

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057973.D
 Acq On : 12 Sep 2019 16:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 04:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	390962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	626379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	407183	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.57	113	292676	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.08	98	1200235	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.41	95	437722	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	257645	47.652	ug/l	100
3) Chloromethane	2.03	50	213914	38.818	ug/l	98
4) Vinyl Chloride	2.16	62	238432	40.881	ug/l	98
5) Bromomethane	2.51	94	135353	41.988	ug/l	98
6) Chloroethane	2.66	64	152686	41.083	ug/l	99
7) Trichlorofluoromethane	2.98	101	290373	39.562	ug/l	96
8) Diethyl Ether	3.38	74	134737	44.013	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	209463	45.239	ug/l	100
10) Methyl Iodide	3.92	142	210076	40.772	ug/l	100
11) Tert butyl alcohol	4.77	59	220109	229.661	ug/l	100
12) 1,1-Dichloroethene	3.71	96	175576	42.175	ug/l	95
13) Acrolein	3.58	56	132007	162.349	ug/l	99
14) Allyl chloride	4.29	41	356060	43.704	ug/l	99
15) Acrylonitrile	4.96	53	634778	240.969	ug/l	99
16) Acetone	3.79	43	651581	251.007	ug/l	97
17) Carbon Disulfide	4.02	76	258216	39.884	ug/l	100
18) Methyl Acetate	4.30	43	342503	49.485	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	821644	47.425	ug/l	98
20) Methylene Chloride	4.52	84	240991	48.735	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	192161	42.700	ug/l	98
22) Diisopropyl ether	5.93	45	922755	48.297	ug/l	99
23) Vinyl Acetate	5.87	43	3410363	251.868	ug/l	100
24) 1,1-Dichloroethane	5.82	63	475745	45.562	ug/l	100
25) 2-Butanone	6.82	43	934823	248.812	ug/l	98
26) 2,2-Dichloropropane	6.80	77	394077	47.689	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	270273	44.814	ug/l	97
28) Bromochloromethane	7.18	49	254513	48.789	ug/l	99
29) Tetrahydrofuran	7.19	42	562043	242.766	ug/l	99
30) Chloroform	7.35	83	503152	46.085	ug/l	98
31) Cyclohexane	7.63	56	338126	47.402	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	399852	46.178	ug/l	99
36) 1,1-Dichloropropene	7.77	75	317878	43.759	ug/l	99
37) Ethyl Acetate	6.91	43	359185	47.857	ug/l	100
38) Carbon Tetrachloride	7.76	117	317355	47.850	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	337268	44.165	ug/l	98
40) Benzene	8.02	78	1021477	46.706	ug/l	99
41) Methacrylonitrile	7.16	41	178075	52.268	ug/l	93
42) 1,2-Dichloroethane	8.11	62	418978	47.901	ug/l	99
43) Isopropyl Acetate	8.15	43	623368	49.389	ug/l #	91
44) Trichloroethene	8.82	130	244589	45.597	ug/l	99
45) 1,2-Dichloropropane	9.11	63	302213	47.488	ug/l	98
46) Dibromomethane	9.20	93	184087	47.869	ug/l	100
47) Bromodichloromethane	9.40	83	390445	50.844	ug/l	98
48) Methyl methacrylate	9.19	41	313546	48.972	ug/l	98
49) 1,4-Dioxane	9.19	88	99612	920.012	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1976769	264.659	ug/l	99
52) Toluene	10.15	92	644413	46.782	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	412181	50.970	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	450066	50.409	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	285331	48.901	ug/l	99
56) Ethyl methacrylate	10.43	69	444196	50.553	ug/l	99
57) 1,3-Dichloropropane	10.71	76	487861	48.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	837736	202.427	ug/l	100
59) 2-Hexanone	10.75	43	1505411	268.901	ug/l	99
60) Dibromochloromethane	10.90	129	279968	51.672	ug/l	100
61) 1,2-Dibromoethane	11.00	107	275188	49.886	ug/l	100
64) Tetrachloroethene	10.63	164	196798	44.426	ug/l	99
65) Chlorobenzene	11.44	112	737110	46.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	264861	48.613	ug/l	97
67) Ethyl Benzene	11.51	91	1342538	48.789	ug/l	100
68) m/p-Xylenes	11.62	106	986461	97.867	ug/l	99
69) o-Xylene	11.95	106	487924	48.692	ug/l	99
70) Styrene	11.97	104	870347	50.468	ug/l	100
71) Bromoform	12.13	173	178650	52.593	ug/l	99
73) Isopropylbenzene	12.25	105	1380170	47.688	ug/l	100
74) N-amyl acetate	12.07	43	608072	48.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	449920	46.171	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	552916	65.532	ug/l #	100
77) Bromobenzene	12.53	156	319022	44.211	ug/l	99
78) n-propylbenzene	12.60	91	1609015	48.414	ug/l	100
79) 2-Chlorotoluene	12.68	91	966158	45.996	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	1189325	48.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	118687	49.501	ug/l	96
82) 4-Chlorotoluene	12.78	91	1004966	46.589	ug/l	100
83) tert-Butylbenzene	13.00	119	1020636	46.953	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1191335	47.933	ug/l	99
85) sec-Butylbenzene	13.18	105	1390968	48.278	ug/l	100
86) p-Isopropyltoluene	13.30	119	1264700	49.819	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	617013	46.586	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	613523	45.635	ug/l	99
89) n-Butylbenzene	13.62	91	1177377	49.112	ug/l	100
90) Hexachloroethane	13.88	117	189496	50.192	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	614449	46.437	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	80807	50.213	ug/l	99

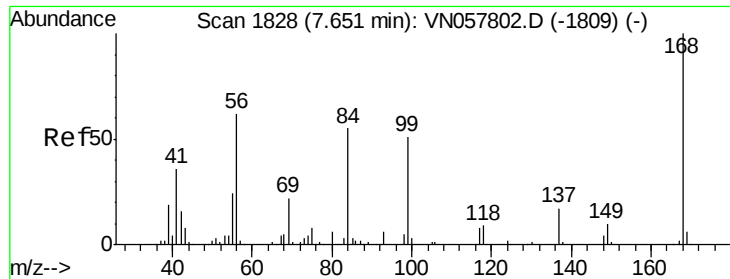
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	382560	44.233	ug/l	99
94) Hexachlorobutadiene	15.02	225	174399	47.569	ug/l	97
95) Naphthalene	15.13	128	1083115	49.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	363050	48.122	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

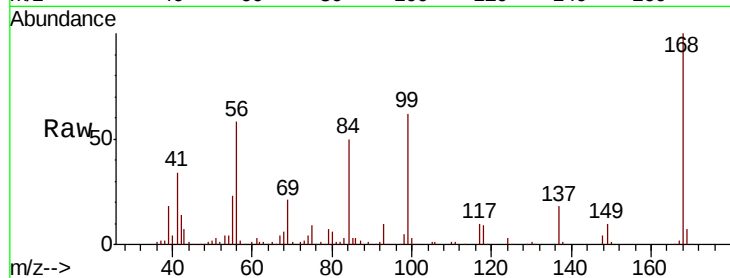
VSTDCCC050

Tgt Ion:168 Resp: 390962

Ion Ratio Lower Upper

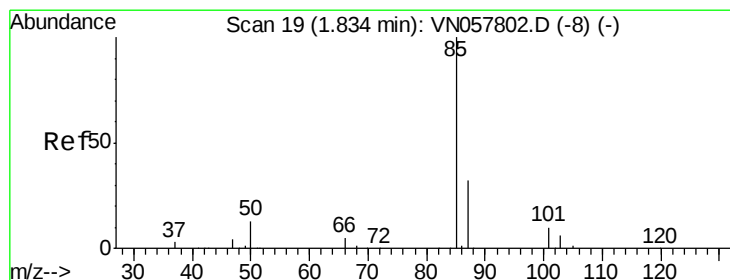
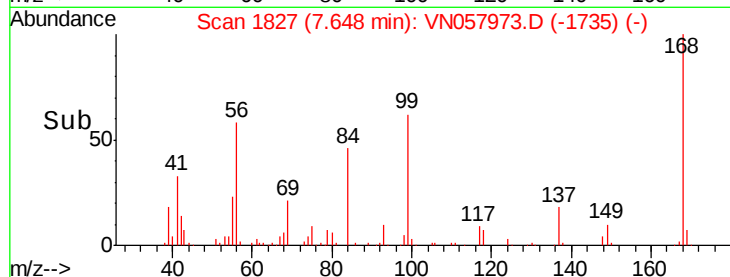
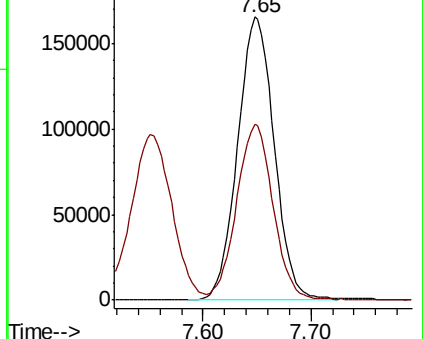
168 100

99 61.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.652 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057973.D

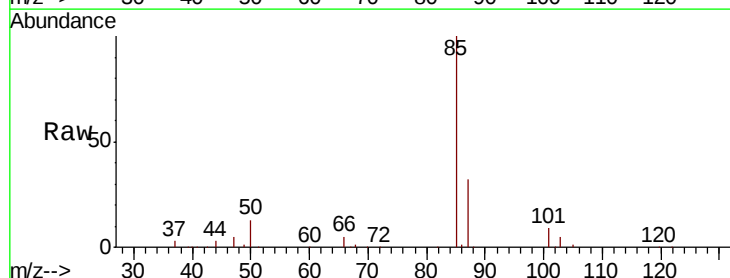
Acq: 12 Sep 2019 16:39

Tgt Ion: 85 Resp: 257645

Ion Ratio Lower Upper

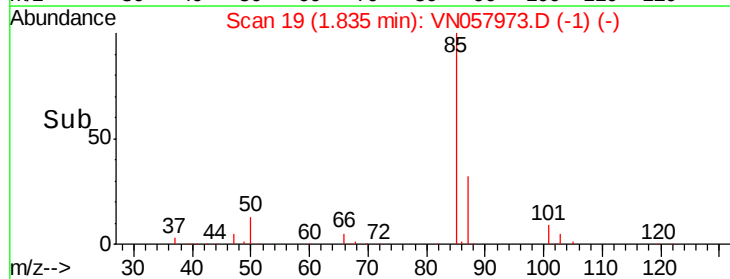
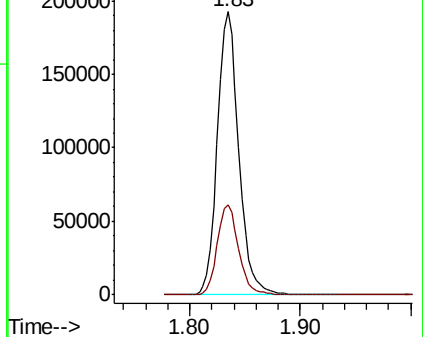
85 100

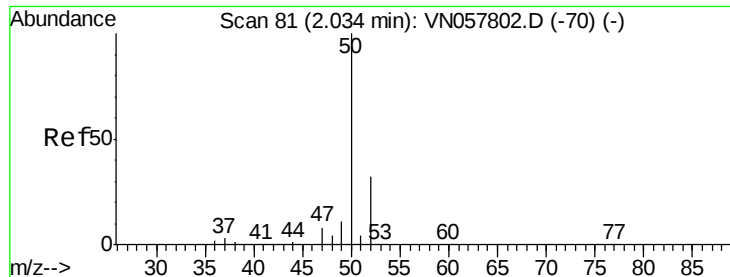
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 38.818 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

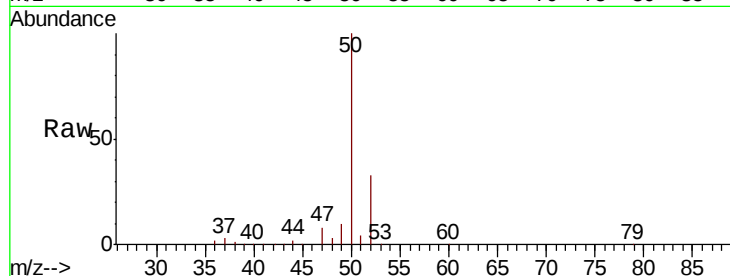
VSTDCCC050

Tgt Ion: 50 Resp: 213914

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057973.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057973.D (-1) (-)

2.03

150000

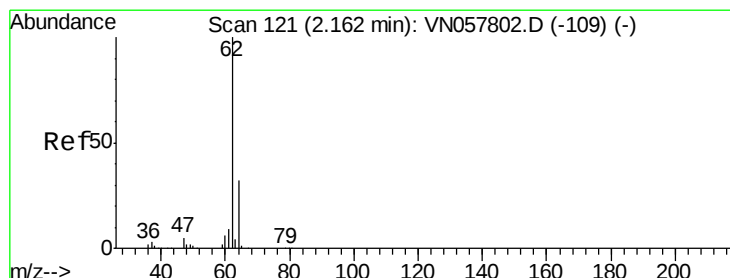
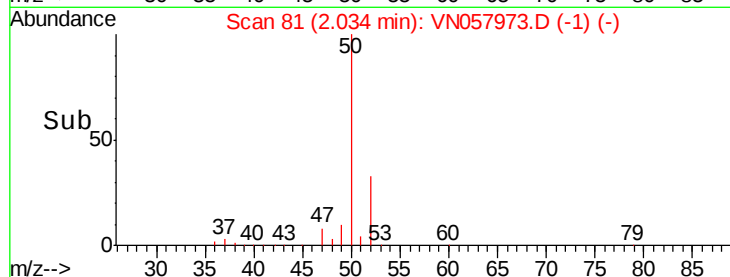
100000

50000

0

2.00 2.05 2.10

Time-->



#4

Vinyl Chloride

Concen: 40.881 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN057973.D

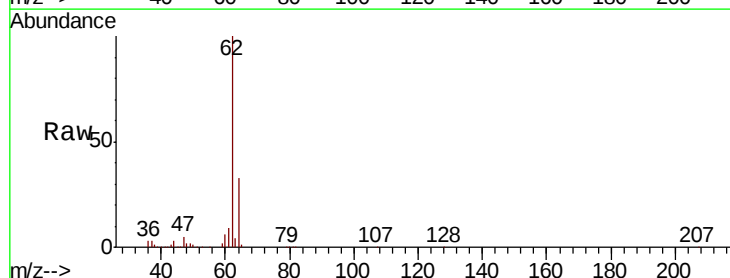
Acq: 12 Sep 2019 16:39

Tgt Ion: 62 Resp: 238432

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057973.D (-28) (-)

Ion 63.90 (63.60 to 64.60): VN057973.D (-28) (-)

2.16

150000

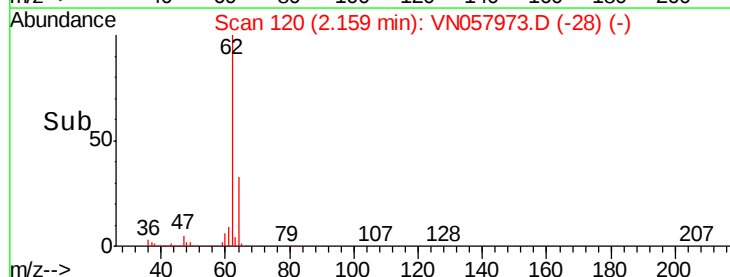
100000

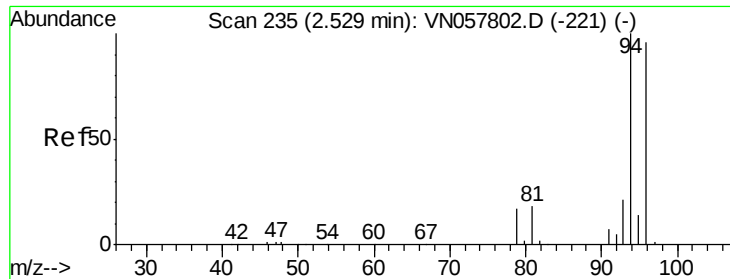
50000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 41.988 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

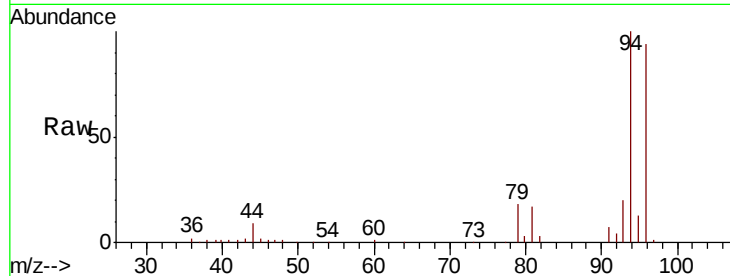
VSTDCCC050

Tgt Ion: 94 Resp: 135353

Ion Ratio Lower Upper

94 100

96 94.3 77.0 115.4

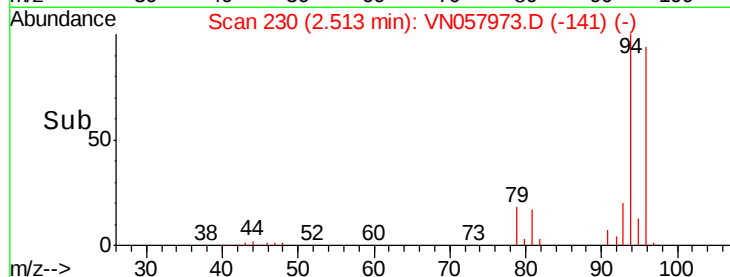


Abundance Ion 93.90 (93.60 to 94.60): VN057802.D (-221) (-)

Ion 95.90 (95.60 to 96.60): VN057802.D (-221) (-)

2.51

Time-->



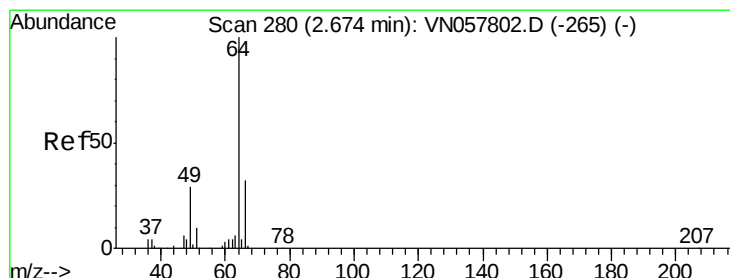
Abundance

Ion 93.90 (93.60 to 94.60): VN057973.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN057973.D (-141) (-)

2.51

Time-->



#6

Chloroethane

Concen: 41.083 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN057973.D

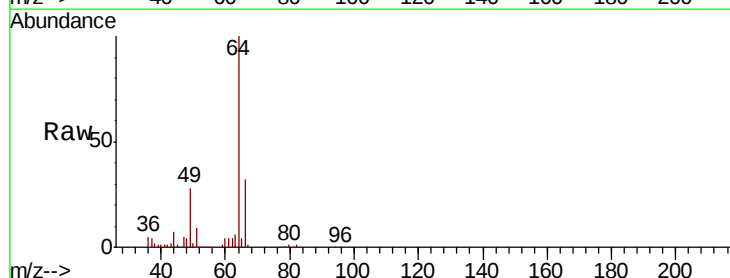
Acq: 12 Sep 2019 16:39

Tgt Ion: 64 Resp: 152686

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3

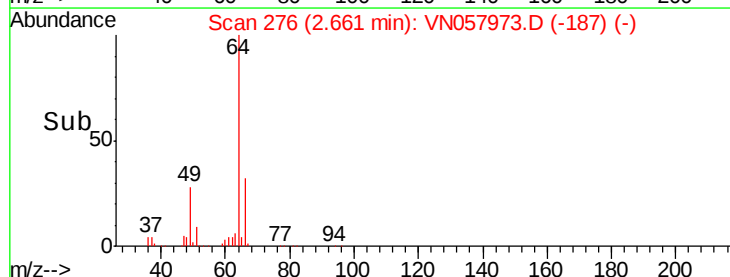


Abundance Ion 63.90 (63.60 to 64.60): VN057802.D (-265) (-)

Ion 65.90 (65.60 to 66.60): VN057802.D (-265) (-)

2.66

Time-->



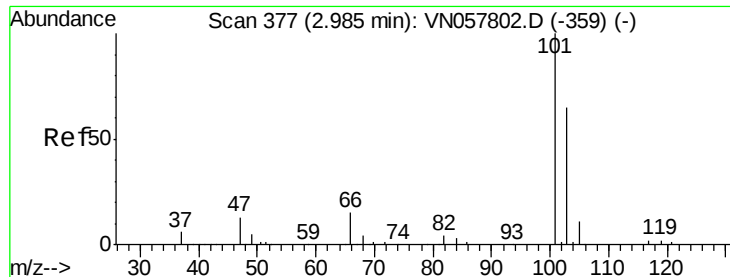
Abundance

Ion 63.90 (63.60 to 64.60): VN057973.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VN057973.D (-187) (-)

2.66

Time-->

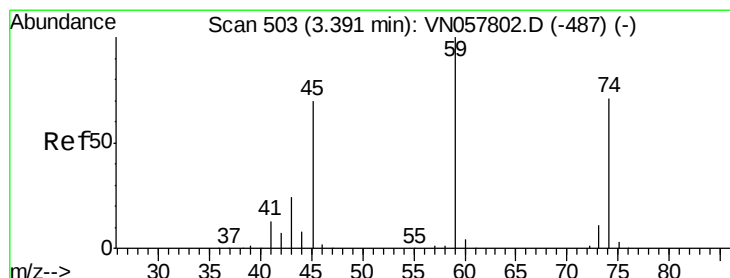
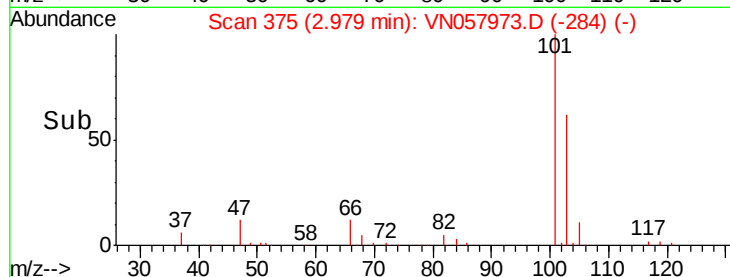
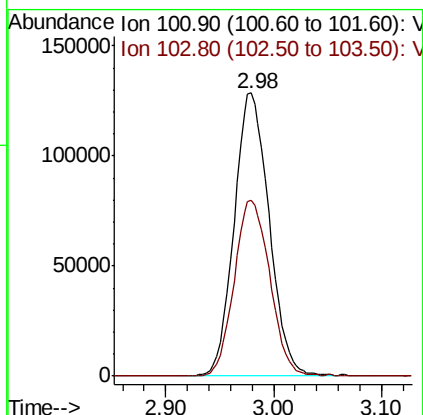
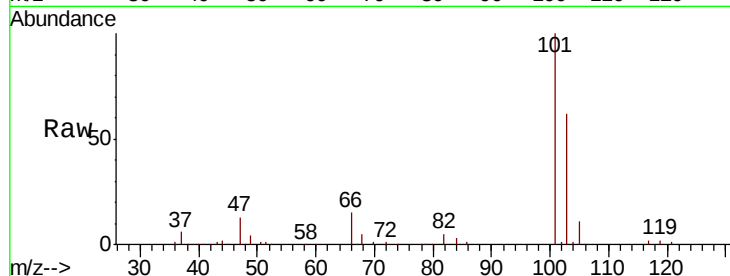


#7

Trichlorofluoromethane
 Concen: 39.562 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Instrument :
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 ClientSampleId :
 VSTDCCC050

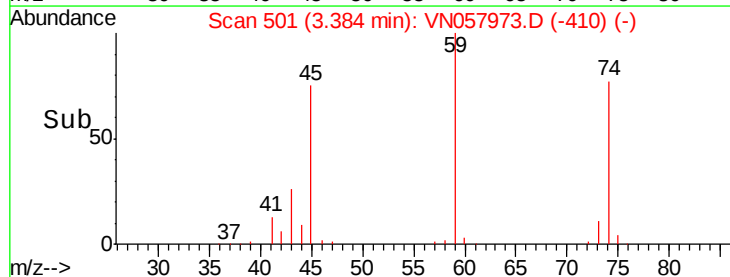
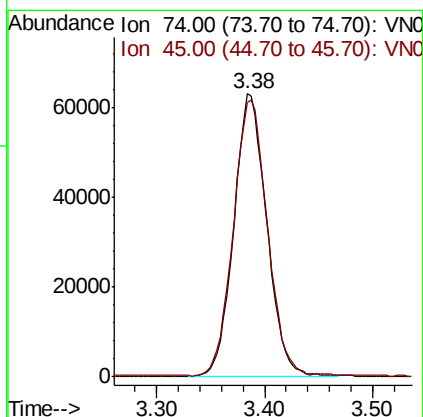
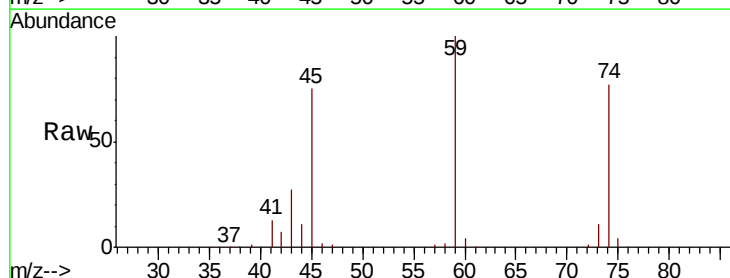
Tgt Ion: 101 Resp: 290373
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.9 77.9

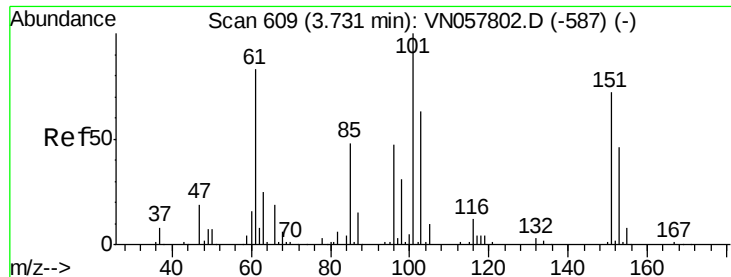


#8

Diethyl Ether
 Concen: 44.013 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion: 74 Resp: 134737
 Ion Ratio Lower Upper
 74 100
 45 100.0 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.239 ug/l

RT: 3.73 min Scan# 607

Delta R.T. -0.01 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

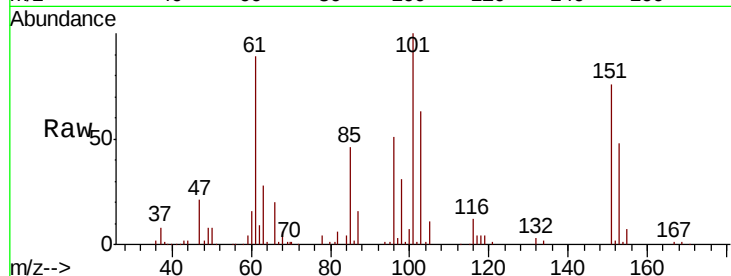
Tgt Ion:101 Resp: 209463

Ion Ratio Lower Upper

101 100

85 47.5 38.1 57.1

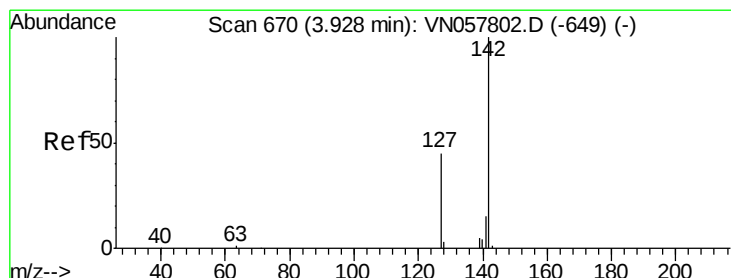
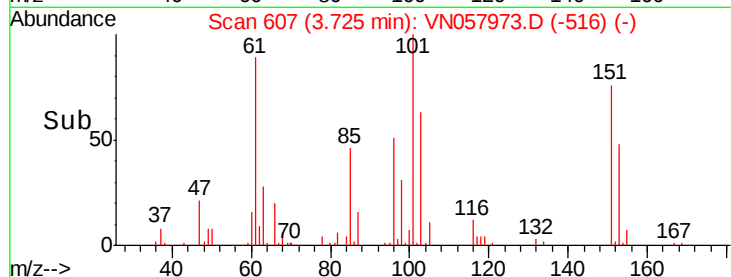
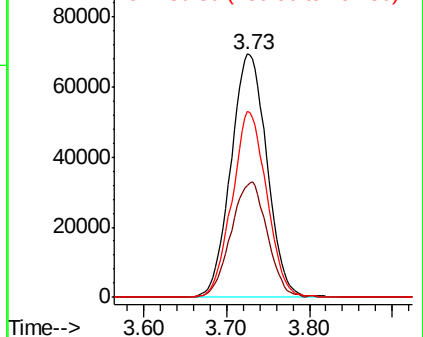
151 73.3 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.772 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

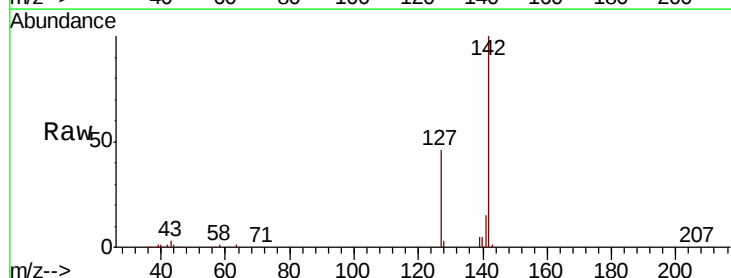
Tgt Ion:142 Resp: 210076

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

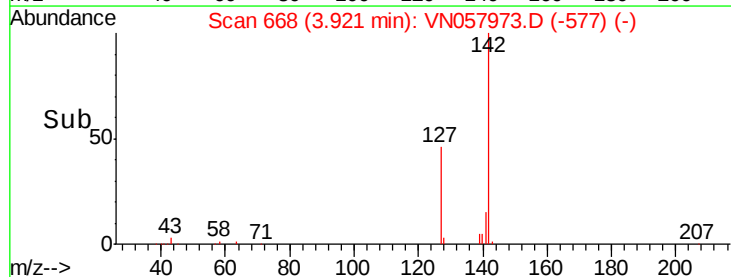
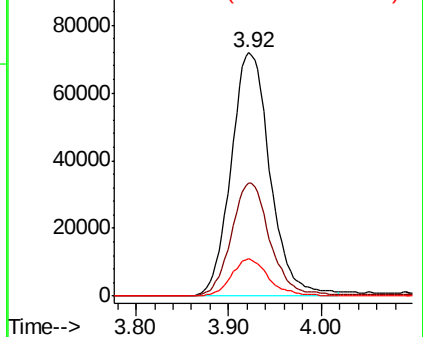
141 14.7 11.4 17.0

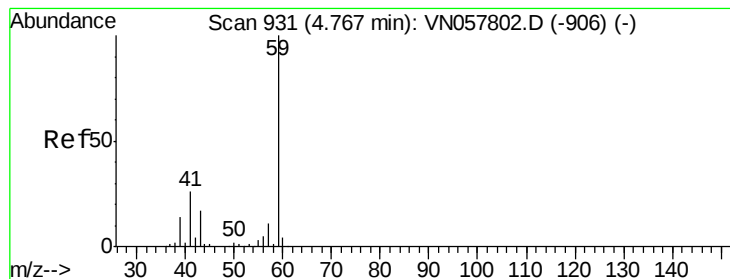


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



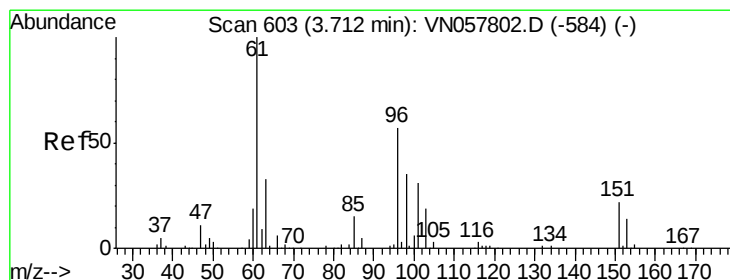
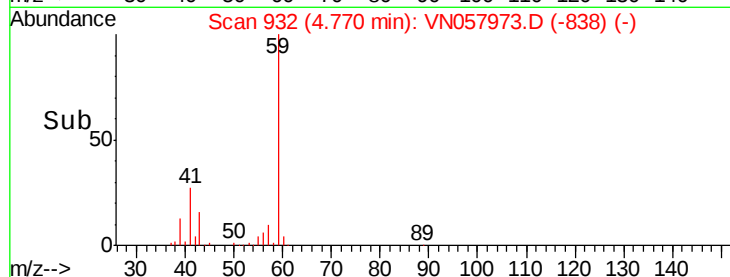
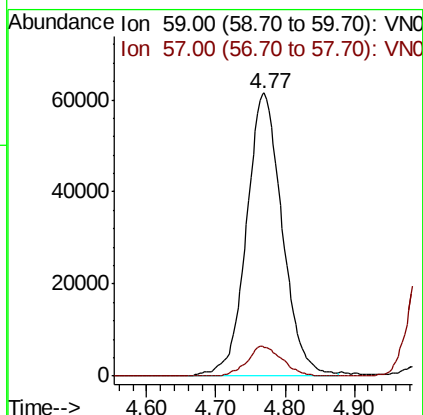
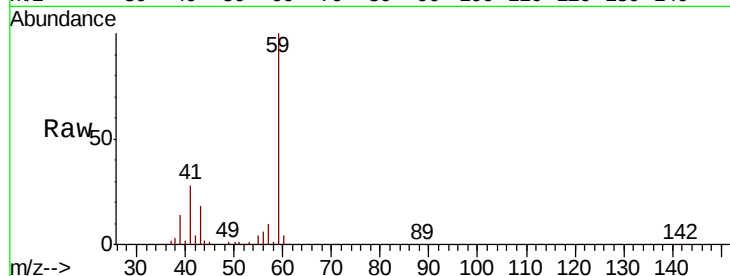


#11

Tert butyl alcohol
 Concen: 229.661 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

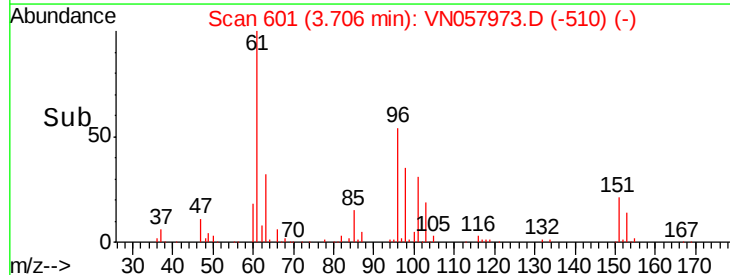
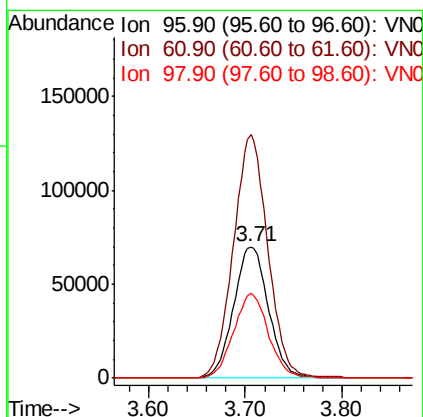
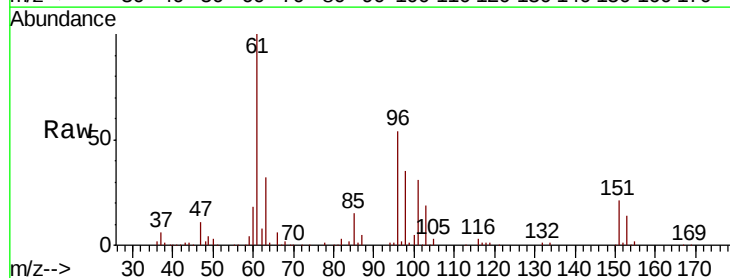
Tgt Ion: 59 Resp: 220109
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

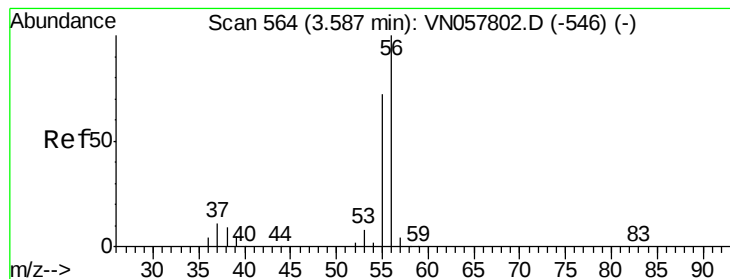


#12

1,1-Dichloroethene
 Concen: 42.175 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion: 96 Resp: 175576
 Ion Ratio Lower Upper
 96 100
 61 185.3 141.2 211.8
 98 64.4 49.9 74.9





#13

Acrolein

Concen: 162.349 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

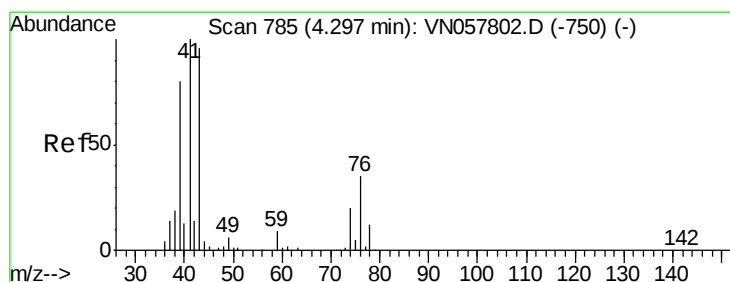
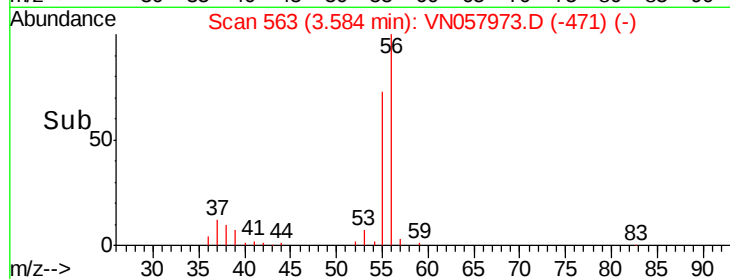
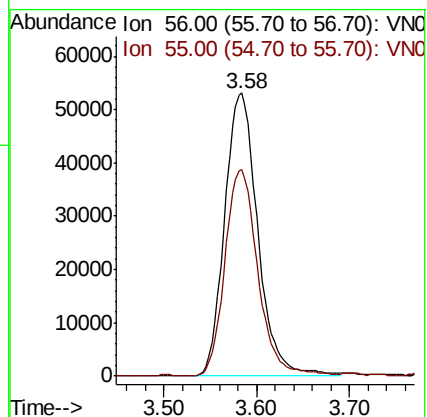
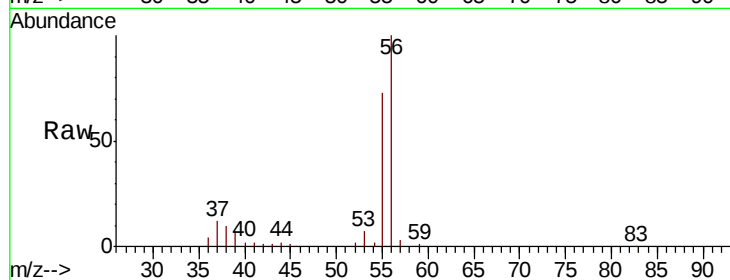
VSTDCCC050

Tgt Ion: 56 Resp: 132007

Ion Ratio Lower Upper

56 100

55 72.8 57.3 85.9



#14

Allyl chloride

Concen: 43.704 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

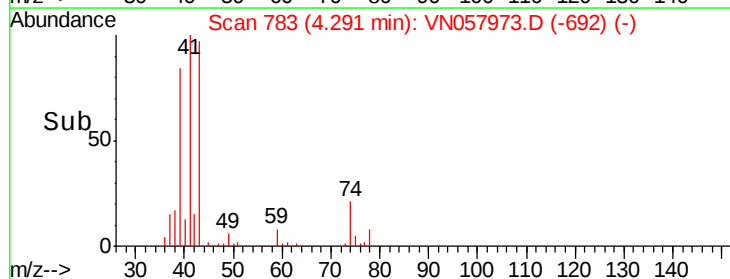
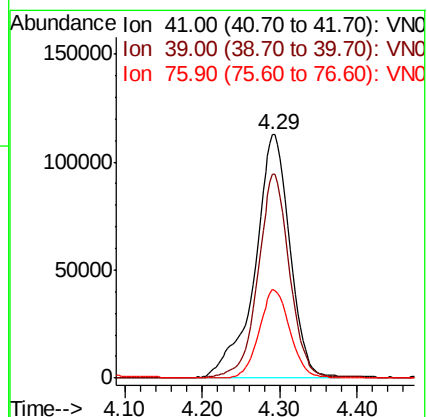
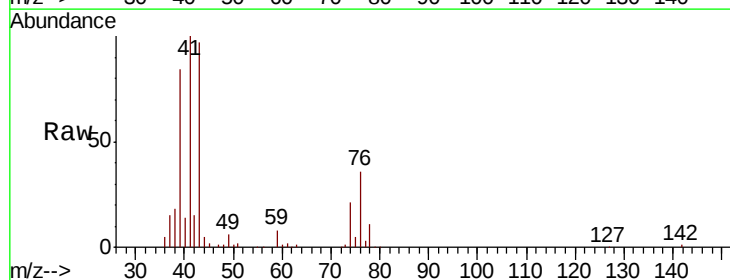
Tgt Ion: 41 Resp: 356060

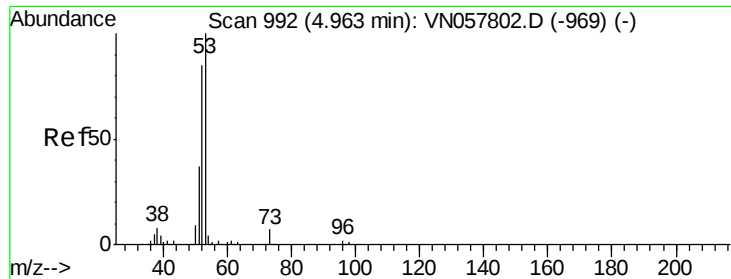
Ion Ratio Lower Upper

41 100

39 75.2 59.4 89.2

76 32.0 26.0 39.0





#15

Acrylonitrile

Concen: 240.969 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

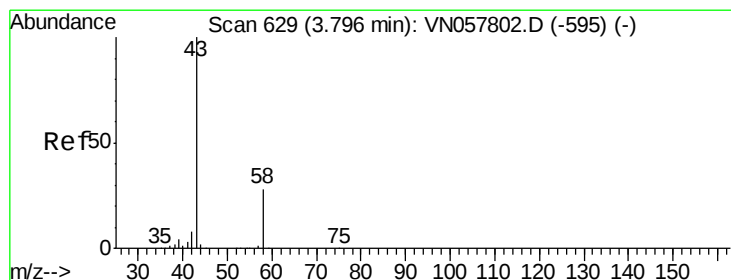
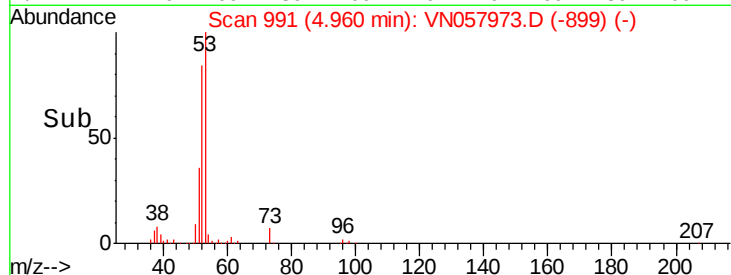
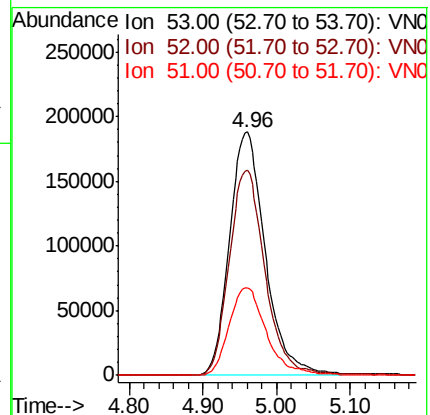
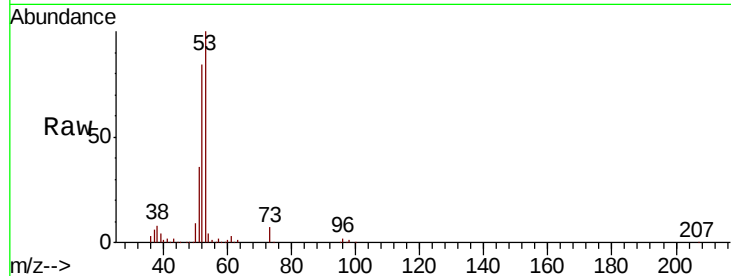
Tgt Ion: 53 Resp: 634778

Ion Ratio Lower Upper

53 100

52 84.1 66.6 100.0

51 37.6 29.8 44.8



#16

Acetone

Concen: 251.007 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057973.D

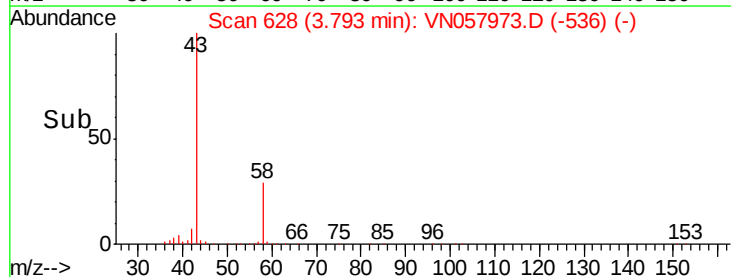
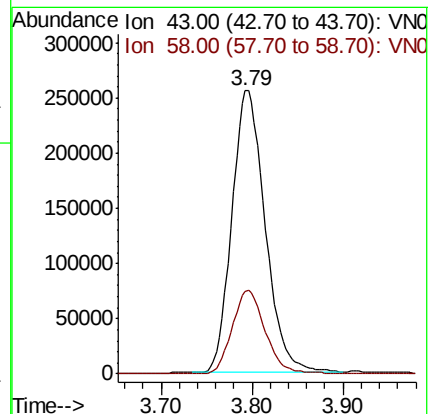
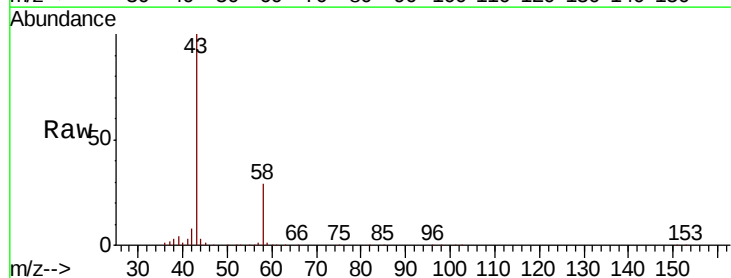
Acq: 12 Sep 2019 16:39

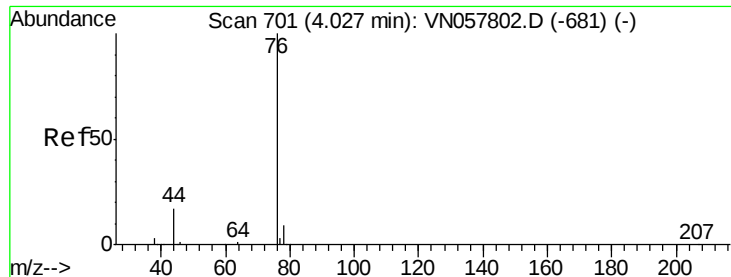
Tgt Ion: 43 Resp: 651581

Ion Ratio Lower Upper

43 100

58 29.2 22.2 33.2

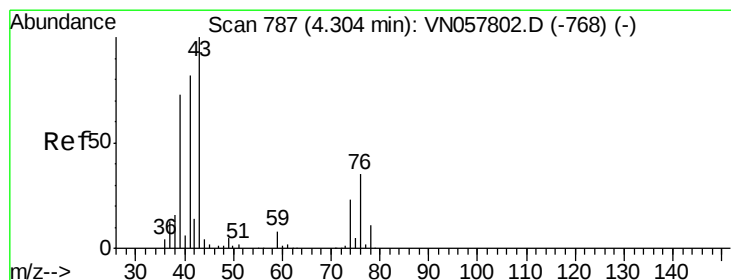
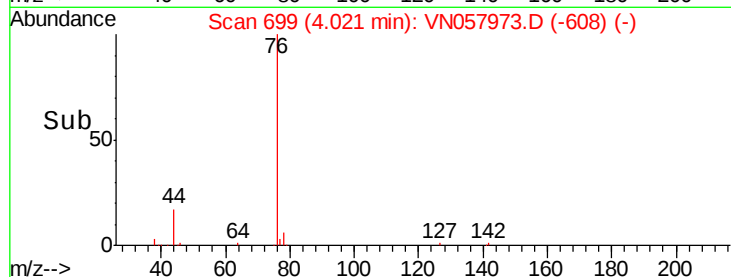
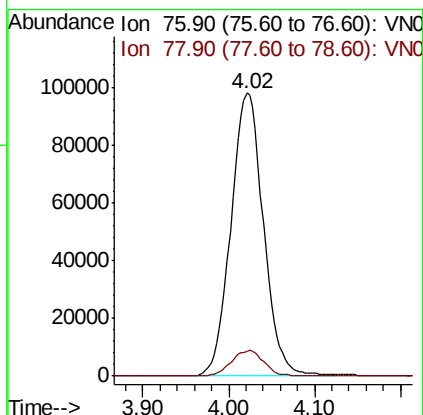
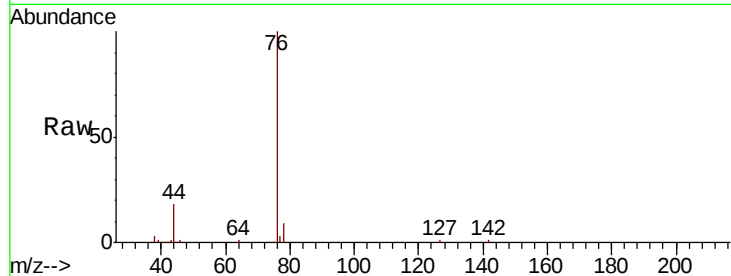




#17
Carbon Disulfide
Concen: 39.884 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.01 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

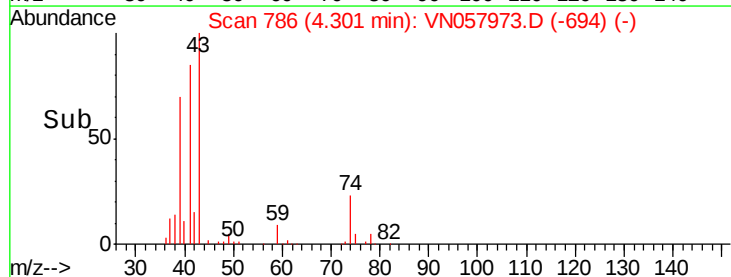
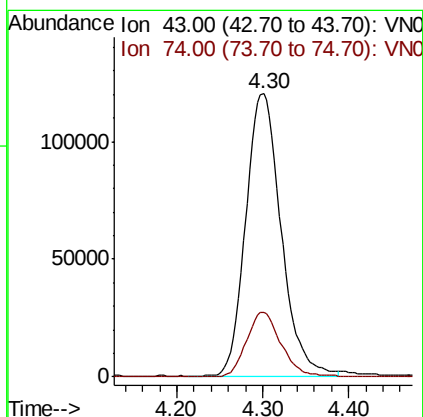
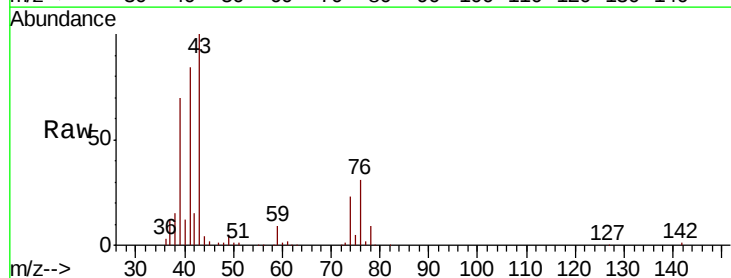
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

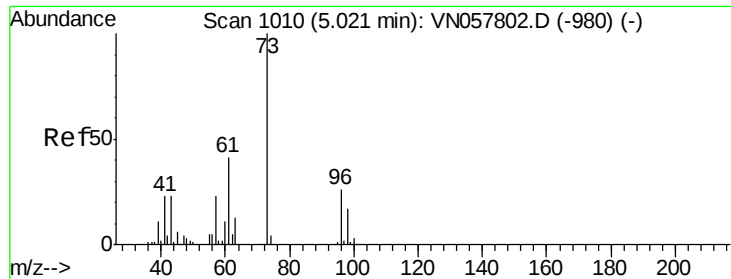
Tgt Ion: 76 Resp: 258216
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 49.485 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 43 Resp: 342503
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9

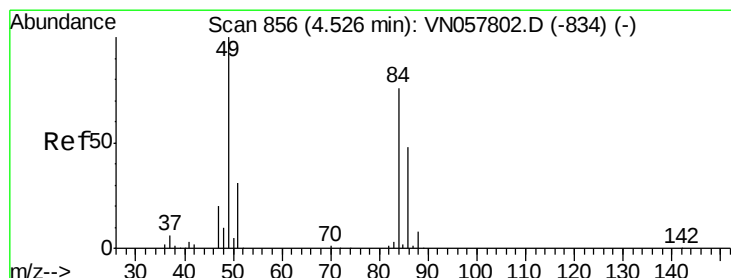
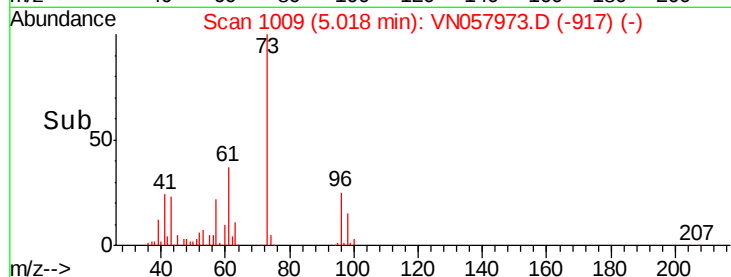
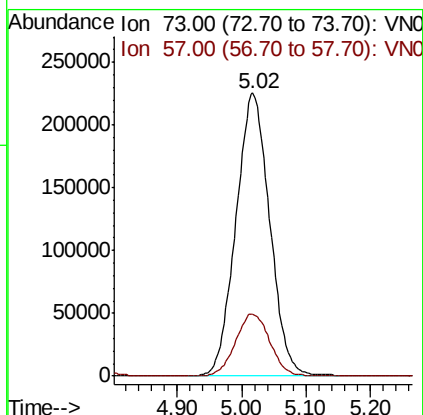
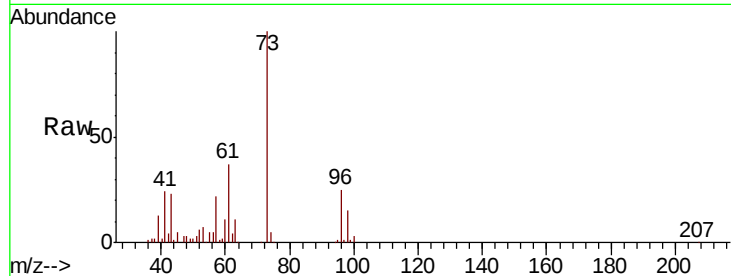




#19
Methyl tert-butyl Ether
Concen: 47.425 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

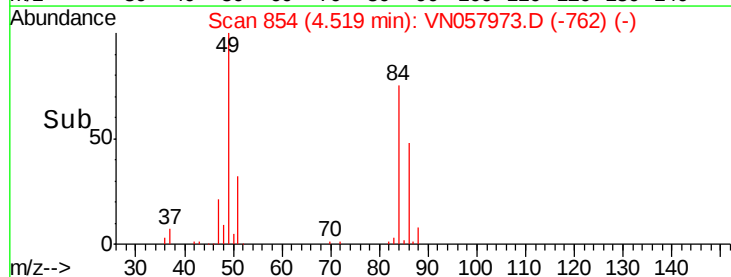
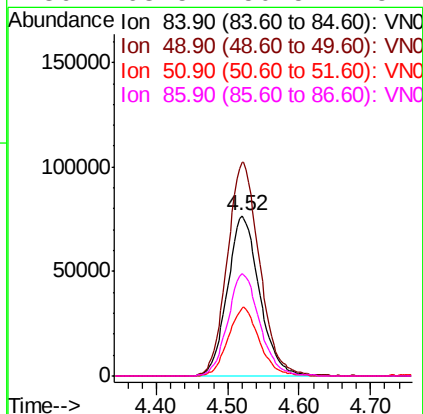
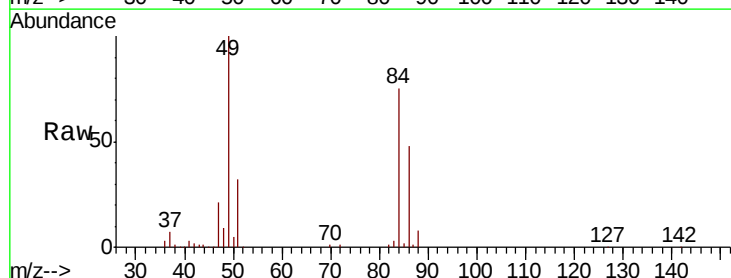
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

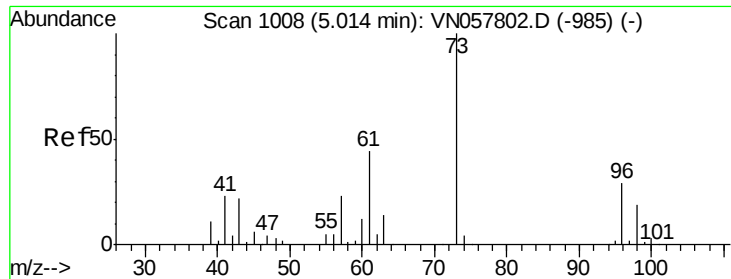
Tgt Ion: 73 Resp: 821644
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 48.735 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 84 Resp: 240991
Ion Ratio Lower Upper
84 100
49 133.0 104.8 157.2
51 41.9 33.0 49.4
86 63.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 42.700 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.01 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

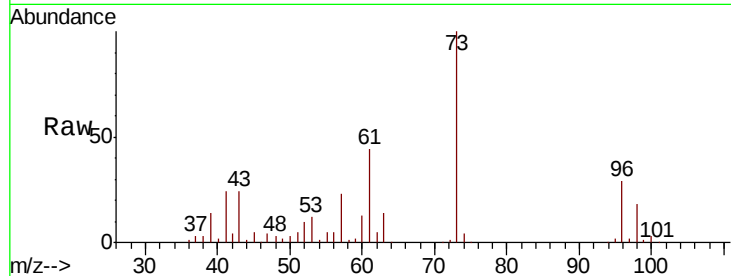
Tgt Ion: 96 Resp: 192161

Ion Ratio Lower Upper

96 100

61 150.6 121.9 182.9

98 62.3 52.2 78.4

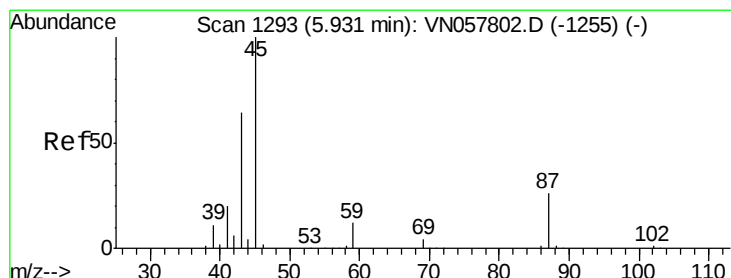
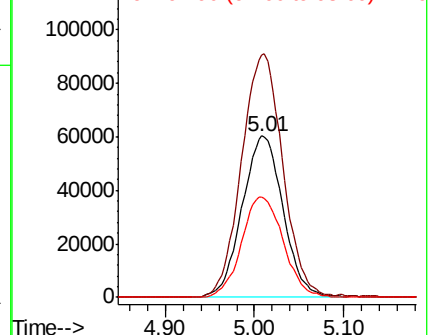
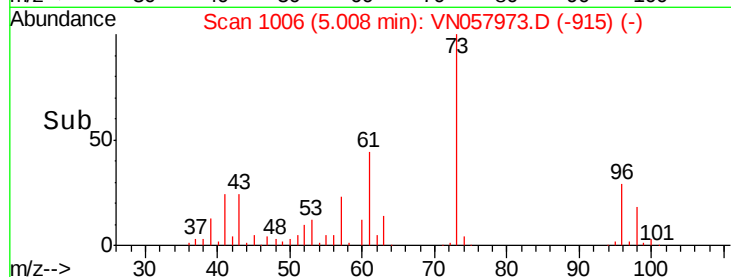


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.297 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Tgt Ion: 45 Resp: 922755

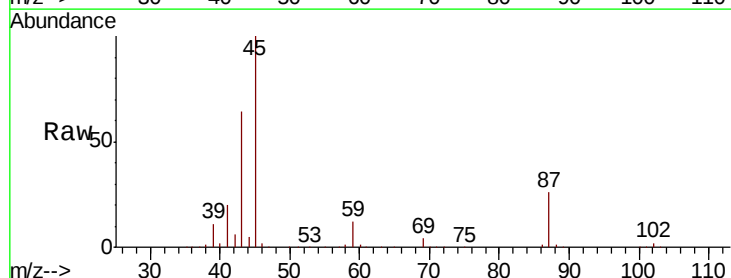
Ion Ratio Lower Upper

45 100

43 62.8 51.4 77.2

87 26.1 21.3 31.9

59 11.7 9.3 13.9



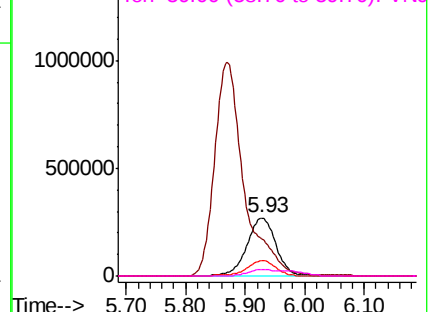
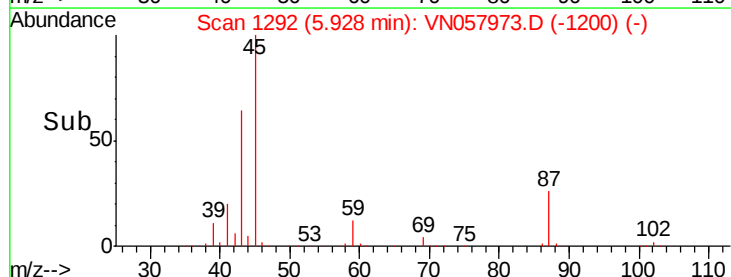
Abundance

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: 251.868 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampled :

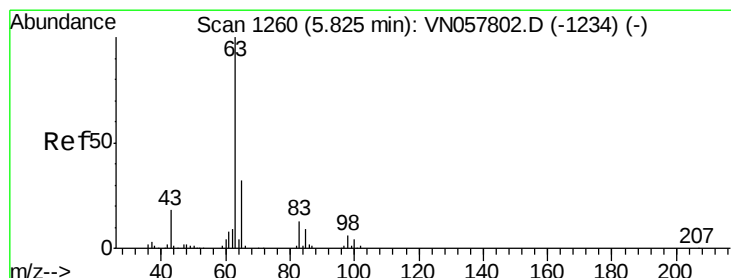
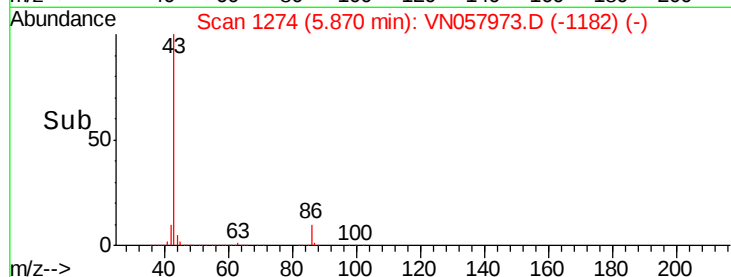
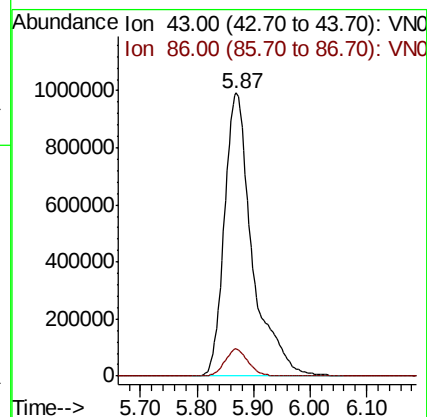
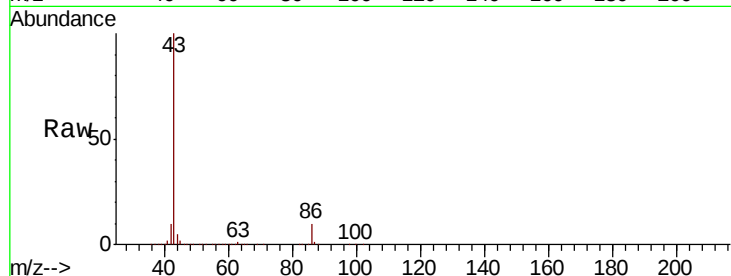
VSTDCCC050

Tgt Ion: 43 Resp: 3410363

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 45.562 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

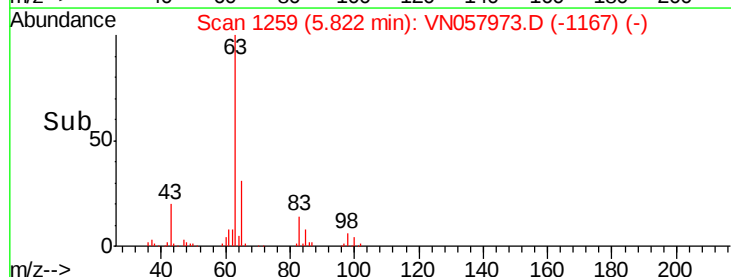
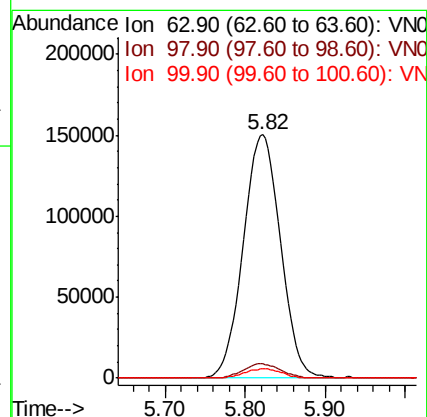
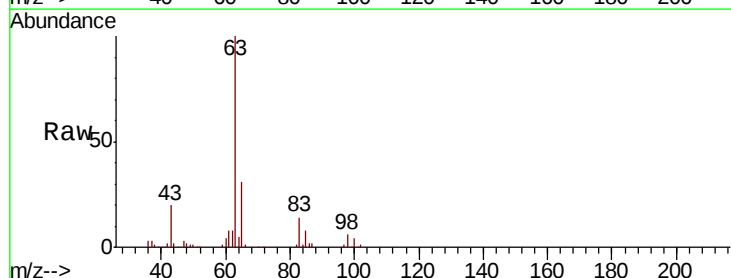
Tgt Ion: 63 Resp: 475745

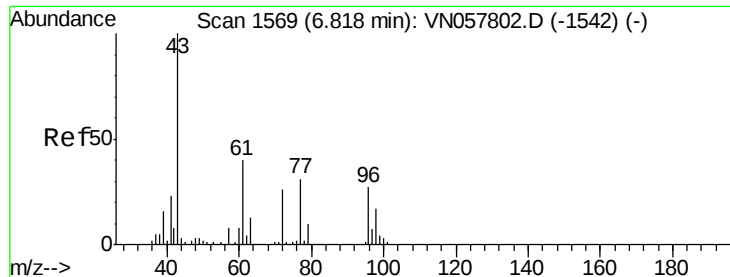
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 248.812 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

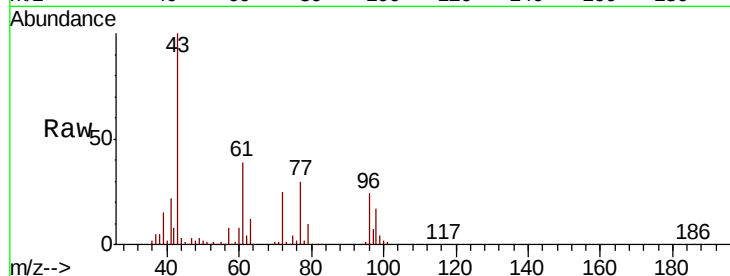
VSTDCCC050

Tgt Ion: 43 Resp: 934823

Ion Ratio Lower Upper

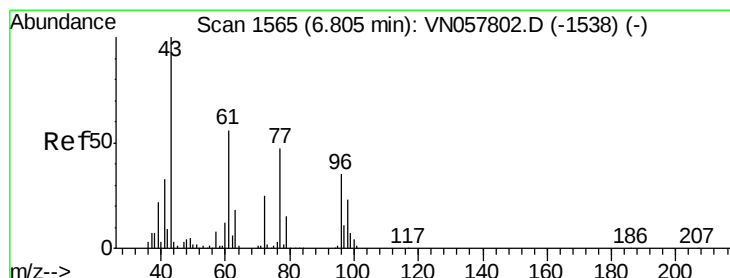
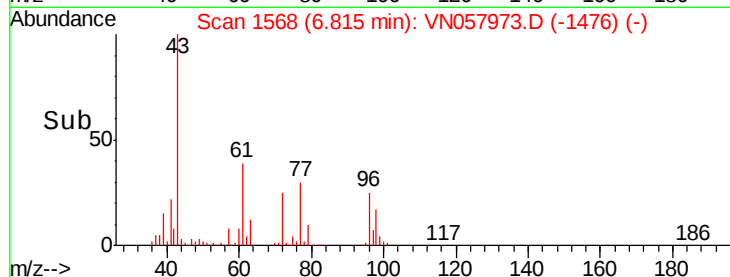
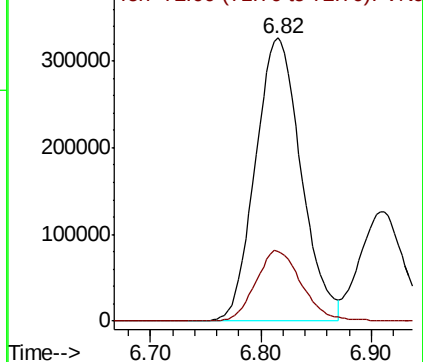
43 100

72 24.8 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.689 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN057973.D

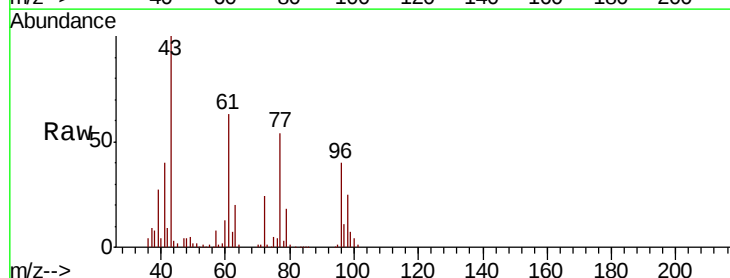
Acq: 12 Sep 2019 16:39

Tgt Ion: 77 Resp: 394077

Ion Ratio Lower Upper

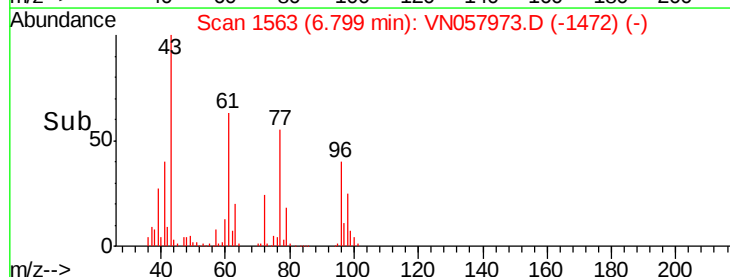
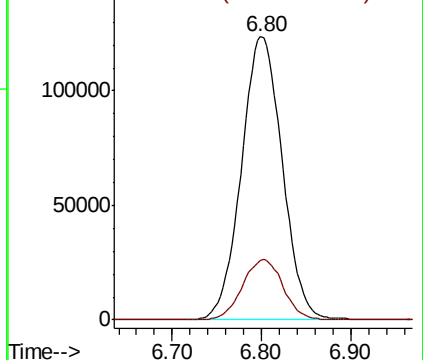
77 100

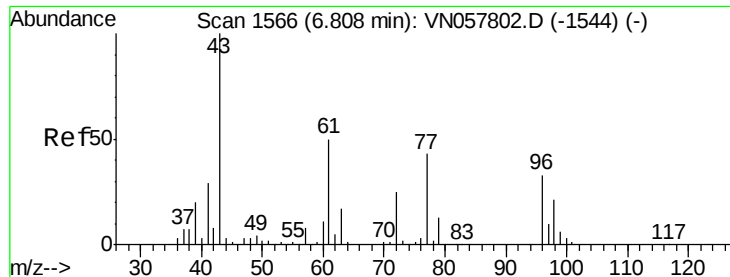
97 21.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 44.814 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

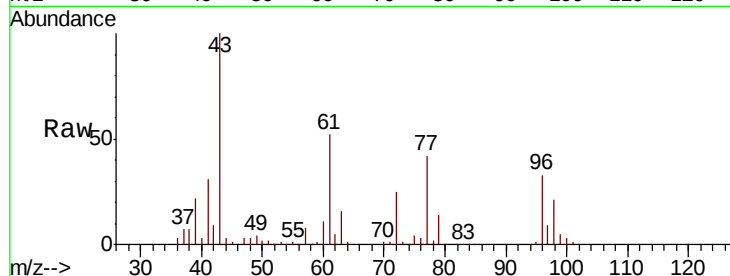
Tgt Ion: 96 Resp: 270273

Ion Ratio Lower Upper

96 100

61 161.5 0.0 314.0

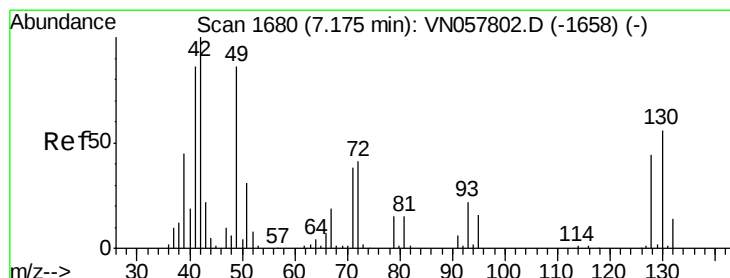
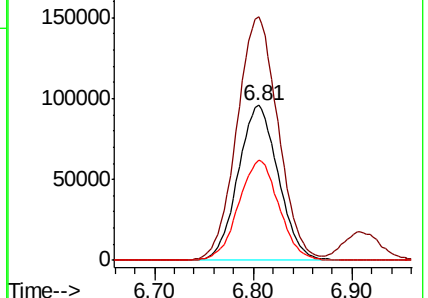
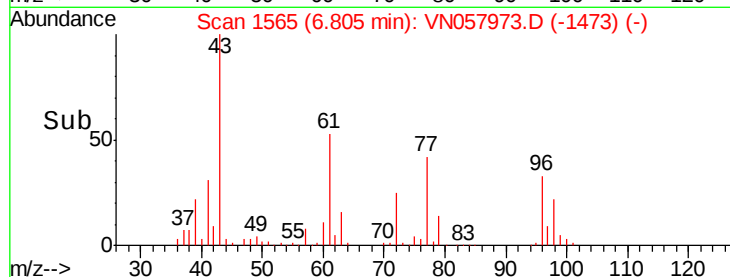
98 65.0 0.0 128.6



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



#28

Bromochloromethane

Concen: 48.789 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

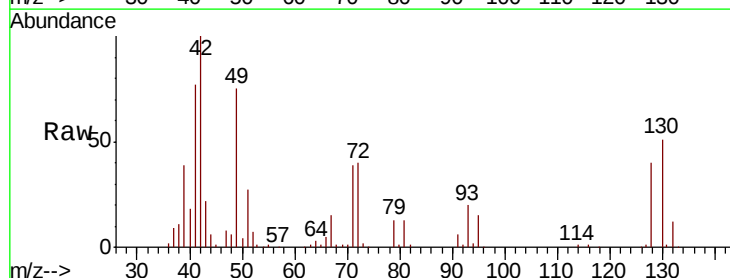
Tgt Ion: 49 Resp: 254513

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

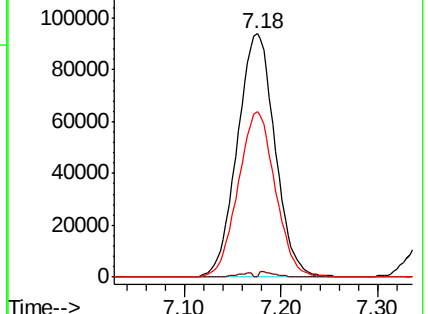
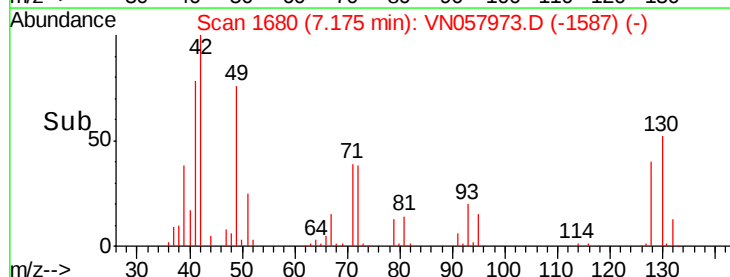
130 66.9 53.0 79.6

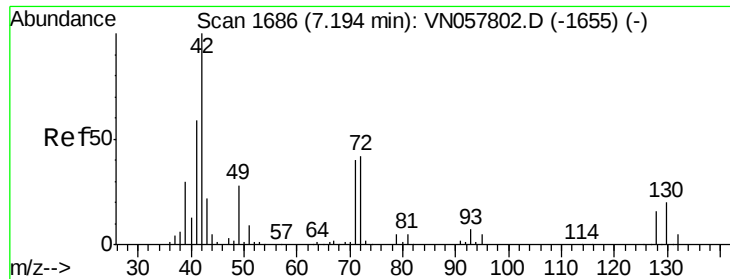


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

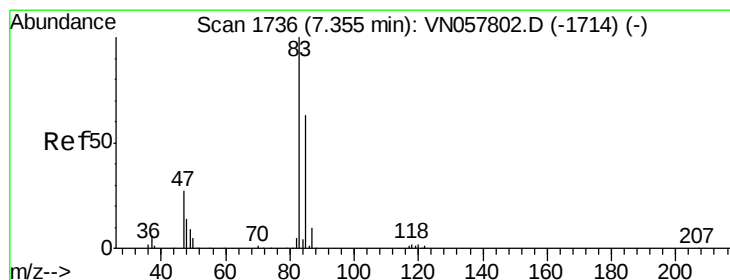
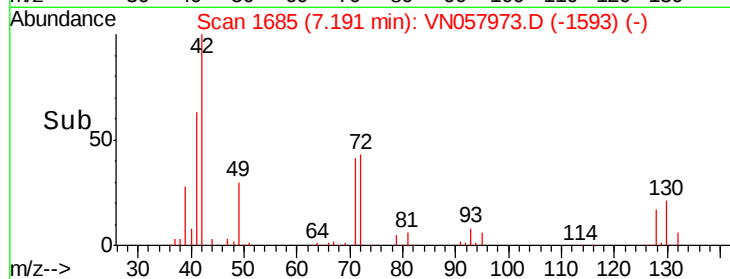
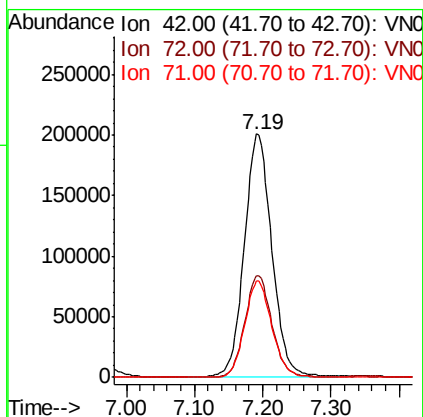
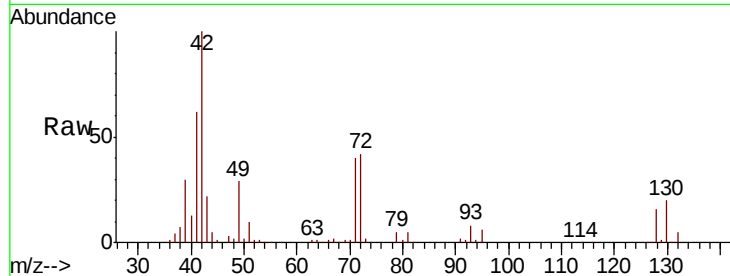




#29
Tetrahydrofuran
Concen: 242.766 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

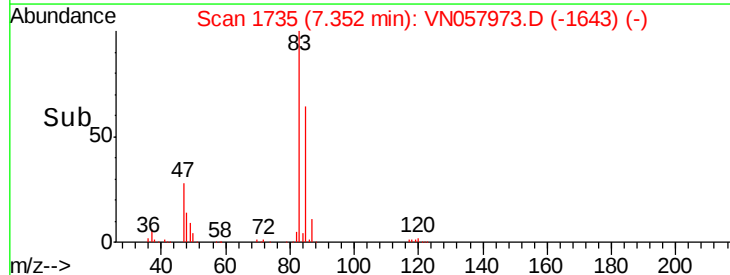
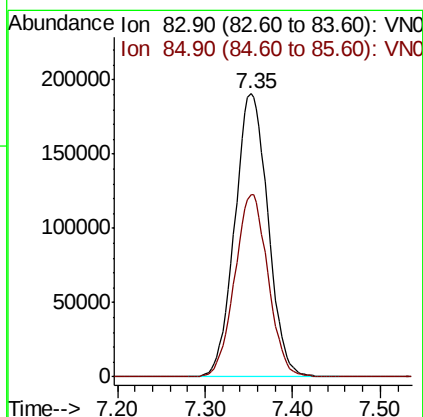
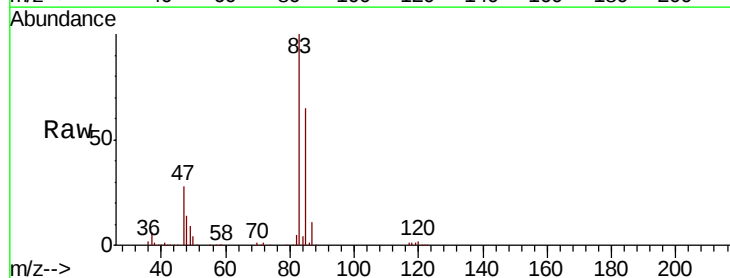
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

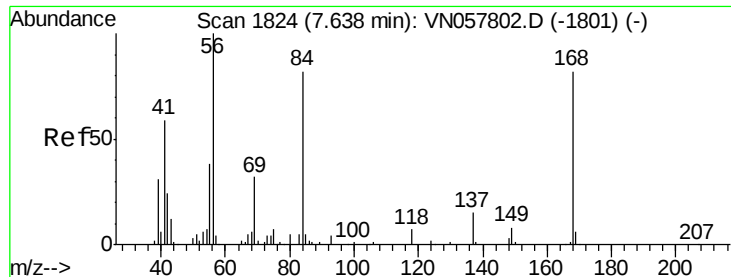
Tgt Ion: 42 Resp: 562043
Ion Ratio Lower Upper
42 100
72 41.3 33.7 50.5
71 39.3 31.9 47.9



#30
Chloroform
Concen: 46.085 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 83 Resp: 503152
Ion Ratio Lower Upper
83 100
85 64.6 50.6 75.8

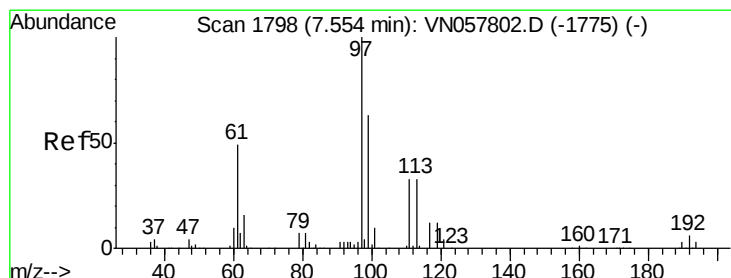
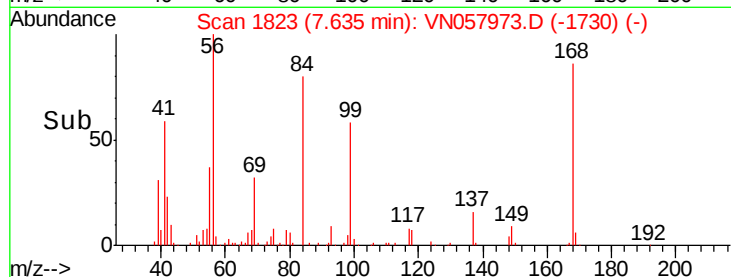
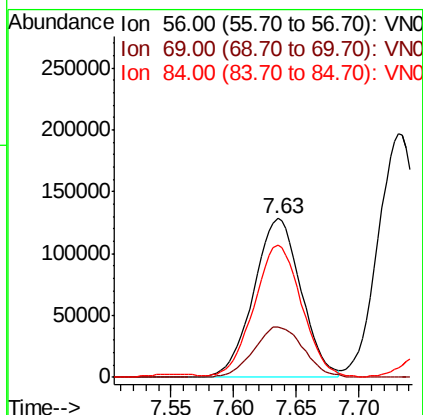
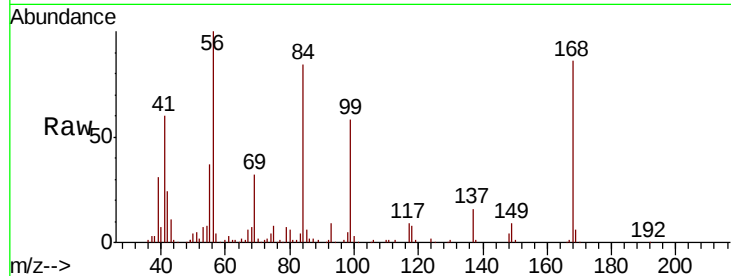




#31
Cyclohexane
Concen: 47.402 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

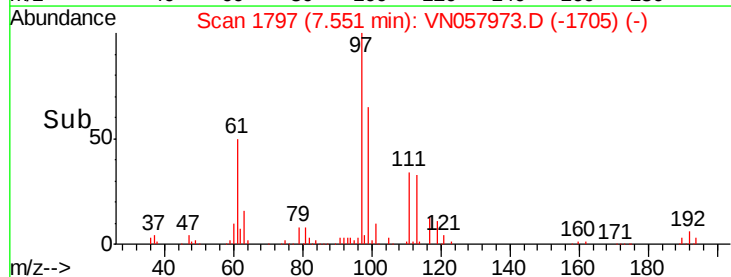
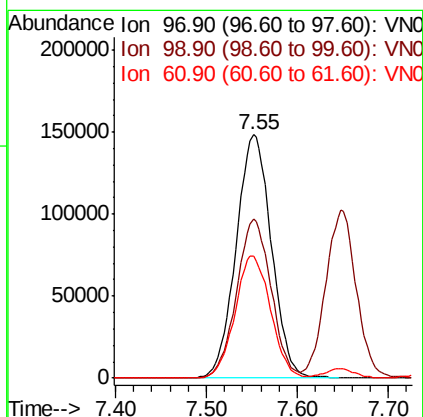
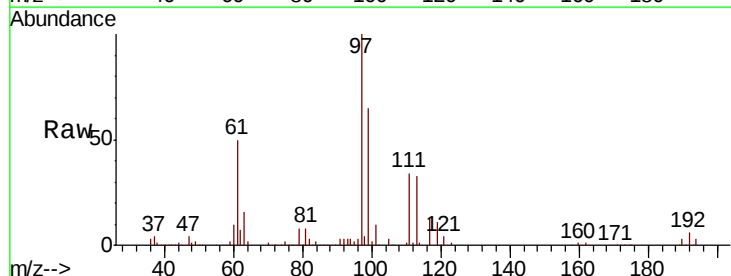
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 338126
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 81.9 65.6 98.4



#32
1,1,1-Trichloroethane
Concen: 46.178 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 97 Resp: 399852
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 50.4 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 51.421 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

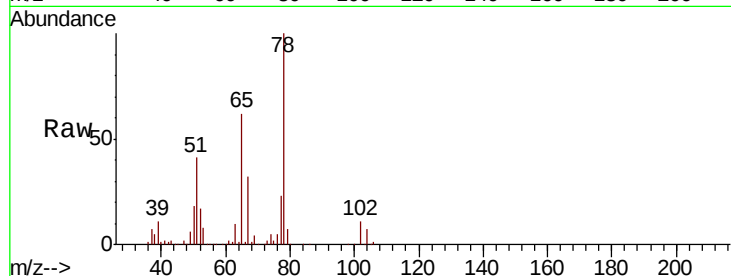
VSTDCCC050

Tgt Ion: 65 Resp: 407183

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

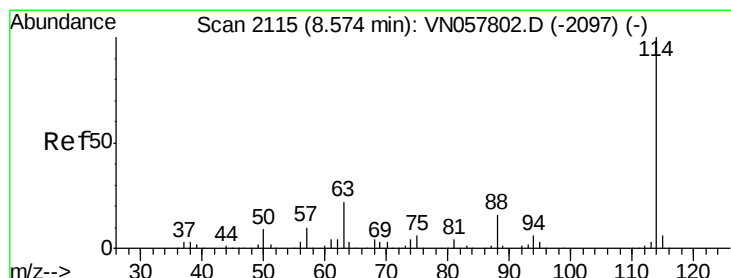
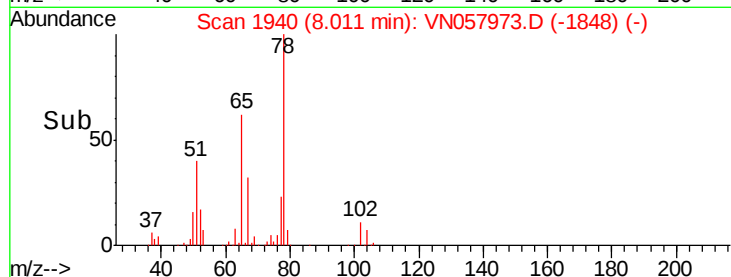
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

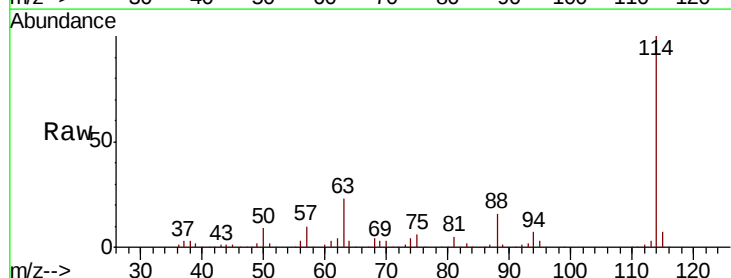
Tgt Ion: 114 Resp: 626379

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

400000

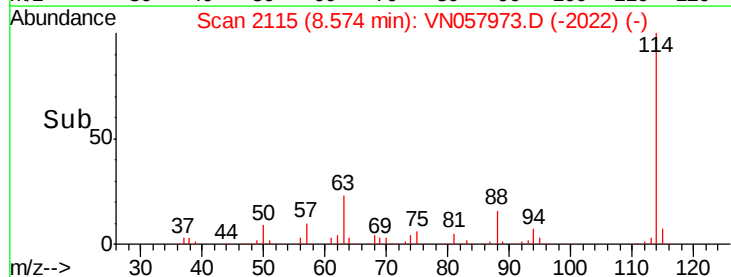
300000

200000

100000

0

Time-->

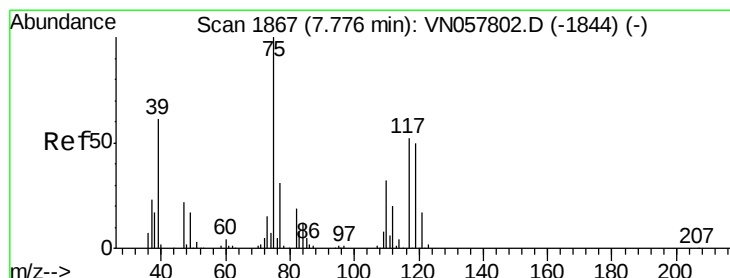
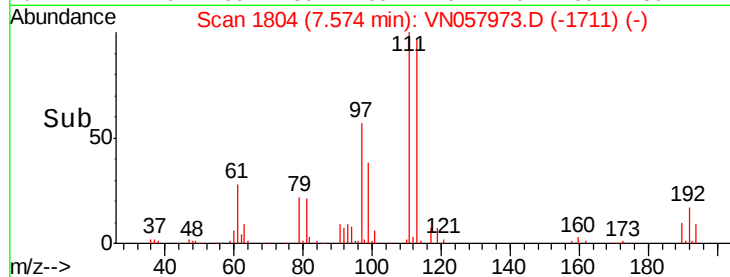
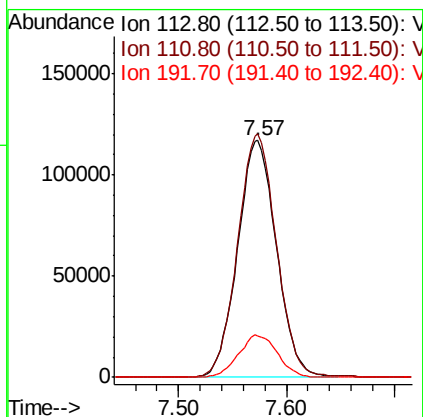
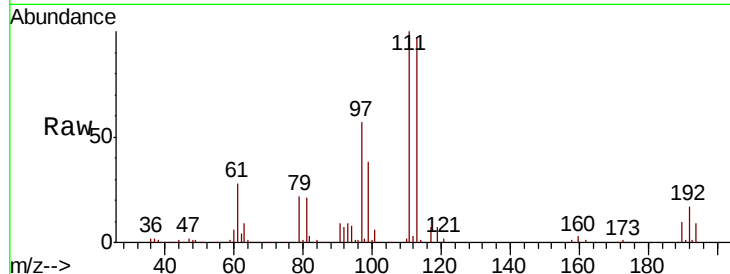




#35
 Dibromofluoromethane
 Concen: 50.625 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

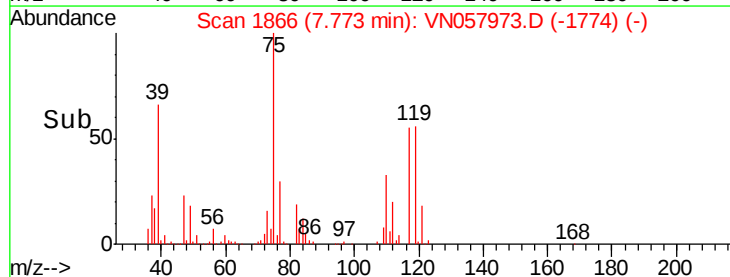
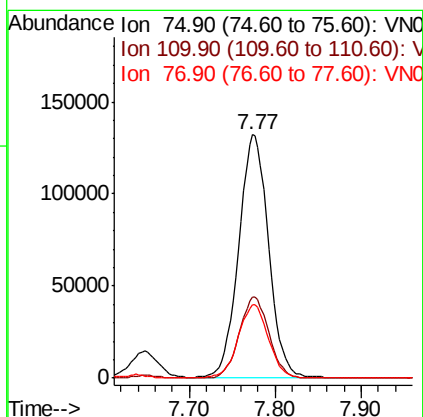
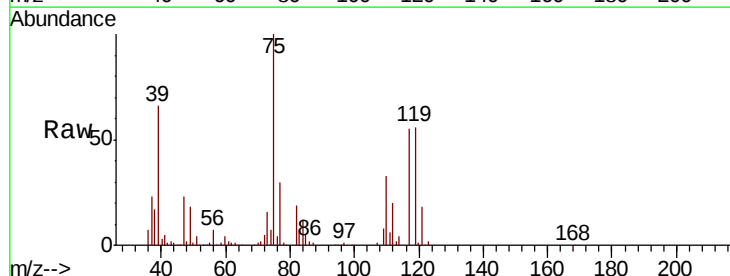
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

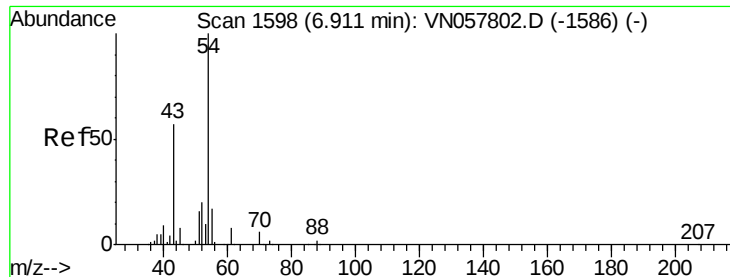
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	18.2	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 43.759 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.3	48.9
77	30.7	25.0	37.4

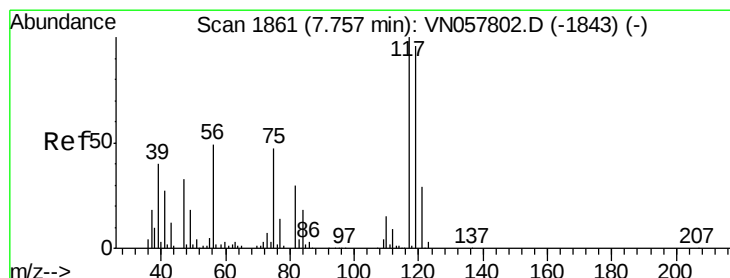
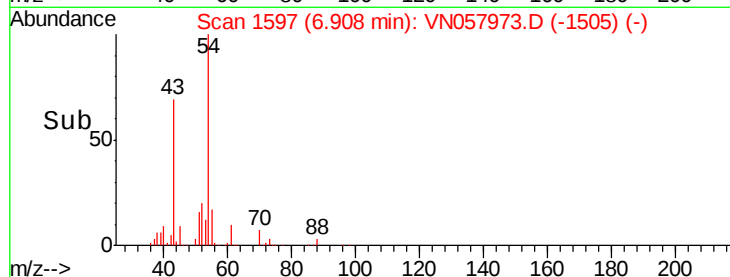
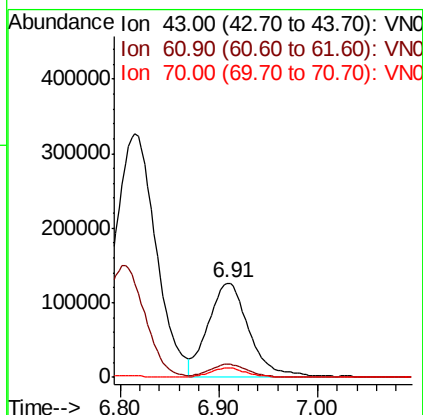
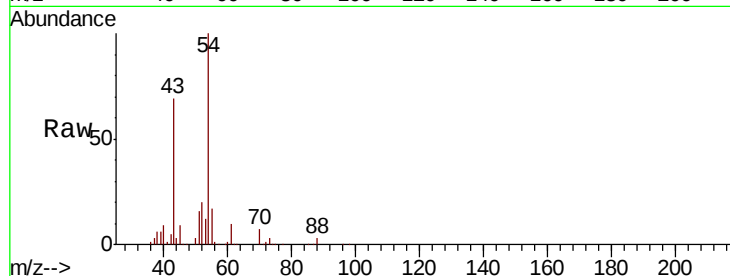




#37
 Ethyl Acetate
 Concen: 47.857 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

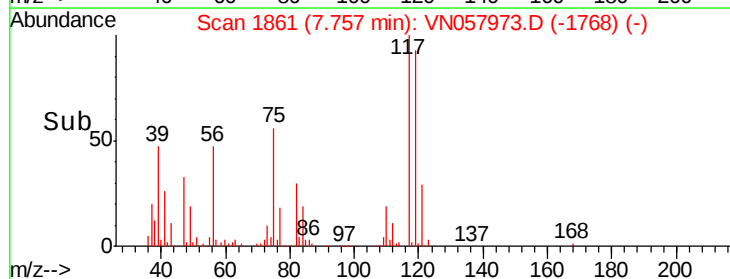
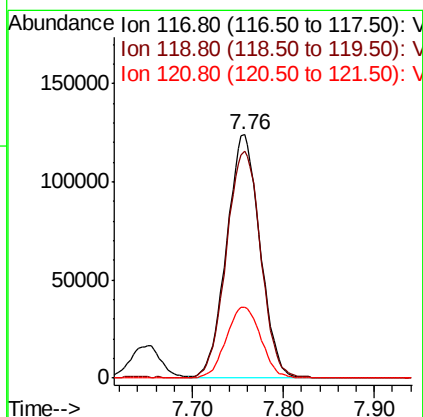
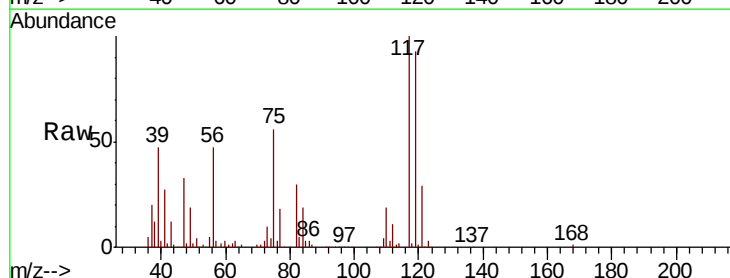
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

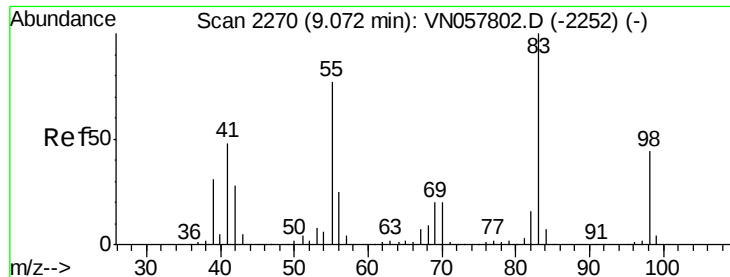
Tgt Ion: 43 Resp: 359185
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.5 15.7
 70 8.9 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 47.850 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion: 117 Resp: 317355
 Ion Ratio Lower Upper
 117 100
 119 92.8 76.9 115.3
 121 29.0 23.4 35.2

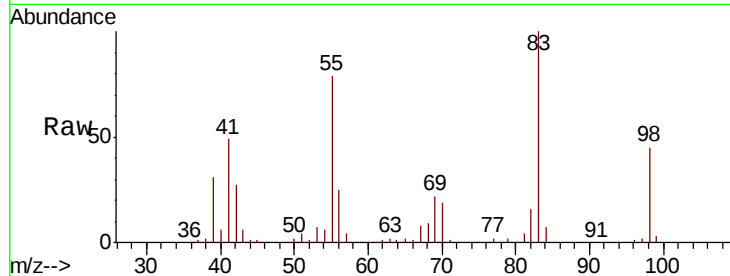




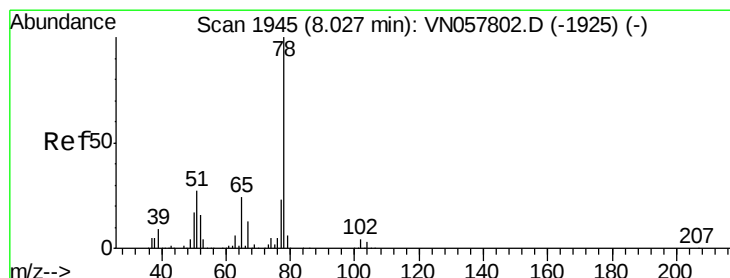
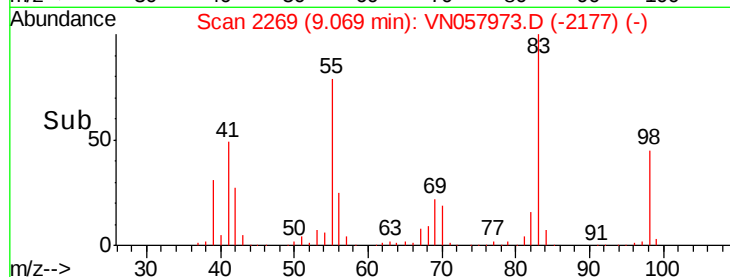
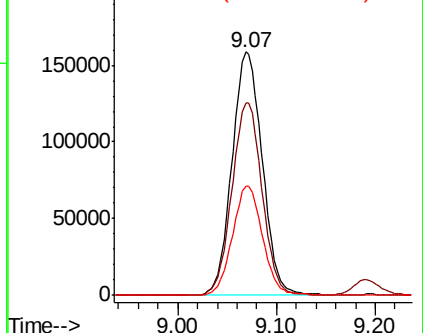
#39
Methylcyclohexane
Concen: 44.165 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 337268
Ion Ratio Lower Upper
83 100
55 79.2 61.6 92.4
98 45.0 34.9 52.3

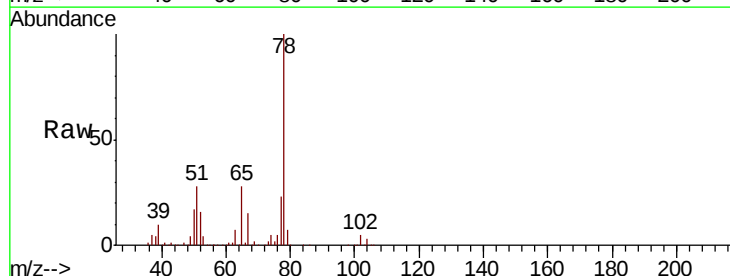


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

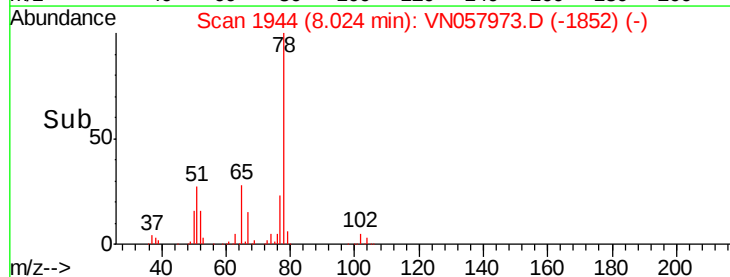
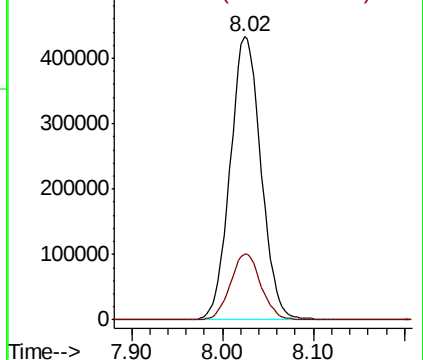


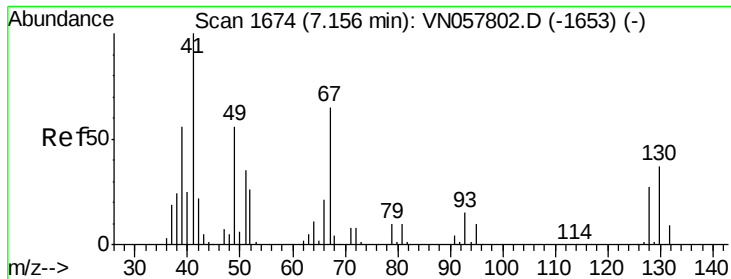
#40
Benzene
Concen: 46.706 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 78 Resp: 1021477
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5



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





#41

Methacrylonitrile

Concen: 52.268 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 178075

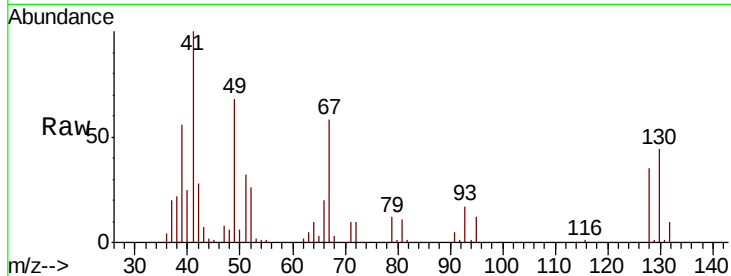
Ion Ratio Lower Upper

41 100

39 58.7 51.0 76.6

67 81.0 70.7 106.1

52 36.3 30.8 46.2

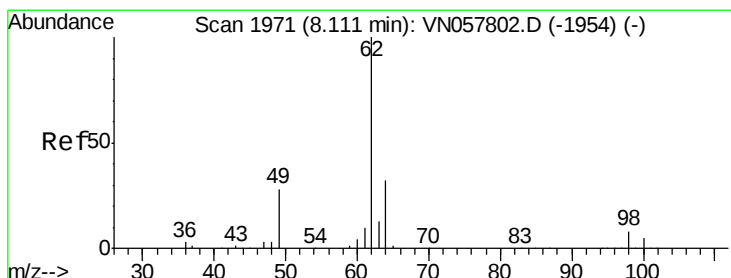
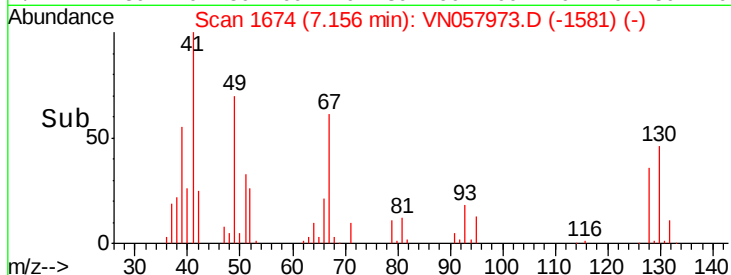
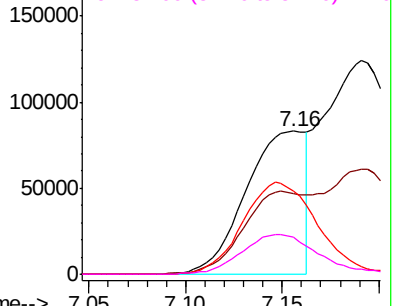


Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-1653) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-1653) (-)

Ion 67.00 (66.70 to 67.70): VN057802.D (-1653) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-1653) (-)



#42

1,2-Dichloroethane

Concen: 47.901 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VN057973.D

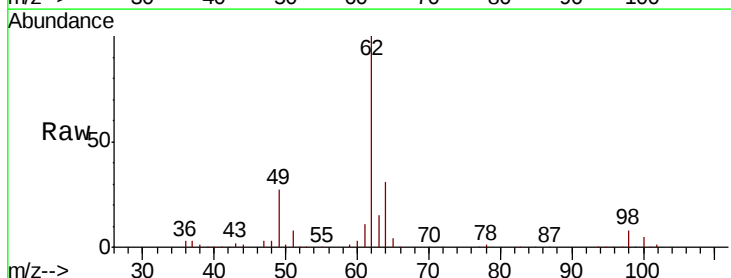
Acq: 12 Sep 2019 16:39

Tgt Ion: 62 Resp: 418978

Ion Ratio Lower Upper

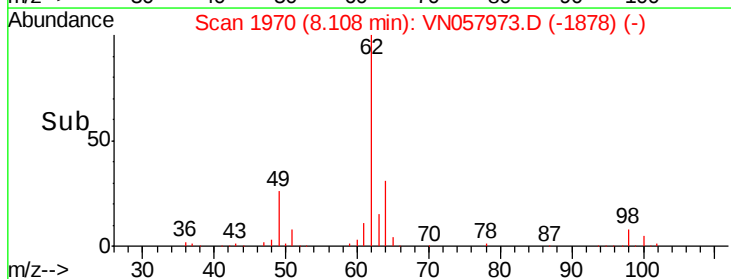
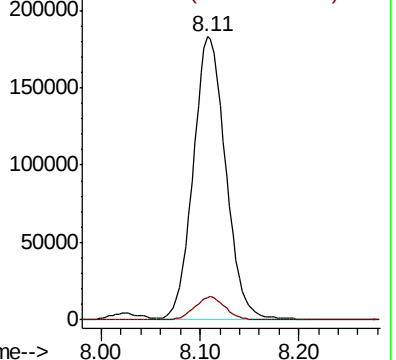
62 100

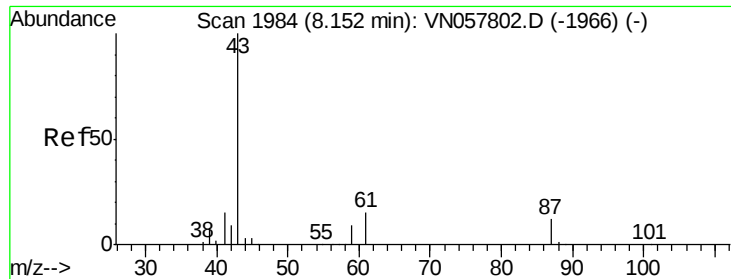
98 7.7 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN057802.D (-1954) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1954) (-)





#43

Isopropyl Acetate

Concen: 49.389 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

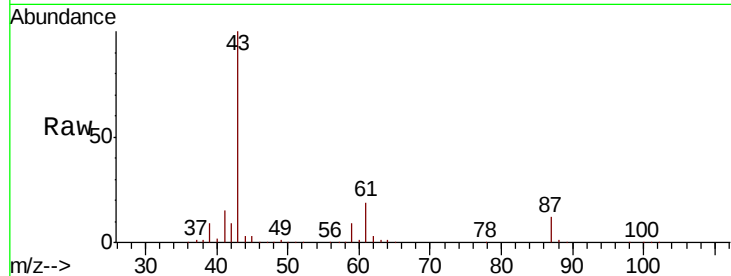
Tgt Ion: 43 Resp: 623368

Ion Ratio Lower Upper

43 100

61 18.7 20.1 30.1#

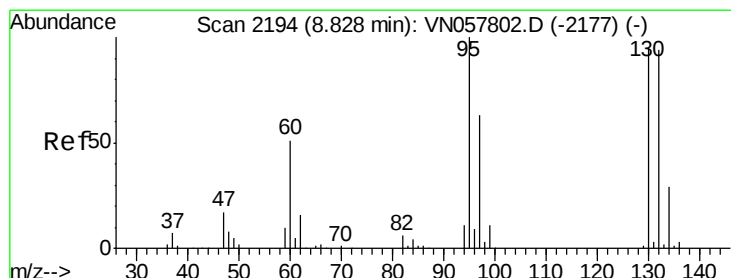
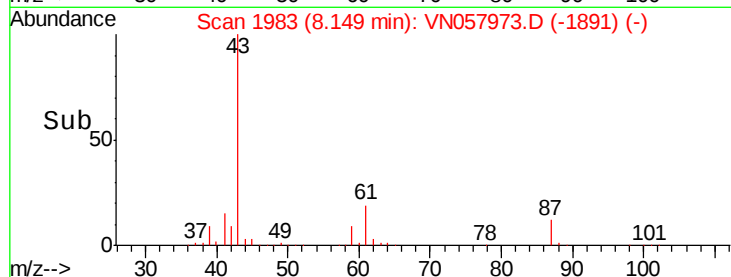
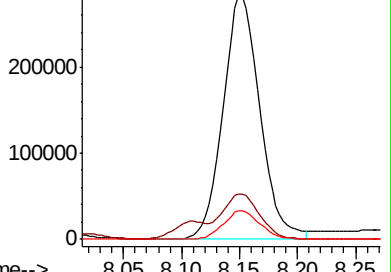
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 45.597 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057973.D

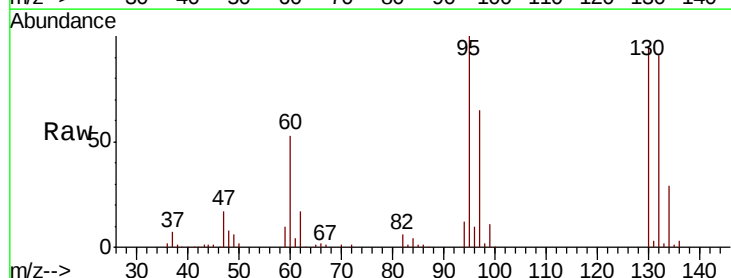
Acq: 12 Sep 2019 16:39

Tgt Ion: 130 Resp: 244589

Ion Ratio Lower Upper

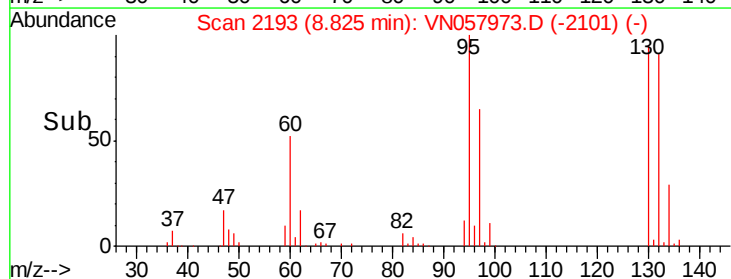
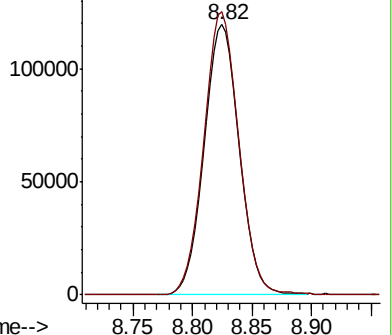
130 100

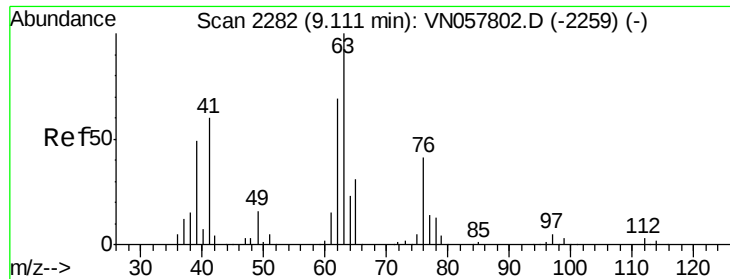
95 104.8 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)





#45

1,2-Dichloropropane

Concen: 47.488 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

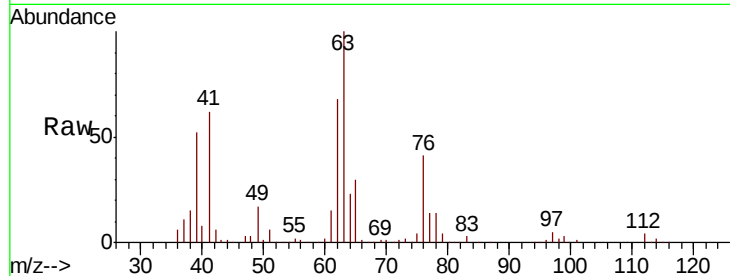
VSTDCCC050

Tgt Ion: 63 Resp: 302213

Ion Ratio Lower Upper

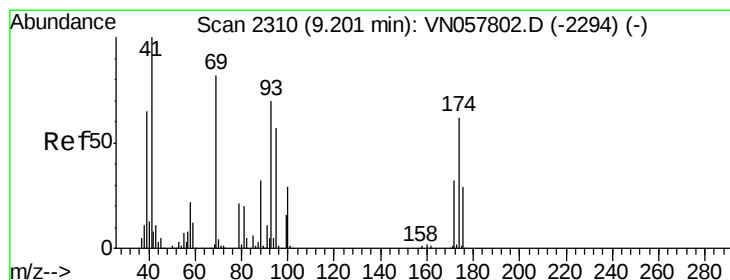
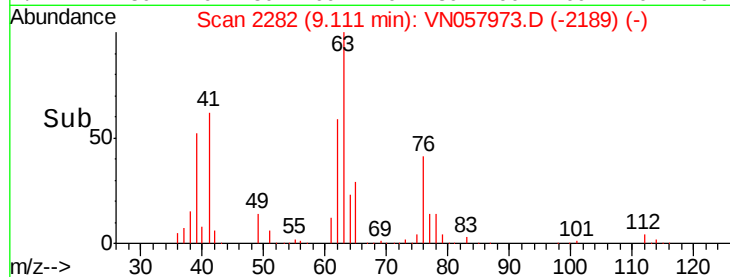
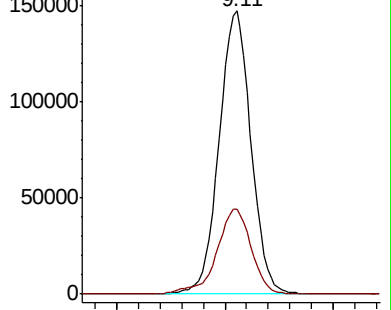
63 100

65 29.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.869 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

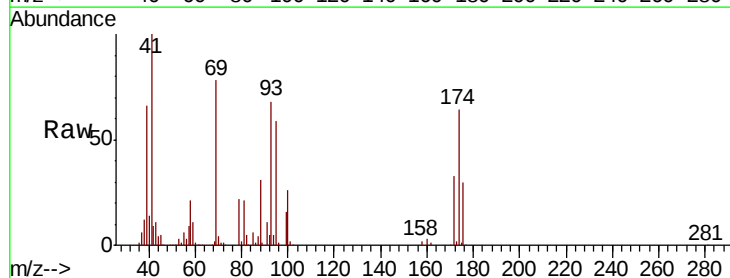
Tgt Ion: 93 Resp: 184087

Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

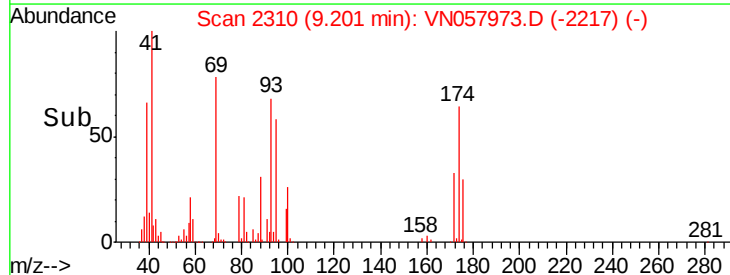
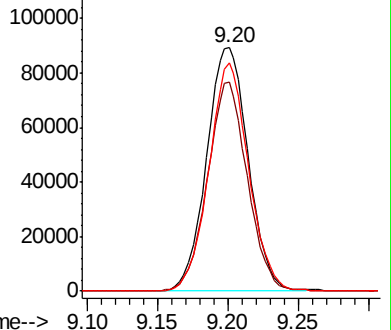
174 89.6 71.8 107.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

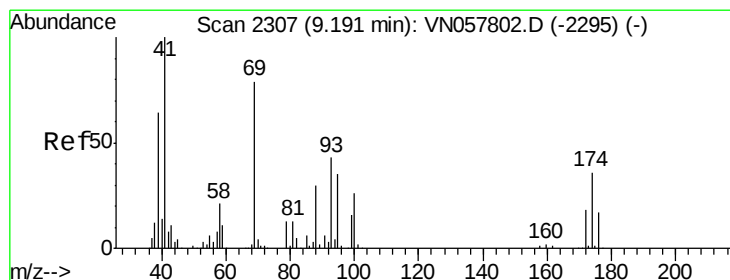
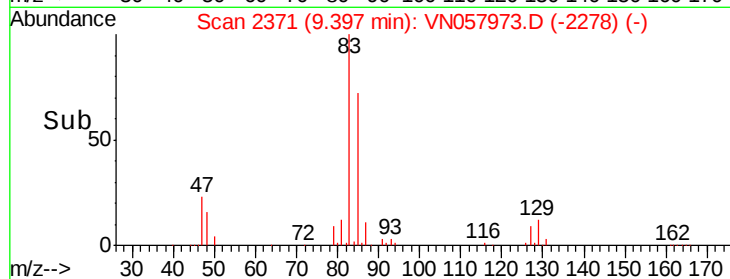
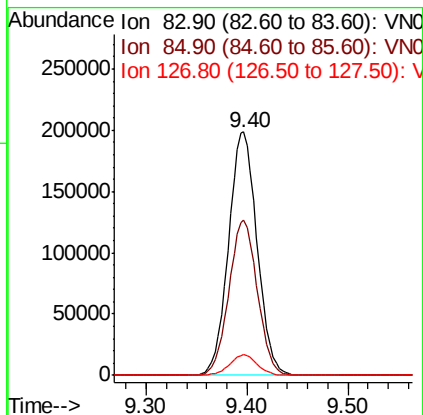
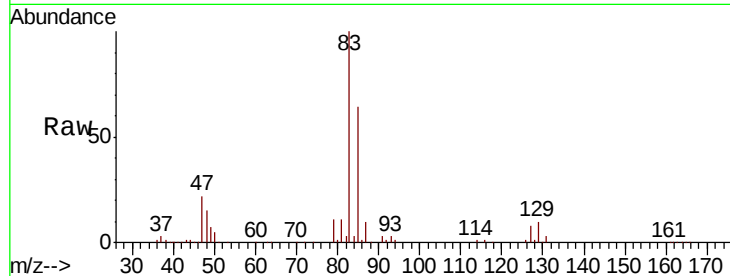




#47
Bromodichloromethane
Concen: 50.844 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

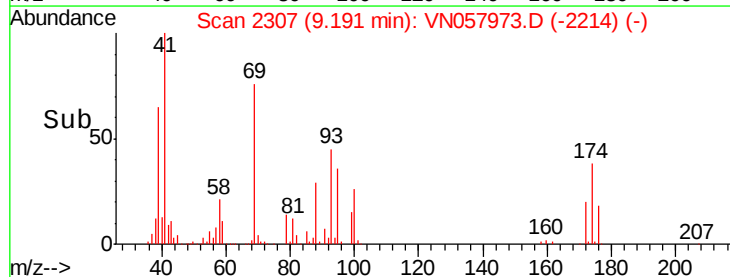
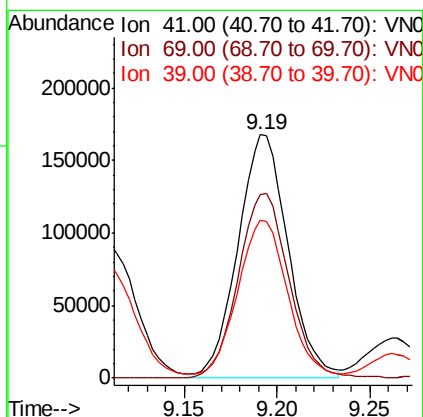
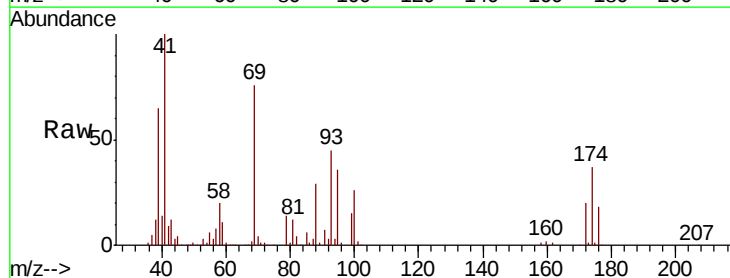
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

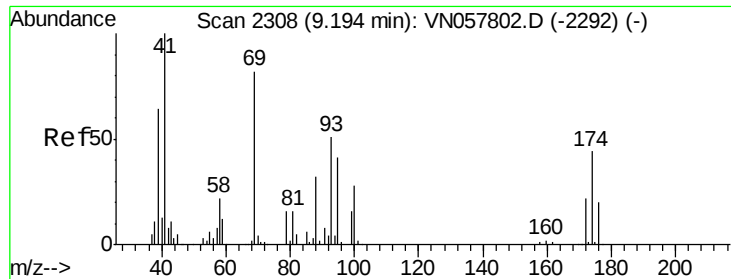
Tgt Ion: 83 Resp: 390445
Ion Ratio Lower Upper
83 100
85 64.0 49.9 74.9
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 48.972 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 41 Resp: 313546
Ion Ratio Lower Upper
41 100
69 76.8 62.7 94.1
39 64.9 52.7 79.1

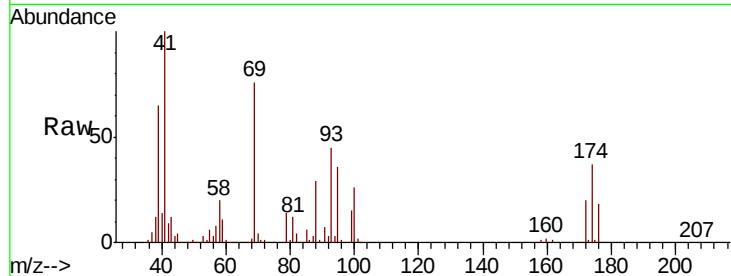




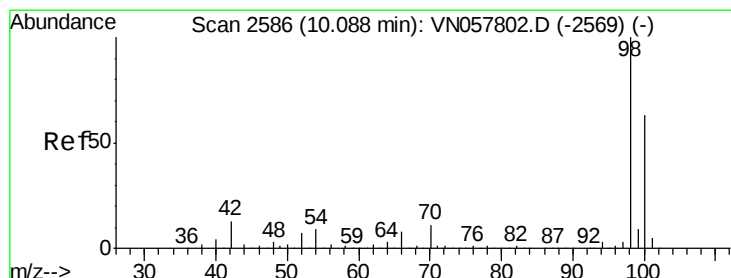
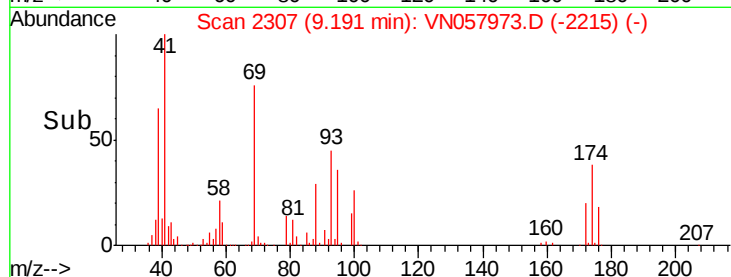
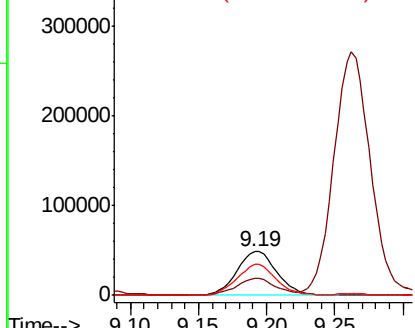
#49
1,4-Dioxane
Concen: 920.012 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 99612
Ion Ratio Lower Upper
88 100
43 36.7 28.5 42.7
58 68.3 55.8 83.6

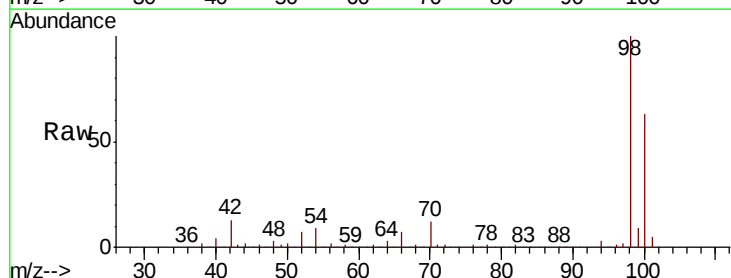


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

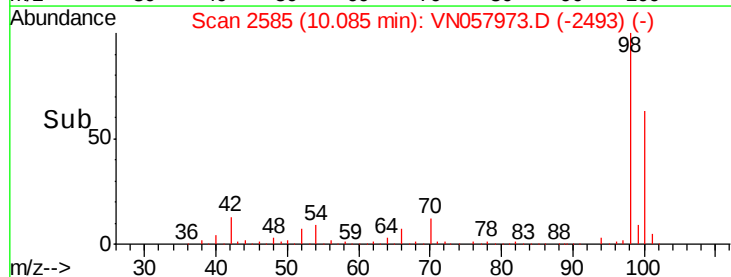
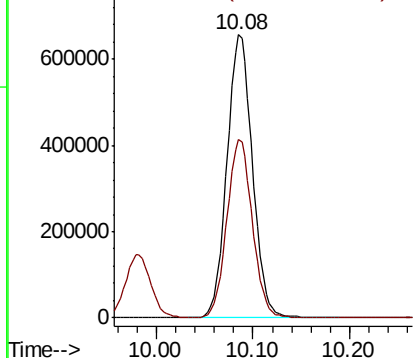


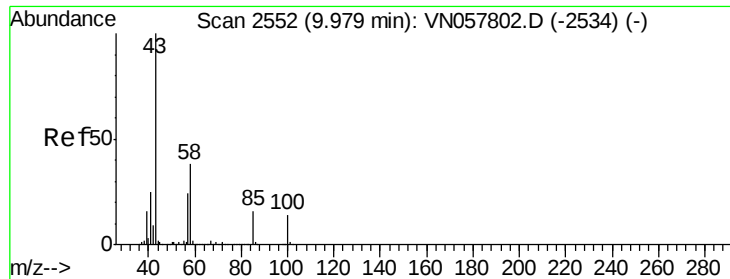
#50
Toluene-d8
Concen: 53.472 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 98 Resp: 1200235
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

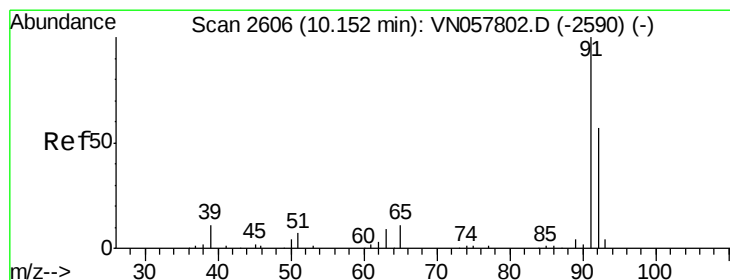
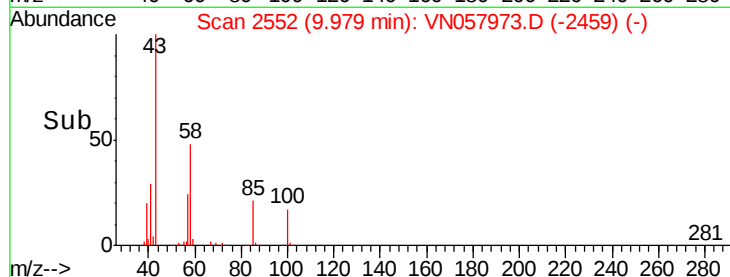
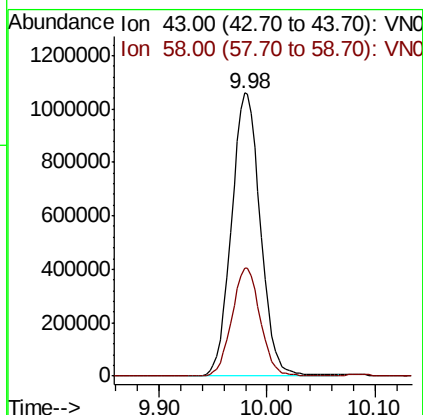
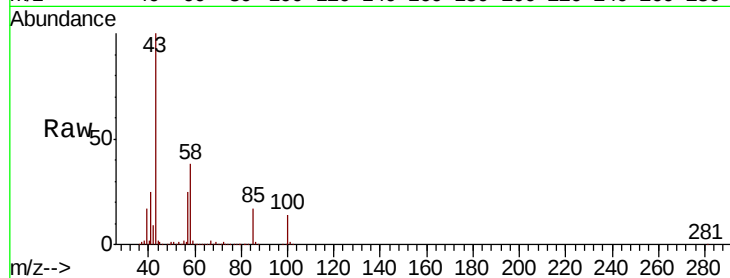




#51
 4-Methyl-2-Pentanone
 Concen: 264.659 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

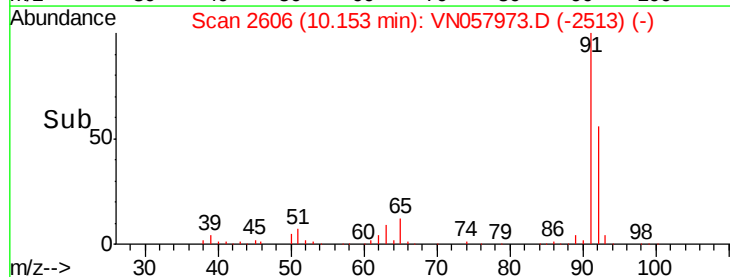
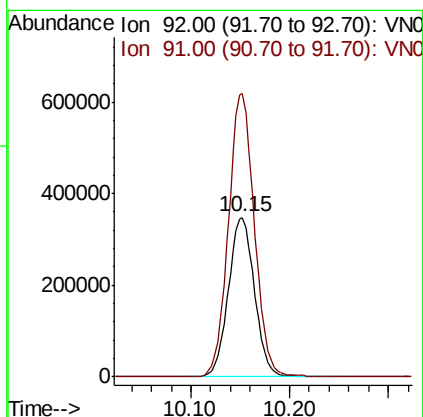
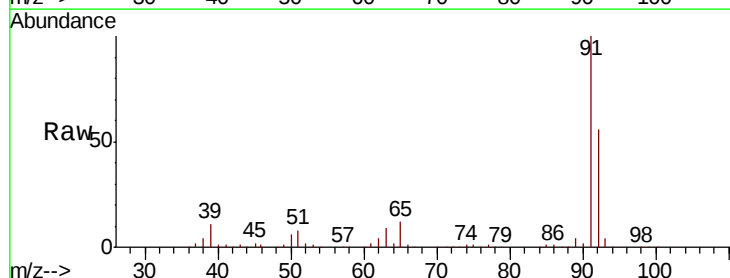
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

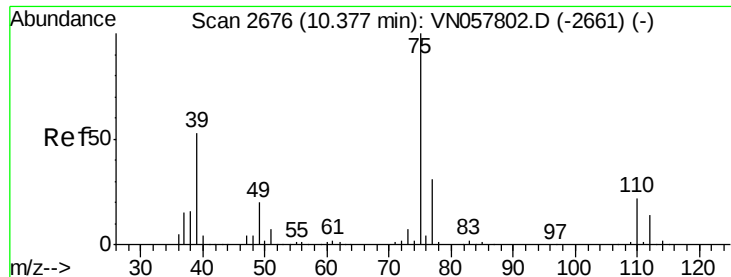
Tgt Ion: 43 Resp: 1976769
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.8 44.6



#52
 Toluene
 Concen: 46.782 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion: 92 Resp: 644413
 Ion Ratio Lower Upper
 92 100
 91 176.6 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 50.970 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

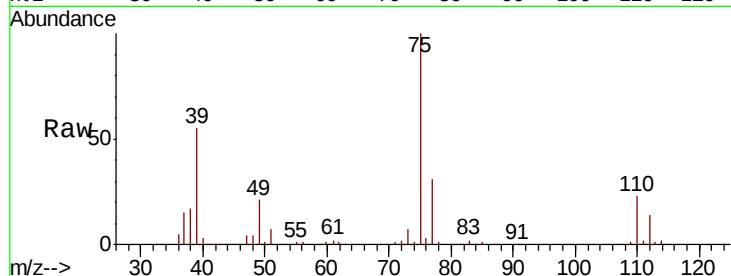
VSTDCCC050

Tgt Ion: 75 Resp: 412181

Ion Ratio Lower Upper

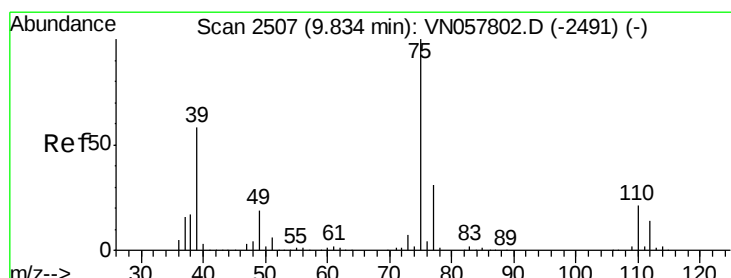
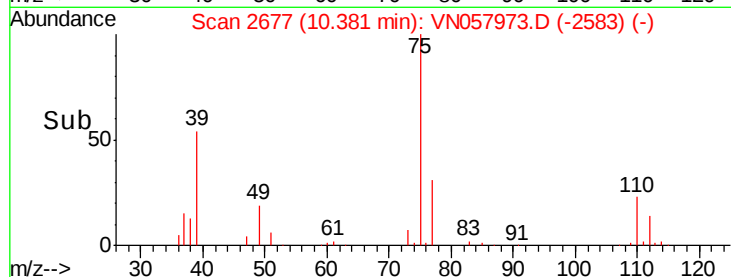
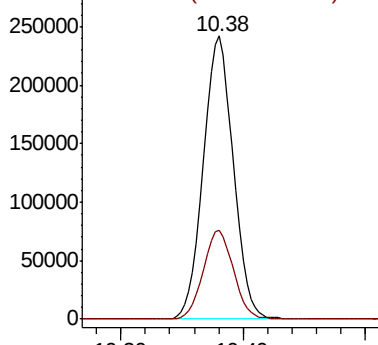
75 100

77 31.5 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.409 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

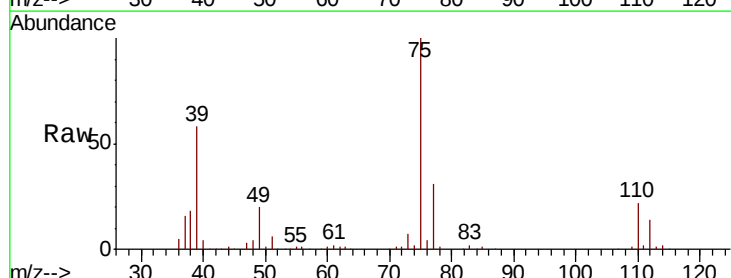
Tgt Ion: 75 Resp: 450066

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

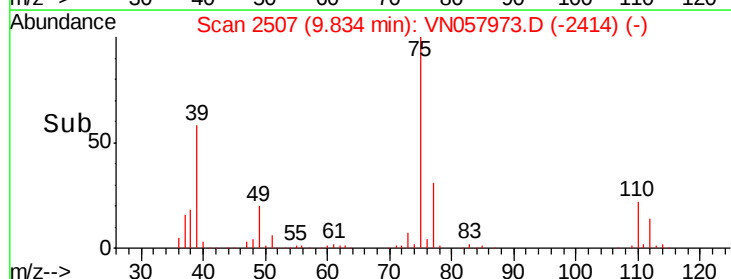
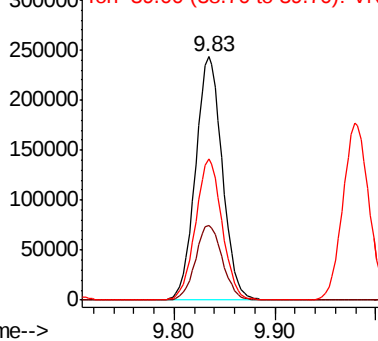
39 58.1 46.2 69.4

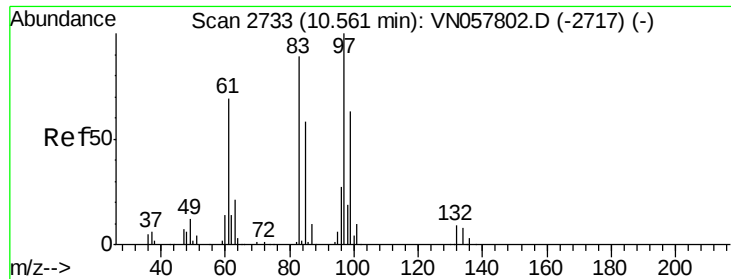


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.901 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 285331

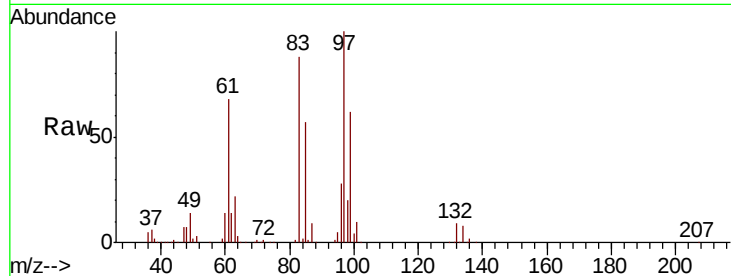
Ion Ratio Lower Upper

97 100

83 88.0 70.8 106.2

85 57.1 46.0 69.0

99 62.2 50.6 76.0

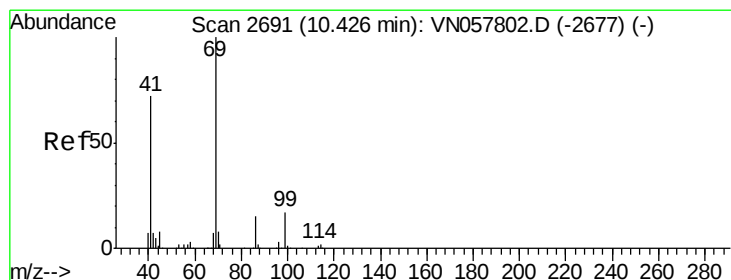
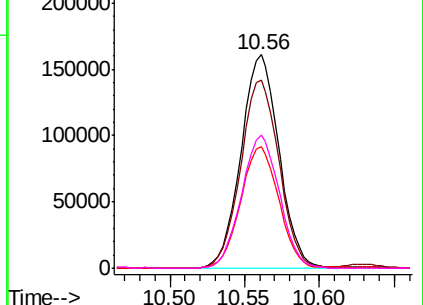
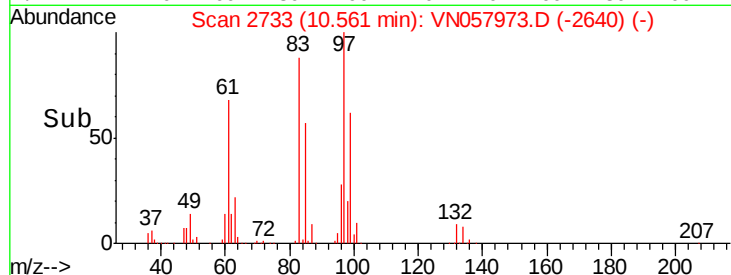


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.553 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

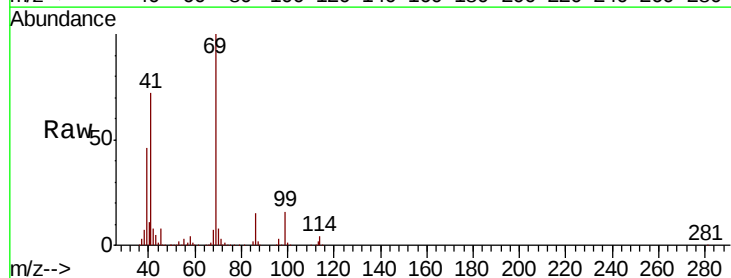
Tgt Ion: 69 Resp: 444196

Ion Ratio Lower Upper

69 100

41 71.4 56.7 85.1

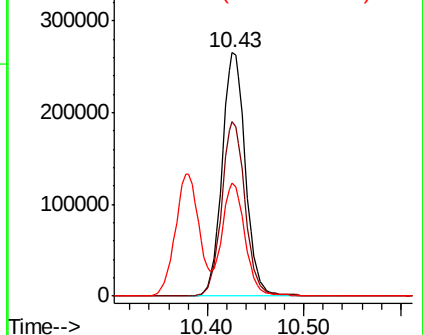
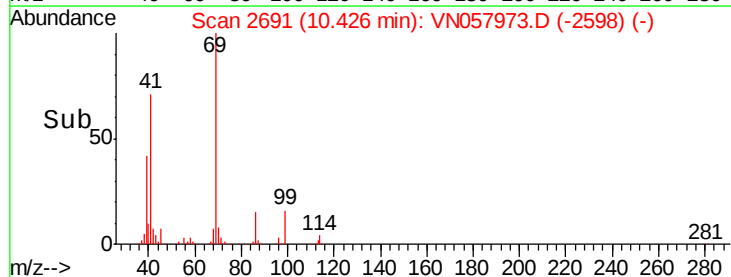
39 45.7 36.3 54.5



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.516 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

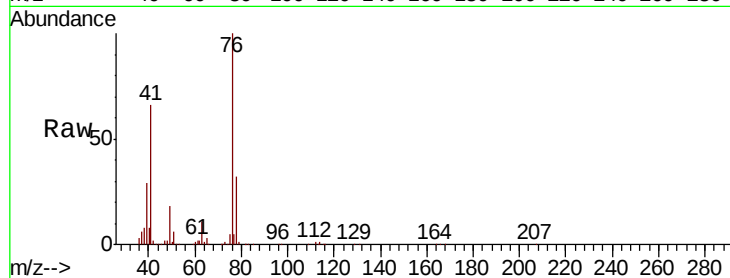
VSTDCCC050

Tgt Ion: 76 Resp: 487861

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN057802.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN057802.D (-2762) (-)

10.71

250000

200000

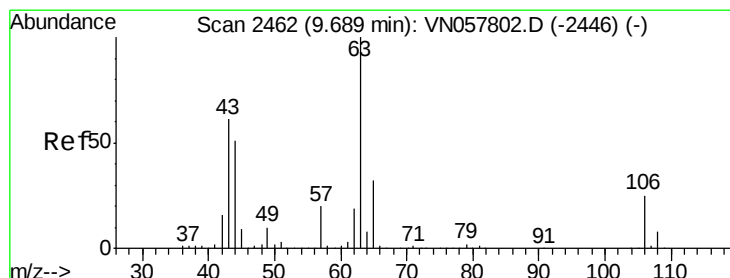
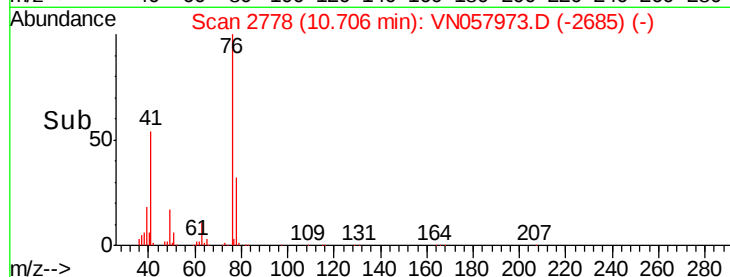
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 202.427 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057973.D

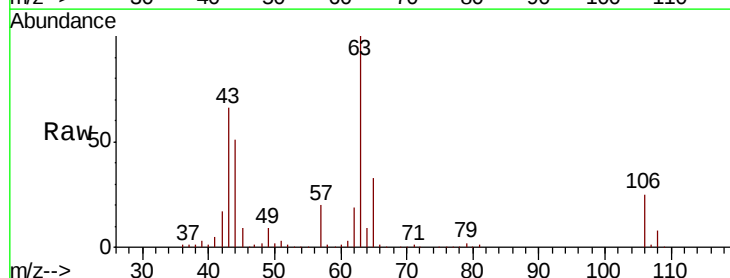
Acq: 12 Sep 2019 16:39

Tgt Ion: 63 Resp: 837736

Ion Ratio Lower Upper

63 100

106 25.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-2446) (-)

Ion 105.90 (105.60 to 106.60): VN057802.D (-2446) (-)

9.69

500000

400000

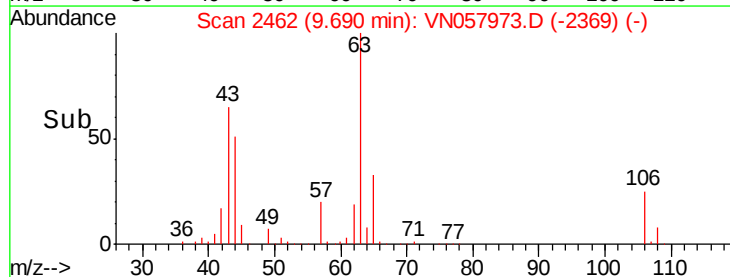
300000

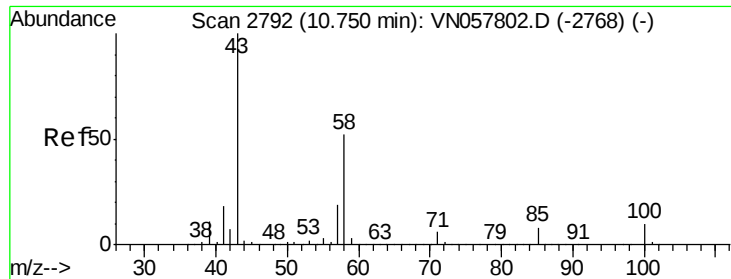
200000

100000

0

Time-->

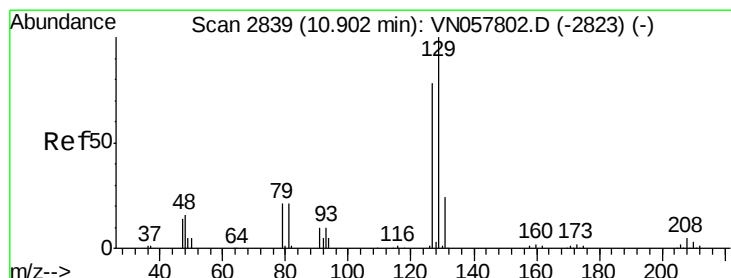
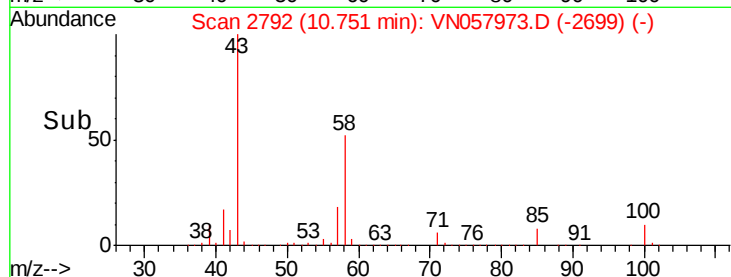
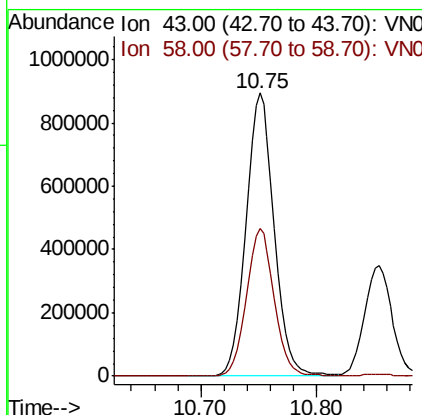
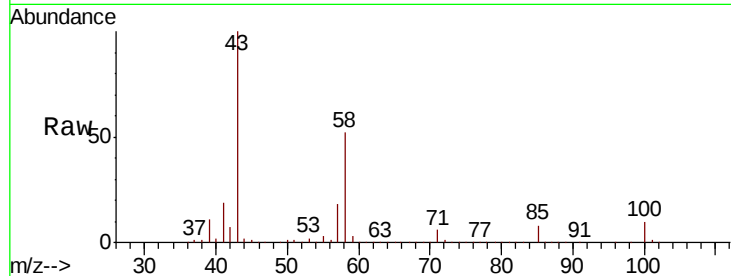




#59
2-Hexanone
Concen: 268.901 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

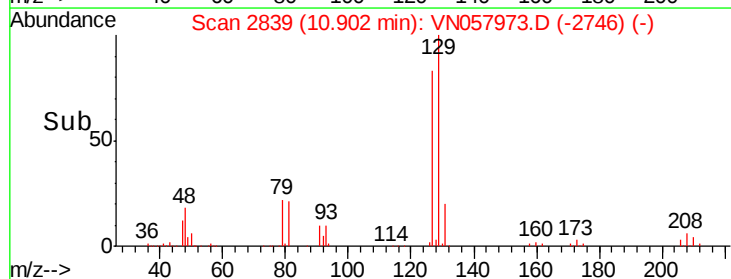
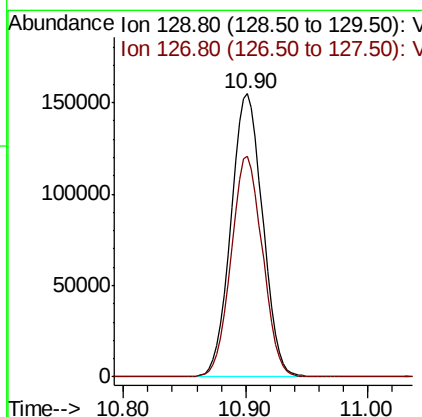
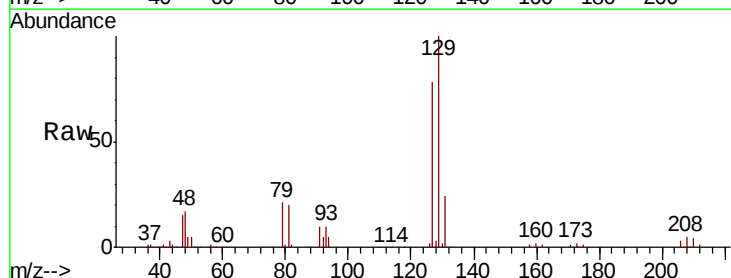
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

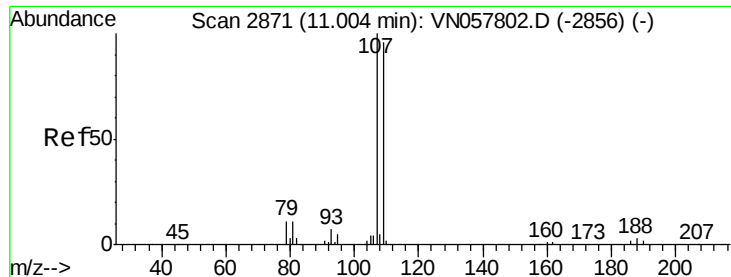
Tgt Ion: 43 Resp: 1505411
Ion Ratio Lower Upper
43 100
58 51.6 25.6 76.8



#60
Dibromochloromethane
Concen: 51.672 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 129 Resp: 279968
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

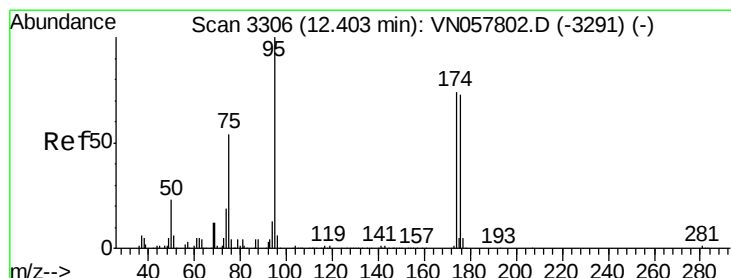
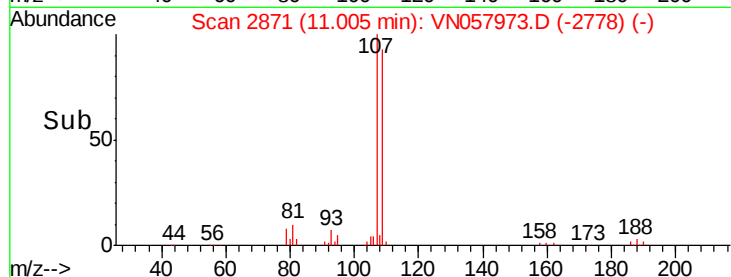
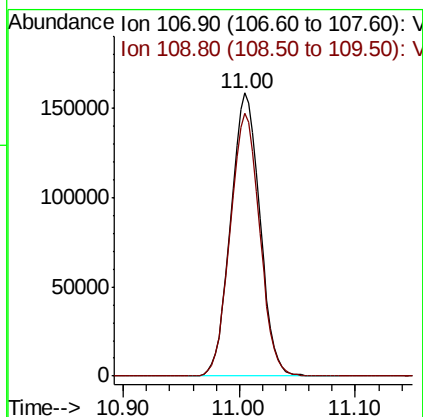
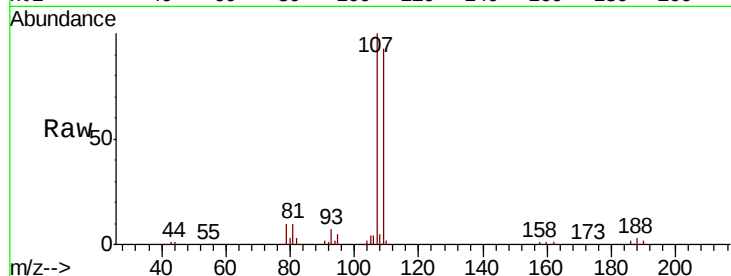




#61
 1,2-Dibromoethane
 Concen: 49.886 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

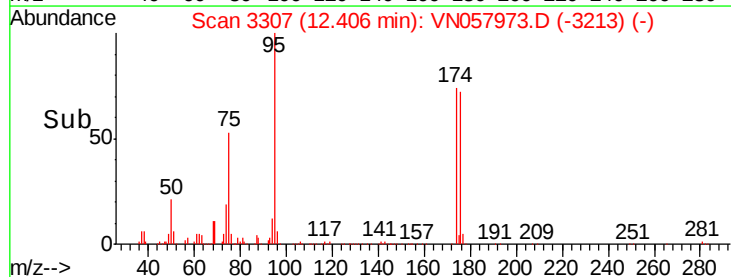
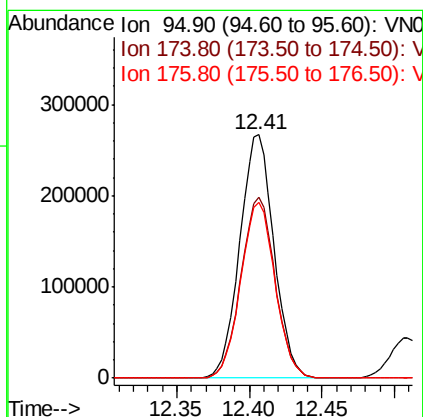
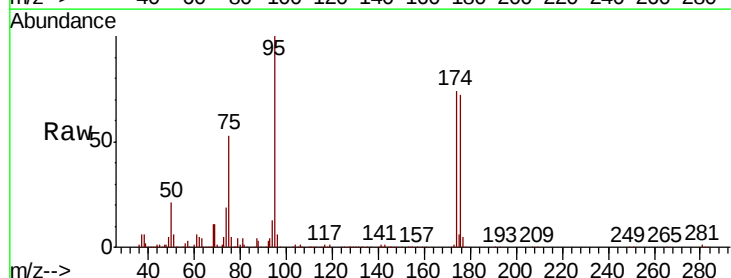
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

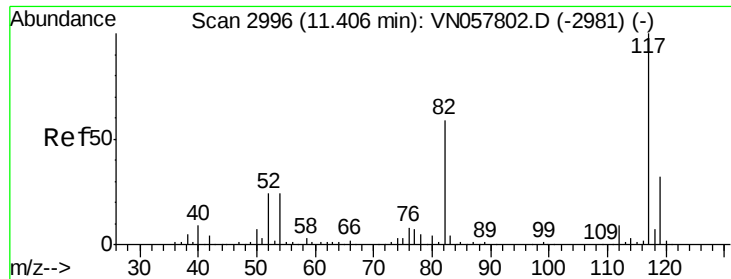
Tgt Ion: 107 Resp: 275188
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.173 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion: 95 Resp: 437722
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 150.2
 176 72.6 0.0 146.0

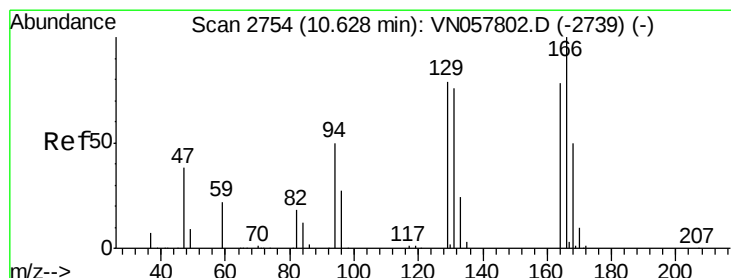
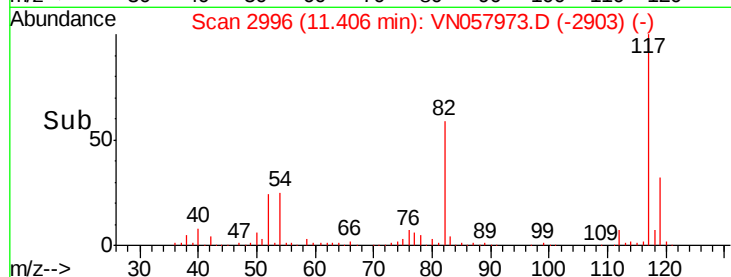
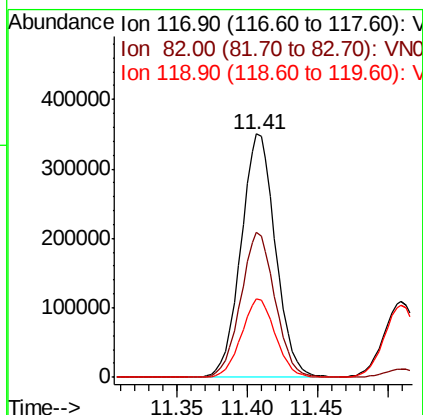
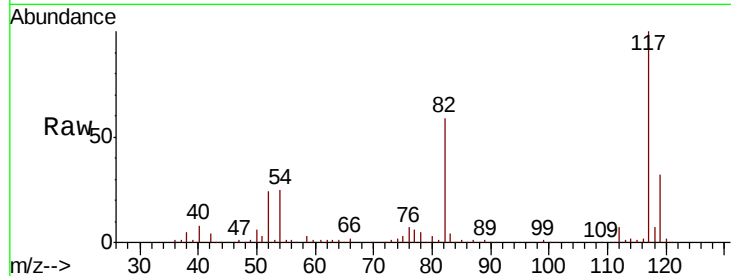




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

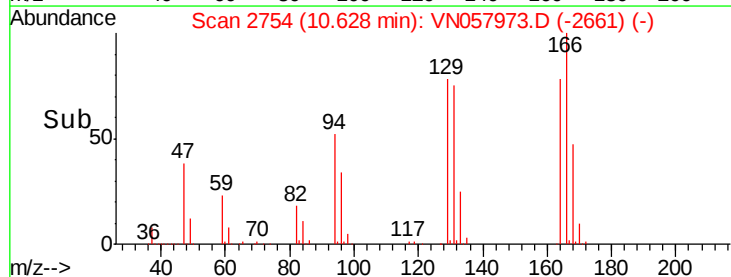
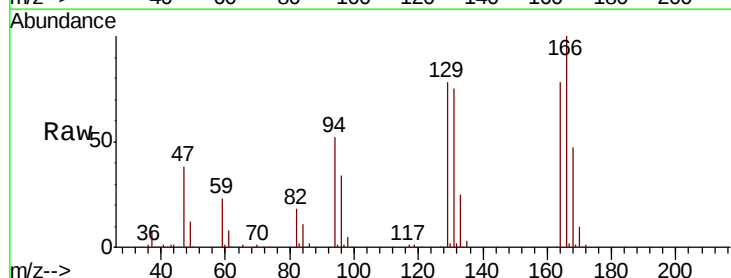
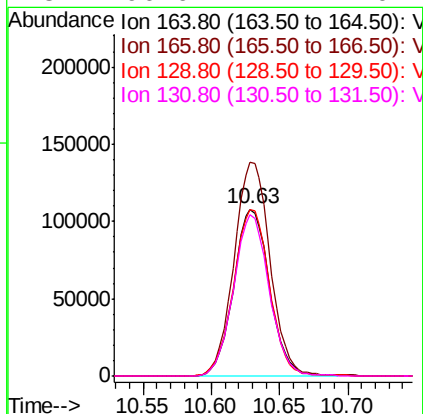
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

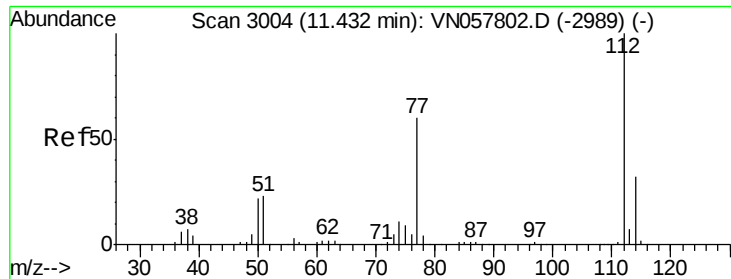
Tgt Ion:117 Resp: 599964
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 44.426 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion:164 Resp: 196798
Ion Ratio Lower Upper
164 100
166 128.2 102.2 153.2
129 100.1 80.8 121.2
131 96.6 77.4 116.2

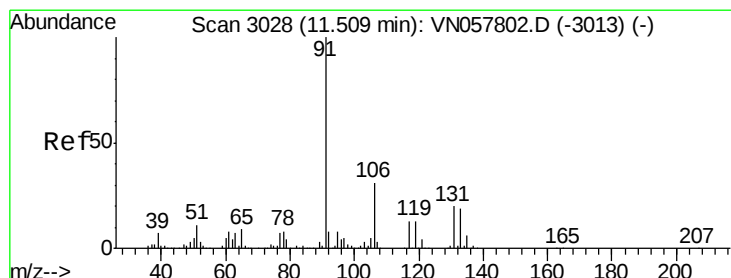
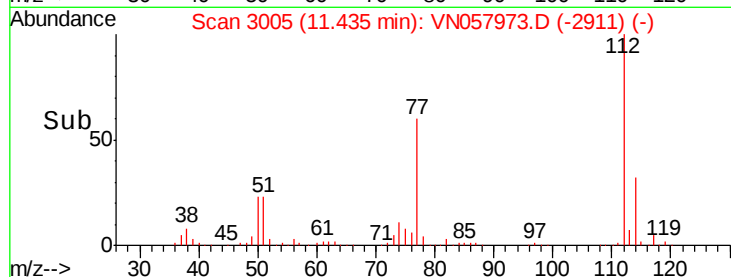
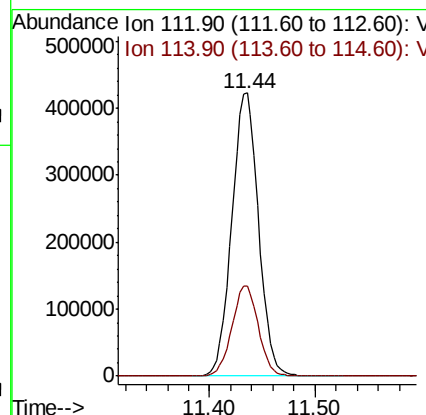
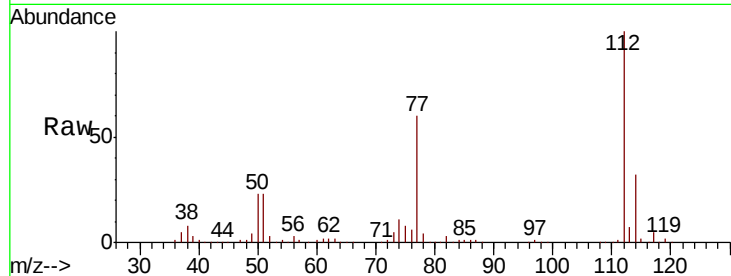




#65
Chlorobenzene
Concen: 46.945 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

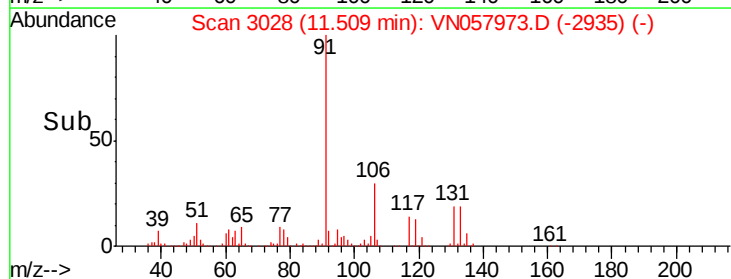
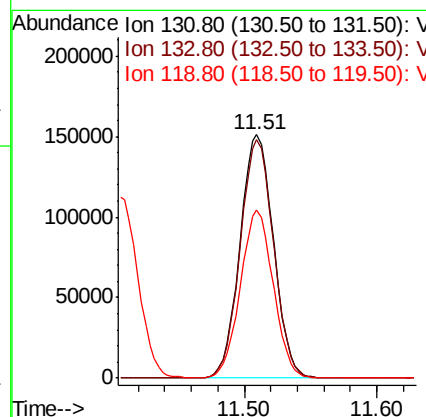
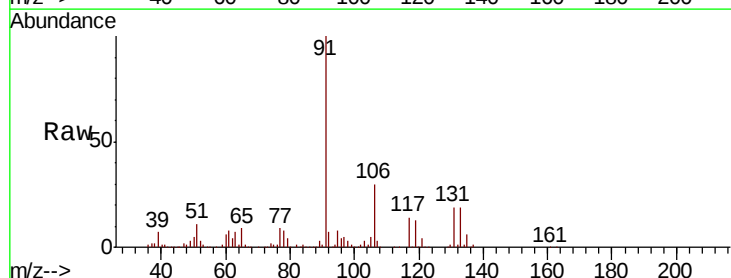
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

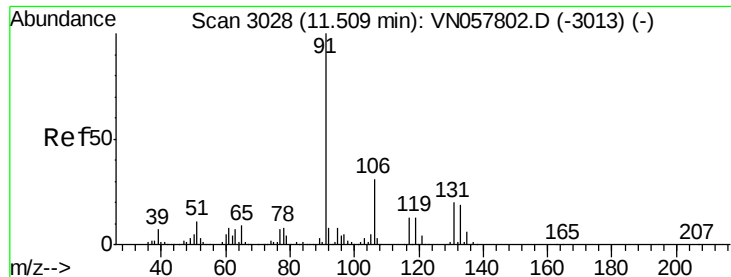
Tgt Ion:112 Resp: 737110
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.613 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion:131 Resp: 264861
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.3
119 67.9 33.3 99.8

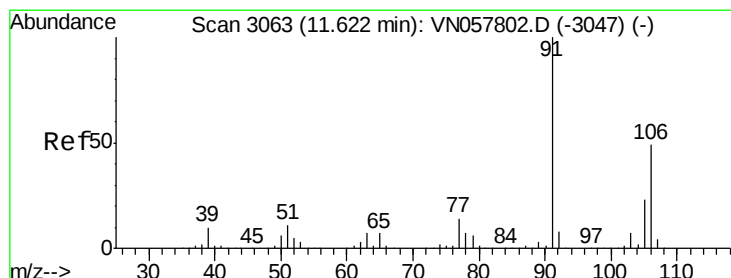
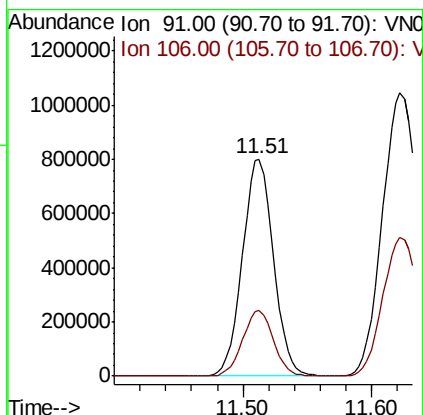
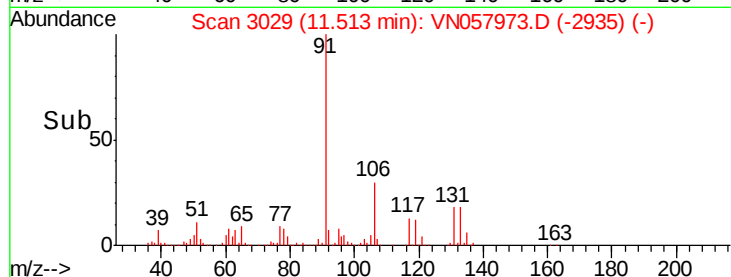
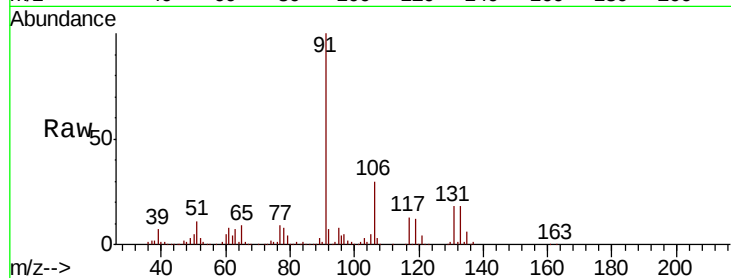




#67
Ethyl Benzene
Concen: 48.789 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

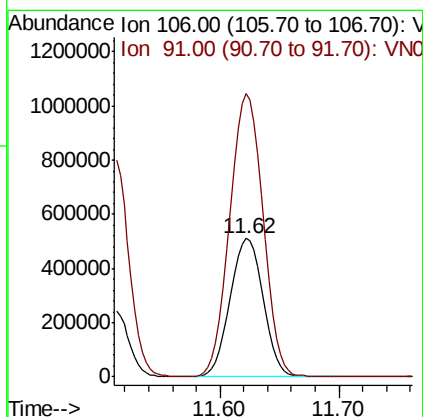
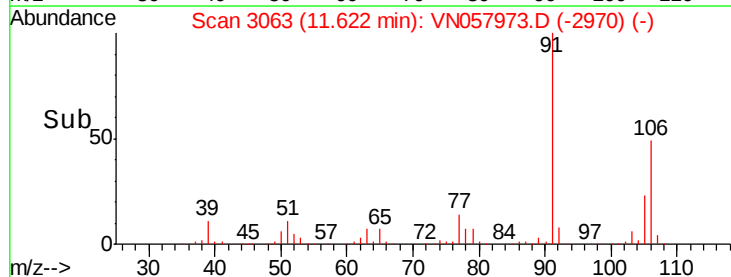
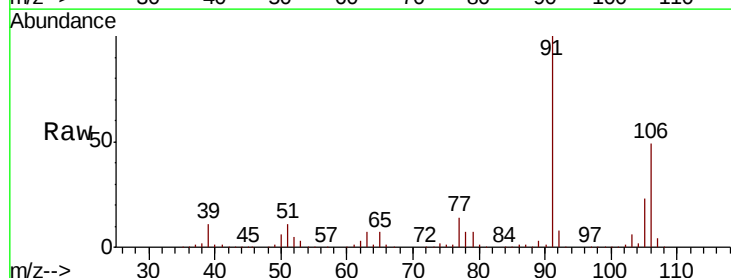
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

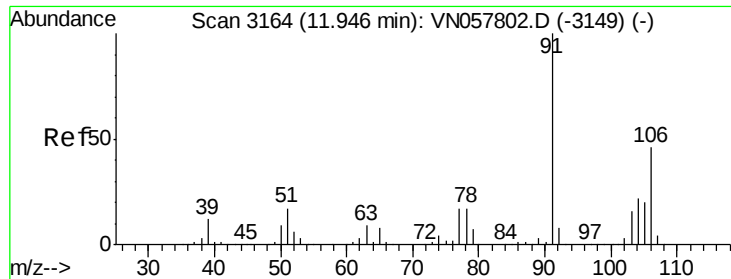
Tgt Ion: 91 Resp: 1342538
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 97.867 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 106 Resp: 986461
Ion Ratio Lower Upper
106 100
91 206.0 165.8 248.6

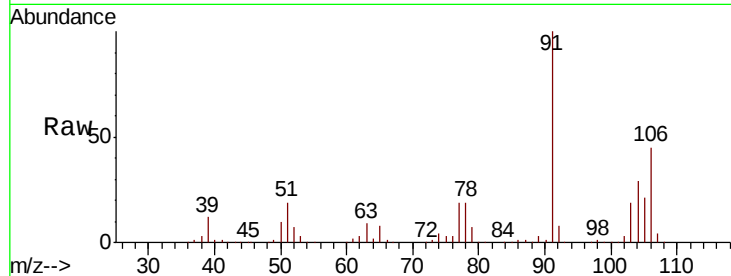




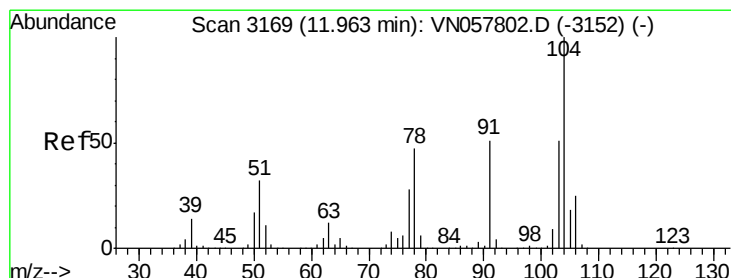
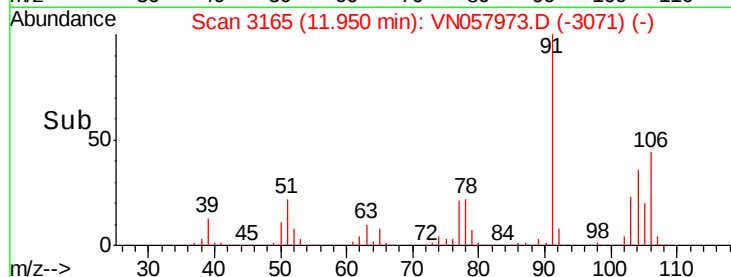
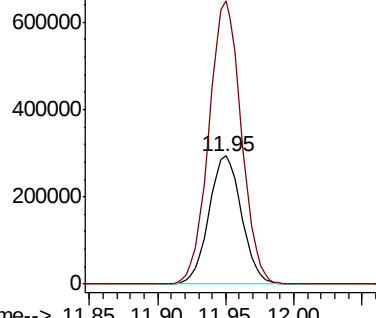
#69
o-Xylene
Concen: 48.692 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 487924
Ion Ratio Lower Upper
106 100
91 219.2 108.7 326.1

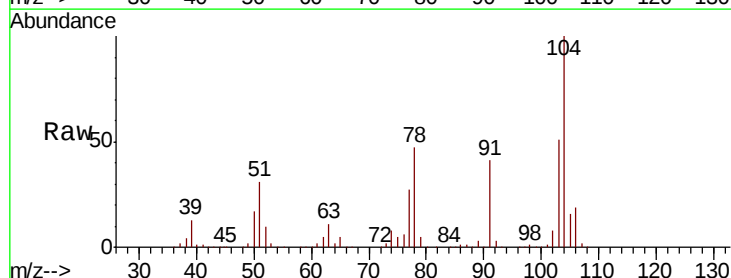


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

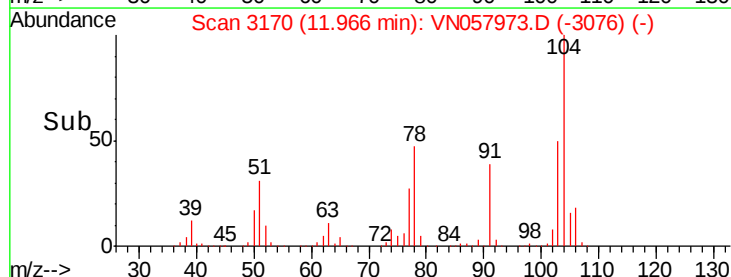
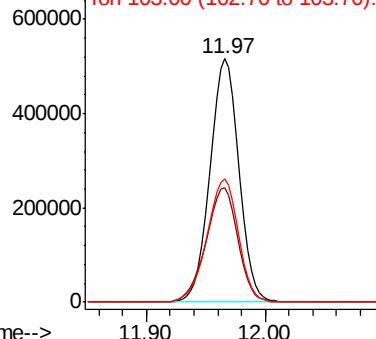


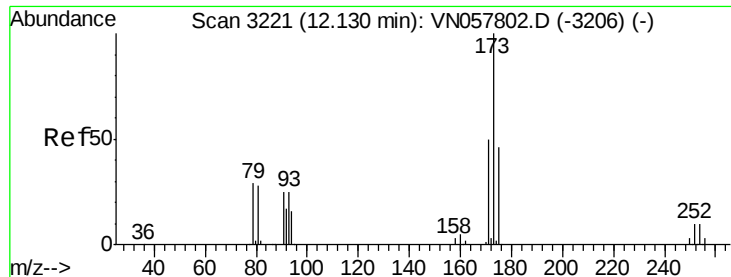
#70
Styrene
Concen: 50.468 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion:104 Resp: 870347
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.7 43.7 65.5



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

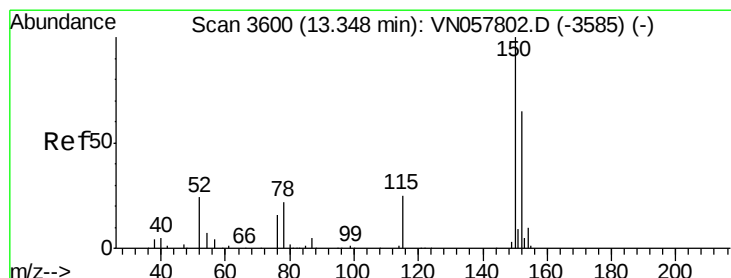
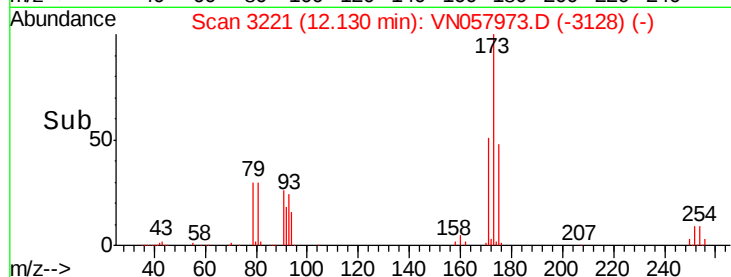
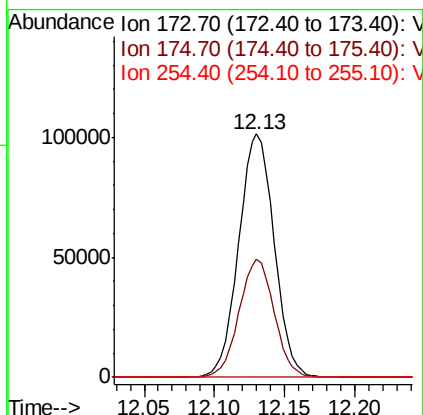
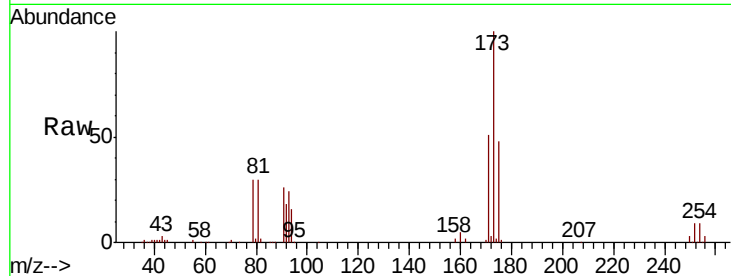




#71
Bromoform
Concen: 52.593 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

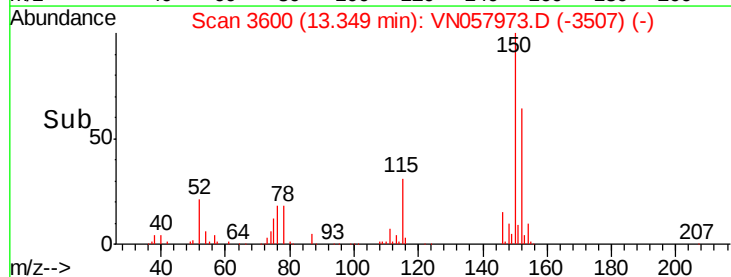
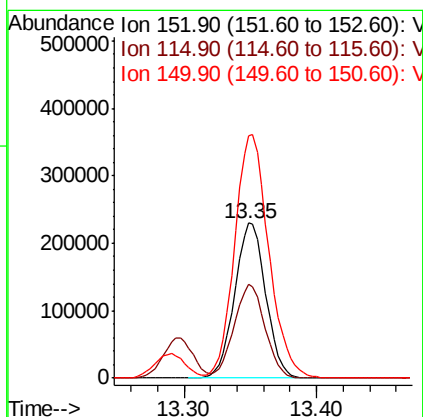
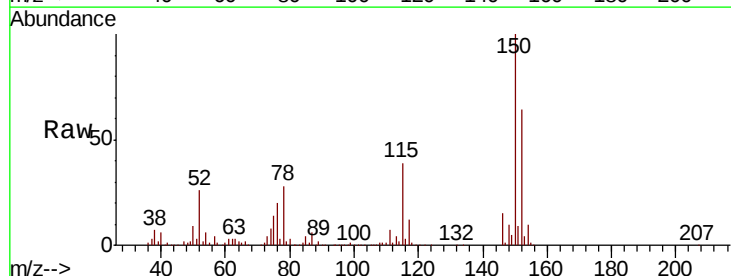
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

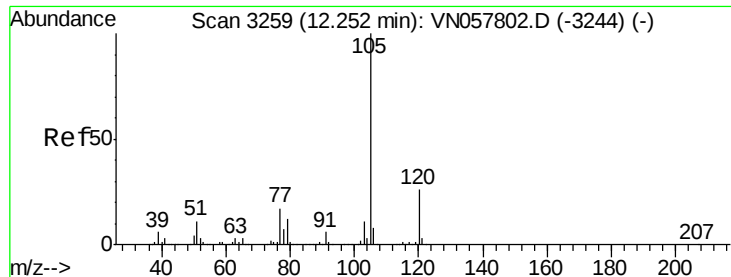
Tgt Ion:173 Resp: 178650
Ion Ratio Lower Upper
173 100
175 47.9 23.5 70.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion:152 Resp: 372978
Ion Ratio Lower Upper
152 100
115 60.2 30.3 91.0
150 172.7 0.0 352.4





#73

Isopropylbenzene

Concen: 47.688 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

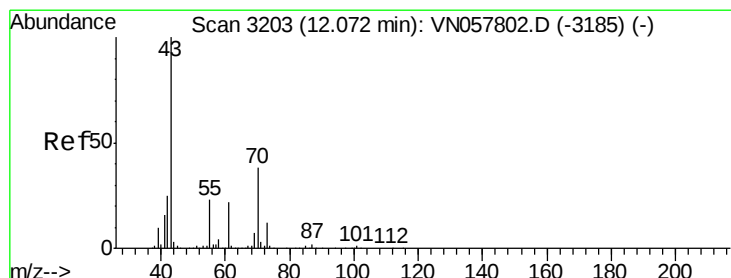
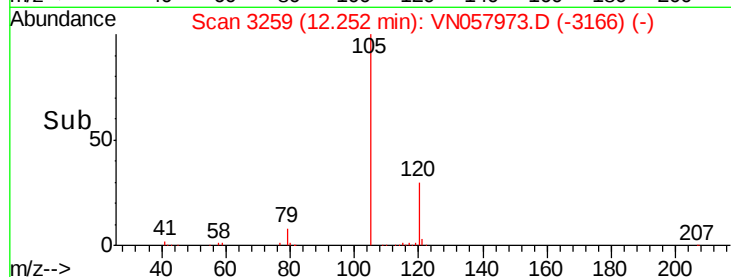
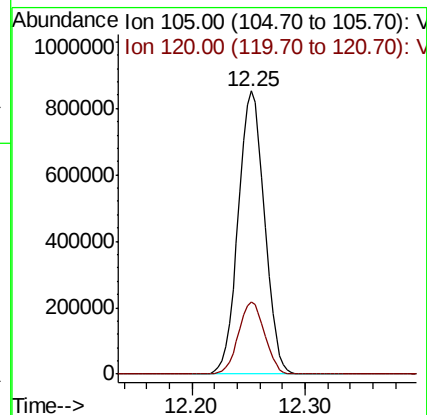
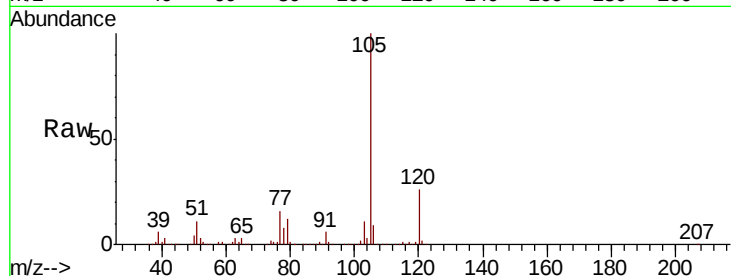
VSTDCCC050

Tgt Ion:105 Resp: 1380170

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



#74

N-ethyl acetate

Concen: 48.277 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Tgt Ion: 43 Resp: 608072

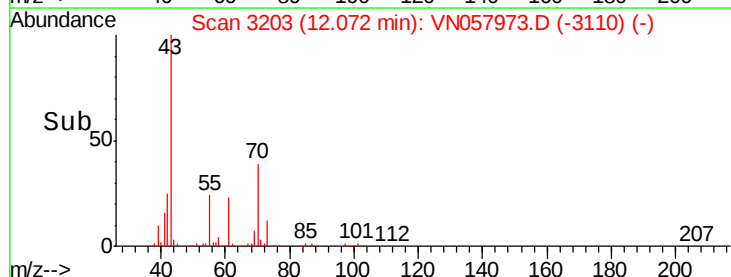
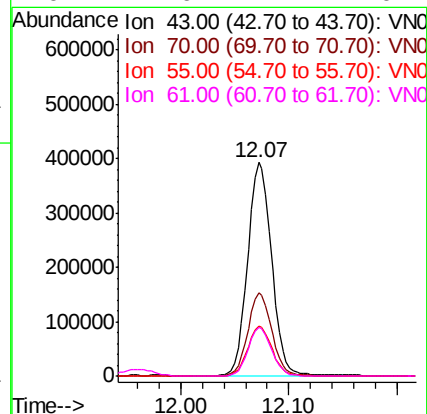
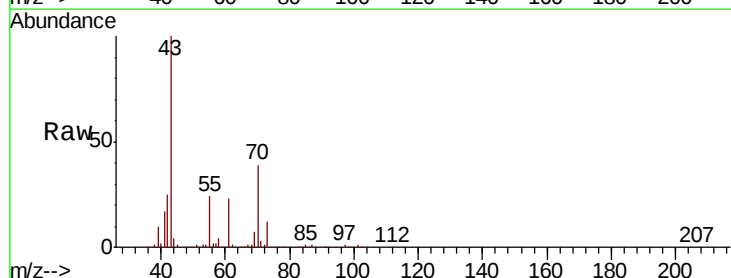
Ion Ratio Lower Upper

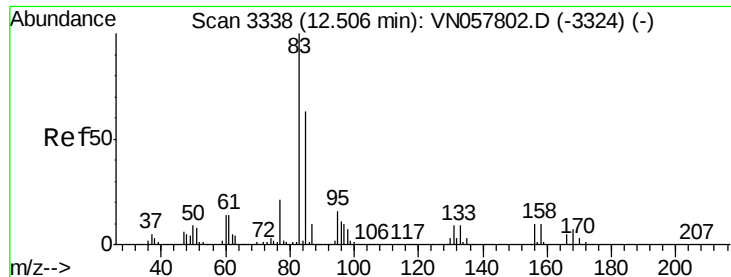
43 100

70 38.8 30.6 45.8

55 23.8 18.6 27.8

61 22.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.171 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

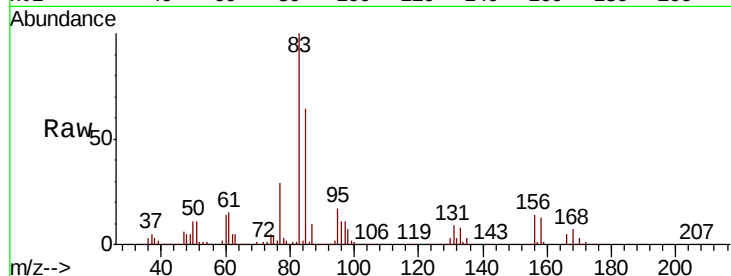
Tgt Ion: 83 Resp: 449920

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

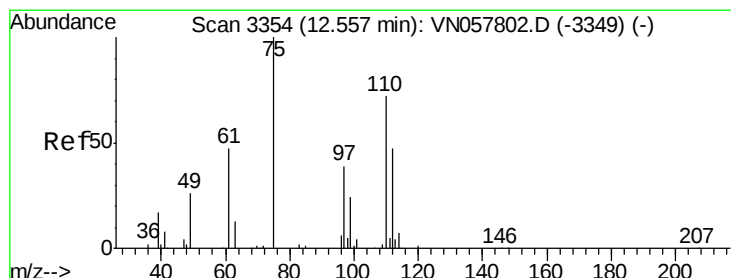
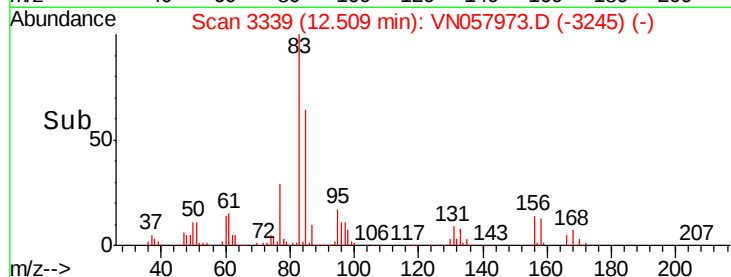
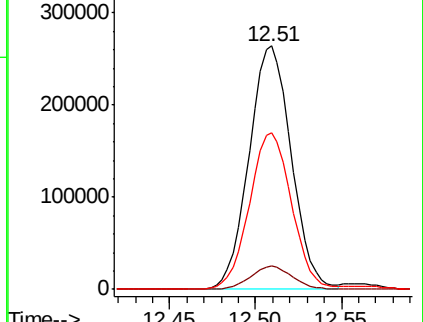
85 63.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 65.532 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057973.D

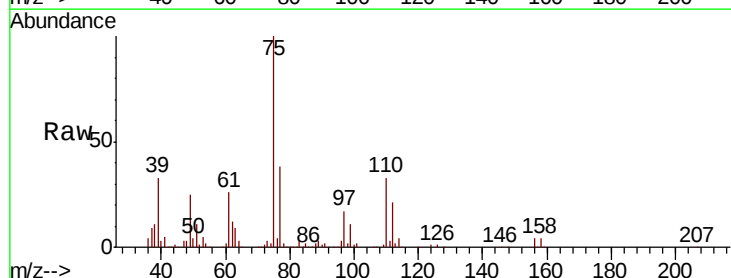
Acq: 12 Sep 2019 16:39

Tgt Ion: 75 Resp: 552916

Ion Ratio Lower Upper

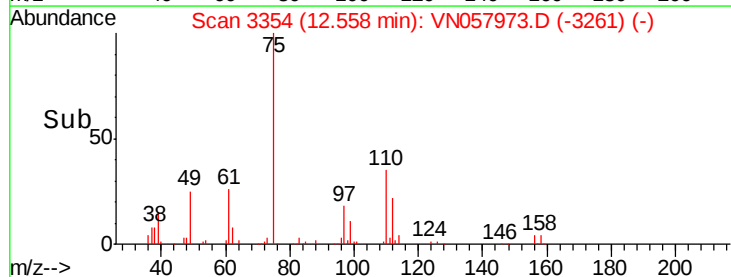
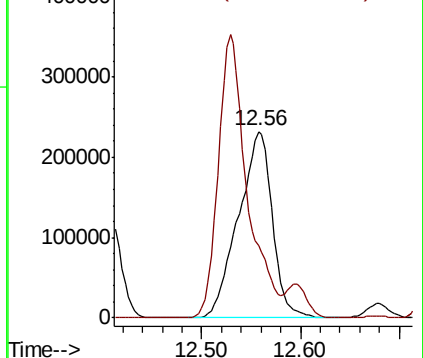
75 100

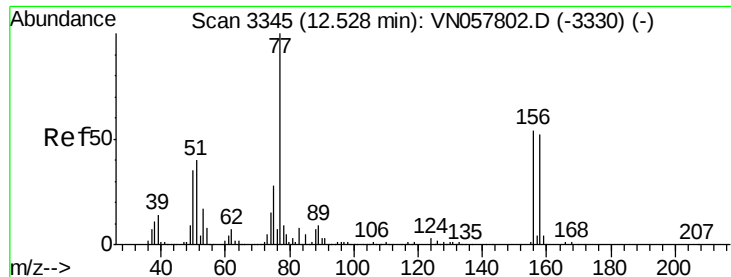
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.211 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

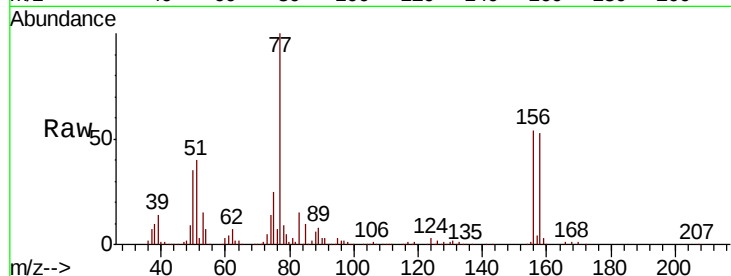
Tgt Ion:156 Resp: 319022

Ion Ratio Lower Upper

156 100

77 226.4 113.7 341.1

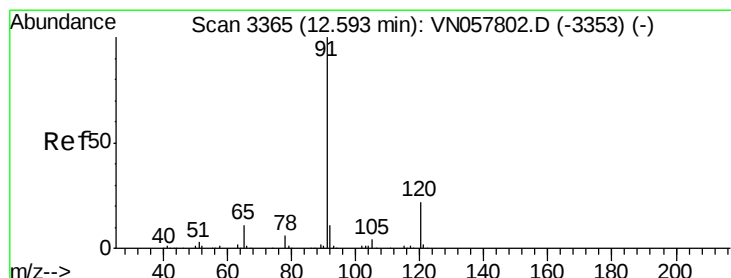
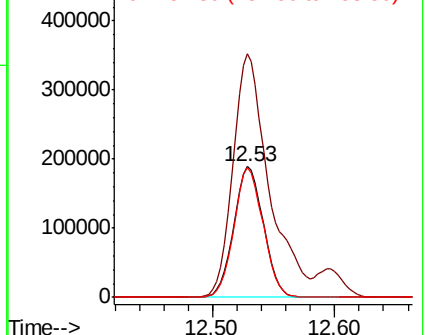
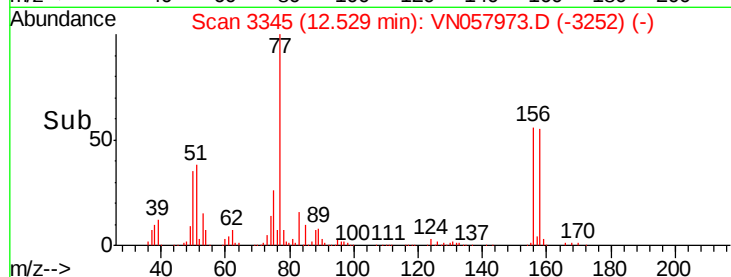
158 97.4 48.5 145.6



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: 48.414 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057973.D

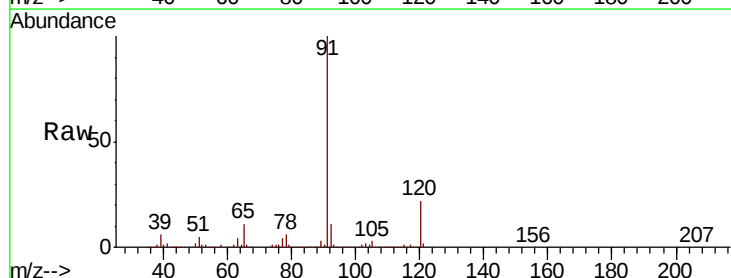
Acq: 12 Sep 2019 16:39

Tgt Ion: 91 Resp: 1609015

Ion Ratio Lower Upper

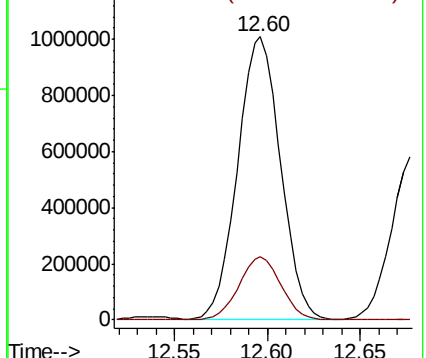
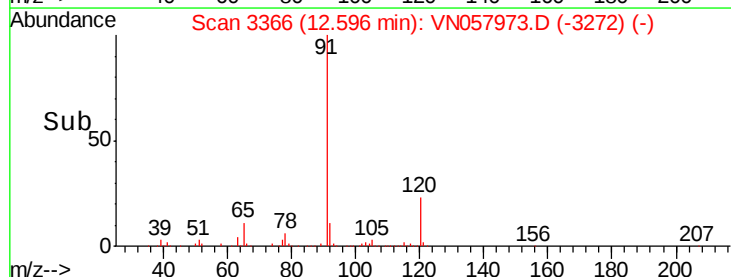
91 100

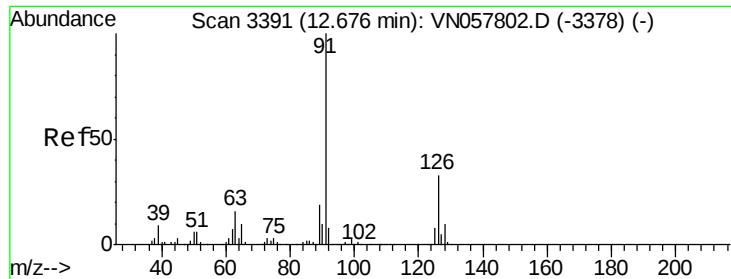
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.996 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

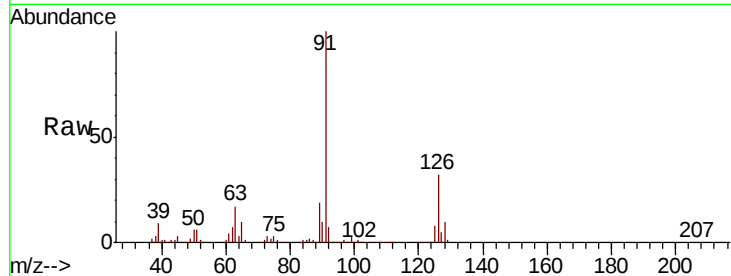
VSTDCCC050

Tgt Ion: 91 Resp: 966158

Ion Ratio Lower Upper

91 100

126 31.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN057802.D (-3378) (-)

800000

600000

400000

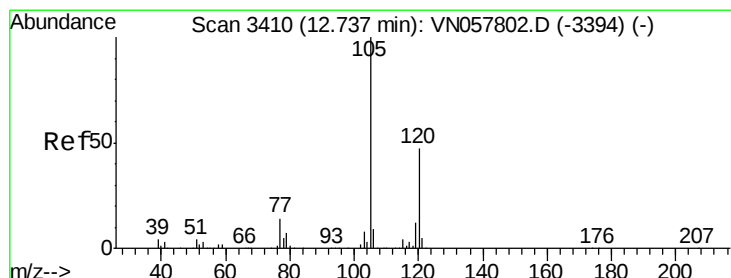
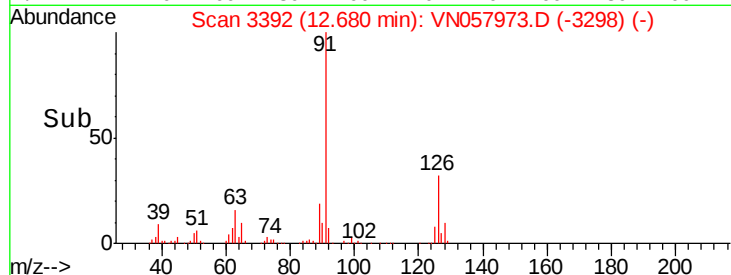
200000

0

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.635 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057973.D

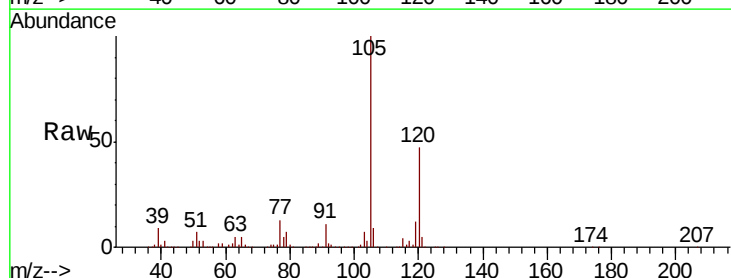
Acq: 12 Sep 2019 16:39

Tgt Ion: 105 Resp: 1189325

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN057802.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN057802.D (-3394) (-)

800000

600000

400000

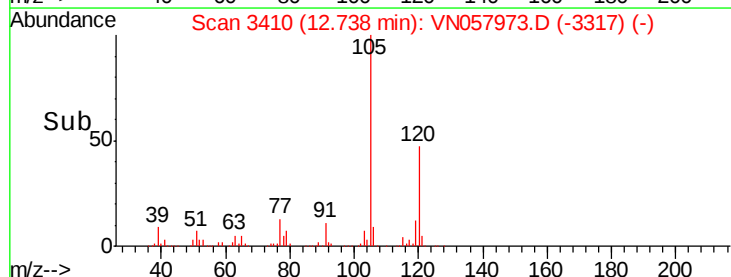
200000

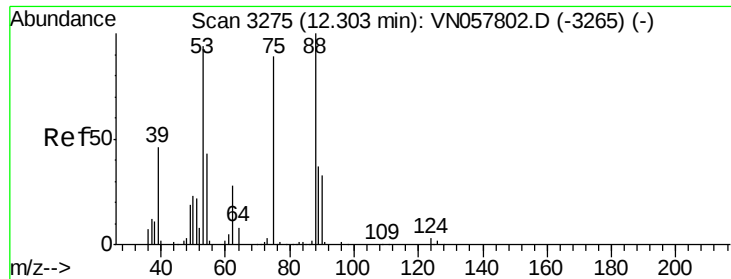
0

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.501 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

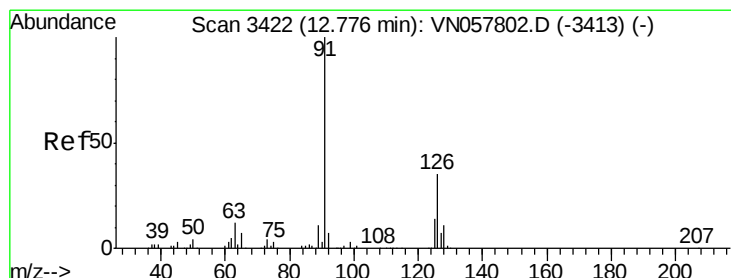
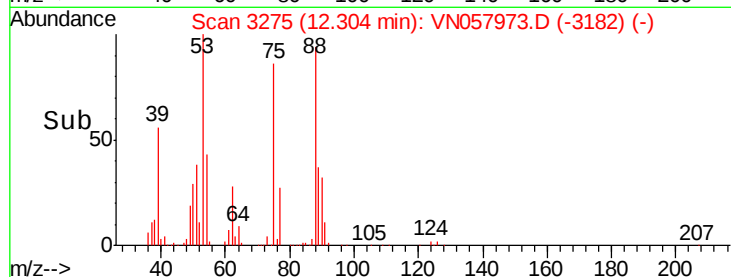
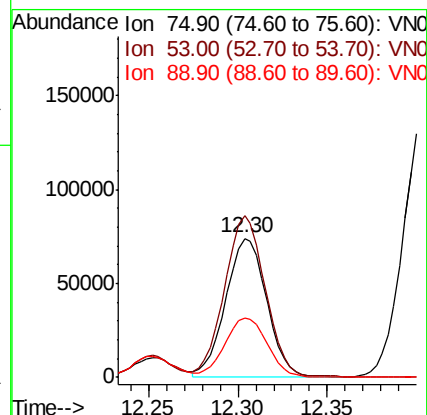
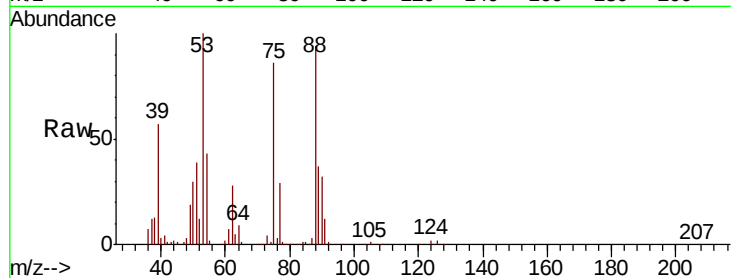
Tgt Ion: 75 Resp: 118687

Ion Ratio Lower Upper

75 100

53 116.2 88.4 132.6

89 44.4 35.3 52.9



#82

4-Chlorotoluene

Concen: 46.589 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057973.D

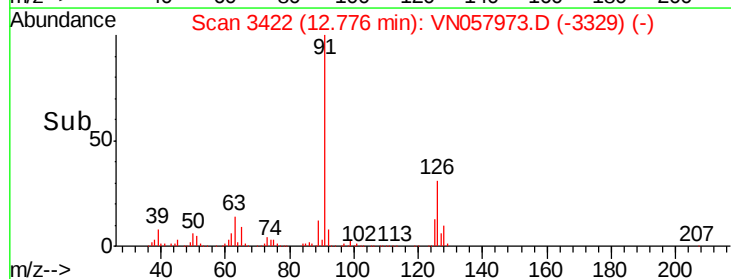
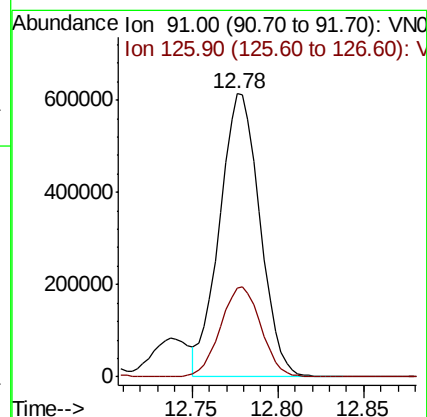
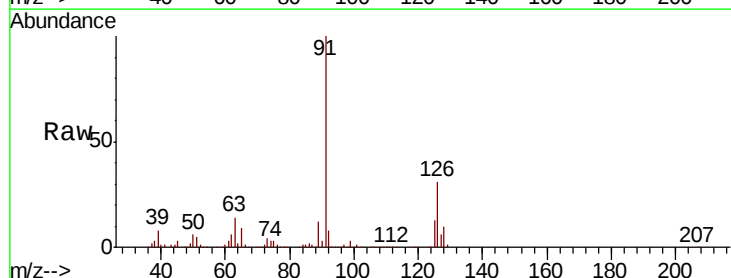
Acq: 12 Sep 2019 16:39

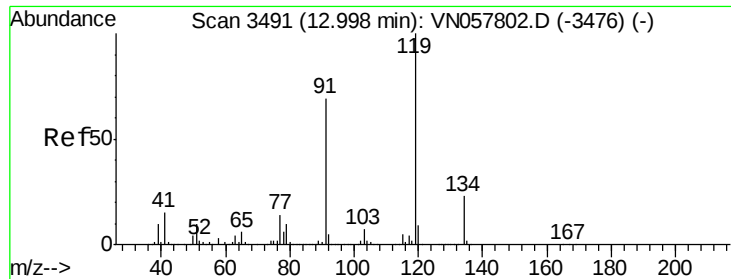
Tgt Ion: 91 Resp: 1004966

Ion Ratio Lower Upper

91 100

126 31.9 16.0 48.0

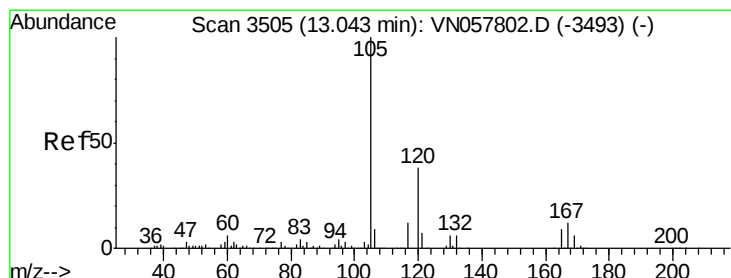
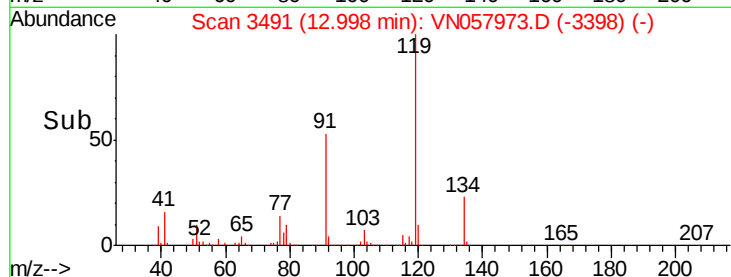
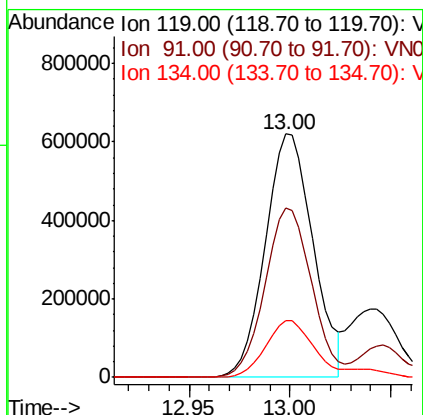
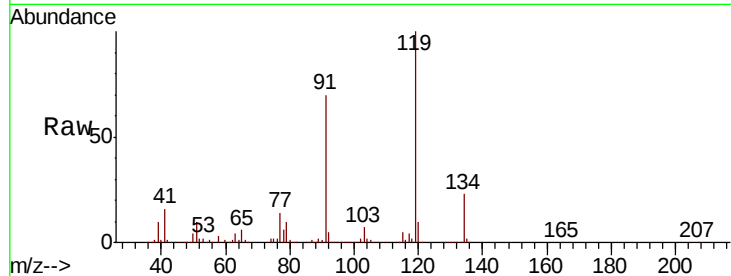




#83
 tert-Butylbenzene
 Concen: 46.953 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

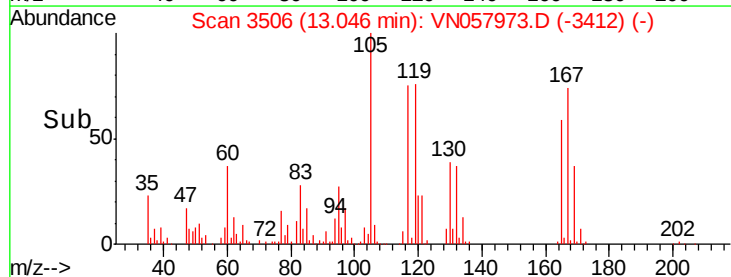
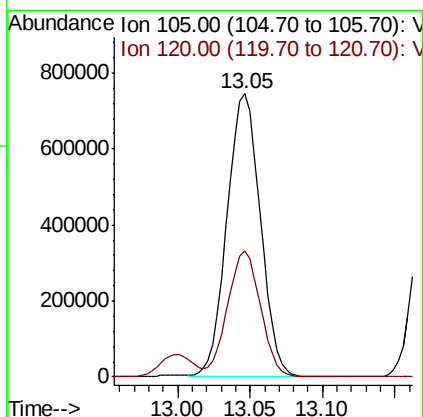
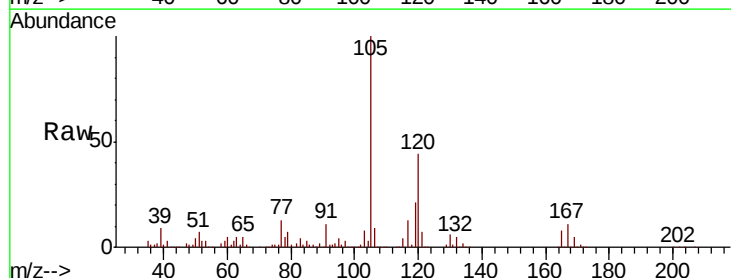
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

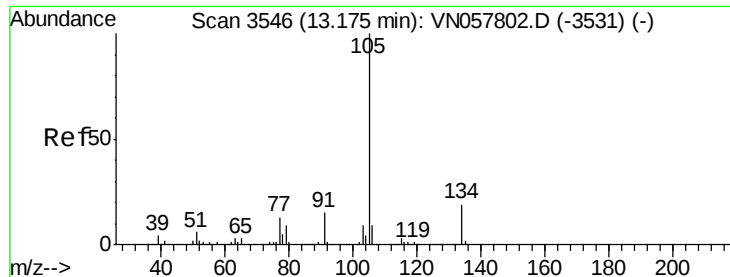
Tgt Ion:119 Resp: 1020636
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.6 100.8
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.933 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion:105 Resp: 1191335
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.2

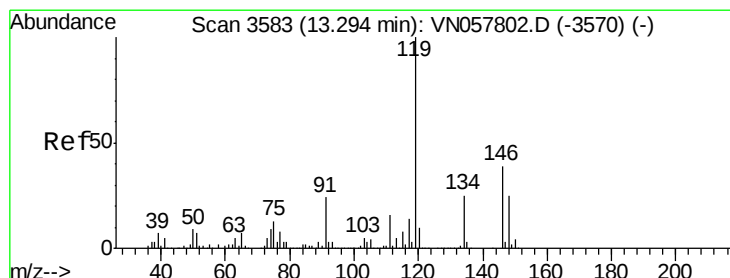
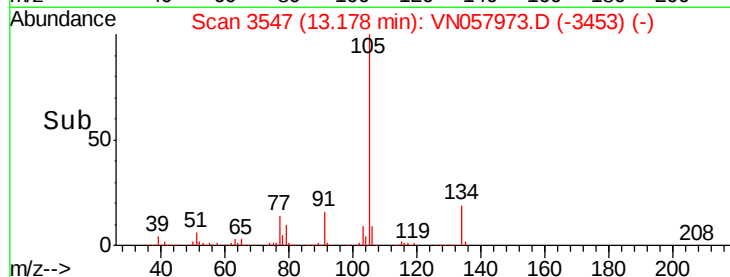
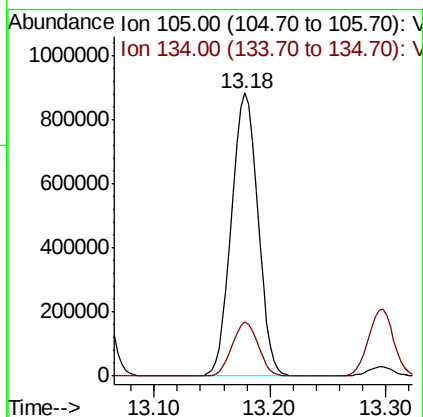
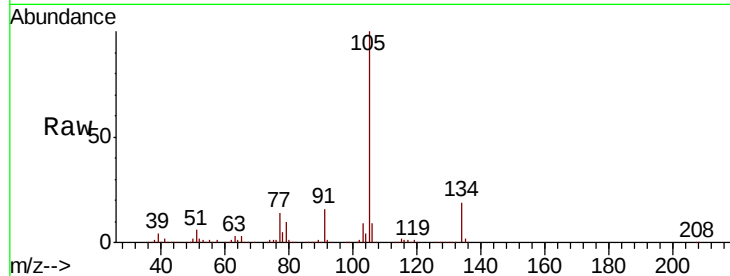




#85
 sec-Butylbenzene
 Concen: 48.278 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

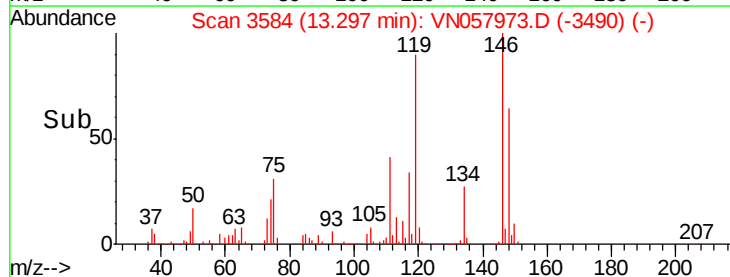
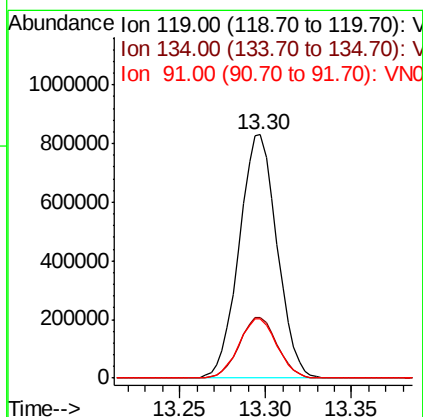
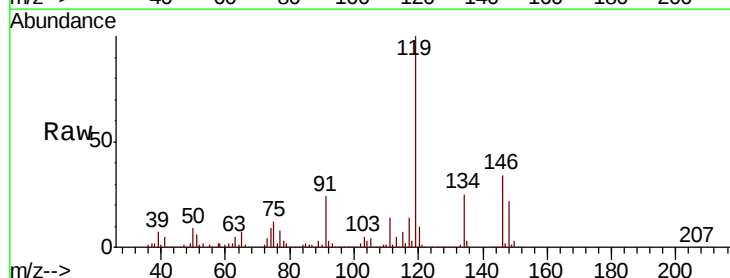
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

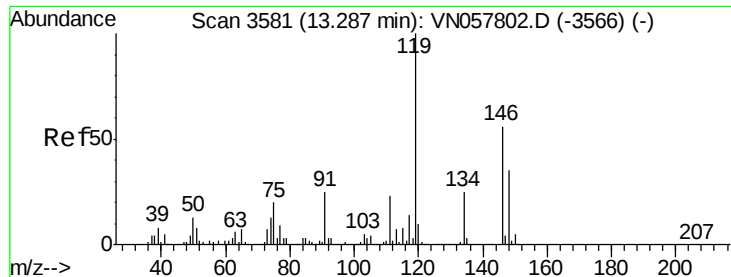
Tgt Ion:105 Resp: 1390968
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 49.819 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion:119 Resp: 1264700
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 24.6 12.3 36.8

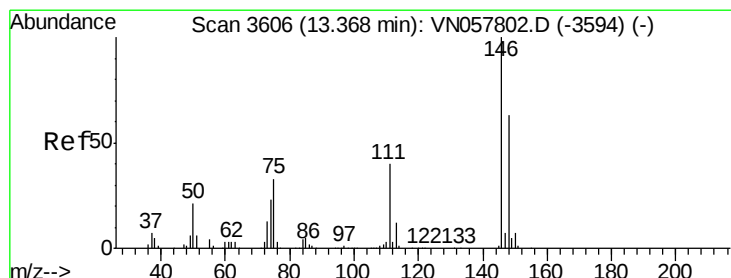
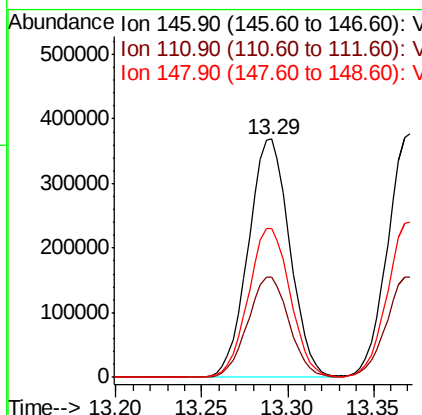
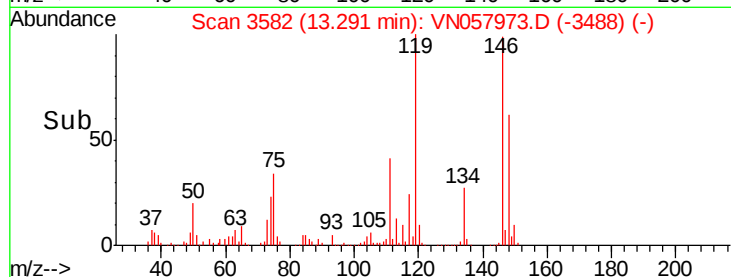
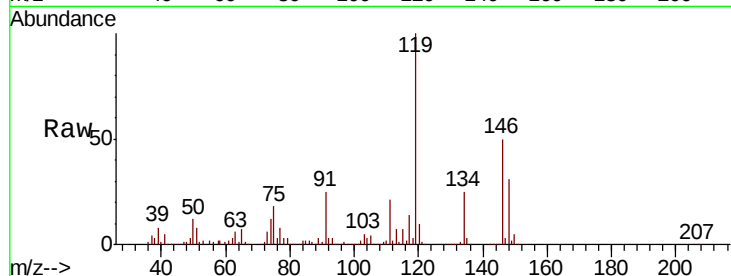




#87
 1,3-Dichlorobenzene
 Concen: 46.586 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

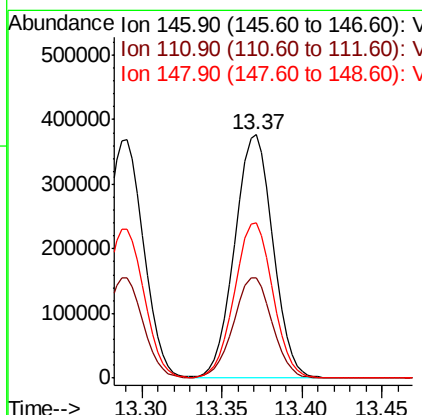
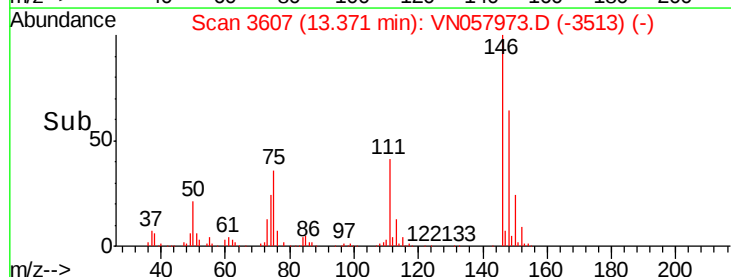
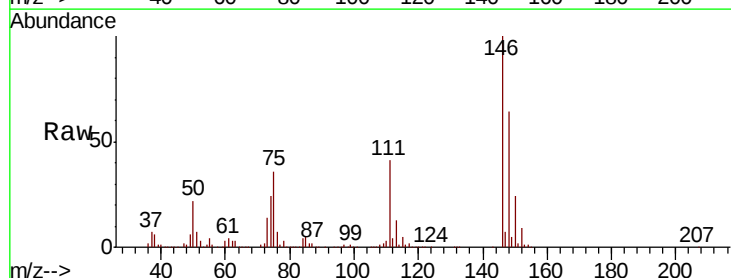
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

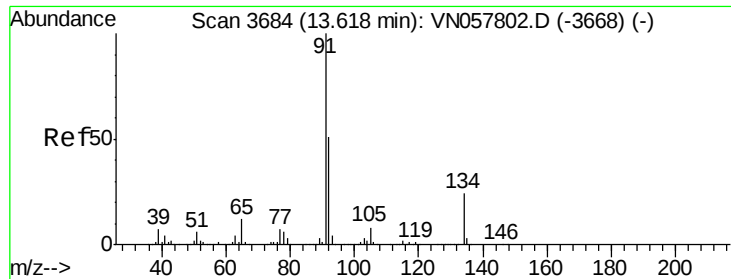
Tgt Ion:146 Resp: 617013
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.6
 148 63.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 45.635 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion:146 Resp: 613523
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.2
 148 63.9 31.8 95.4

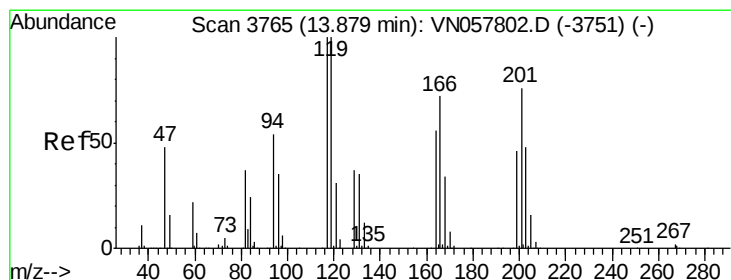
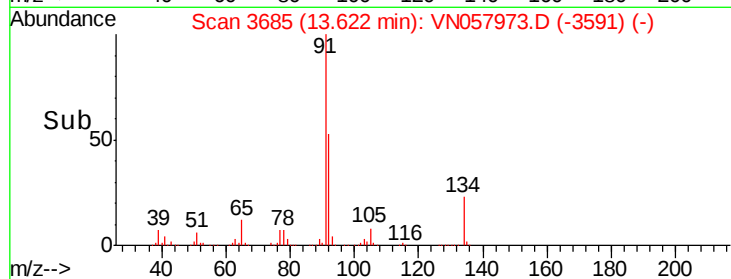
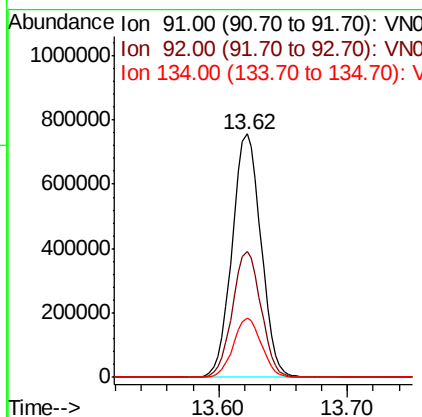
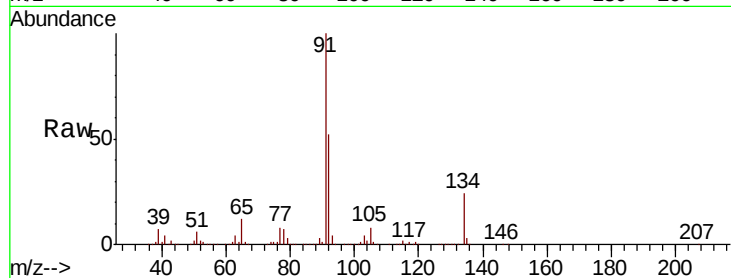




#89
n-Butylbenzene
Concen: 49.112 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

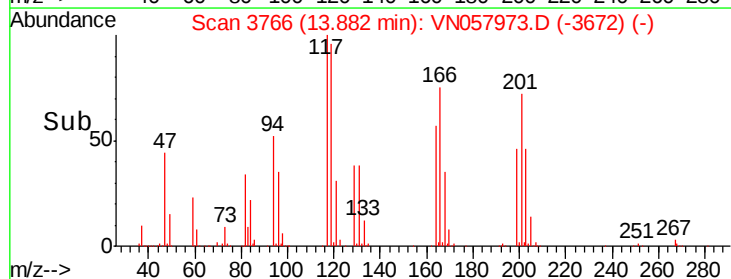
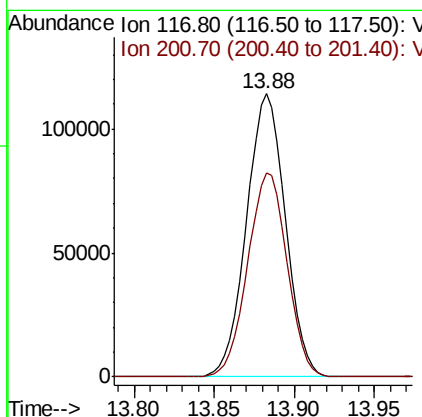
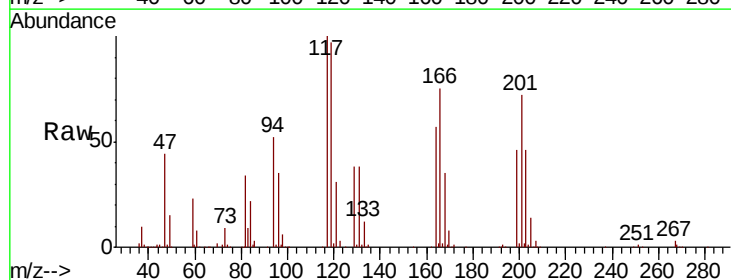
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

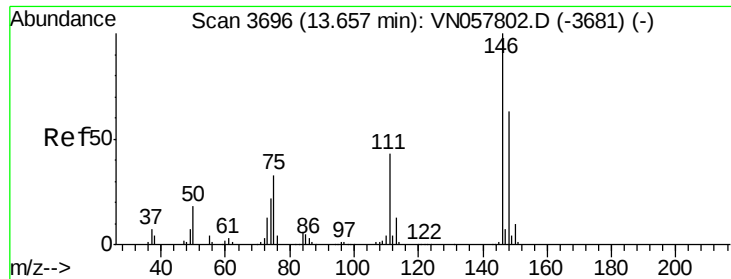
Tgt Ion: 91 Resp: 1177377
Ion Ratio Lower Upper
91 100
92 51.4 25.7 77.0
134 23.8 11.9 35.7



#90
Hexachloroethane
Concen: 50.192 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion: 117 Resp: 189496
Ion Ratio Lower Upper
117 100
201 73.1 37.5 112.7





#91

1,2-Dichlorobenzene

Concen: 46.437 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

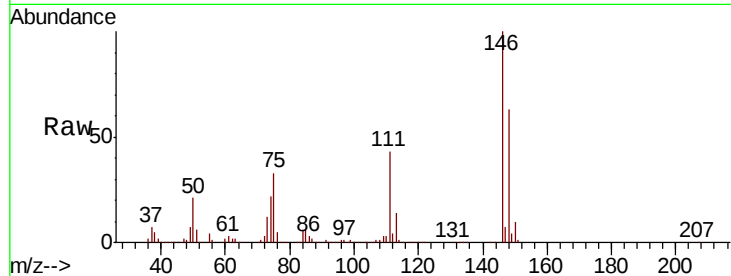
Tgt Ion:146 Resp: 614449

Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.9

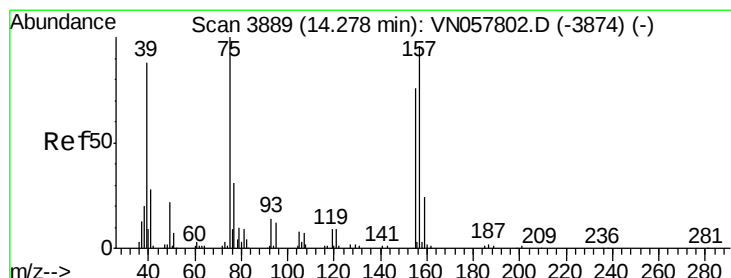
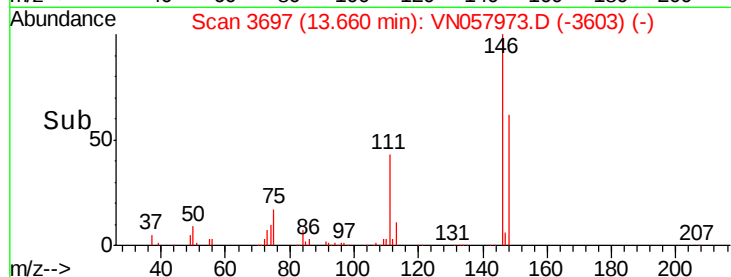
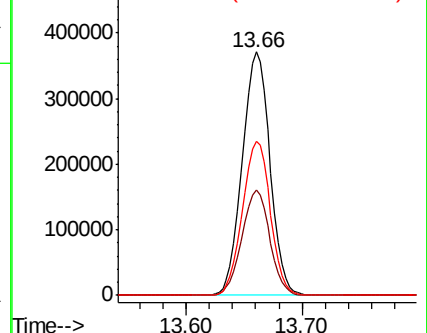
148 63.7 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.213 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN057973.D

Acq: 12 Sep 2019 16:39

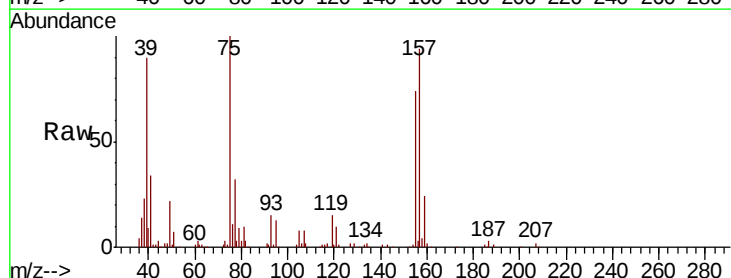
Tgt Ion: 75 Resp: 80807

Ion Ratio Lower Upper

75 100

155 75.4 37.3 111.8

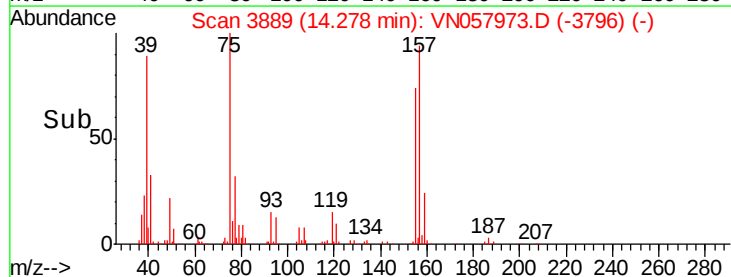
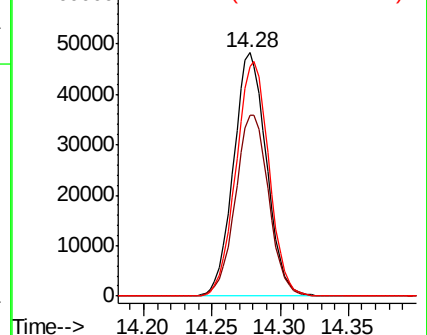
157 96.6 47.9 143.8

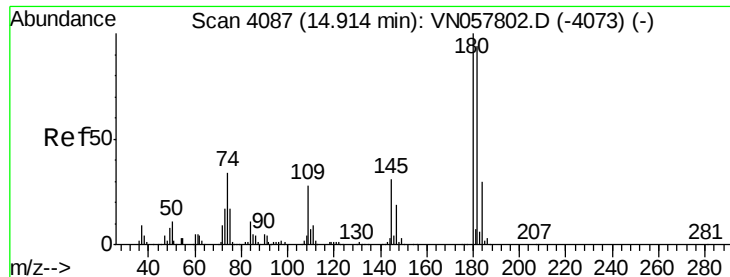


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

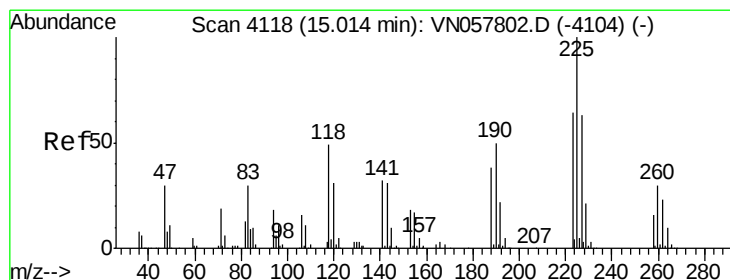
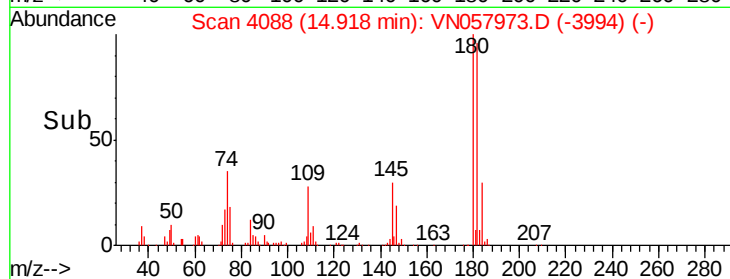
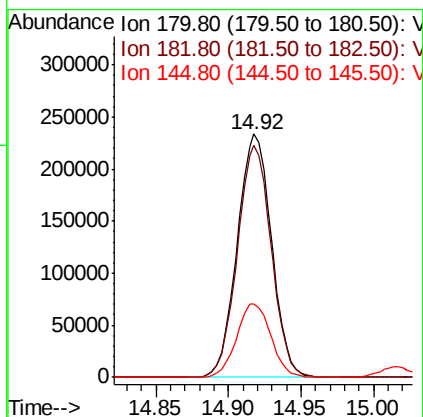
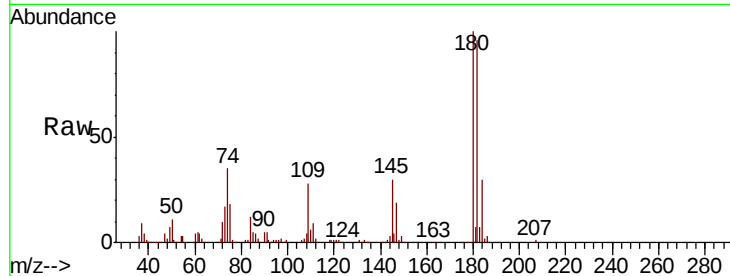




#93
 1,2,4-Trichlorobenzene
 Concen: 44.233 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

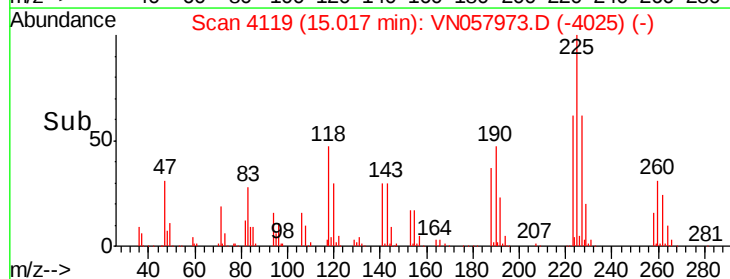
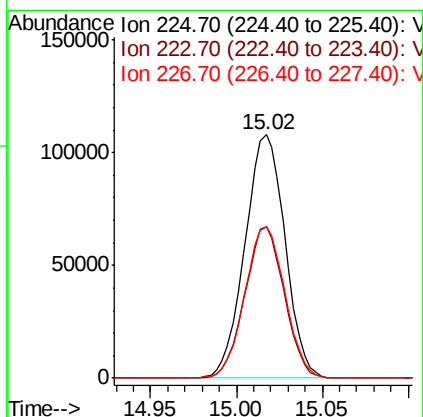
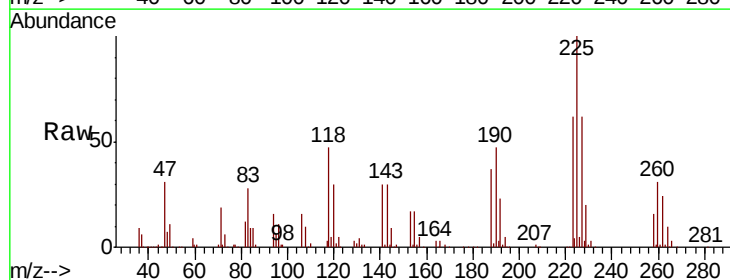
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

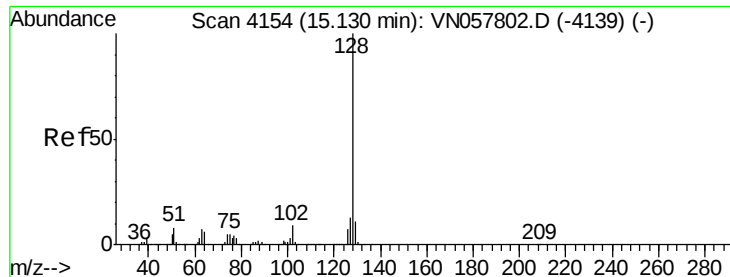
Tgt Ion:180 Resp: 382560
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.9 140.8
 145 30.4 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 47.569 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057973.D
 Acq: 12 Sep 2019 16:39

Tgt Ion:225 Resp: 174399
 Ion Ratio Lower Upper
 225 100
 223 61.0 32.4 97.2
 227 62.3 31.8 95.4

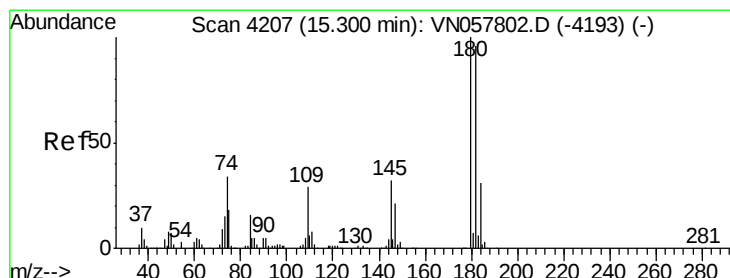
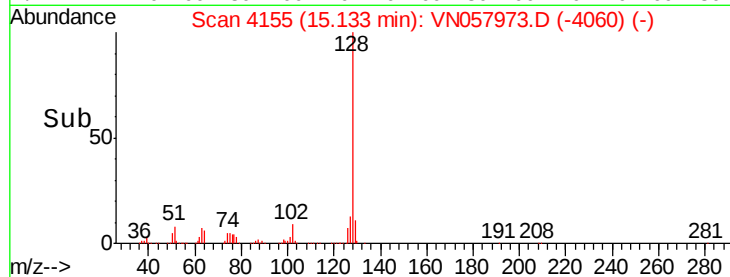
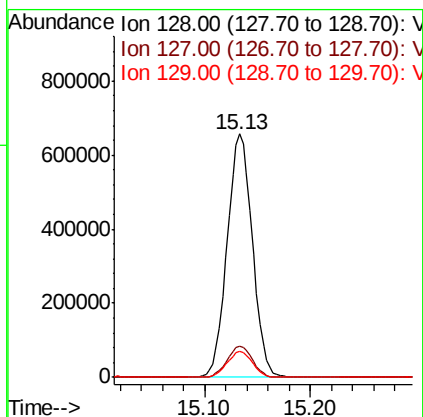
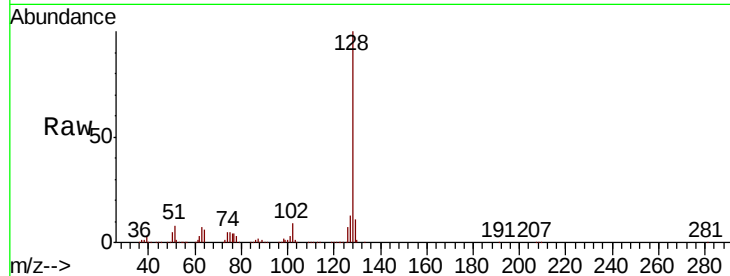




#95
Naphthalene
Concen: 49.594 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1083115
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.122 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057973.D
Acq: 12 Sep 2019 16:39

Tgt Ion:180 Resp: 363050
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 32.0 16.3 48.8

