

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057574.D
 Acq On : 30 Aug 2019 1:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 12:12:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	712133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	717858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	367962	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
35) Dibromofluoromethane	7.58	113	290228	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	1255999	55.59	ug/l	0.00
Spiked Amount			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.40	95	429656	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	244265	51.733	ug/l	94
3) Chloromethane	2.06	50	227687	48.298	ug/l	97
4) Vinyl Chloride	2.18	62	358730	51.580	ug/l	99
5) Bromomethane	2.55	94	325095	54.284	ug/l	99
6) Chloroethane	2.69	64	247128	52.999	ug/l	98
7) Trichlorofluoromethane	3.01	101	787442	54.511	ug/l	99
8) Diethyl Ether	3.40	74	252064	52.517	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.74	101	449004	53.072	ug/l #	84
10) Methyl Iodide	3.93	142	767871	55.447	ug/l	93
11) Tert butyl alcohol	4.80	59	158710	234.002	ug/l	97
12) 1,1-Dichloroethene	3.72	96	435381	54.685	ug/l #	73
13) Acrolein	3.59	56	148327	255.406	ug/l	99
14) Allyl chloride	4.30	41	294648	50.561	ug/l #	85
15) Acrylonitrile	4.98	53	427123	254.343	ug/l	99
16) Acetone	3.81	43	597810	215.033	ug/l	94
17) Carbon Disulfide	4.03	76	488527	44.885	ug/l	100
18) Methyl Acetate	4.31	43	211035	55.495	ug/l #	89
19) Methyl tert-butyl Ether	5.03	73	740499	48.826	ug/l	91
20) Methylene Chloride	4.53	84	237198	46.057	ug/l	83
21) trans-1,2-Dichloroethene	5.02	96	244033	48.999	ug/l	83
22) Diisopropyl ether	5.94	45	713628	54.625	ug/l #	91
23) Vinyl Acetate	5.88	43	2867727	280.916	ug/l #	91
24) 1,1-Dichloroethane	5.83	63	442515	51.442	ug/l	98
25) 2-Butanone	6.82	43	570913	260.169	ug/l #	84
26) 2,2-Dichloropropane	6.81	77	340193	38.733	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	304026	50.405	ug/l	81
28) Bromochloromethane	7.18	49	205468	56.822	ug/l #	59
29) Tetrahydrofuran	7.20	42	362970	264.495	ug/l #	76
30) Chloroform	7.36	83	536197	50.228	ug/l	98
31) Cyclohexane	7.64	56	406081	50.831	ug/l #	83
32) 1,1,1-Trichloroethane	7.56	97	496609	52.332	ug/l	95
36) 1,1-Dichloropropene	7.78	75	381496	49.522	ug/l	95
37) Ethyl Acetate	6.92	43	249321	48.848	ug/l #	93
38) Carbon Tetrachloride	7.76	117	422910	46.946	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	486204	49.605	ug/l #	88
40) Benzene	8.03	78	1187463	50.334	ug/l	100
41) Methacrylonitrile	7.20	41	357834	150.615	ug/l #	17
42) 1,2-Dichloroethane	8.11	62	431561	51.395	ug/l	99
43) Isopropyl Acetate	8.16	43	474801	49.838	ug/l #	93
44) Trichloroethene	8.82	130	331569	50.896	ug/l	82
45) 1,2-Dichloropropane	9.11	63	286999	52.060	ug/l	100
46) Dibromomethane	9.20	93	216079	49.985	ug/l #	85
47) Bromodichloromethane	9.40	83	452848	50.812	ug/l	99
48) Methyl methacrylate	9.19	41	224891	49.981	ug/l #	80
49) 1,4-Dioxane	9.20	88	80982	986.237	ug/l #	80
51) 4-Methyl-2-Pentanone	9.98	43	1353590	265.841	ug/l	90
52) Toluene	10.15	92	828196	54.186	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	447978	52.013	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	470009	50.384	ug/l #	87
55) 1,1,2-Trichloroethane	10.56	97	309780	52.699	ug/l	95
56) Ethyl methacrylate	10.43	69	424926	54.308	ug/l #	80
57) 1,3-Dichloropropane	10.71	76	501212	53.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	532567	290.117	ug/l #	82
59) 2-Hexanone	10.75	43	917664	261.042	ug/l	87
60) Dibromochloromethane	10.90	129	363279	54.178	ug/l	100
61) 1,2-Dibromoethane	11.00	107	334708	54.412	ug/l	97
64) Tetrachloroethene	10.63	164	344087	46.669	ug/l	92
65) Chlorobenzene	11.43	112	913304	50.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	351033	49.399	ug/l	98
67) Ethyl Benzene	11.51	91	1666203	52.658	ug/l	95
68) m/p-Xylenes	11.62	106	1279714	106.188	ug/l	89
69) o-Xylene	11.95	106	615811	50.884	ug/l	93
70) Styrene	11.96	104	1024235	56.069	ug/l	95
71) Bromoform	12.13	173	241488	50.909	ug/l #	99
73) Isopropylbenzene	12.25	105	1685323	51.392	ug/l	98
74) N-amyl acetate	12.07	43	410178	54.203	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.50	83	401411	55.203	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	471034	73.489	ug/l #	100
77) Bromobenzene	12.53	156	394005	44.871	ug/l	71
78) n-propylbenzene	12.59	91	1770483	47.052	ug/l	94
79) 2-Chlorotoluene	12.67	91	1063848	45.390	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	1419922	47.639	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	98101	41.443	ug/l	94
82) 4-Chlorotoluene	12.77	91	1035282	47.608	ug/l	92
83) tert-Butylbenzene	12.99	119	1232107	54.676	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	1369946	50.253	ug/l	99
85) sec-Butylbenzene	13.17	105	1581124	48.261	ug/l	98
86) p-Isopropyltoluene	13.29	119	1400424	49.732	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	640208	50.203	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	611791	50.029	ug/l	95
89) n-Butylbenzene	13.62	91	1081574	50.703	ug/l	98
90) Hexachloroethane	13.88	117	251862	42.504	ug/l	85
91) 1,2-Dichlorobenzene	13.66	146	617692	51.899	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63051	47.224	ug/l	74

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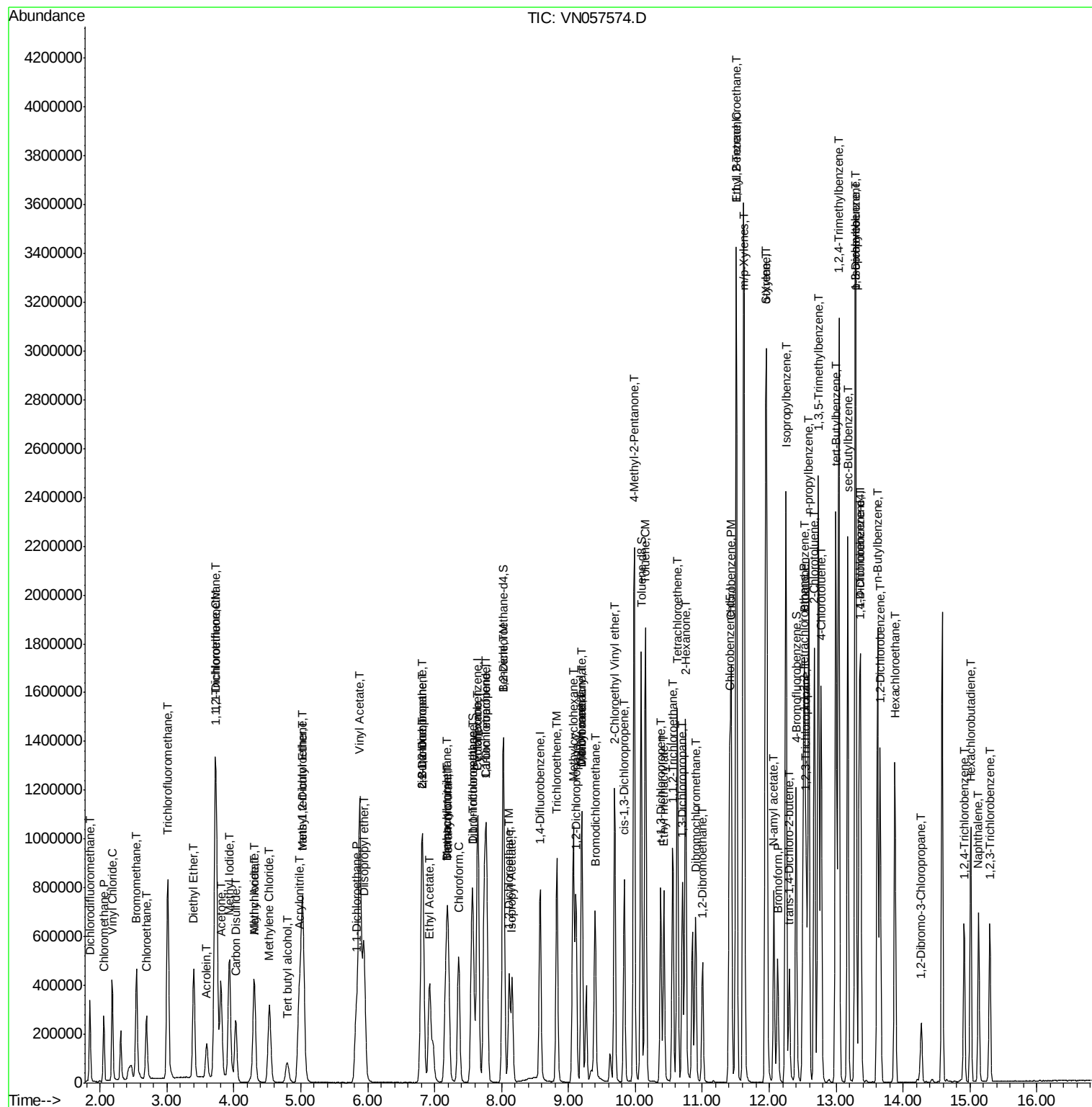
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	209882	43.086	ug/l	98
94) Hexachlorobutadiene	15.01	225	187801	47.878	ug/l	98
95) Naphthalene	15.13	128	584112	49.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	202638	50.377	ug/l	98

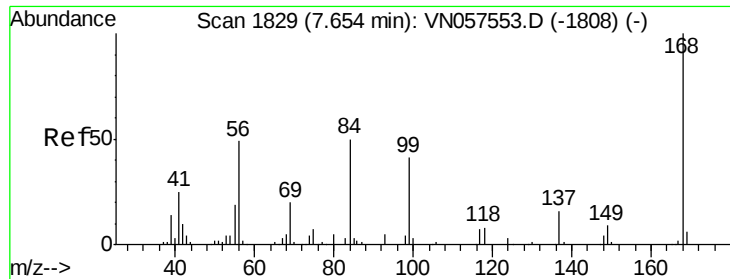
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

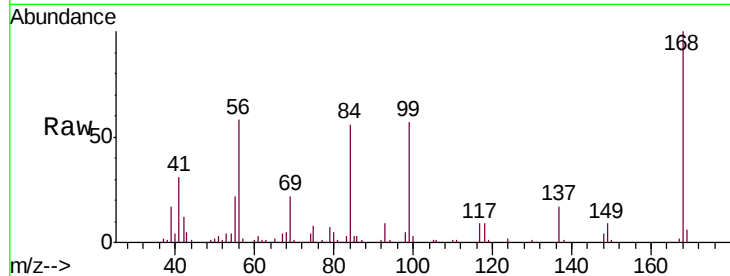
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 420200

Ion Ratio Lower Upper

168 100

99 57.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

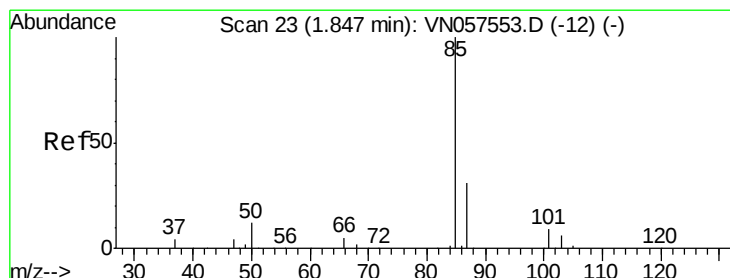
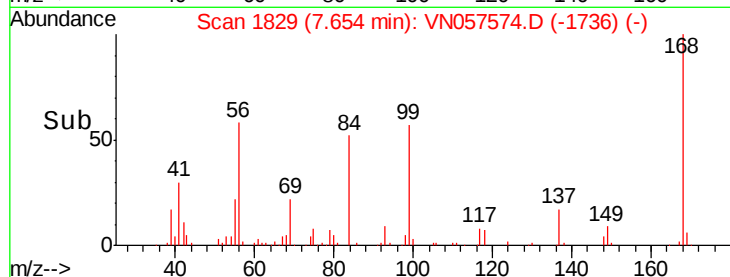
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 51.733 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057574.D

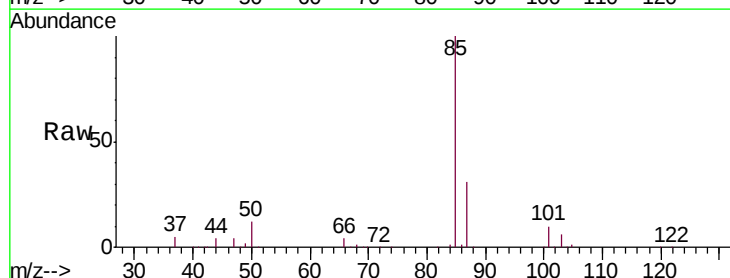
Acq: 30 Aug 2019 1:57

Tgt Ion: 85 Resp: 244265

Ion Ratio Lower Upper

85 100

87 30.9 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200000

150000

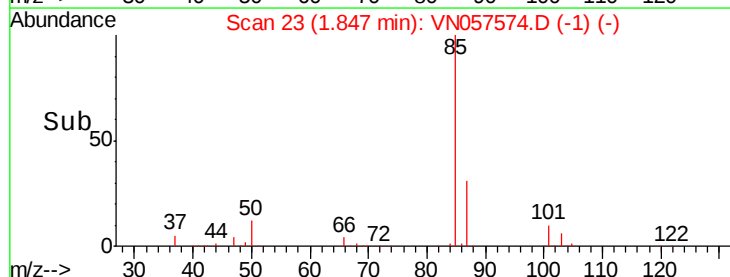
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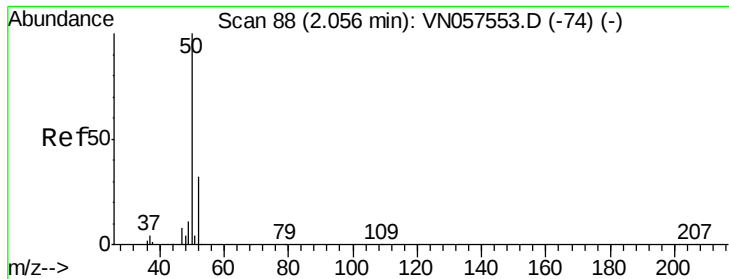
50000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 48.298 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

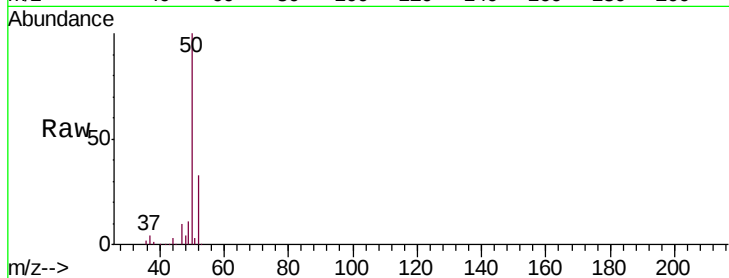
ClientSampleId :

Tot Ion: 50 Resp: 227687

Ion Ratio Lower Upper

50 100

52 33.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN057553.D (-74) (-)

Ion 51.90 (51.60 to 52.60): VN057574.D (-1) (-)

2.06

150000

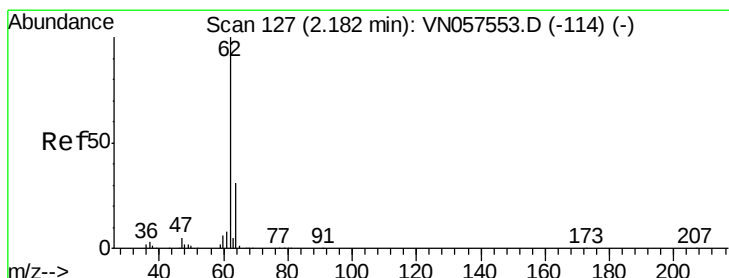
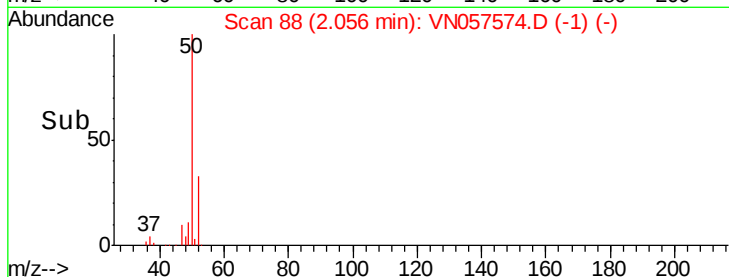
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50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 51.580 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057574.D

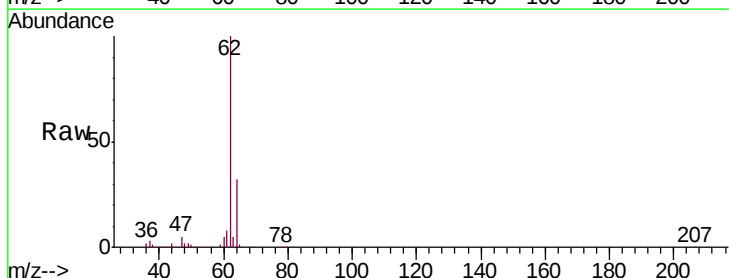
Acq: 30 Aug 2019 1:57

Tgt Ion: 62 Resp: 358730

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN057553.D (-114) (-)

Ion 63.90 (63.60 to 64.60): VN057574.D (-34) (-)

2.18

250000

200000

150000

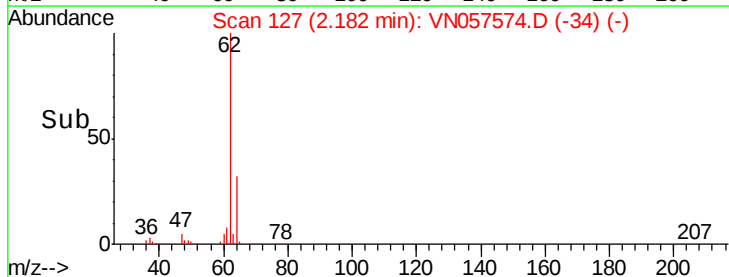
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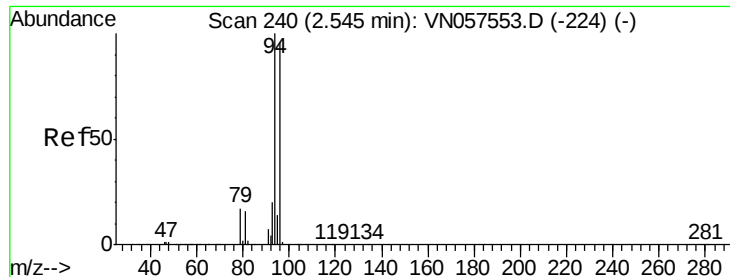
50000

0

Time-->

2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 54.284 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

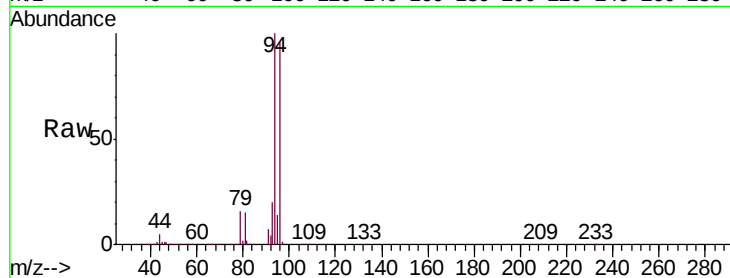
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 325095

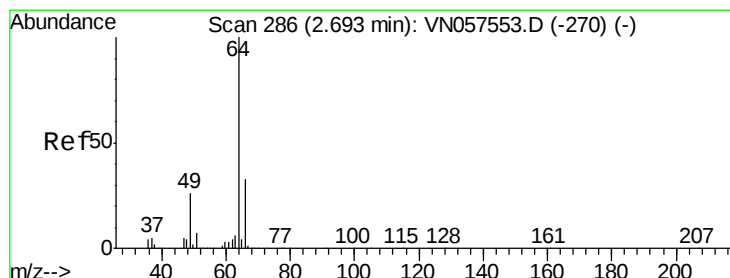
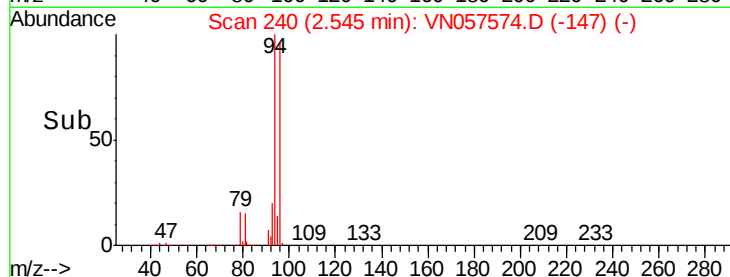
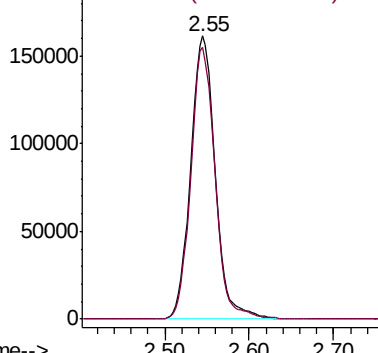
Ion Ratio Lower Upper

94 100

96 96.1 76.2 114.4



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



#6

Chloroethane

Concen: 52.999 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN057574.D

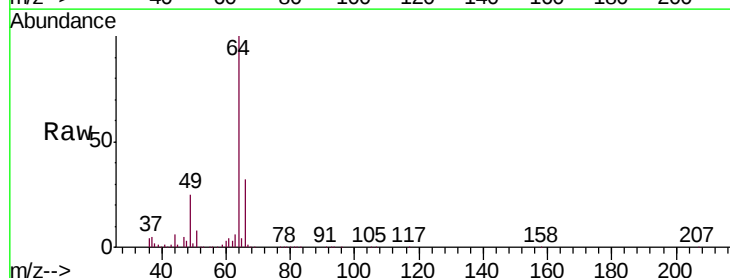
Acq: 30 Aug 2019 1:57

Tgt Ion: 64 Resp: 247128

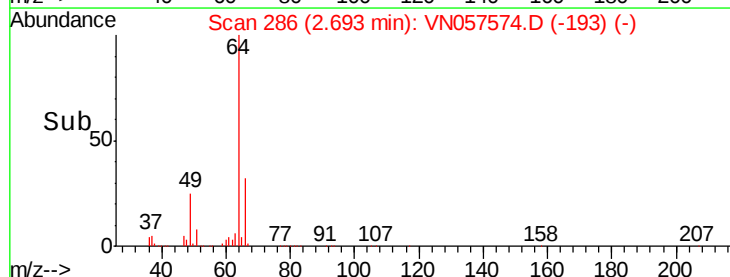
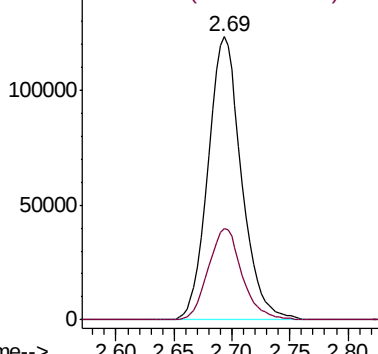
Ion Ratio Lower Upper

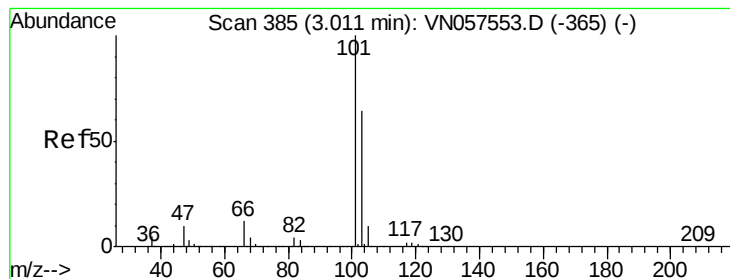
64 100

66 32.3 26.8 40.2



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



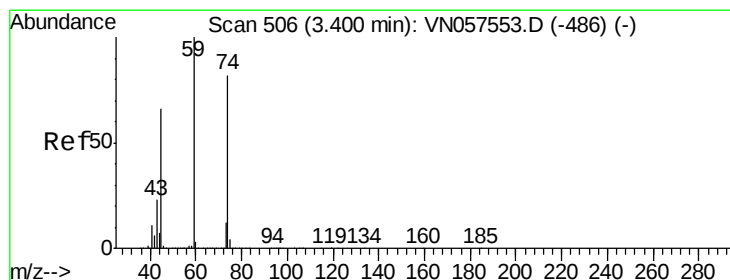
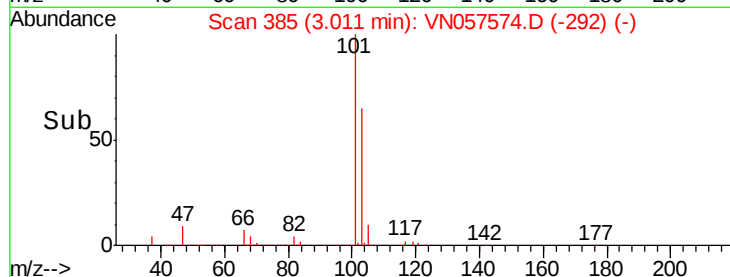
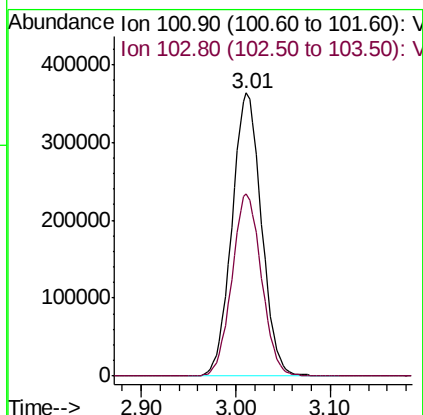
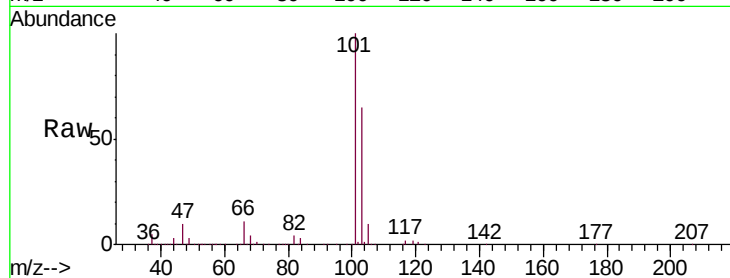


#7

Trichlorofluoromethane
 Concen: 54.511 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Instrument :
 MSVOA_N
 ClientSampled :

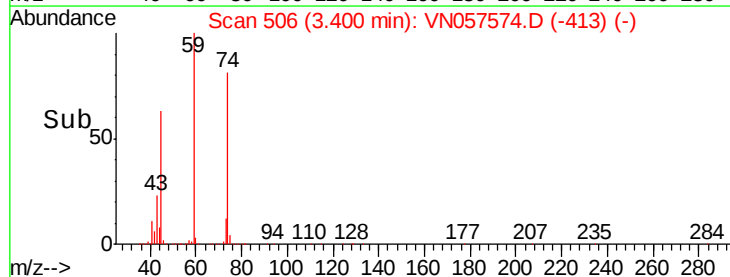
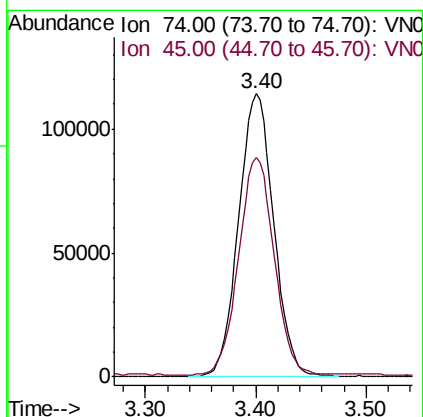
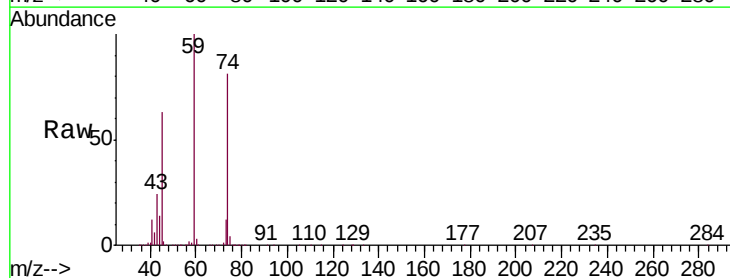
Tot Ion:101 Resp: 787442
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

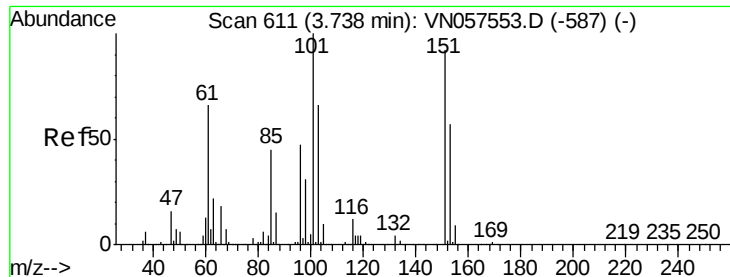


#8

Diethyl Ether
 Concen: 52.517 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion: 74 Resp: 252064
 Ion Ratio Lower Upper
 74 100
 45 78.3 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.072 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN057574.D

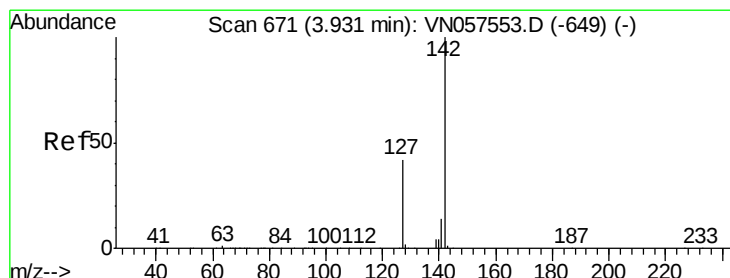
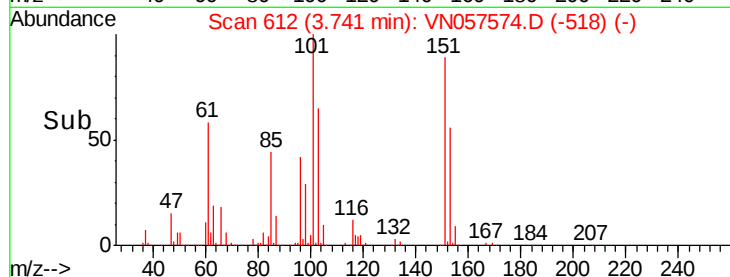
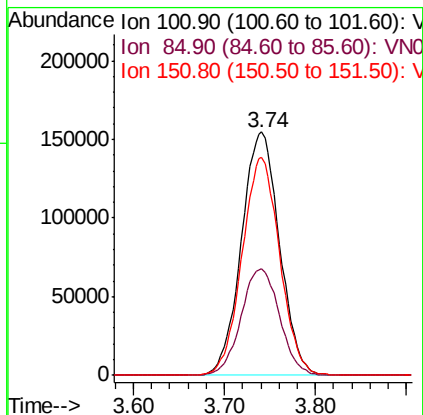
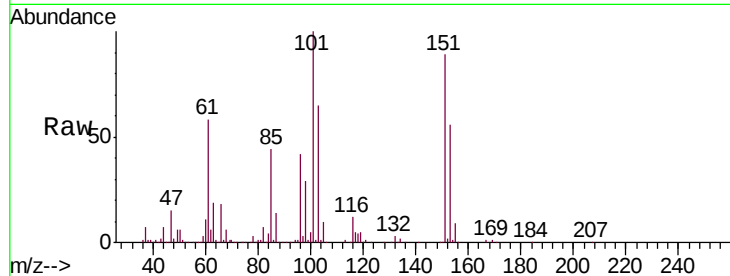
Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	101	Resp:	449004
Ion	Ratio	Lower	Upper
101	100		
85	44.1	40.0	60.0
151	88.7	57.0	85.6#



#10

Methyl Iodide

Concen: 55.447 ug/l

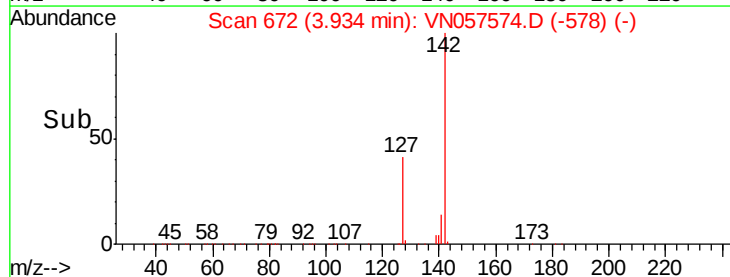
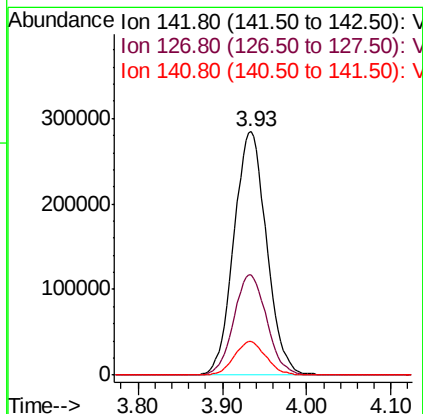
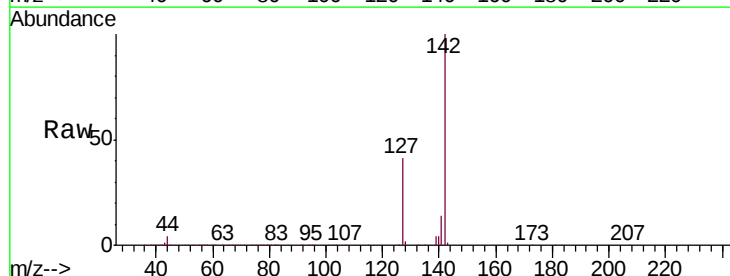
RT: 3.93 min Scan# 672

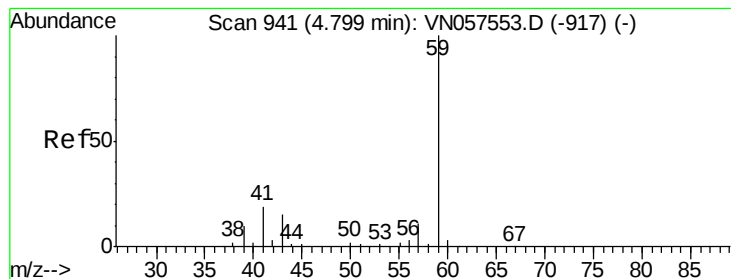
Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Tgt Ion:	142	Resp:	767871
Ion	Ratio	Lower	Upper
142	100		
127	41.5	37.8	56.8
141	13.6	11.9	17.9



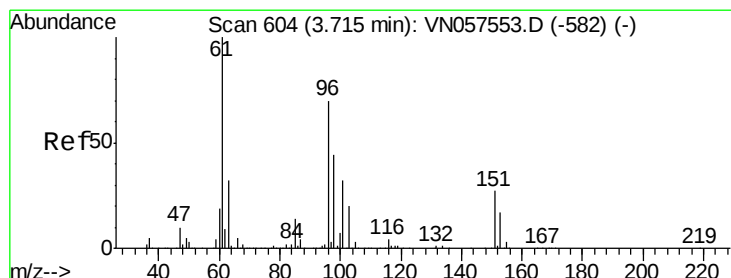
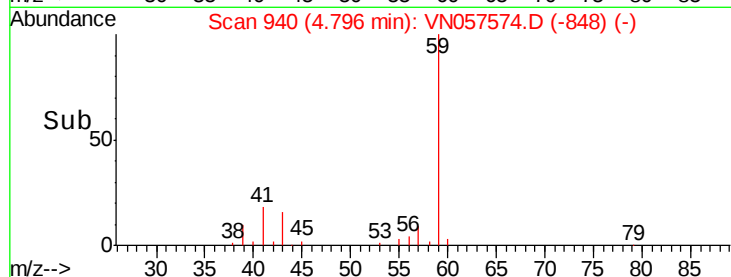
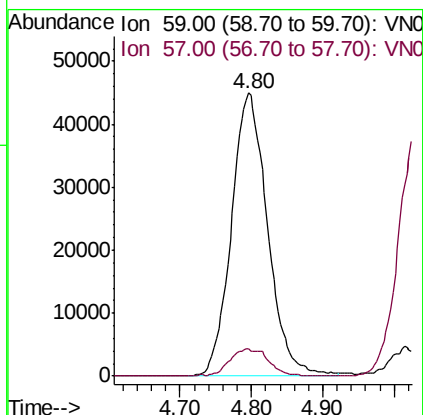
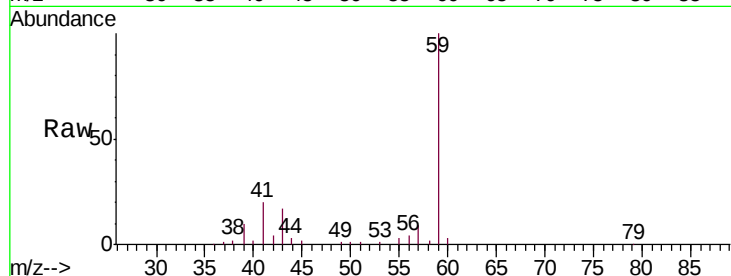


#11

Tert butyl alcohol
 Concen: 234.002 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Instrument :
 MSVOA_N
 ClientSampled :

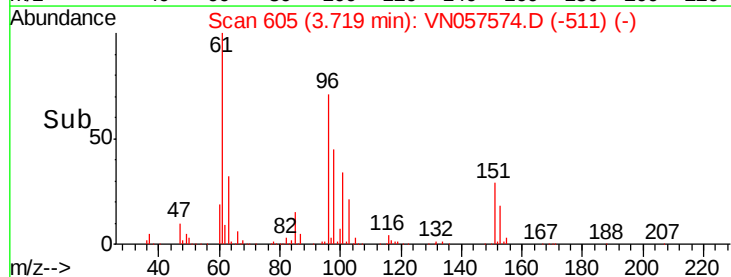
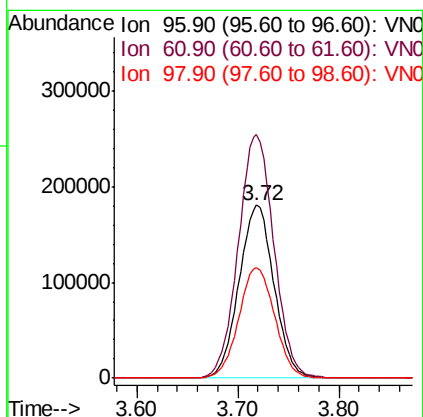
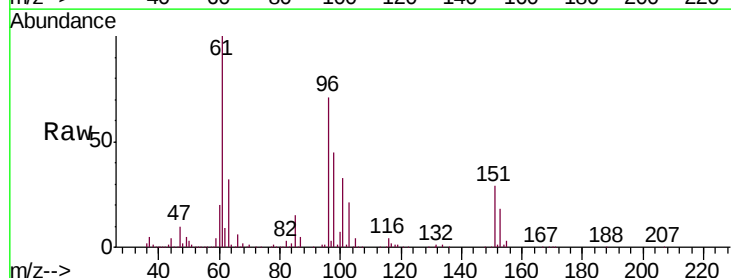
Tot Ion: 59 Resp: 158710
 Ion Ratio Lower Upper
 59 100
 57 10.3 9.1 13.7

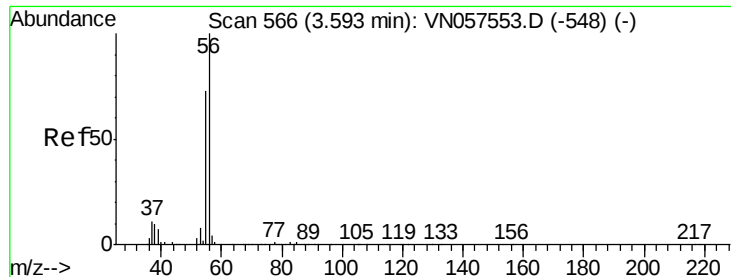


#12

1,1-Dichloroethene
 Concen: 54.685 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion: 96 Resp: 435381
 Ion Ratio Lower Upper
 96 100
 61 140.5 155.3 232.9#
 98 63.5 50.2 75.2





#13

Acrolein

Concen: 255.406 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

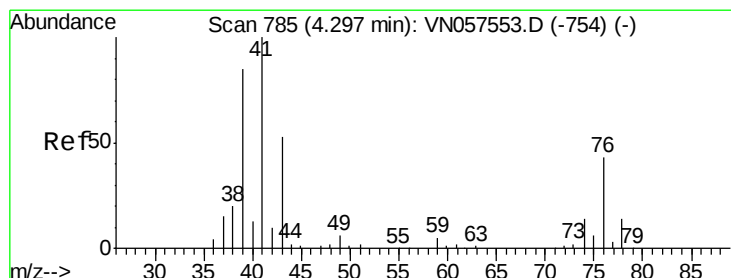
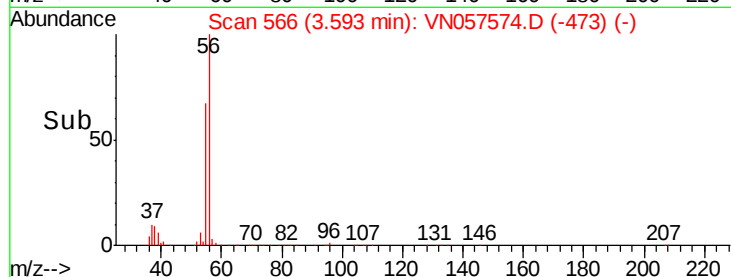
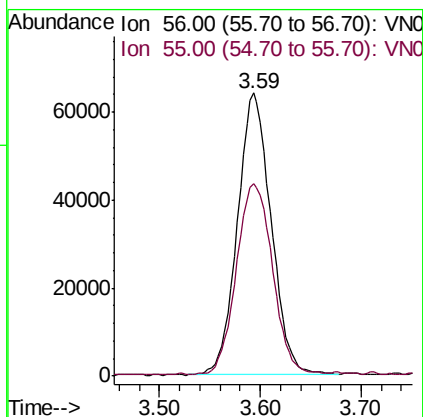
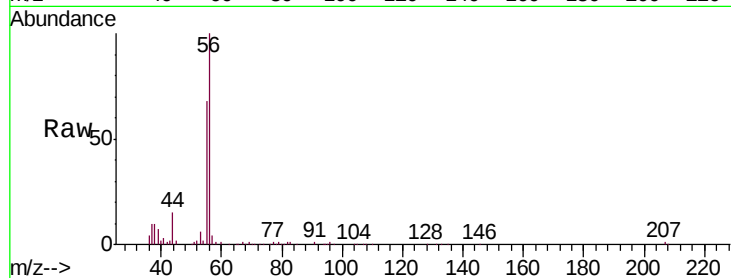
ClientSampleId :

Tot Ion: 56 Resp: 148327

Ion Ratio Lower Upper

56 100

55 72.7 59.0 88.4



#14

Allyl chloride

Concen: 50.561 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

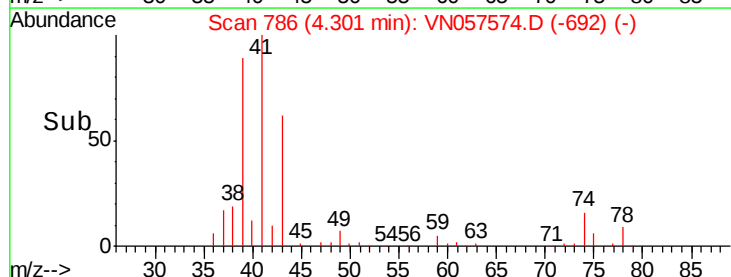
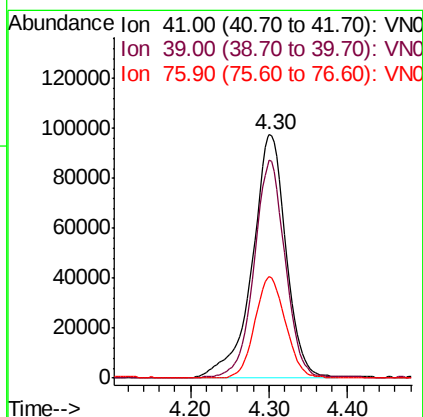
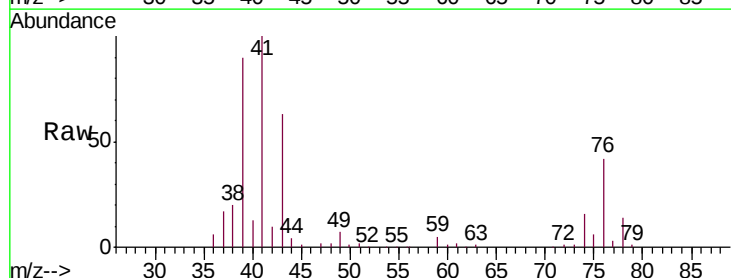
Tgt Ion: 41 Resp: 294648

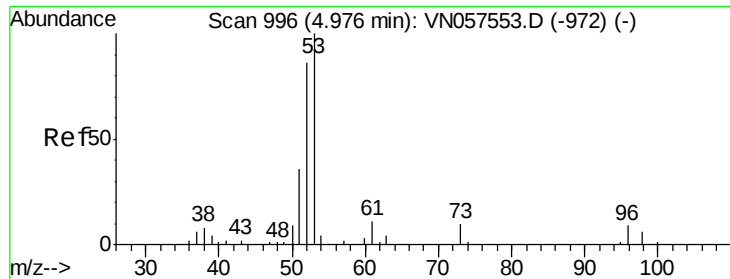
Ion Ratio Lower Upper

41 100

39 83.4 57.4 86.2

76 38.2 22.9 34.3#





#15

Acrylonitrile

Concen: 254.343 ug/l

RT: 4.98 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

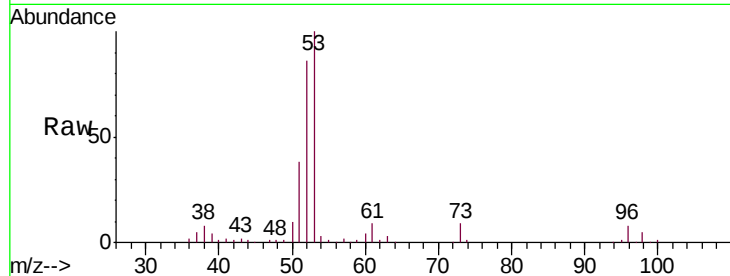
Tot Ion: 53 Resp: 427123

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.6

51 36.9 29.9 44.9

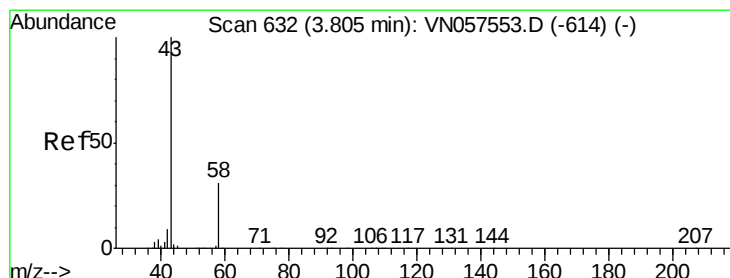
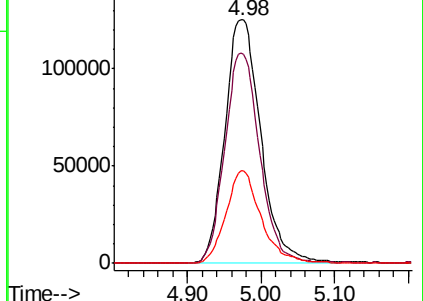
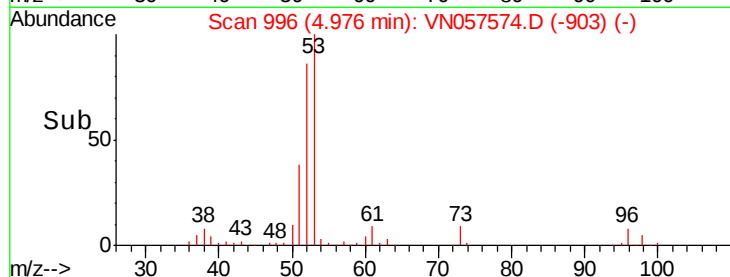


Abundance Ion 53.00 (52.70 to 53.70): VN057553.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN057553.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN057553.D (-972) (-)

Time-->



#16

Acetone

Concen: 215.033 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057574.D

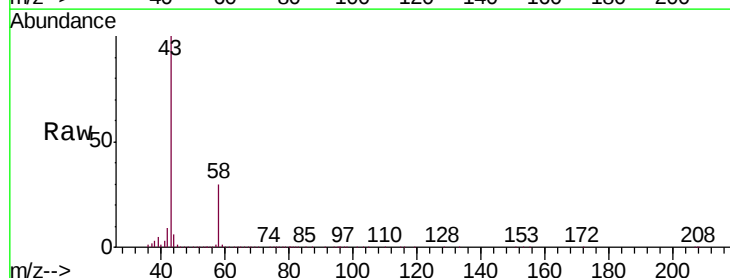
Acq: 30 Aug 2019 1:57

Tgt Ion: 43 Resp: 597810

Ion Ratio Lower Upper

43 100

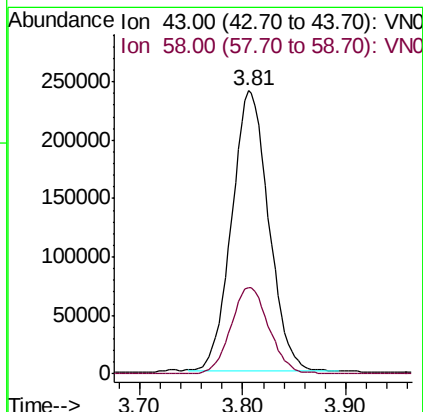
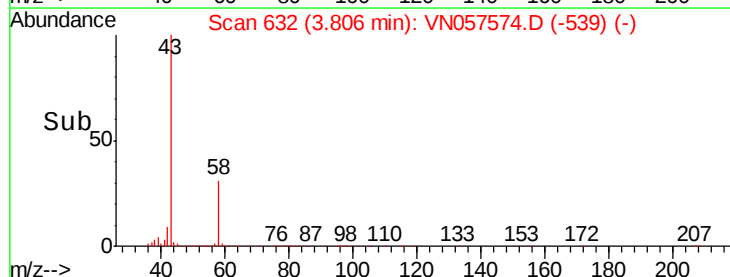
58 30.6 22.1 33.1

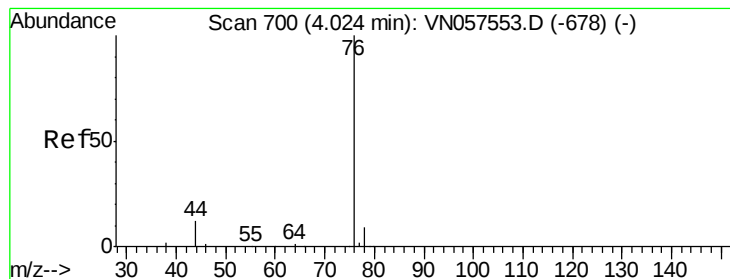


Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-614) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-614) (-)

Time-->





#17

Carbon Disulfide

Concen: 44.885 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

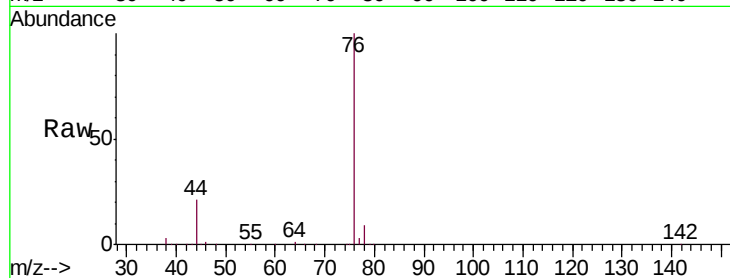
ClientSampleId :

Tot Ion: 76 Resp: 488527

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

200000

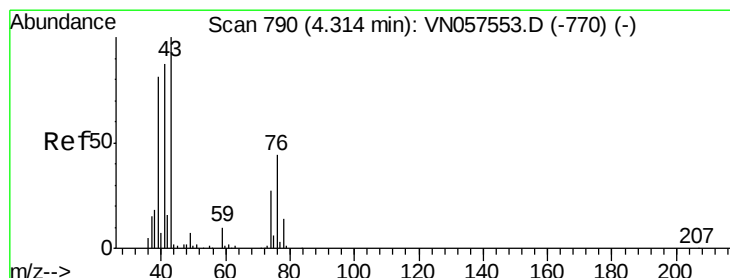
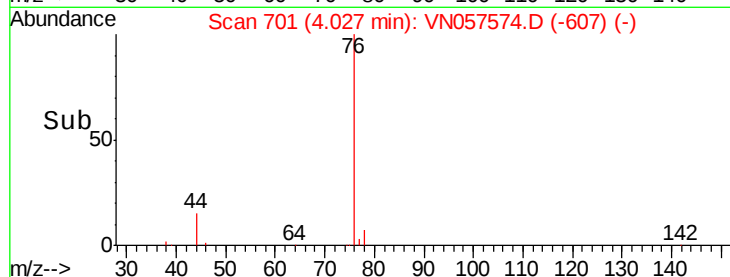
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.495 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN057574.D

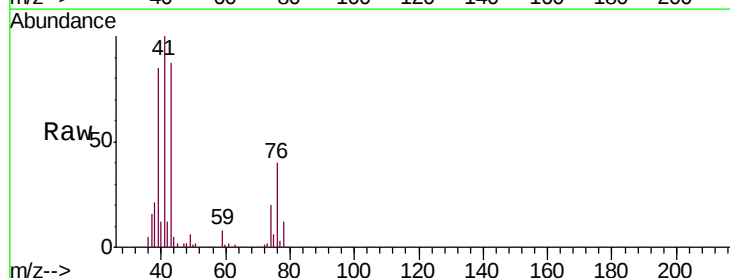
Acq: 30 Aug 2019 1:57

Tgt Ion: 43 Resp: 211035

Ion Ratio Lower Upper

43 100

74 25.0 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.31

80000

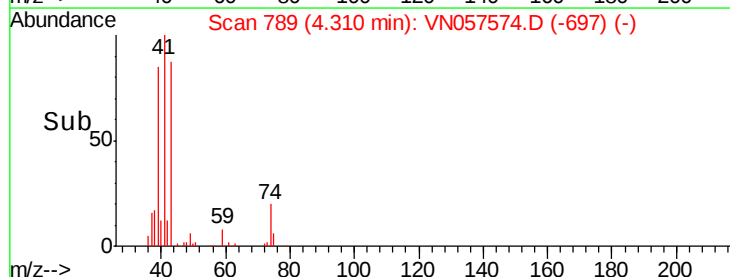
60000

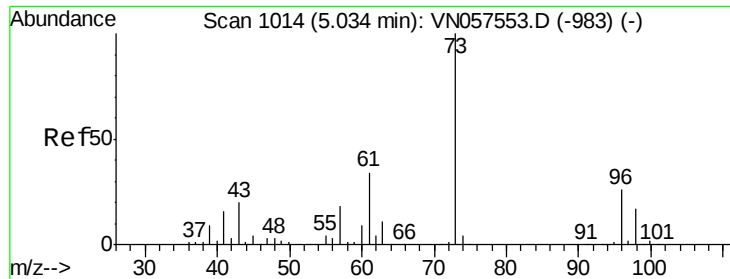
40000

20000

0

Time-->

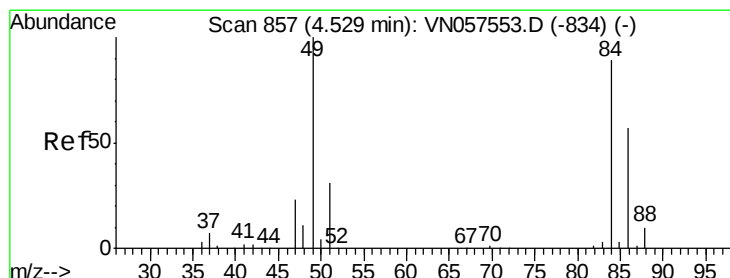
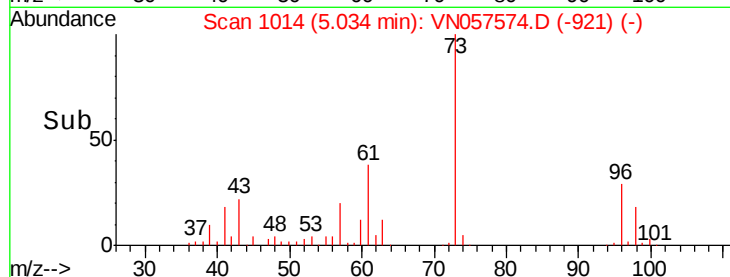
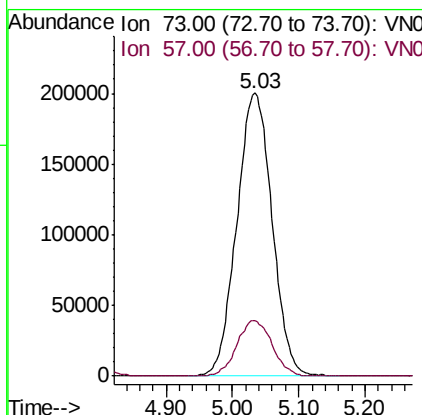
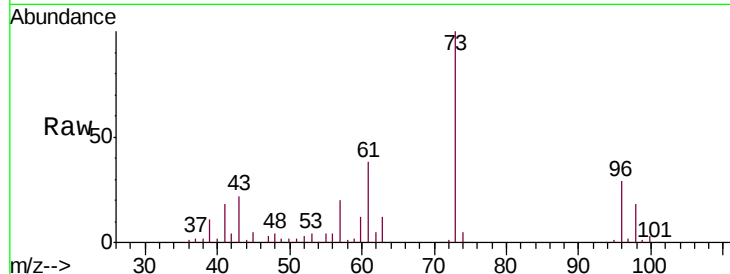




#19
Methvl tert-butvl Ether
Concen: 48.826 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

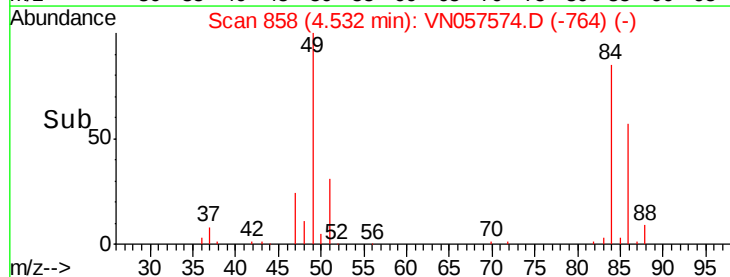
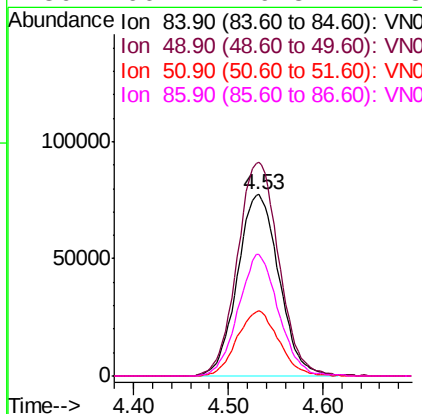
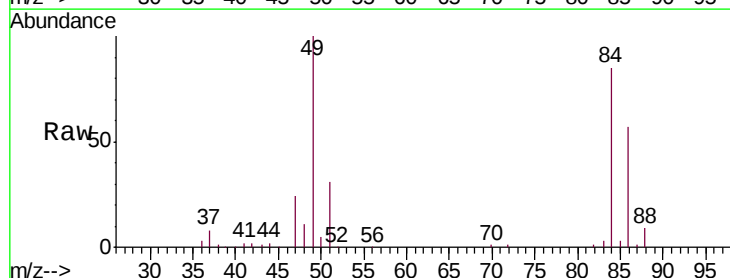
Instrument :
MSVOA_N
ClientSampled :

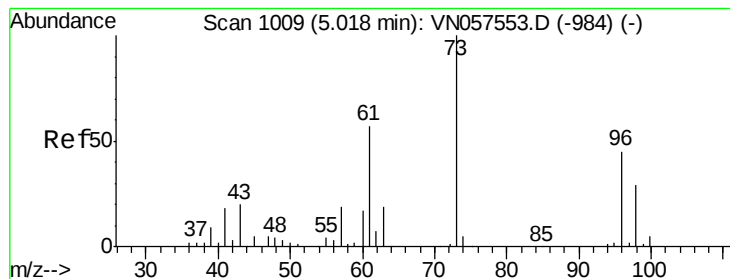
Tot Ion: 73 Resp: 740499
Ion Ratio Lower Upper
73 100
57 19.6 19.1 28.7



#20
Methylene Chloride
Concen: 46.057 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 84 Resp: 237198
Ion Ratio Lower Upper
84 100
49 117.5 117.0 175.4
51 35.9 35.5 53.3
86 66.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.999 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampleId :

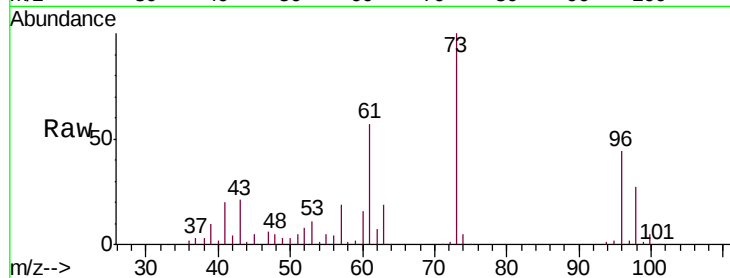
Tot Ion: 96 Resp: 244033

Ion Ratio Lower Upper

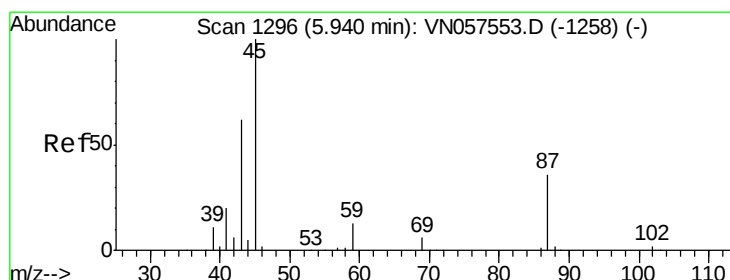
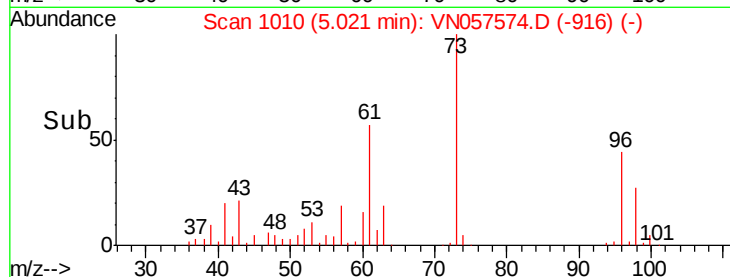
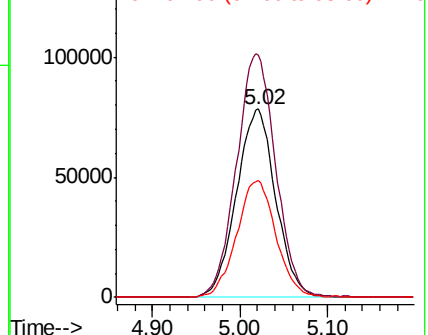
96 100

61 128.6 127.9 191.9

98 61.9 50.6 76.0



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



#22

Diisopropyl ether

Concen: 54.625 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Tgt Ion: 45 Resp: 713628

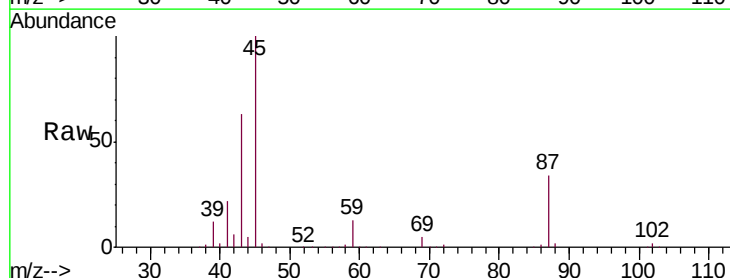
Ion Ratio Lower Upper

45 100

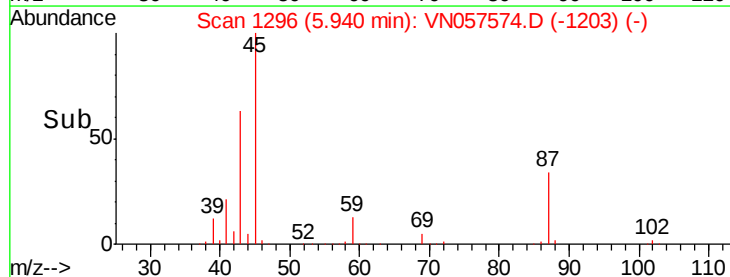
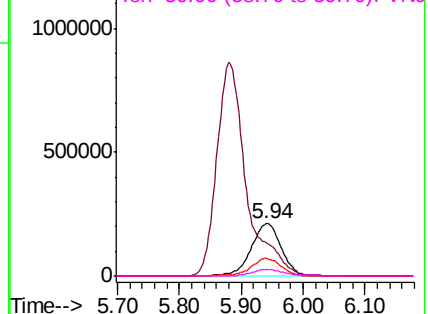
43 62.5 46.9 70.3

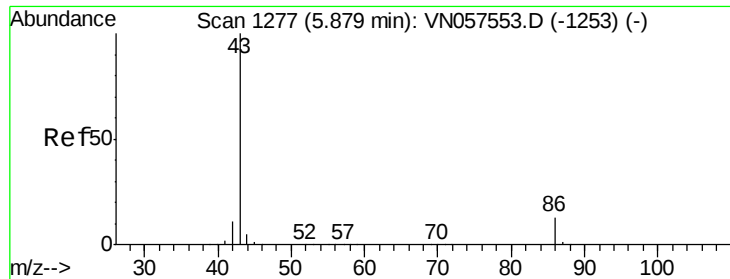
87 33.5 19.3 28.9#

59 12.7 8.7 13.1



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





#23

Vinyl Acetate

Concen: 280.916 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

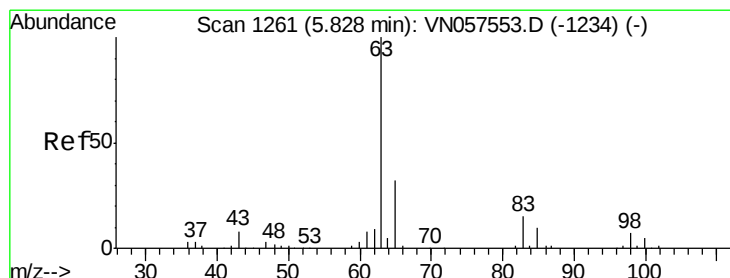
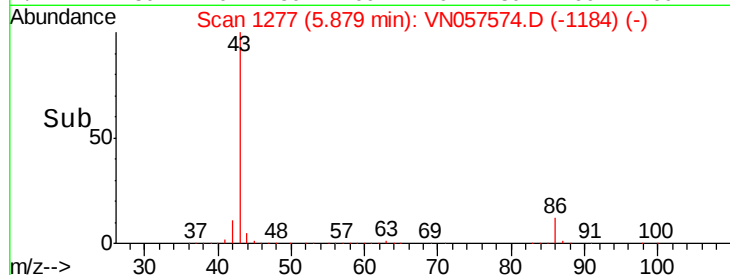
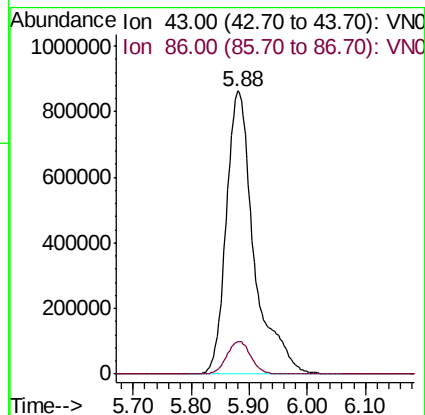
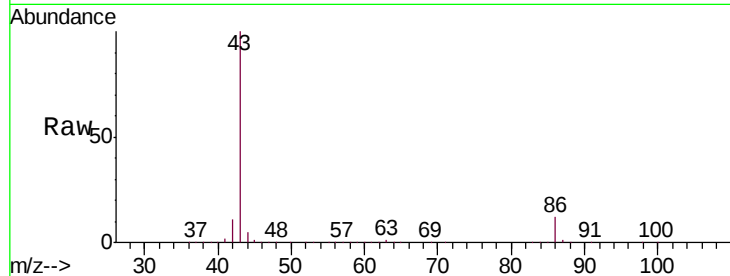
ClientSampleId :

Tot Ion: 43 Resp: 2867727

Ion Ratio Lower Upper

43 100

86 11.5 6.7 10.1#



#24

1,1-Dichloroethane

Concen: 51.442 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

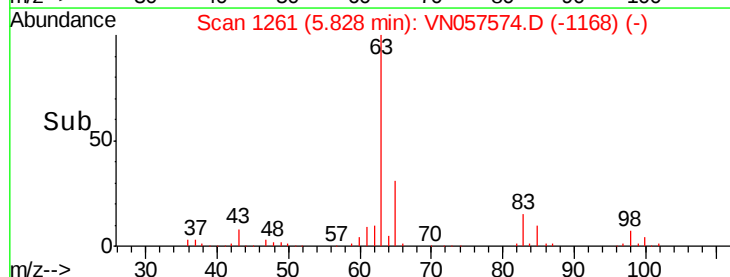
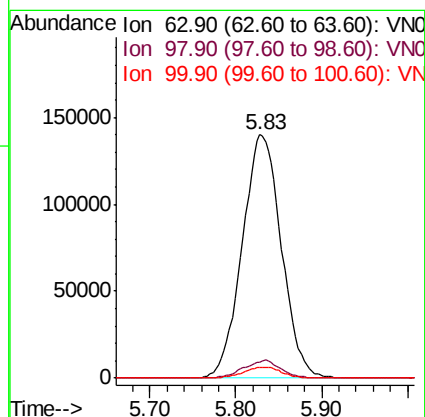
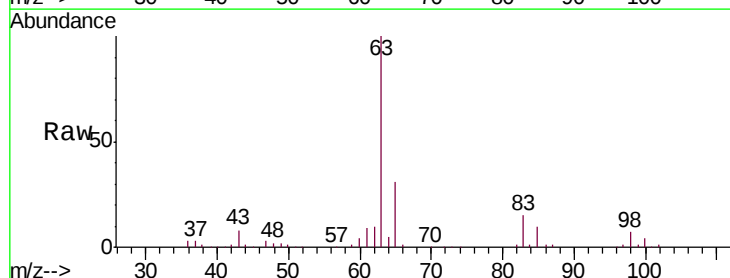
Tgt Ion: 63 Resp: 442515

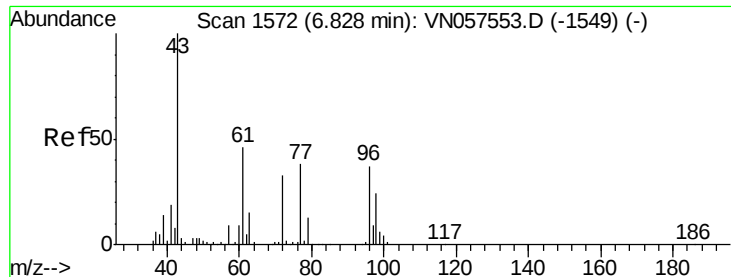
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.6

100 4.4 2.1 6.3

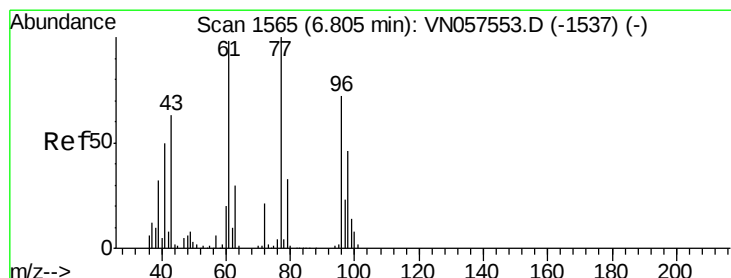
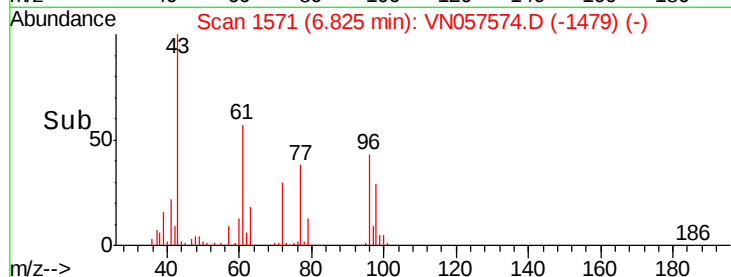
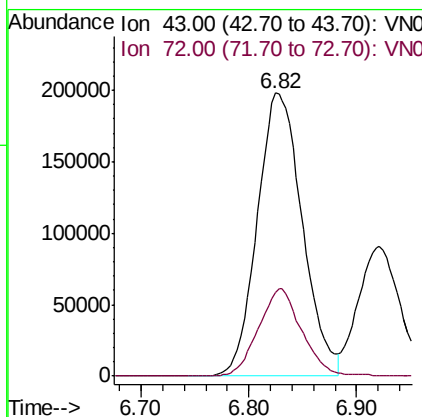
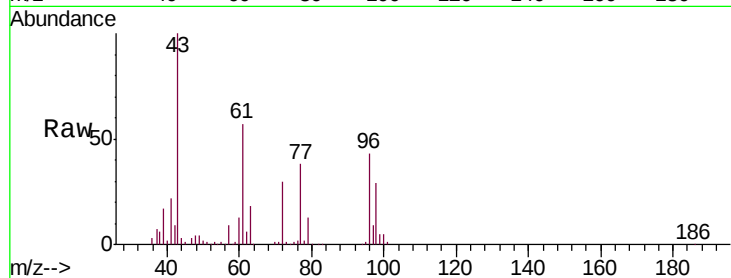




#25
2-Butanone
Concen: 260.169 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

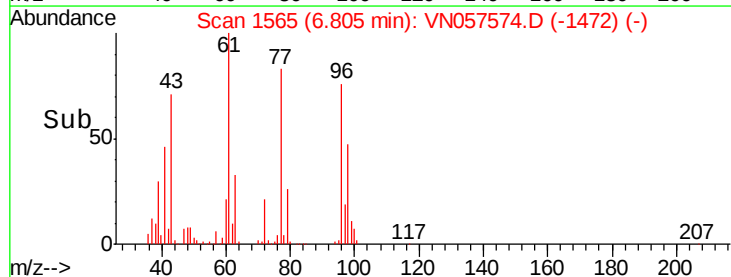
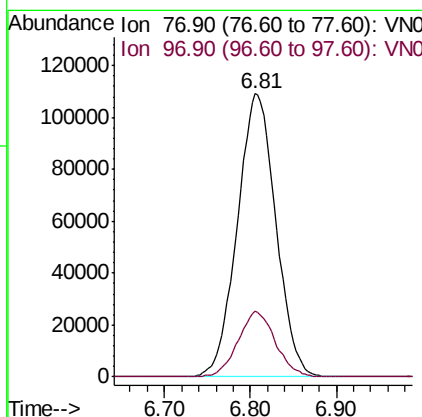
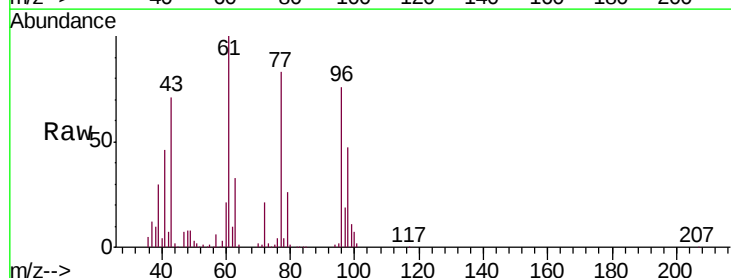
Instrument :
MSVOA_N
ClientSampled :

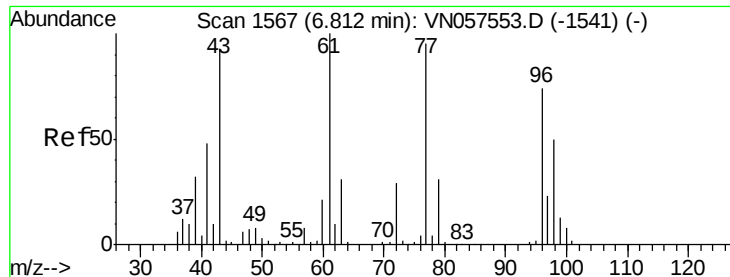
Tot Ion: 43 Resp: 570913
Ion Ratio Lower Upper
43 100
72 29.8 17.8 26.8#



#26
2,2-Dichloropropane
Concen: 38.733 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 77 Resp: 340193
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.405 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampleId :

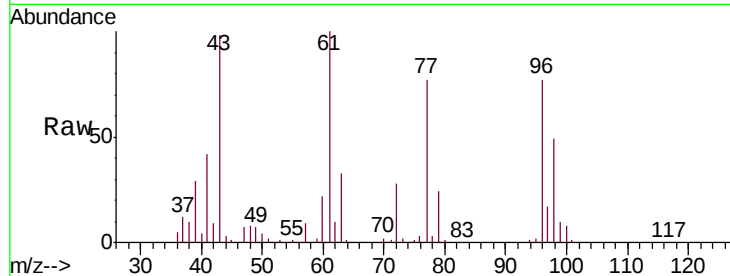
Tot Ion: 96 Resp: 304026

Ion Ratio Lower Upper

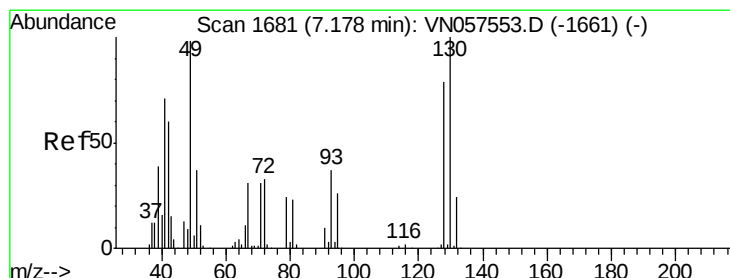
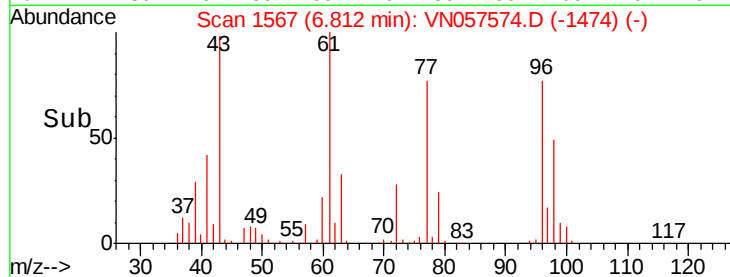
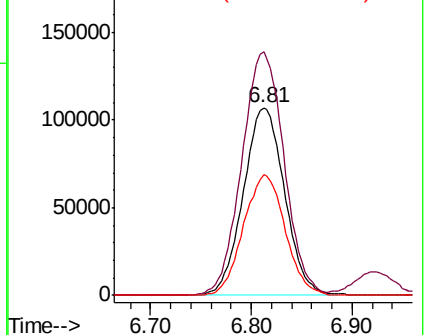
96 100

61 133.1 0.0 334.8

98 65.0 0.0 127.4



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



#28

Bromochloromethane

Concen: 56.822 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

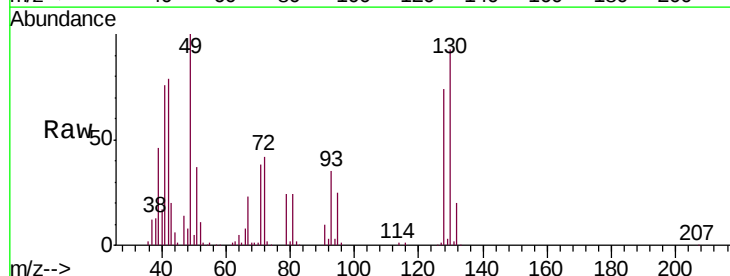
Tgt Ion: 49 Resp: 205468

Ion Ratio Lower Upper

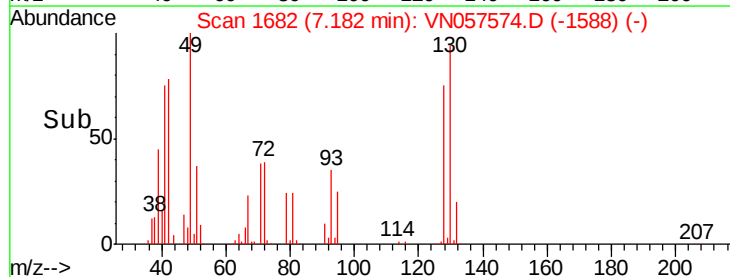
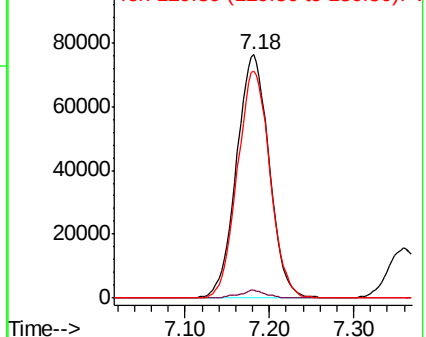
49 100

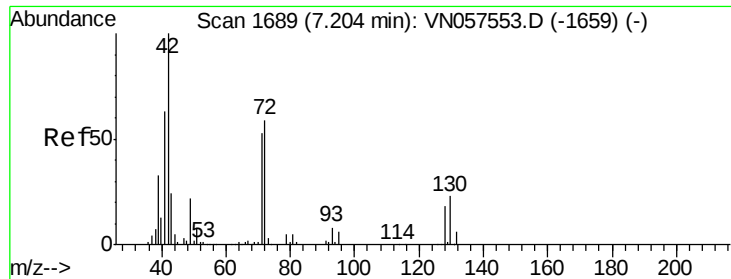
129 2.8 0.0 3.6

130 92.9 48.6 72.8#



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

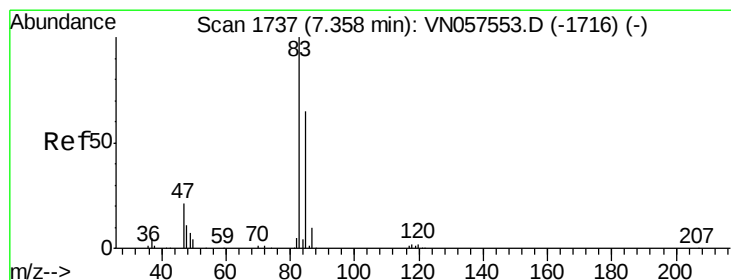
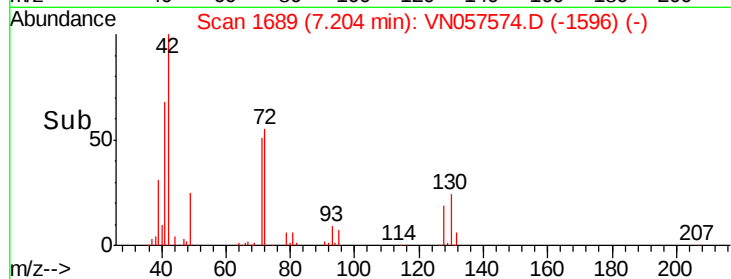
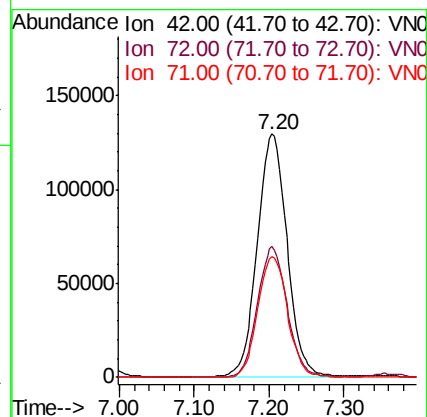
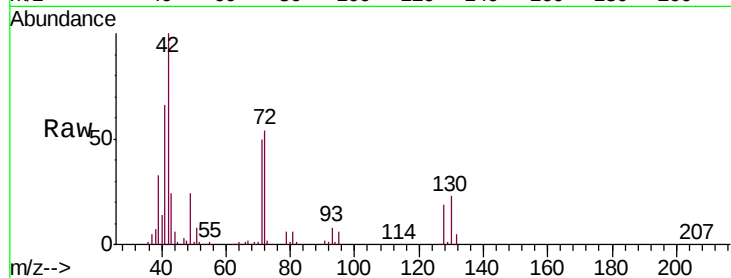




#29
Tetrahydrofuran
Concen: 264.495 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

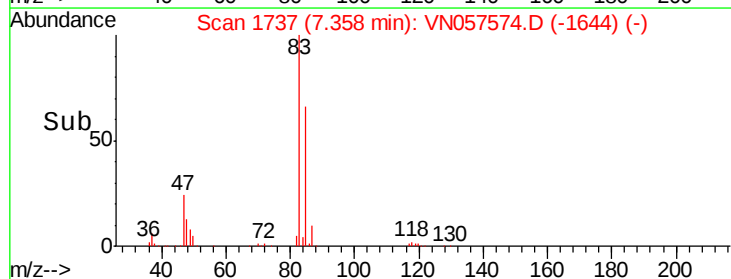
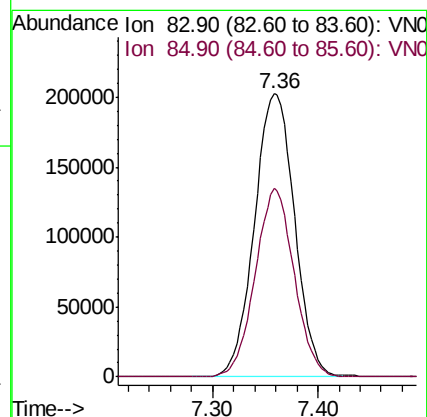
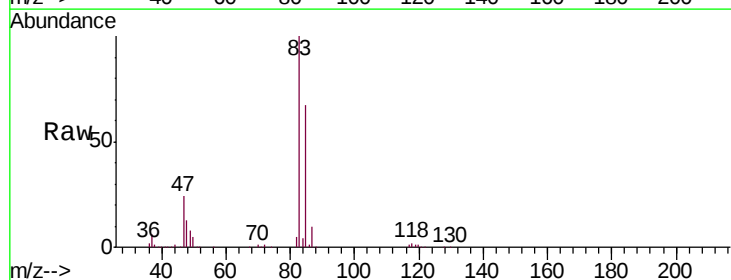
Instrument :
MSVOA_N
ClientSampleId :

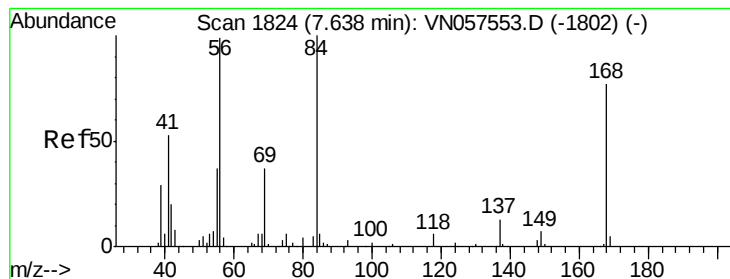
Tot Ion: 42 Resp: 362970
Ion Ratio Lower Upper
42 100
72 53.1 30.1 45.1#
71 49.2 28.8 43.2#



#30
Chloroform
Concen: 50.228 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 83 Resp: 536197
Ion Ratio Lower Upper
83 100
85 66.6 51.9 77.9





#31

Cyclohexane

Concen: 50.831 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampled :

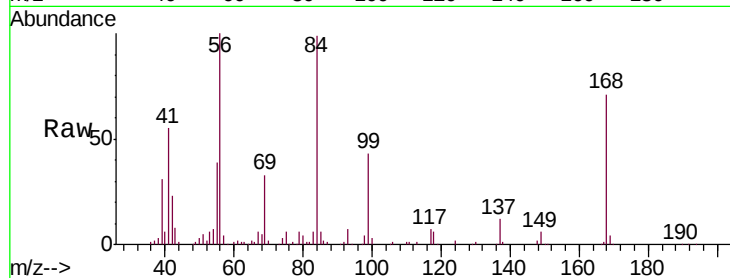
Tot Ion: 56 Resp: 406081

Ion Ratio Lower Upper

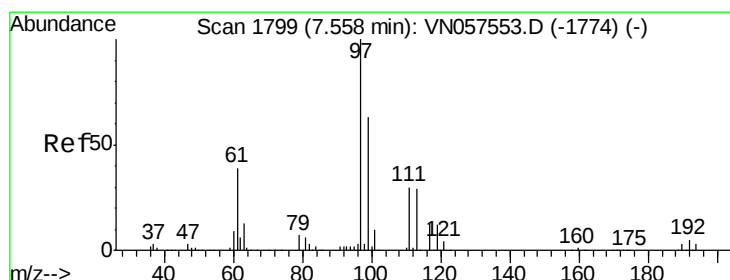
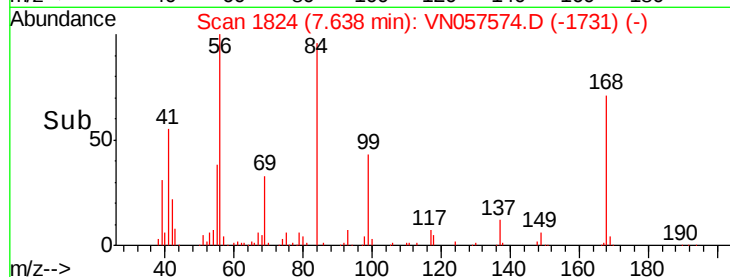
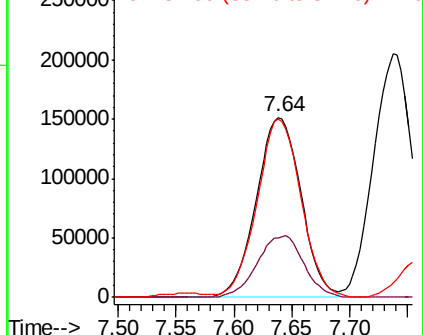
56 100

69 33.3 25.0 37.6

84 97.2 62.5 93.7#



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



#32

1,1,1-Trichloroethane

Concen: 52.332 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

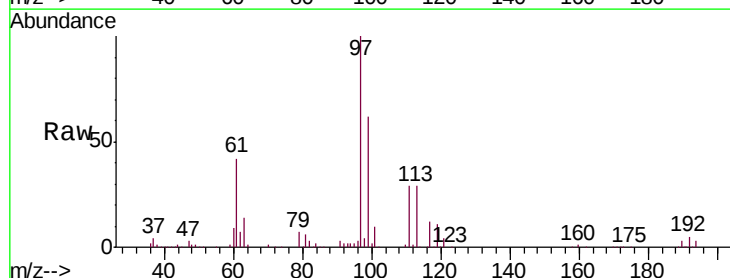
Tgt Ion: 97 Resp: 496609

Ion Ratio Lower Upper

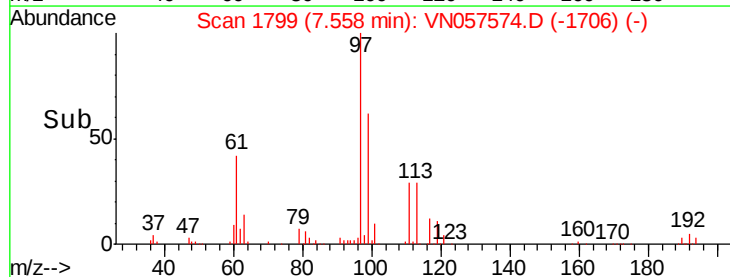
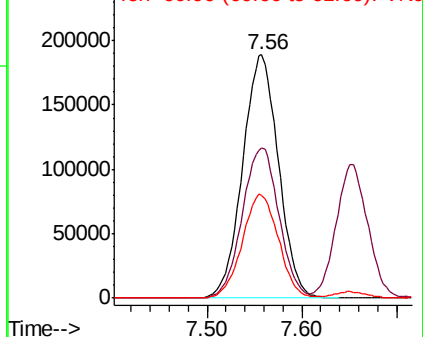
97 100

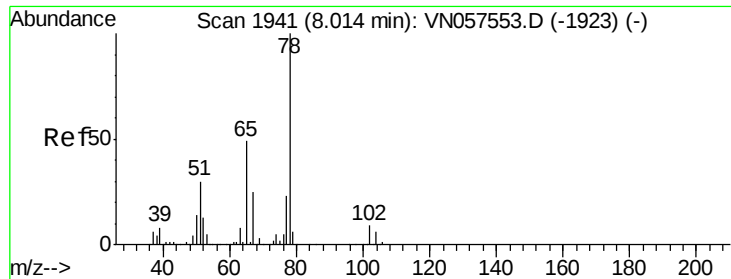
99 63.4 51.0 76.6

61 43.1 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

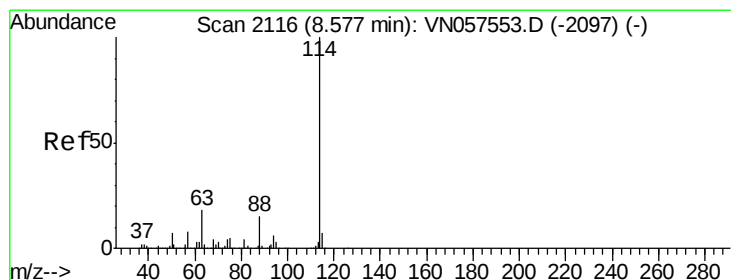
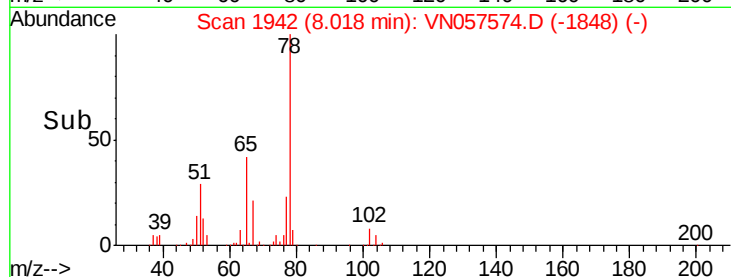
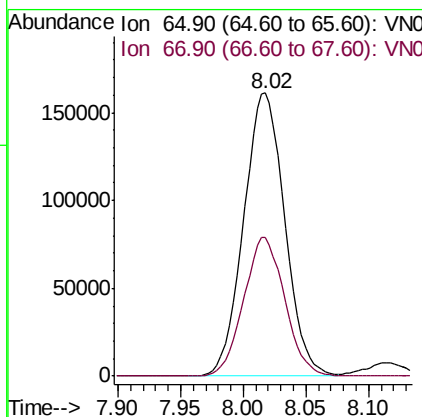
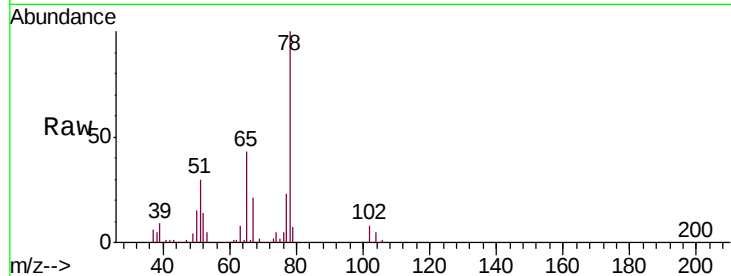




#33
 1,2-Dichloroethane-d4
 Concen: 55.687 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

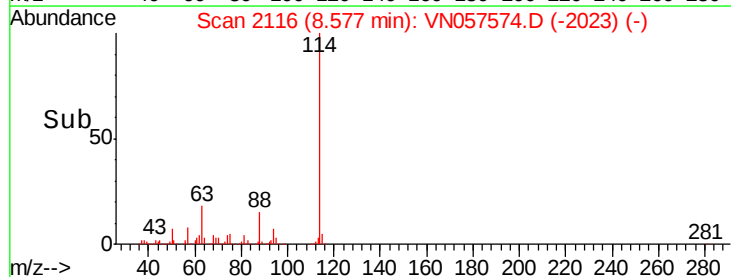
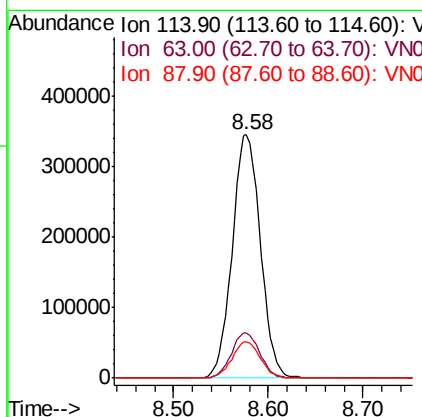
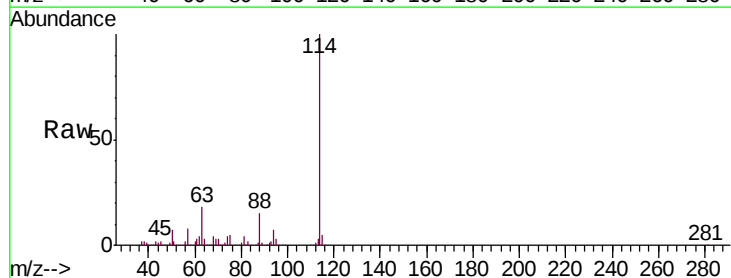
Instrument :
 MSVOA_N
 ClientSampleId :

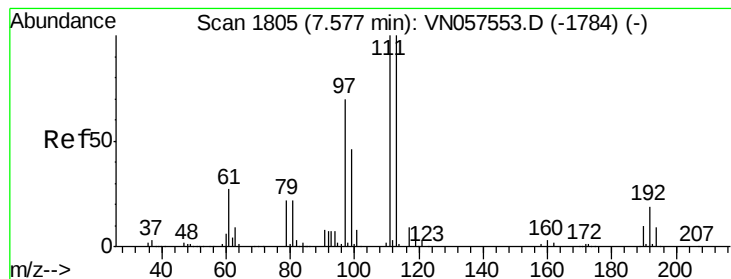
Tot Ion: 65 Resp: 367962
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion: 114 Resp: 712133
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 50.2
 88 15.0 0.0 34.6





#35

Dibromofluoromethane

Concen: 46.949 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampleId :

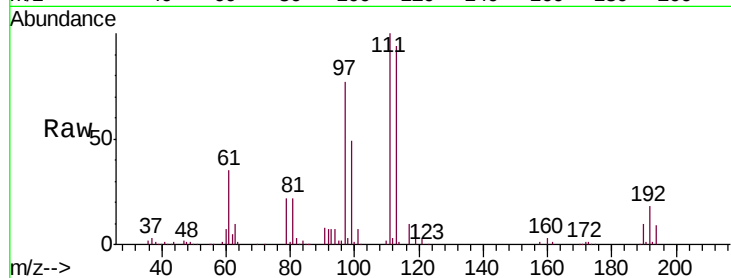
Tot Ion:113 Resp: 290228

Ion Ratio Lower Upper

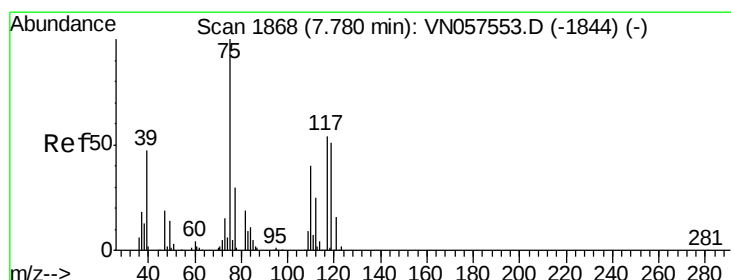
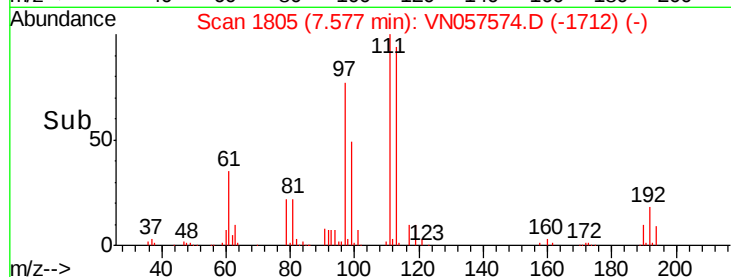
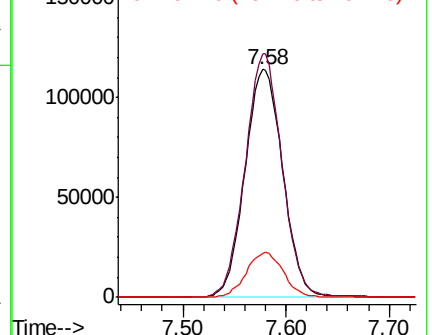
113 100

111 104.2 83.8 125.6

192 19.4 13.5 20.3



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



#36

1,1-Dichloropropene

Concen: 49.522 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

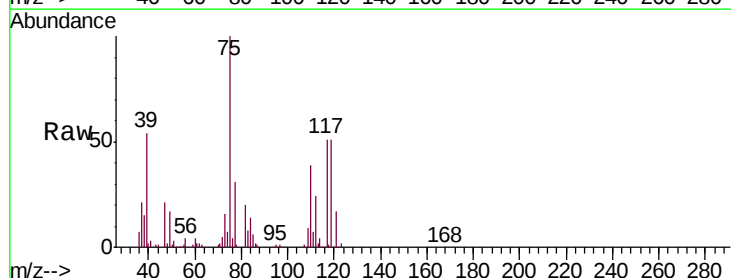
Tgt Ion: 75 Resp: 381496

Ion Ratio Lower Upper

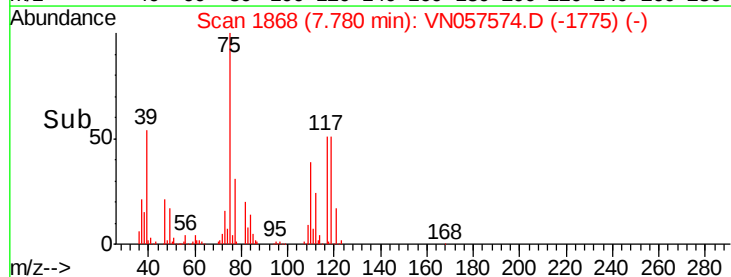
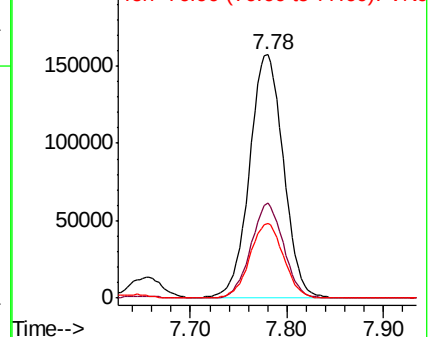
75 100

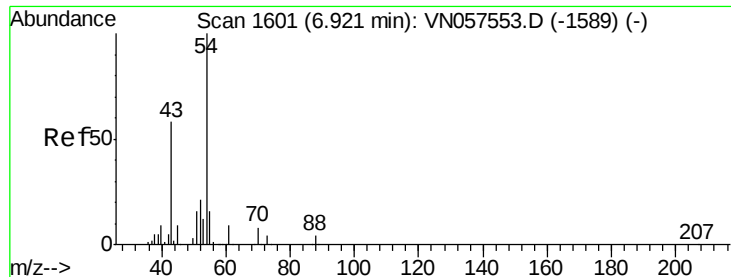
110 37.5 16.1 48.3

77 30.8 24.8 37.2



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

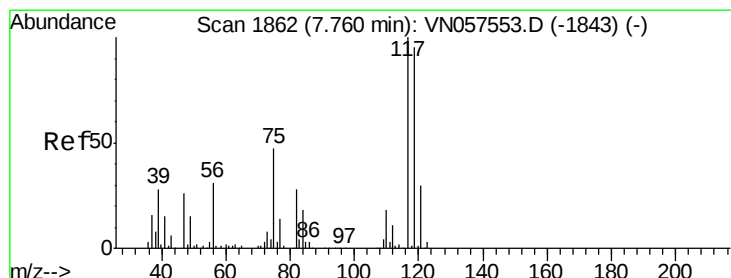
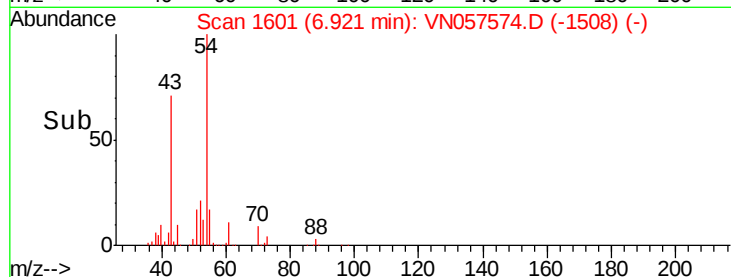
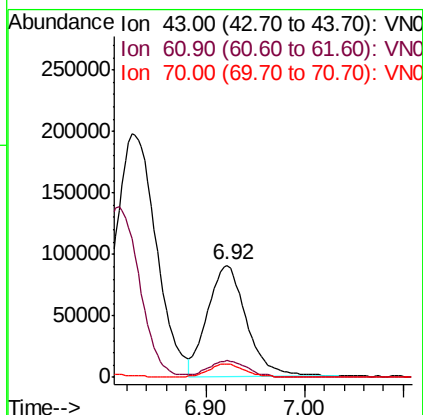
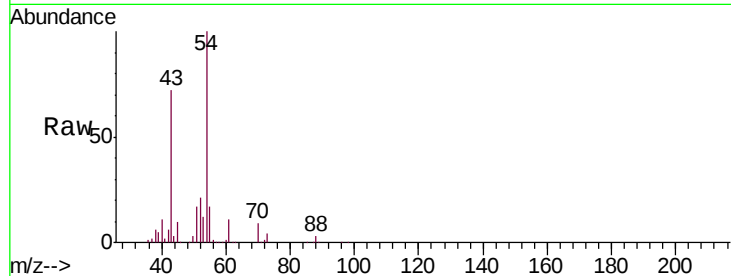




#37
Ethyl Acetate
Concen: 48.848 ug/l
RT: 6.92 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

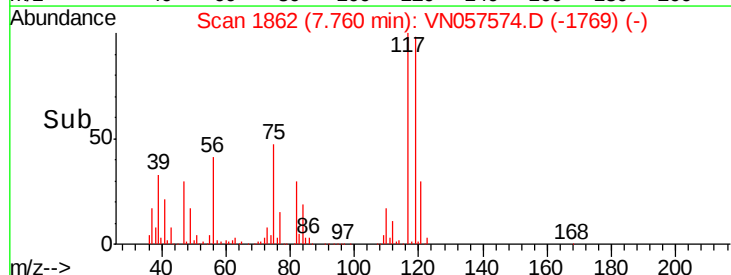
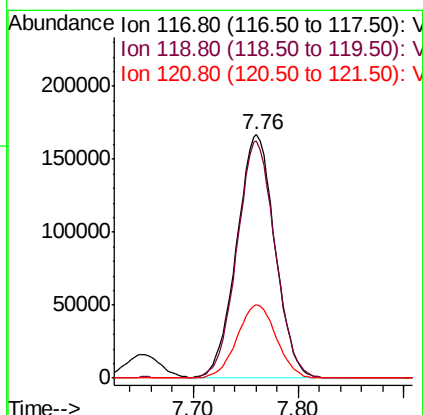
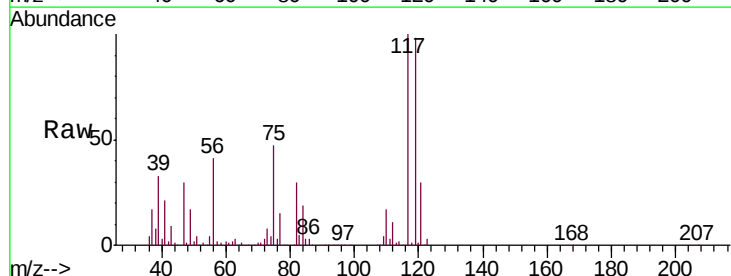
Instrument :
MSVOA_N
ClientSampled :

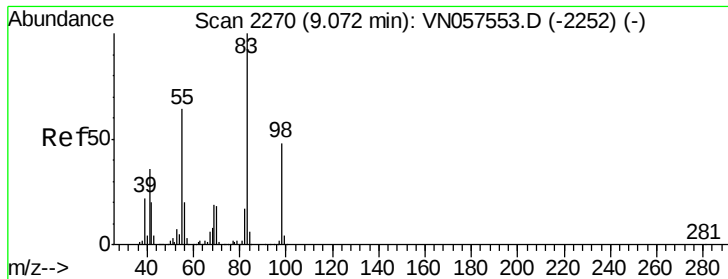
Tot Ion: 43 Resp: 249321
Ion Ratio Lower Upper
43 100
61 14.9 9.9 14.9#
70 11.4 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 46.946 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 117 Resp: 422910
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4
121 30.3 23.8 35.6

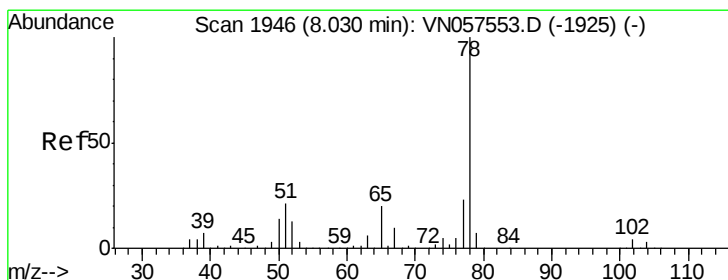
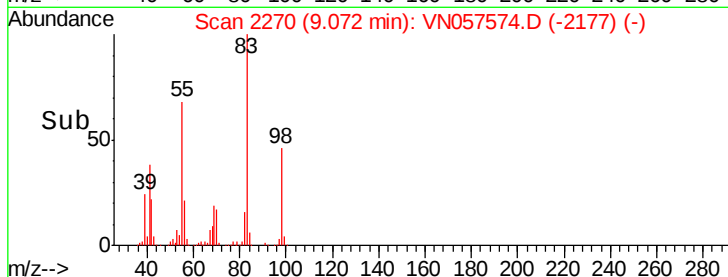
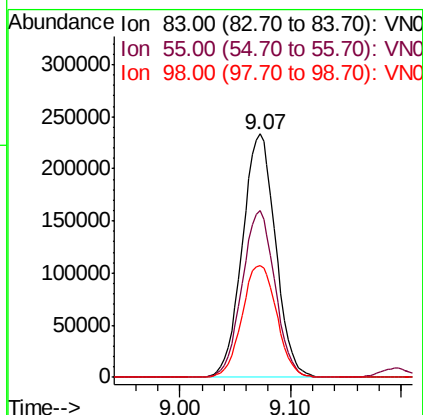
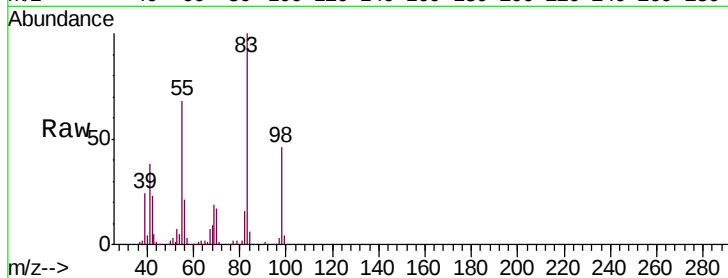




#39
Methvlcvclohexane
Concen: 49.605 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

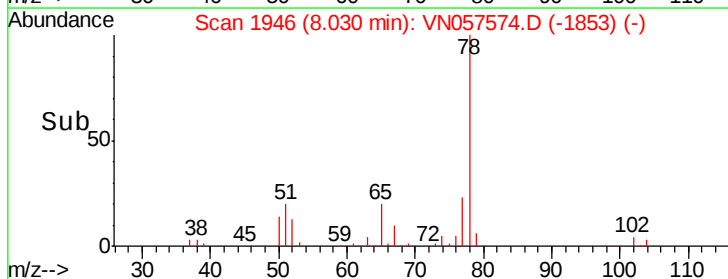
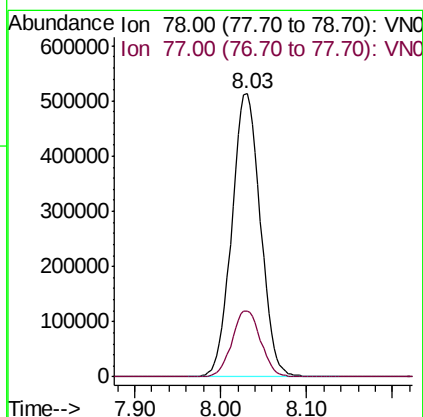
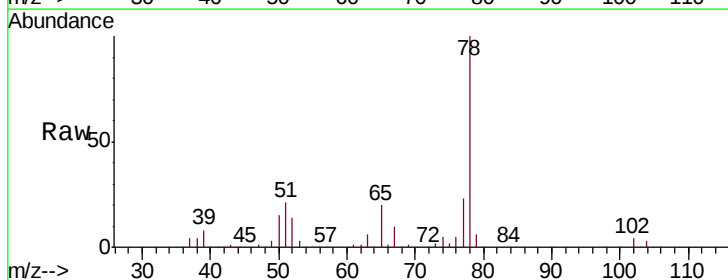
Instrument :
MSVOA_N
ClientSampleId :

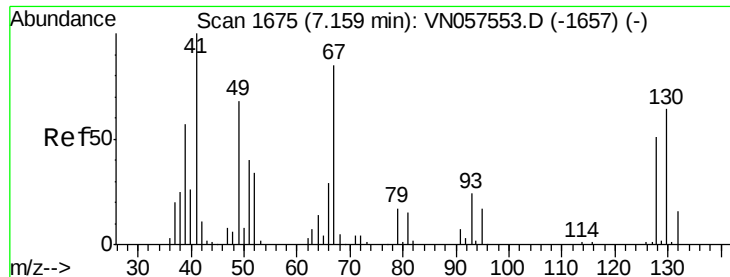
Tot Ion: 83 Resp: 486204
Ion Ratio Lower Upper
83 100
55 68.3 68.6 102.8#
98 45.7 36.6 54.8



#40
Benzene
Concen: 50.334 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 78 Resp: 1187463
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7

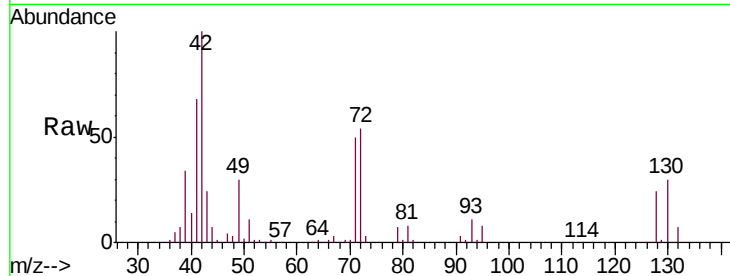




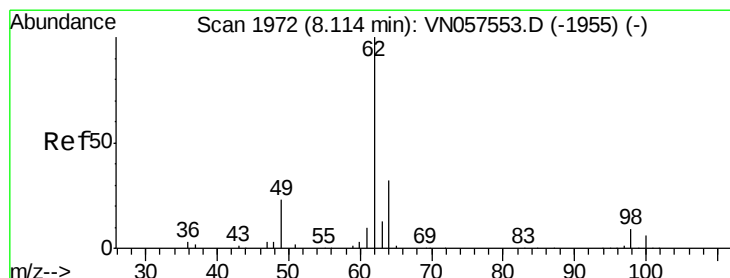
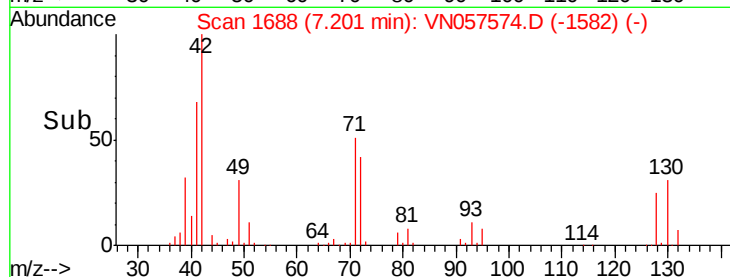
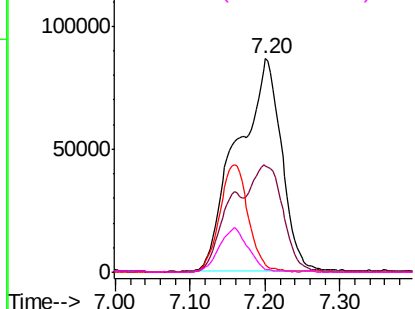
#41
Methacrylonitrile
Concen: 150.615 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	0.0	65.4	98.2#
52	0.0	29.8	44.6#

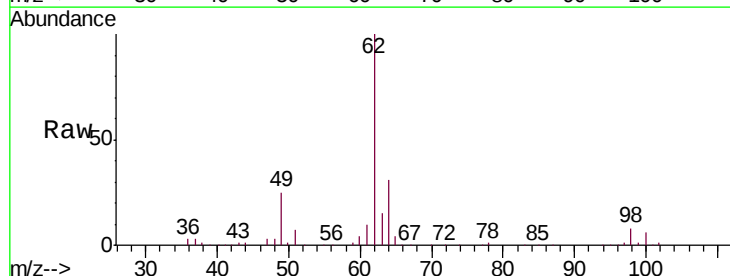


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

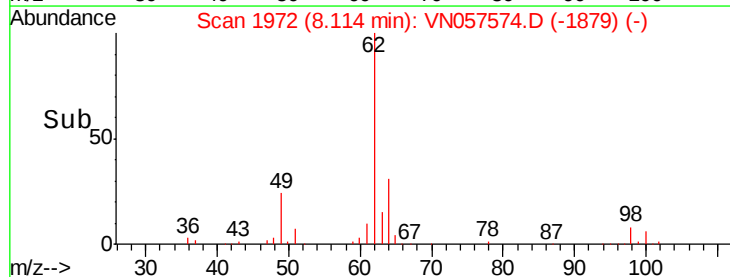
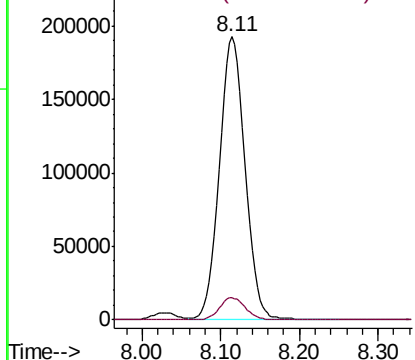


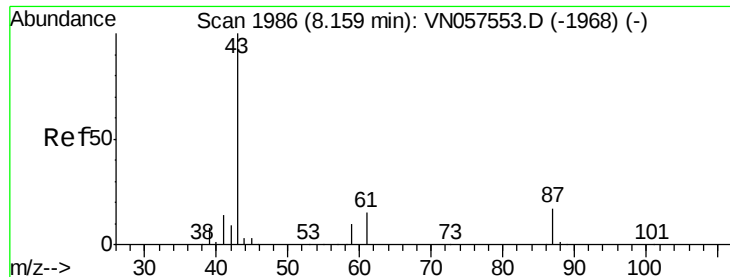
#42
1,2-Dichloroethane
Concen: 51.395 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4



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





#43

Isopropyl Acetate

Concen: 49.838 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

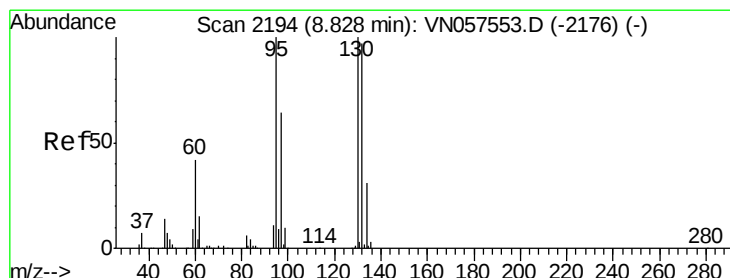
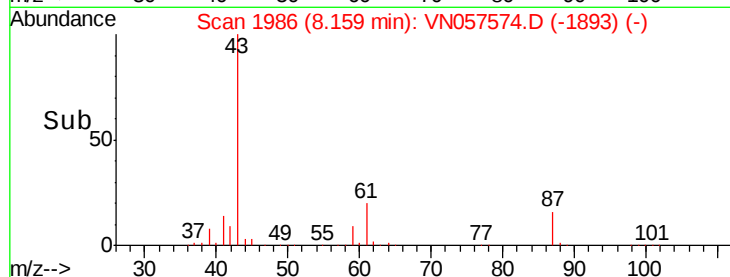
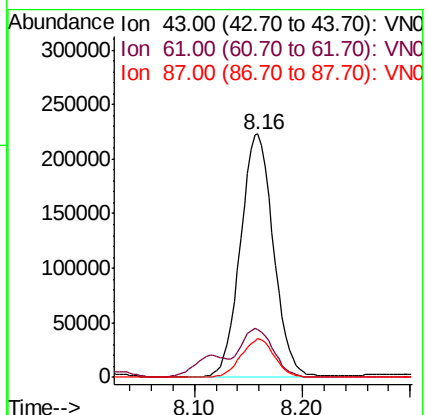
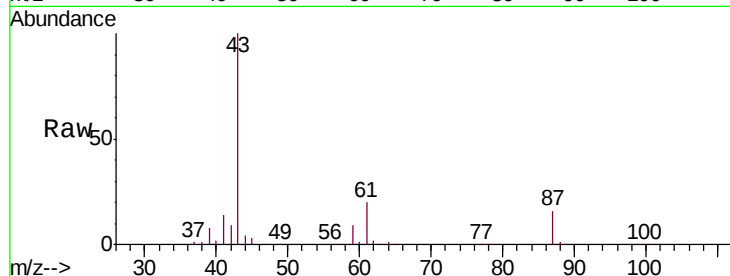
Tot Ion: 43 Resp: 474801

Ion Ratio Lower Upper

43 100

61 19.7 14.5 21.7

87 15.8 8.6 12.8#



#44

Trichloroethene

Concen: 50.896 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057574.D

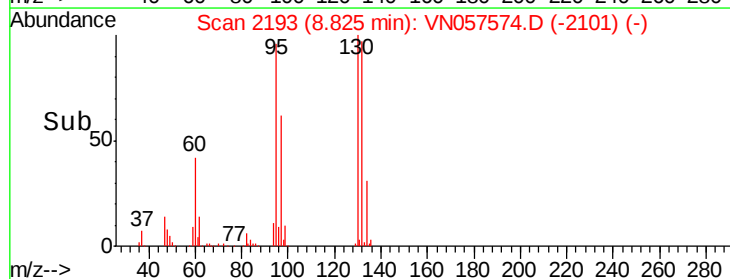
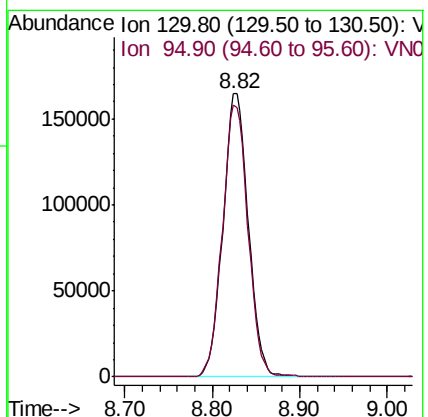
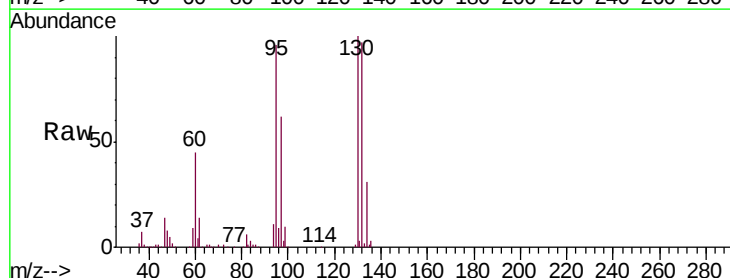
Acq: 30 Aug 2019 1:57

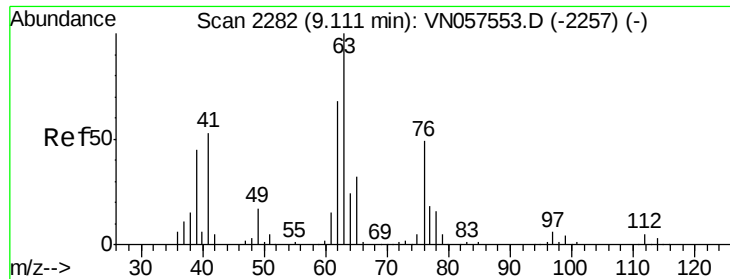
Tgt Ion:130 Resp: 331569

Ion Ratio Lower Upper

130 100

95 95.9 0.0 231.6

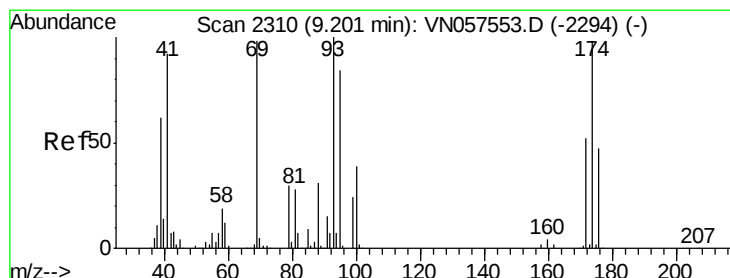
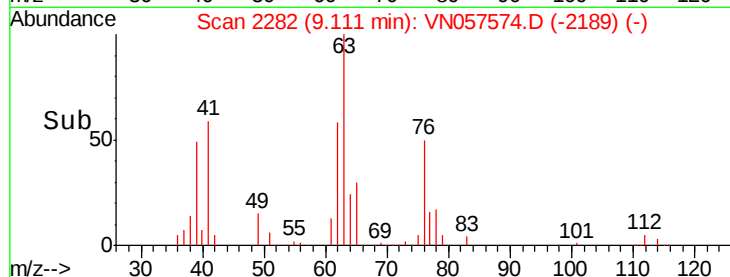
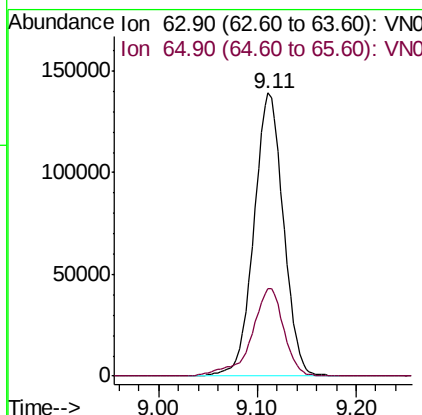
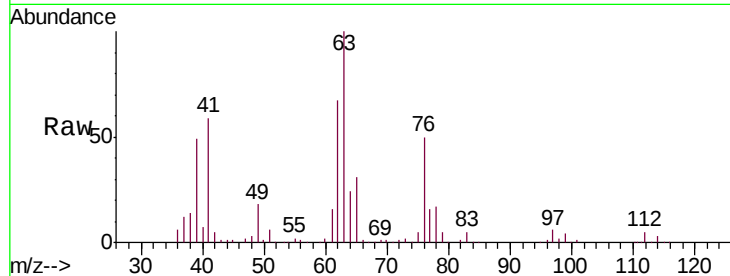




#45
 1,2-Dichloropropane
 Concen: 52.060 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

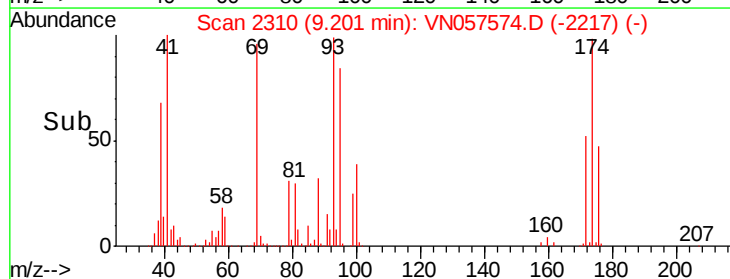
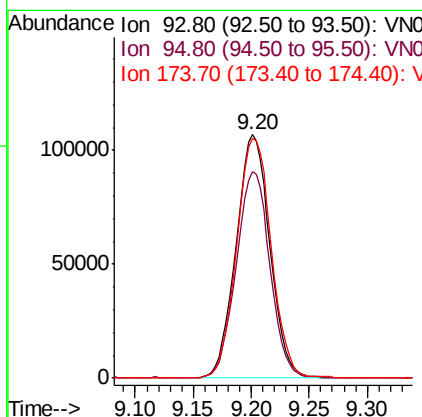
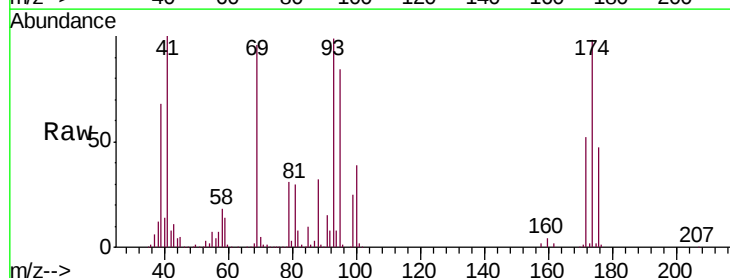
Instrument :
 MSVOA_N
 ClientSampled :

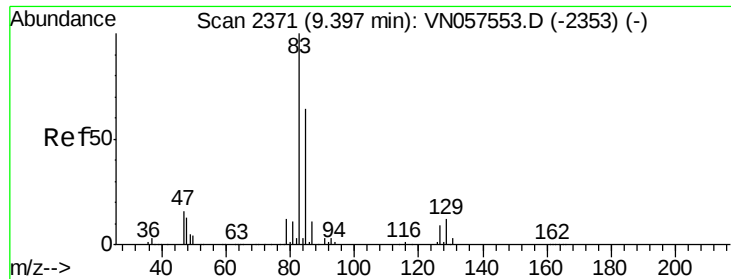
Tot Ion: 63 Resp: 286999
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 49.985 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion: 93 Resp: 216079
 Ion Ratio Lower Upper
 93 100
 95 84.6 64.7 97.1
 174 100.7 62.3 93.5#





#47

Bromodichloromethane

Concen: 50.812 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampled :

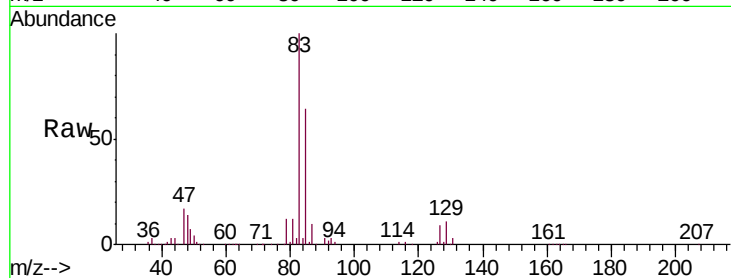
Tot Ion: 83 Resp: 452848

Ion Ratio Lower Upper

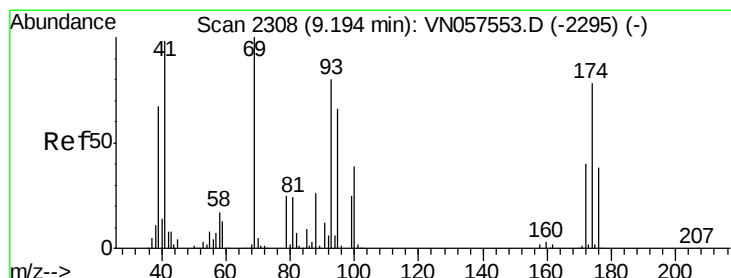
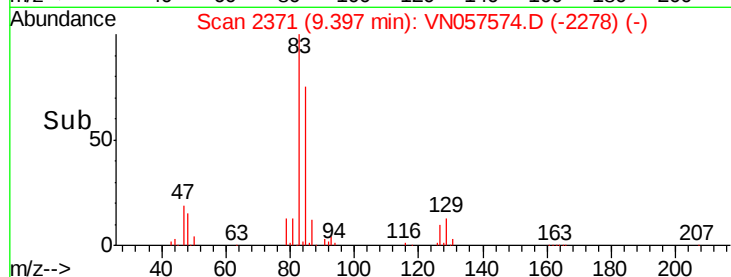
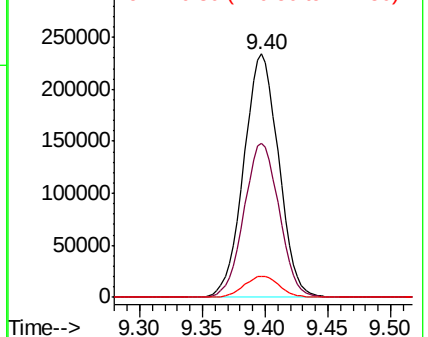
83 100

85 63.5 51.2 76.8

127 8.6 6.6 10.0



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): V



#48

Methyl methacrylate

Concen: 49.981 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

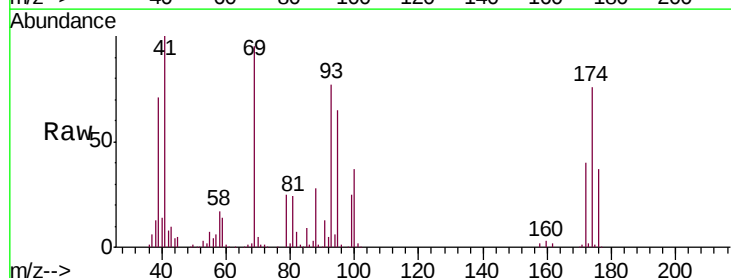
Tgt Ion: 41 Resp: 224891

Ion Ratio Lower Upper

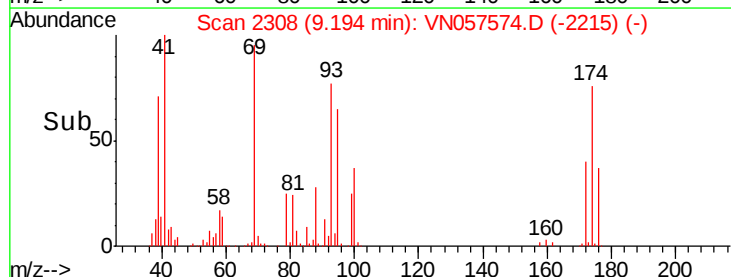
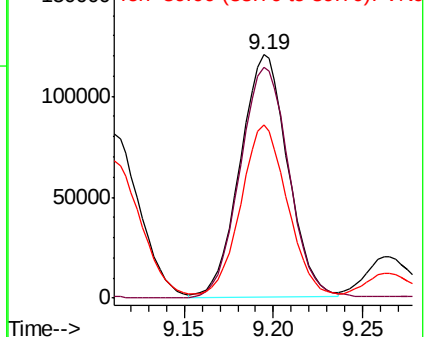
41 100

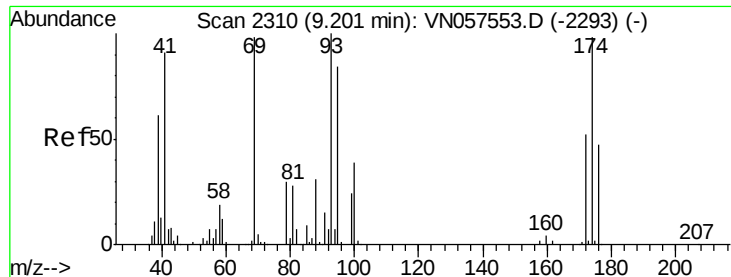
69 98.4 59.3 88.9#

39 70.1 50.6 75.8



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





#49

1,4-Dioxane

Concen: 986.237 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampled :

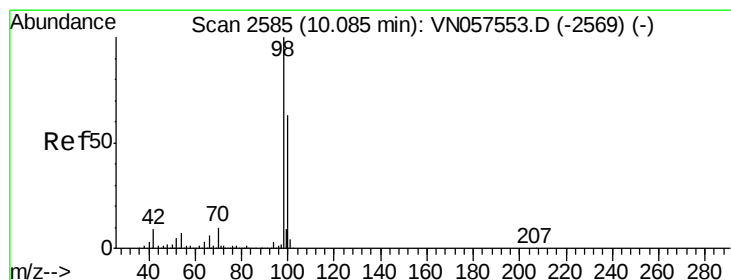
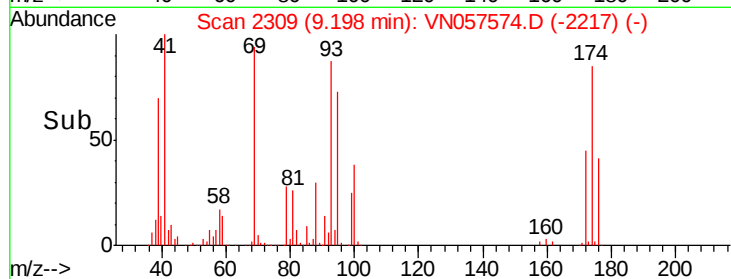
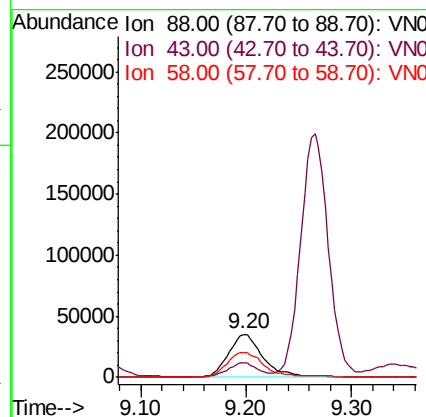
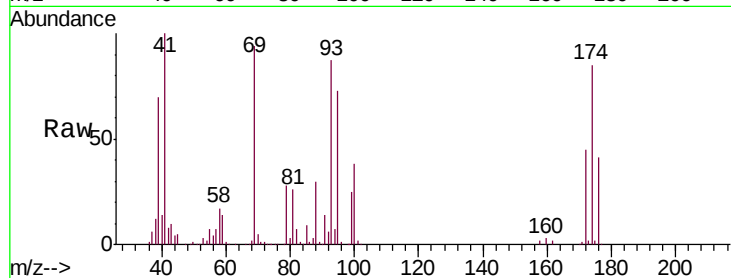
Tot Ion: 88 Resp: 80982

Ion Ratio Lower Upper

88 100

43 28.8 31.0 46.6#

58 61.0 64.5 96.7#



#50

Toluene-d8

Concen: 55.592 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057574.D

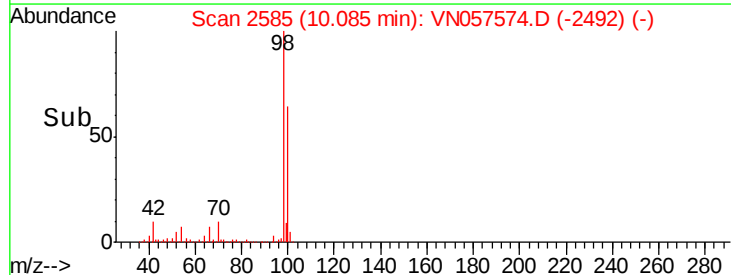
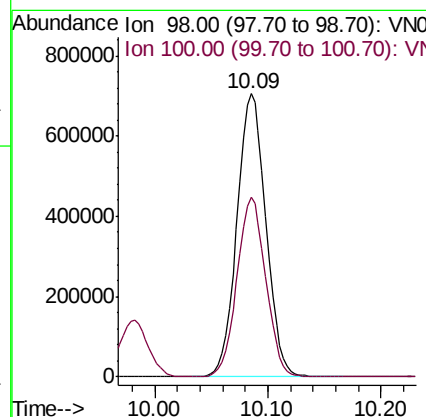
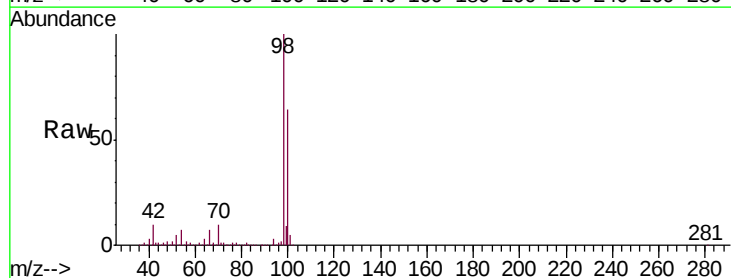
Acq: 30 Aug 2019 1:57

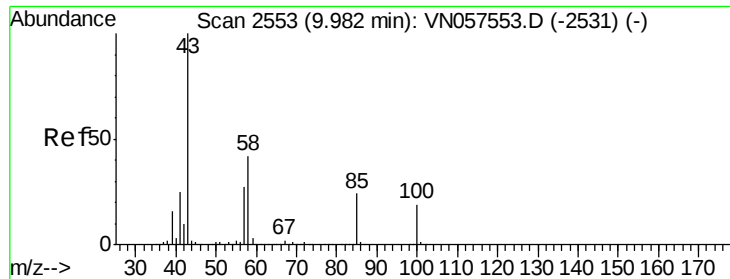
Tgt Ion: 98 Resp: 1255999

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6

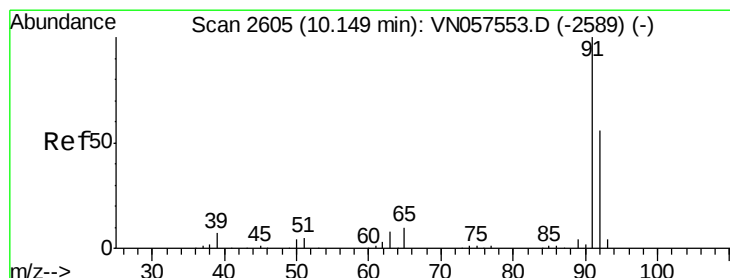
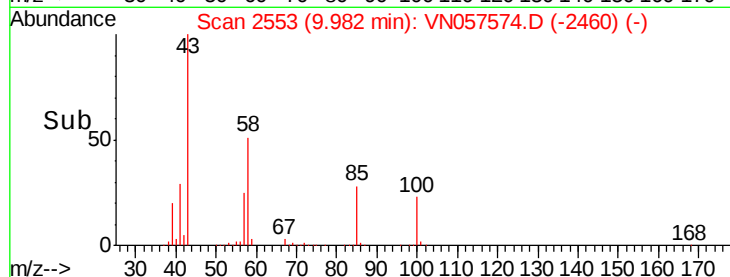
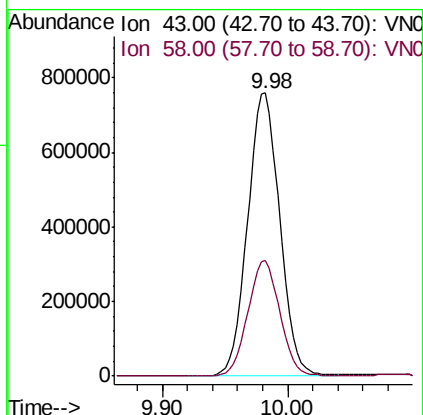
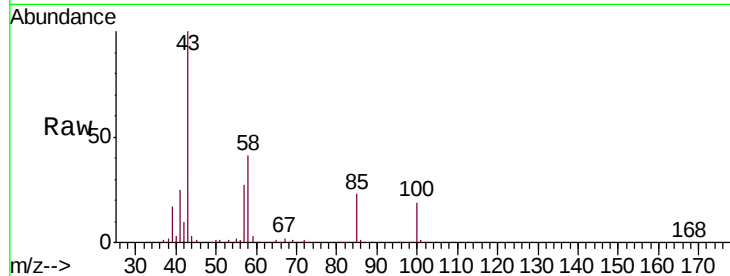




#51
 4-Methyl-2-Pentanone
 Concen: 265.841 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

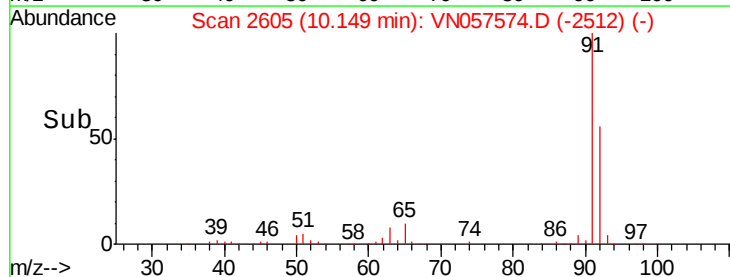
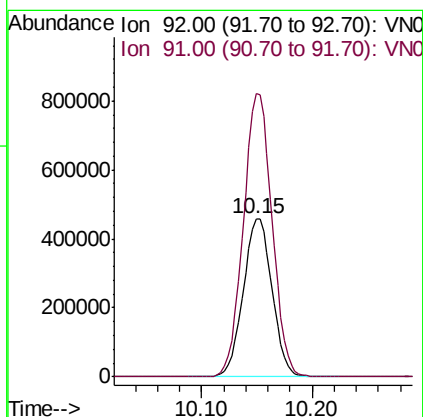
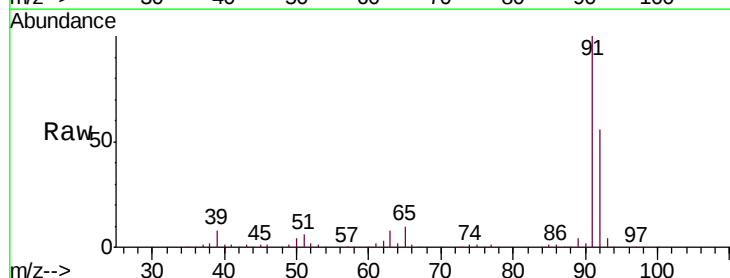
Instrument :
 MSVOA_N
 ClientSampled :

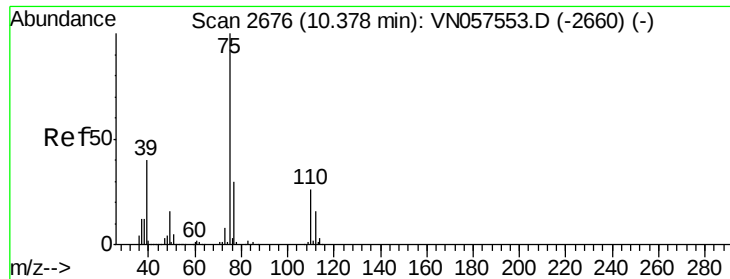
Tot Ion: 43 Resp: 1353590
 Ion Ratio Lower Upper
 43 100
 58 40.8 27.9 41.9



#52
 Toluene
 Concen: 54.186 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion: 92 Resp: 828196
 Ion Ratio Lower Upper
 92 100
 91 178.8 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 52.013 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

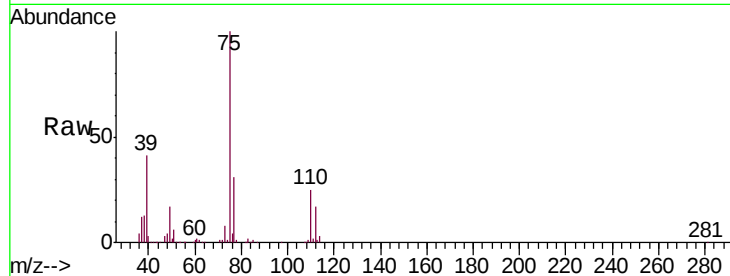
ClientSampled :

Tot Ion: 75 Resp: 447978

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

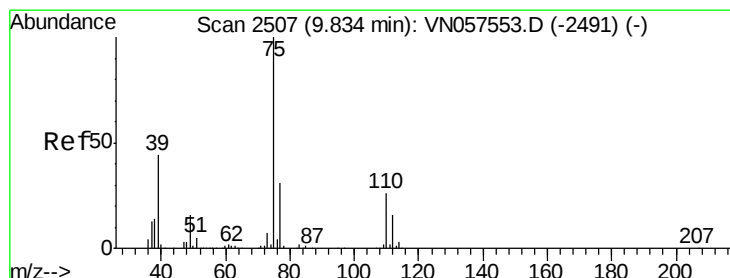
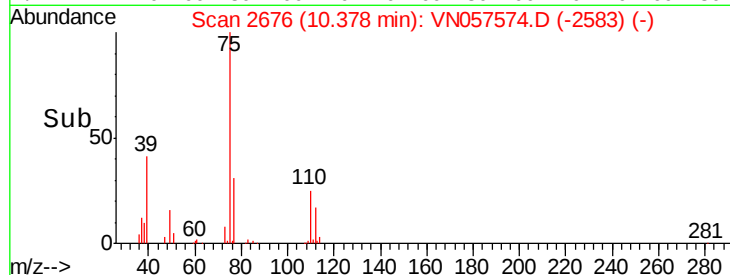
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.384 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

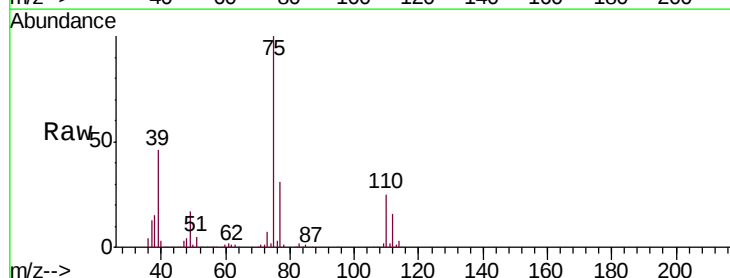
Tgt Ion: 75 Resp: 470009

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 46.2 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

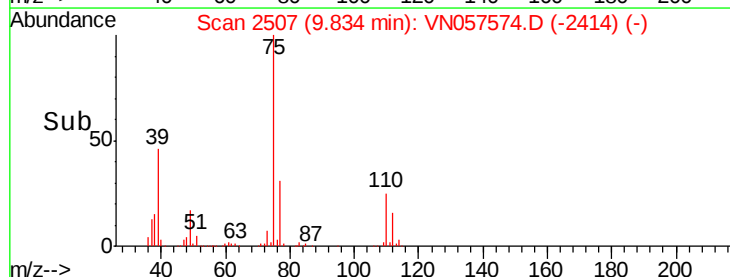
300000

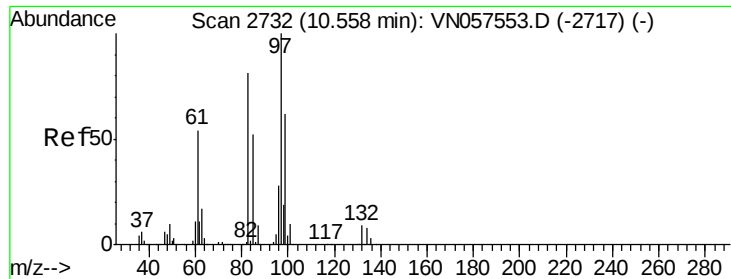
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.699 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

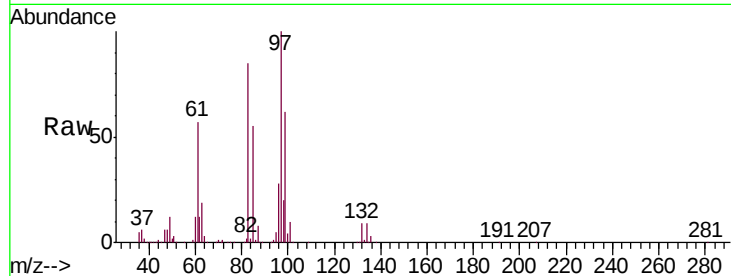
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 309780

Ion	Ratio	Lower	Upper
97	100		
83	85.1	73.7	110.5
85	54.9	46.8	70.2
99	61.4	49.8	74.8



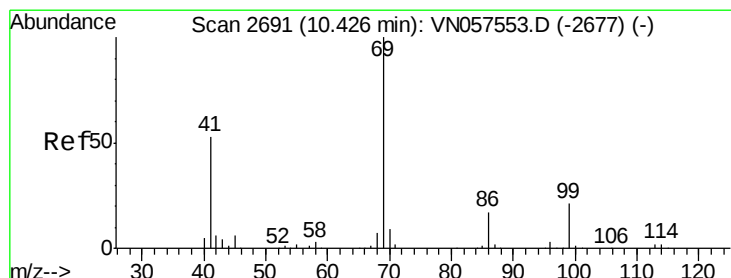
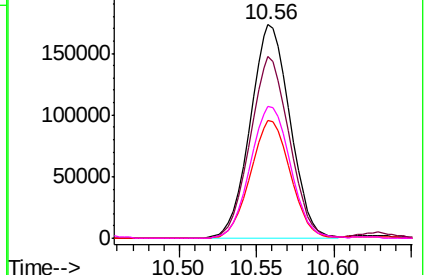
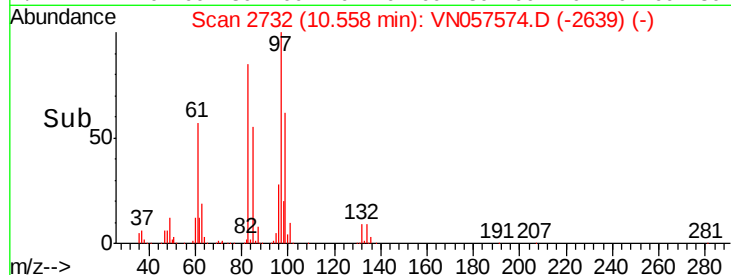
Abundance

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: 54.308 ug/l

RT: 10.43 min Scan# 2691

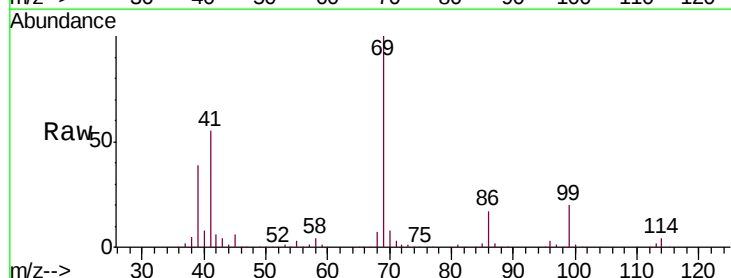
Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Tgt Ion: 69 Resp: 424926

Ion	Ratio	Lower	Upper
69	100		
41	54.3	60.8	91.2#
39	37.9	36.5	54.7

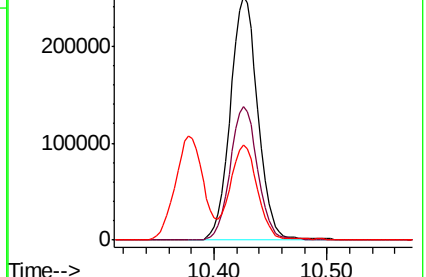
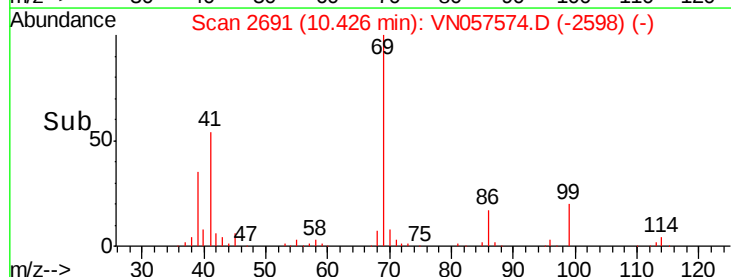


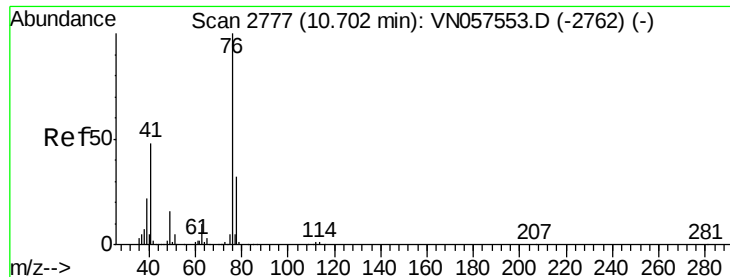
Abundance

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: 53.374 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

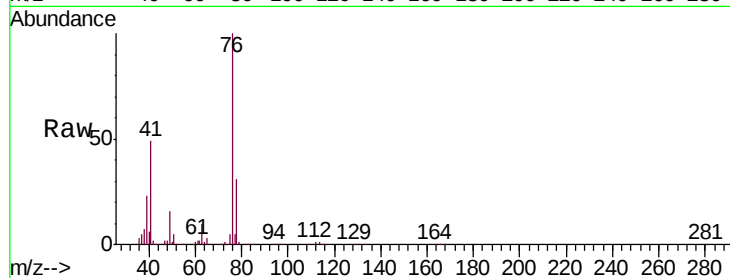
ClientSampled :

Tot Ion: 76 Resp: 501212

Ion Ratio Lower Upper

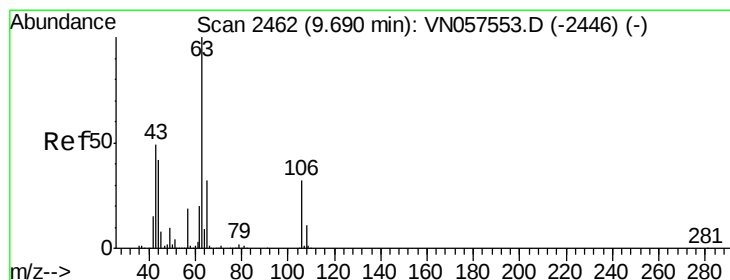
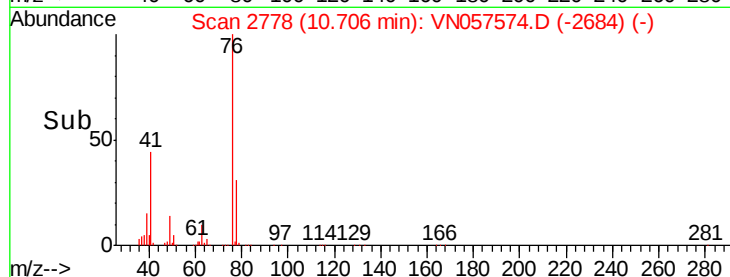
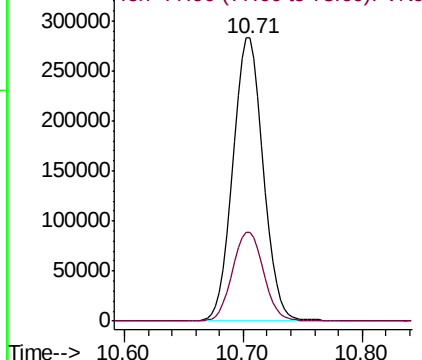
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#58

2-Chloroethyl Vinyl ether

Concen: 290.117 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057574.D

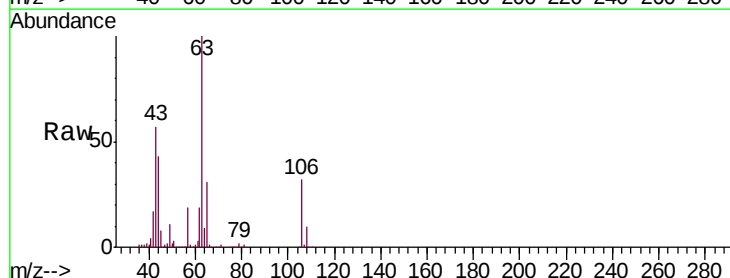
Acq: 30 Aug 2019 1:57

Tgt Ion: 63 Resp: 532567

Ion Ratio Lower Upper

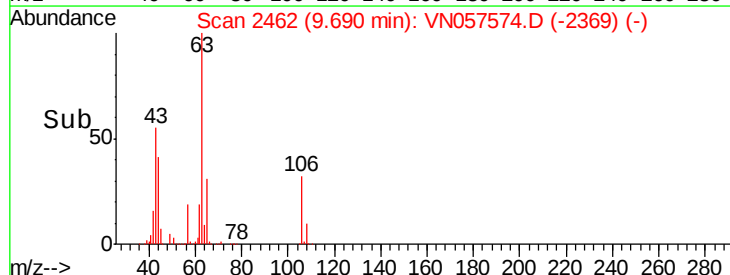
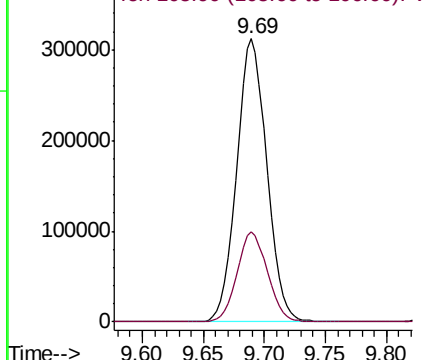
63 100

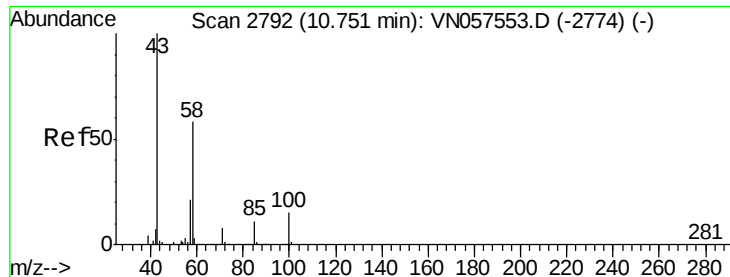
106 31.9 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 105.90 (105.60 to 106.60): V

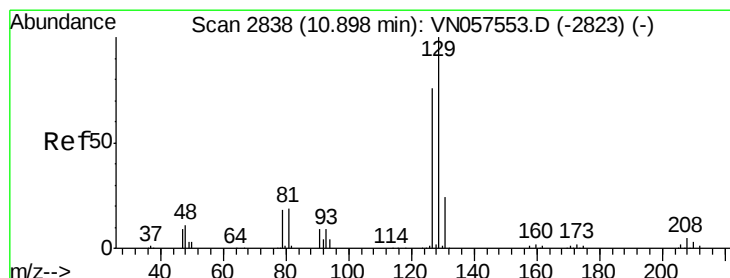
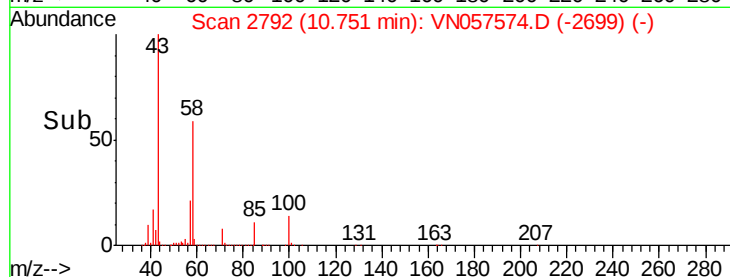
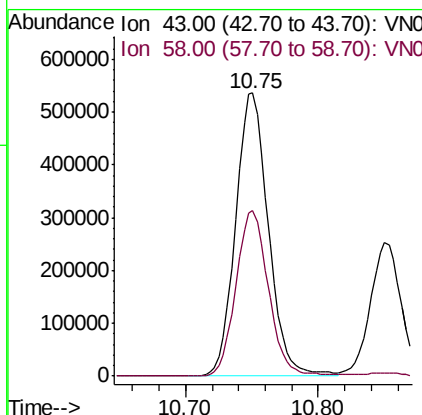
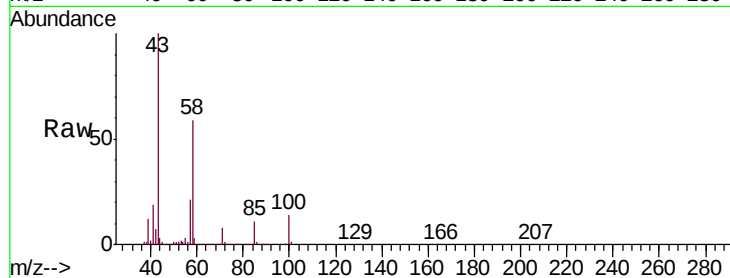




#59
2-Hexanone
Concen: 261.042 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

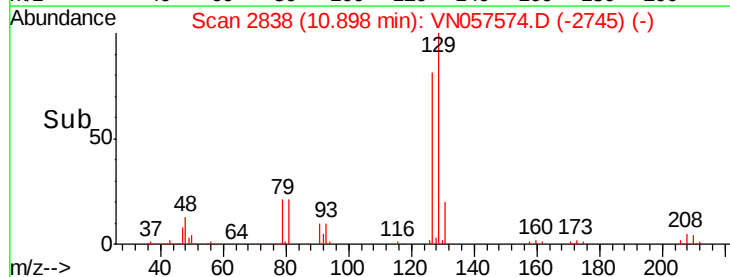
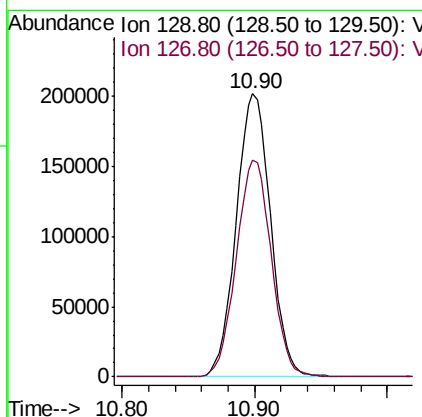
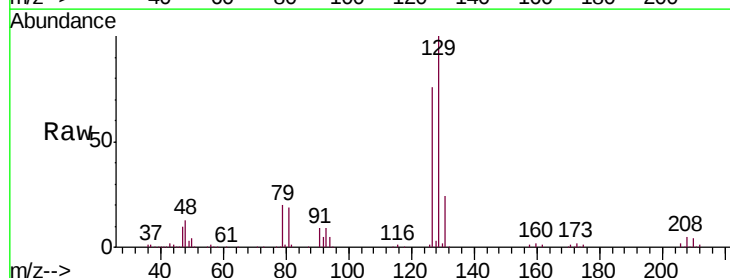
Instrument :
MSVOA_N
ClientSampled :

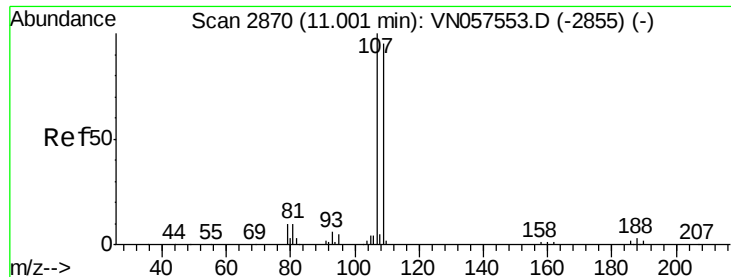
Tot Ion: 43 Resp: 917664
Ion Ratio Lower Upper
43 100
58 58.3 24.6 73.6



#60
Dibromochloromethane
Concen: 54.178 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 129 Resp: 363279
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9

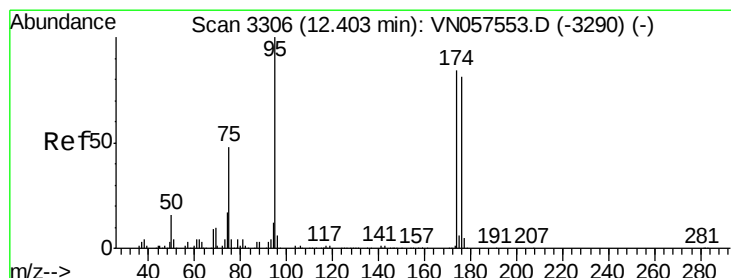
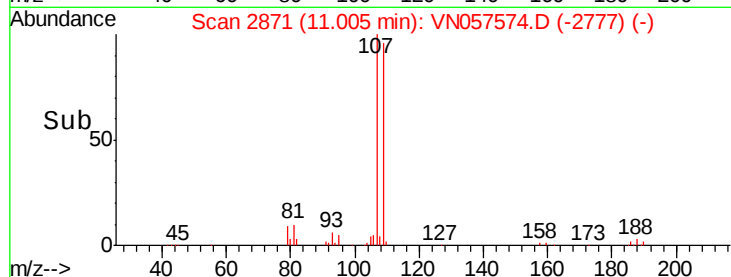
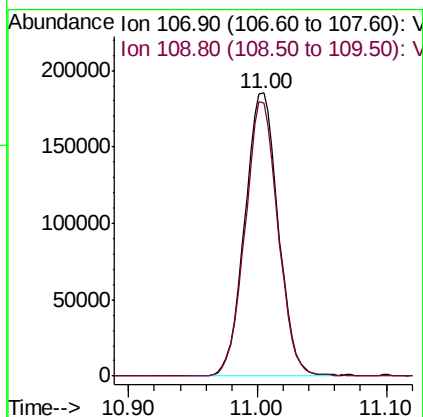
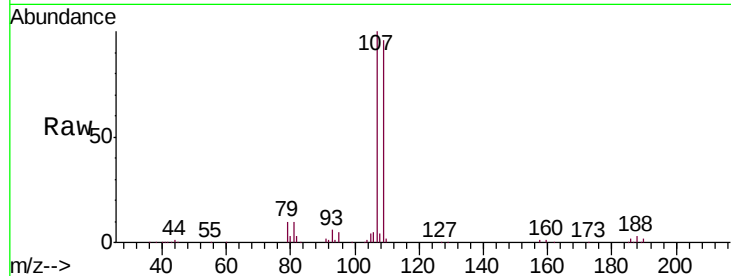




#61
 1,2-Dibromoethane
 Concen: 54.412 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

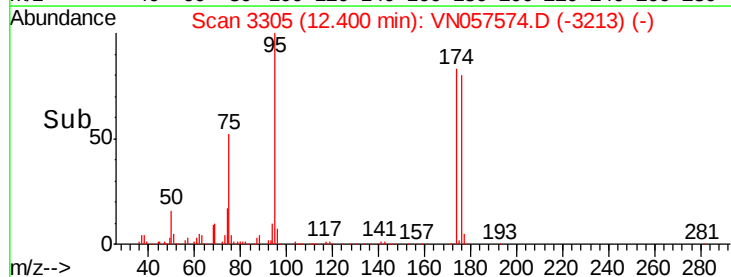
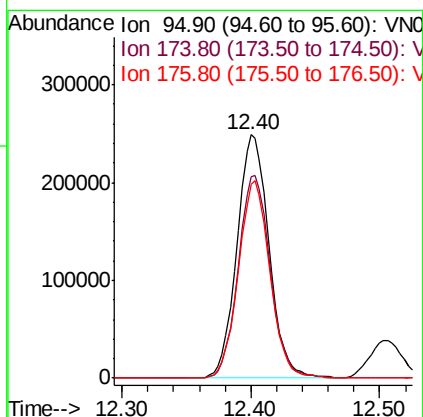
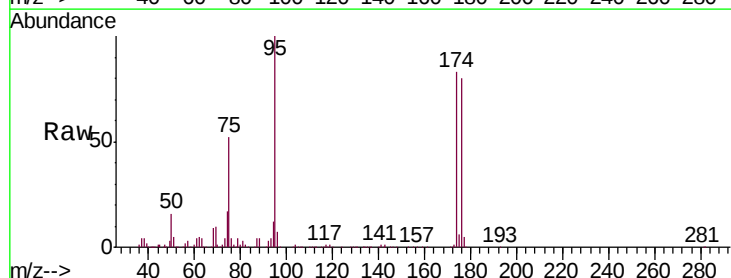
Instrument :
 MSVOA_N
 ClientSampleId :

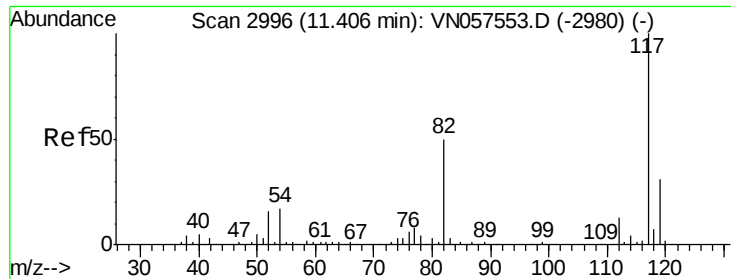
Tot Ion:107 Resp: 334708
 Ion Ratio Lower Upper
 107 100
 109 95.2 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 56.201 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion: 95 Resp: 429656
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 133.0
 176 79.8 0.0 130.8

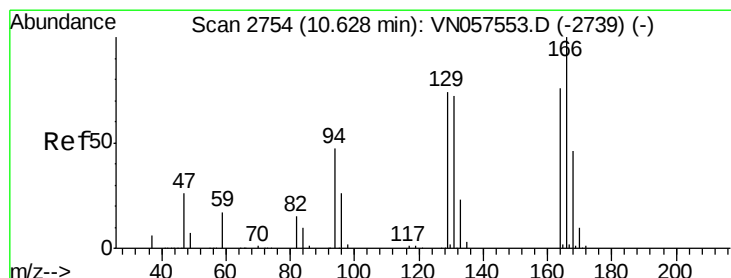
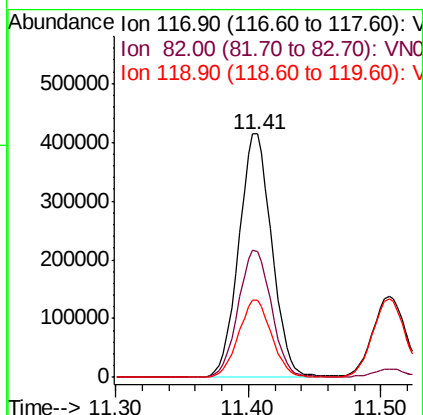
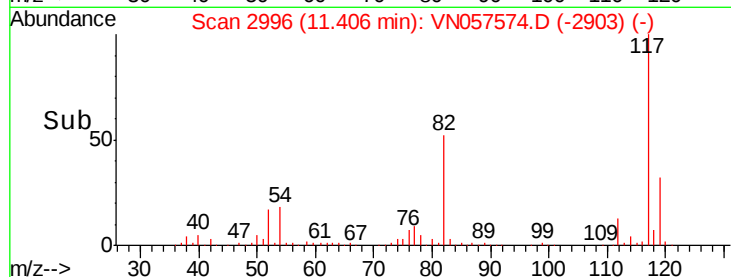
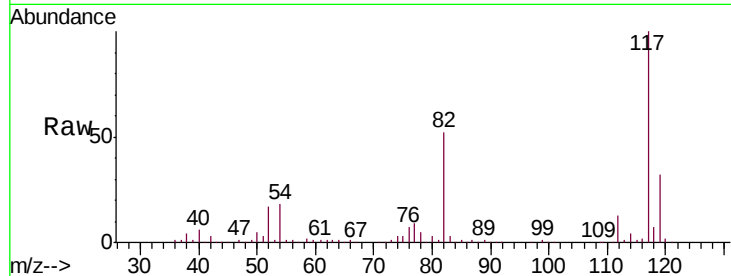




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

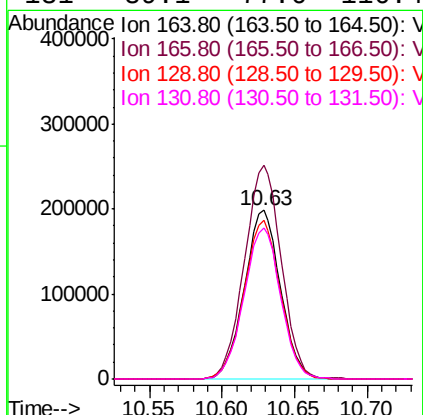
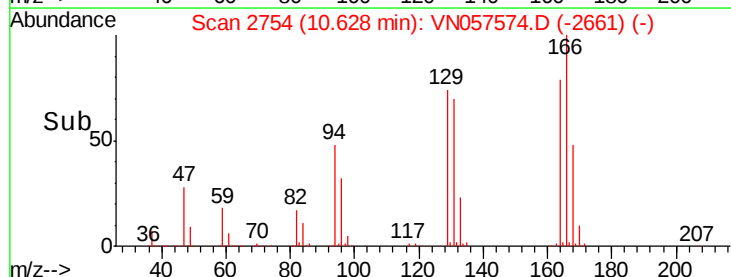
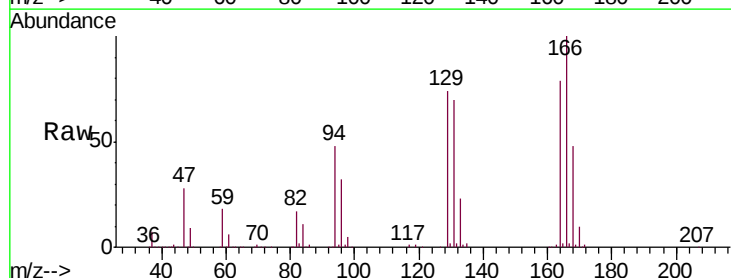
Instrument :
MSVOA_N
ClientSampled :

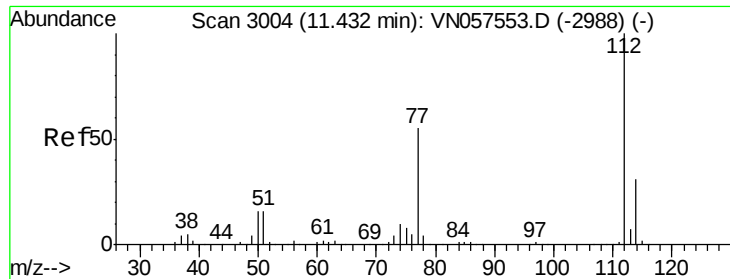
Tot Ion:117 Resp: 717858
Ion Ratio Lower Upper
117 100
82 51.7 50.6 75.8
119 31.8 24.6 36.8



#64
Tetrachloroethene
Concen: 46.669 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion:164 Resp: 344087
Ion Ratio Lower Upper
164 100
166 126.4 104.4 156.6
129 93.6 86.6 130.0
131 89.1 77.6 116.4

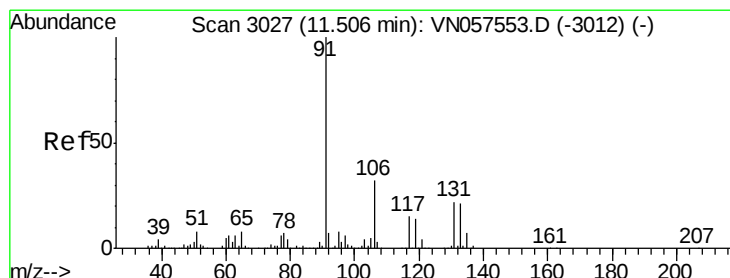
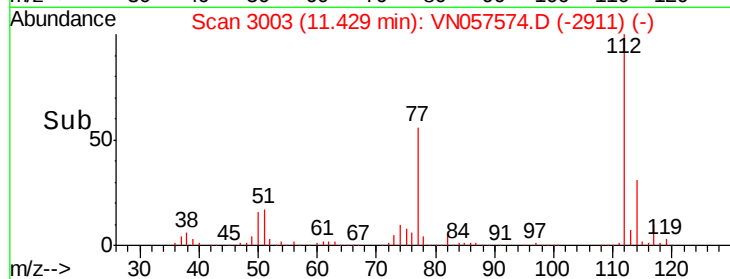
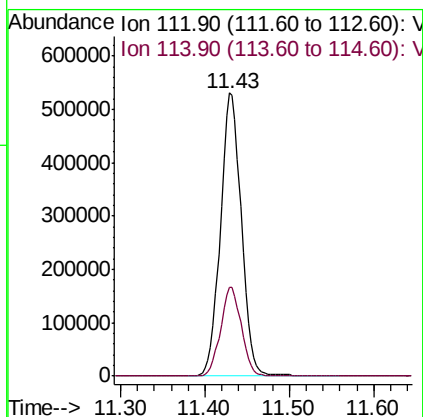
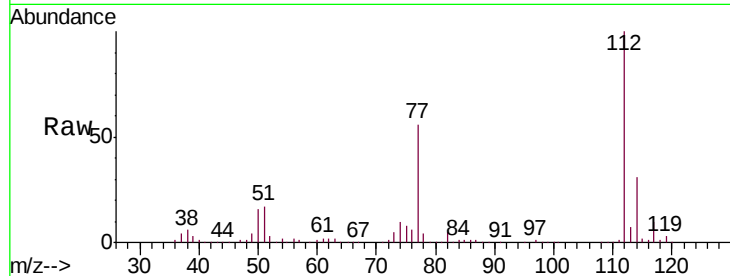




#65
Chlorobenzene
Concen: 50.687 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

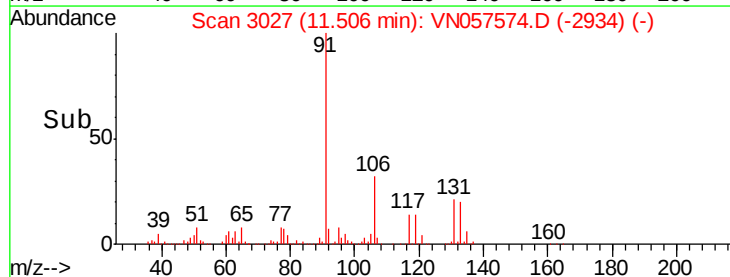
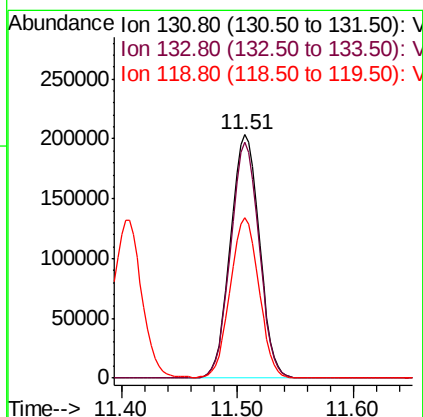
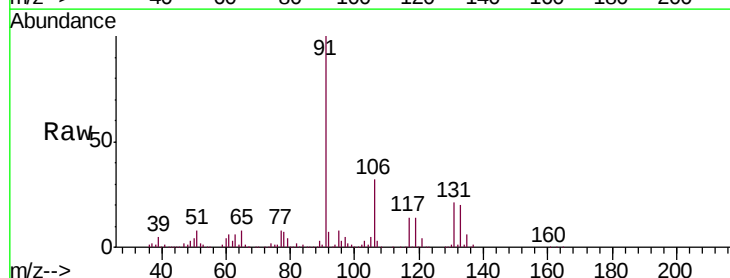
Instrument :
MSVOA_N
ClientSampled :

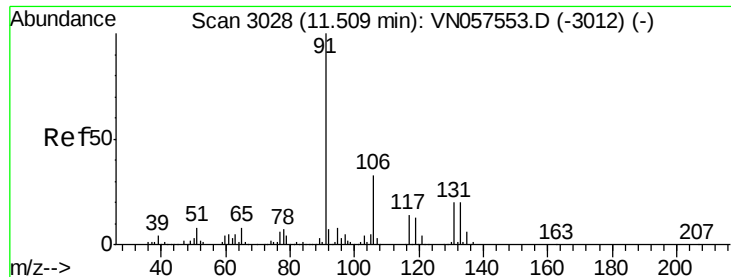
Tot Ion:112 Resp: 913304
Ion Ratio Lower Upper
112 100
114 31.3 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.399 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion:131 Resp: 351033
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 65.4 34.4 103.2

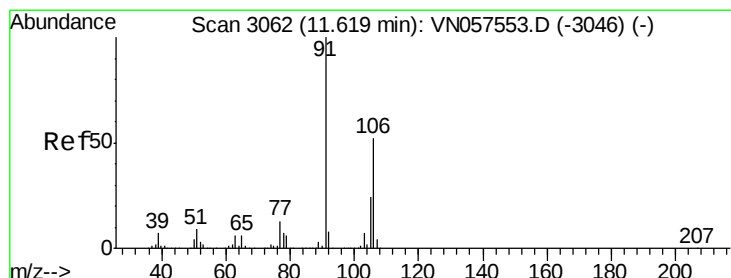
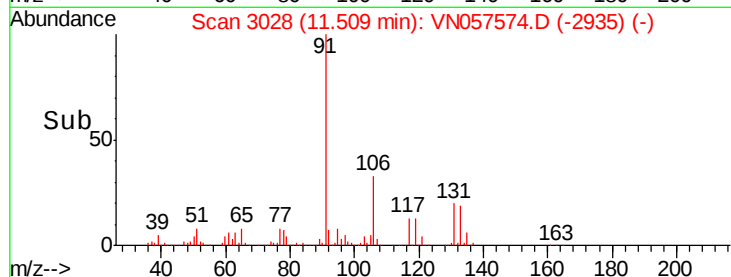
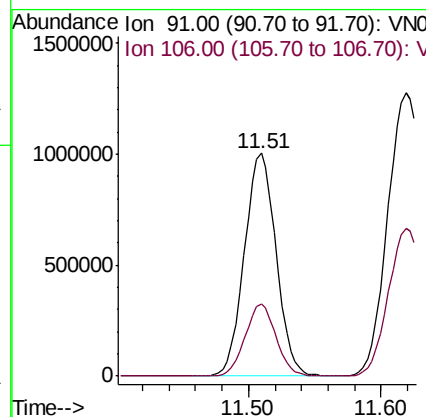
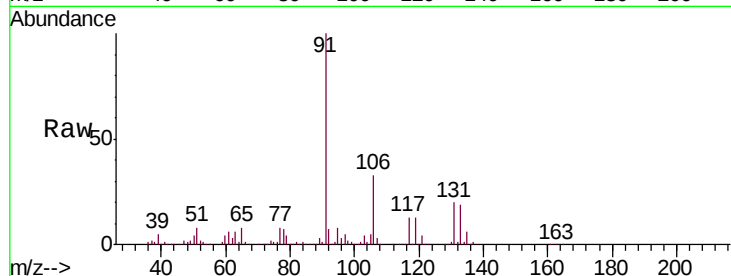




#67
Ethyl Benzene
Concen: 52.658 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

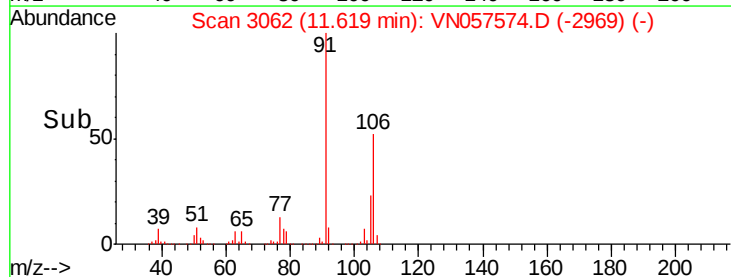
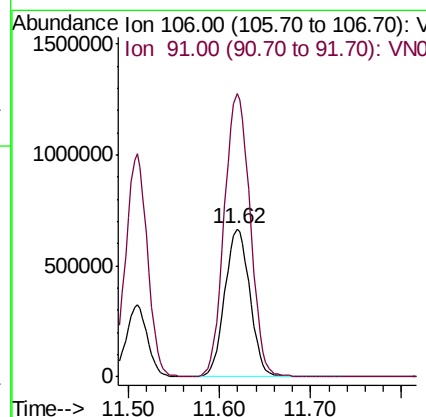
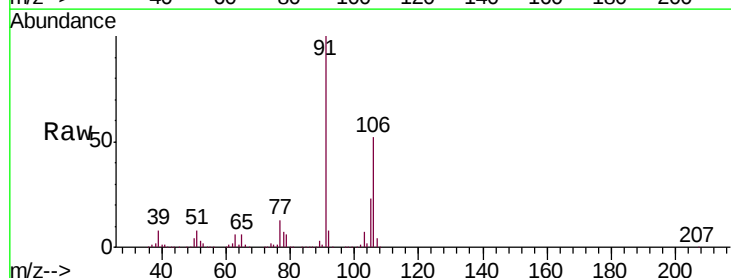
Instrument :
MSVOA_N
ClientSampled :

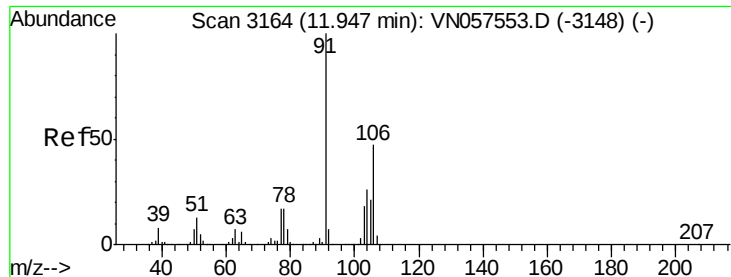
Tot Ion: 91 Resp: 1666203
Ion Ratio Lower Upper
91 100
106 32.6 24.1 36.1



#68
m/p-Xylenes
Concen: 106.188 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 106 Resp: 1279714
Ion Ratio Lower Upper
106 100
91 197.0 171.8 257.6

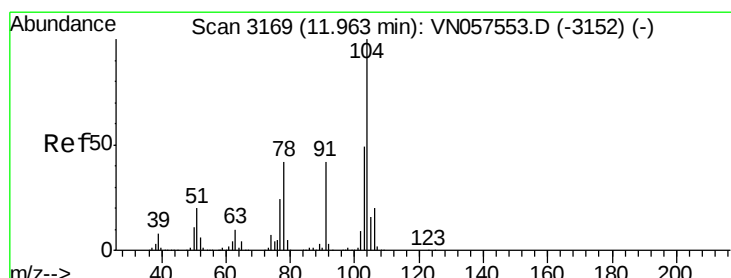
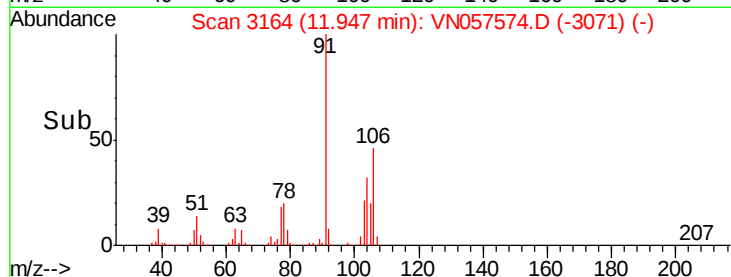
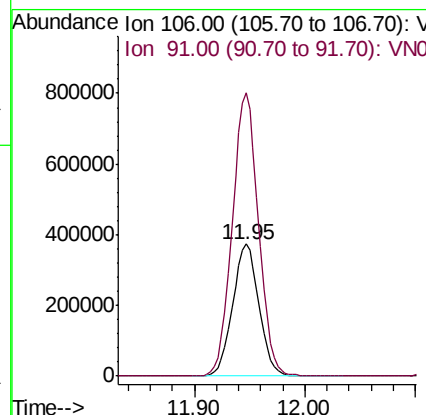
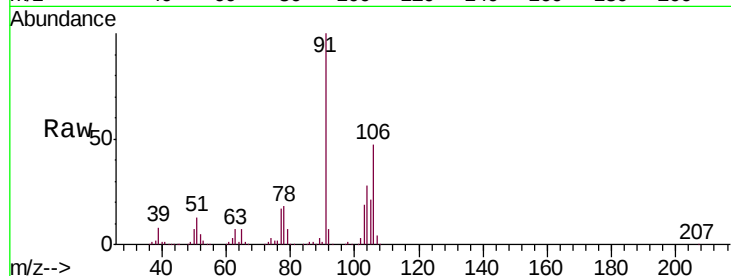




#69
o-Xylene
Concen: 50.884 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

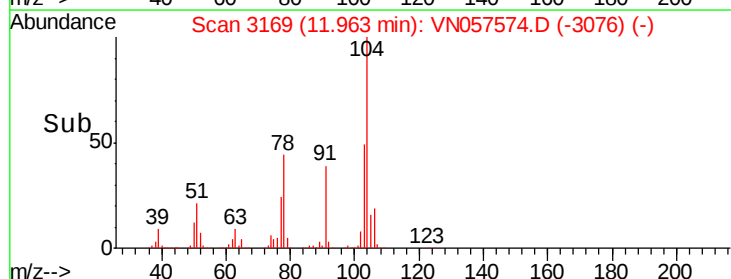
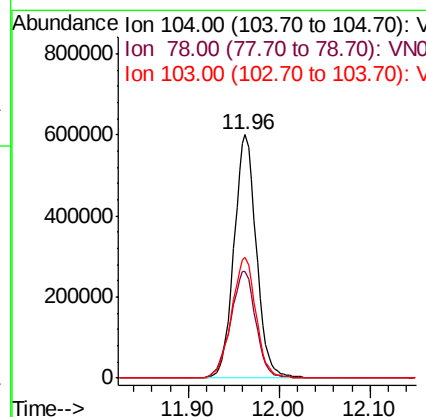
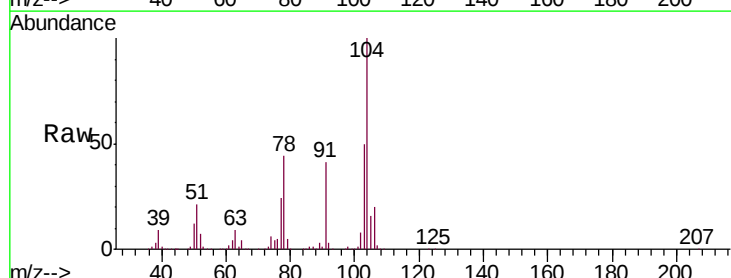
Instrument :
MSVOA_N
ClientSampled :

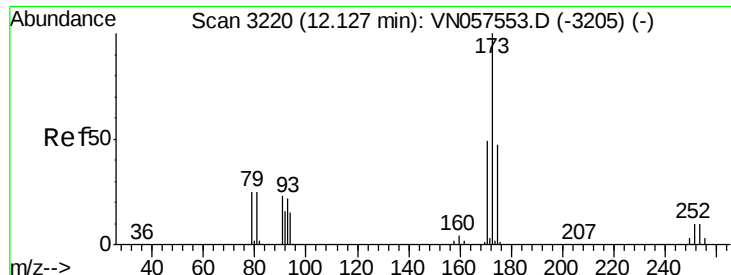
Tot Ion:106 Resp: 615811
Ion Ratio Lower Upper
106 100
91 213.6 112.3 336.9



#70
Styrene
Concen: 56.069 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion:104 Resp: 1024235
Ion Ratio Lower Upper
104 100
78 49.5 44.7 67.1
103 54.2 44.4 66.6





#71

Bromoform

Concen: 50.909 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

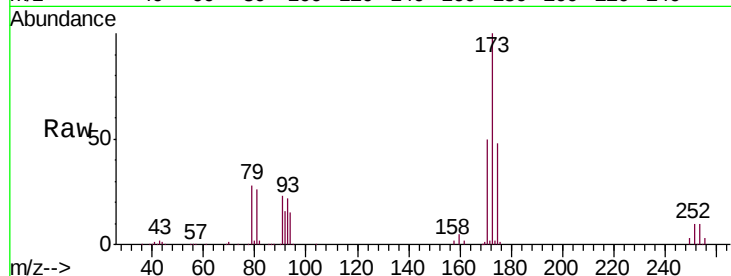
Tot Ion:173 Resp: 241488

Ion Ratio Lower Upper

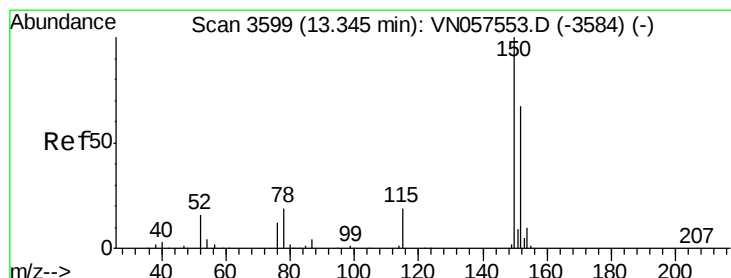
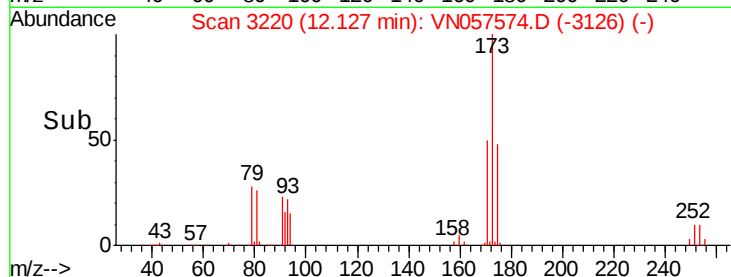
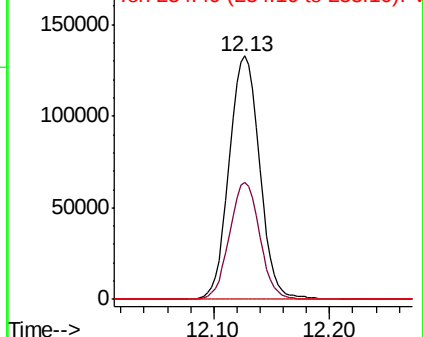
173 100

175 47.6 23.9 71.8

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

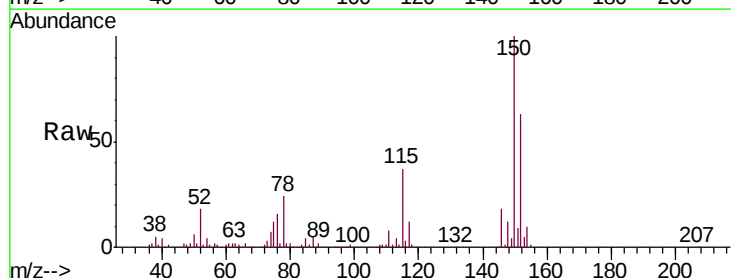
Tgt Ion:152 Resp: 355939

Ion Ratio Lower Upper

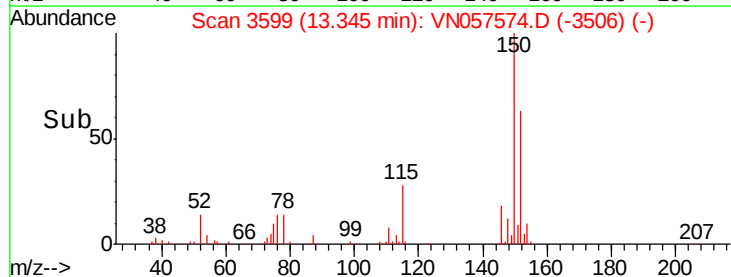
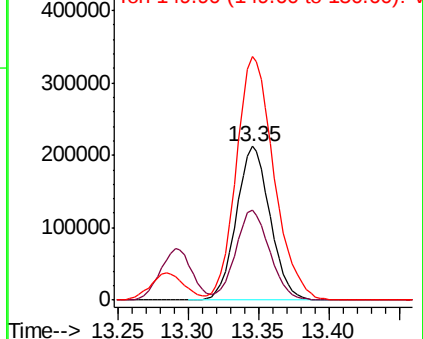
152 100

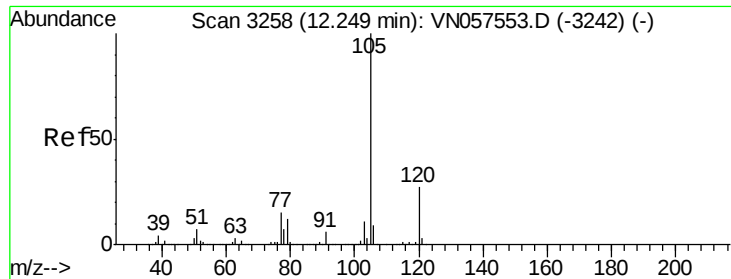
115 59.3 32.0 96.0

150 177.1 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.392 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

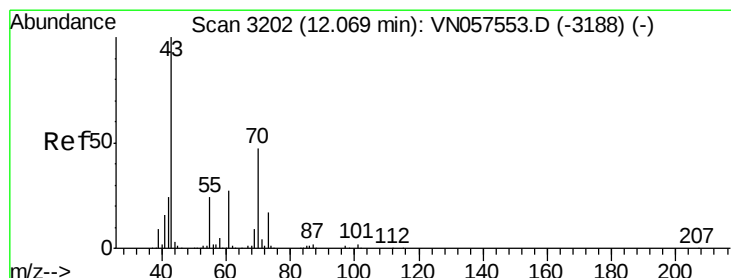
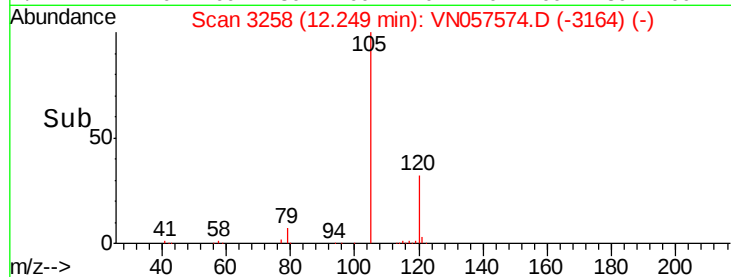
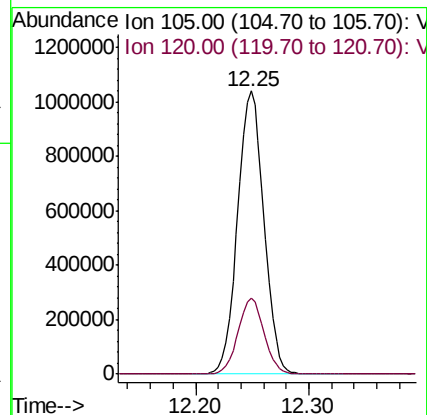
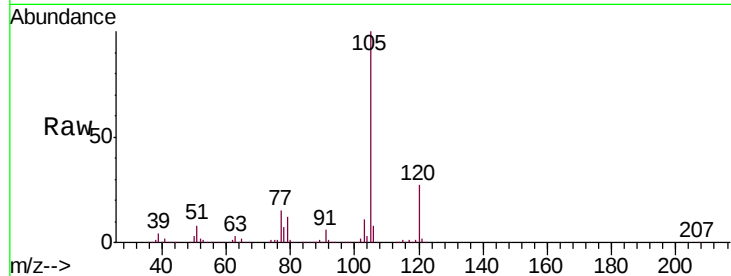
ClientSampled :

Tot Ion:105 Resp: 1685323

Ion Ratio Lower Upper

105 100

120 26.5 12.7 38.0



#74

N-ethyl acetate

Concen: 54.203 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Tgt Ion: 43 Resp: 410178

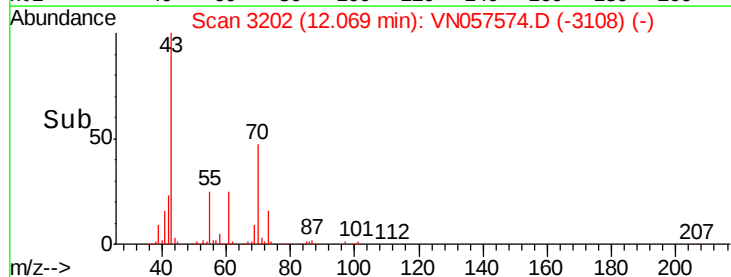
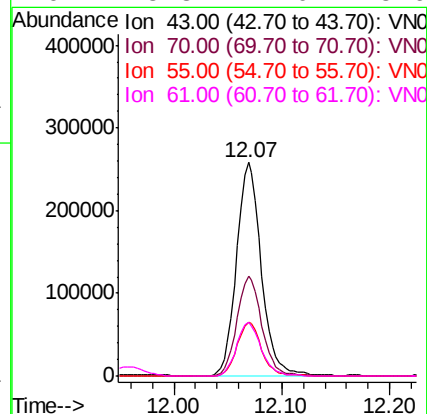
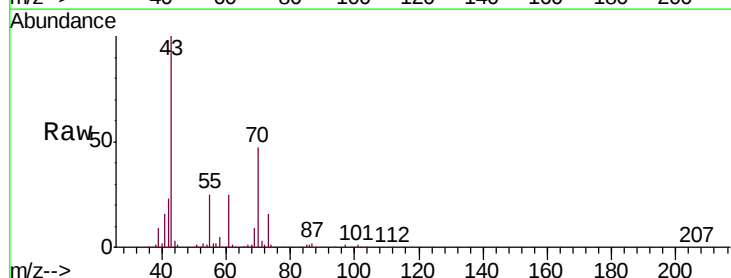
Ion Ratio Lower Upper

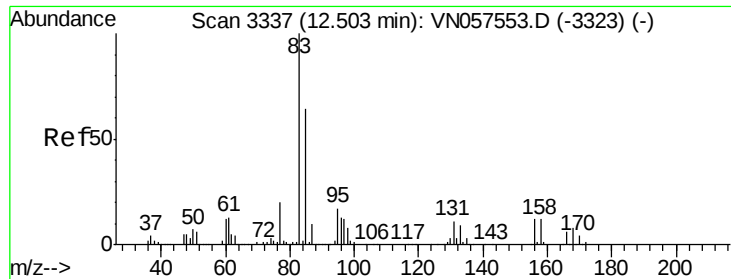
43 100

70 47.2 27.8 41.6#

55 25.0 17.0 25.4

61 25.3 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.203 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

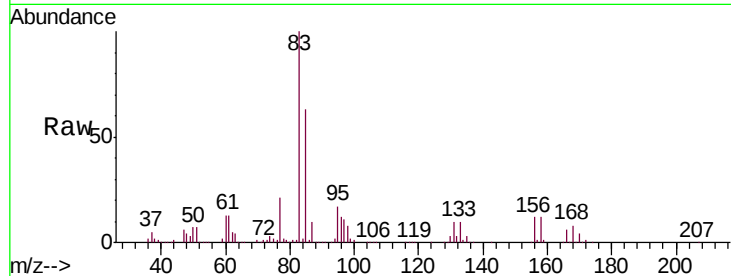
Tot Ion: 83 Resp: 401411

Ion Ratio Lower Upper

83 100

131 10.3 4.3 13.1

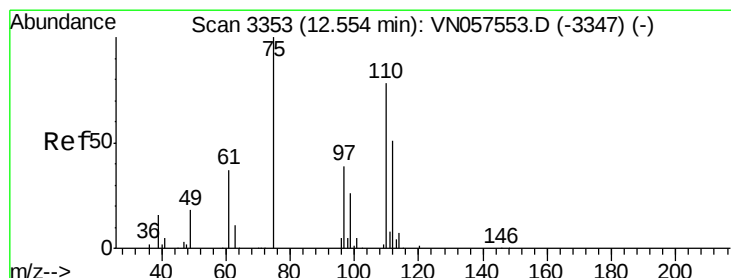
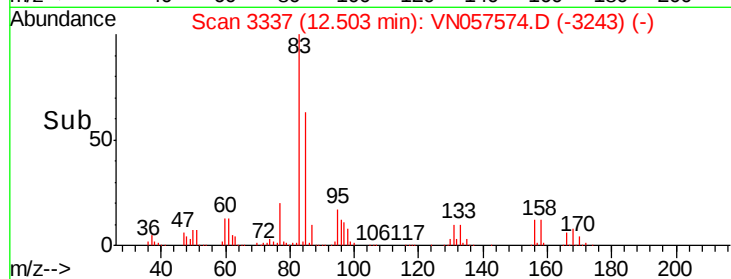
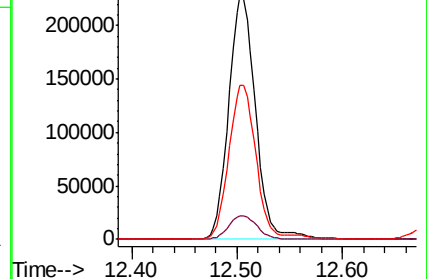
85 62.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.489 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057574.D

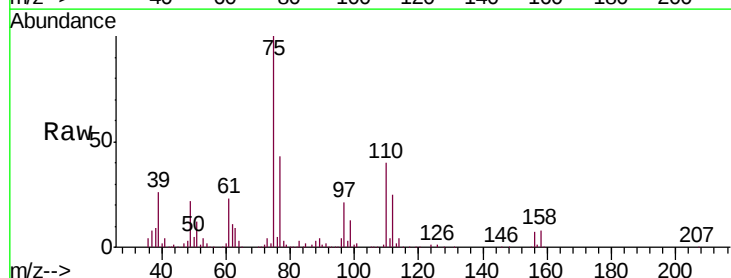
Acq: 30 Aug 2019 1:57

Tgt Ion: 75 Resp: 471034

Ion Ratio Lower Upper

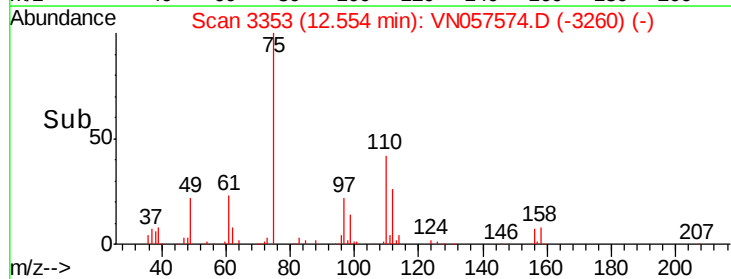
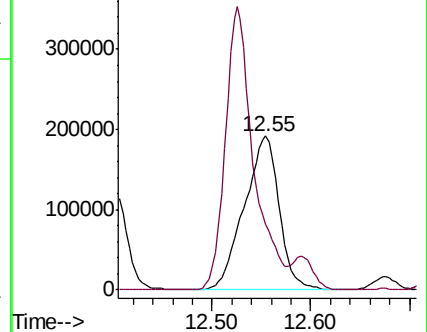
75 100

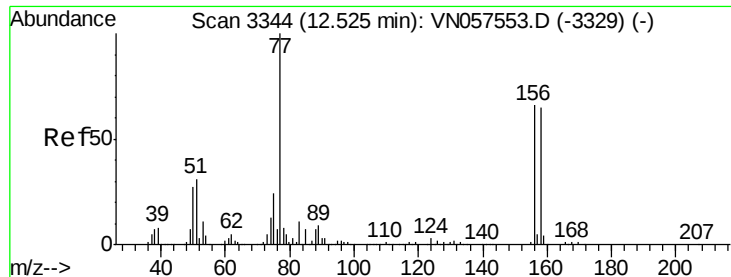
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.871 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampled :

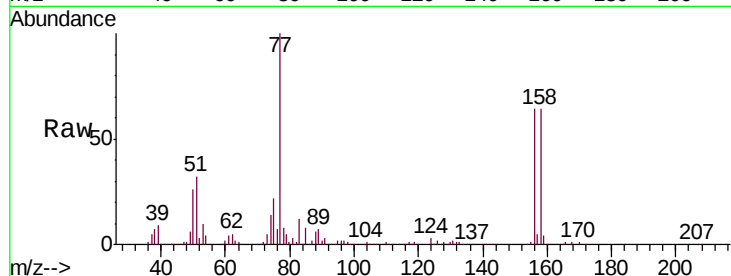
Tot Ion:156 Resp: 394005

Ion Ratio Lower Upper

156 100

77 180.4 124.4 373.3

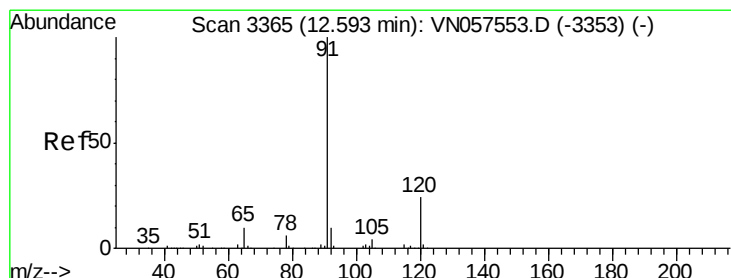
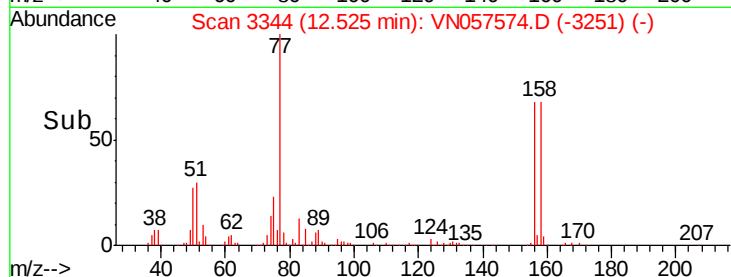
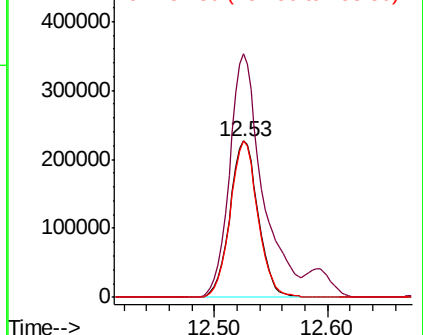
158 98.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.052 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057574.D

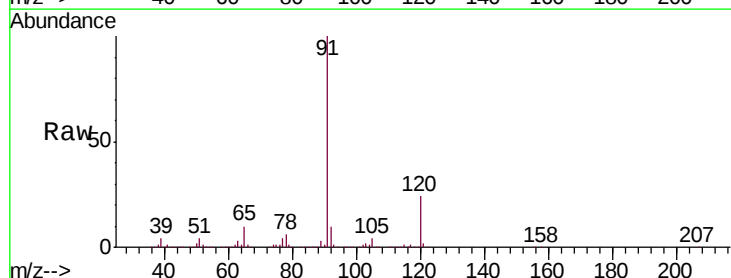
Acq: 30 Aug 2019 1:57

Tgt Ion: 91 Resp: 1770483

Ion Ratio Lower Upper

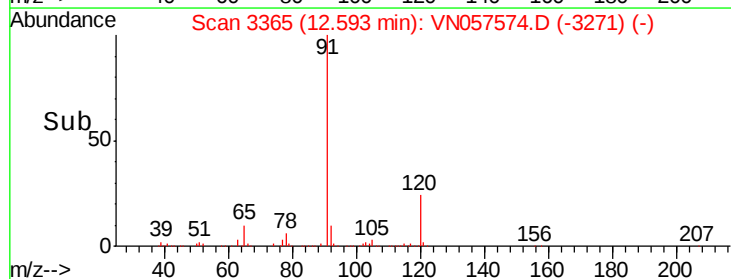
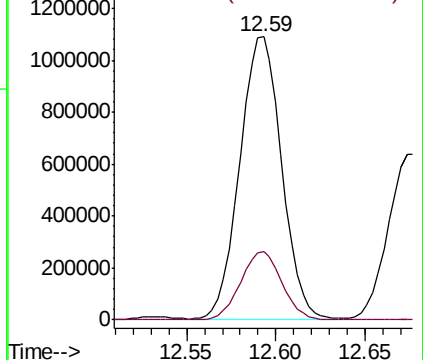
91 100

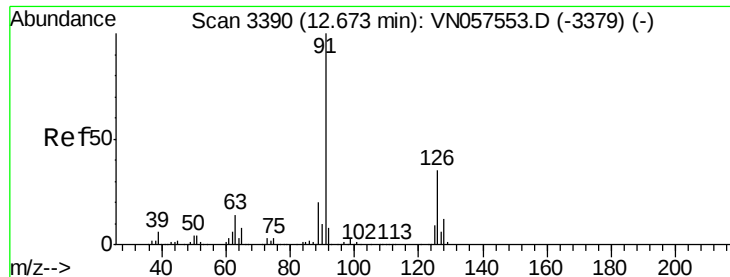
120 24.0 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.390 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

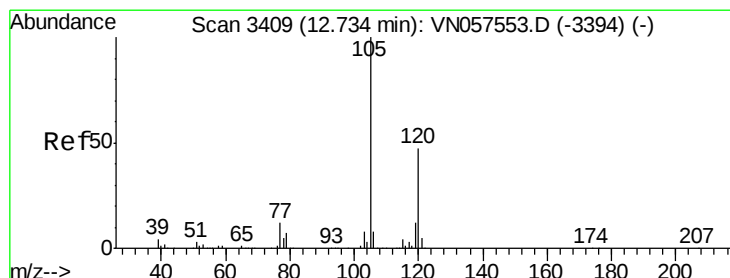
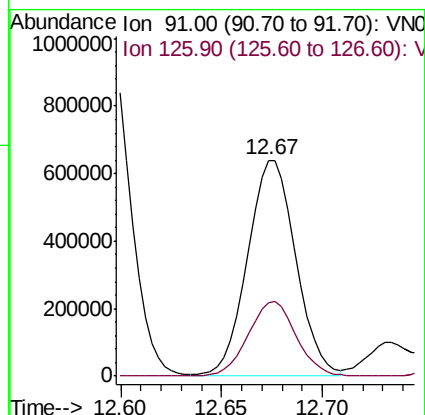
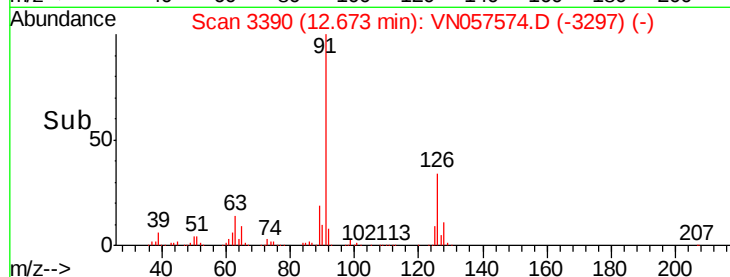
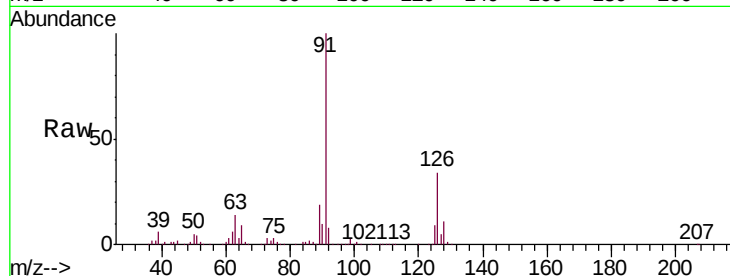
ClientSampleId :

Tot Ion: 91 Resp: 1063848

Ion Ratio Lower Upper

91 100

126 34.9 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 47.639 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057574.D

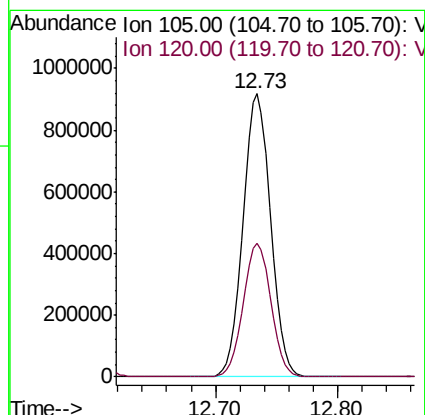
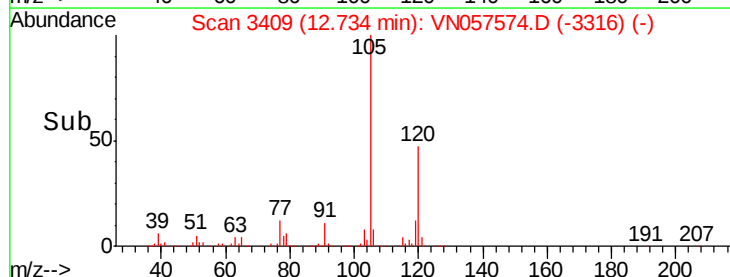
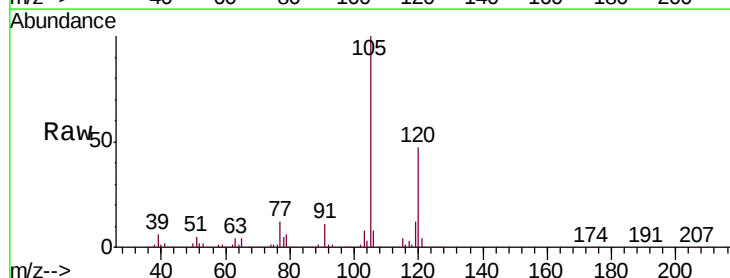
Acq: 30 Aug 2019 1:57

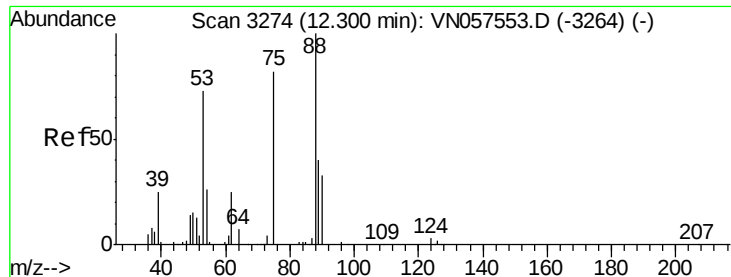
Tgt Ion: 105 Resp: 1419922

Ion Ratio Lower Upper

105 100

120 47.6 23.3 69.8

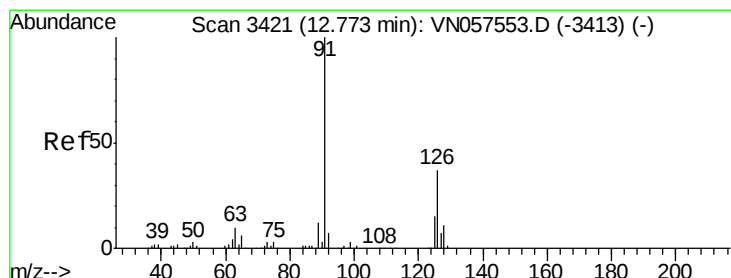
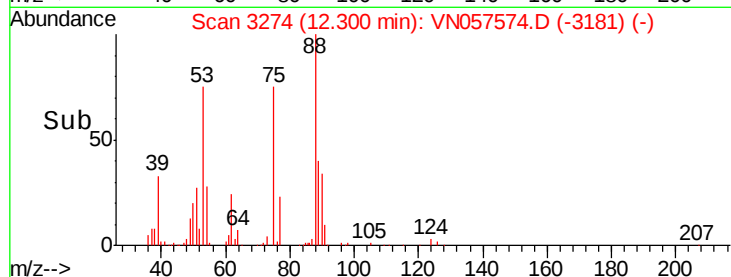
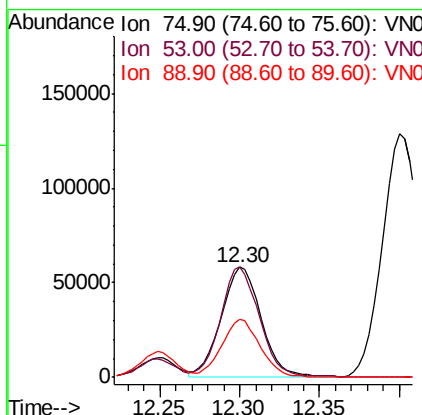
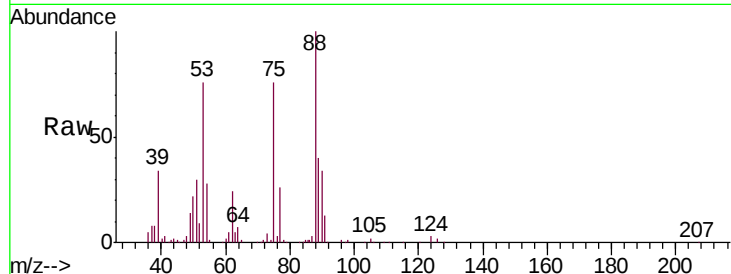




#81
trans-1,4-Dichloro-2-butene
Concen: 41.443 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

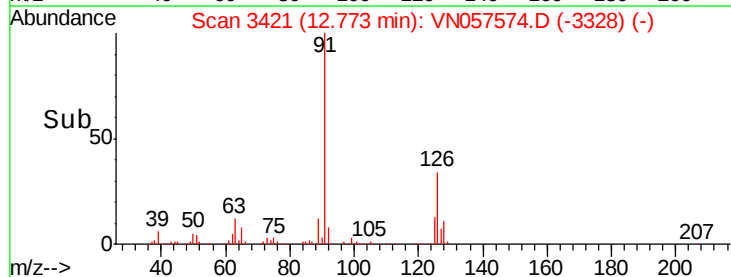
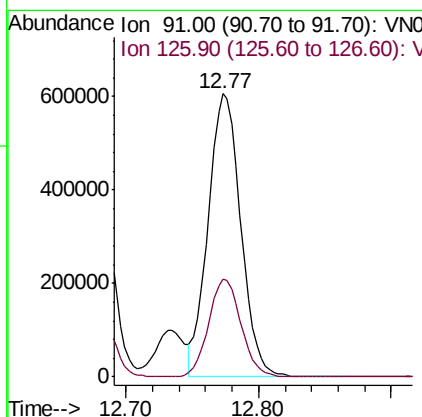
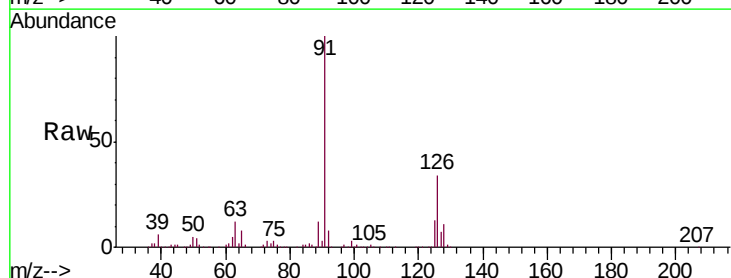
Instrument :
MSVOA_N
ClientSampled :

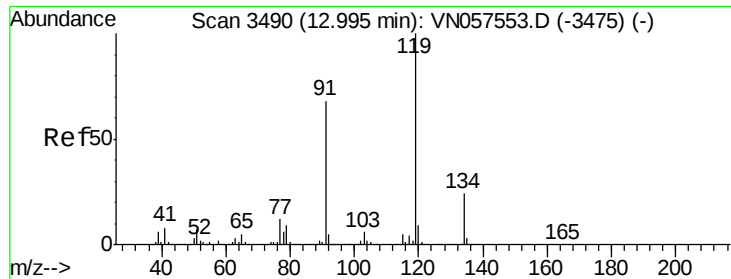
Tot Ion: 75 Resp: 98101
Ion Ratio Lower Upper
75 100
53 99.0 82.7 124.1
89 51.9 35.8 53.8



#82
4-Chlorotoluene
Concen: 47.608 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion: 91 Resp: 1035282
Ion Ratio Lower Upper
91 100
126 34.4 15.0 45.0

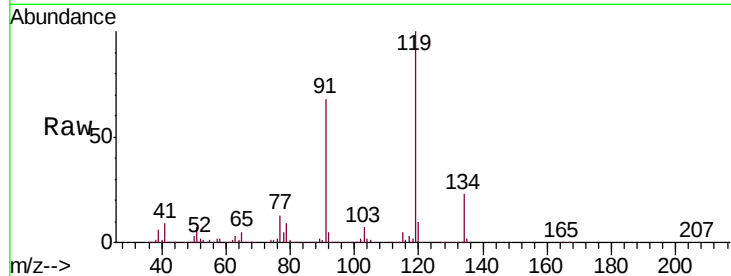




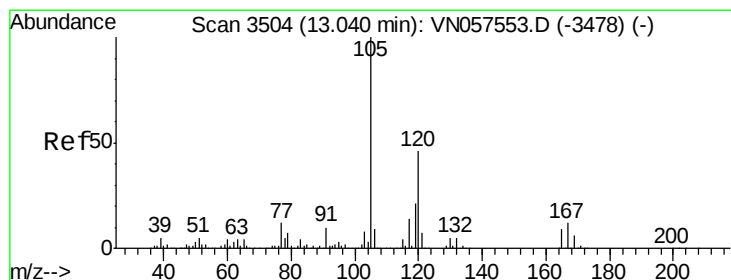
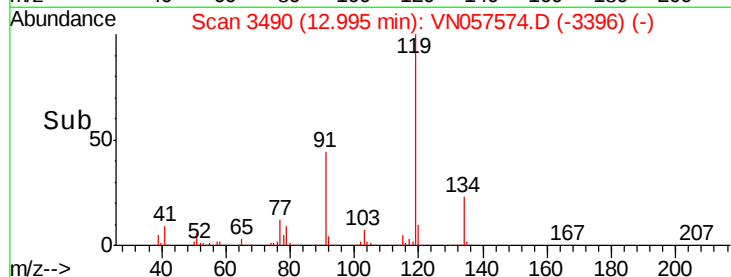
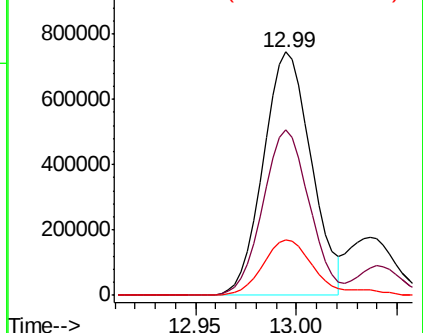
#83
tert-Butylbenzene
Concen: 54.676 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 1232107
Ion Ratio Lower Upper
119 100
91 66.3 37.0 111.0
134 25.0 12.2 36.6

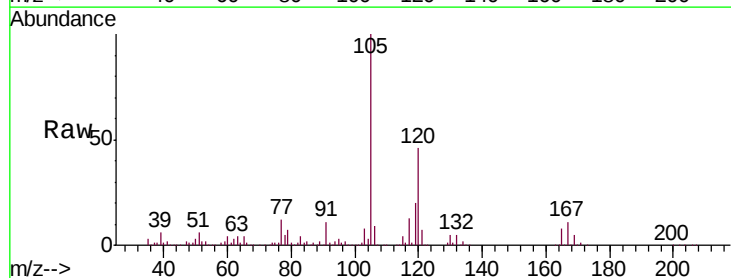


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

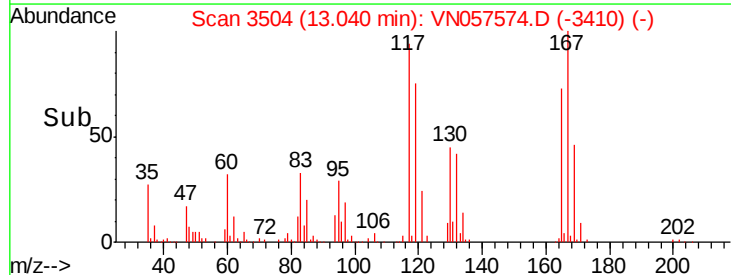
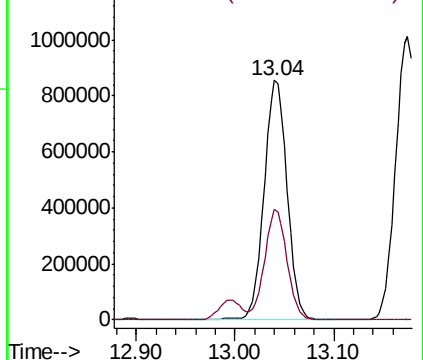


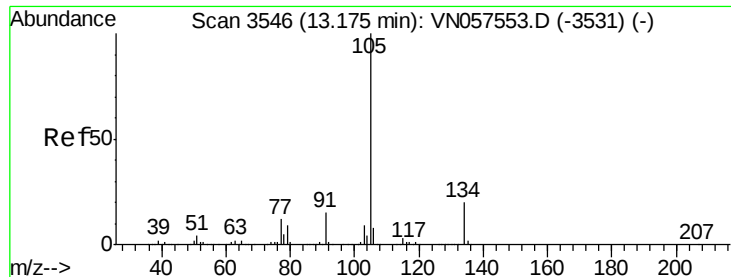
#84
1,2,4-Trimethylbenzene
Concen: 50.253 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN057574.D
Acq: 30 Aug 2019 1:57

Tgt Ion:105 Resp: 1369946
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 48.261 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

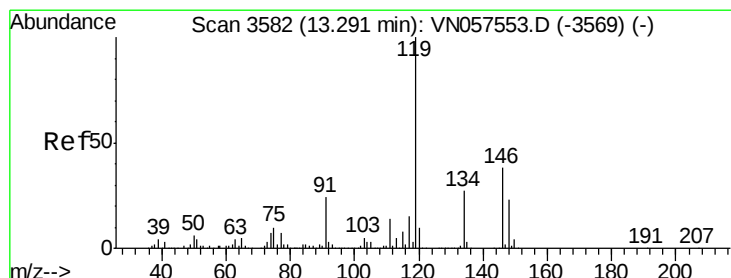
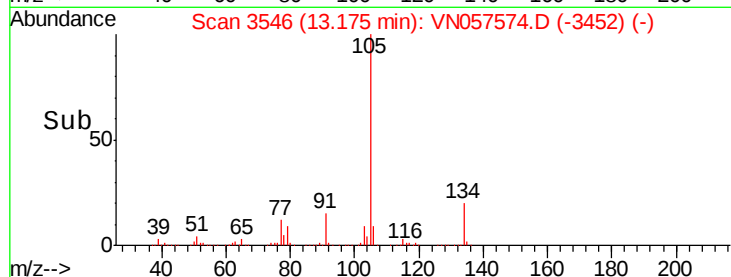
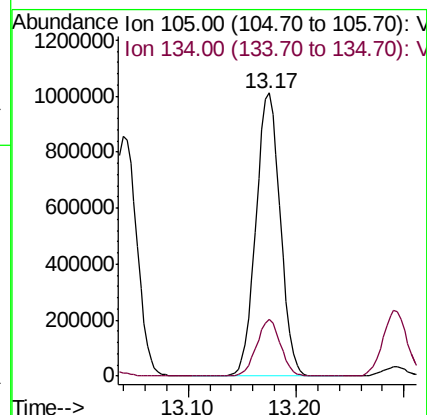
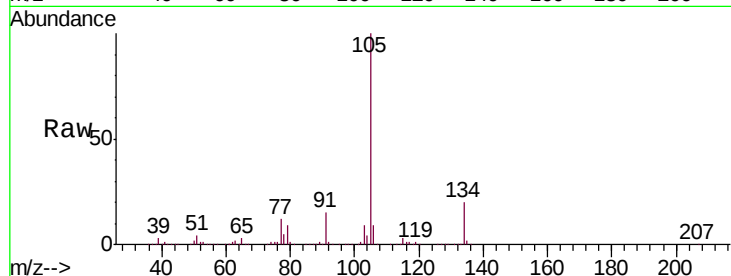
ClientSampled :

Tot Ion:105 Resp: 1581124

Ion Ratio Lower Upper

105 100

134 19.7 9.3 27.9



#86

p-Isopropyltoluene

Concen: 49.732 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

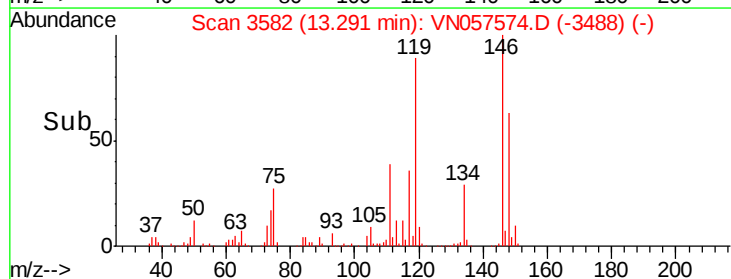
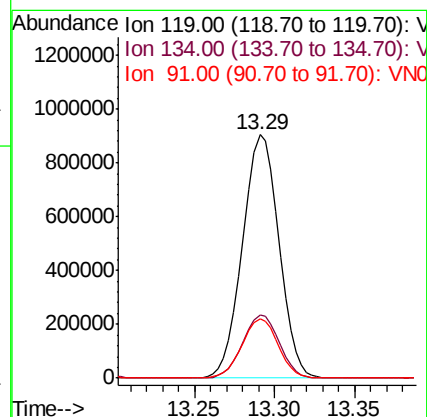
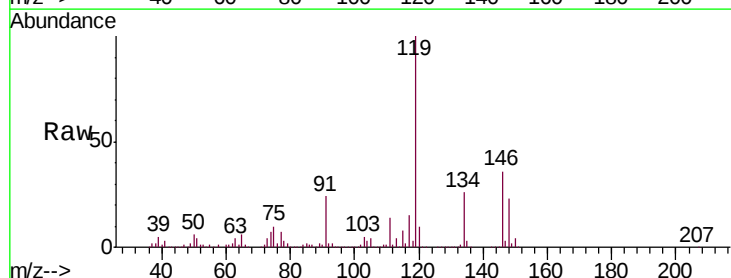
Tgt Ion:119 Resp: 1400424

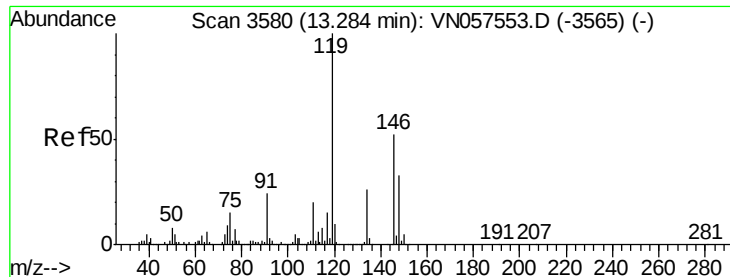
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.1

91 24.1 13.9 41.6





#87

1,3-Dichlorobenzene

Concen: 50.203 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampled :

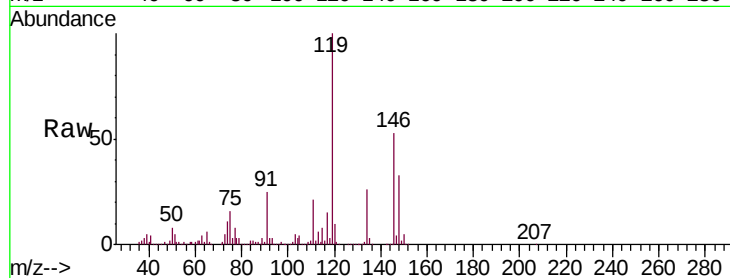
Tot Ion:146 Resp: 640208

Ion Ratio Lower Upper

146 100

111 39.1 22.1 66.1

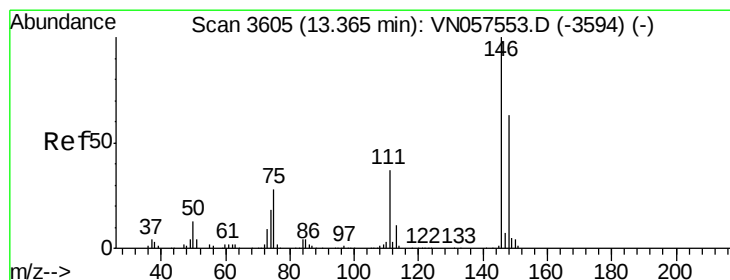
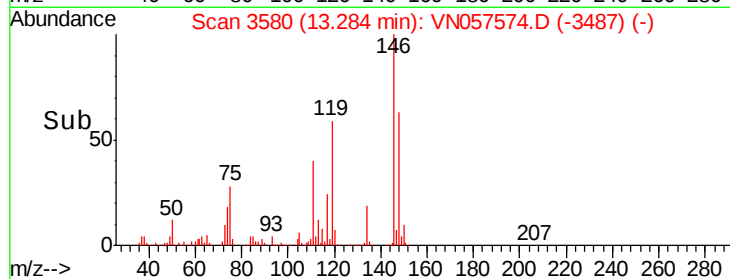
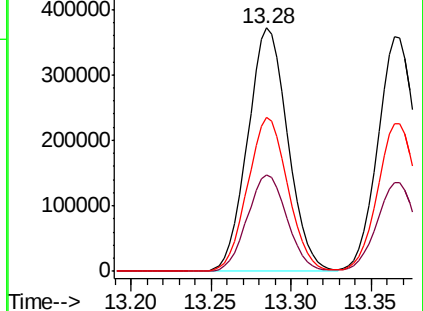
148 63.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.029 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

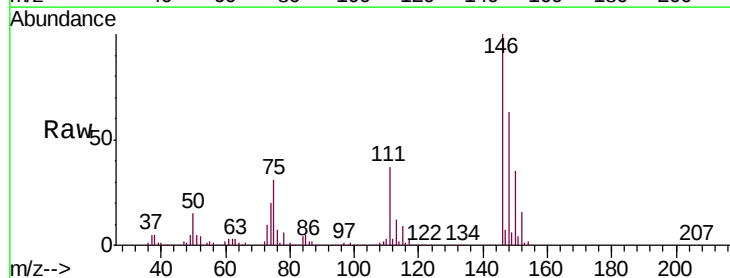
Tgt Ion:146 Resp: 611791

Ion Ratio Lower Upper

146 100

111 38.1 21.9 65.5

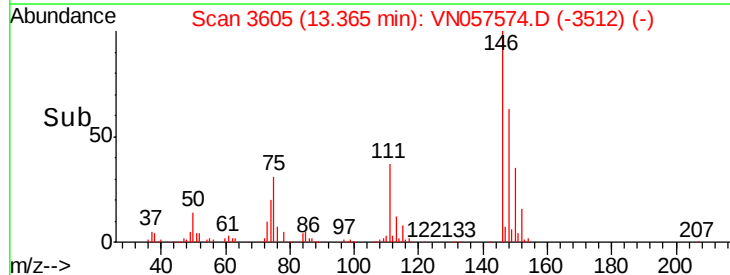
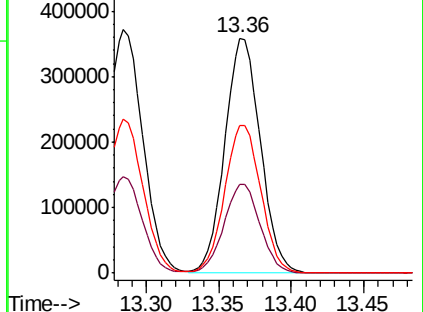
148 63.6 31.1 93.2

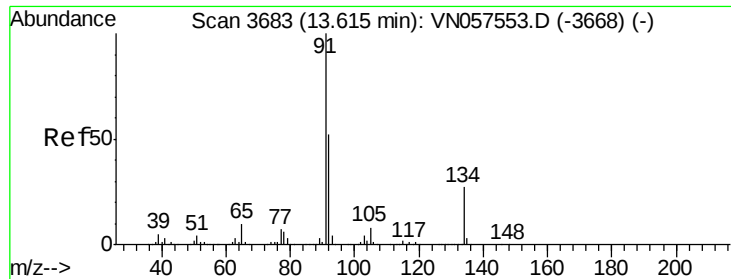


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.703 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

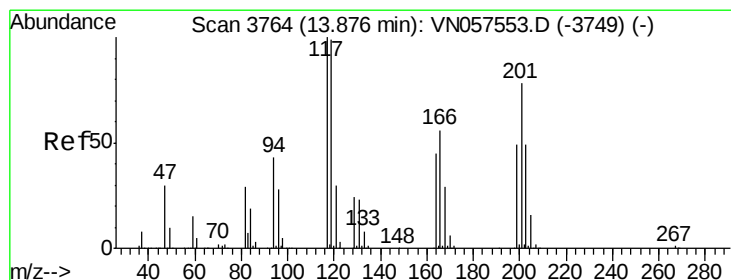
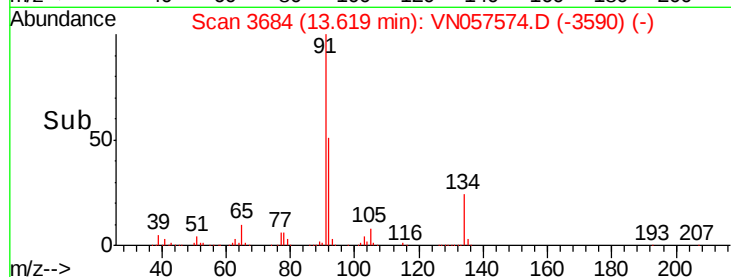
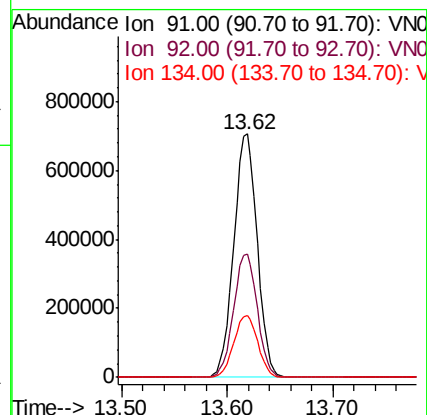
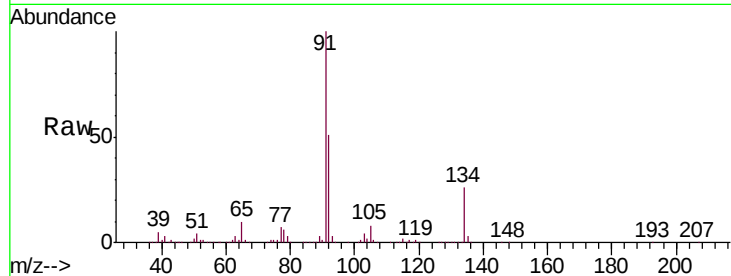
Tot Ion: 91 Resp: 1081574

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.0

134 26.1 11.4 34.1



#90

Hexachloroethane

Concen: 42.504 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057574.D

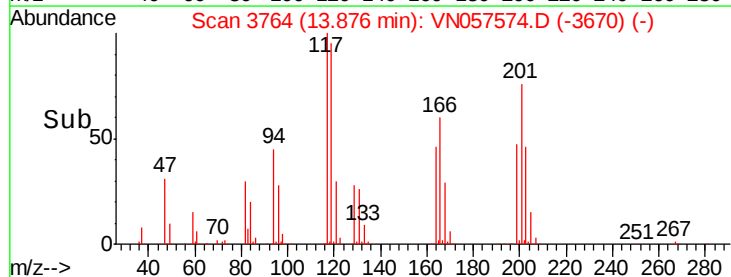
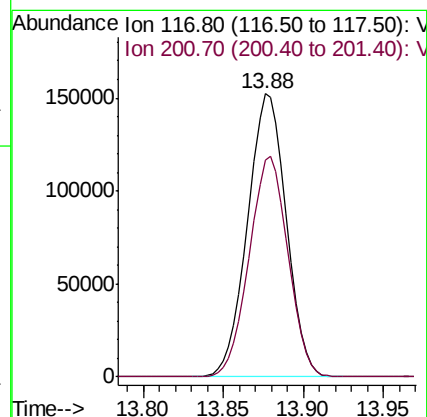
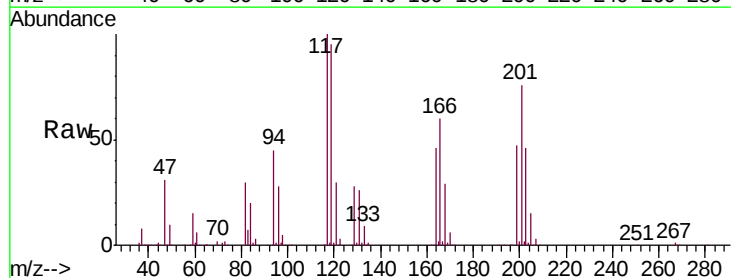
Acq: 30 Aug 2019 1:57

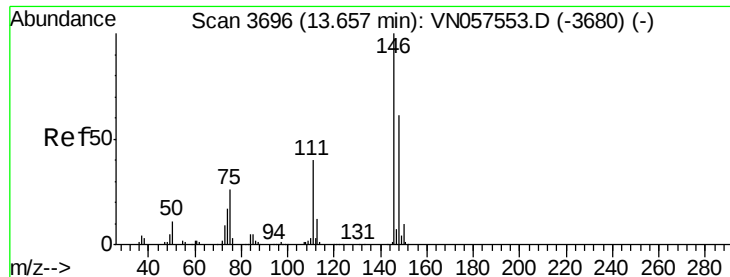
Tgt Ion: 117 Resp: 251862

Ion Ratio Lower Upper

117 100

201 78.0 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 51.899 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

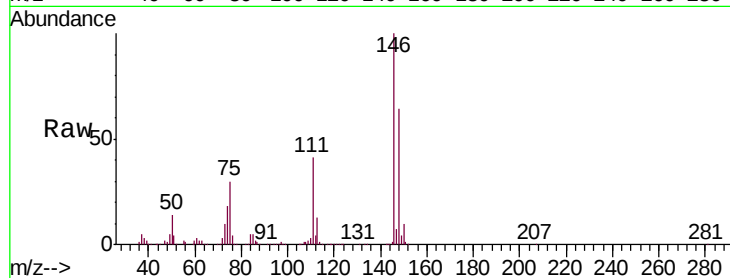
Tot Ion:146 Resp: 617692

Ion Ratio Lower Upper

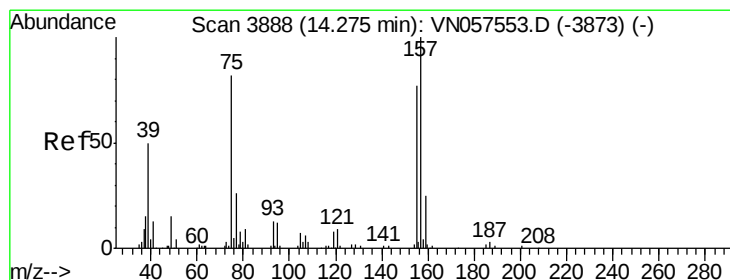
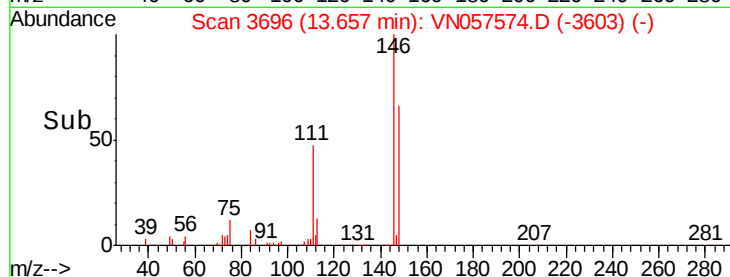
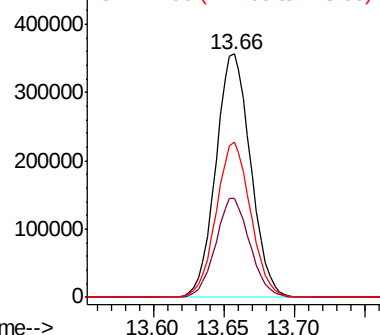
146 100

111 39.8 23.1 69.2

148 63.1 31.8 95.4



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: 47.224 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

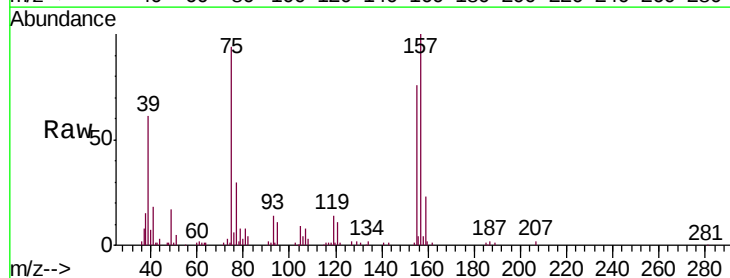
Tgt Ion: 75 Resp: 63051

Ion Ratio Lower Upper

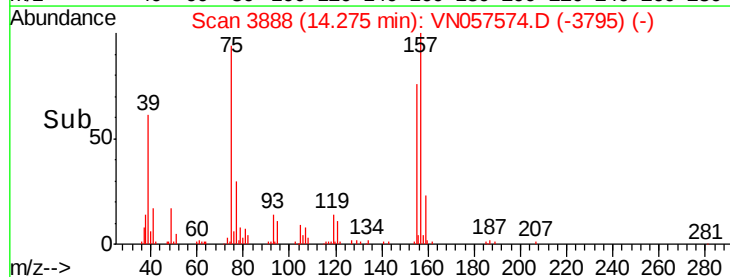
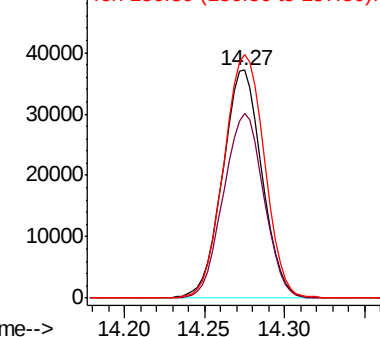
75 100

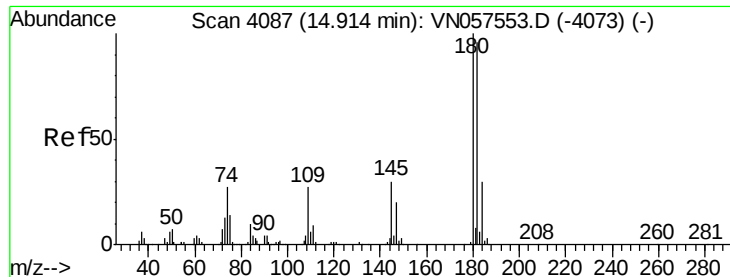
155 82.7 31.6 94.7

157 110.4 43.3 129.8



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

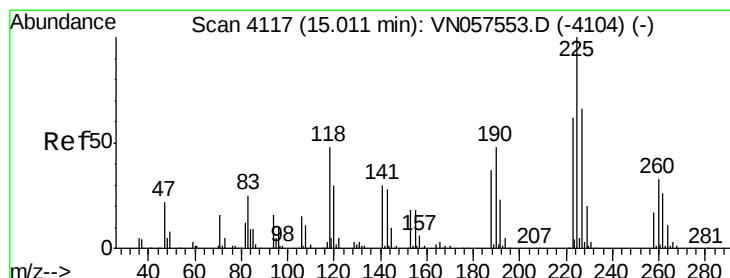
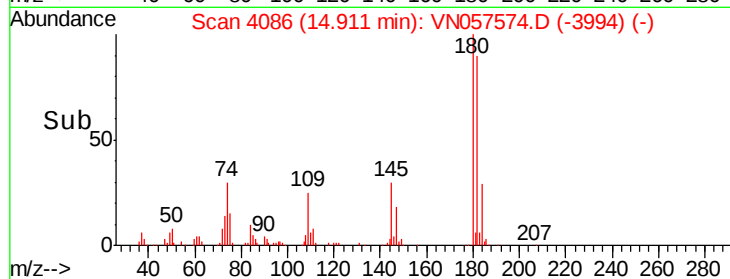
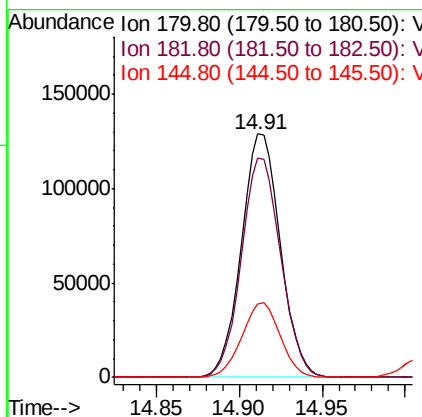
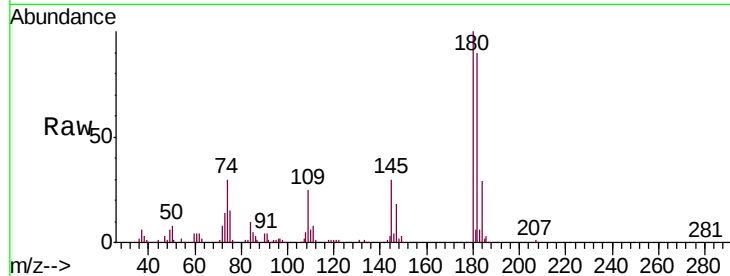




#93
 1,2,4-Trichlorobenzene
 Concen: 43.086 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

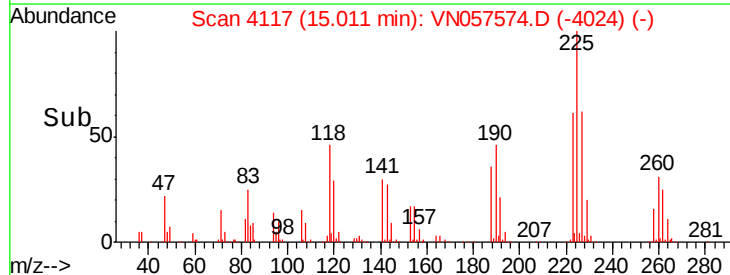
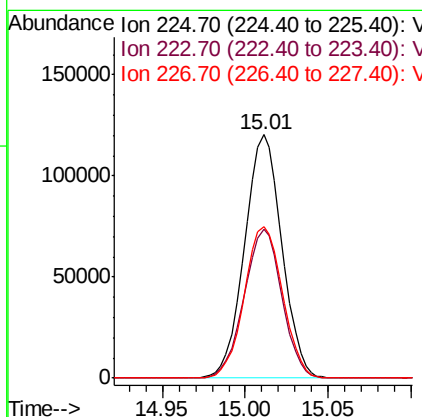
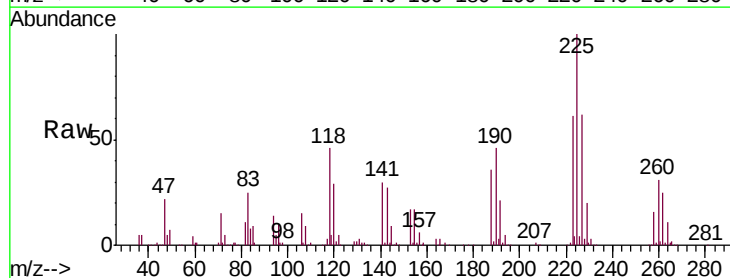
Instrument :
 MSVOA_N
 ClientSampleId :

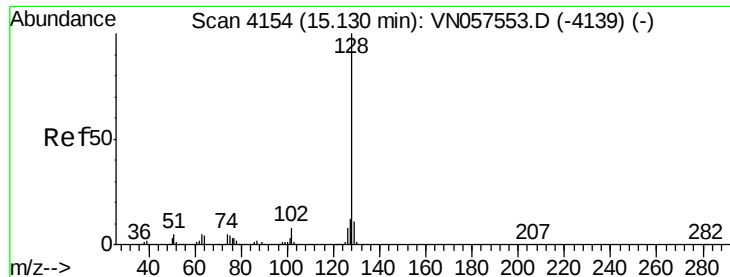
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.3	46.7	140.1
145	30.3	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 47.878 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057574.D
 Acq: 30 Aug 2019 1:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.0	96.2
227	64.0	31.5	94.5





#95

Naphthalene

Concen: 49.598 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

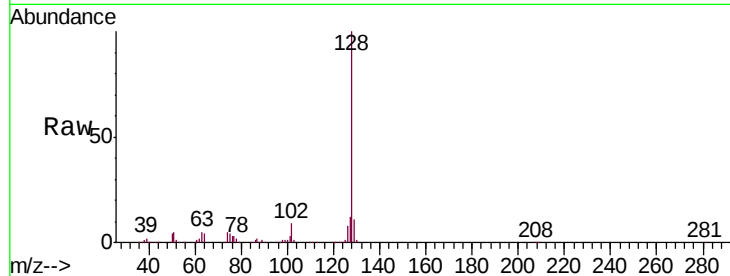
Tot Ion:128 Resp: 584112

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

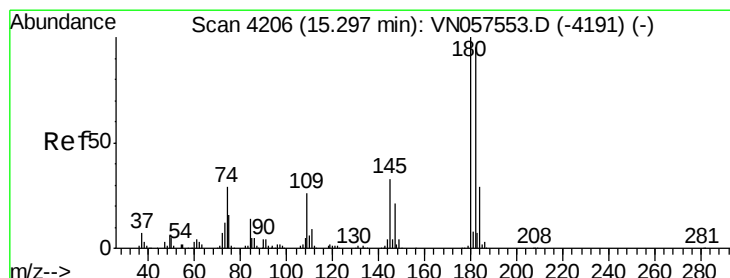
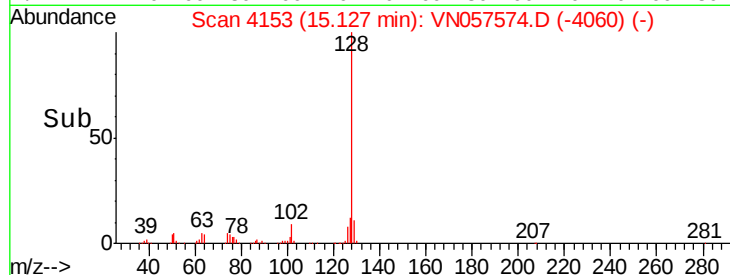
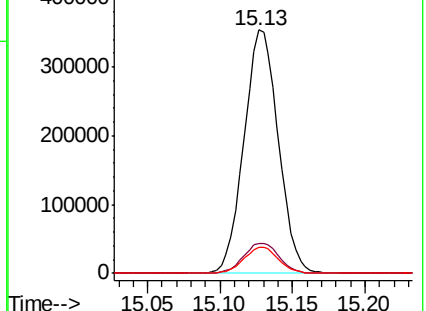
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.377 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057574.D

Acq: 30 Aug 2019 1:57

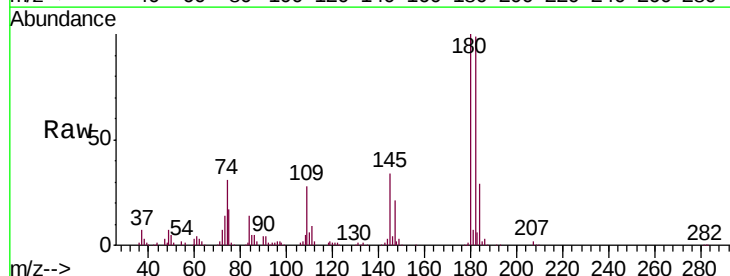
Tgt Ion:180 Resp: 202638

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.1

145 32.8 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

