

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055474.D
 Acq On : 8 May 2019 7:26
 Operator : JC/SP
 Sample : K2717-11MSD
 Misc : 4.34g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

Quant Time: May 08 08:38:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	826619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	320336	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	308116	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
35) Dibromofluoromethane	7.59	113	237241	43.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.46%	
50) Toluene-d8	10.09	98	851144	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	12.40	95	303693	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	282722	43.029	ug/l	99
3) Chloromethane	2.06	50	295158	36.278	ug/l	100
4) Vinyl Chloride	2.19	62	263362	40.157	ug/l	100
5) Bromomethane	2.53	94	124773	35.917	ug/l	98
6) Chloroethane	2.66	64	147591	41.542	ug/l	98
7) Trichlorofluoromethane	3.00	101	400196	42.913	ug/l	96
8) Diethyl Ether	3.41	74	173035	53.034	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	273635	49.274	ug/l	99
10) Methyl Iodide	3.95	142	322258	41.234	ug/l	98
11) Tert butyl alcohol	4.85	59	125610	312.719	ug/l	95
12) 1,1-Dichloroethene	3.73	96	242584	45.792	ug/l	96
13) Acrolein	3.61	56	74085	236.173	ug/l	98
14) Allyl chloride	4.32	41	499532	45.529	ug/l	99
15) Acrylonitrile	4.99	53	614765	272.292	ug/l	100
16) Acetone	3.82	43	488748	223.580	ug/l	98
17) Carbon Disulfide	4.05	76	473000	34.213	ug/l	98
18) Methyl Acetate	4.33	43	373139	70.495	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	859113	57.687	ug/l	99
20) Methylene Chloride	4.55	84	291838	43.738	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	248284	44.254	ug/l	97
22) Diisopropyl ether	5.95	45	1227775	56.321	ug/l	99
23) Vinyl Acetate	5.90	43	3938505	275.661	ug/l	100
24) 1,1-Dichloroethane	5.85	63	579911	49.927	ug/l	100
25) 2-Butanone	6.84	43	778717	278.549	ug/l	99
26) 2,2-Dichloropropane	6.82	77	230876	28.785	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	312209	48.934	ug/l	99
28) Bromochloromethane	7.19	49	217627	37.171	ug/l	96
29) Tetrahydrofuran	7.22	42	519580	290.249	ug/l	99
30) Chloroform	7.37	83	555915	50.489	ug/l	99
31) Cyclohexane	7.65	56	503130	45.592	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	448599	50.200	ug/l	99
36) 1,1-Dichloropropene	7.79	75	395537	49.956	ug/l	99
37) Ethyl Acetate	6.93	43	333772	55.003	ug/l	99
38) Carbon Tetrachloride	7.77	117	368021	48.184	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	451854	53.675	ug/l	98
40) Benzene	8.04	78	1177116	50.431	ug/l	100
41) Methacrylonitrile	7.18	41	181702	55.247	ug/l	94
42) 1,2-Dichloroethane	8.13	62	438941	53.096	ug/l	99
43) Isopropyl Acetate	8.17	43	612480	62.805	ug/l	98
44) Trichloroethene	8.84	130	296442	49.820	ug/l	99
45) 1,2-Dichloropropane	9.12	63	355510	52.810	ug/l	99
46) Dibromomethane	9.21	93	190067	51.653	ug/l	98
47) Bromodichloromethane	9.40	83	418211	52.978	ug/l	98
48) Methyl methacrylate	9.20	41	290185	60.529	ug/l	99
49) 1,4-Dioxane	9.21	88	60685	1224.509	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1662631	302.816	ug/l	99
52) Toluene	10.16	92	699378	52.222	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	368872	53.827	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	443596	51.918	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	268927	54.076	ug/l	99
56) Ethyl methacrylate	10.43	69	375410	61.330	ug/l	97
57) 1,3-Dichloropropane	10.71	76	483673	55.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	555910	290.517	ug/l	99
59) 2-Hexanone	10.75	43	1064144	309.761	ug/l	98
60) Dibromochloromethane	10.90	129	280197	55.127	ug/l	99
61) 1,2-Dibromoethane	11.01	107	253363	55.119	ug/l	98
64) Tetrachloroethene	10.63	164	322240	54.781	ug/l	99
65) Chlorobenzene	11.43	112	723705	51.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	278224	50.524	ug/l	99
67) Ethyl Benzene	11.51	91	1373212	54.073	ug/l	99
68) m/p-Xylenes	11.62	106	984053	108.557	ug/l	99
69) o-Xylene	11.95	106	485718	54.060	ug/l	99
70) Styrene	11.96	104	812830	58.921	ug/l	99
71) Bromoform	12.13	173	173522	56.787	ug/l #	99
73) Isopropylbenzene	12.25	105	1350809	53.198	ug/l	100
74) N-amyl acetate	12.07	43	494771	60.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	335766	53.099	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	398074	67.749	ug/l #	100
77) Bromobenzene	12.53	156	312850	51.252	ug/l	98
78) n-propylbenzene	12.59	91	1548613	47.063	ug/l	100
79) 2-Chlorotoluene	12.67	91	907071	52.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1148542	45.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	67499	39.932	ug/l	94
82) 4-Chlorotoluene	12.77	91	904903	47.297	ug/l	98
83) tert-Butylbenzene	12.99	119	988829	55.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1115395	49.661	ug/l	100
85) sec-Butylbenzene	13.17	105	1327193	48.623	ug/l	100
86) p-Isopropyltoluene	13.29	119	1159202	51.670	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	548625	51.181	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	528814	52.386	ug/l	100
89) n-Butylbenzene	13.61	91	989221	62.052	ug/l	100
90) Hexachloroethane	13.87	117	179141	50.444	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	544671	51.267	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51049	60.574	ug/l	95

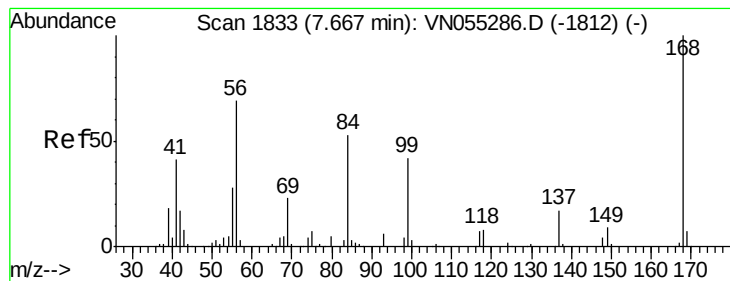
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	230788	54.764	ug/l	97
94) Hexachlorobutadiene	15.01	225	192404	60.789	ug/l	97
95) Naphthalene	15.13	128	474858	53.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	227019	54.775	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

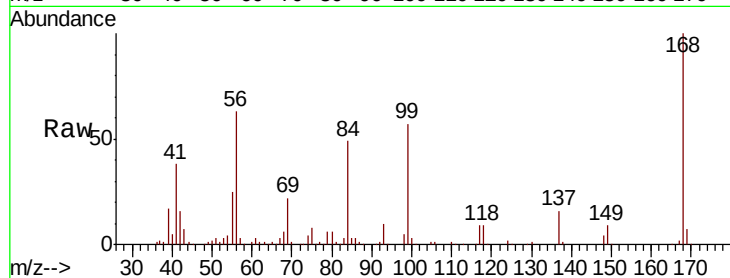
P026-SS002-1218-01MSD

Tot Ion:168 Resp: 536278

Ion Ratio Lower Upper

168 100

99 57.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

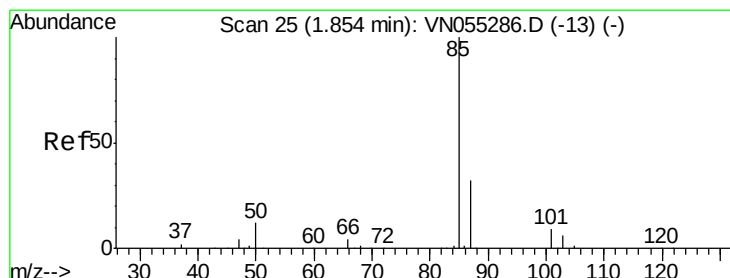
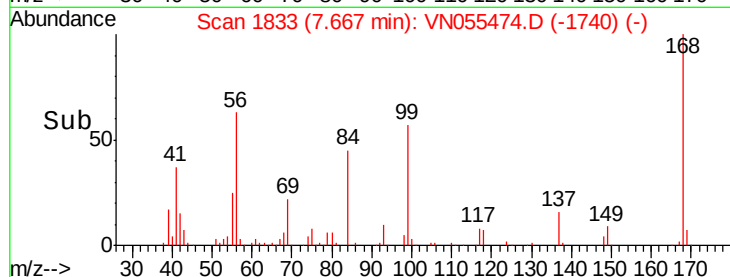
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.029 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055474.D

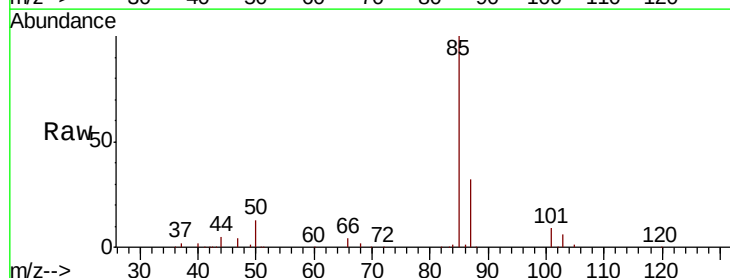
Acq: 8 May 2019 7:26

Tgt Ion: 85 Resp: 282722

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

150000

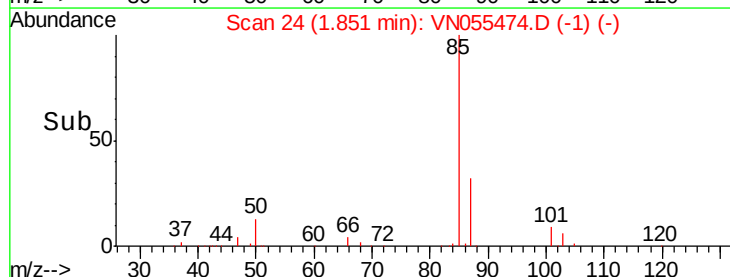
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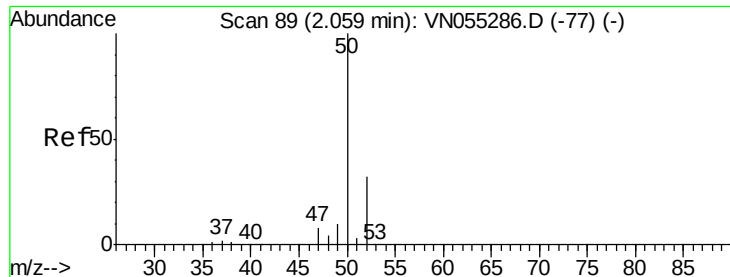
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 36.278 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

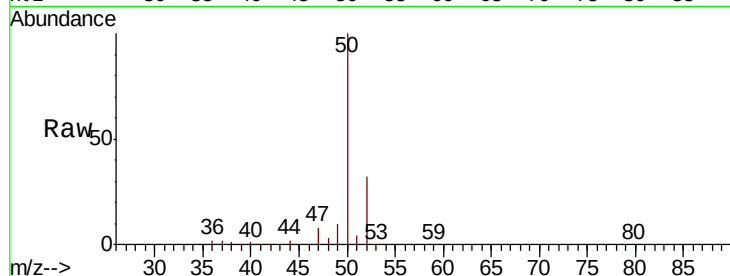
P026-SS002-1218-01MSD

Tot Ion: 50 Resp: 295158

Ion Ratio Lower Upper

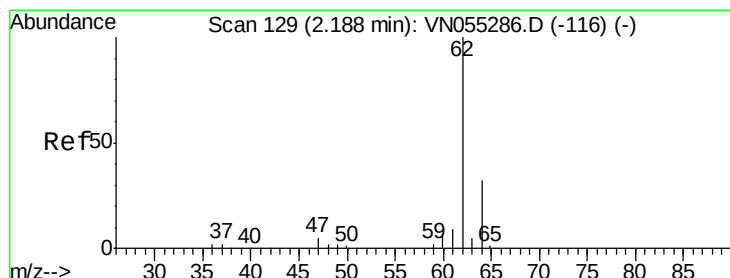
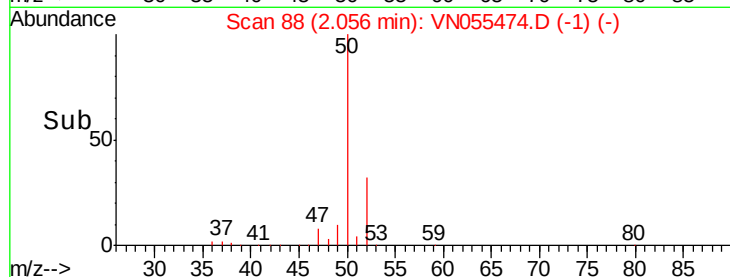
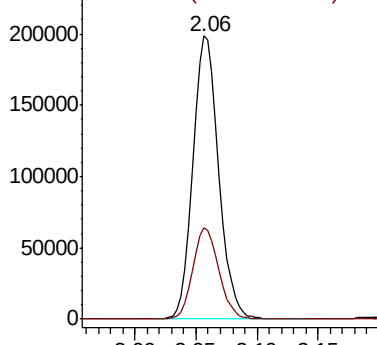
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 40.157 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055474.D

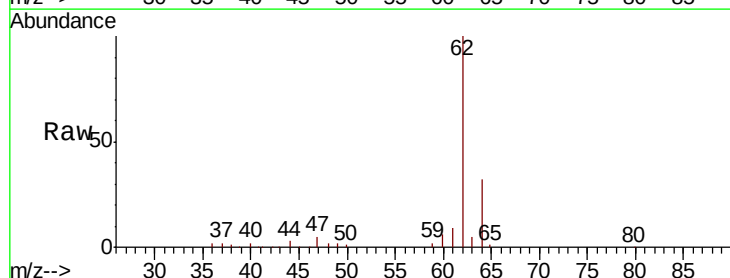
Acq: 8 May 2019 7:26

Tgt Ion: 62 Resp: 263362

Ion Ratio Lower Upper

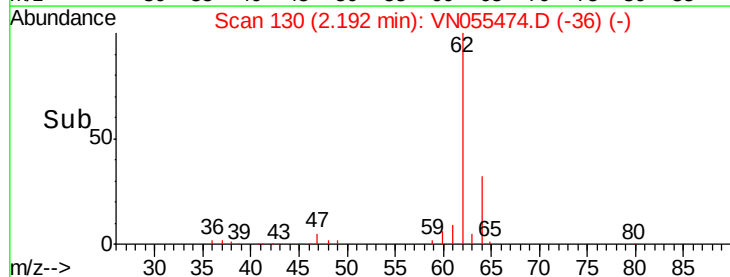
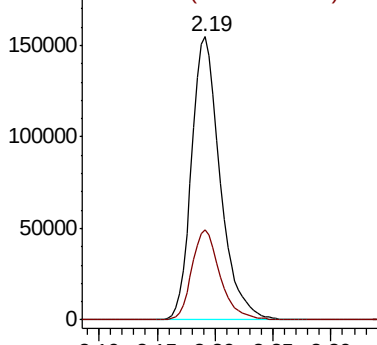
62 100

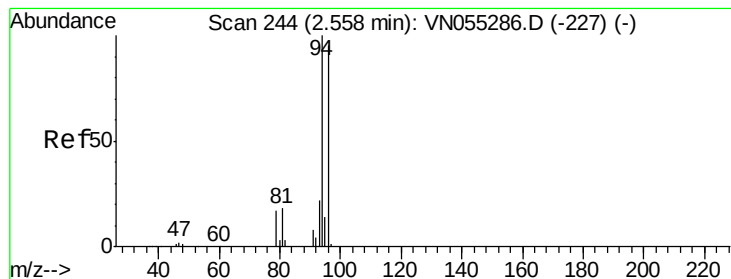
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 35.917 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.03 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

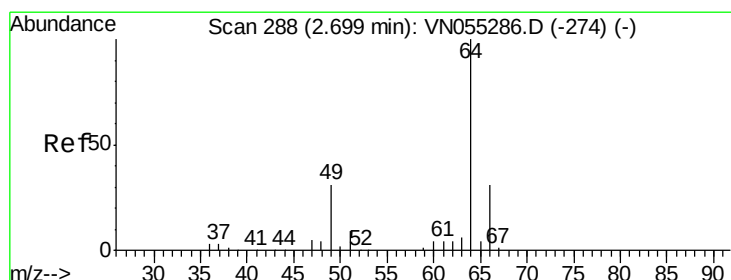
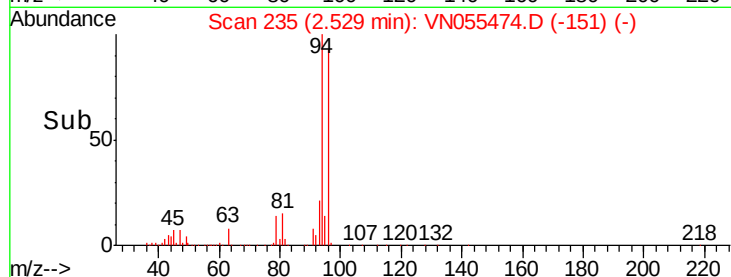
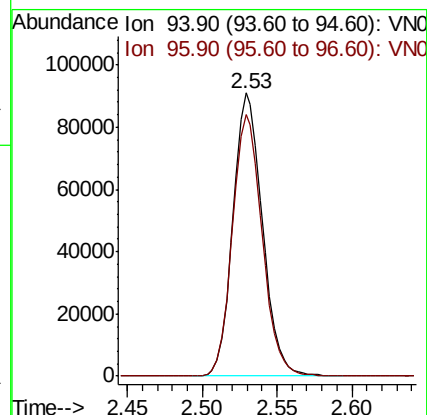
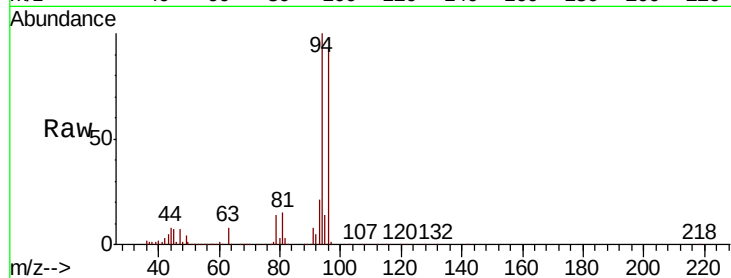
P026-SS002-1218-01MSD

Tot Ion: 94 Resp: 124773

Ion Ratio Lower Upper

94 100

96 92.6 76.0 114.0



#6

Chloroethane

Concen: 41.542 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.04 min

Lab File: VN055474.D

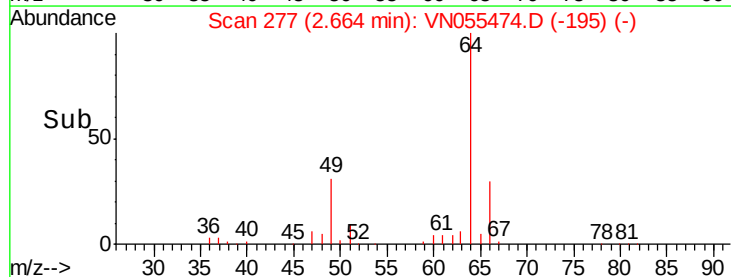
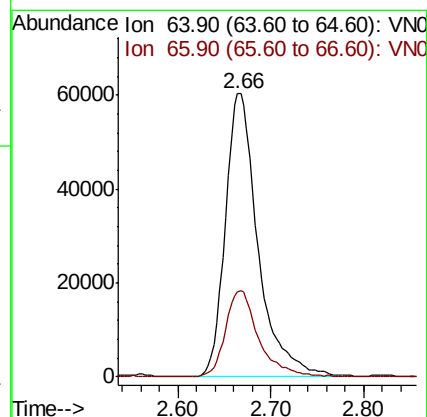
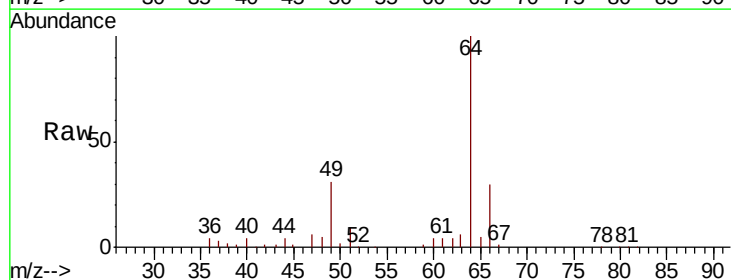
Acq: 8 May 2019 7:26

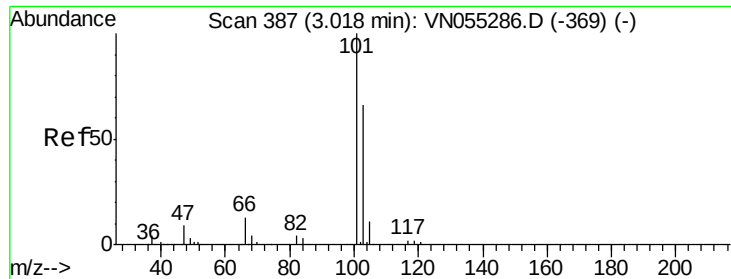
Tgt Ion: 64 Resp: 147591

Ion Ratio Lower Upper

64 100

66 30.0 25.0 37.4



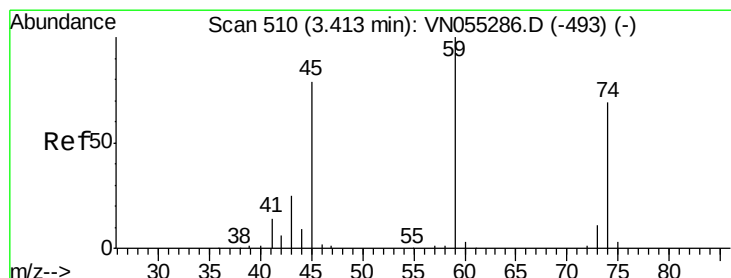
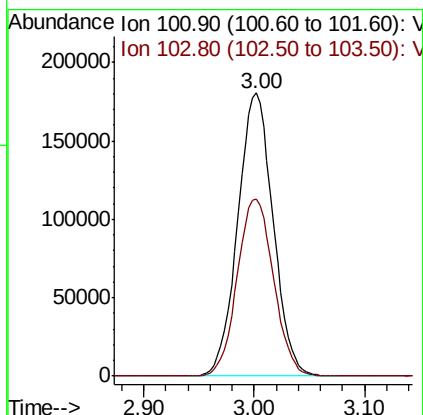
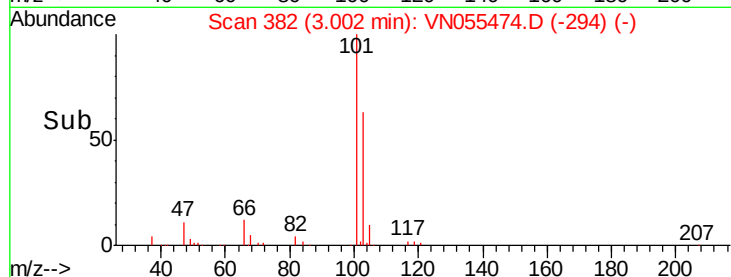
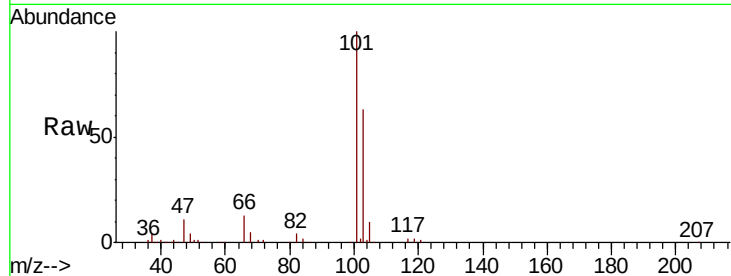


#7

Trichlorofluoromethane
Concen: 42.913 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.02 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

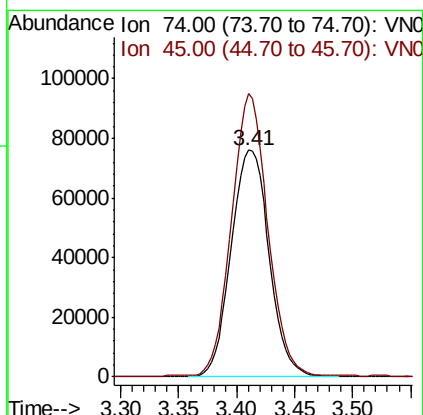
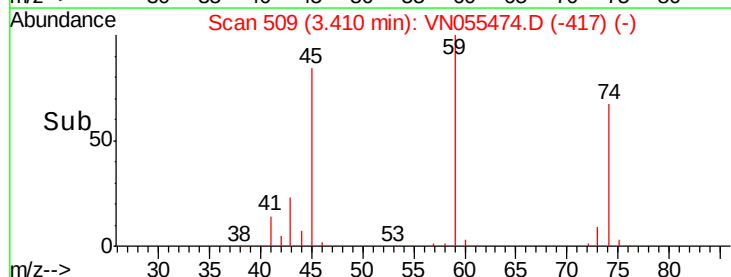
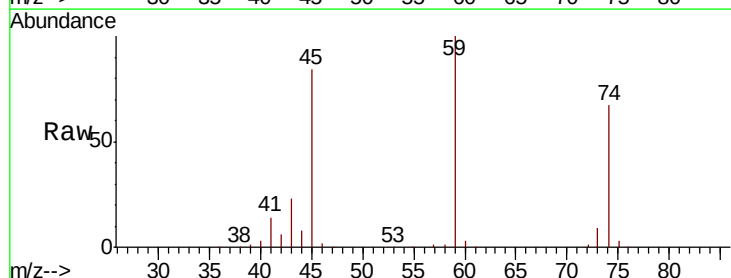
Tot Ion:101 Resp: 400196
Ion Ratio Lower Upper
101 100
103 62.7 52.6 79.0

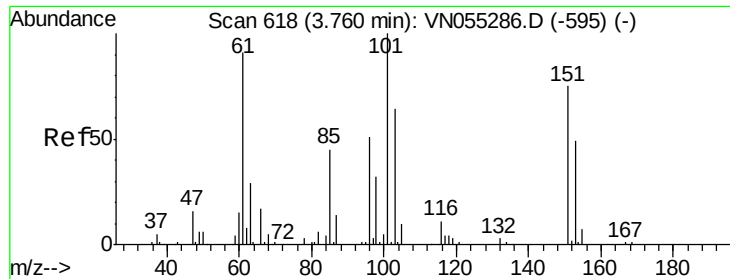


#8

Diethyl Ether
Concen: 53.034 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 74 Resp: 173035
Ion Ratio Lower Upper
74 100
45 118.3 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.274 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.01 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

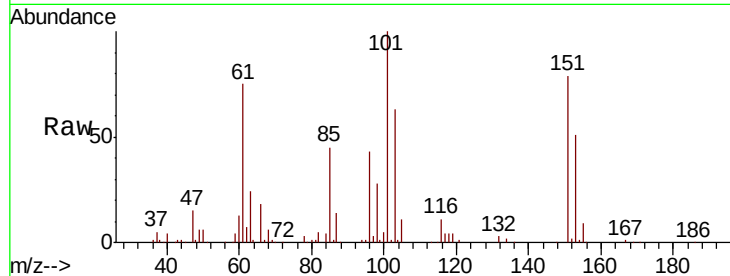
Tot Ion:101 Resp: 273635

Ion Ratio Lower Upper

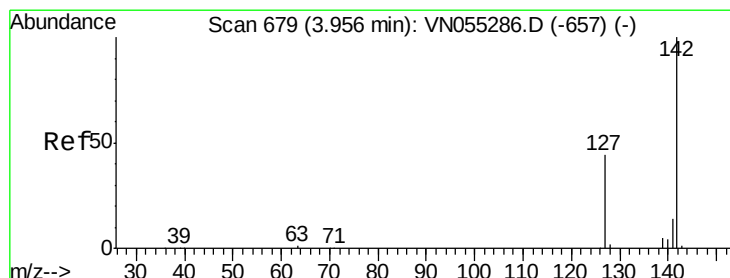
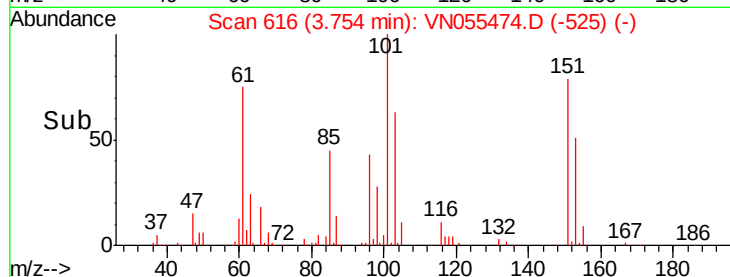
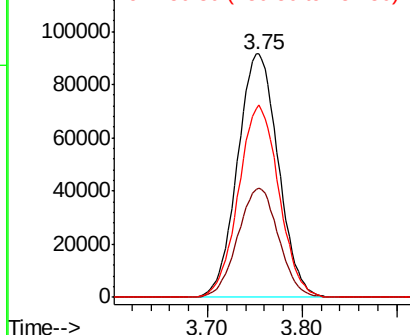
101 100

85 44.9 35.7 53.5

151 78.2 63.3 94.9



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



#10

Methyl Iodide

Concen: 41.234 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

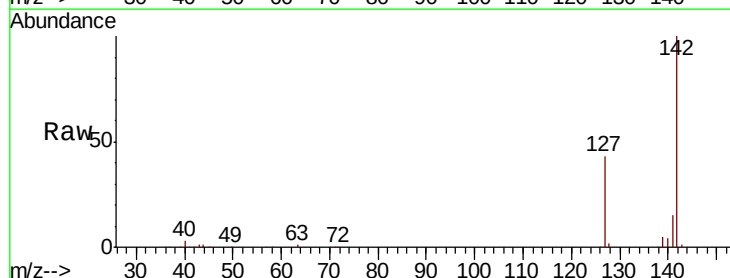
Tgt Ion:142 Resp: 322258

Ion Ratio Lower Upper

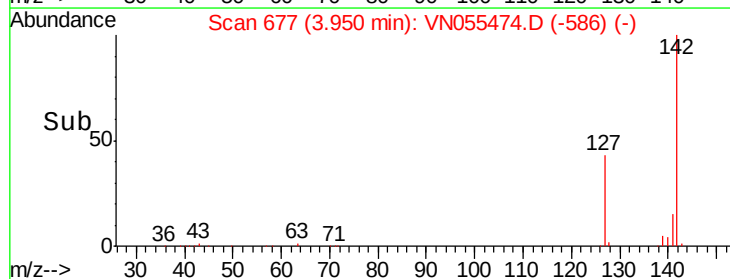
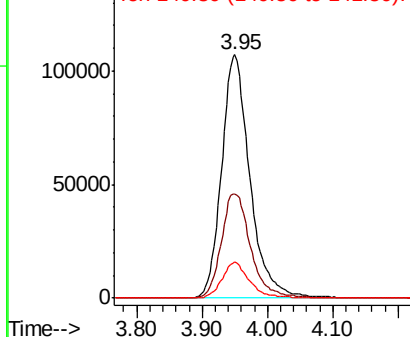
142 100

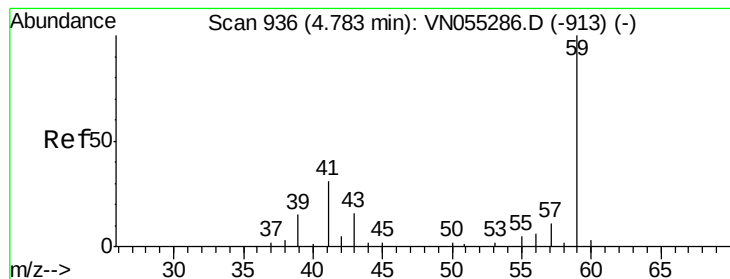
127 44.4 34.4 51.6

141 14.3 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 312.719 ug/l

RT: 4.85 min Scan# 958

Delta R.T. 0.07 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

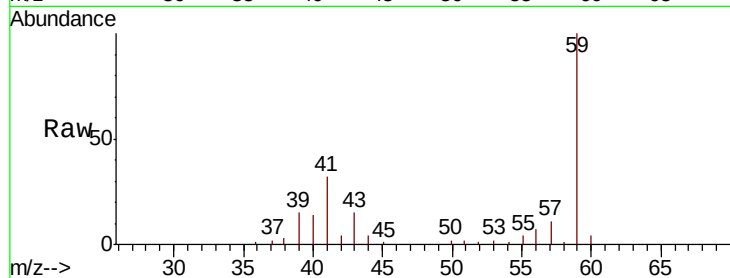
P026-SS002-1218-01MSD

Tot Ion: 59 Resp: 125610

Ion Ratio Lower Upper

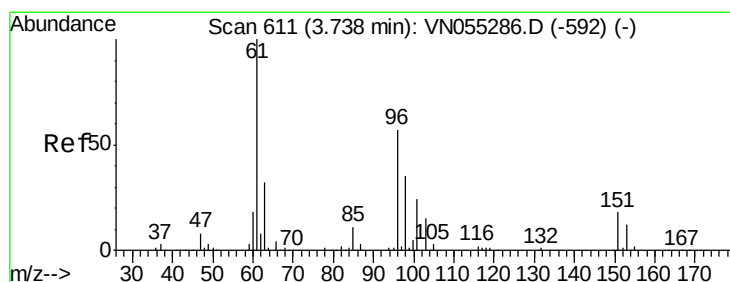
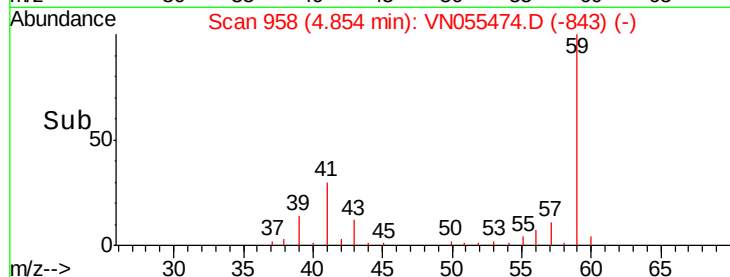
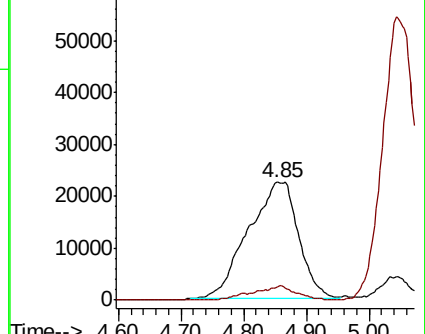
59 100

57 8.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 45.792 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

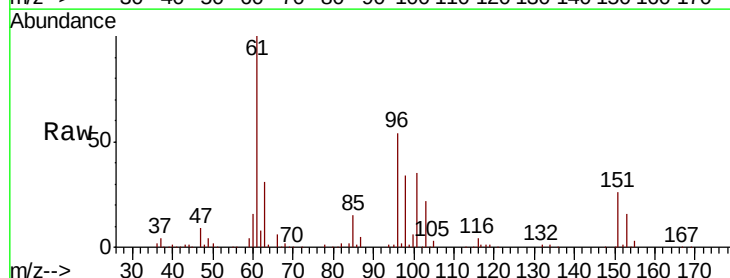
Tgt Ion: 96 Resp: 242584

Ion Ratio Lower Upper

96 100

61 183.2 140.9 211.3

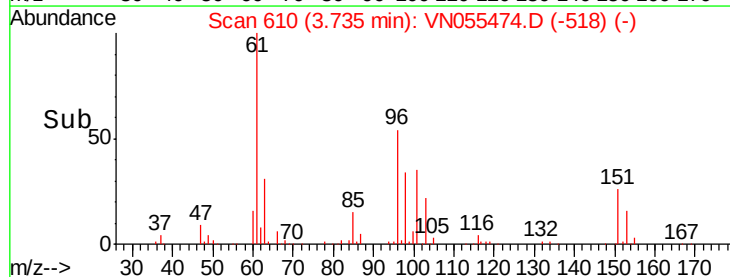
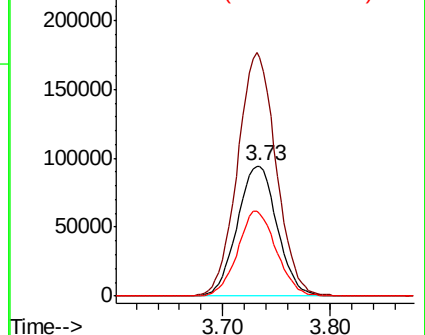
98 63.3 50.0 75.0

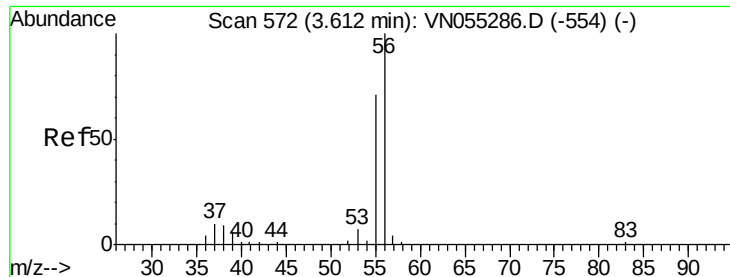


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

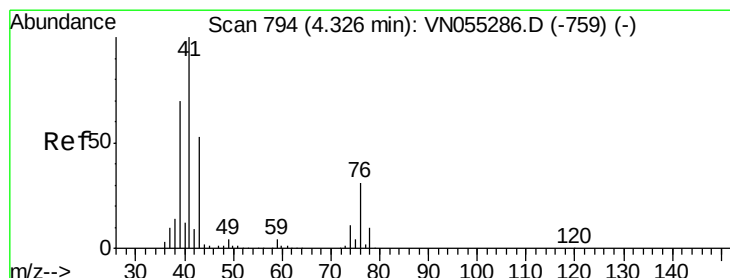
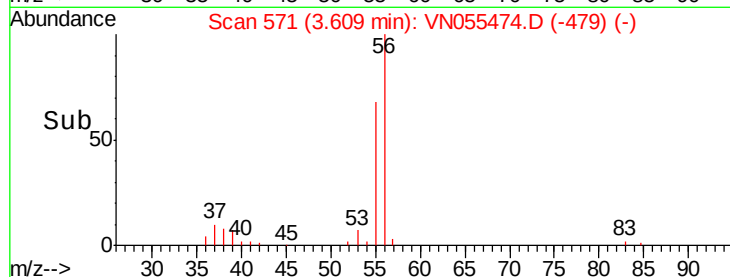
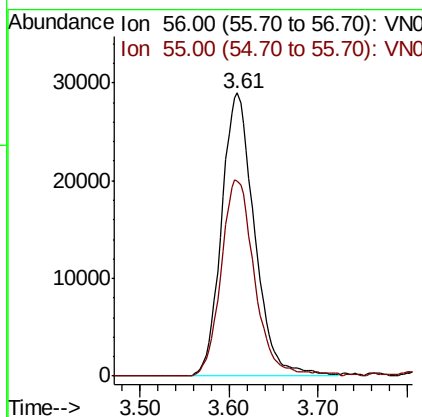
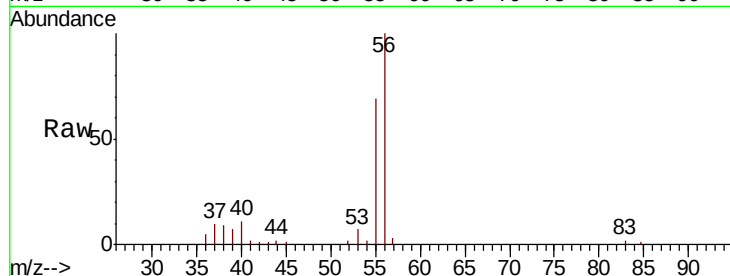




#13
Acrolein
Concen: 236.173 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

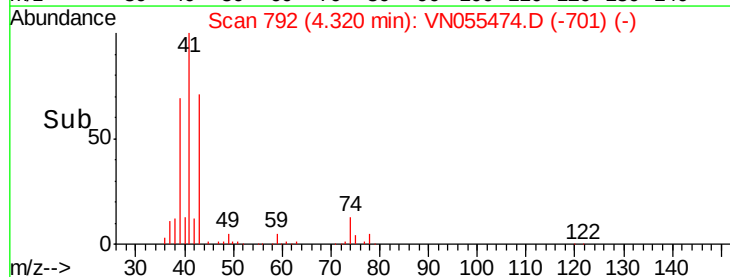
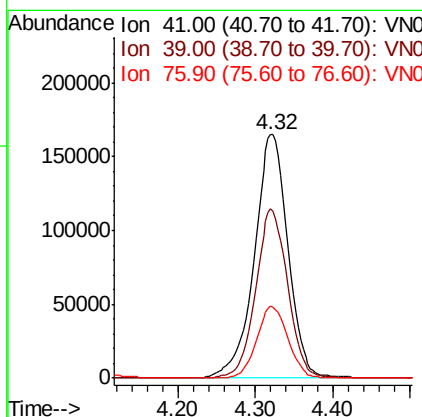
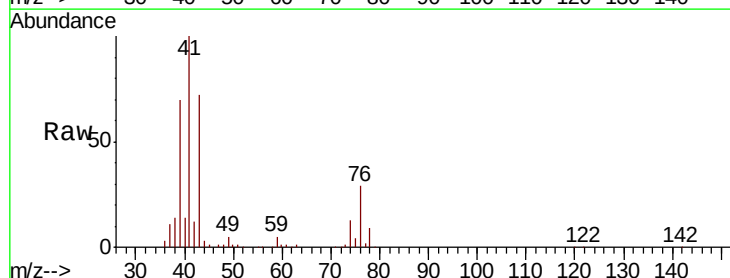
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

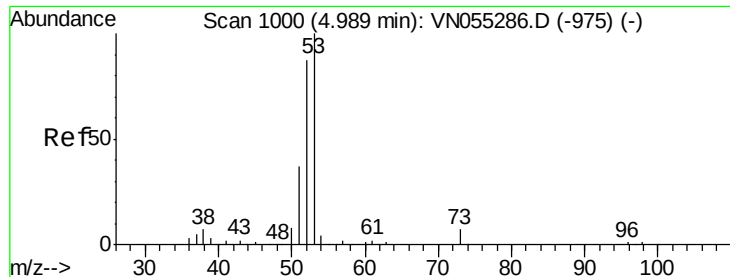
Tot Ion: 56 Resp: 74085
Ion Ratio Lower Upper
56 100
55 70.5 57.4 86.2



#14
Allyl chloride
Concen: 45.529 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 41 Resp: 499532
Ion Ratio Lower Upper
41 100
39 66.1 53.0 79.6
76 27.5 22.7 34.1





#15

Acrylonitrile

Concen: 272.292 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

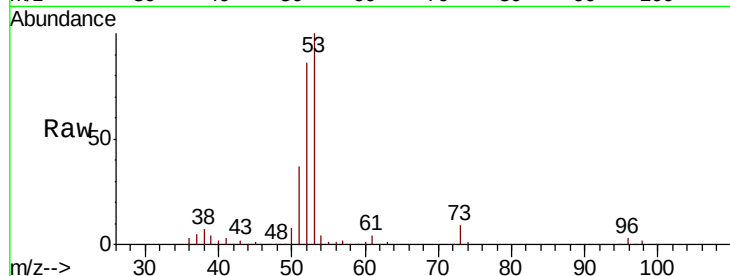
Tot Ion: 53 Resp: 614765

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

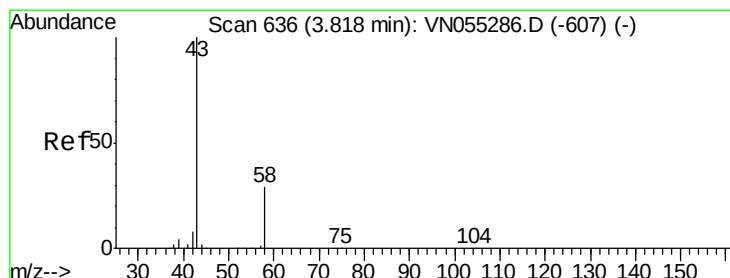
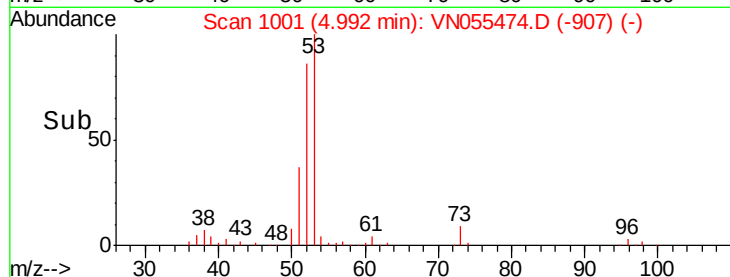
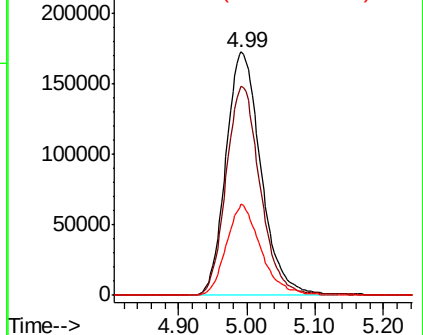
51 36.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 223.580 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055474.D

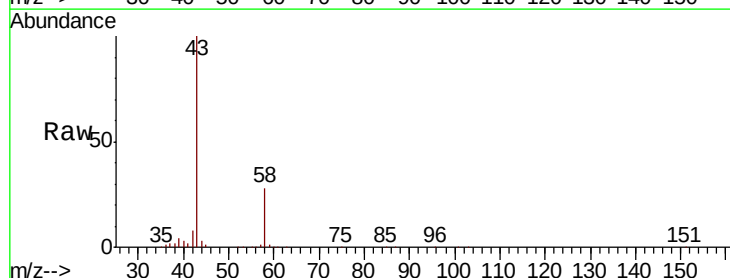
Acq: 8 May 2019 7:26

Tgt Ion: 43 Resp: 488748

Ion Ratio Lower Upper

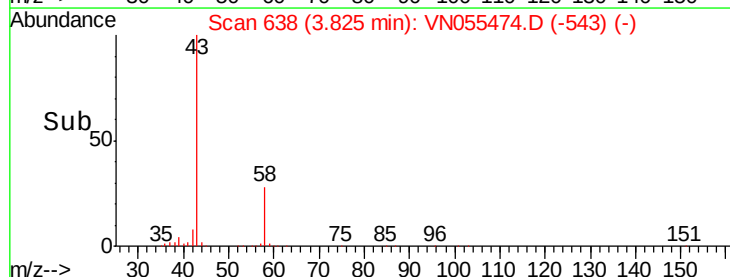
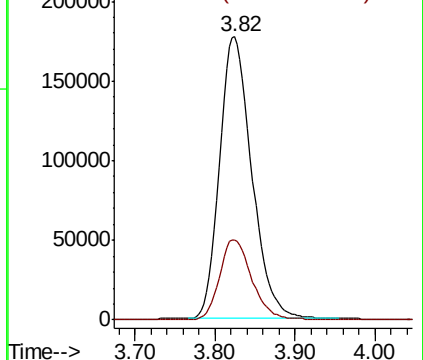
43 100

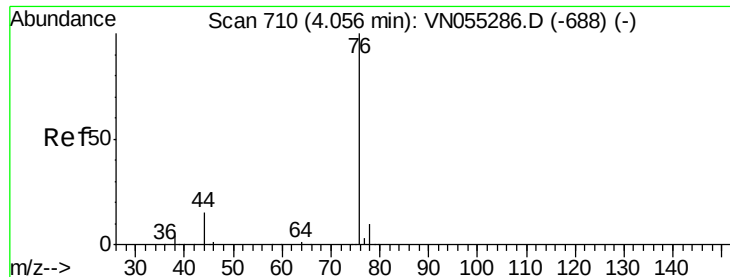
58 28.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 34.213 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

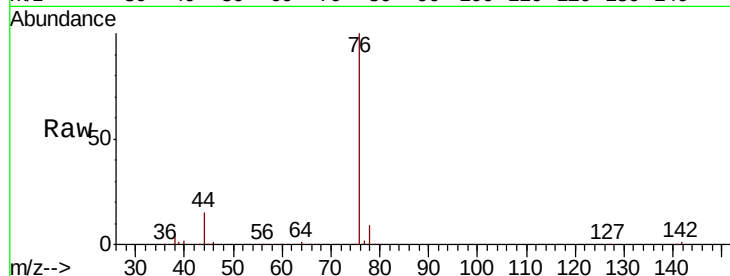
P026-SS002-1218-01MSD

Tot Ion: 76 Resp: 473000

Ion Ratio Lower Upper

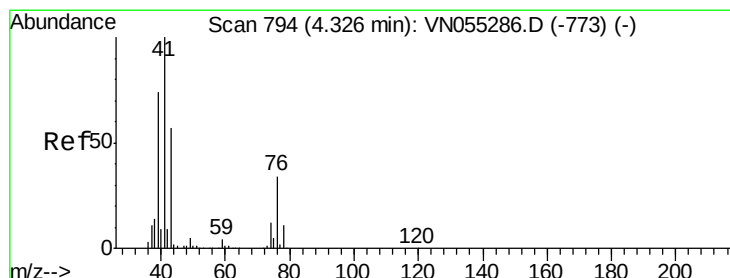
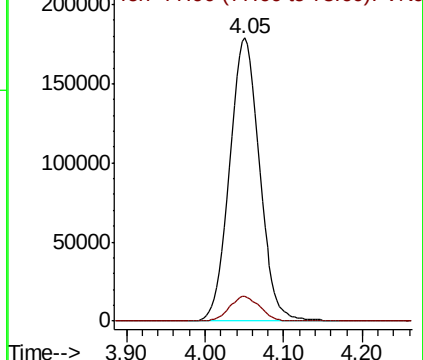
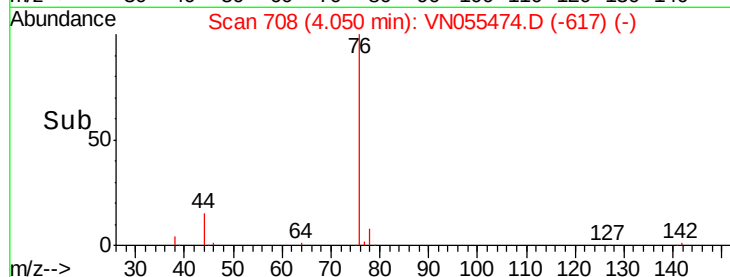
76 100

78 8.8 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN055474.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN055474.D (-617) (-)



#18

Methyl Acetate

Concen: 70.495 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055474.D

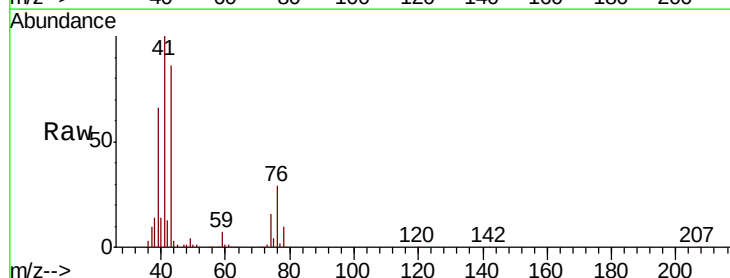
Acq: 8 May 2019 7:26

Tgt Ion: 43 Resp: 373139

Ion Ratio Lower Upper

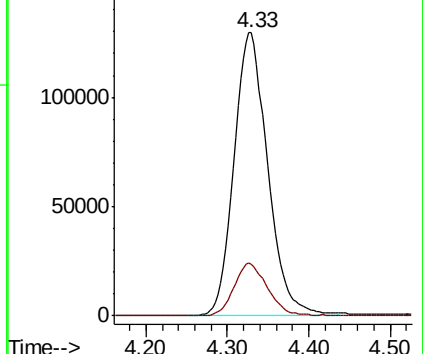
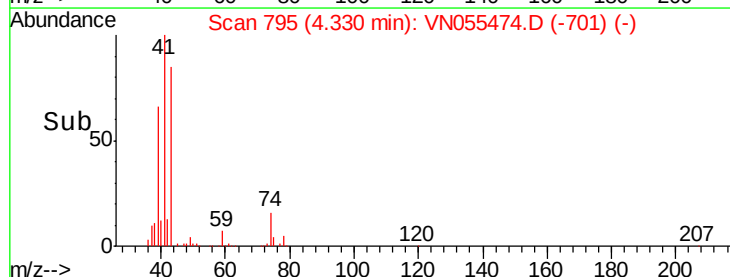
43 100

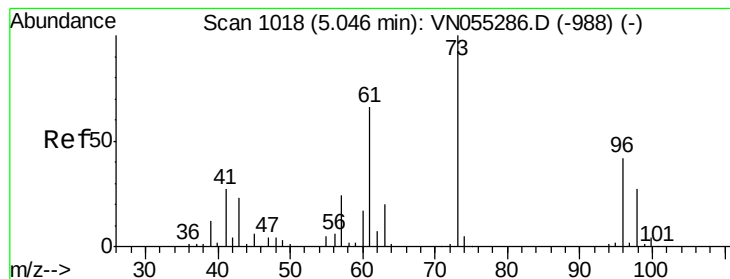
74 18.4 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN055474.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN055474.D (-701) (-)





#19

Methyl tert-butyl Ether

Concen: 57.687 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

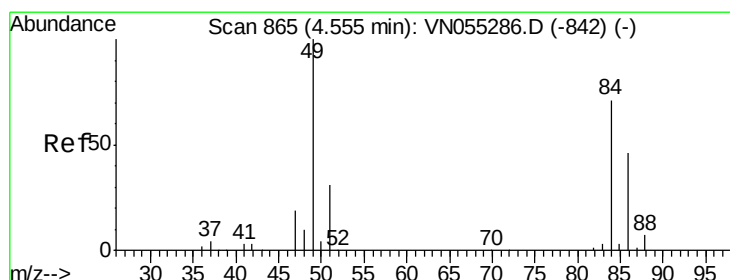
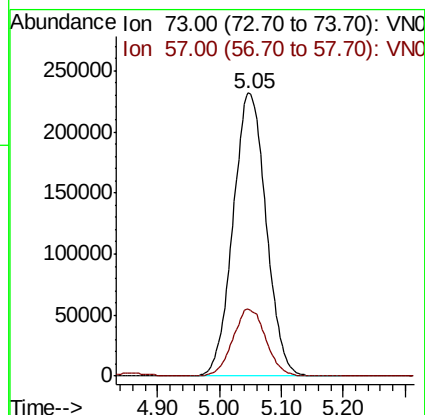
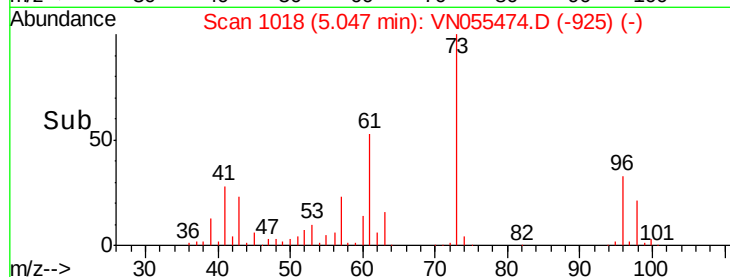
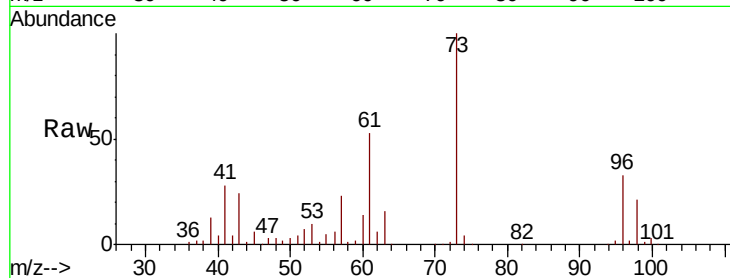
P026-SS002-1218-01MSD

Tot Ion: 73 Resp: 859113

Ion Ratio Lower Upper

73 100

57 23.5 19.1 28.7



#20

Methylene Chloride

Concen: 43.738 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Tgt Ion: 84 Resp: 291838

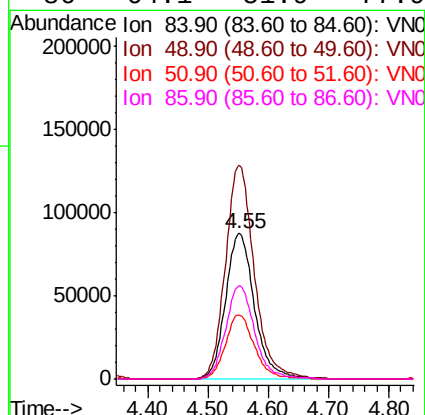
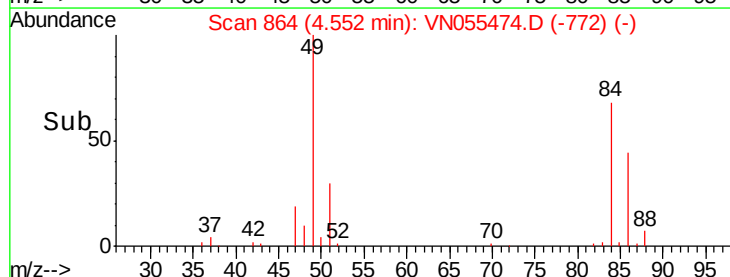
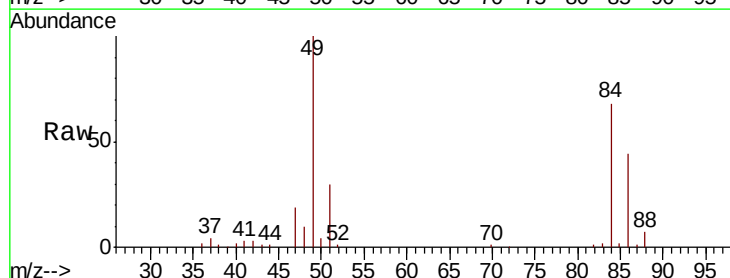
Ion Ratio Lower Upper

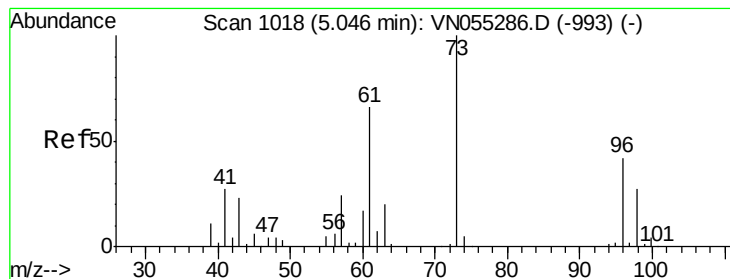
84 100

49 146.6 112.4 168.6

51 43.8 34.6 51.8

86 64.1 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 44.254 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

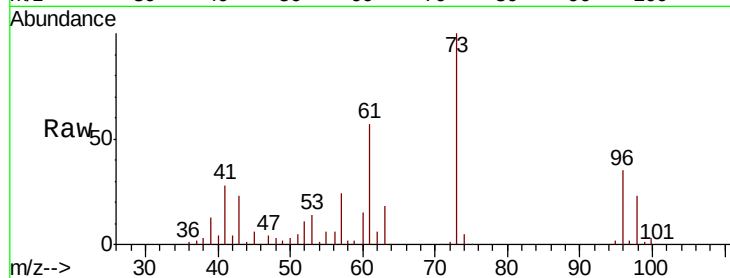
Tot Ion: 96 Resp: 248284

Ion Ratio Lower Upper

96 100

61 161.9 126.2 189.4

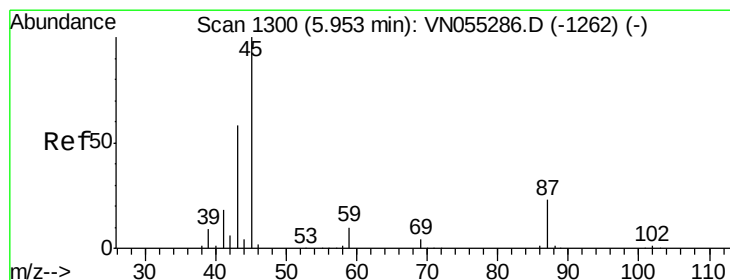
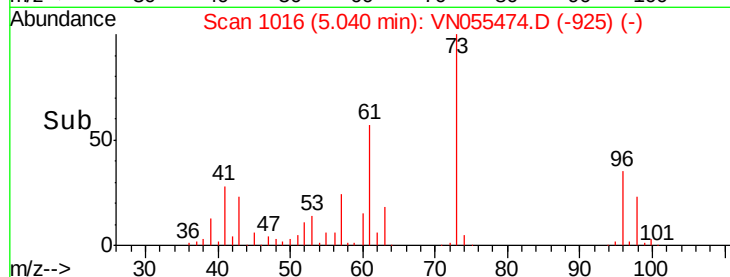
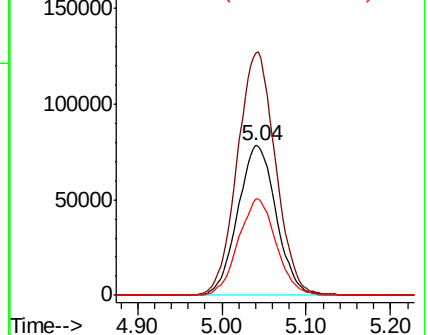
98 64.0 52.2 78.2



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: 56.321 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Tgt Ion: 45 Resp: 1227775

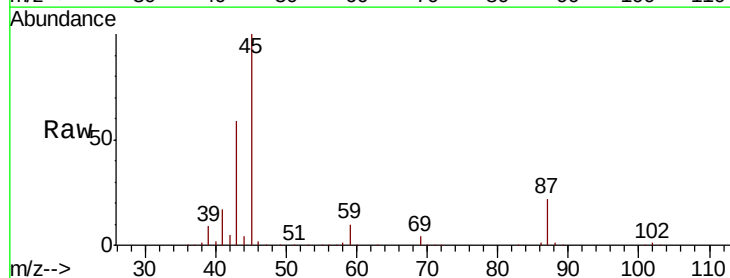
Ion Ratio Lower Upper

45 100

43 58.3 46.6 70.0

87 21.7 18.1 27.1

59 10.0 8.2 12.2

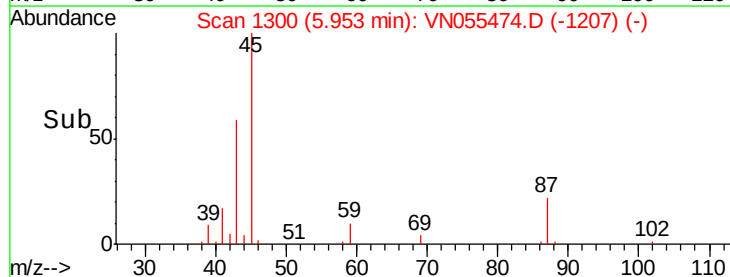
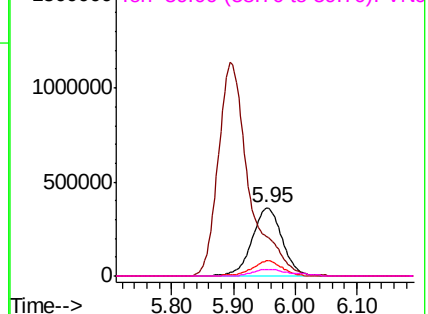


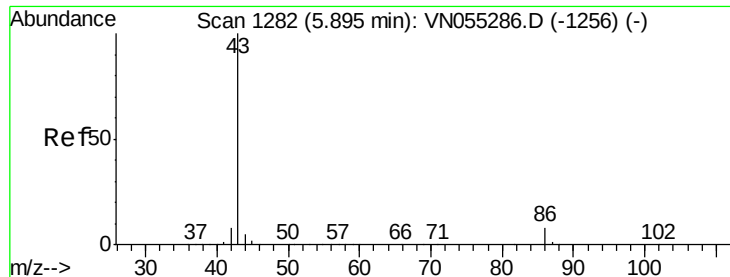
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 275.661 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

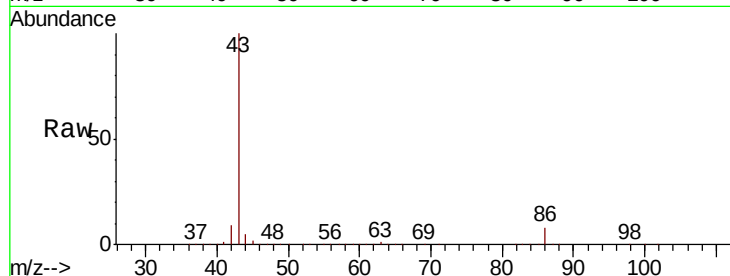
P026-SS002-1218-01MSD

Tot Ion: 43 Resp: 3938505

Ion Ratio Lower Upper

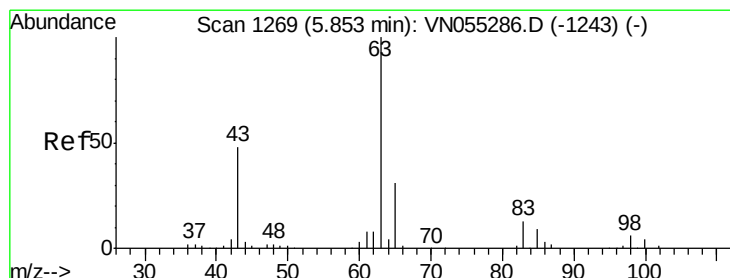
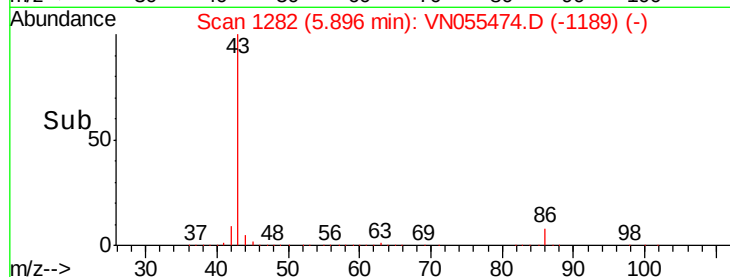
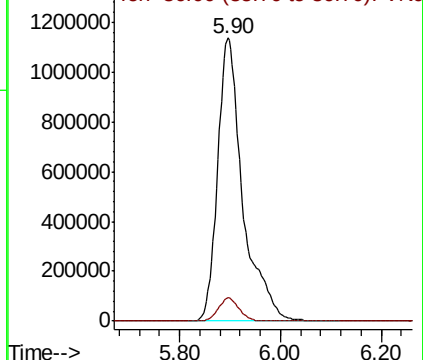
43 100

86 8.3 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.927 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

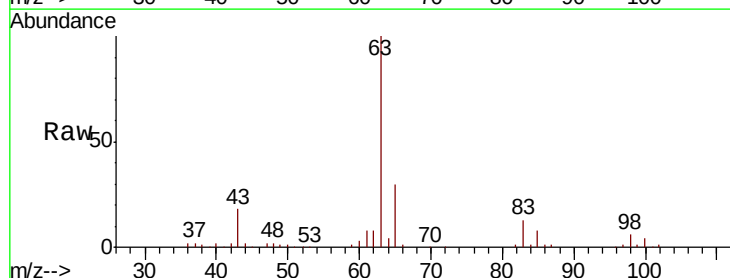
Tgt Ion: 63 Resp: 579911

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

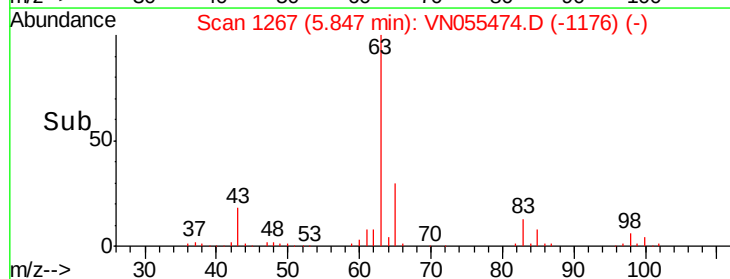
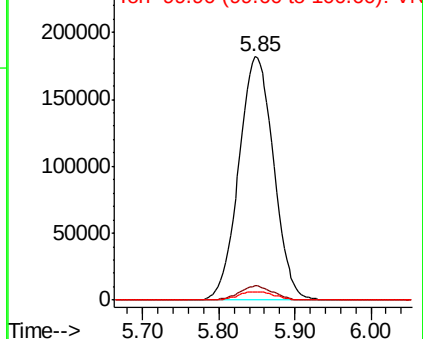
100 3.5 1.8 5.4

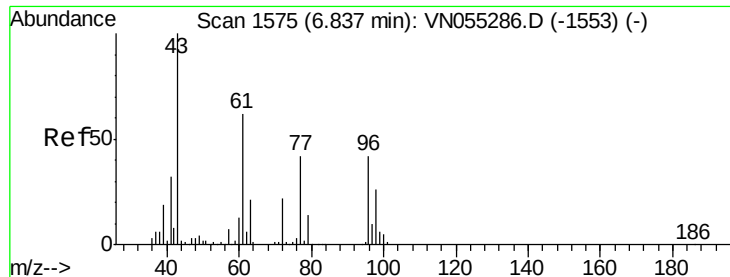


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

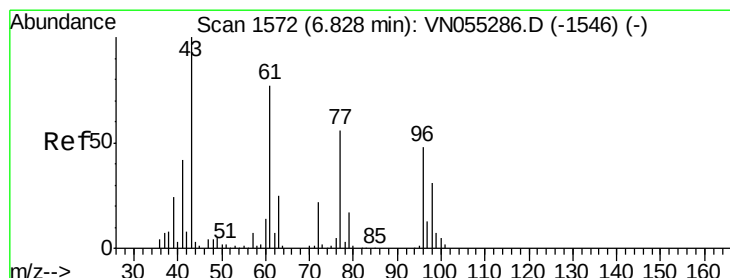
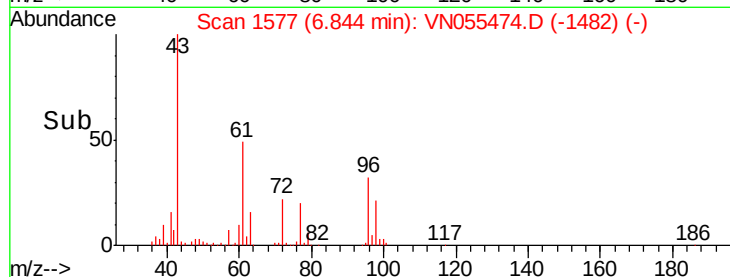
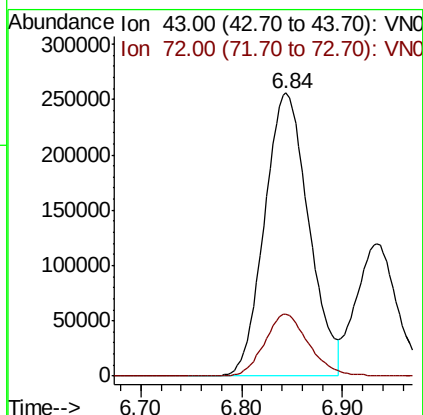
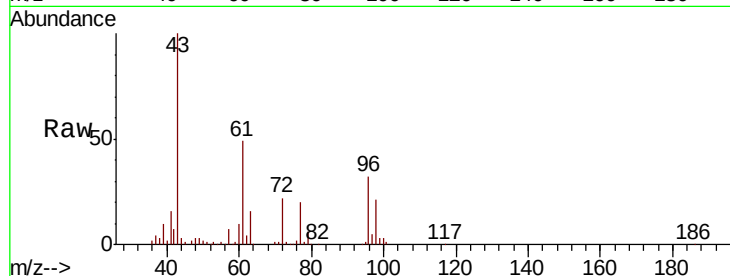




#25
2-Butanone
Concen: 278.549 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

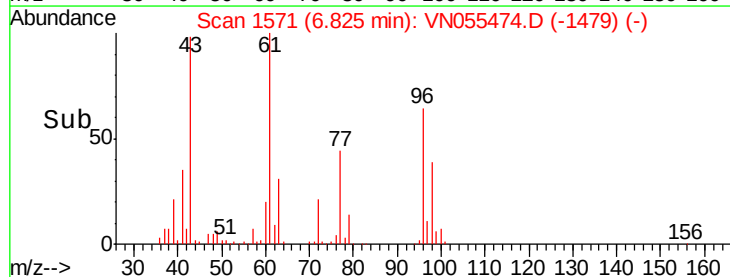
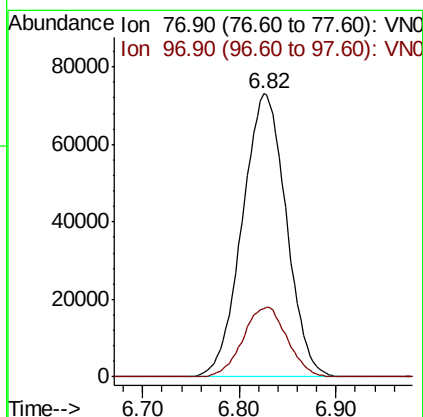
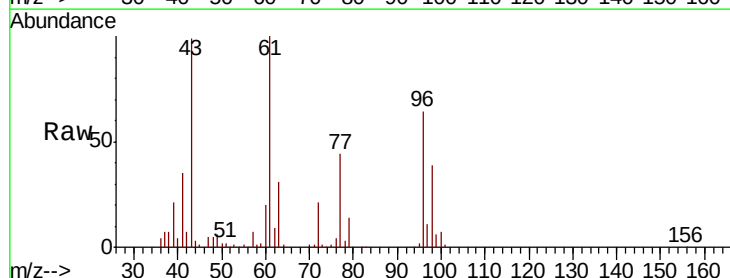
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

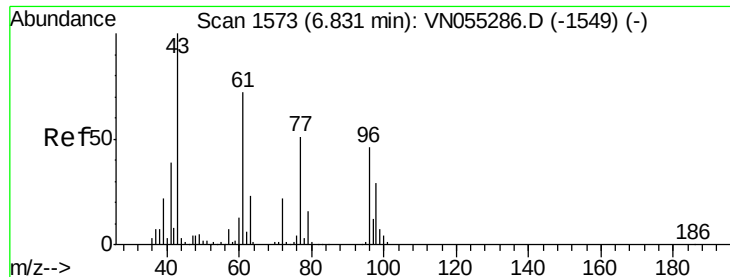
Tot Ion: 43 Resp: 778717
Ion Ratio Lower Upper
43 100
72 22.0 18.0 27.0



#26
2,2-Dichloropropane
Concen: 28.785 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 77 Resp: 230876
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.934 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

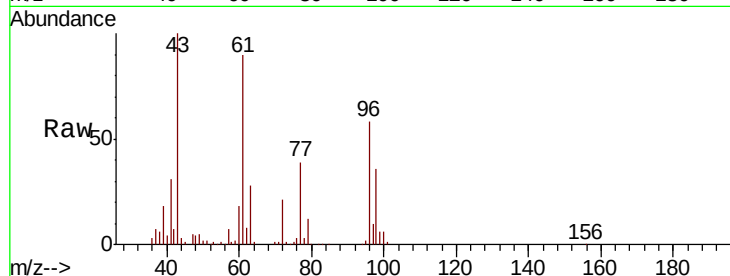
Tot Ion: 96 Resp: 312209

Ion Ratio Lower Upper

96 100

61 156.5 0.0 316.2

98 64.0 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

200000

150000

100000

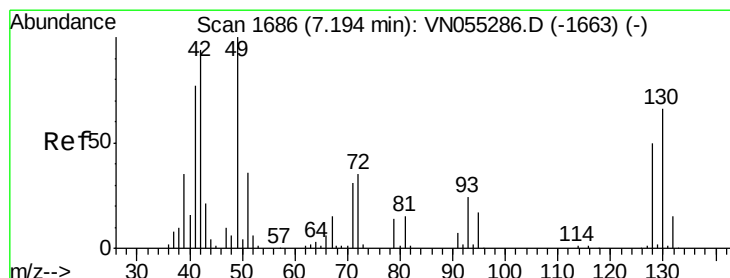
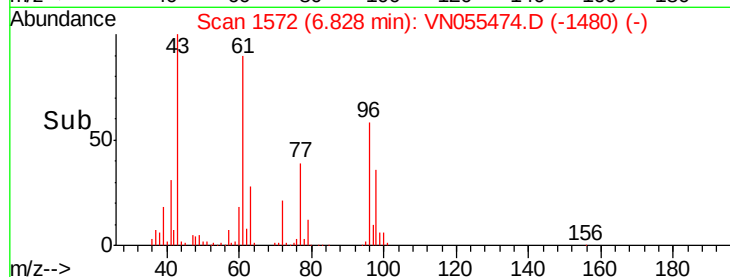
50000

0

6.70 6.80 6.90

6.83

Time-->



#28

Bromochloromethane

Concen: 37.171 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

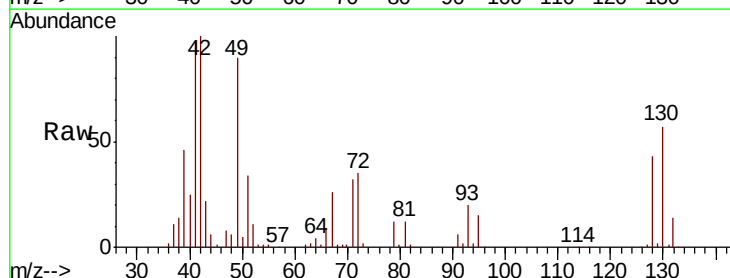
Tgt Ion: 49 Resp: 217627

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

130 61.6 52.0 78.0



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

100000

80000

60000

40000

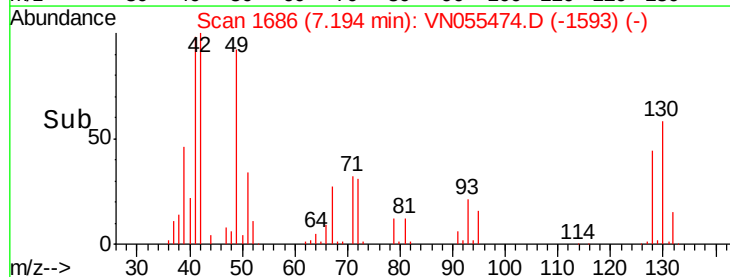
20000

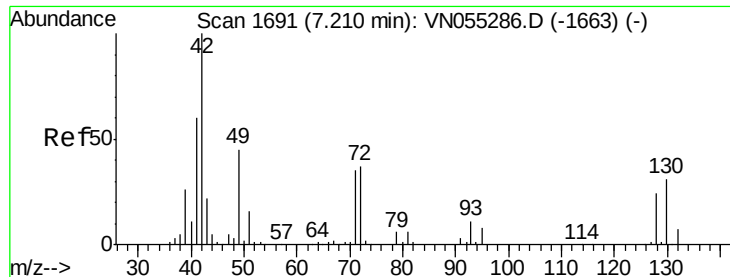
0

7.10 7.20 7.30

7.19

Time-->

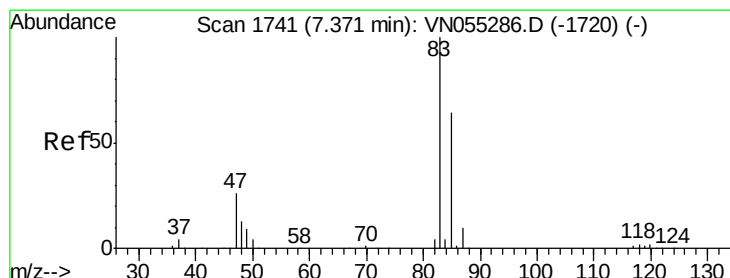
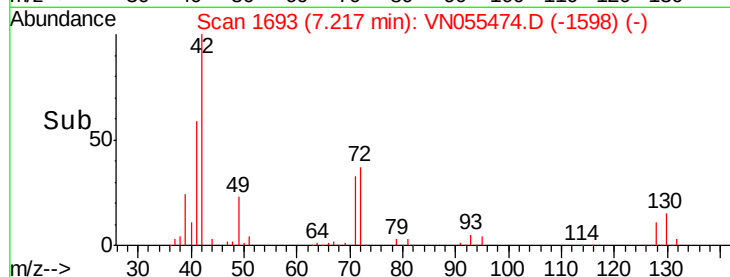
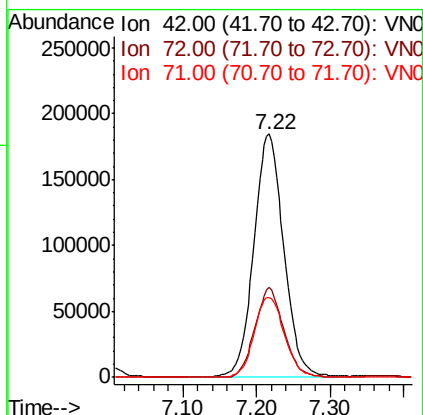
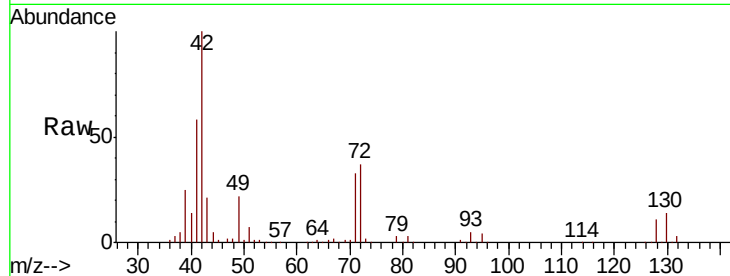




#29
Tetrahydrofuran
Concen: 290.249 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

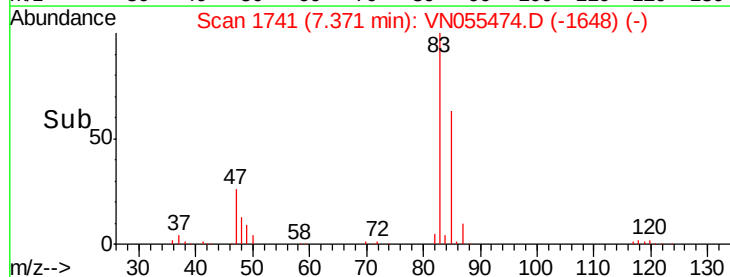
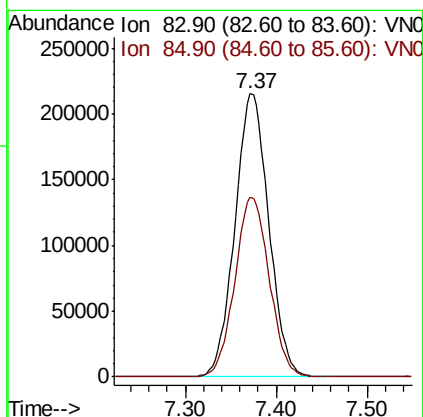
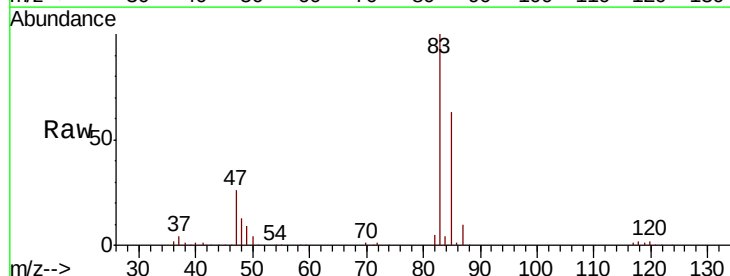
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

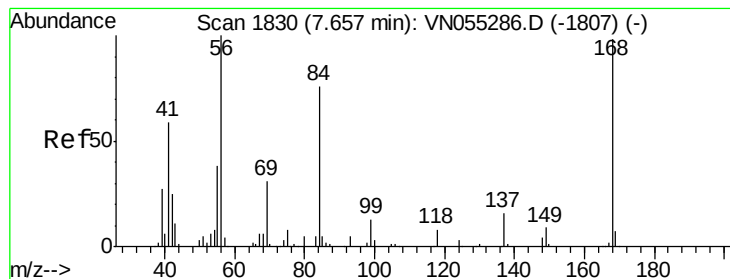
Tot Ion: 42 Resp: 519580
Ion Ratio Lower Upper
42 100
72 35.7 29.0 43.6
71 33.6 27.1 40.7



#30
Chloroform
Concen: 50.489 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 83 Resp: 555915
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2





#31

Cyclohexane

Concen: 45.592 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

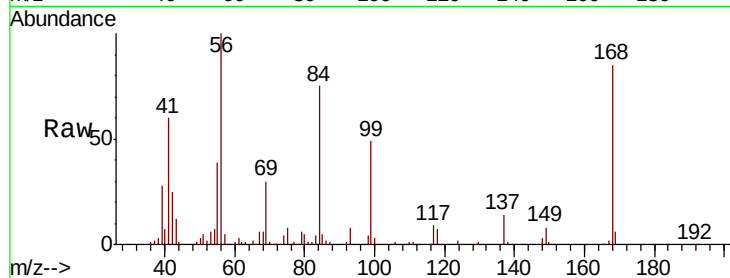
Tot Ion: 56 Resp: 503130

Ion Ratio Lower Upper

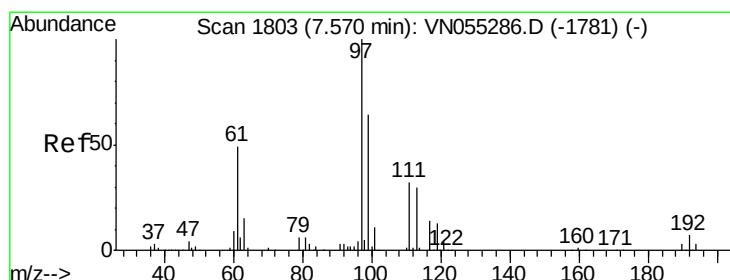
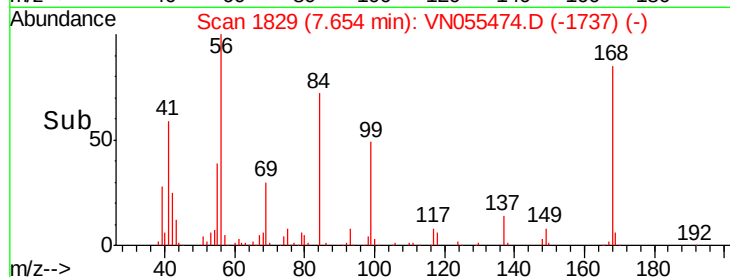
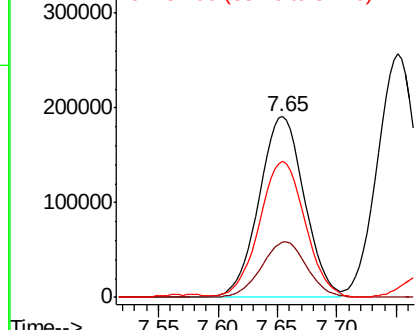
56 100

69 30.5 25.2 37.8

84 74.0 61.1 91.7



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



#32

1,1,1-Trichloroethane

Concen: 50.200 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

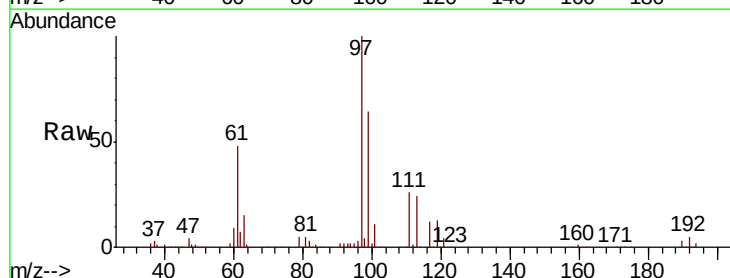
Tgt Ion: 97 Resp: 448599

Ion Ratio Lower Upper

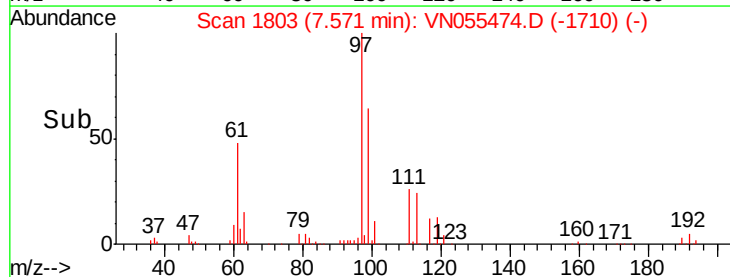
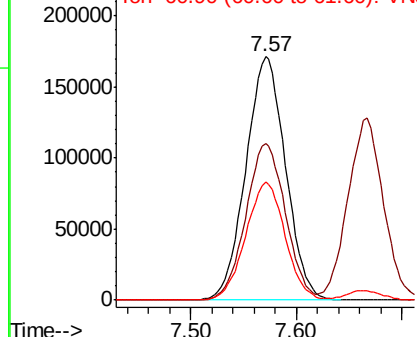
97 100

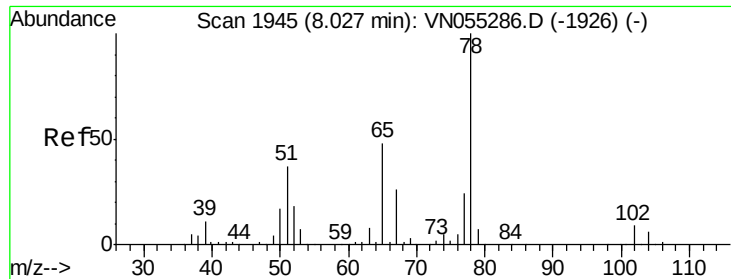
99 64.2 51.8 77.8

61 48.2 39.0 58.6



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

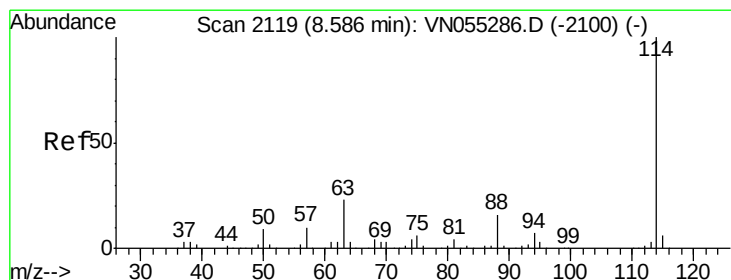
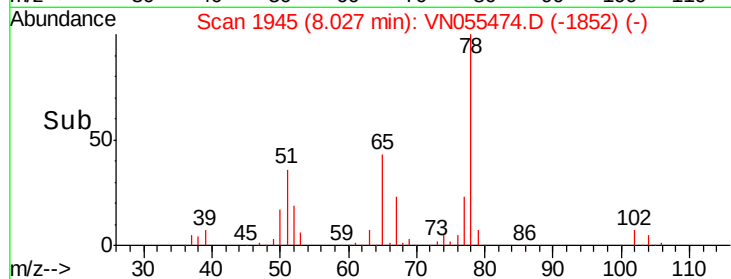
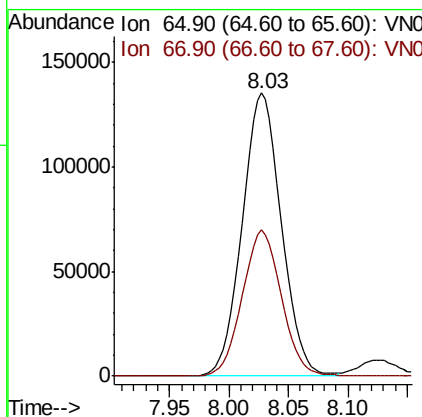
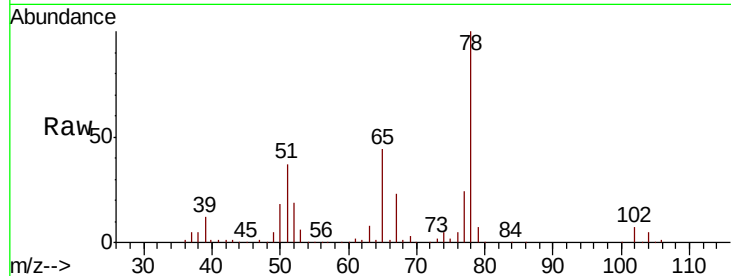




#33
 1,2-Dichloroethane-d4
 Concen: 43.918 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

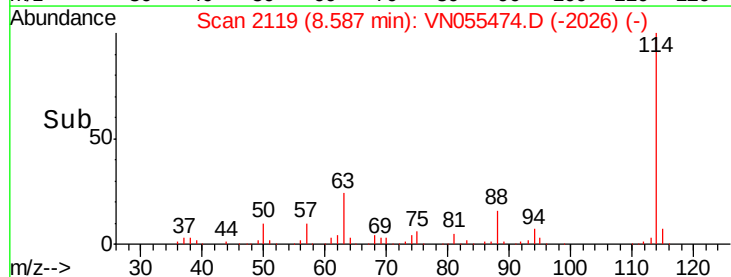
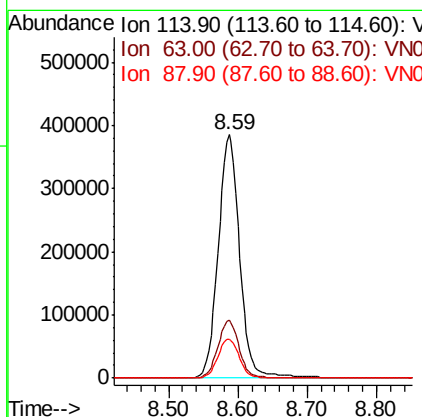
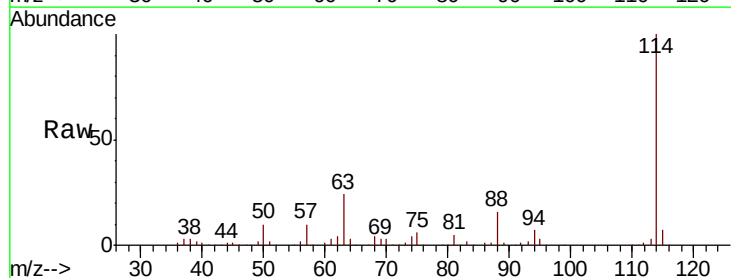
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

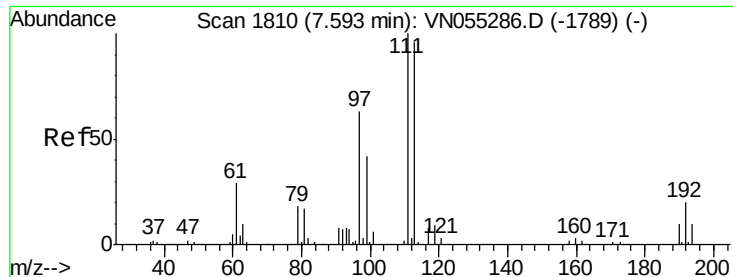
Tot Ion: 65 Resp: 308116
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion: 114 Resp: 826619
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.2
 88 16.0 0.0 31.6

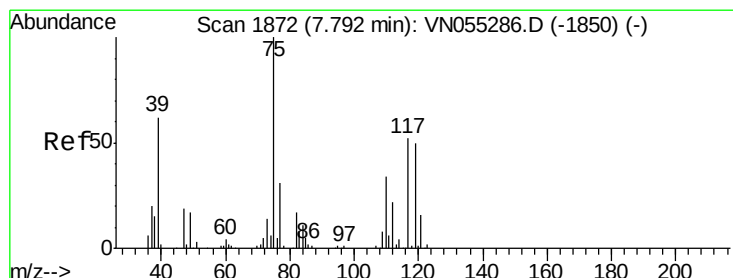
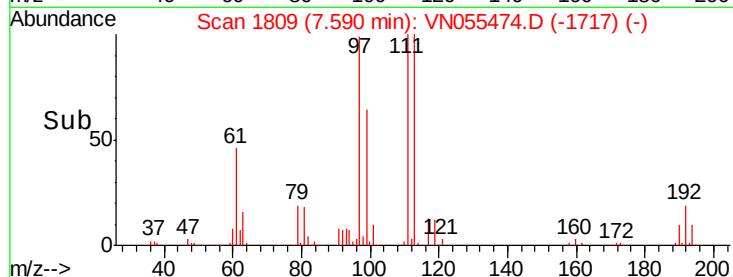
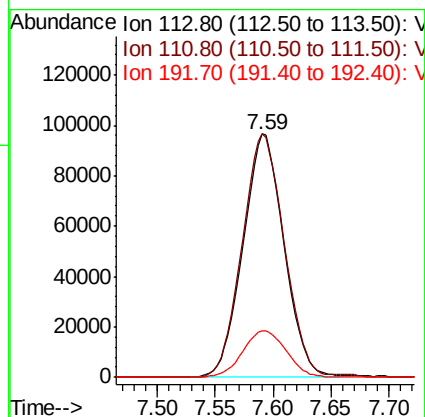
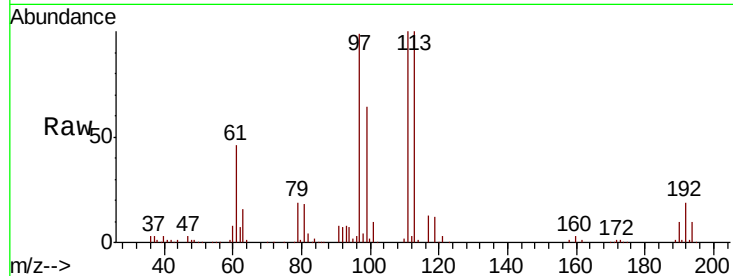




#35
 Dibromofluoromethane
 Concen: 43.726 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

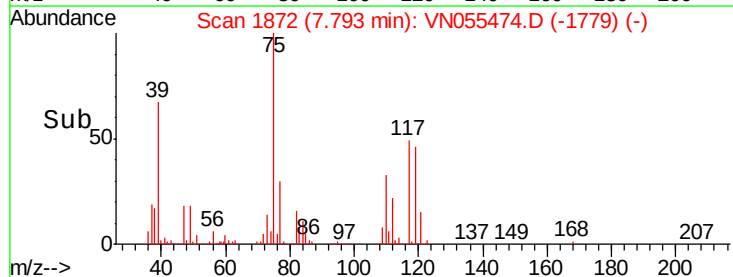
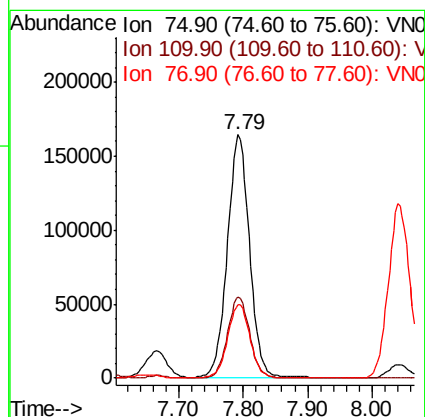
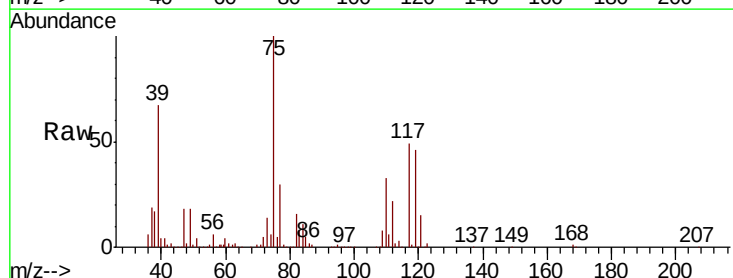
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

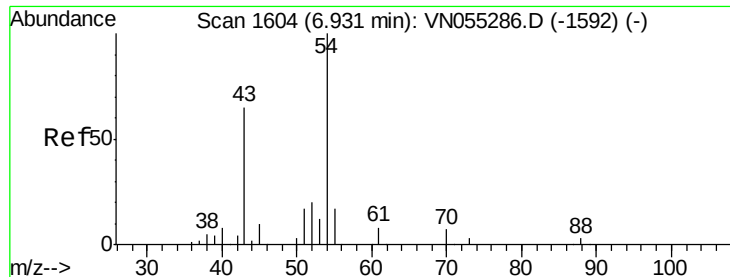
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	20.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 49.956 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.8	50.4
77	30.6	25.0	37.6

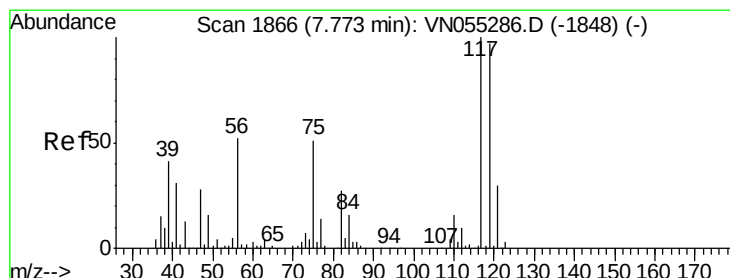
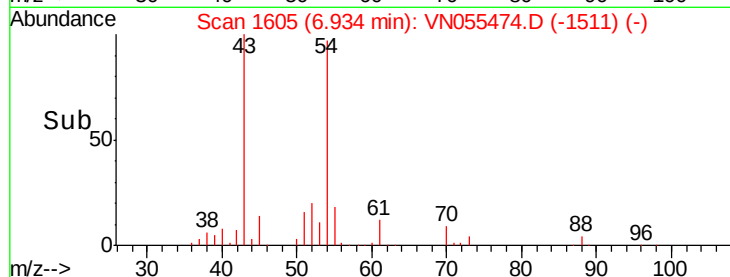
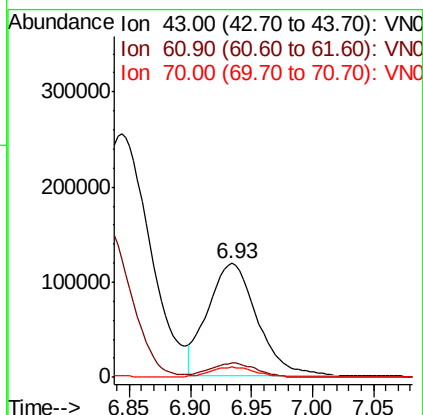
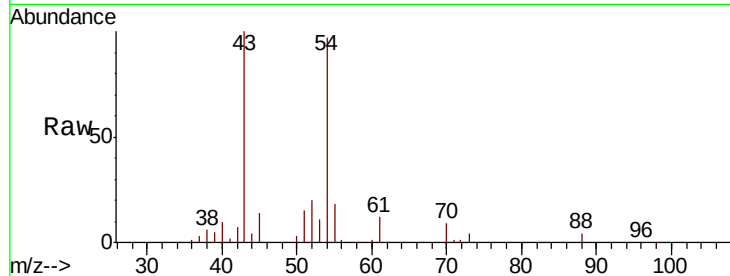




#37
Ethyl Acetate
Concen: 55.003 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

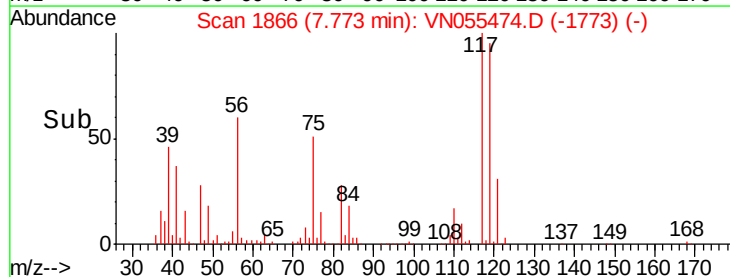
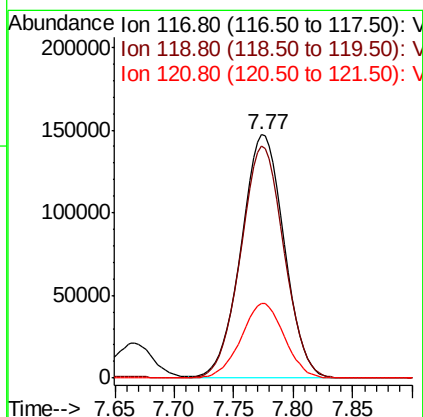
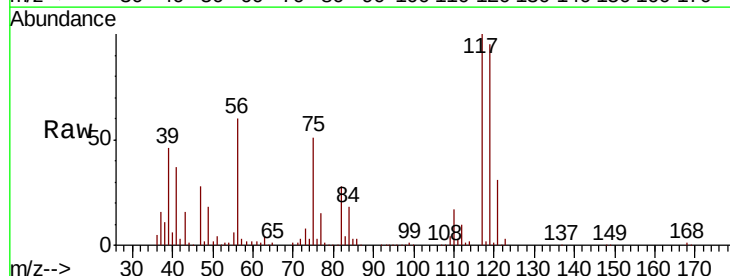
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

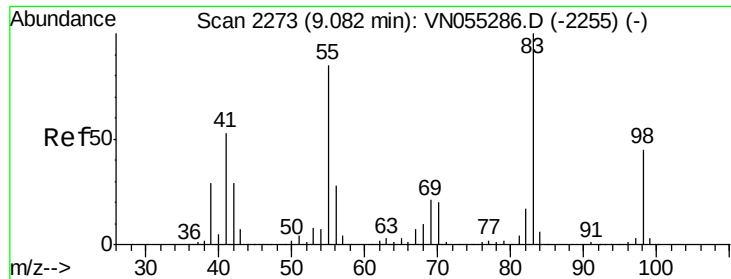
Tot Ion: 43 Resp: 333772
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 8.3 6.6 10.0



#38
Carbon Tetrachloride
Concen: 48.184 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 117 Resp: 368021
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.6
121 31.0 23.8 35.8

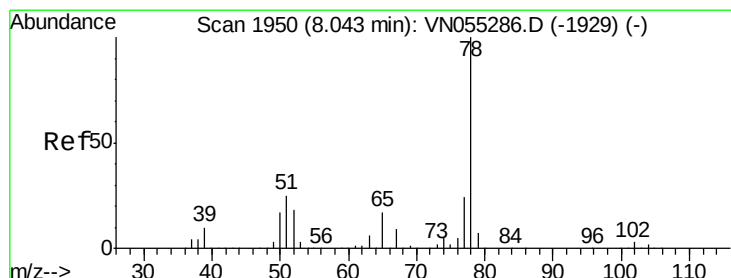
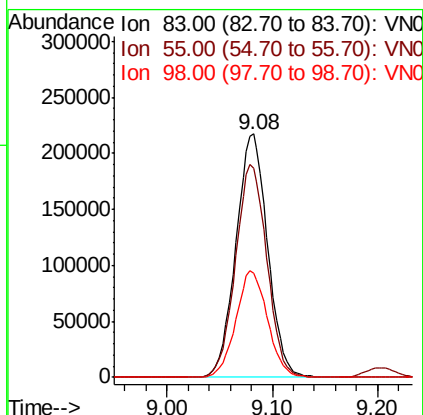
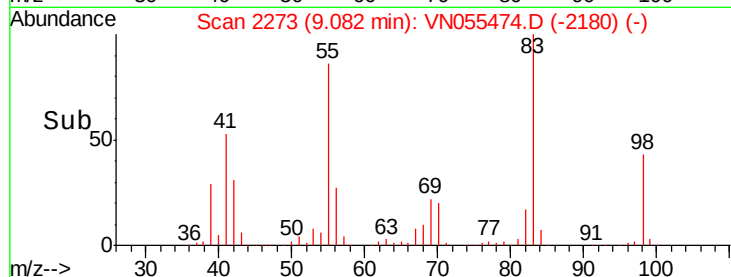
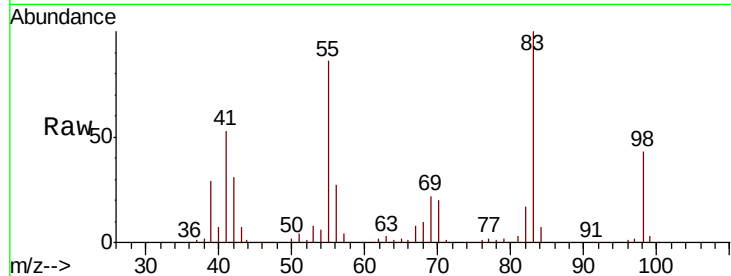




#39
Methylvlcyclohexane
Concen: 53.675 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

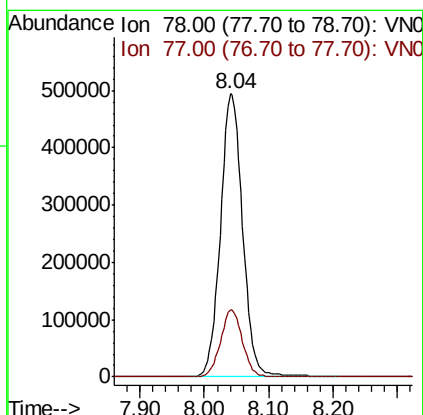
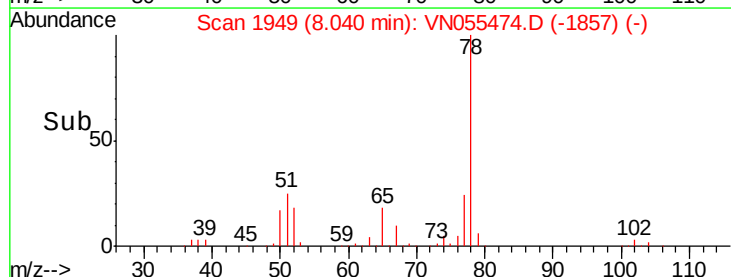
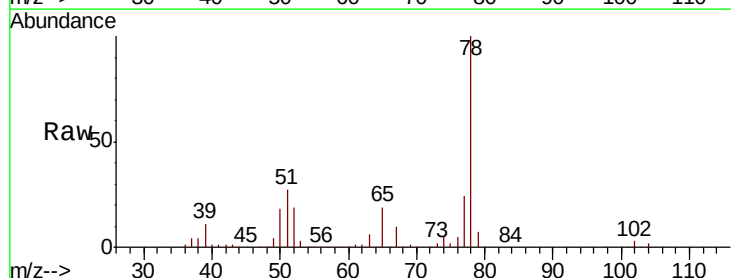
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

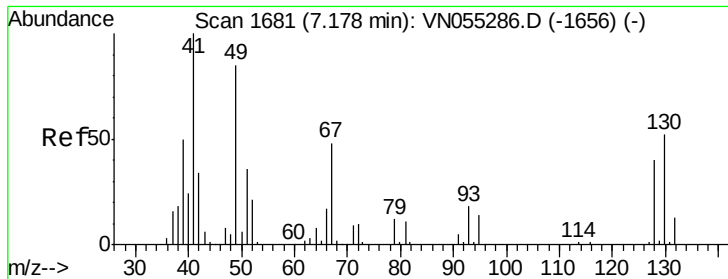
Tot Ion: 83 Resp: 451854
Ion Ratio Lower Upper
83 100
55 86.0 67.8 101.6
98 42.9 36.2 54.4



#40
Benzene
Concen: 50.431 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 78 Resp: 1177116
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

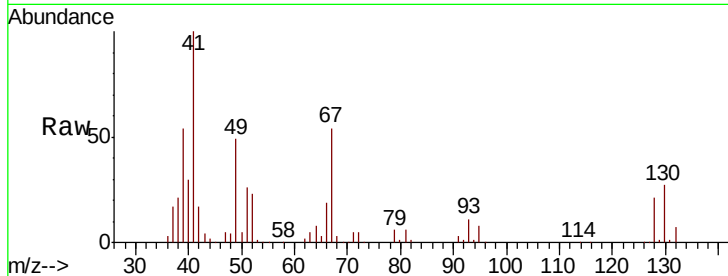




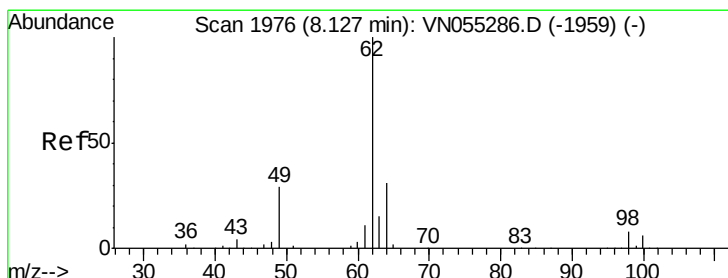
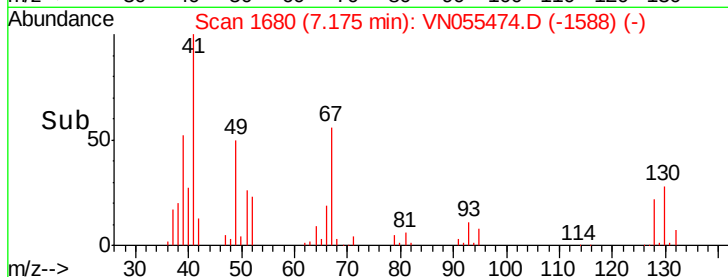
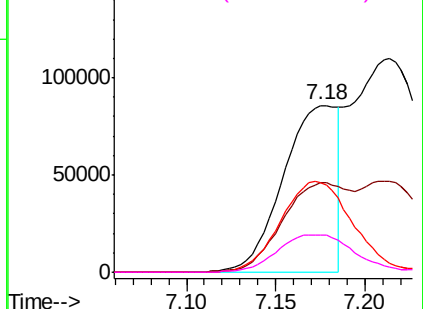
#41
Methacrylonitrile
Concen: 55.247 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

Tot Ion:	41	Resp:	181702
Ion	Ratio	Lower	Upper
41	100		
39	67.1	48.5	72.7
67	72.8	54.9	82.3
52	31.5	24.9	37.3

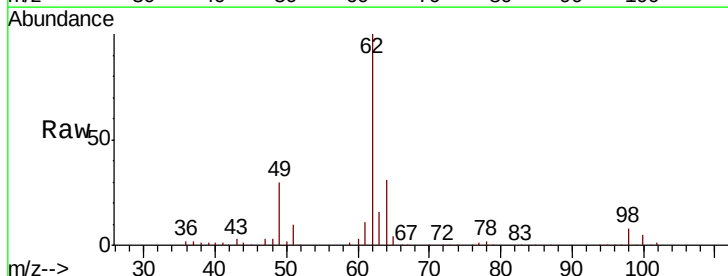


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

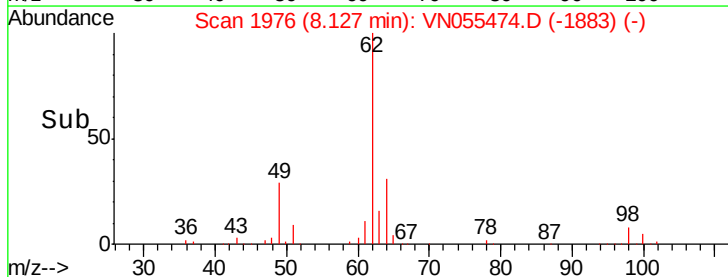
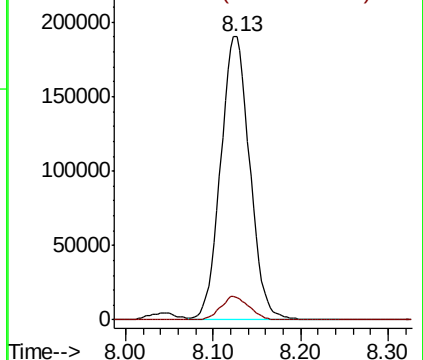


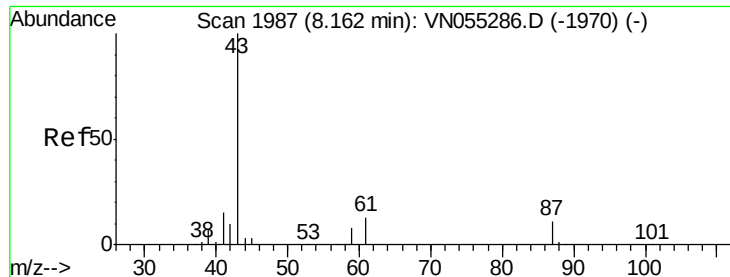
#42
1,2-Dichloroethane
Concen: 53.096 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion:	62	Resp:	438941
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4



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





#43

Isopropyl Acetate

Concen: 62.805 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

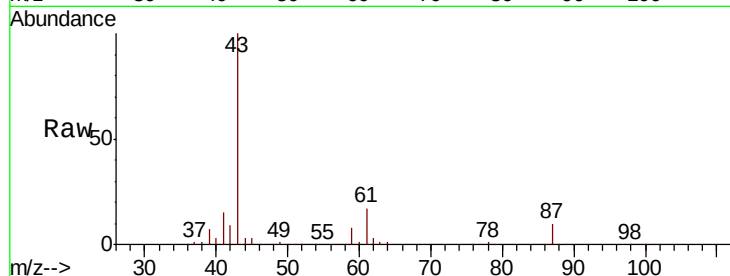
Tot Ion: 43 Resp: 612480

Ion Ratio Lower Upper

43 100

61 24.8 20.8 31.2

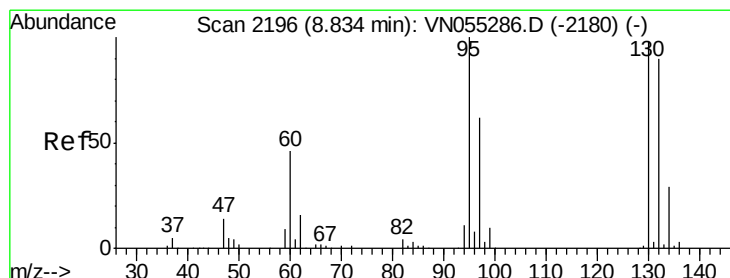
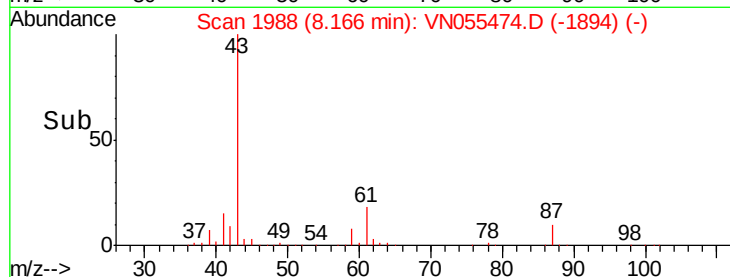
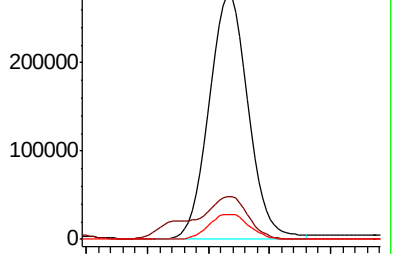
87 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 49.820 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055474.D

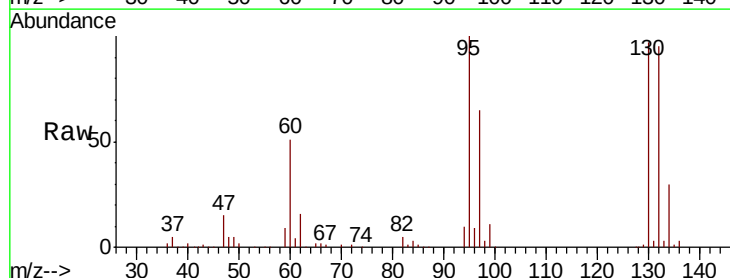
Acq: 8 May 2019 7:26

Tgt Ion:130 Resp: 296442

Ion Ratio Lower Upper

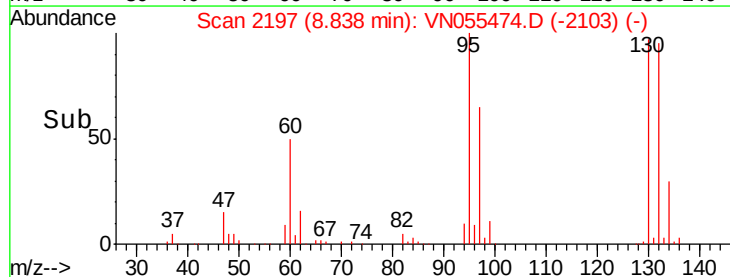
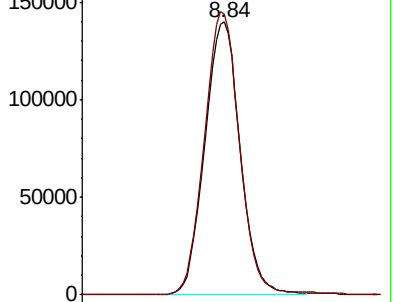
130 100

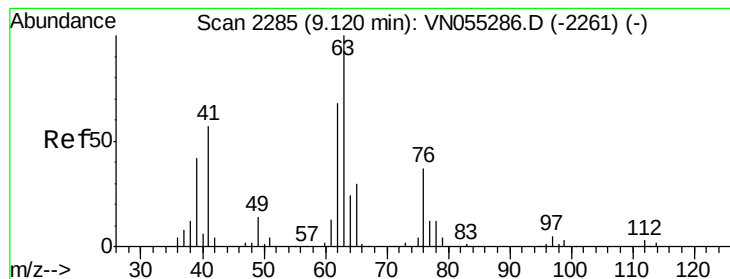
95 103.0 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 52.810 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

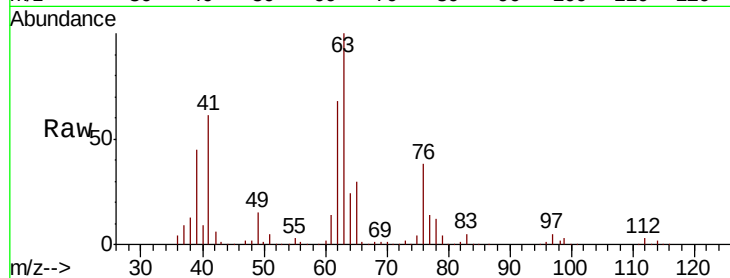
P026-SS002-1218-01MSD

Tot Ion: 63 Resp: 35510

Ion Ratio Lower Upper

63 100

65 29.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

200000

150000

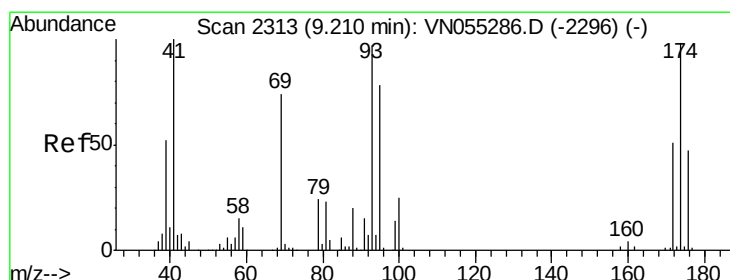
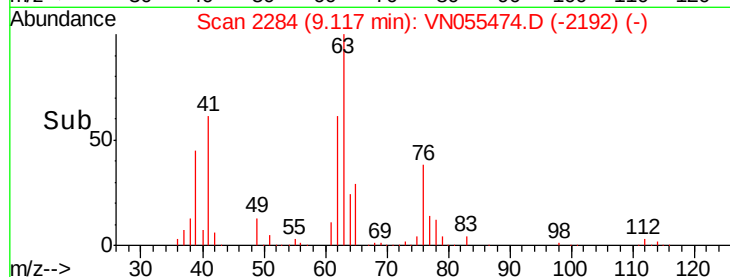
100000

50000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 51.653 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

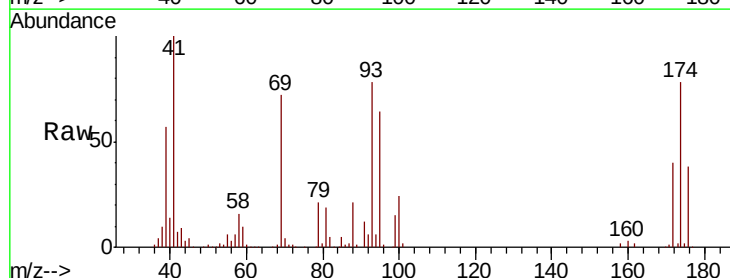
Tgt Ion: 93 Resp: 190067

Ion Ratio Lower Upper

93 100

95 81.4 65.7 98.5

174 98.2 81.5 122.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

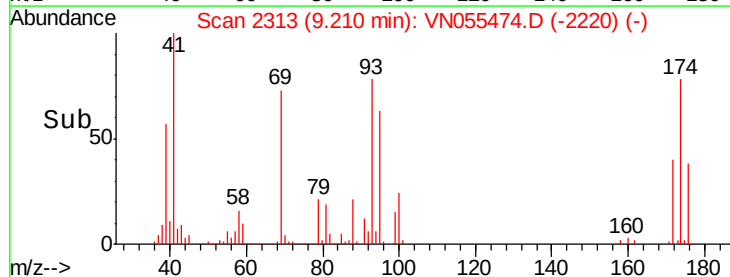
40000

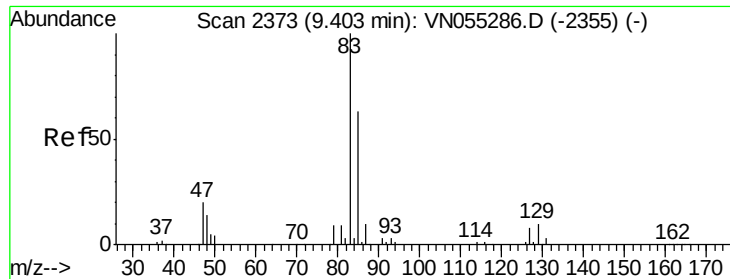
20000

0

9.10 9.20 9.30

Time-->





#47

Bromodichloromethane

Concen: 52.978 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

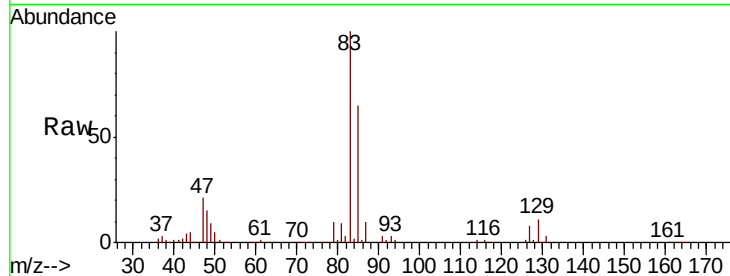
Tot Ion: 83 Resp: 418211

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

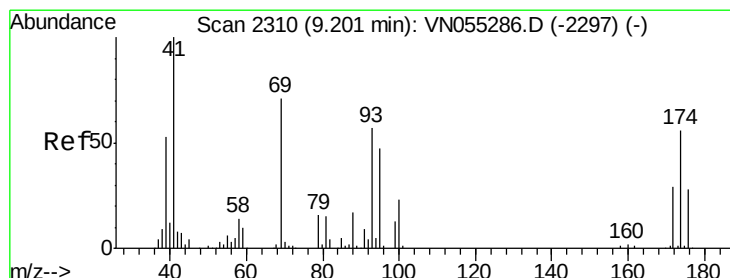
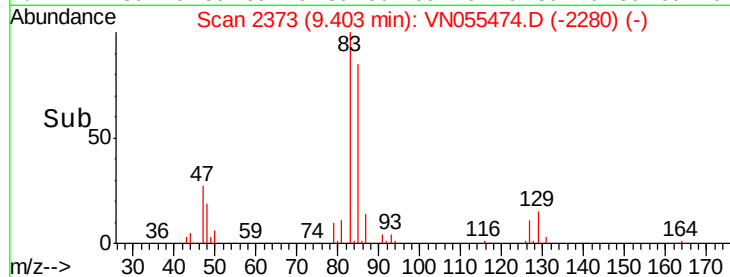
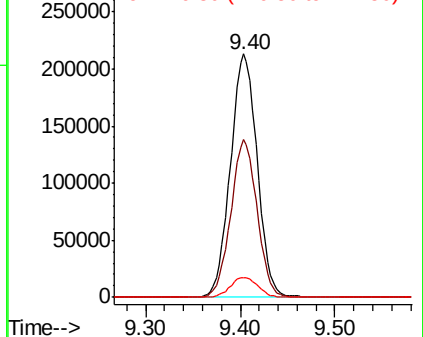
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 60.529 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

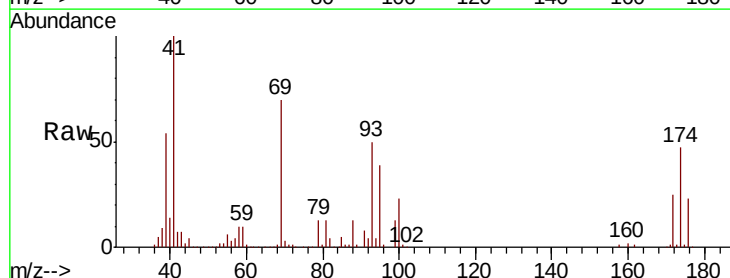
Tgt Ion: 41 Resp: 290185

Ion Ratio Lower Upper

41 100

69 74.1 58.6 87.8

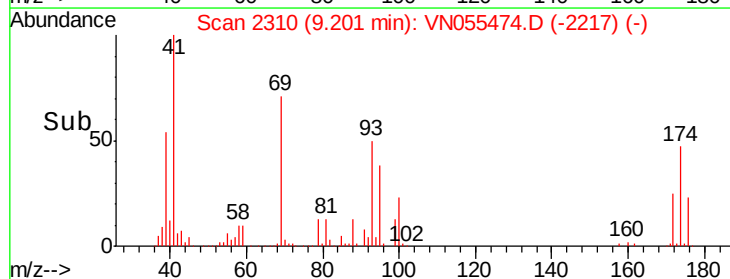
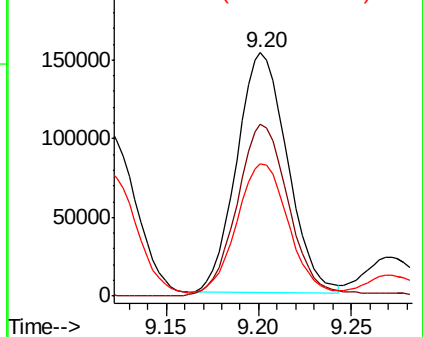
39 56.1 43.8 65.6

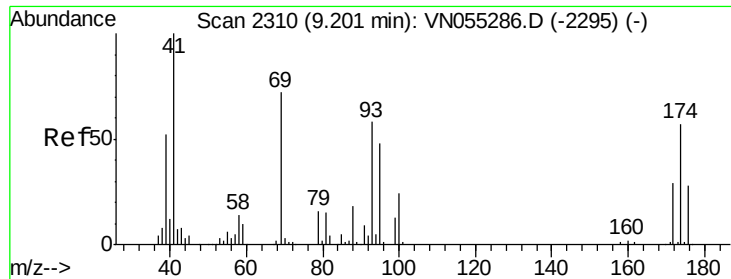


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1224.509 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.01 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

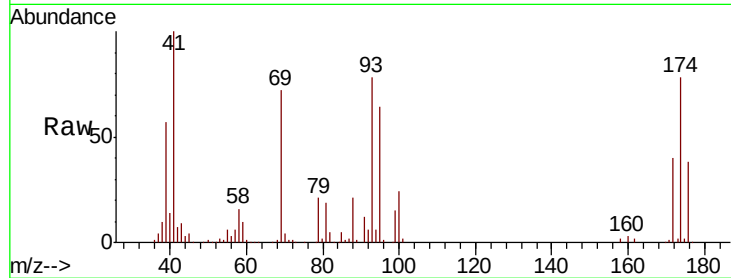
Tot Ion: 88 Resp: 60685

Ion Ratio Lower Upper

88 100

43 38.5 33.3 49.9

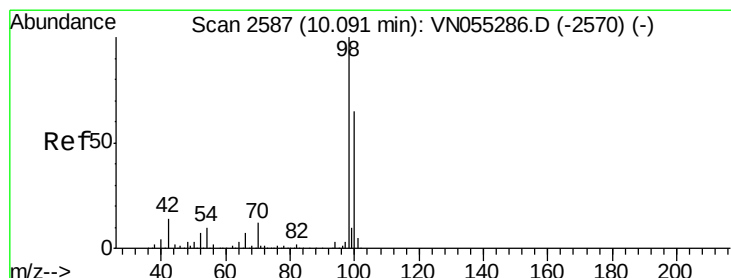
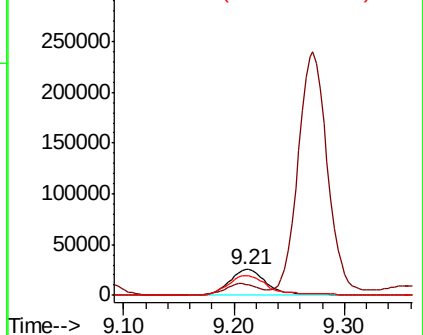
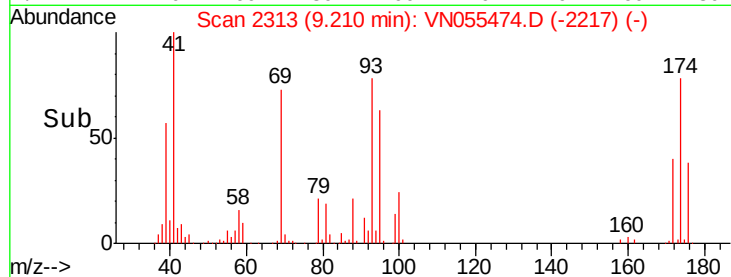
58 79.1 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055474.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055474.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055474.D (-2217) (-)



#50

Toluene-d8

Concen: 43.445 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055474.D

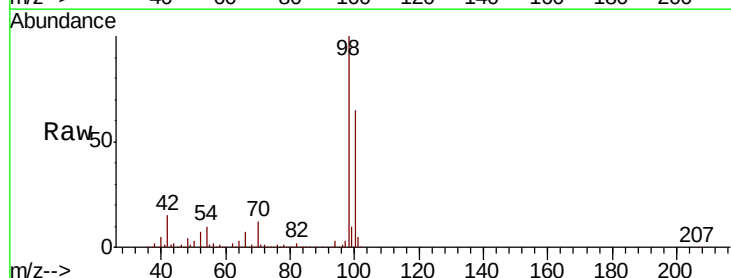
Acq: 8 May 2019 7:26

Tgt Ion: 98 Resp: 851144

Ion Ratio Lower Upper

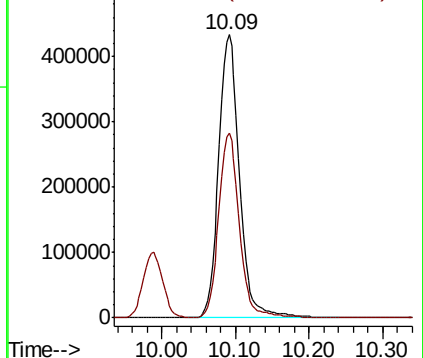
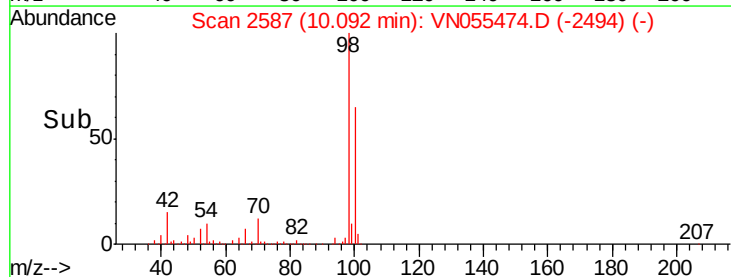
98 100

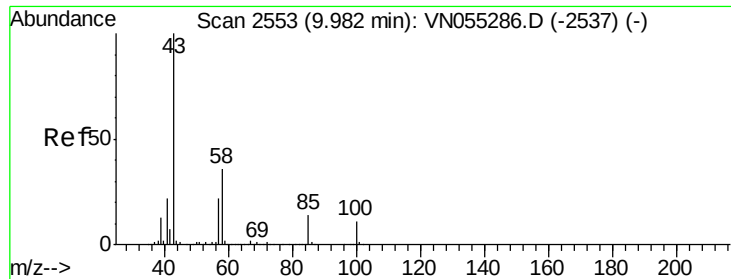
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055474.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055474.D (-2494) (-)

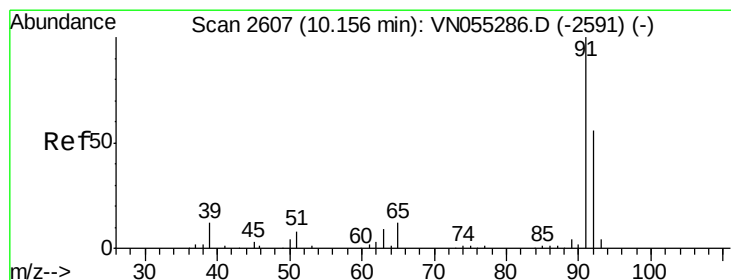
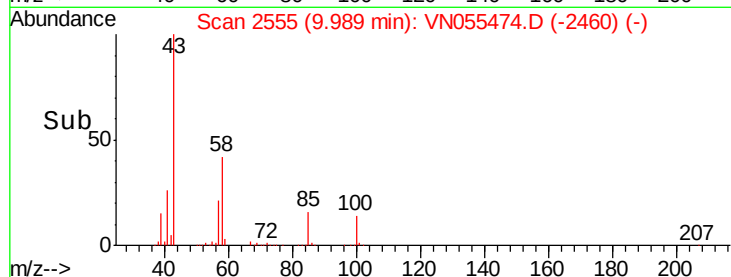
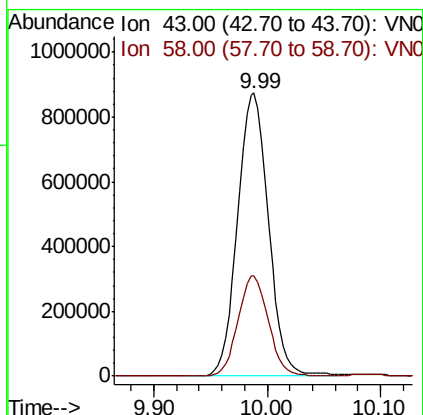
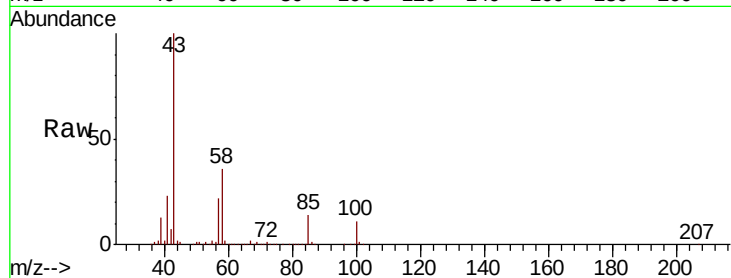




#51
 4-Methyl-2-Pentanone
 Concen: 302.816 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.01 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

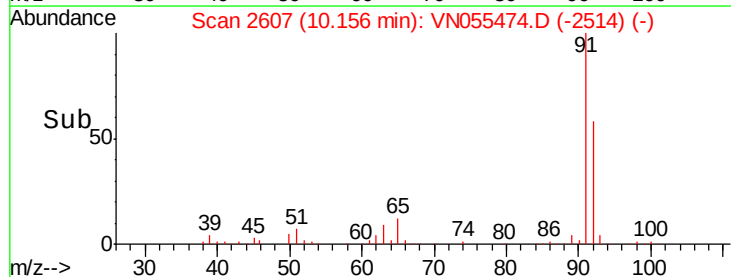
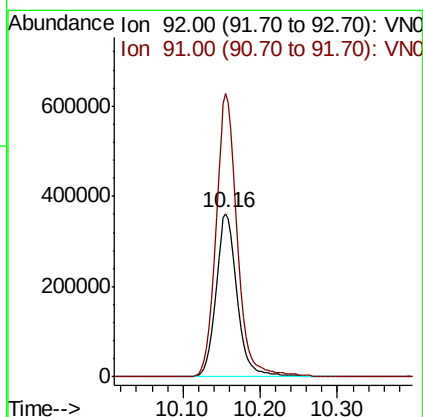
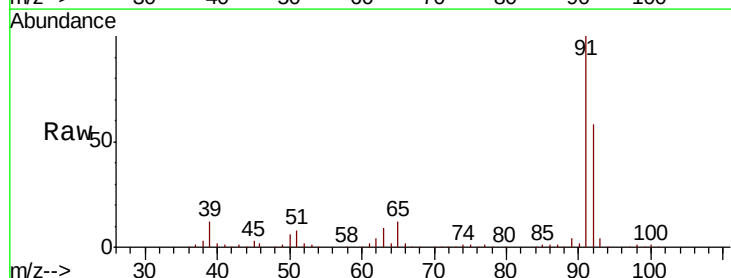
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

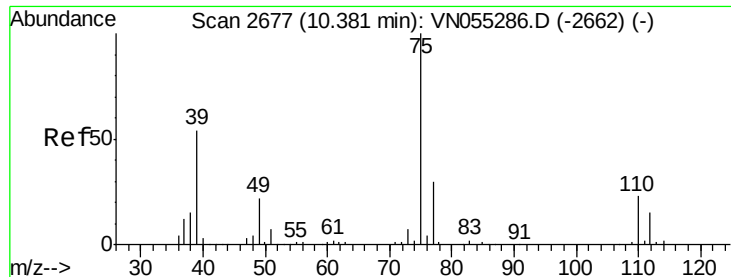
Tot Ion: 43 Resp: 1662631
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.5 42.7



#52
 Toluene
 Concen: 52.222 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion: 92 Resp: 699378
 Ion Ratio Lower Upper
 92 100
 91 173.6 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 53.827 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

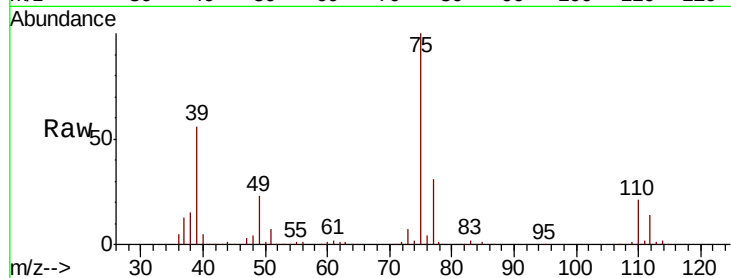
P026-SS002-1218-01MSD

Tot Ion: 75 Resp: 368872

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

200000

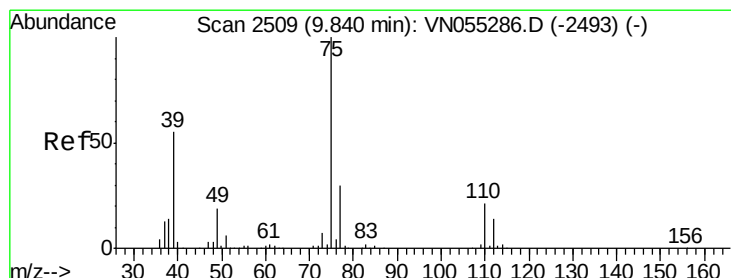
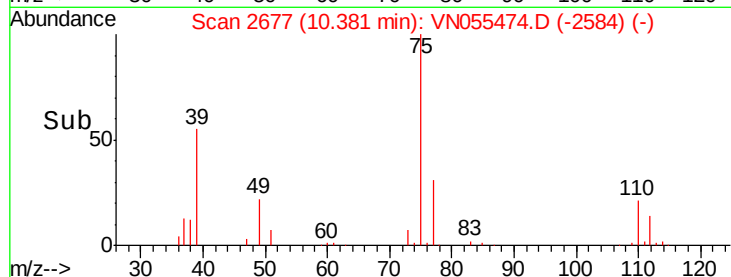
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.918 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

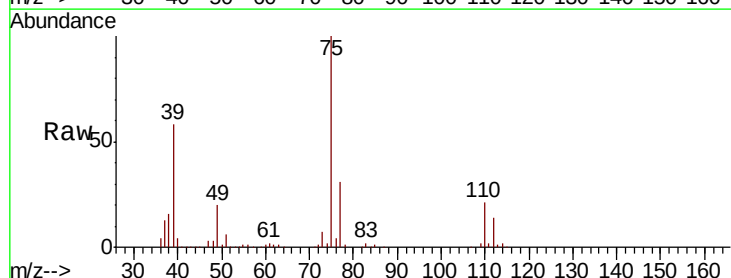
Tgt Ion: 75 Resp: 443596

Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.2

39 57.5 44.2 66.2



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

9.84

300000

250000

200000

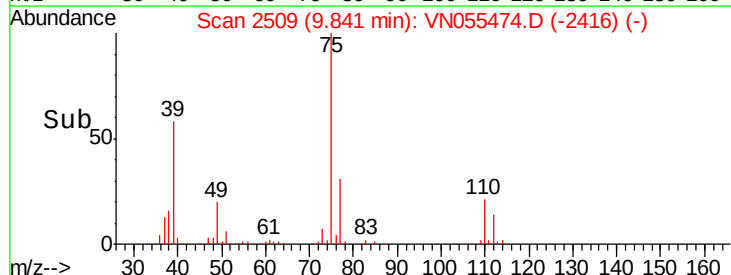
150000

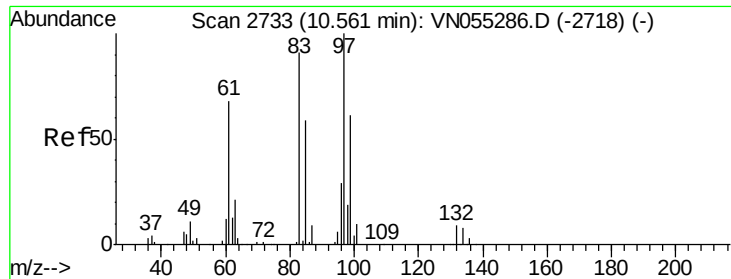
100000

50000

0

Time-->

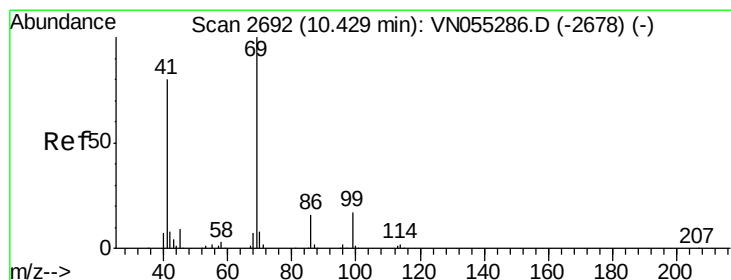
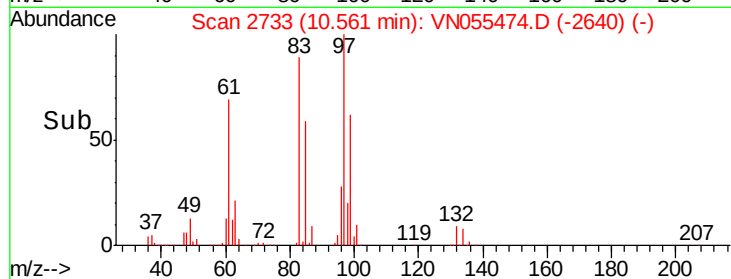
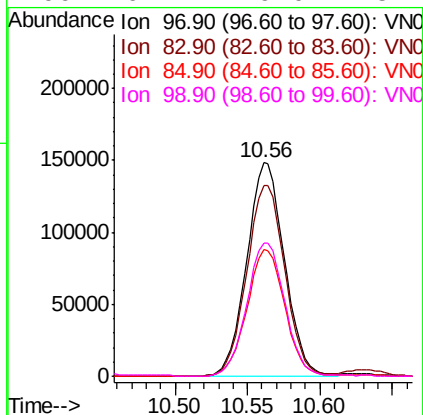
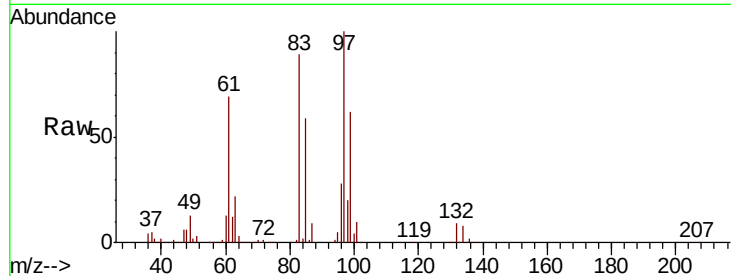




#55
 1,1,2-Trichloroethane
 Concen: 54.076 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

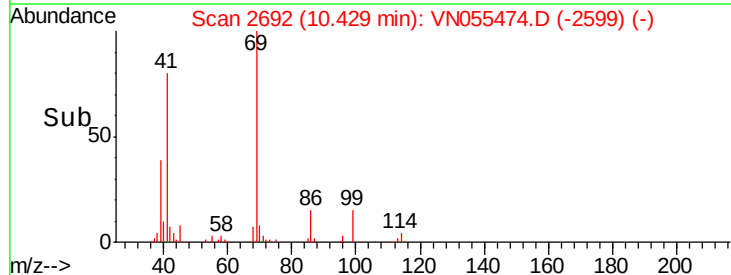
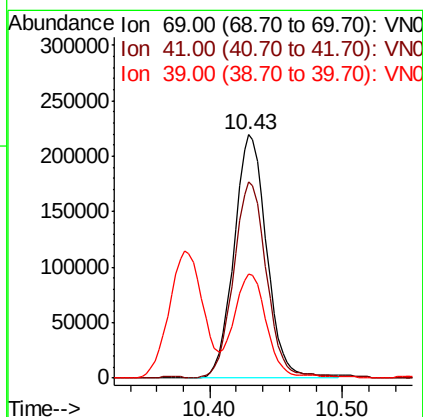
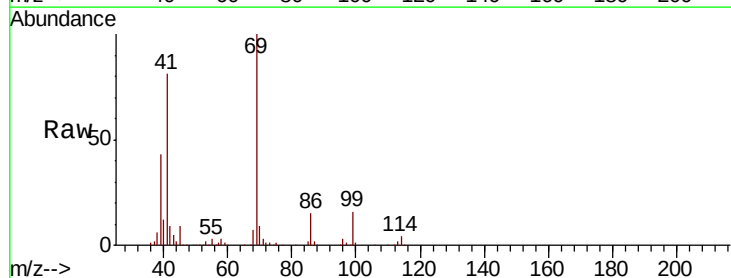
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

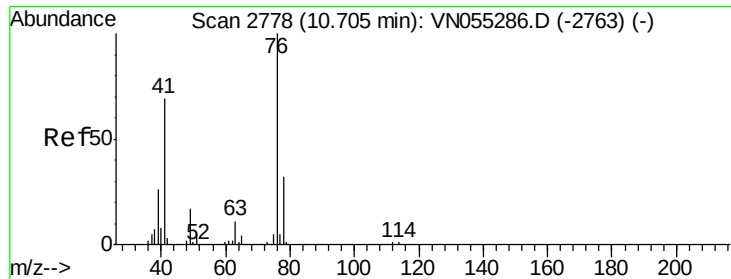
Tot Ion	97	Resp	268927
Ion	Ratio	Lower	Upper
97	100		
83	89.3	72.8	109.2
85	59.1	47.0	70.6
99	62.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 61.330 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion	69	Resp	375410
Ion	Ratio	Lower	Upper
69	100		
41	80.7	62.7	94.1
39	42.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 55.440 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

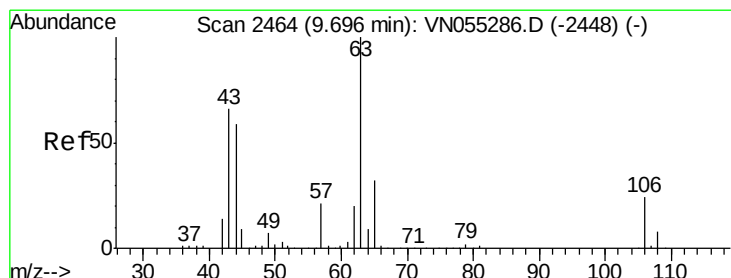
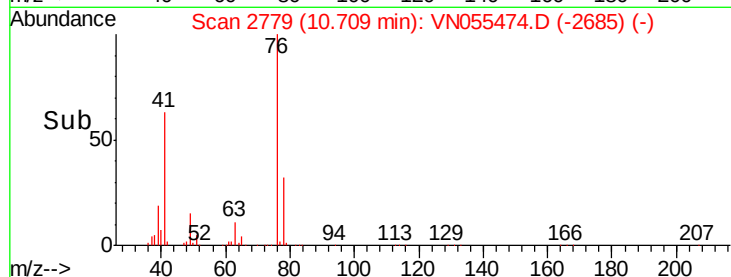
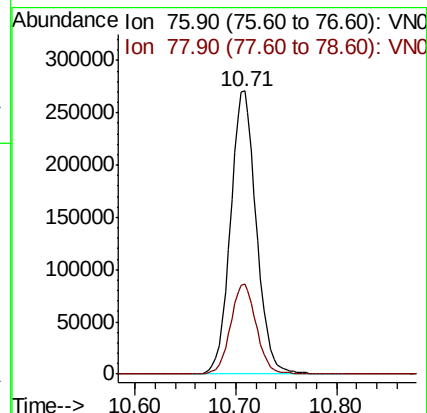
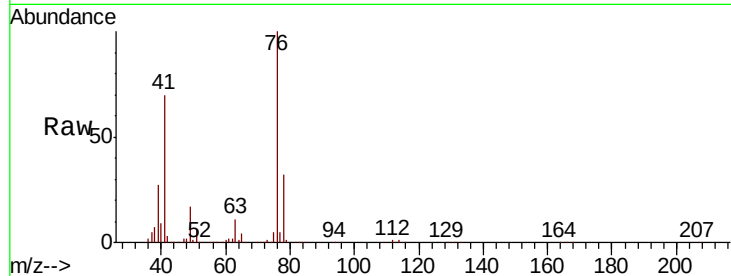
P026-SS002-1218-01MSD

Tot Ion: 76 Resp: 483673

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 290.517 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055474.D

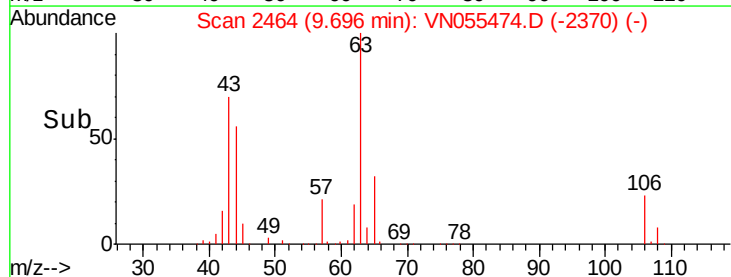
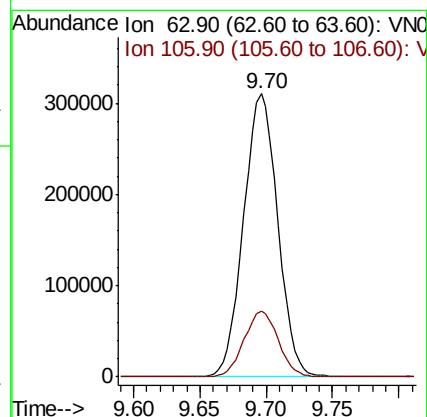
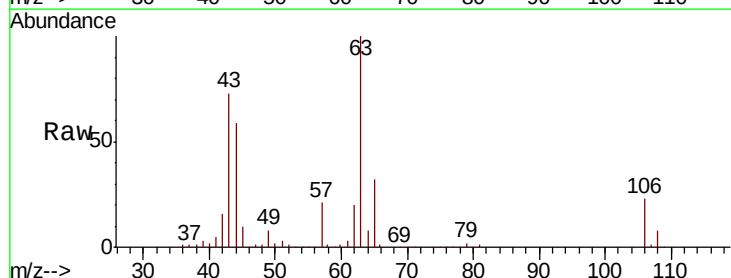
Acq: 8 May 2019 7:26

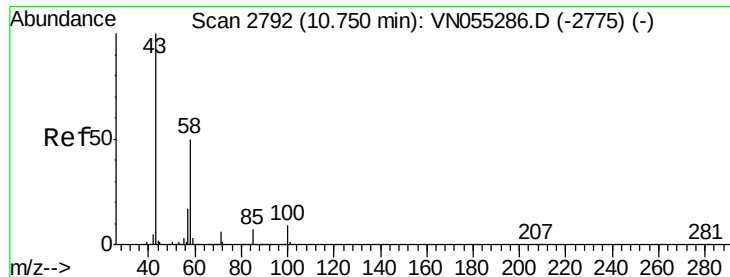
Tgt Ion: 63 Resp: 555910

Ion Ratio Lower Upper

63 100

106 23.4 19.0 28.4

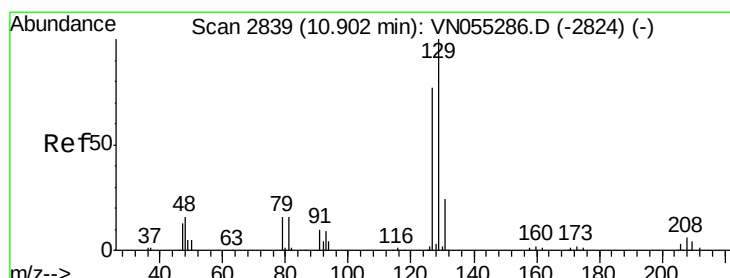
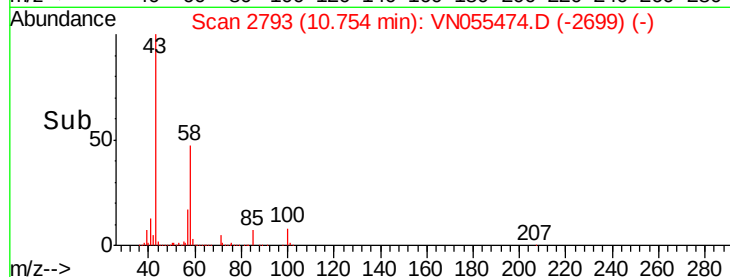
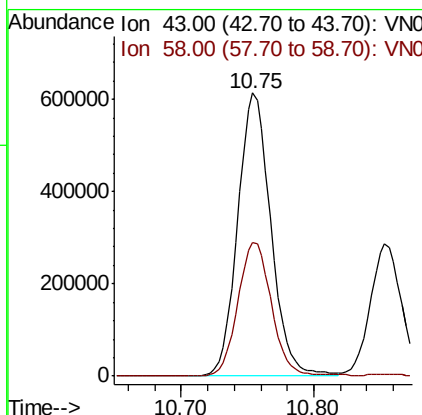
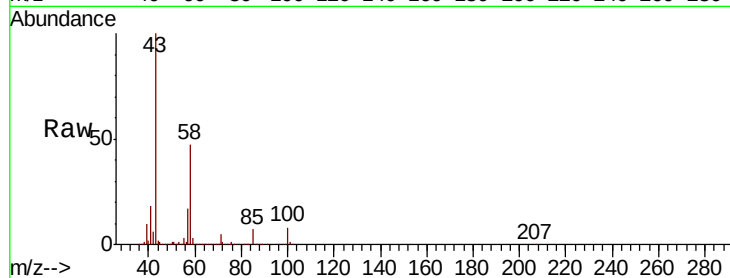




#59
2-Hexanone
Concen: 309.761 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

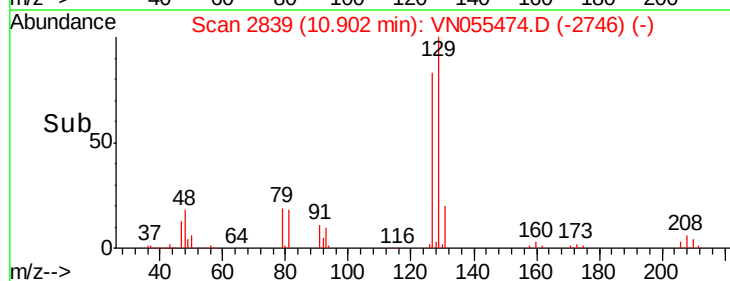
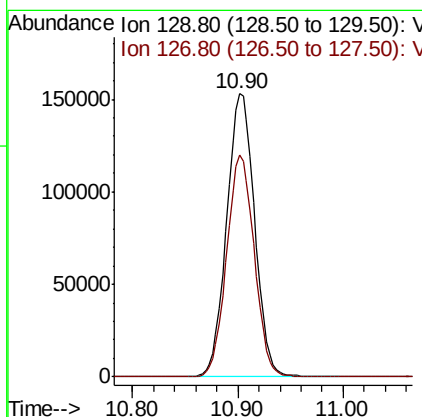
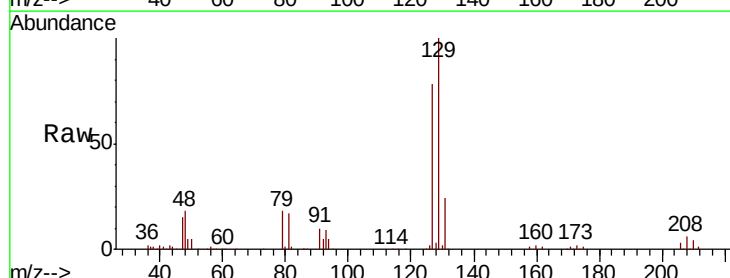
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

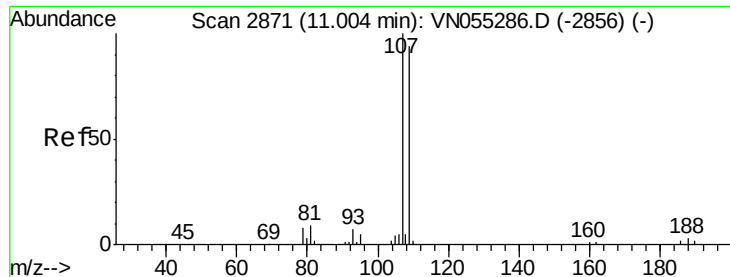
Tot Ion: 43 Resp: 1064144
Ion Ratio Lower Upper
43 100
58 48.1 24.9 74.6



#60
Dibromochloromethane
Concen: 55.127 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 129 Resp: 280197
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 55.119 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

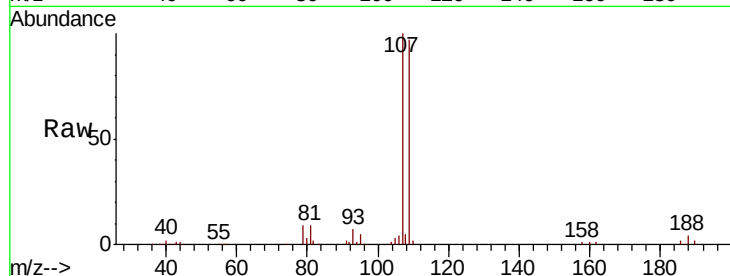
P026-SS002-1218-01MSD

Tot Ion: 107 Resp: 253363

Ion Ratio Lower Upper

107 100

109 95.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

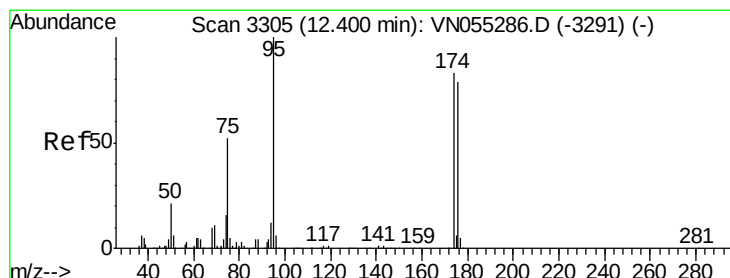
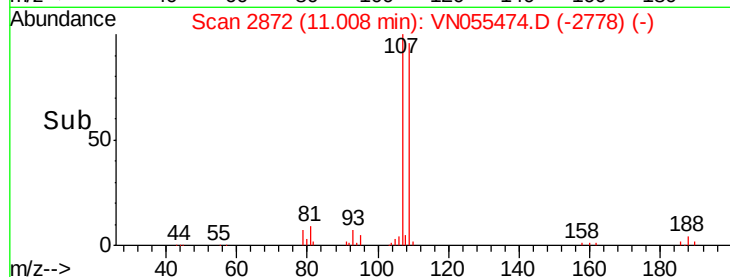
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.599 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

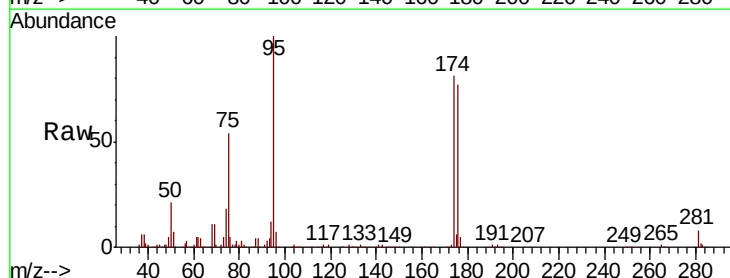
Tgt Ion: 95 Resp: 303693

Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.6

176 77.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

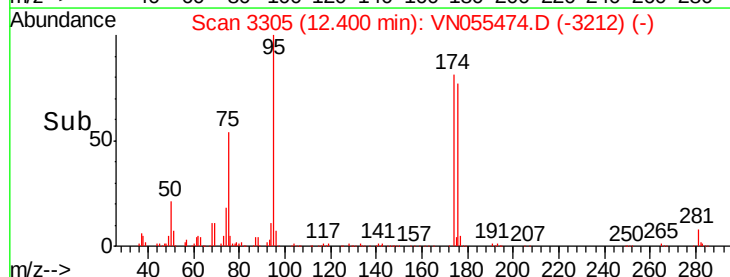
150000

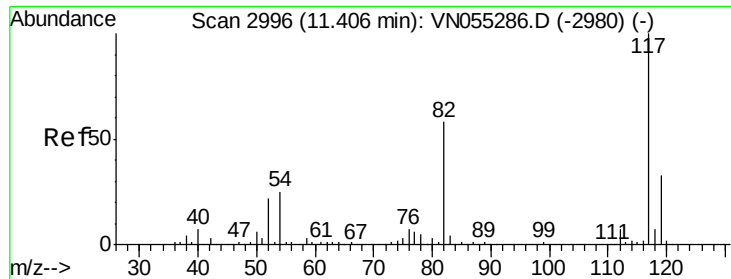
100000

50000

0

Time--> 12.35 12.40 12.45

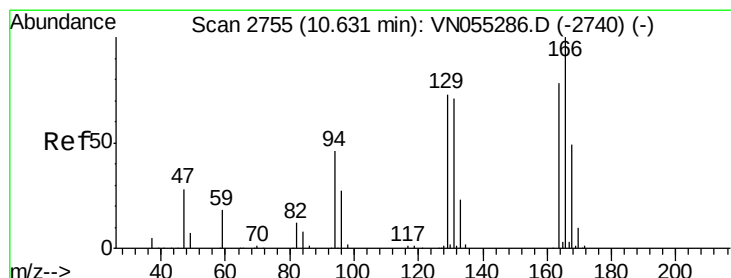
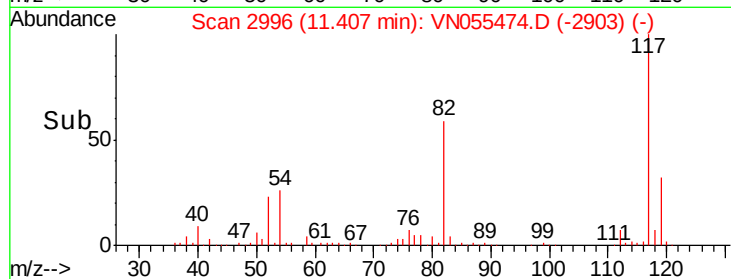
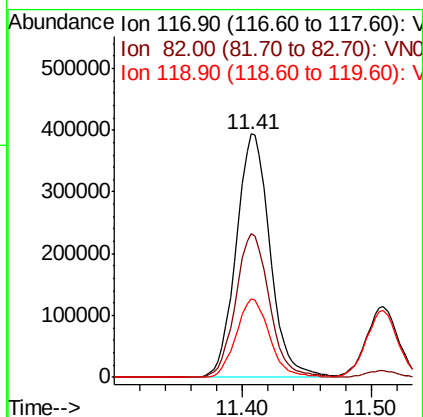
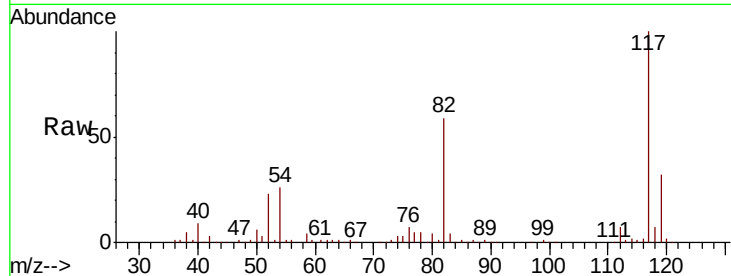




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

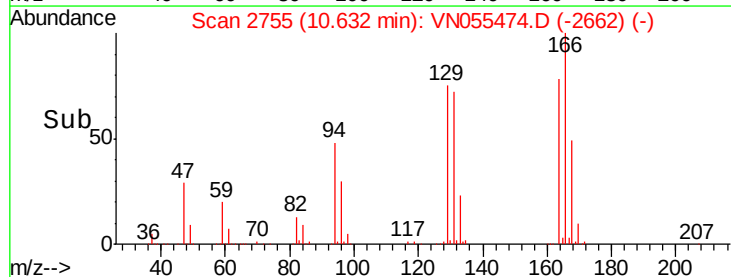
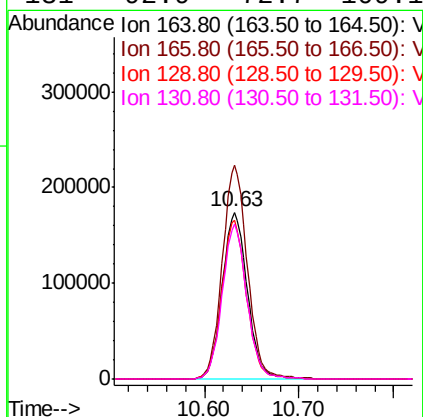
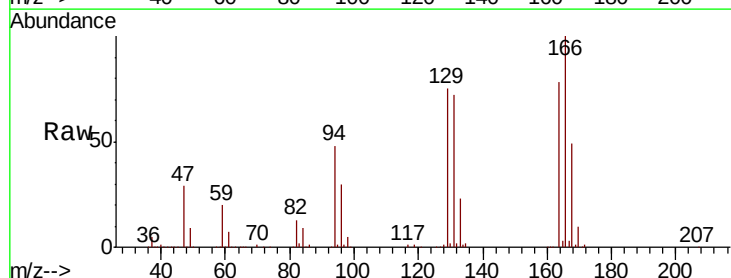
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

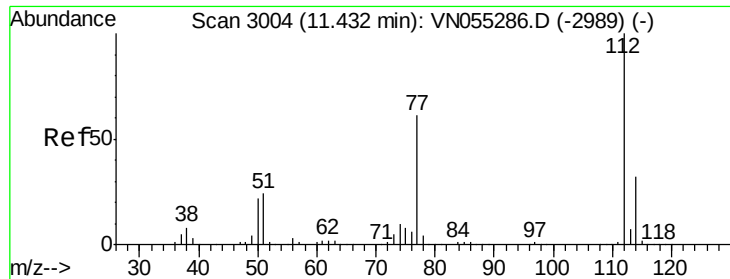
Tot Ion:117 Resp: 719306
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 54.781 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion:164 Resp: 322240
Ion Ratio Lower Upper
164 100
166 128.3 102.3 153.5
129 95.7 75.0 112.6
131 92.9 72.7 109.1

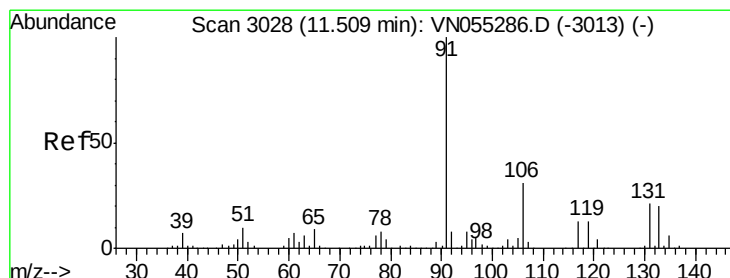
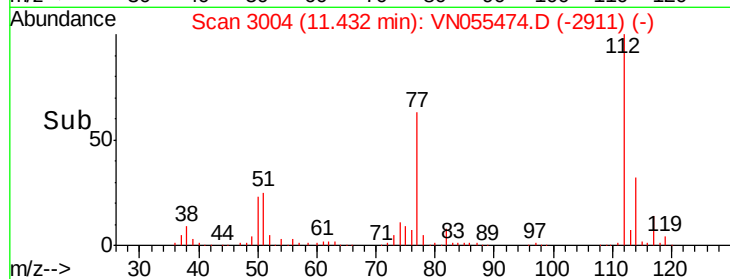
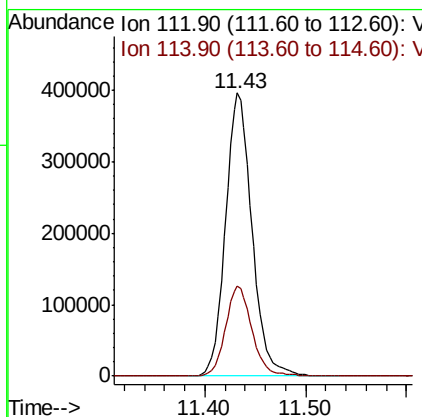
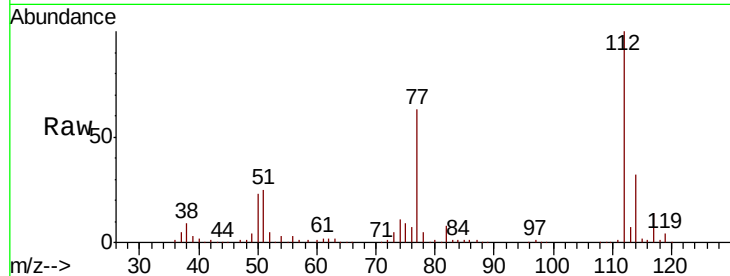




#65
Chlorobenzene
Concen: 51.460 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

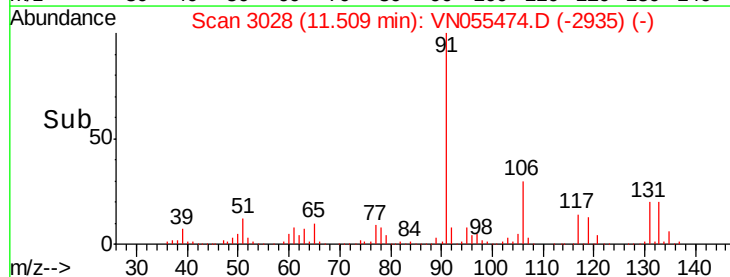
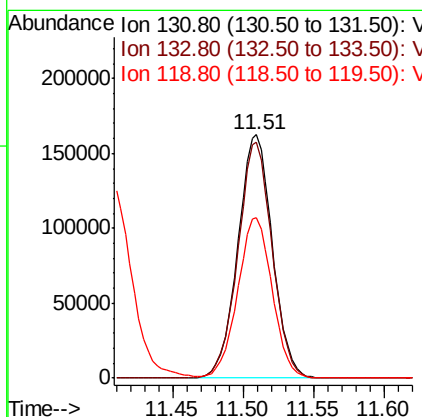
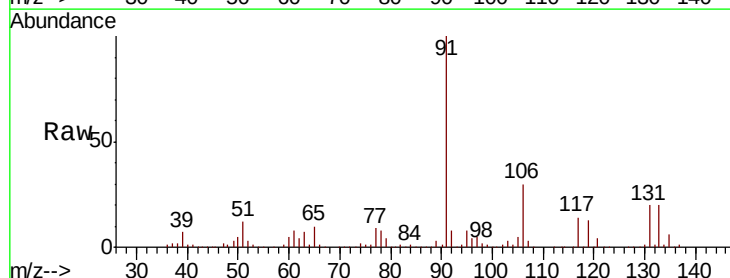
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

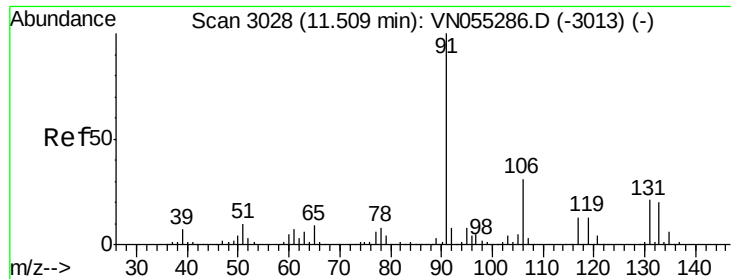
Tot Ion:112 Resp: 723705
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.524 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion:131 Resp: 278224
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 66.2 32.7 98.1

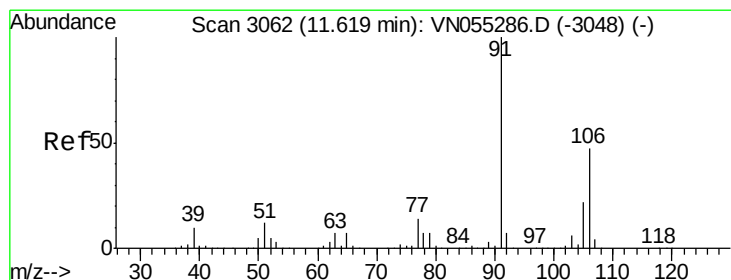
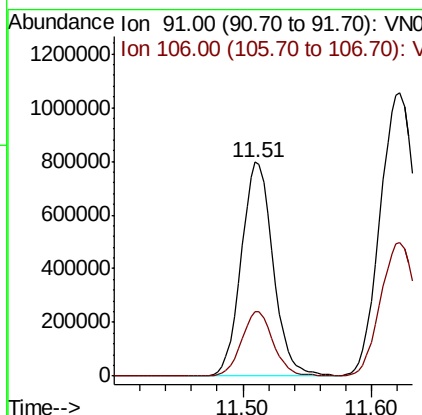
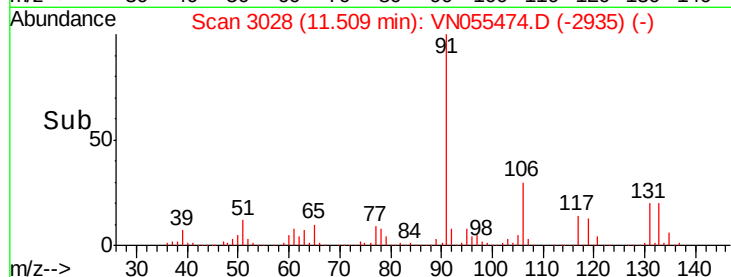
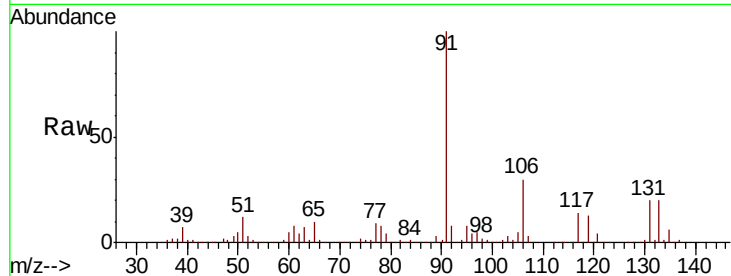




#67
Ethyl Benzene
Concen: 54.073 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

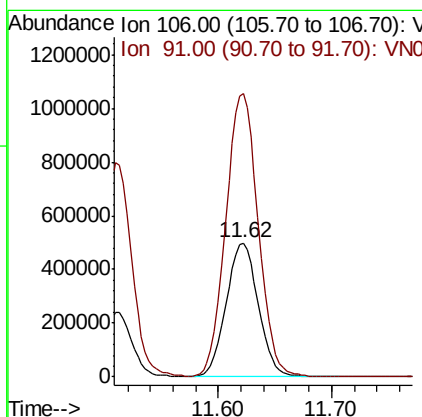
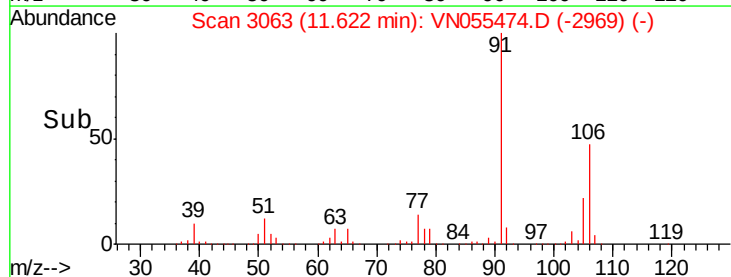
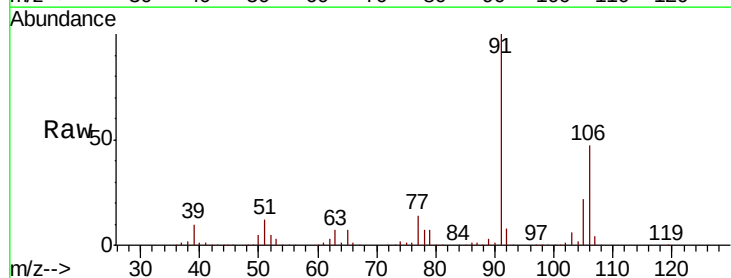
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

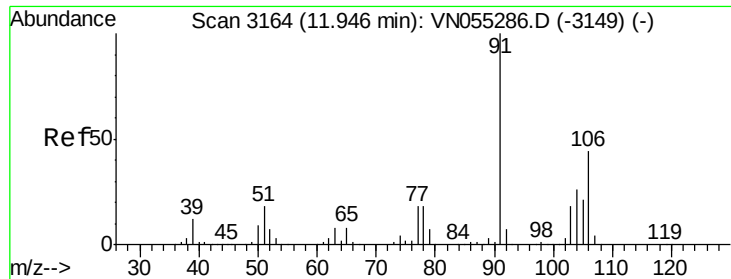
Tot Ion: 91 Resp: 1373212
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 108.557 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion: 106 Resp: 984053
Ion Ratio Lower Upper
106 100
91 213.5 169.5 254.3

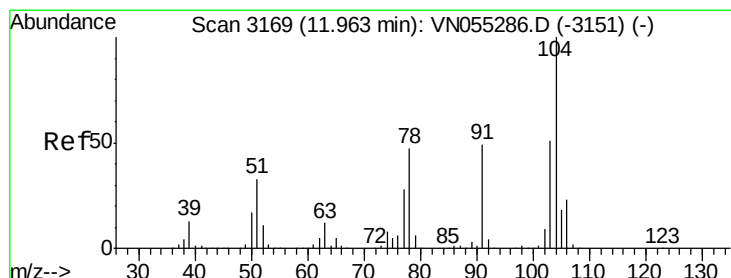
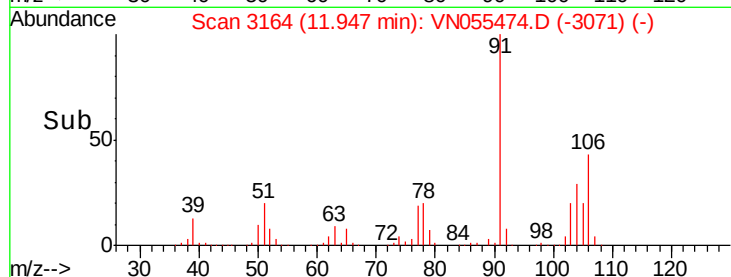
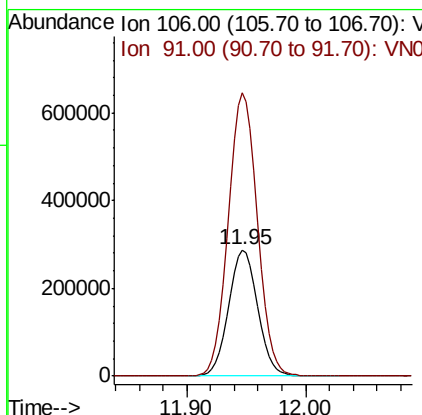
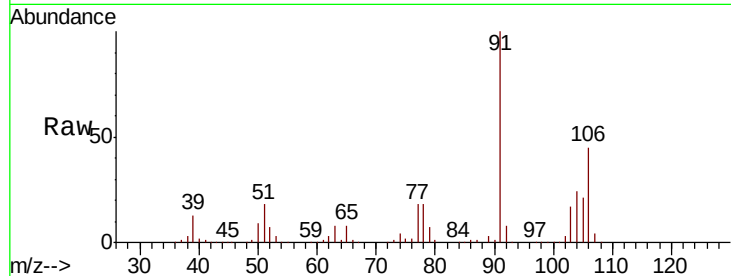




#69
o-Xylene
Concen: 54.060 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

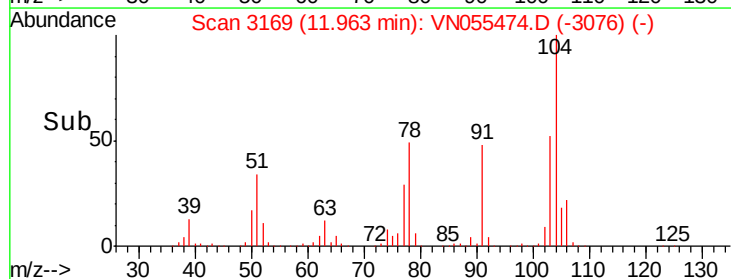
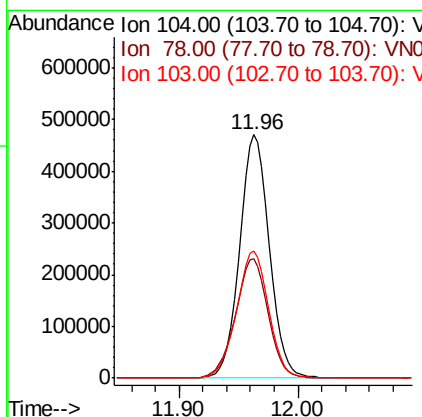
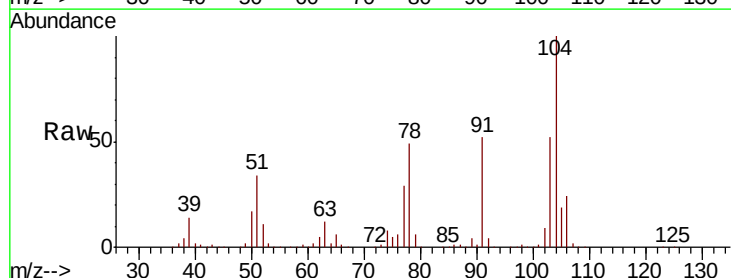
Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

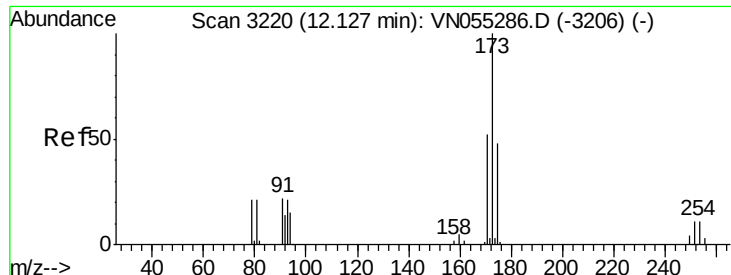
Tot Ion:106 Resp: 485718
Ion Ratio Lower Upper
106 100
91 225.0 111.5 334.5



#70
Styrene
Concen: 58.921 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion:104 Resp: 812830
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.2
103 56.4 44.6 67.0

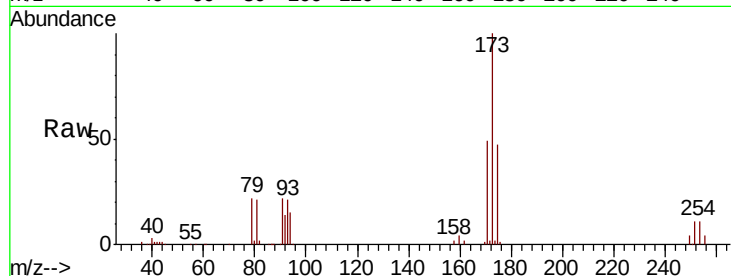




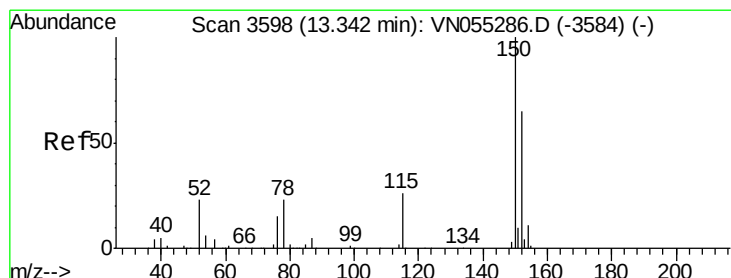
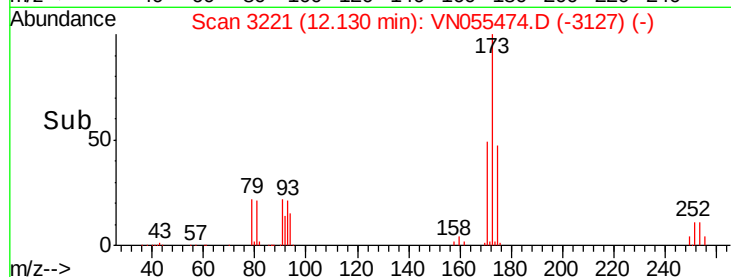
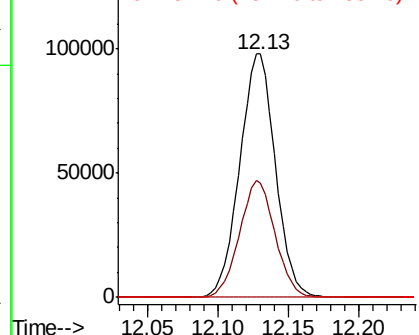
#71
Bromoform
Concen: 56.787 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

Tot Ion:173 Resp: 173522
Ion Ratio Lower Upper
173 100
175 47.7 23.6 71.0
254 0.0 0.0 0.0#

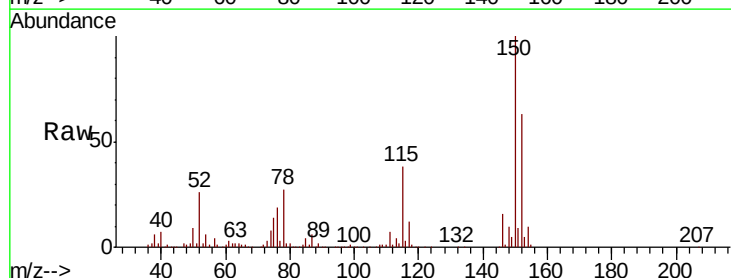


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

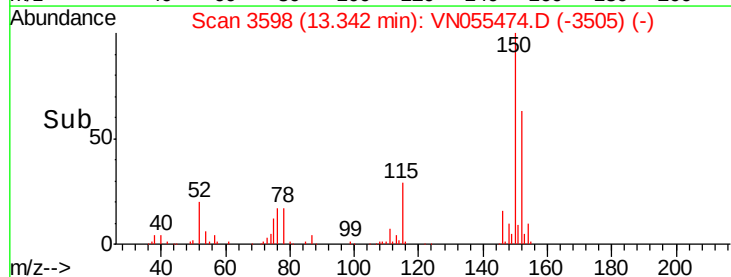
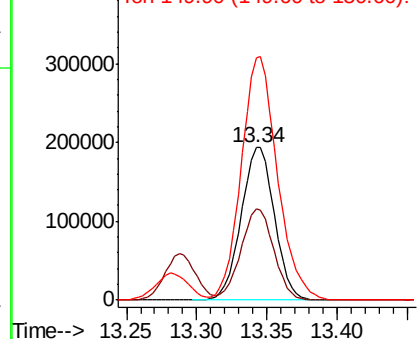


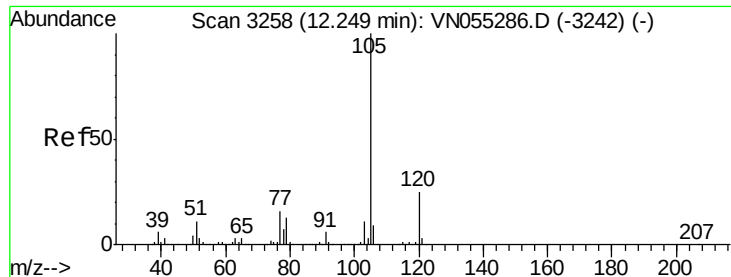
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion:152 Resp: 320336
Ion Ratio Lower Upper
152 100
115 59.3 29.0 87.0
150 173.2 0.0 345.6



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: 53.198 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

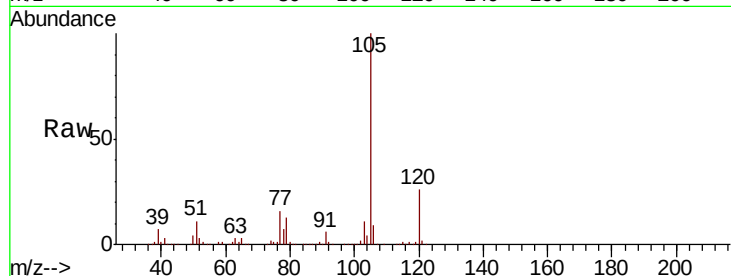
P026-SS002-1218-01MSD

Tot Ion:105 Resp: 1350809

Ion Ratio Lower Upper

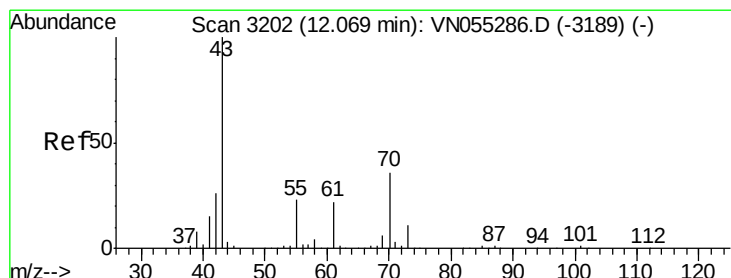
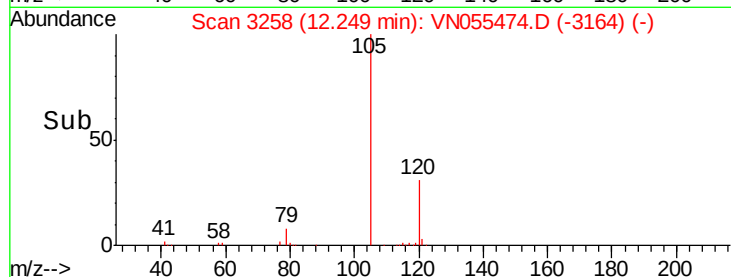
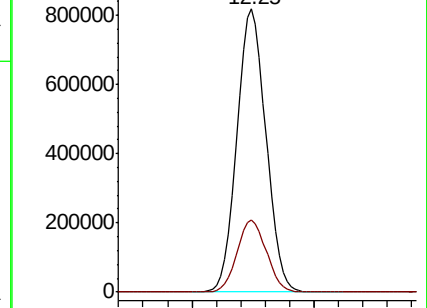
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.183 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Tgt Ion: 43 Resp: 494771

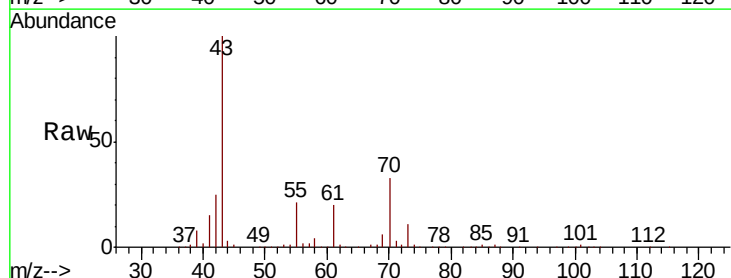
Ion Ratio Lower Upper

43 100

70 33.7 27.9 41.9

55 22.3 18.2 27.2

61 20.9 16.9 25.3

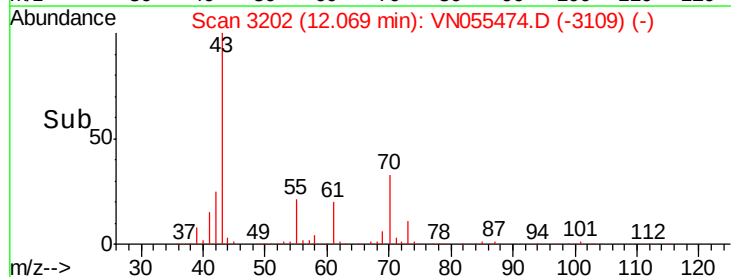
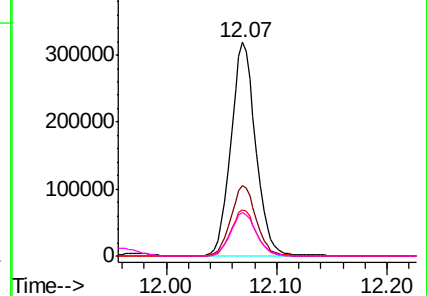


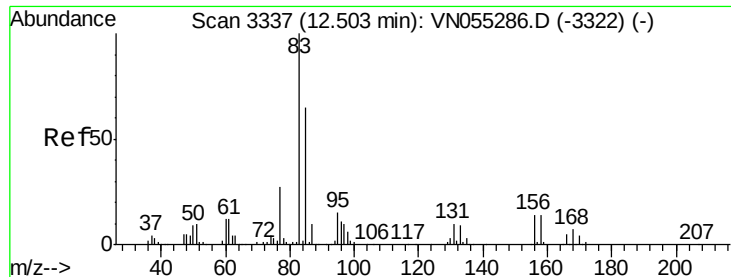
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.099 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

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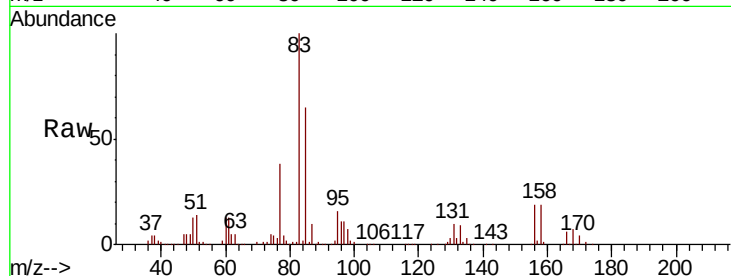
Tot Ion: 83 Resp: 335766

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

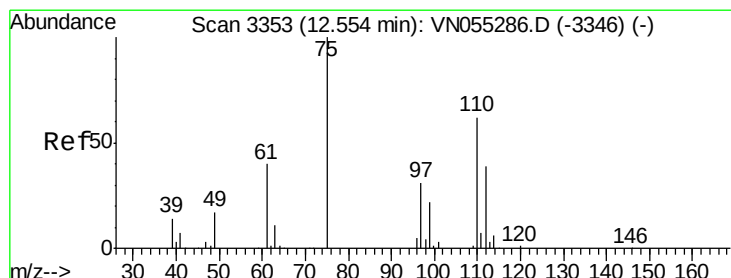
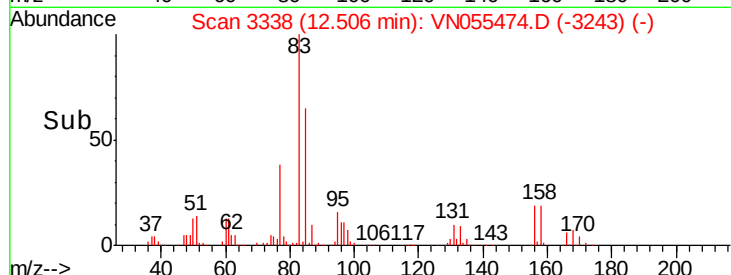
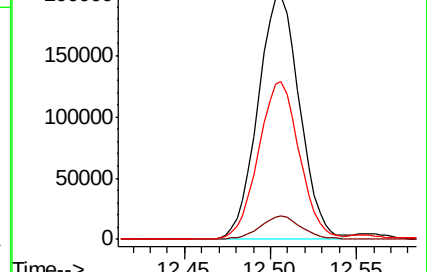
85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 67.749 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055474.D

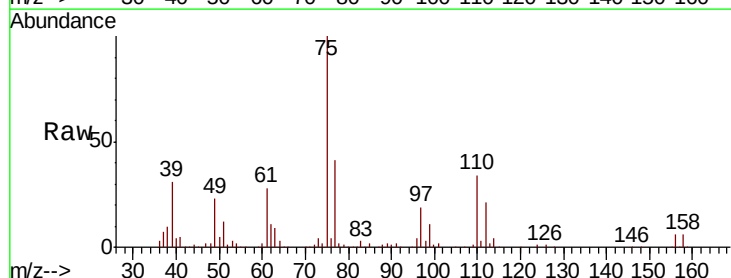
Acq: 8 May 2019 7:26

Tgt Ion: 75 Resp: 398074

Ion Ratio Lower Upper

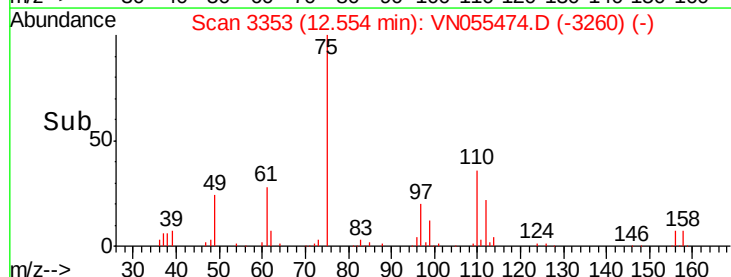
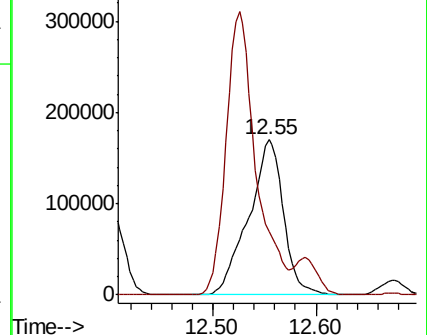
75 100

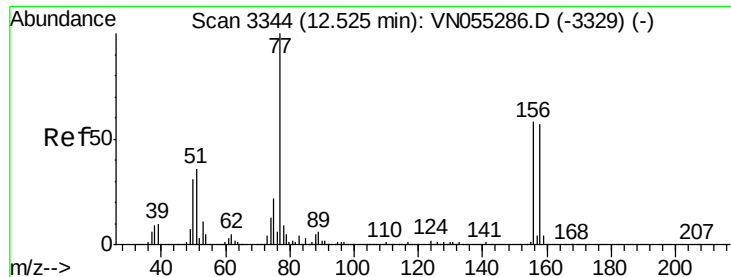
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN055286.D (-3346) (-)





#77

Bromobenzene

Concen: 51.252 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

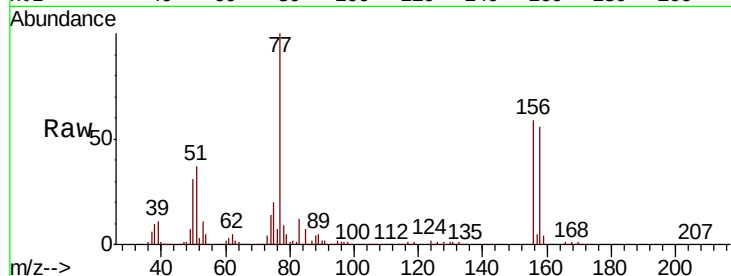
Tot Ion:156 Resp: 312850

Ion Ratio Lower Upper

156 100

77 201.0 99.6 298.8

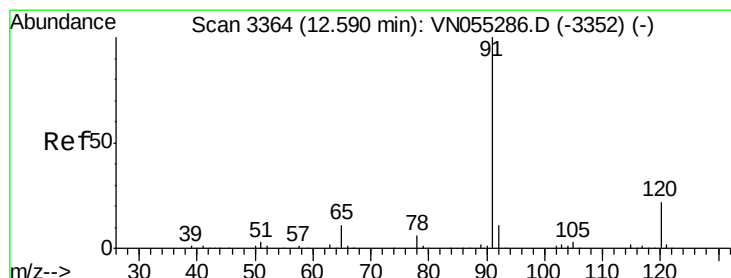
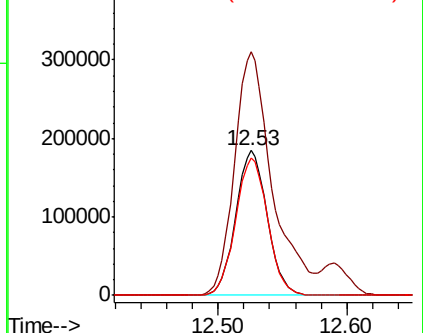
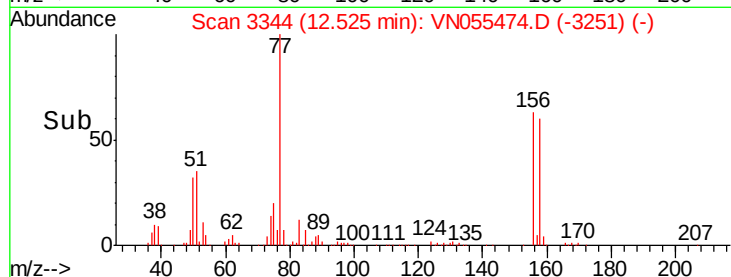
158 96.4 49.3 147.8



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: 47.063 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055474.D

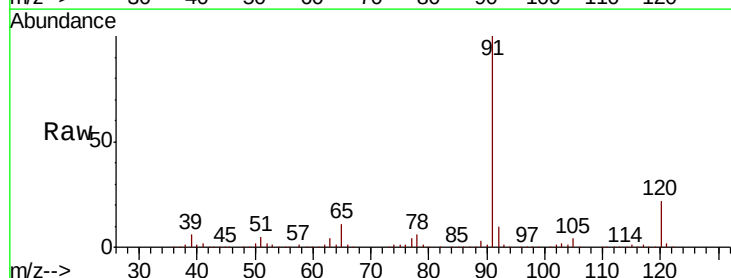
Acq: 8 May 2019 7:26

Tgt Ion: 91 Resp: 1548613

Ion Ratio Lower Upper

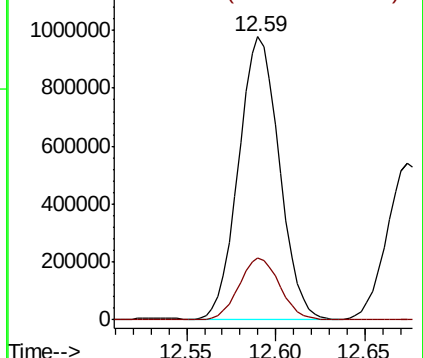
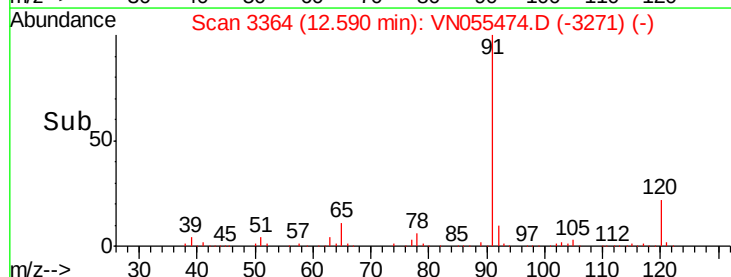
91 100

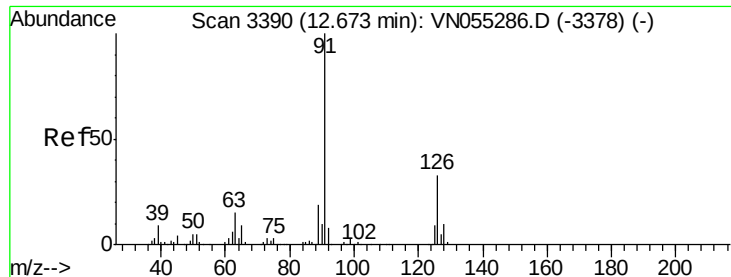
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.375 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

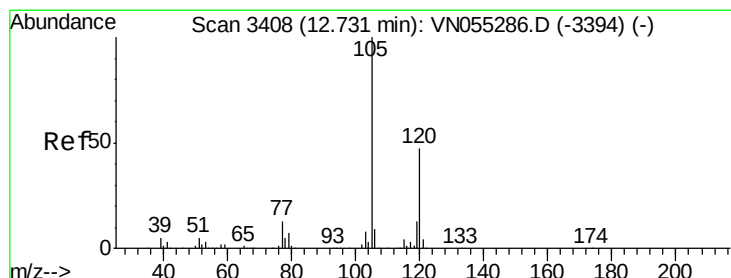
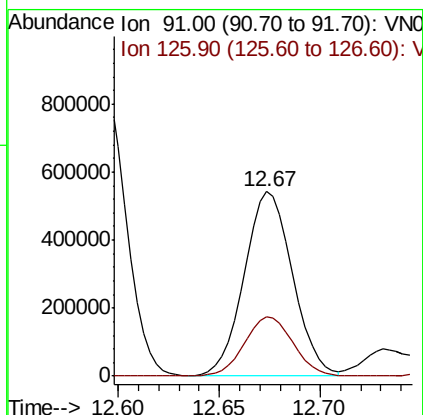
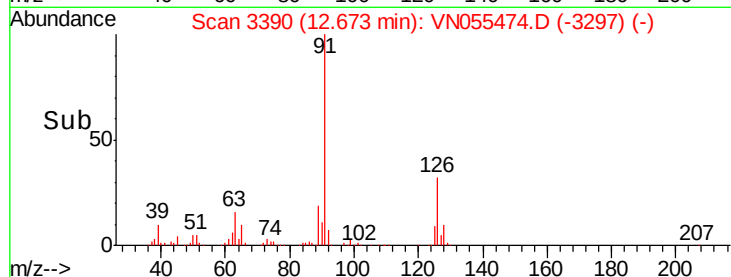
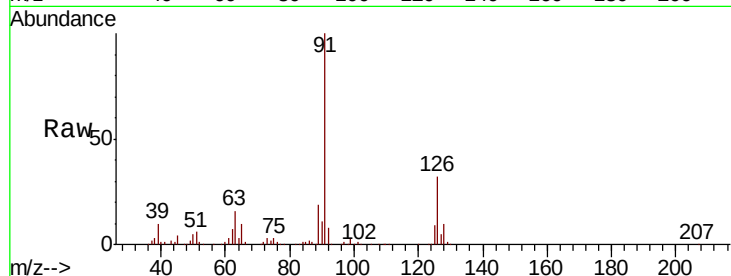
P026-SS002-1218-01MSD

Tot Ion: 91 Resp: 907071

Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 45.734 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055474.D

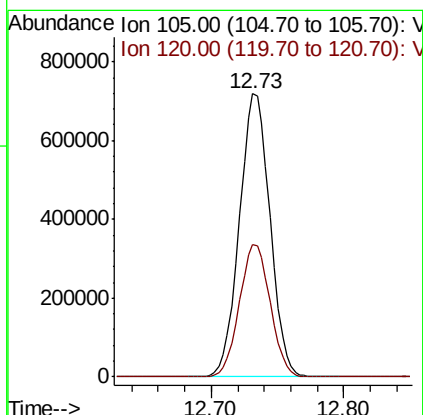
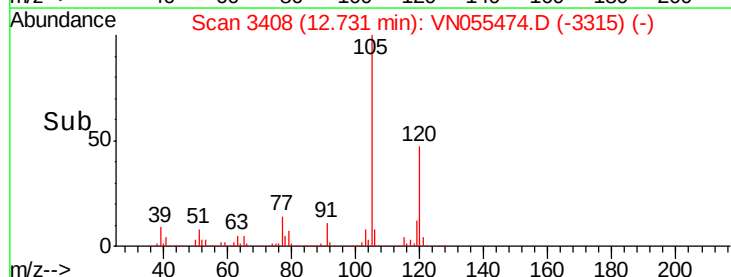
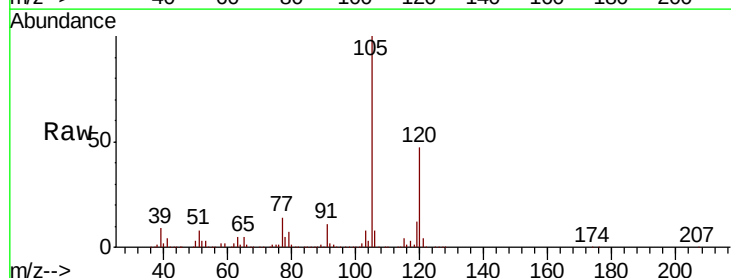
Acq: 8 May 2019 7:26

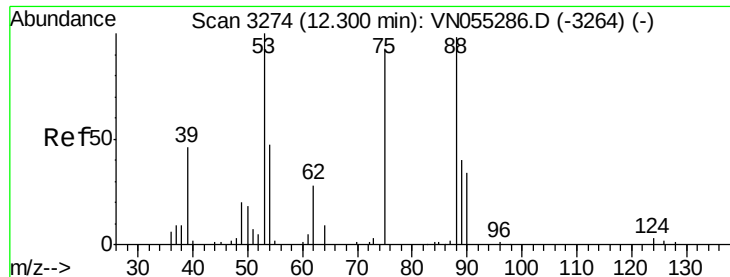
Tgt Ion: 105 Resp: 1148542

Ion Ratio Lower Upper

105 100

120 47.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 39.932 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

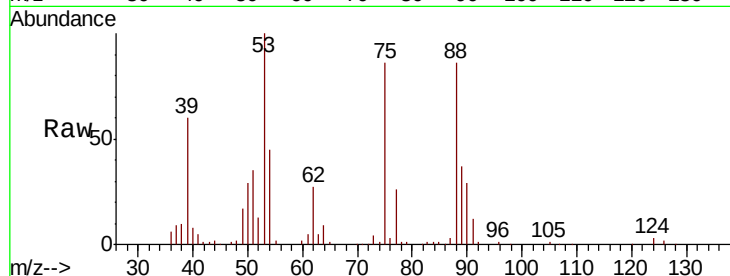
Tot Ion: 75 Resp: 67499

Ion Ratio Lower Upper

75 100

53 116.2 86.3 129.5

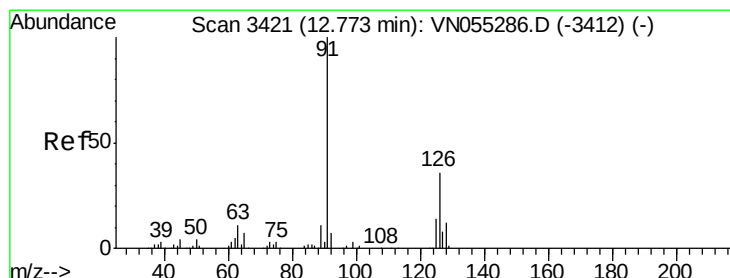
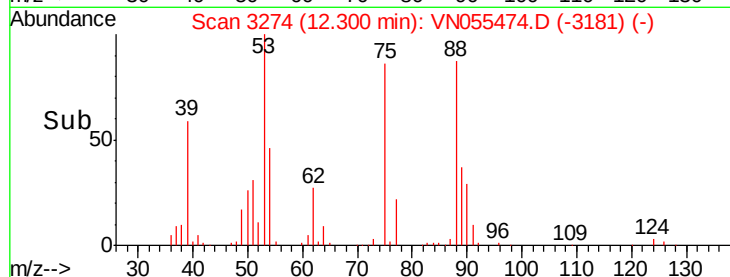
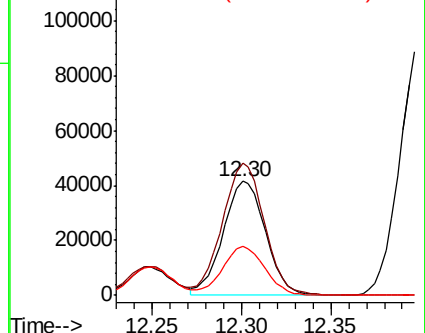
89 43.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.297 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055474.D

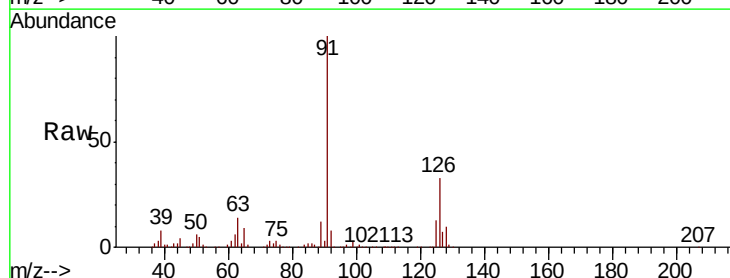
Acq: 8 May 2019 7:26

Tgt Ion: 91 Resp: 904903

Ion Ratio Lower Upper

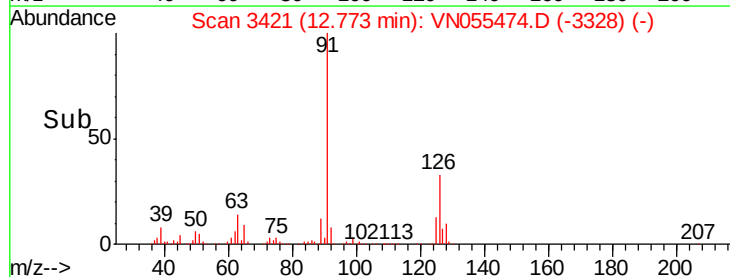
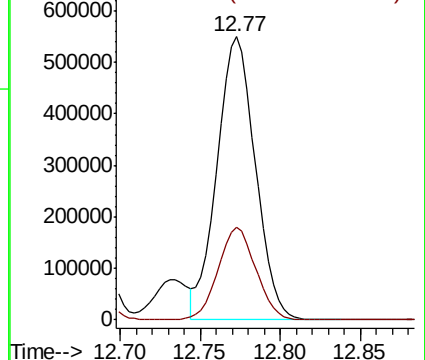
91 100

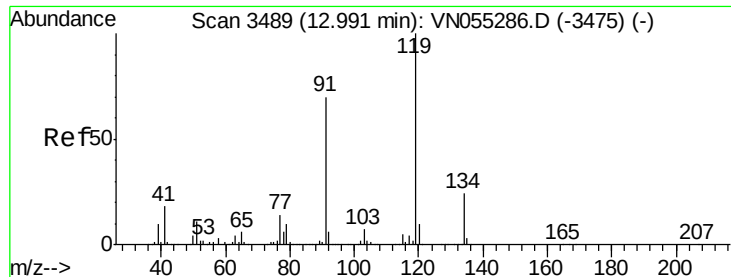
126 32.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

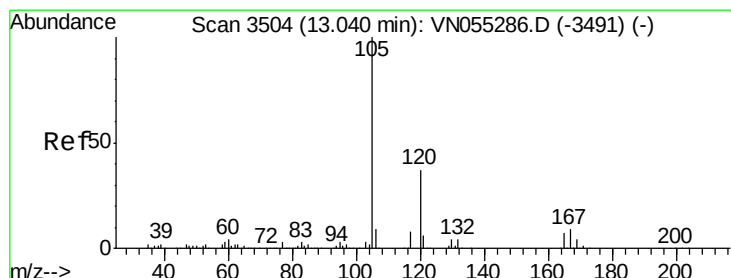
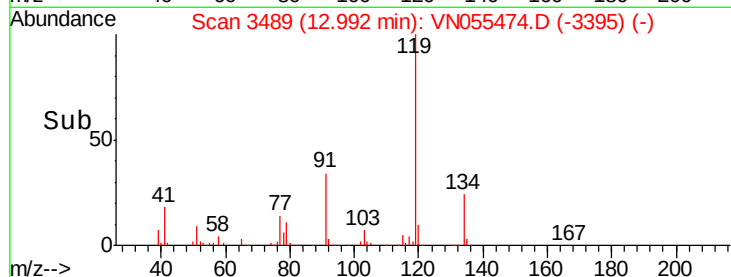
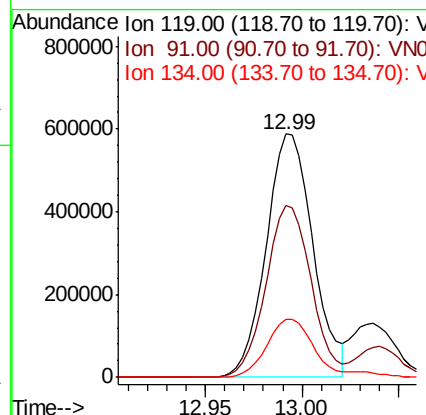
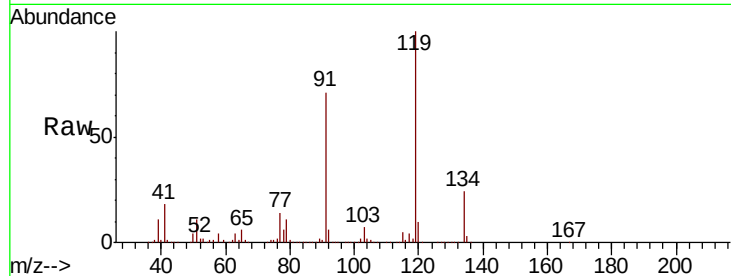




#83
 tert-Butylbenzene
 Concen: 55.976 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

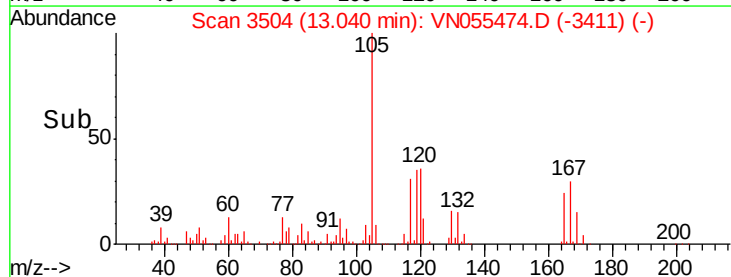
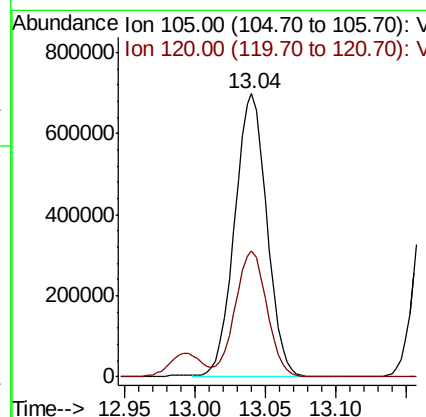
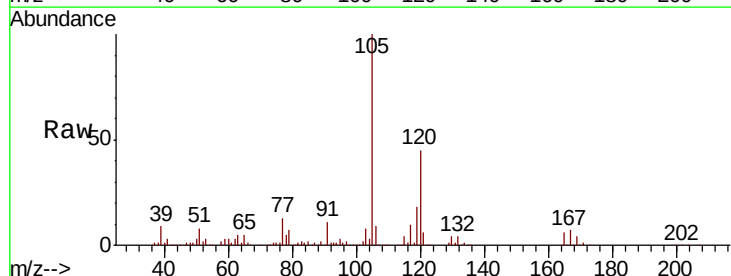
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

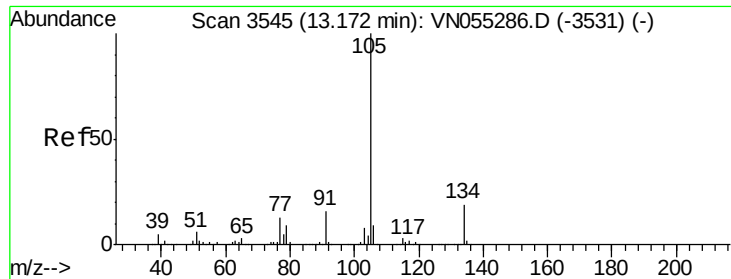
Tot Ion:119 Resp: 988829
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.3 102.9
 134 25.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.661 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion:105 Resp: 1115395
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 48.623 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

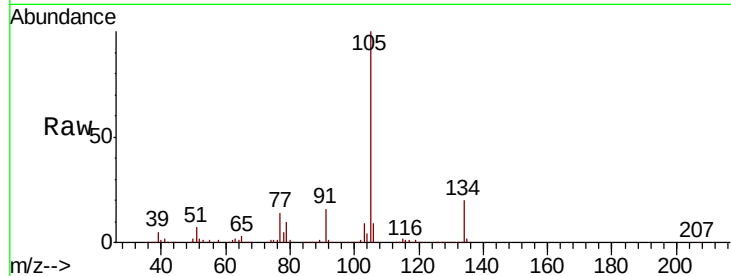
P026-SS002-1218-01MSD

Tot Ion:105 Resp: 1327193

Ion Ratio Lower Upper

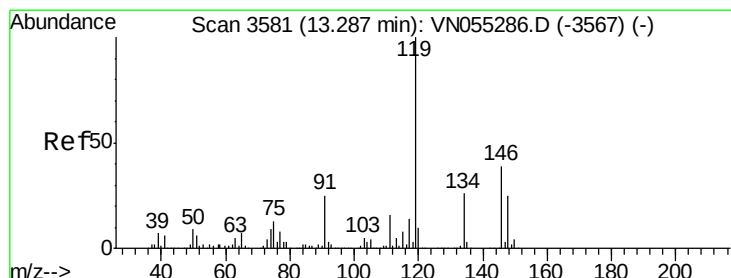
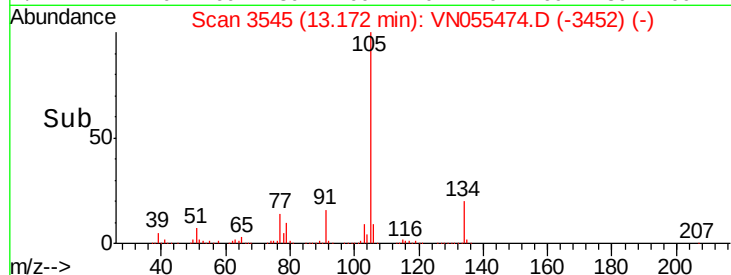
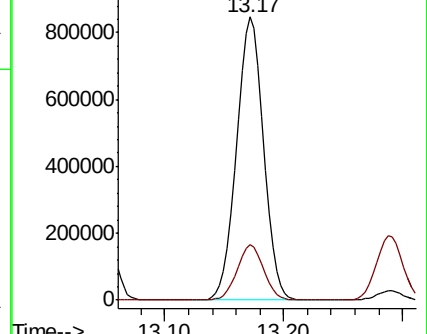
105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.670 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

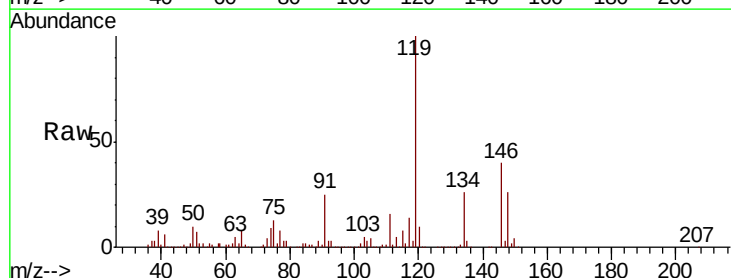
Tgt Ion:119 Resp: 1159202

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

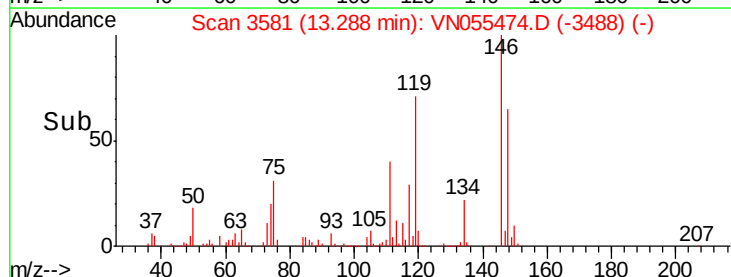
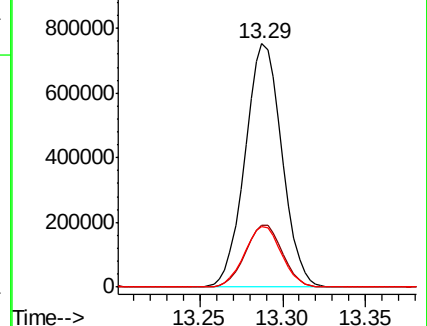
91 25.0 12.2 36.6

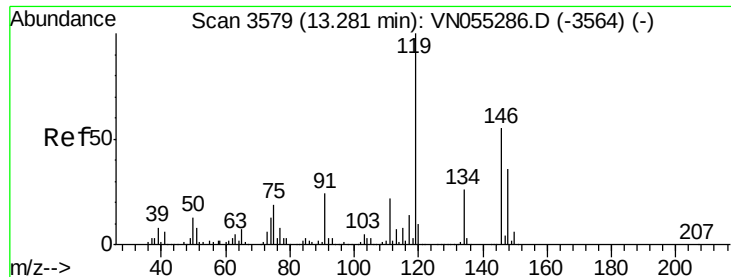


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

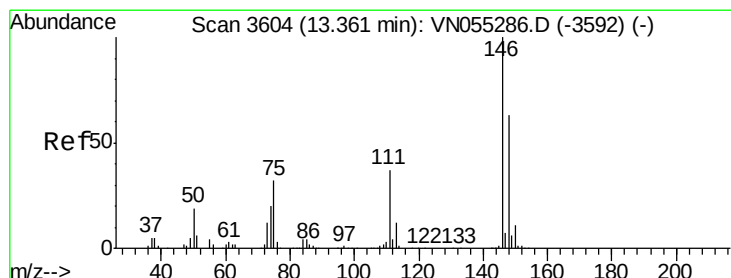
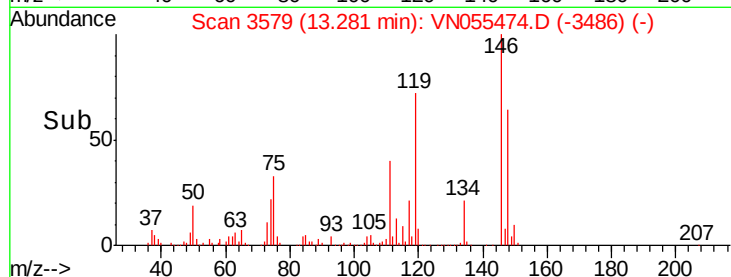
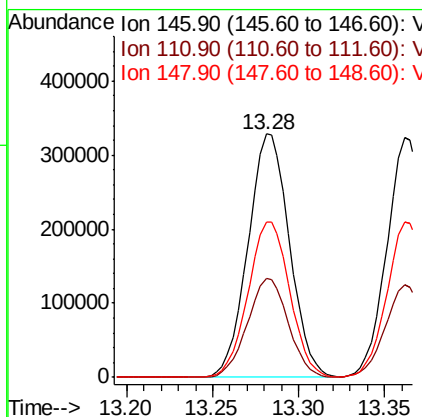
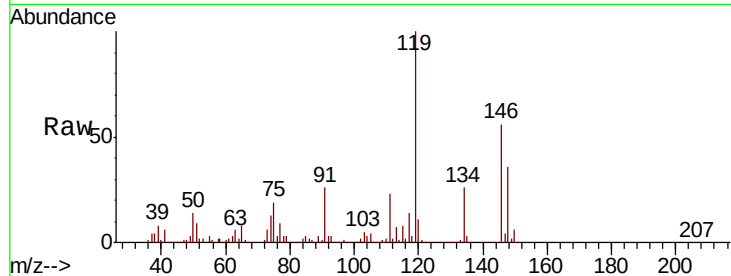




#87
 1,3-Dichlorobenzene
 Concen: 51.181 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

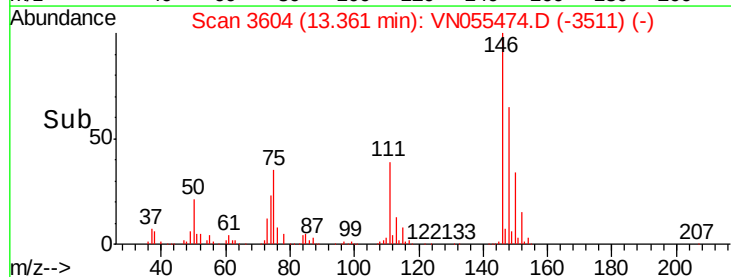
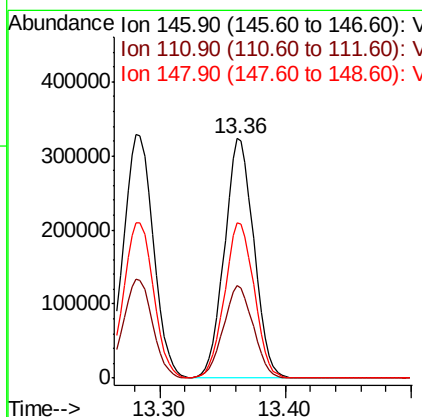
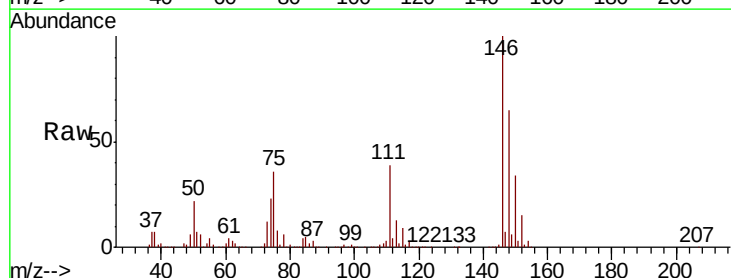
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

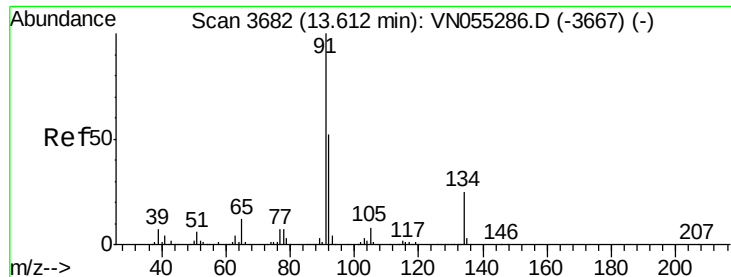
Tot Ion:146 Resp: 548625
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.8
 148 64.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 52.386 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion:146 Resp: 528814
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 65.3 32.5 97.4





#89

n-Butylbenzene

Concen: 62.052 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055474.D

Acq: 8 May 2019 7:26

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1218-01MSD

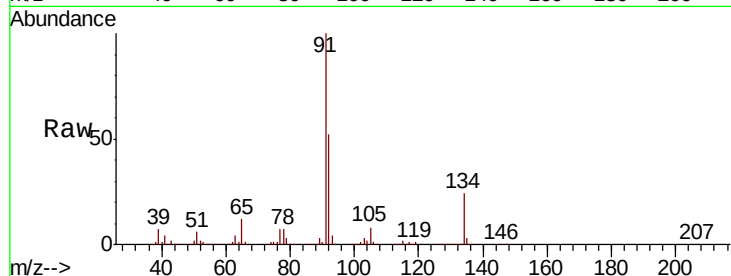
Tot Ion: 91 Resp: 989221

Ion Ratio Lower Upper

91 100

92 51.9 26.1 78.3

134 24.7 12.4 37.4

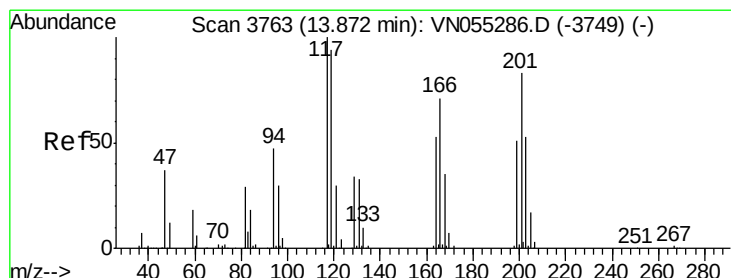
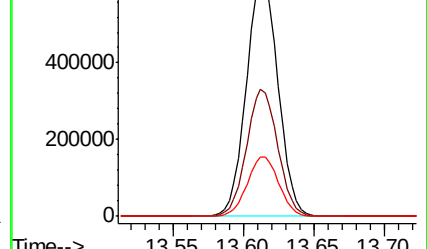
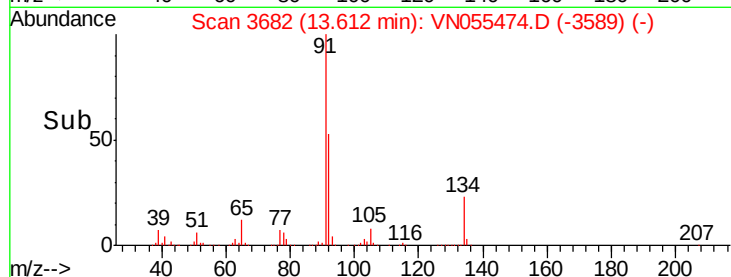


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 50.444 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055474.D

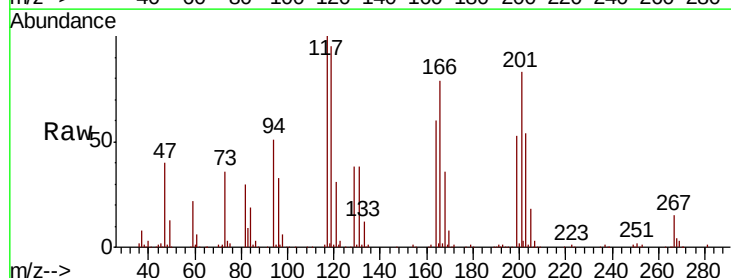
Acq: 8 May 2019 7:26

Tgt Ion: 117 Resp: 179141

Ion Ratio Lower Upper

117 100

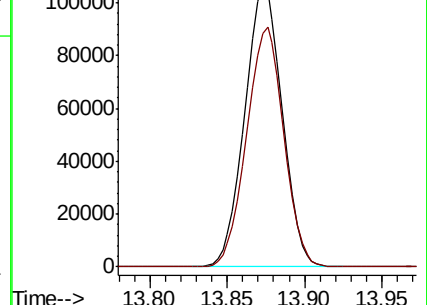
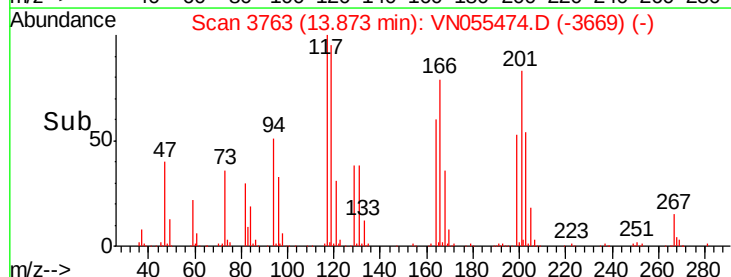
201 84.9 41.9 125.8

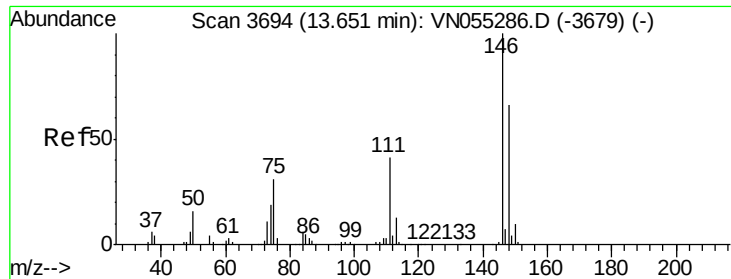


Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

Time-->

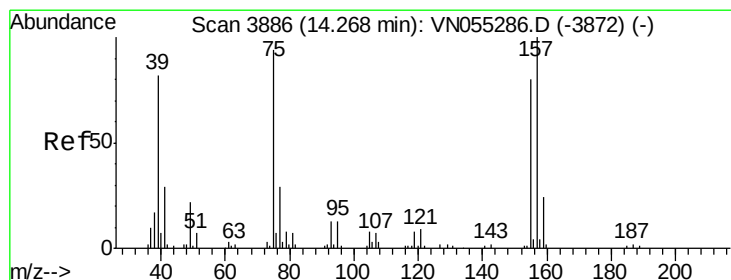
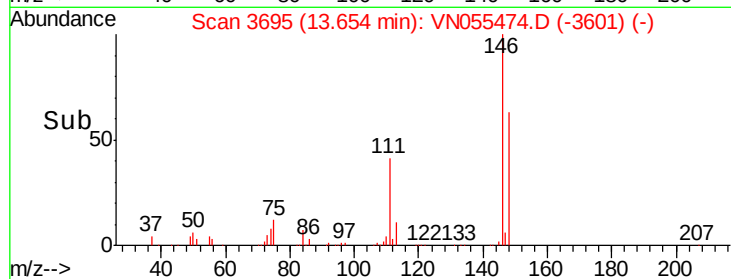
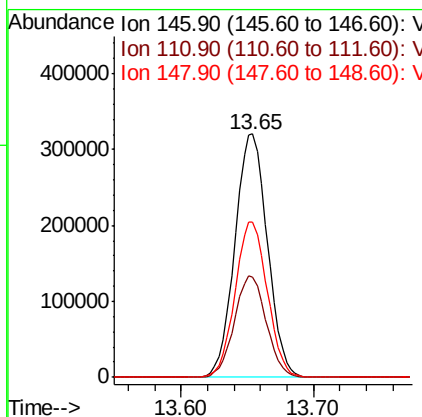
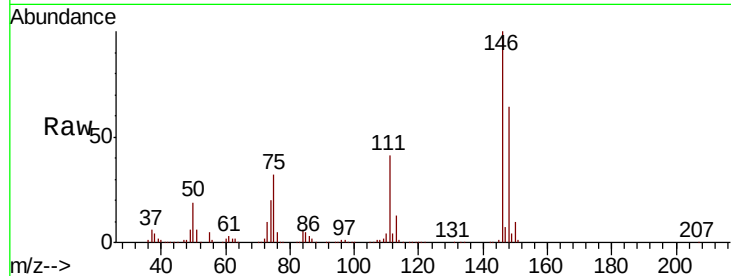




#91
 1,2-Dichlorobenzene
 Concen: 51.267 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

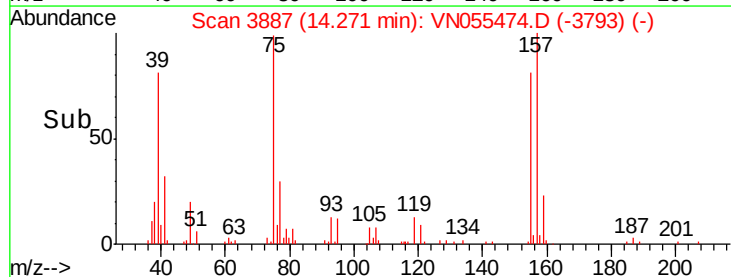
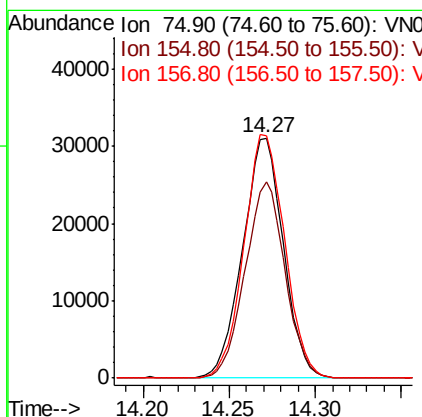
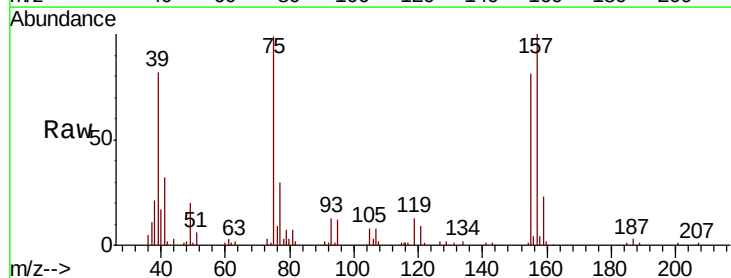
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

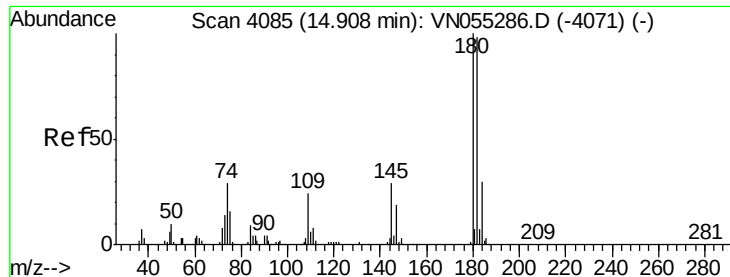
Tot Ion:146 Resp: 544671
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 63.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.574 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion: 75 Resp: 51049
 Ion Ratio Lower Upper
 75 100
 155 79.9 41.5 124.6
 157 101.0 54.0 162.2

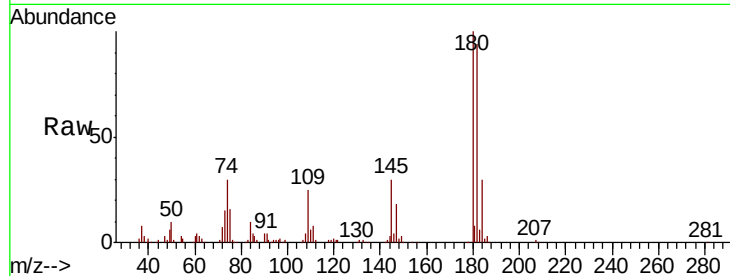




#93
 1,2,4-Trichlorobenzene
 Concen: 54.764 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	29.9	14.2	42.6

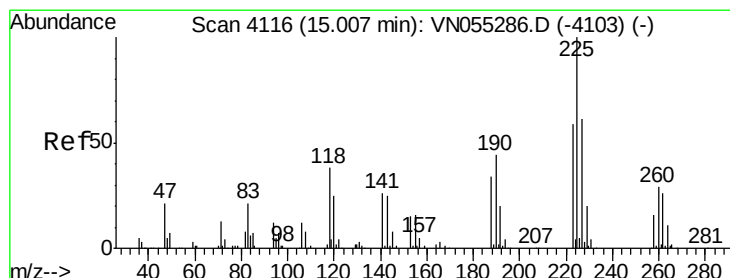
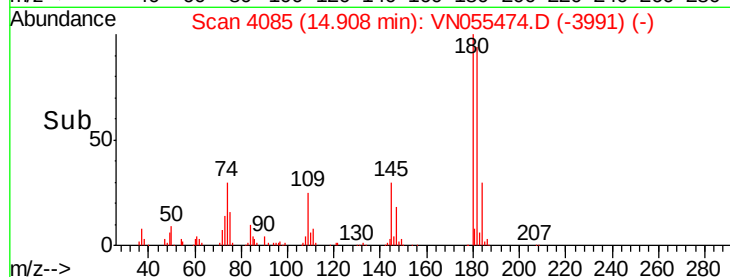
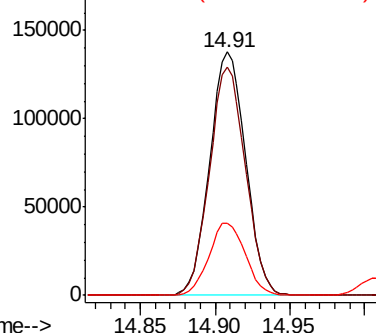


Abundance

Ion 179.80 (179.50 to 180.50): V

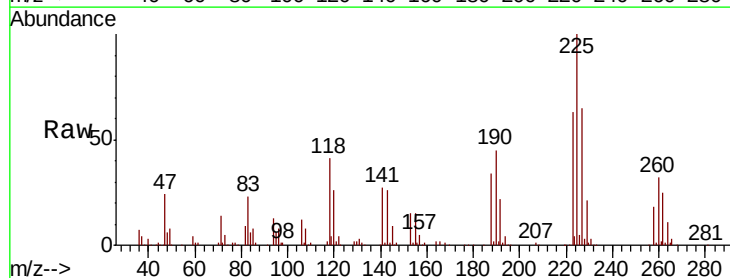
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 60.789 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055474.D
 Acq: 8 May 2019 7:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.3	90.8
227	64.1	30.9	92.7

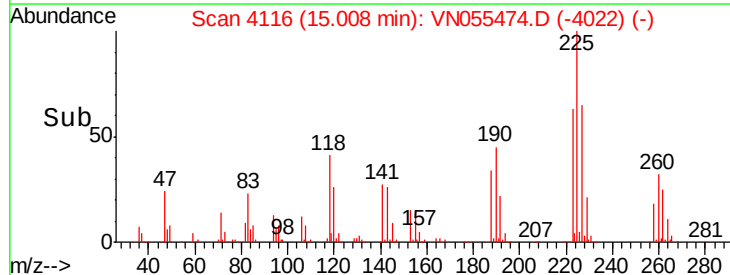
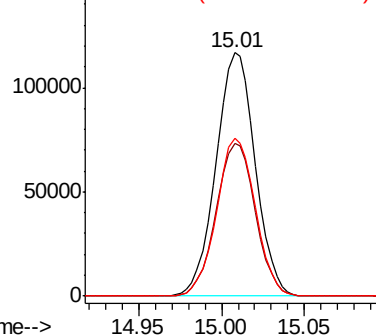


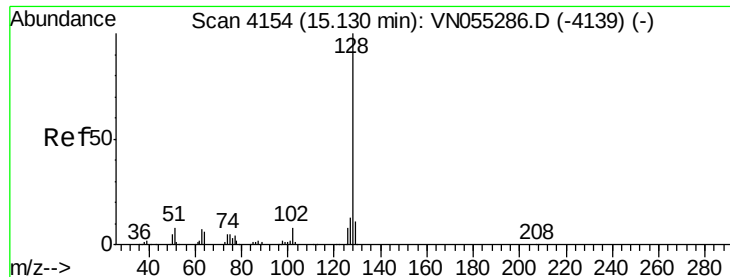
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

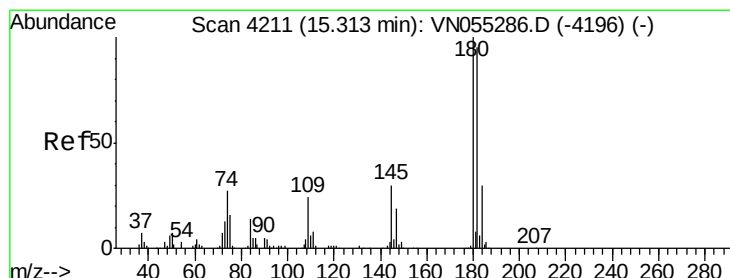
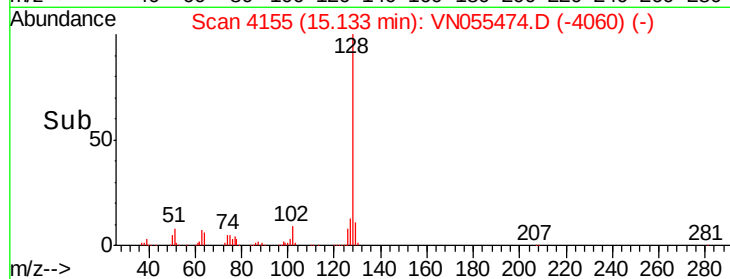
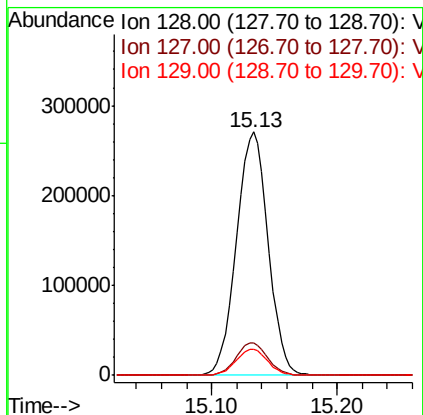
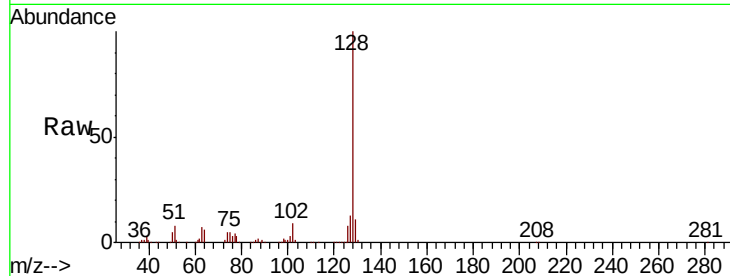




#95
Naphthalene
Concen: 53.109 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Instrument :
MSVOA_N
ClientSampleId :
P026-SS002-1218-01MSD

Tot Ion:128 Resp: 474858
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.775 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055474.D
Acq: 8 May 2019 7:26

Tgt Ion:180 Resp: 227019
Ion Ratio Lower Upper
180 100
182 93.7 48.3 144.9
145 32.2 15.2 45.6

