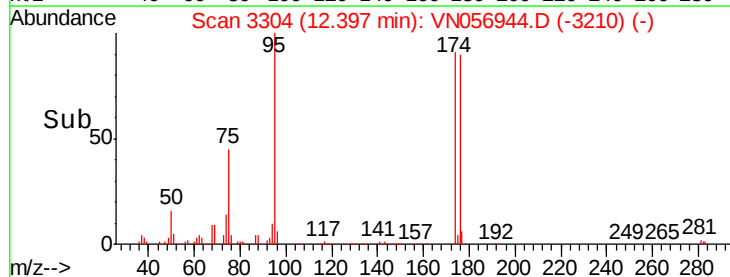
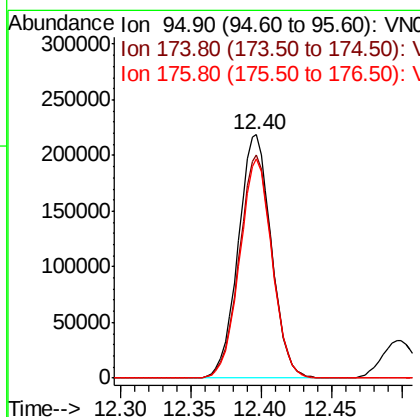
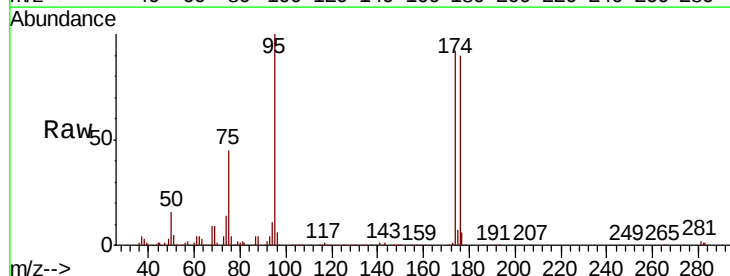
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

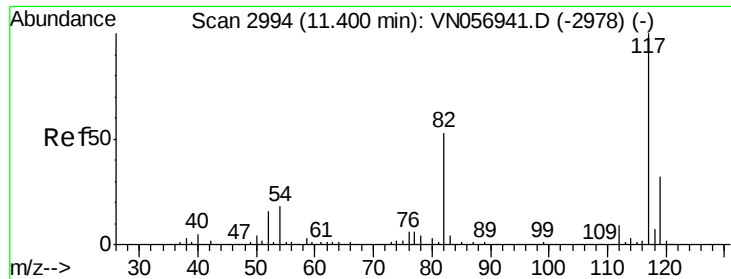
Tot Ion: 107 Resp: 302113
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 48.692 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 95 Resp: 359143
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 182.2
 176 88.6 0.0 179.4

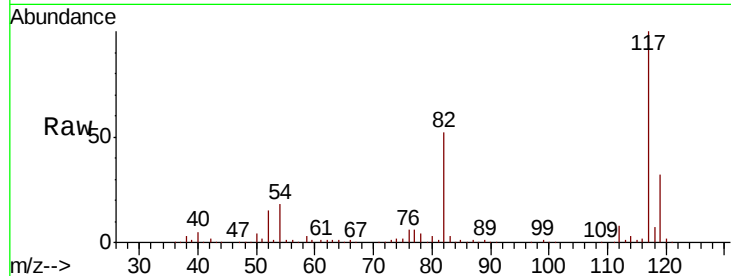




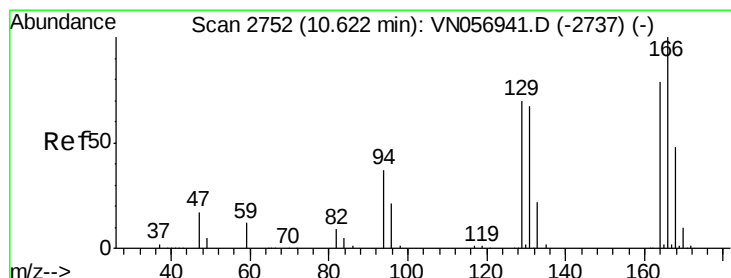
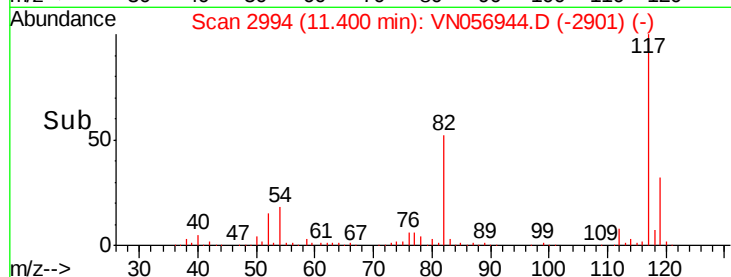
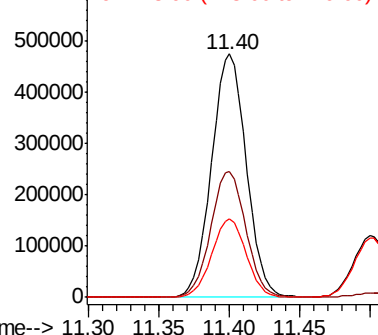
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

Tot Ion:117 Resp: 821634
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.4
119 32.1 25.8 38.6

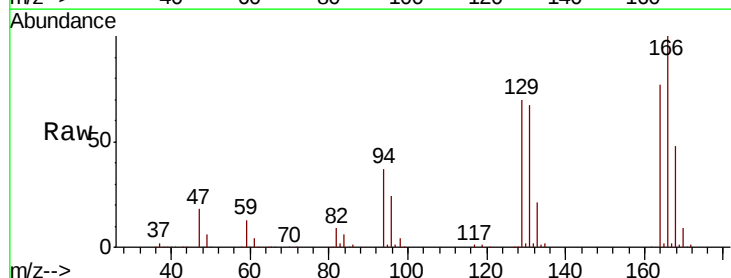


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

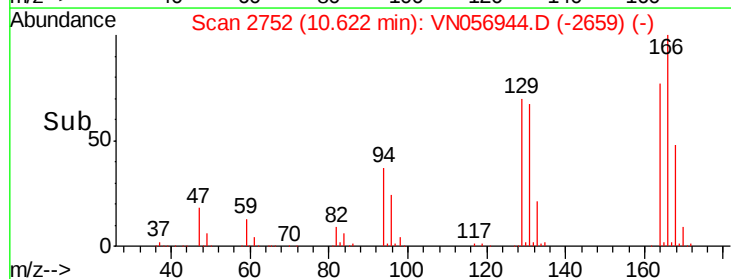
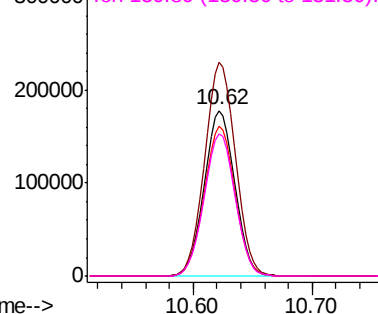


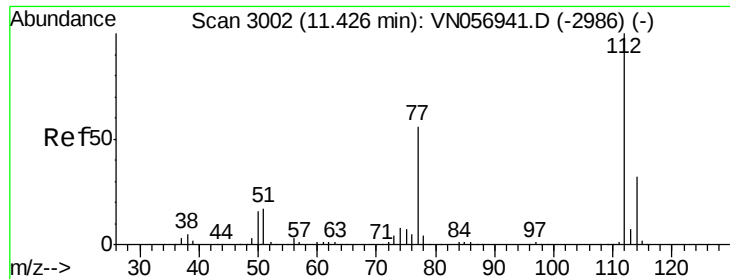
#64
Tetrachloroethene
Concen: 44.747 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion:164 Resp: 316829
Ion Ratio Lower Upper
164 100
166 129.1 101.1 151.7
129 90.6 70.9 106.3
131 86.3 67.7 101.5



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

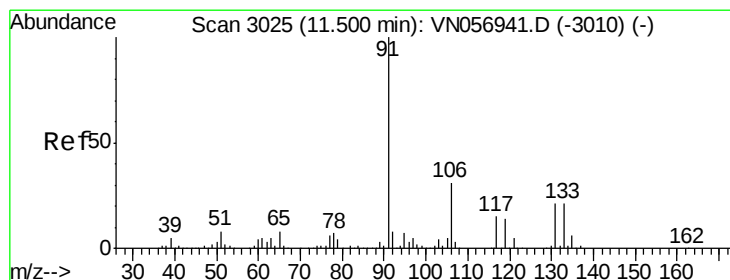
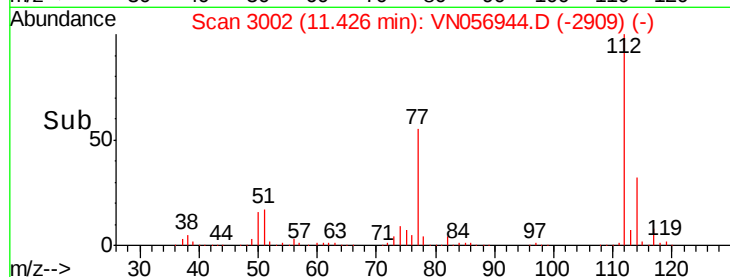
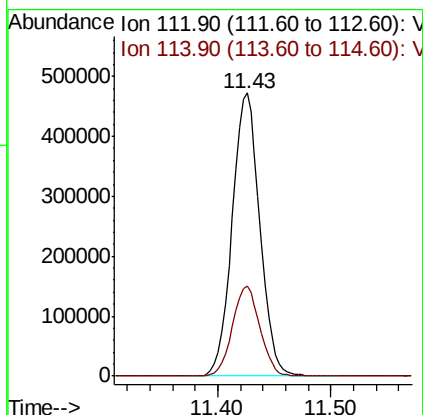
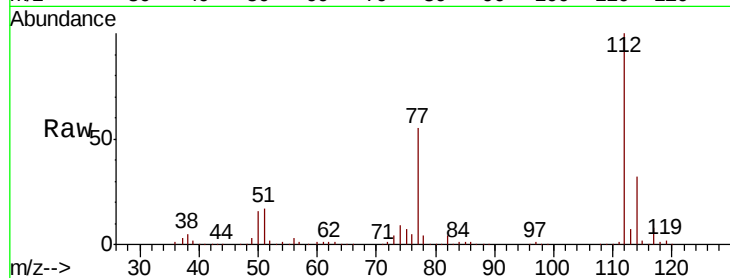




#65
Chlorobenzene
Concen: 47.812 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

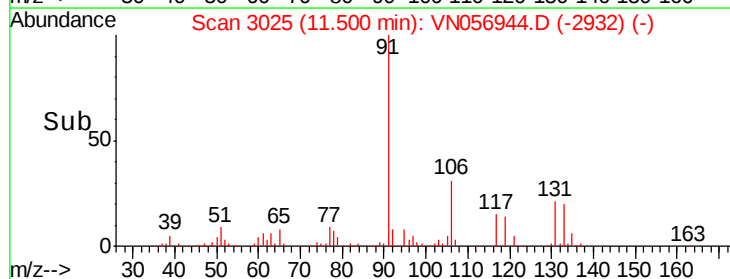
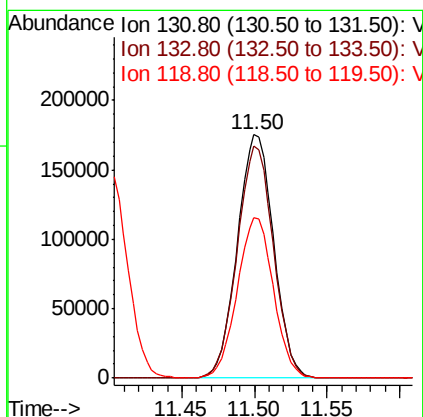
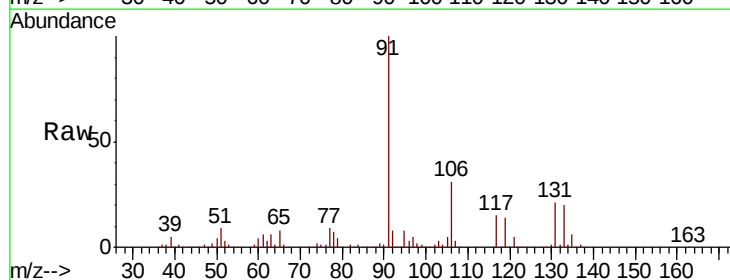
Instrument :
MSVOA_N
ClientSampled :
ICVVN072719

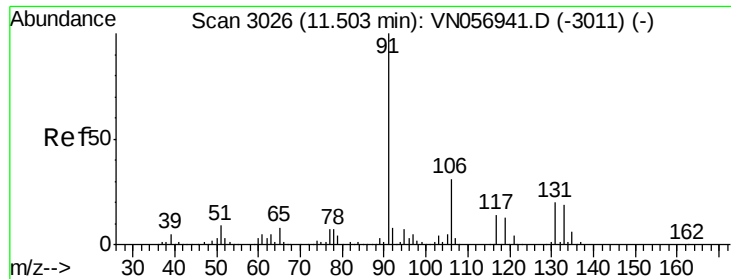
Tot Ion:112 Resp: 800653
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.444 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion:131 Resp: 305337
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 65.6 33.2 99.6

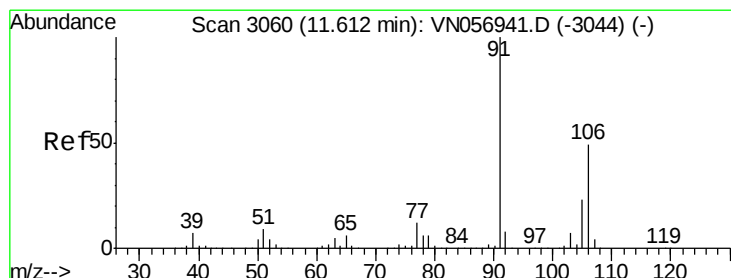
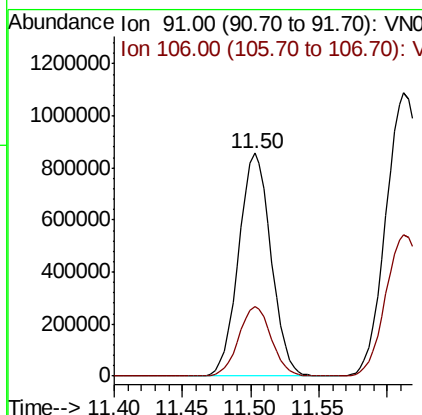
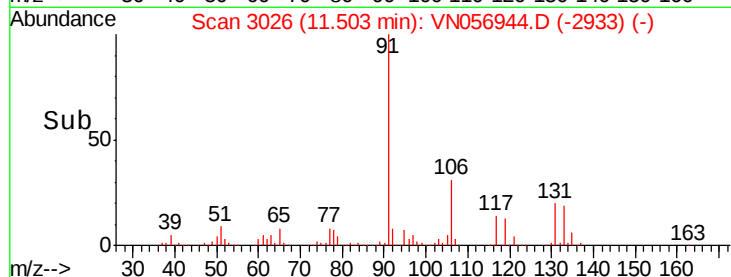
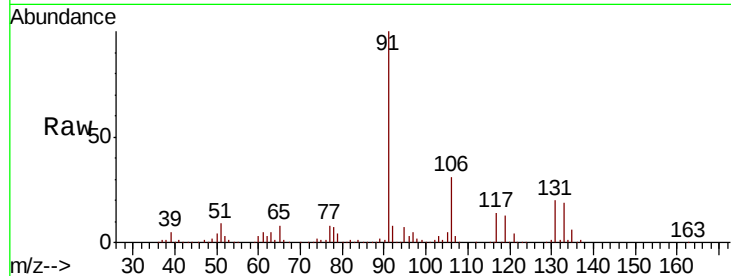




#67
Ethyl Benzene
Concen: 48.858 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

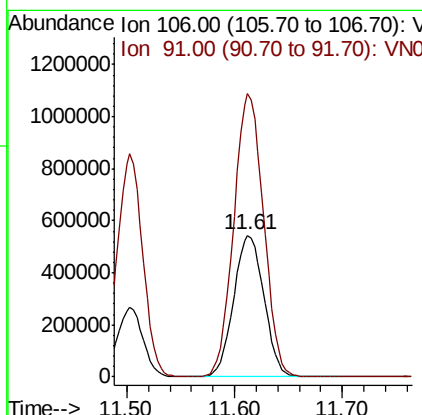
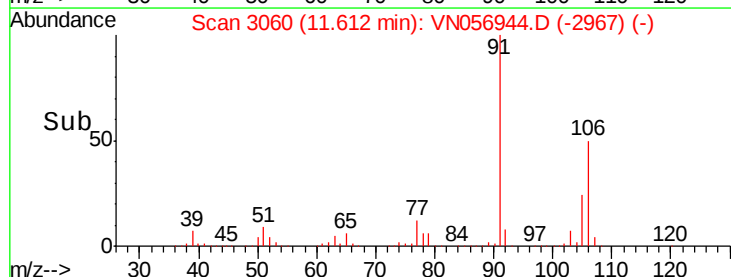
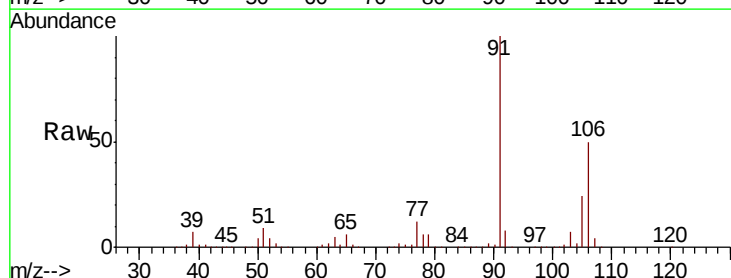
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

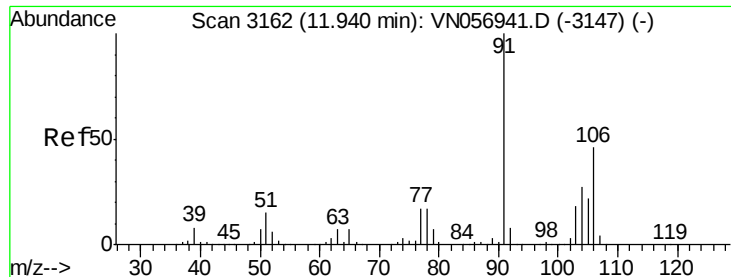
Tot Ion: 91 Resp: 1414063
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 99.325 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 106 Resp: 1060922
Ion Ratio Lower Upper
106 100
91 197.7 160.0 240.0

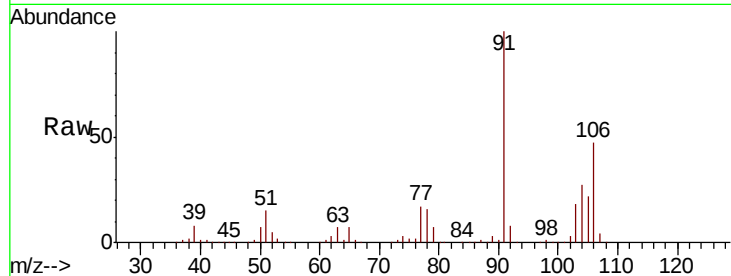




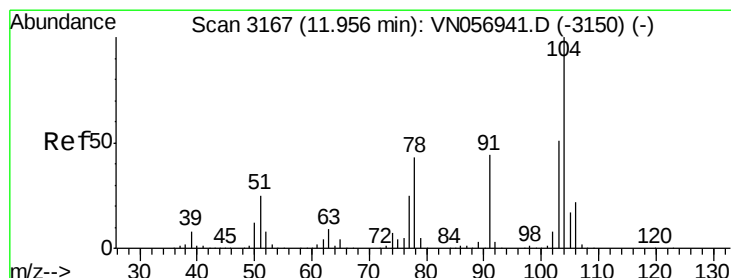
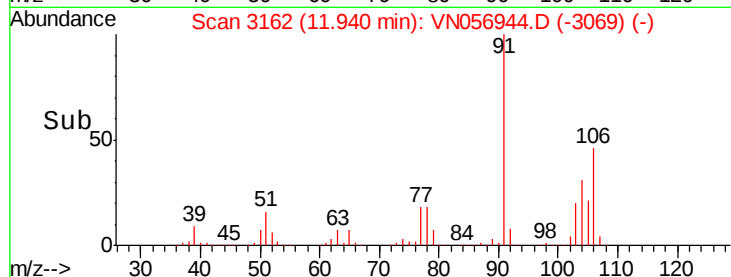
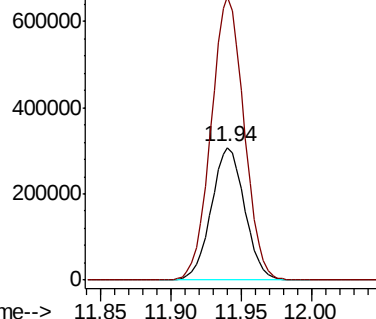
#69
o-Xylene
Concen: 48.629 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

Tot Ion:106 Resp: 508176
Ion Ratio Lower Upper
106 100
91 211.8 106.2 318.6

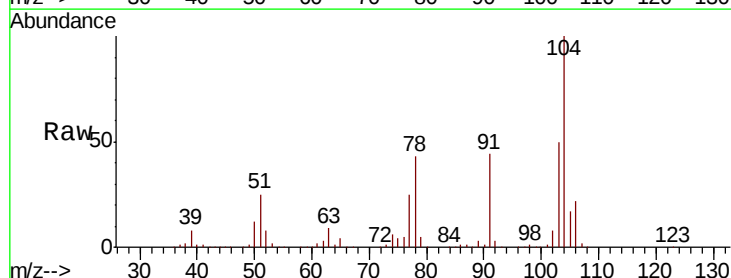


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

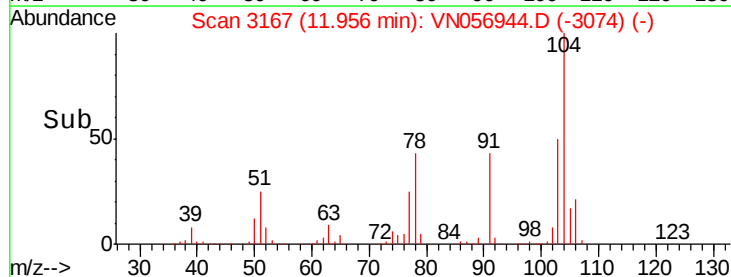
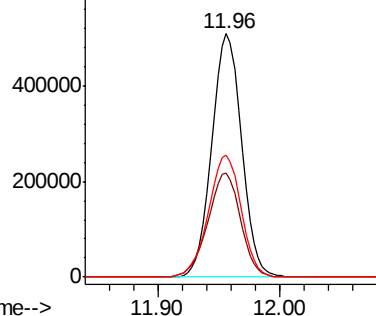


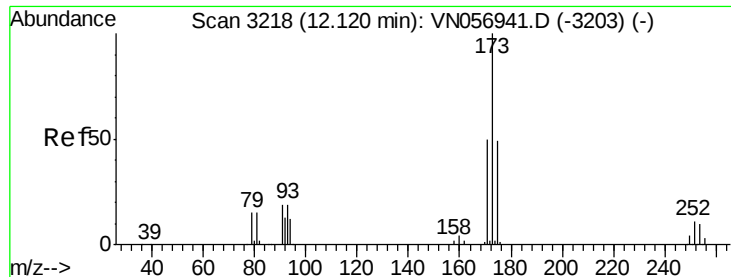
#70
Styrene
Concen: 46.583 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion:104 Resp: 857975
Ion Ratio Lower Upper
104 100
78 46.9 38.1 57.1
103 54.9 44.3 66.5



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

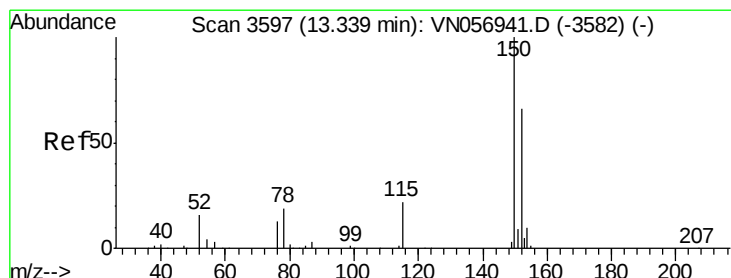
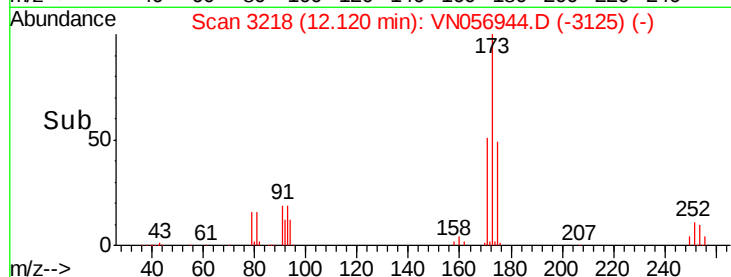
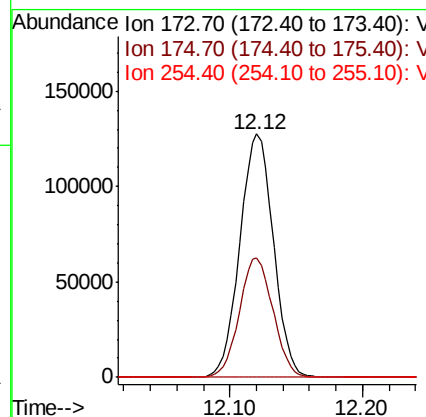
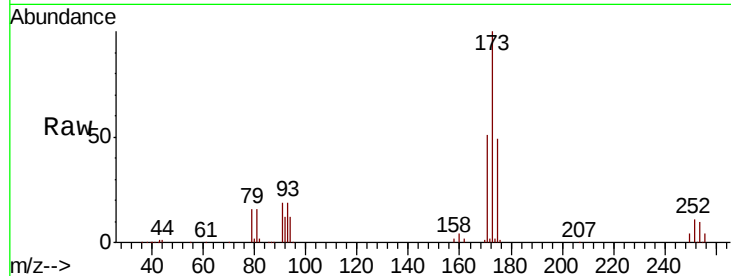




#71
Bromoform
Concen: 50.866 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

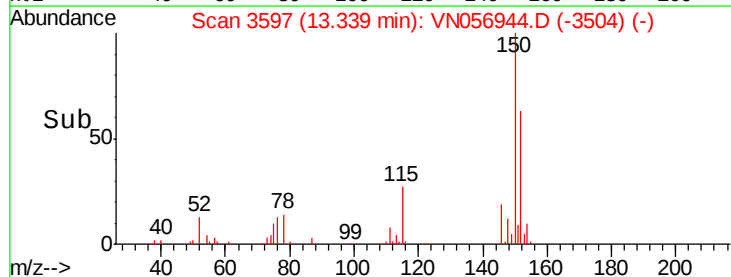
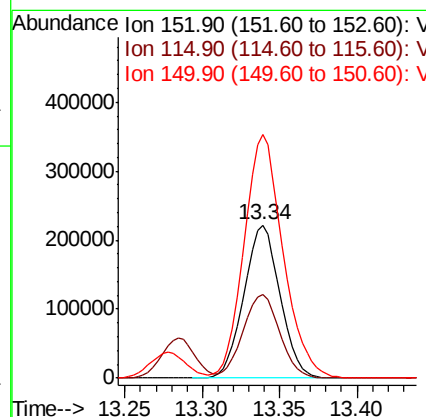
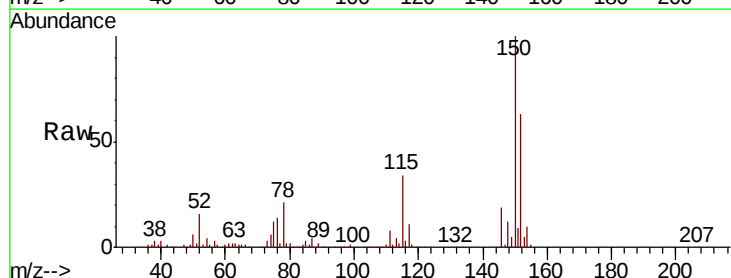
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

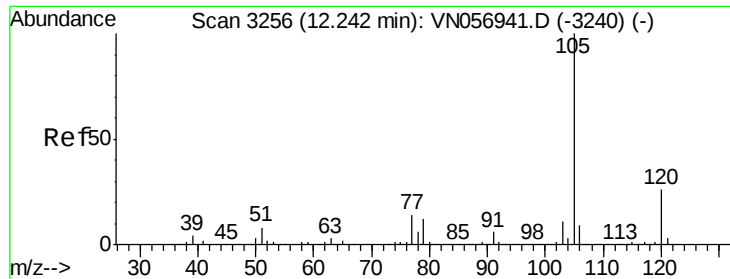
Tot Ion:173 Resp: 223838
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion:152 Resp: 359332
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.6
150 171.9 0.0 349.4





#73

Isopropylbenzene

Concen: 44.143 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

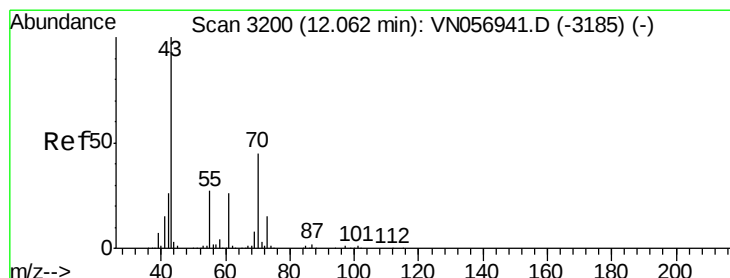
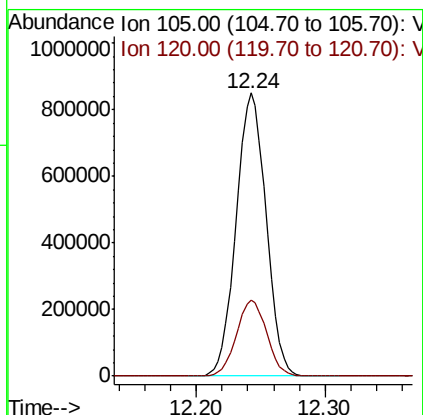
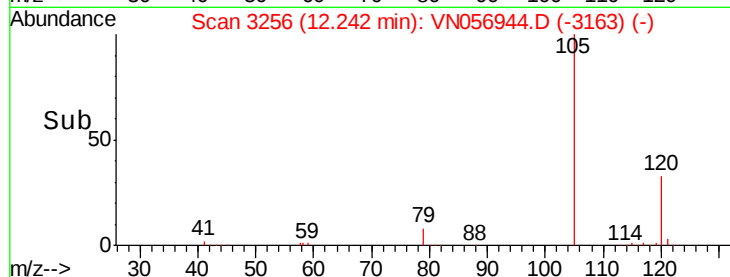
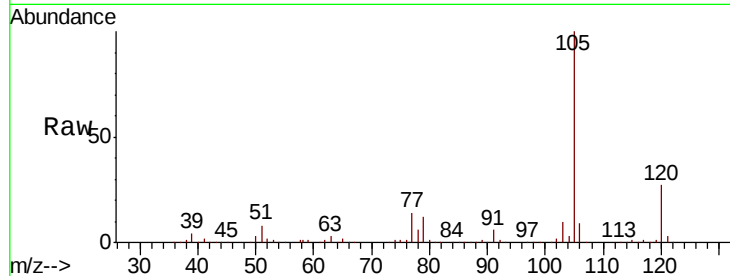
ICVVN072719

Tot Ion:105 Resp: 1370852

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 47.982 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Tgt Ion: 43 Resp: 432663

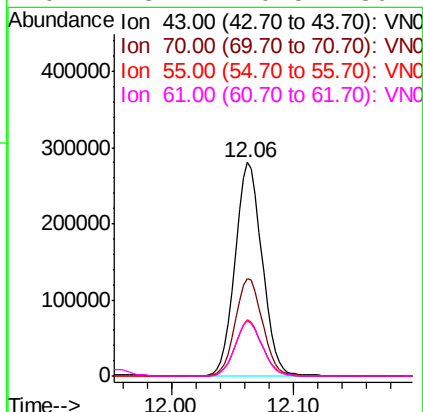
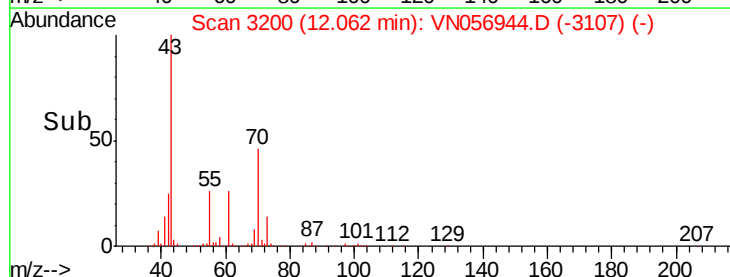
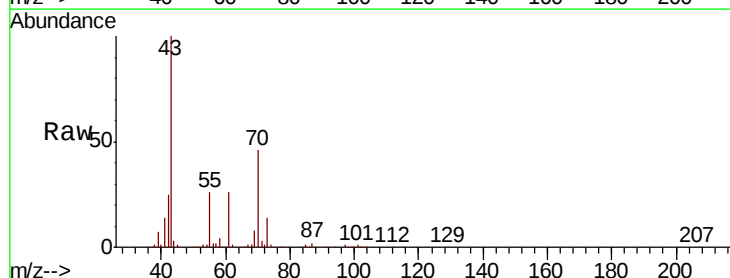
Ion Ratio Lower Upper

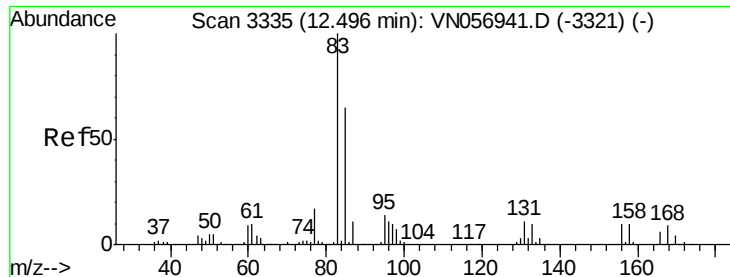
43 100

70 46.0 36.5 54.7

55 26.0 21.4 32.0

61 25.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.682 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

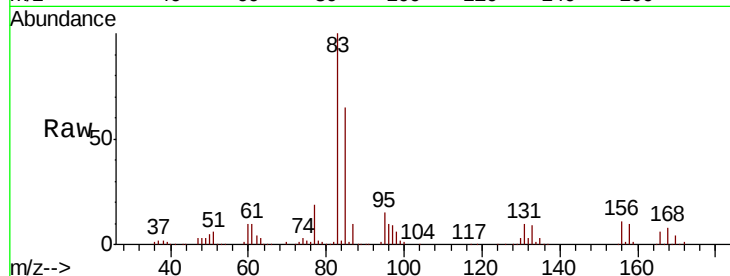
Tot Ion: 83 Resp: 390102

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

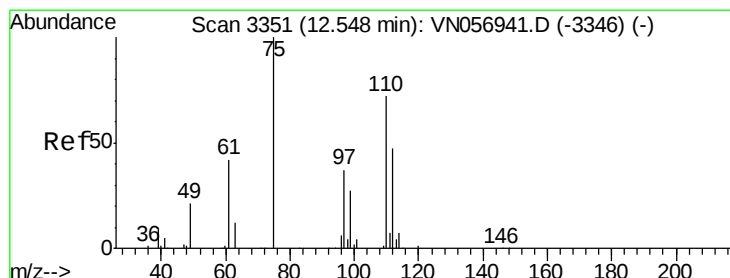
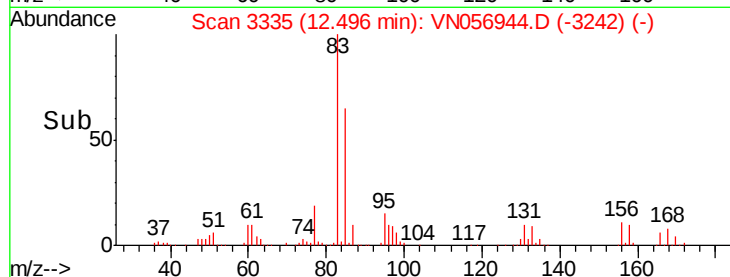
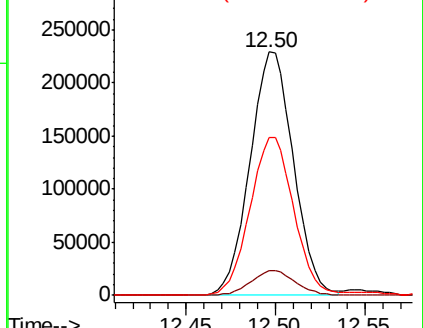
85 65.2 32.5 97.4



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: 64.236 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056944.D

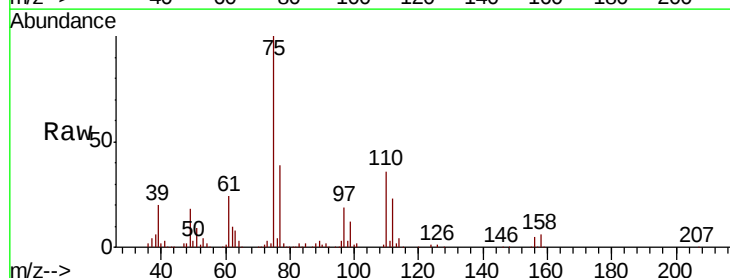
Acq: 26 Jul 2019 15:57

Tgt Ion: 75 Resp: 468758

Ion Ratio Lower Upper

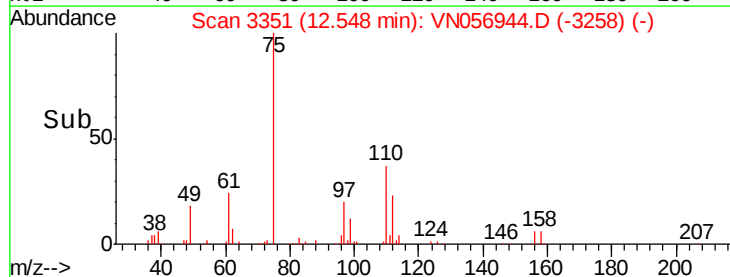
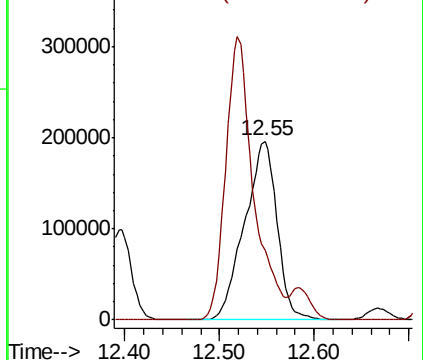
75 100

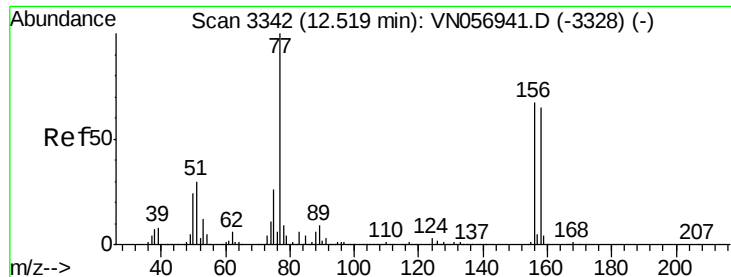
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 43.799 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

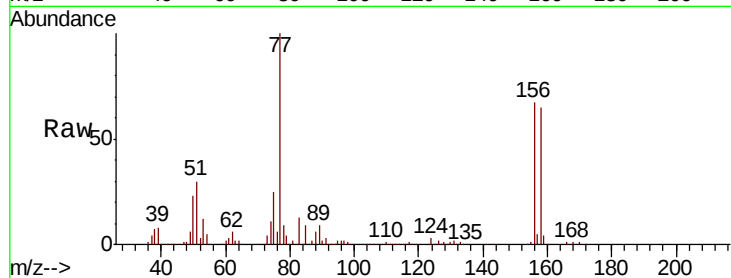
Tot Ion:156 Resp: 354996

Ion Ratio Lower Upper

156 100

77 179.9 89.5 268.5

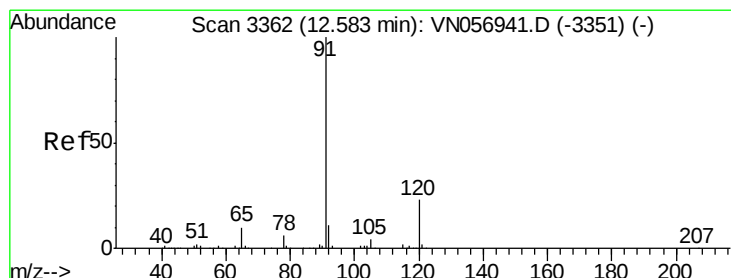
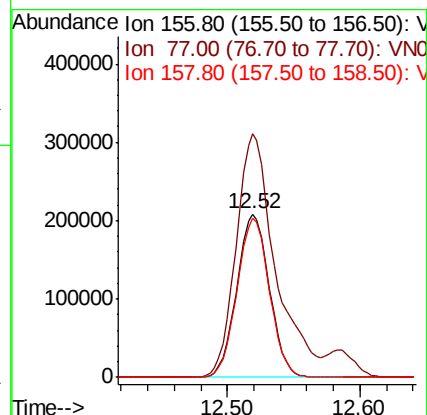
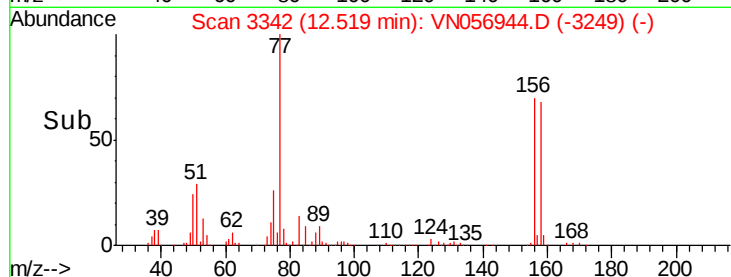
158 97.1 48.4 145.3



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: 45.888 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN056944.D

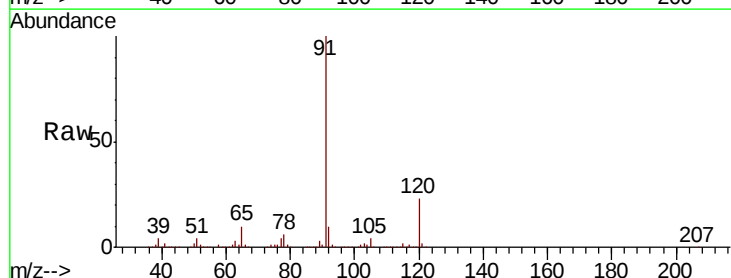
Acq: 26 Jul 2019 15:57

Tgt Ion: 91 Resp: 1521590

Ion Ratio Lower Upper

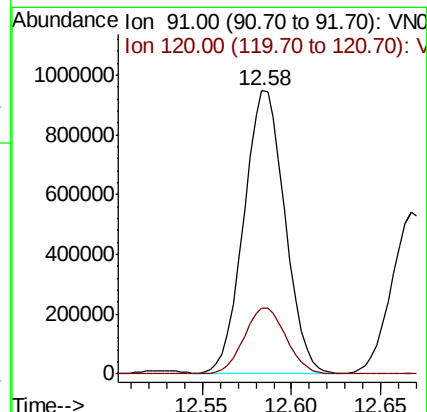
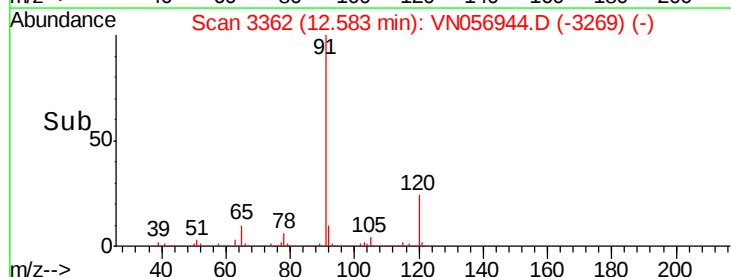
91 100

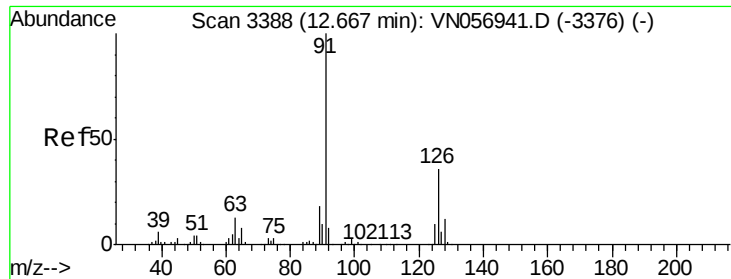
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

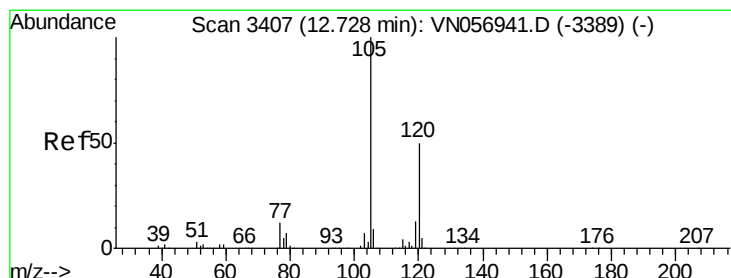
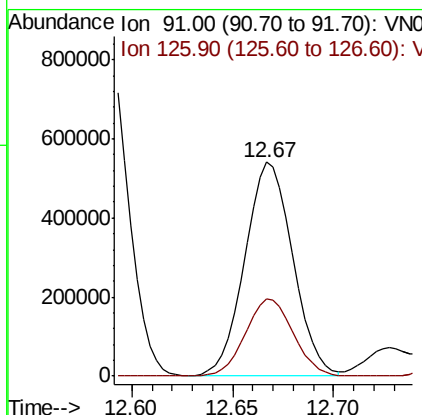
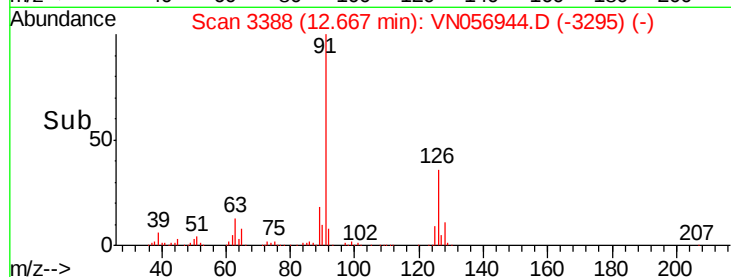
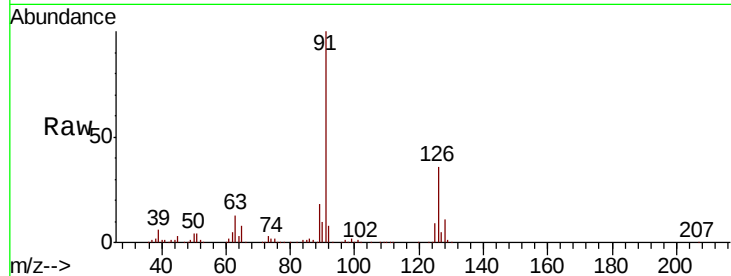




#79
 2-Chlorotoluene
 Concen: 44.003 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

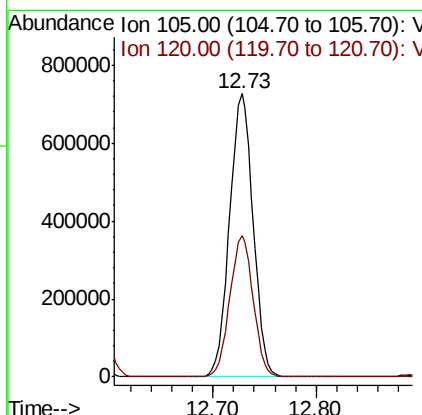
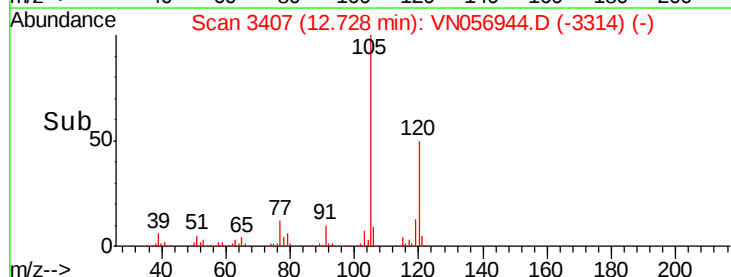
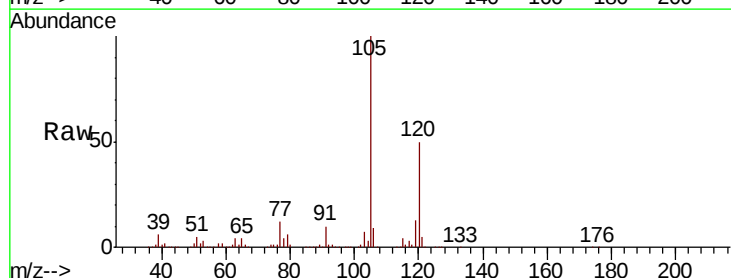
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

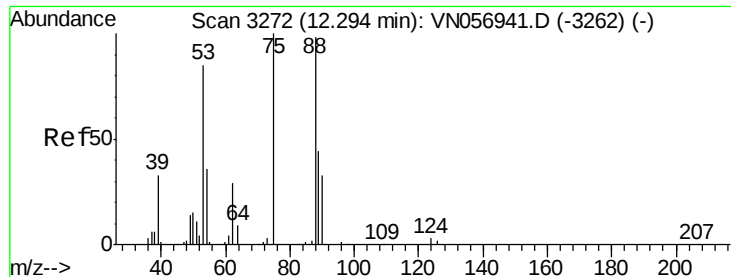
Tot Ion: 91 Resp: 898443
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.376 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 105 Resp: 1156528
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.780 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

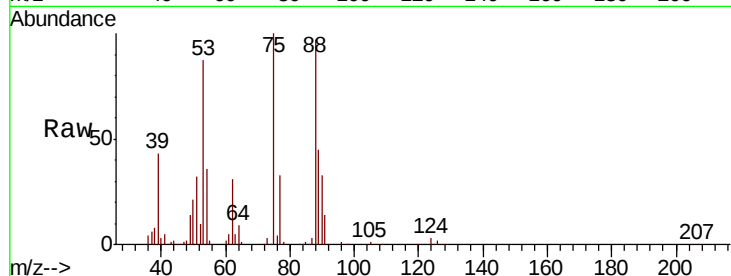
Tot Ion: 75 Resp: 113063

Ion Ratio Lower Upper

75 100

53 86.6 69.3 103.9

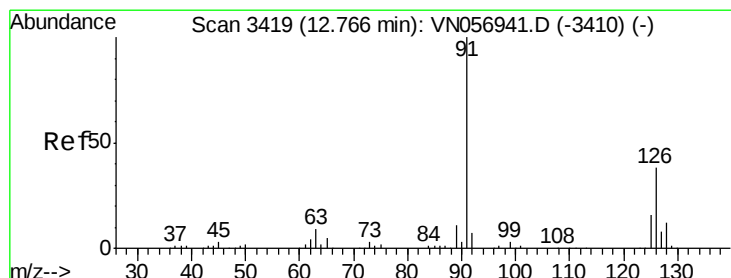
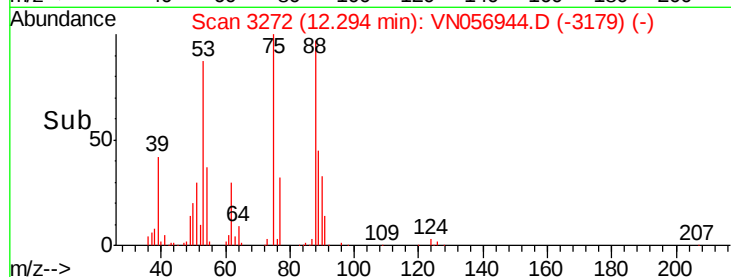
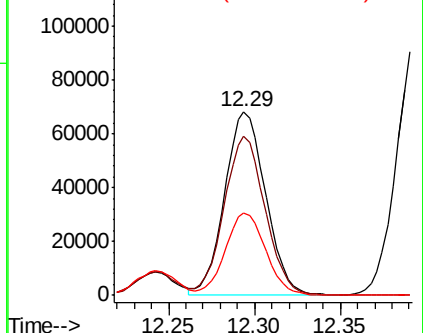
89 44.2 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.002 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN056944.D

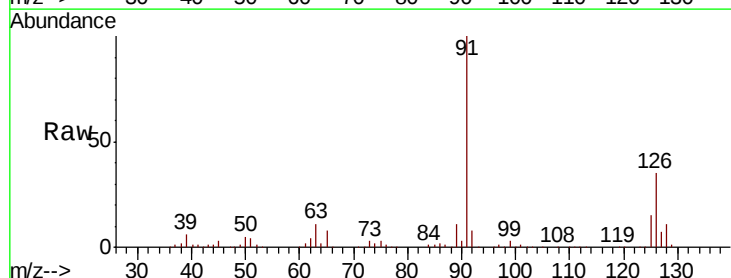
Acq: 26 Jul 2019 15:57

Tgt Ion: 91 Resp: 878972

Ion Ratio Lower Upper

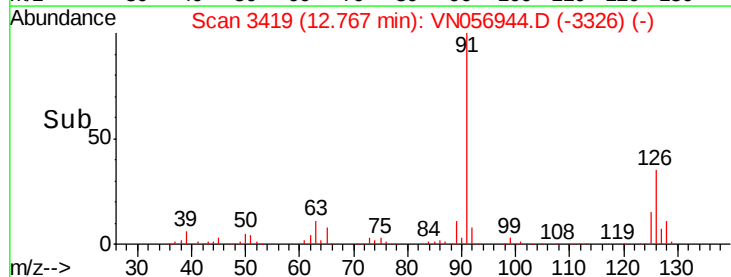
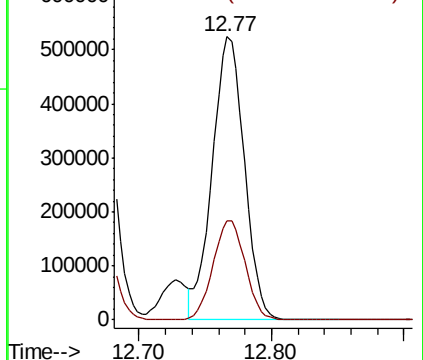
91 100

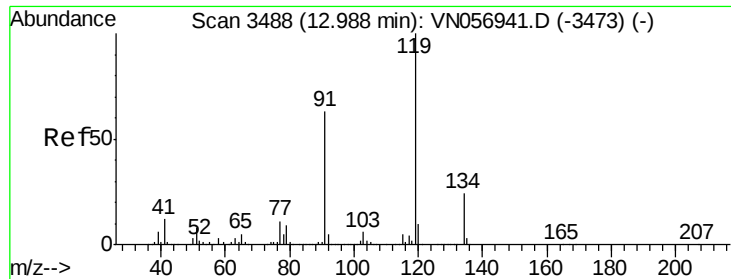
126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

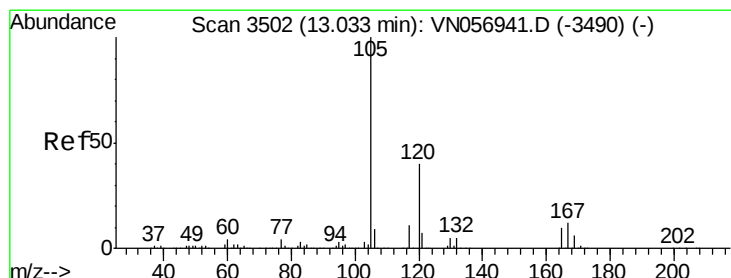
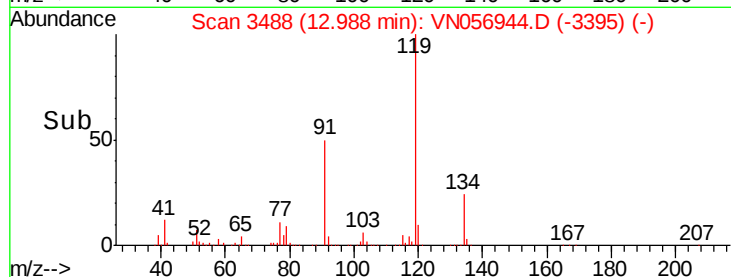
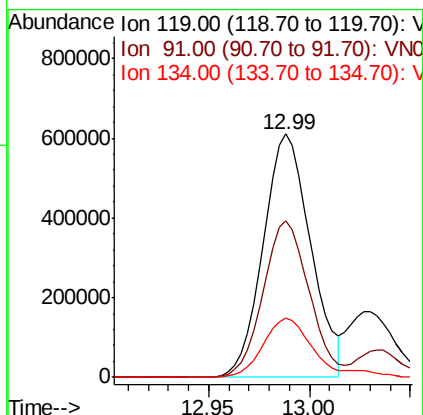
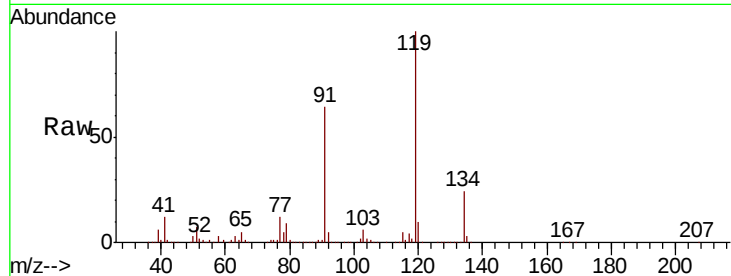




#83
 tert-Butylbenzene
 Concen: 44.322 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

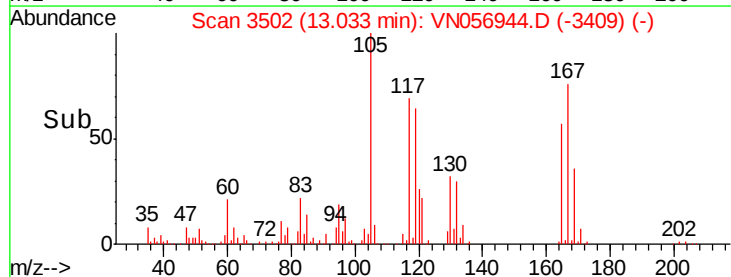
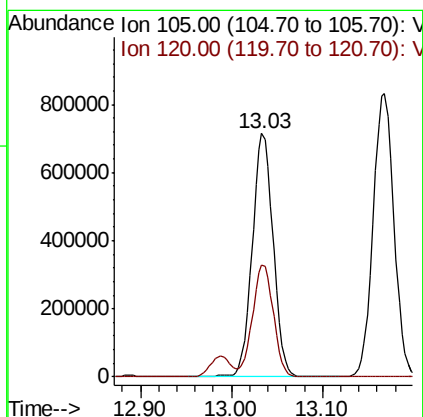
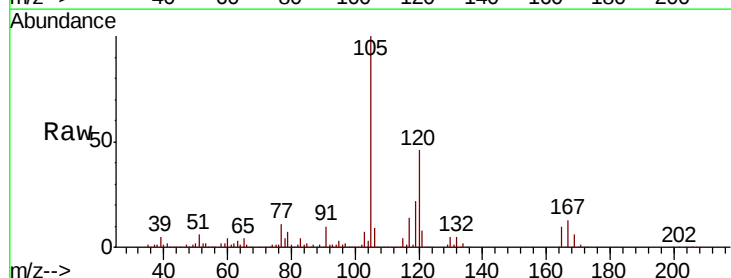
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

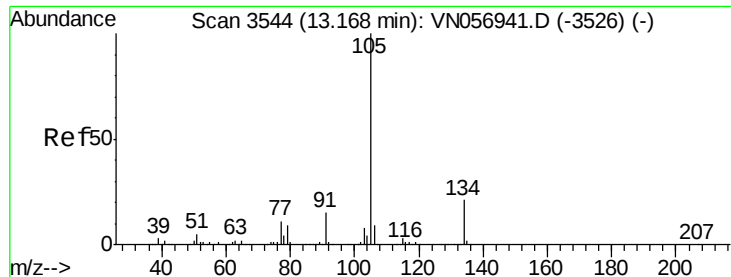
Tot Ion:119 Resp: 1000040
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.3 93.8
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 46.408 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:105 Resp: 1138145
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.310 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

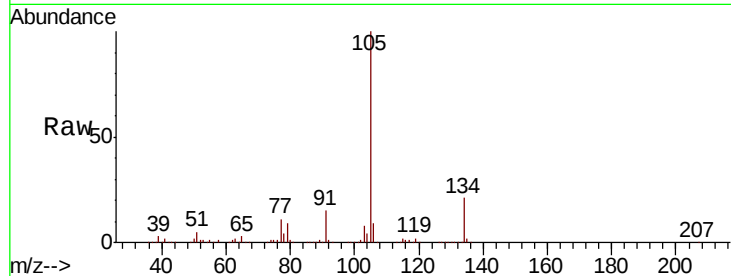
ICVVN072719

Tot Ion:105 Resp: 1318666

Ion Ratio Lower Upper

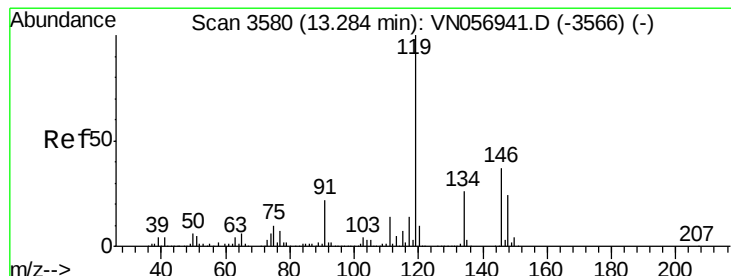
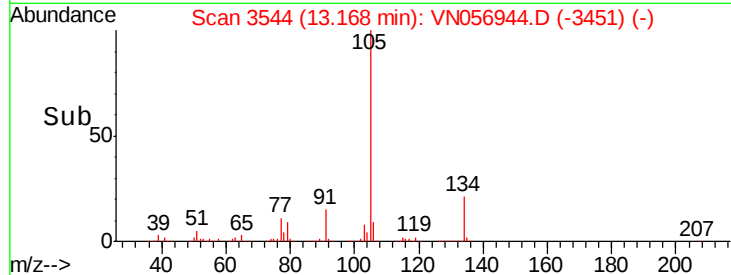
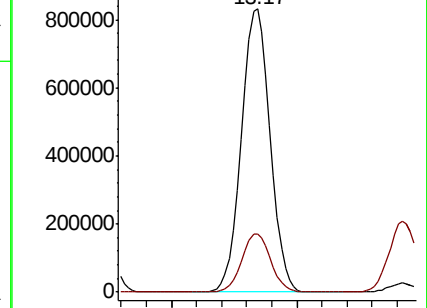
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.269 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

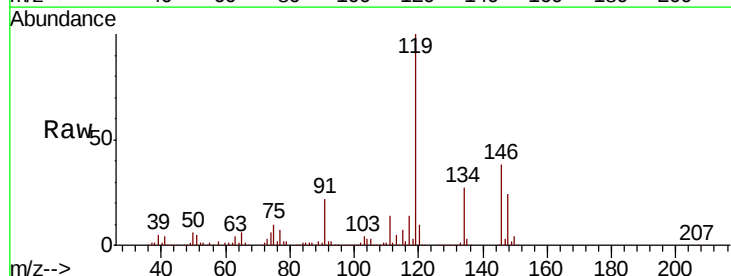
Tgt Ion:119 Resp: 1195537

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

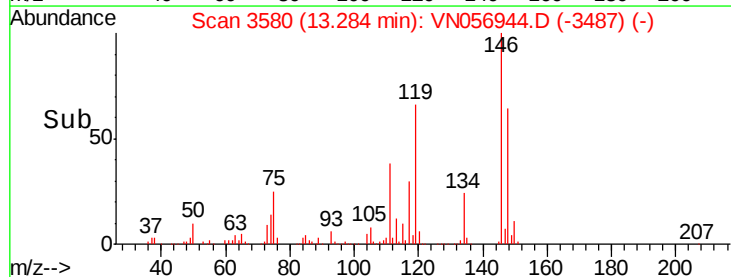
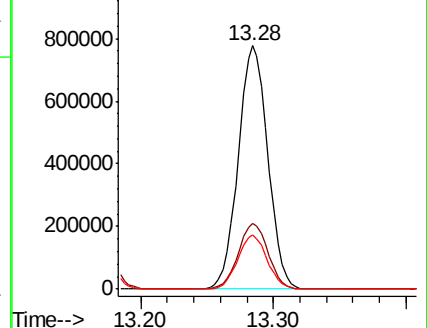
91 22.0 11.0 33.0

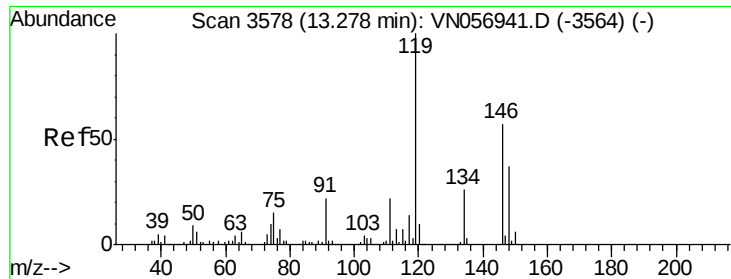


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

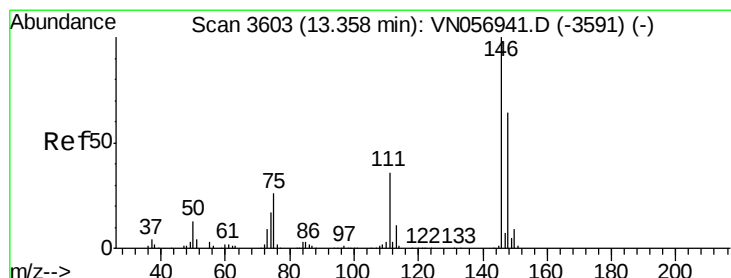
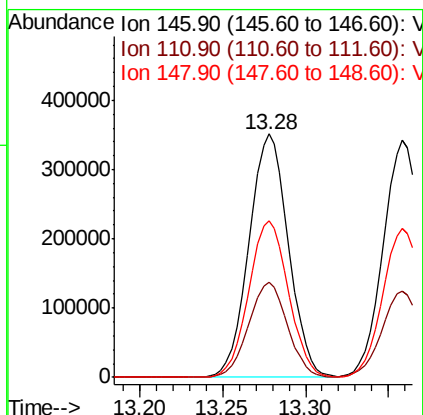
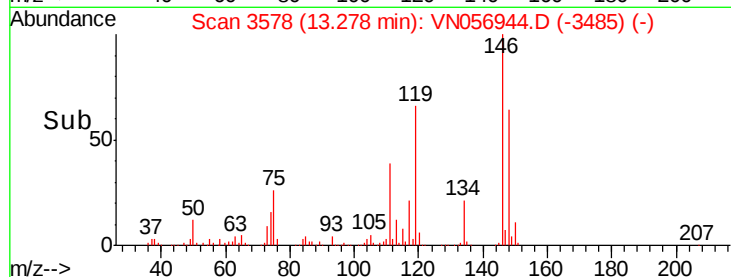
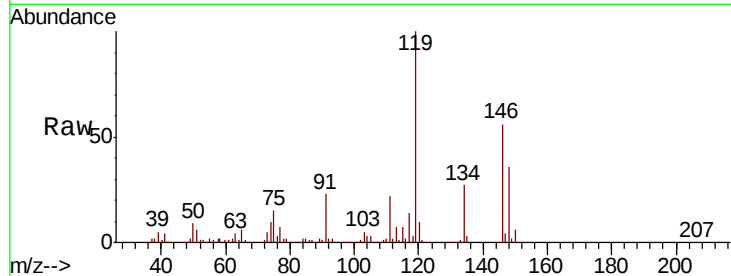




#87
 1,3-Dichlorobenzene
 Concen: 47.165 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

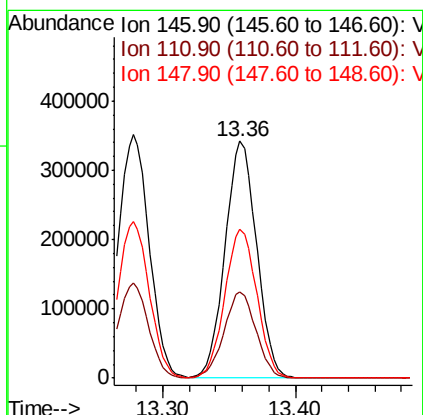
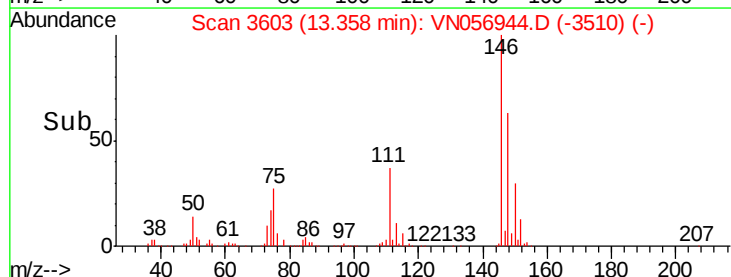
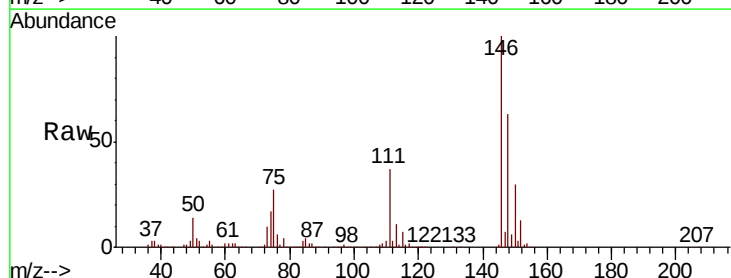
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

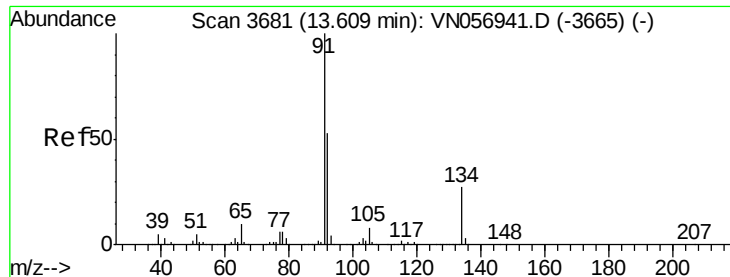
Tot Ion:146 Resp: 581494
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.8
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 47.446 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:146 Resp: 563129
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.2
 148 64.1 32.3 96.9

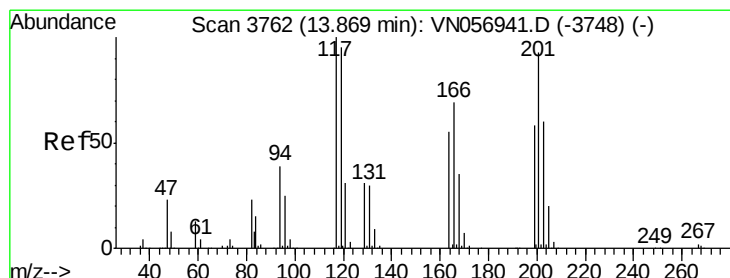
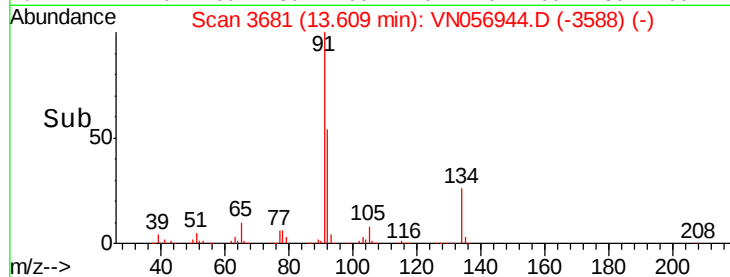
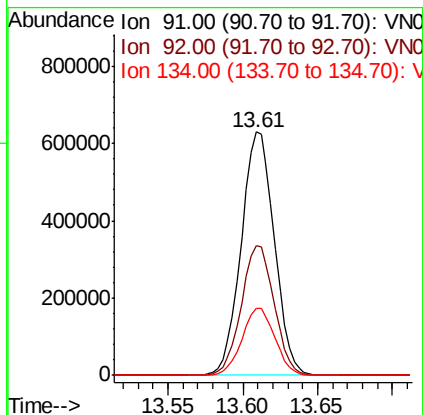
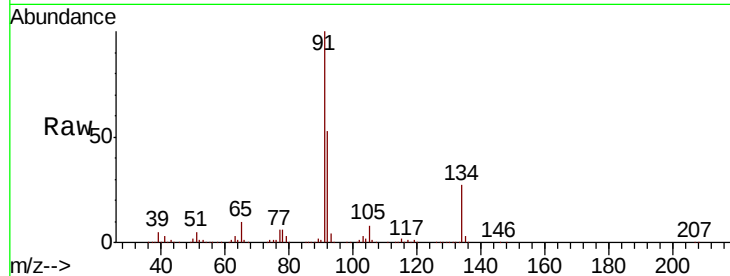




#89
n-Butylbenzene
Concen: 48.700 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

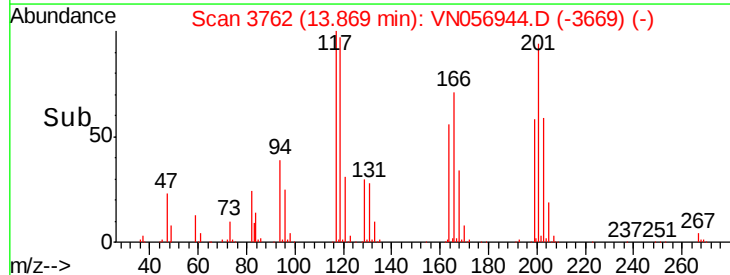
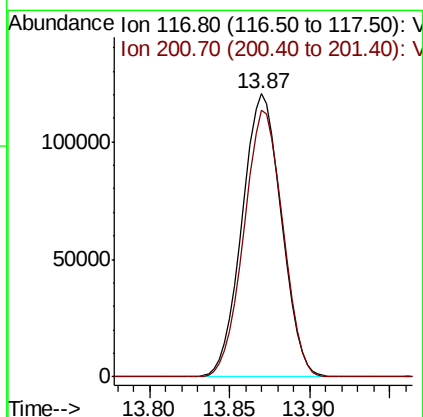
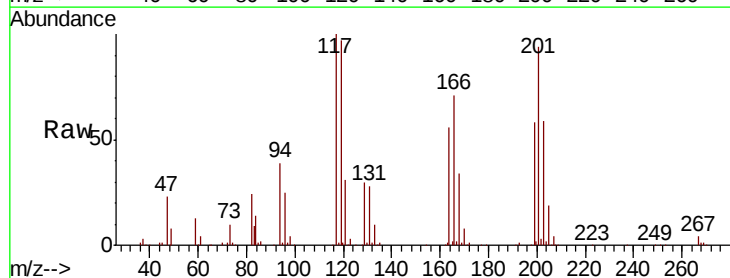
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072719

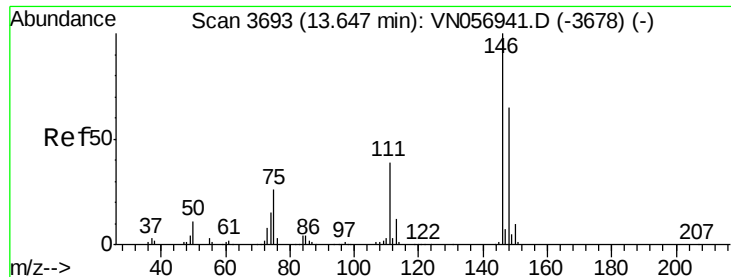
Tot Ion: 91 Resp: 969804
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 27.3 13.5 40.4



#90
Hexachloroethane
Concen: 45.459 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 117 Resp: 202256
Ion Ratio Lower Upper
117 100
201 93.2 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 47.298 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072719

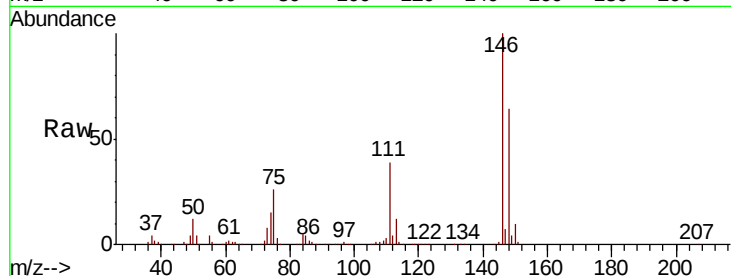
Tot Ion:146 Resp: 573922

Ion Ratio Lower Upper

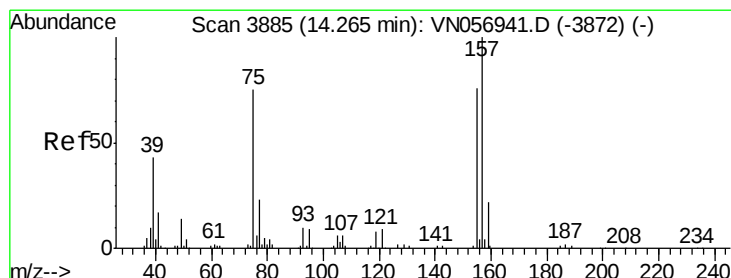
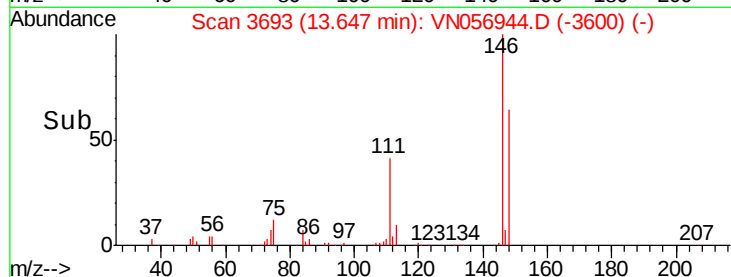
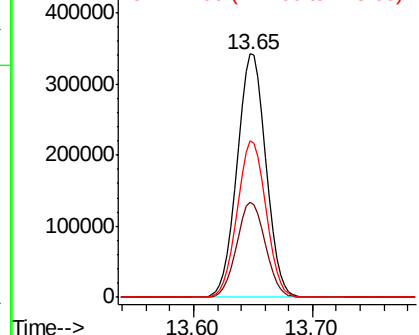
146 100

111 39.0 19.4 58.4

148 64.4 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.967 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN056944.D

Acq: 26 Jul 2019 15:57

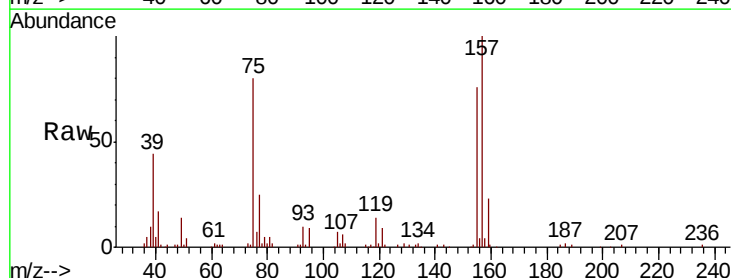
Tgt Ion: 75 Resp: 61717

Ion Ratio Lower Upper

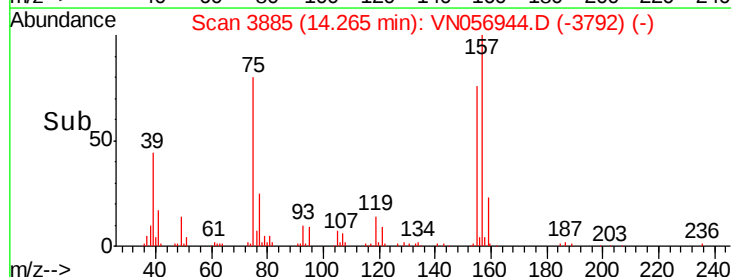
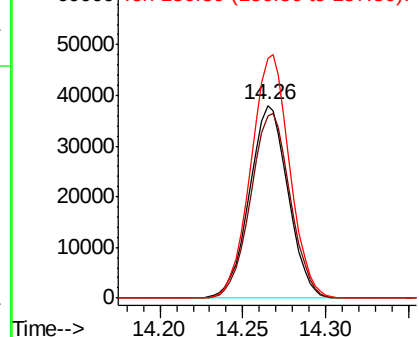
75 100

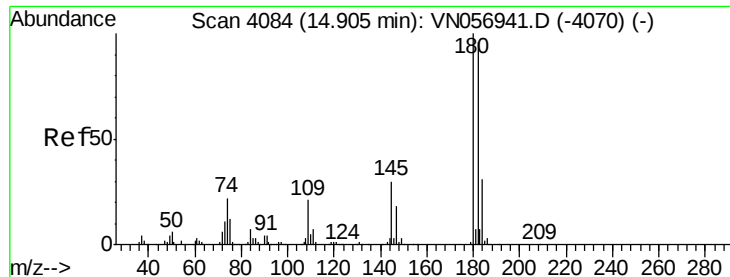
155 98.0 50.2 150.6

157 126.9 65.1 195.4



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

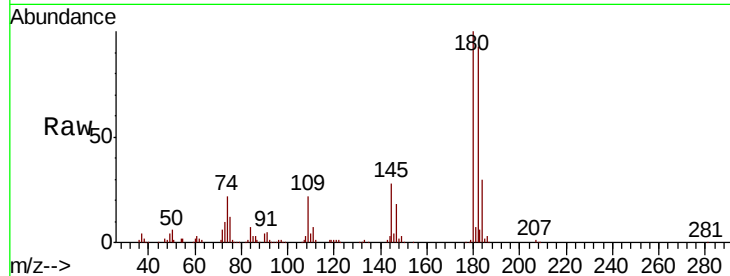




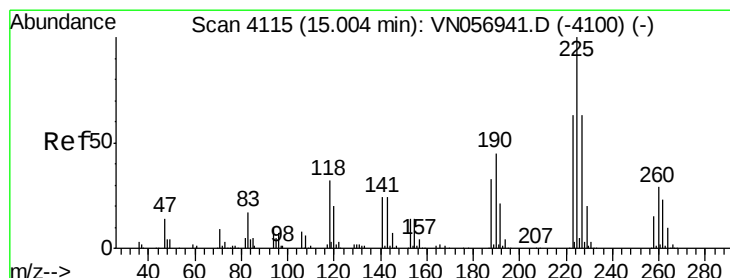
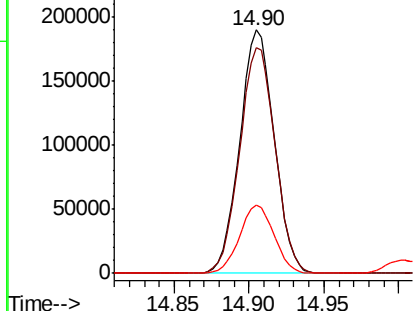
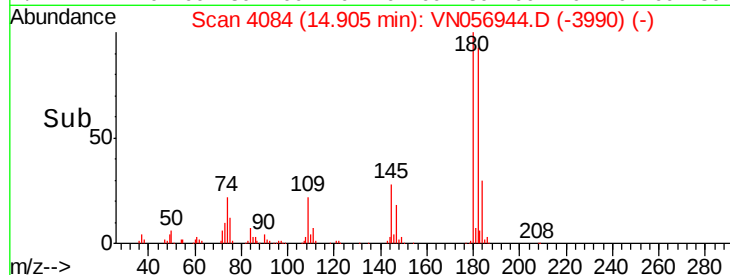
#93
 1,2,4-Trichlorobenzene
 Concen: 48.752 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072719

Tot Ion:180 Resp: 304724
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.8
 145 28.2 14.2 42.8

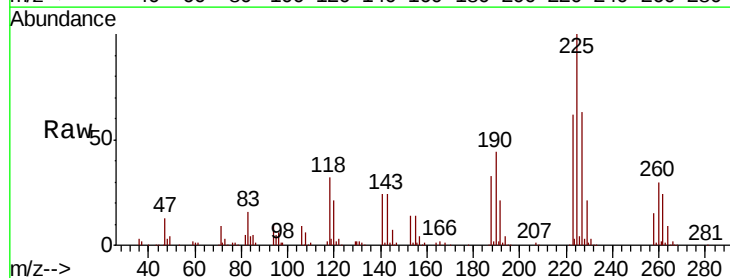


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

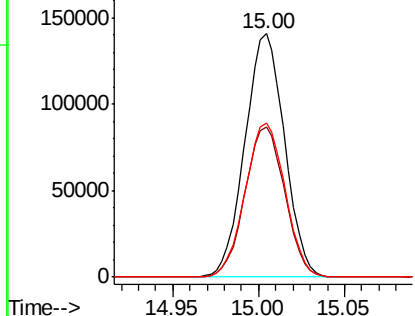
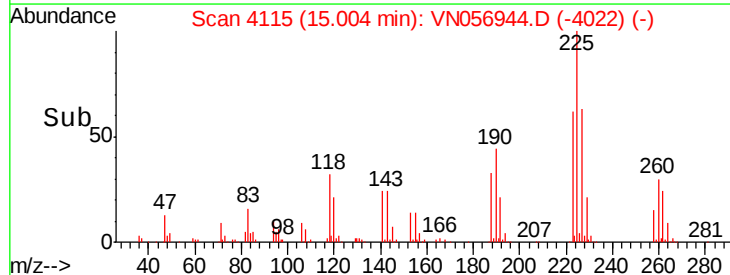


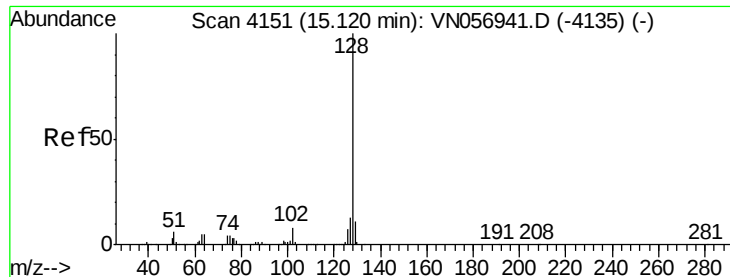
#94
 Hexachlorobutadiene
 Concen: 53.328 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056944.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:225 Resp: 225098
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.8 92.4
 227 63.8 31.1 93.5



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

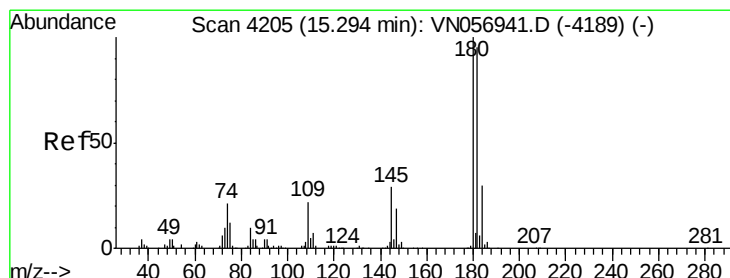
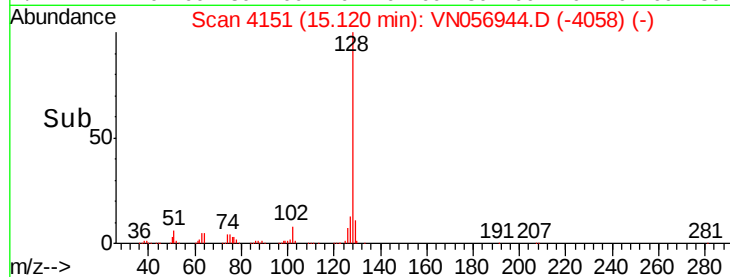
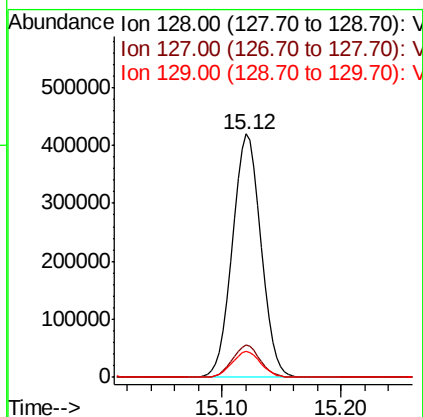
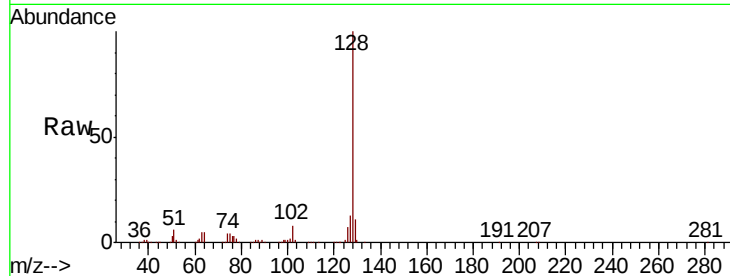




#95
Naphthalene
Concen: 45.977 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Instrument :
MSVOA_N
ClientSampled :
ICVVN072719

Tot Ion:128 Resp: 697207
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.819 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN056944.D
Acq: 26 Jul 2019 15:57

Tgt Ion:180 Resp: 301896
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 29.6 15.0 45.0

