

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055234.D
 Acq On : 25 Apr 2019 9:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 26 02:15:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	441977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	695145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	602023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	253571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	291899	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	7.59	113	232664	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.09	98	870560	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	297832	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	294590	51.767	ug/l	98
3) Chloromethane	2.06	50	334673	47.995	ug/l	98
4) Vinyl Chloride	2.19	62	272647	48.796	ug/l	99
5) Bromomethane	2.56	94	140296	43.297	ug/l	96
6) Chloroethane	2.70	64	139329	47.311	ug/l	99
7) Trichlorofluoromethane	3.02	101	375615	49.399	ug/l	96
8) Diethyl Ether	3.41	74	130627	48.131	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	232116	48.920	ug/l	99
10) Methyl Iodide	3.95	142	336624	50.592	ug/l	100
11) Tert butyl alcohol	4.78	59	76653	219.477	ug/l	99
12) 1,1-Dichloroethene	3.74	96	220017	48.385	ug/l	99
13) Acrolein	3.61	56	110949	213.367	ug/l	98
14) Allyl chloride	4.32	41	414653	46.127	ug/l	95
15) Acrylonitrile	4.99	53	455551	237.836	ug/l	99
16) Acetone	3.82	43	464824	235.041	ug/l	96
17) Carbon Disulfide	4.05	76	619554	48.736	ug/l	100
18) Methyl Acetate	4.32	43	209323	49.240	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	596566	47.452	ug/l	98
20) Methylene Chloride	4.55	84	254262	44.722	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	231936	48.641	ug/l	97
22) Diisopropyl ether	5.95	45	877765	48.987	ug/l	99
23) Vinyl Acetate	5.89	43	3046213	252.985	ug/l	99
24) 1,1-Dichloroethane	5.85	63	460974	47.829	ug/l	99
25) 2-Butanone	6.83	43	584087	228.768	ug/l	99
26) 2,2-Dichloropropane	6.82	77	327642	50.235	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	261823	47.633	ug/l	99
28) Bromochloromethane	7.19	49	233852	47.599	ug/l	99
29) Tetrahydrofuran	7.21	42	366303	233.342	ug/l	99
30) Chloroform	7.37	83	436058	47.564	ug/l	100
31) Cyclohexane	7.65	56	440733	48.813	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	362614	49.232	ug/l	100
36) 1,1-Dichloropropene	7.79	75	339883	52.679	ug/l	100
37) Ethyl Acetate	6.92	43	241824	46.442	ug/l	100
38) Carbon Tetrachloride	7.77	117	312145	51.663	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055234.D
 Acq On : 25 Apr 2019 9:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 26 02:15:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	376674	48.937	ug/l	99
40) Benzene	8.04	78	990057	49.709	ug/l	98
41) Methacrylonitrile	7.17	41	145777	53.401	ug/l	98
42) 1,2-Dichloroethane	8.12	62	336956	48.494	ug/l	100
43) Isopropyl Acetate	8.16	43	430657	51.075	ug/l #	87
44) Trichloroethene	8.83	130	250477	49.757	ug/l	99
45) 1,2-Dichloropropane	9.12	63	274903	48.897	ug/l	99
46) Dibromomethane	9.21	93	154361	47.962	ug/l	98
47) Bromodichloromethane	9.40	83	335175	52.023	ug/l	98
48) Methyl methacrylate	9.20	41	195655	47.837	ug/l	98
49) 1,4-Dioxane	9.20	88	43171	913.992	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1158772	238.826	ug/l	100
52) Toluene	10.15	92	590742	50.595	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	324889	54.948	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	391186	53.314	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	209352	48.634	ug/l	99
56) Ethyl methacrylate	10.43	69	276176	51.502	ug/l	99
57) 1,3-Dichloropropane	10.71	76	369185	49.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	379876	186.832	ug/l	100
59) 2-Hexanone	10.75	43	759497	247.820	ug/l	100
60) Dibromochloromethane	10.90	129	231306	52.169	ug/l	100
61) 1,2-Dibromoethane	11.00	107	201542	49.798	ug/l	98
64) Tetrachloroethene	10.63	164	243405	49.561	ug/l	99
65) Chlorobenzene	11.43	112	597407	48.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	226288	49.687	ug/l	100
67) Ethyl Benzene	11.51	91	1105383	50.500	ug/l	99
68) m/p-Xylenes	11.62	106	815041	103.819	ug/l	99
69) o-Xylene	11.95	106	392675	50.401	ug/l	100
70) Styrene	11.96	104	662639	54.870	ug/l	100
71) Bromoform	12.12	173	143927	52.958	ug/l #	99
73) Isopropylbenzene	12.25	105	1052007	51.710	ug/l	100
74) N-amyl acetate	12.07	43	322638	49.351	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	249785	48.362	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	306280	59.538	ug/l #	100
77) Bromobenzene	12.53	156	254420	45.449	ug/l	99
78) n-propylbenzene	12.59	91	1190058	46.798	ug/l	99
79) 2-Chlorotoluene	12.67	91	723855	45.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	884276	46.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63710	46.948	ug/l	96
82) 4-Chlorotoluene	12.77	91	708557	47.960	ug/l	99
83) tert-Butylbenzene	12.99	119	742005	52.115	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	860910	48.060	ug/l	99
85) sec-Butylbenzene	13.17	105	965875	44.977	ug/l	100
86) p-Isopropyltoluene	13.29	119	853346	48.232	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	425255	49.486	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	411324	49.163	ug/l	98
89) n-Butylbenzene	13.61	91	700585	53.423	ug/l	99
90) Hexachloroethane	13.87	117	144740	46.128	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	406702	46.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35191	45.703	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055234.D
Acq On : 25 Apr 2019 9:25
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Apr 26 02:15:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

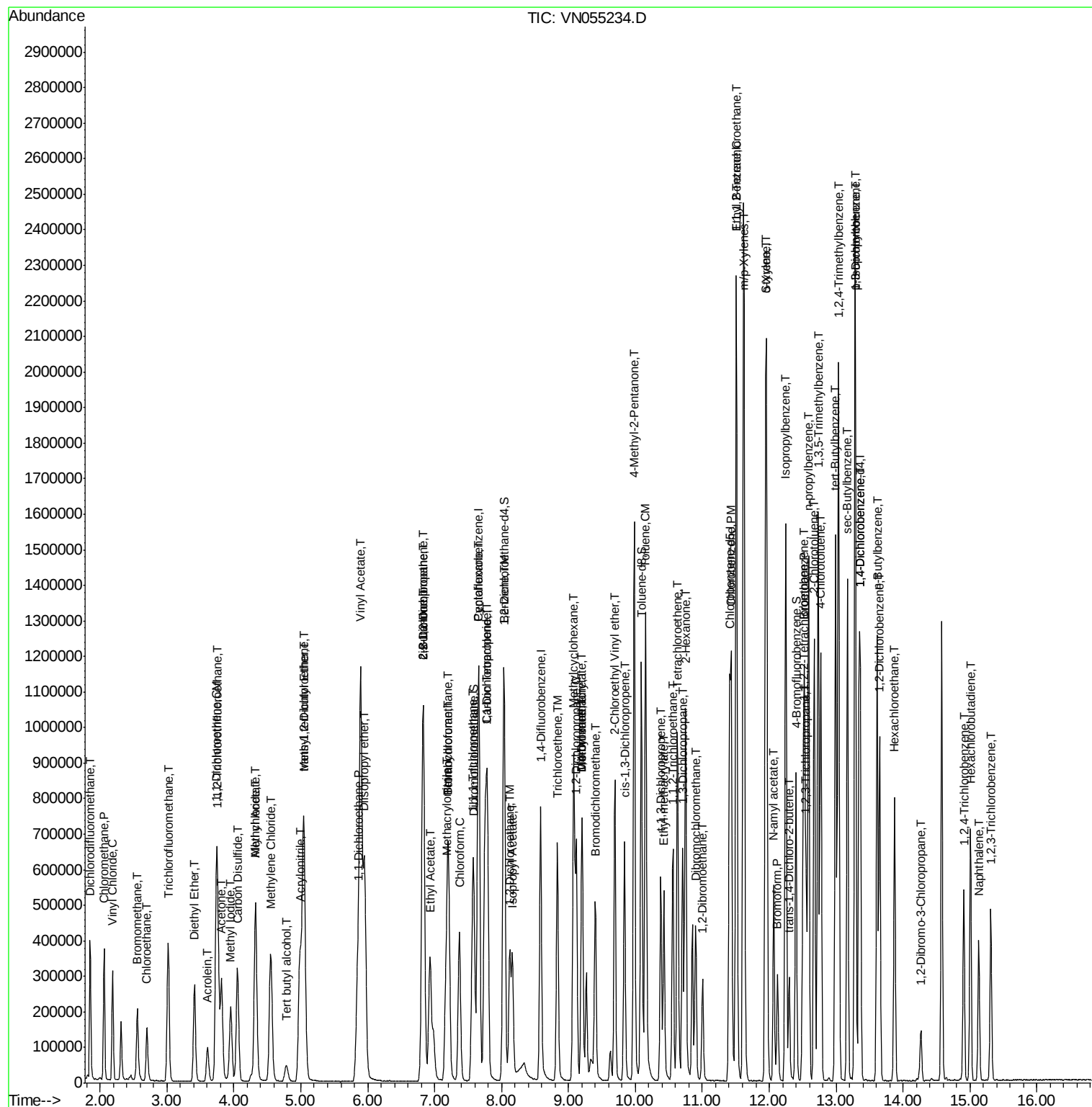
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	167418	45.176	ug/l	98
94) Hexachlorobutadiene	15.01	225	141491	55.315	ug/l	97
95) Naphthalene	15.13	128	332106	41.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	165394	44.887	ug/l	99

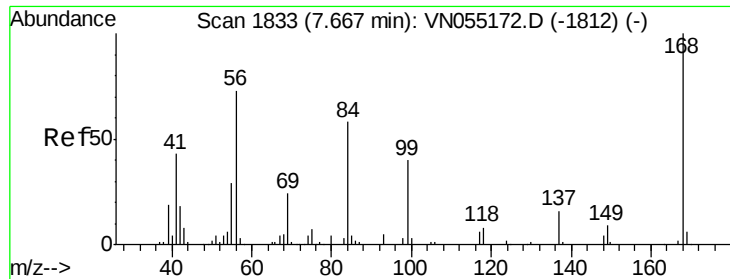
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055234.D
Acq On : 25 Apr 2019 9:25
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Apr 26 02:15:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

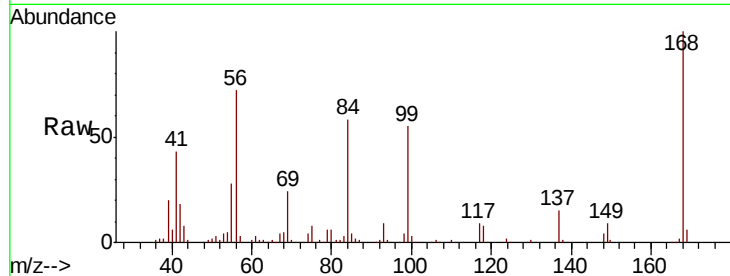
VSTDCCC050

Tot Ion:168 Resp: 441977

Ion Ratio Lower Upper

168 100

99 53.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

150000

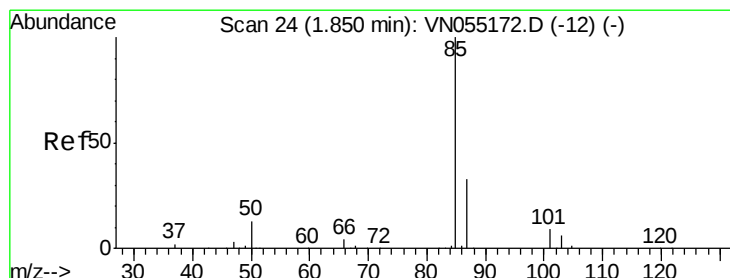
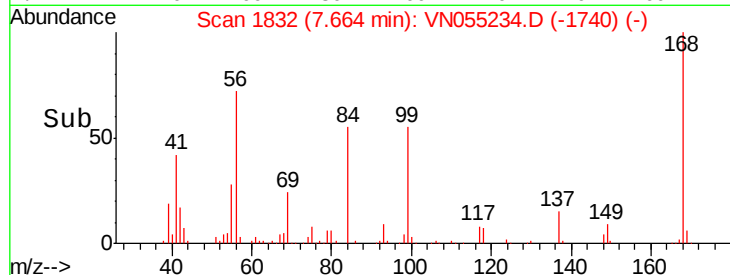
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 51.767 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055234.D

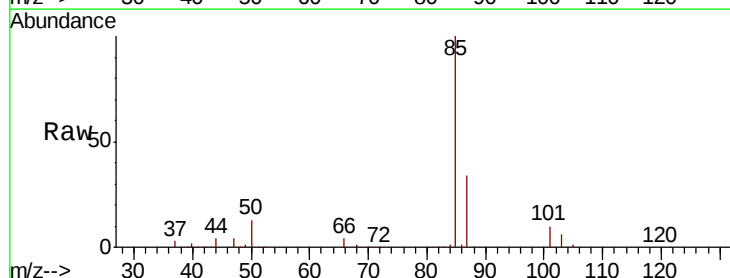
Acq: 25 Apr 2019 9:25

Tgt Ion: 85 Resp: 294590

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

250000

200000

150000

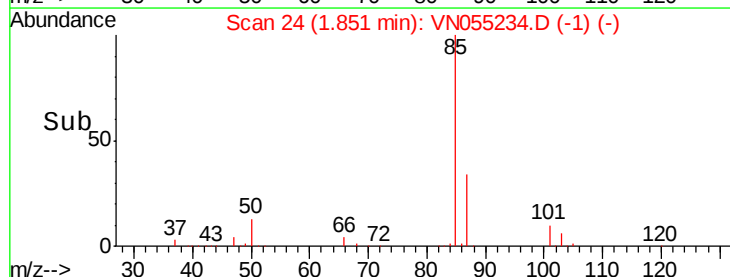
100000

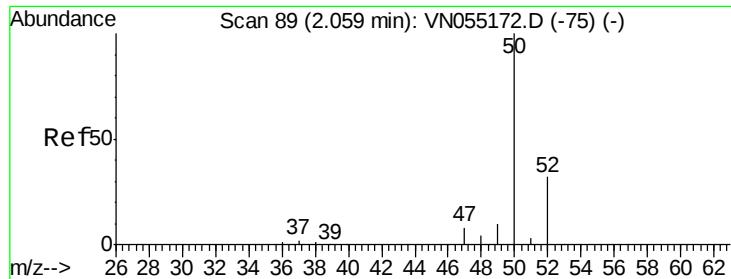
50000

0

1.80 1.85 1.90 1.95

Time-->

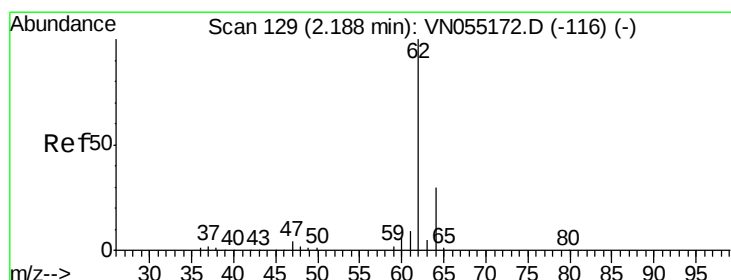
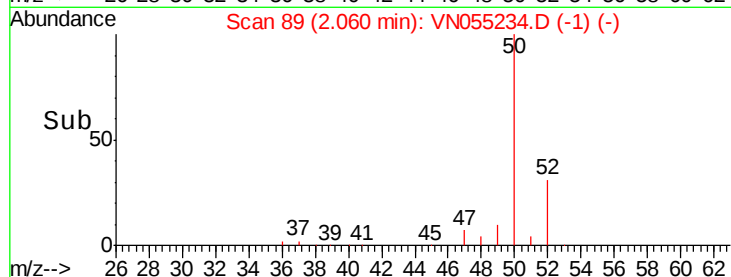
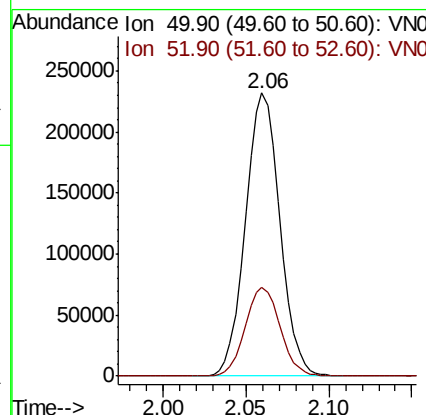
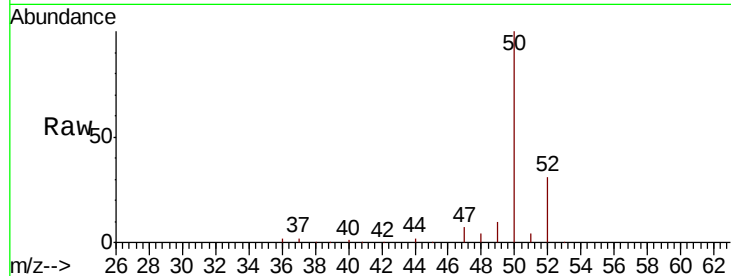




#3
Chloromethane
Concen: 47.995 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

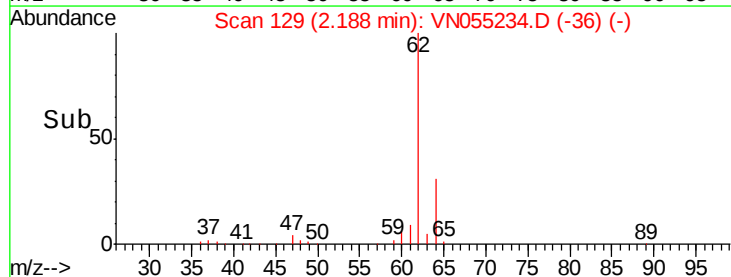
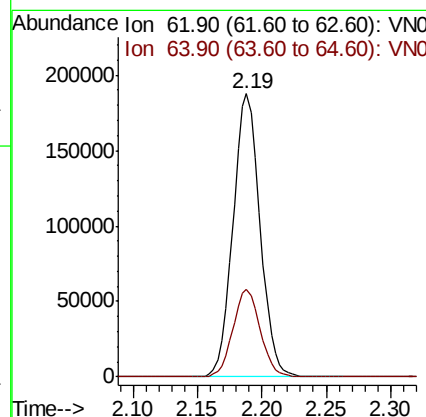
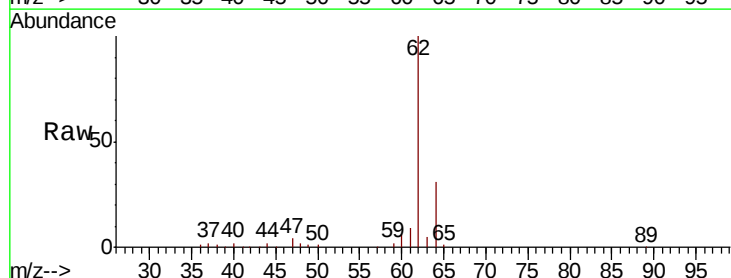
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

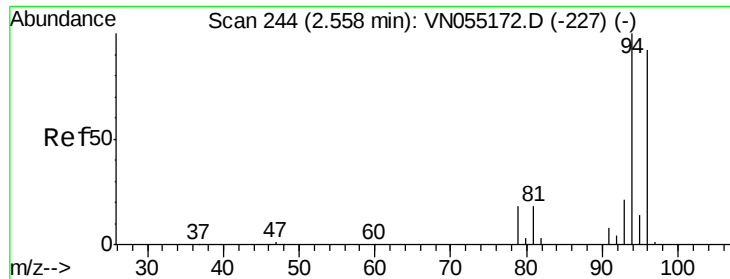
Tot Ion: 50 Resp: 334673
Ion Ratio Lower Upper
50 100
52 31.2 25.8 38.6



#4
Vinyl Chloride
Concen: 48.796 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 62 Resp: 272647
Ion Ratio Lower Upper
62 100
64 30.9 24.2 36.4





#5

Bromomethane

Concen: 43.297 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

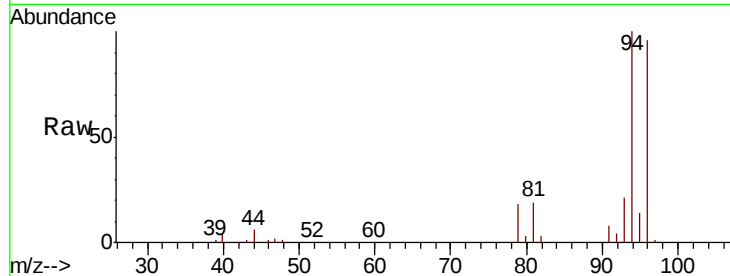
VSTDCCC050

Tot Ion: 94 Resp: 140296

Ion Ratio Lower Upper

94 100

96 95.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

80000

60000

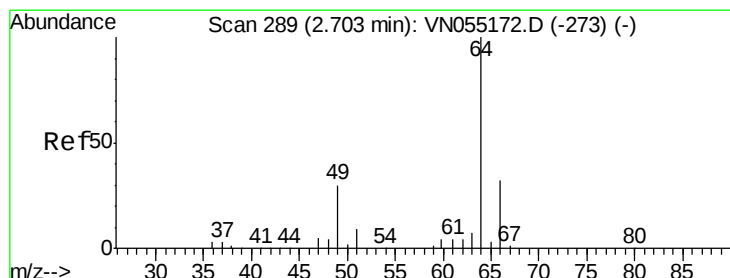
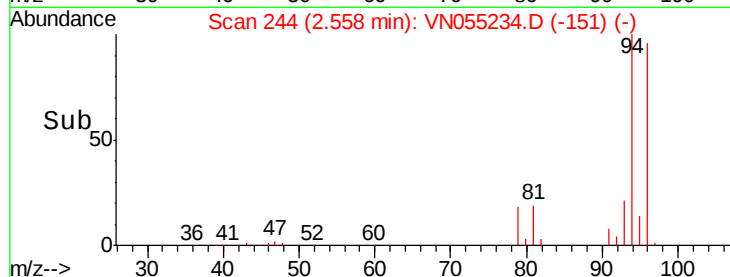
40000

20000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 47.311 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN055234.D

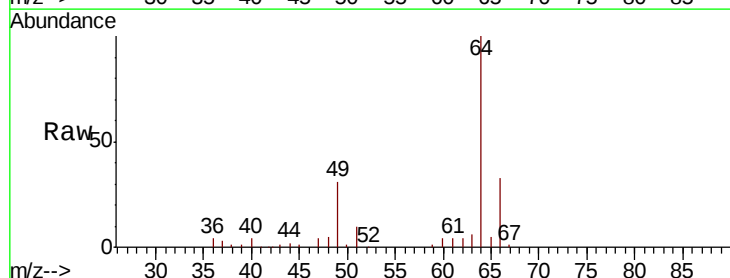
Acq: 25 Apr 2019 9:25

Tgt Ion: 64 Resp: 139329

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

80000

60000

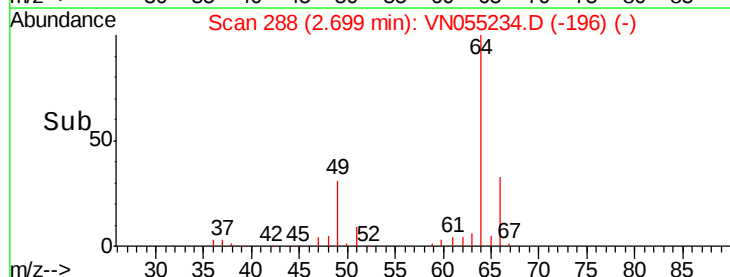
40000

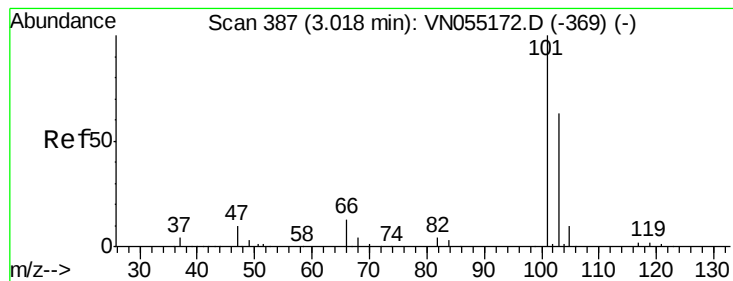
20000

0

Time-->

2.60 2.70 2.80



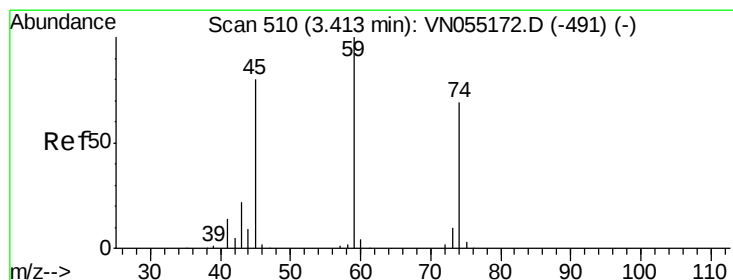
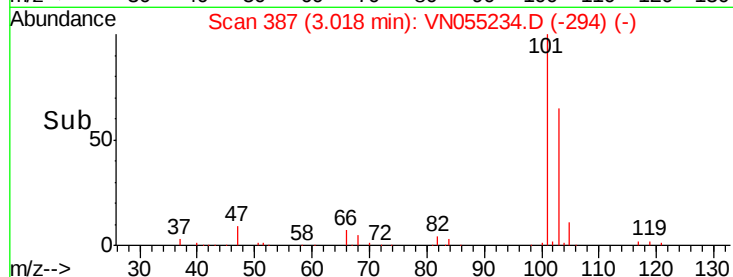
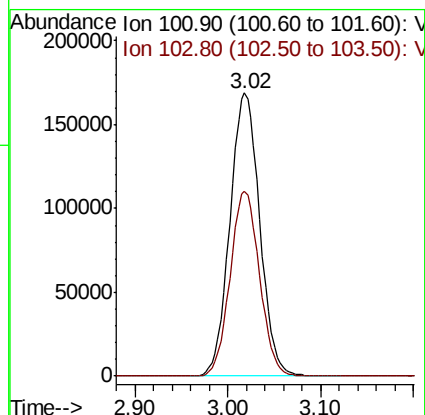
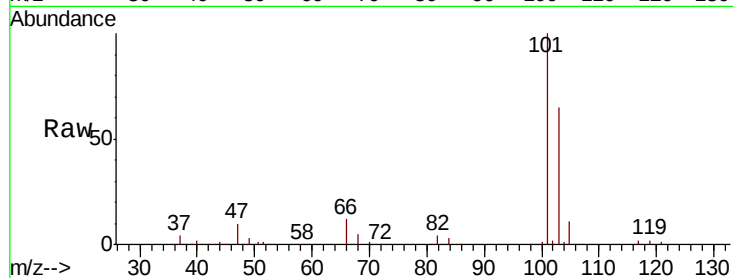


#7

Trichlorofluoromethane
 Concen: 49.399 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

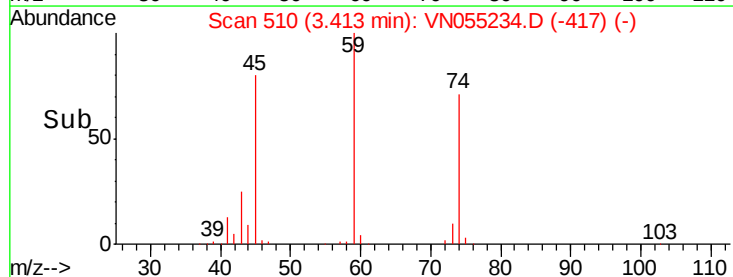
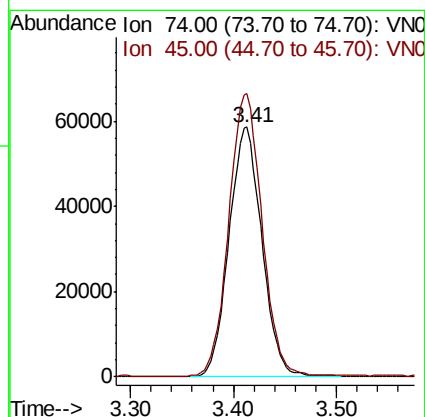
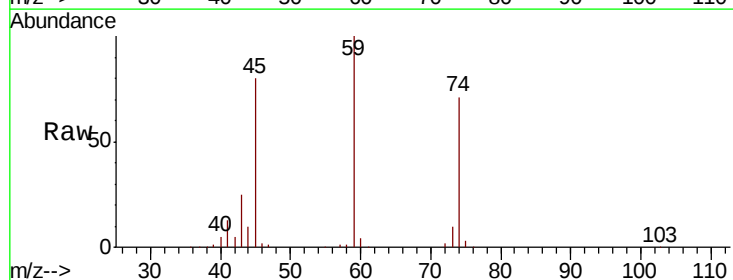
Tot Ion:101 Resp: 375615
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.1 75.1

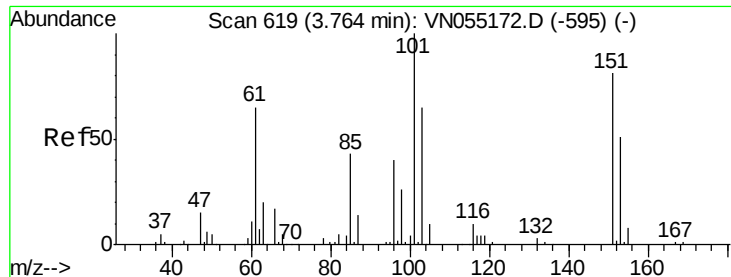


#8

Diethyl Ether
 Concen: 48.131 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion: 74 Resp: 130627
 Ion Ratio Lower Upper
 74 100
 45 114.8 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.920 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

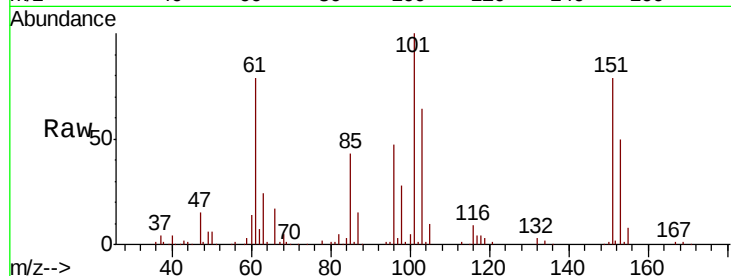
Tot Ion:101 Resp: 232116

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

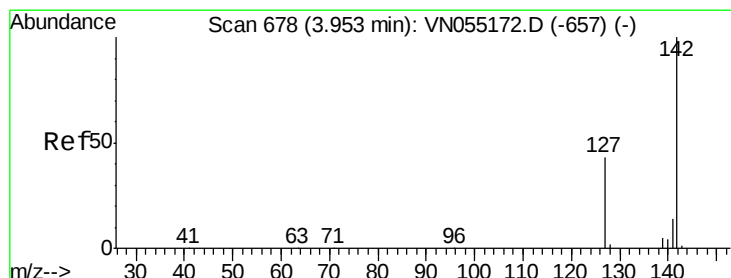
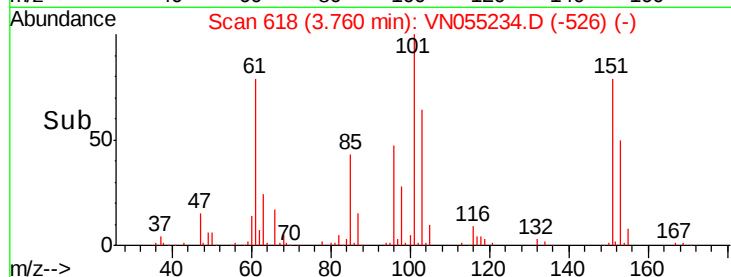
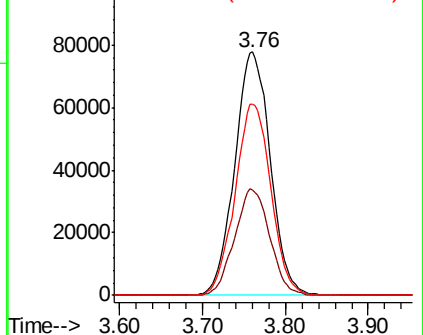
151 78.9 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.592 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

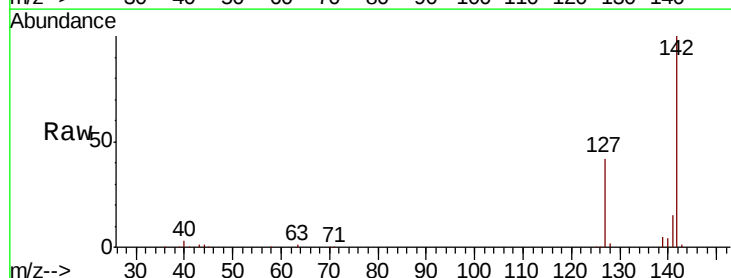
Tgt Ion:142 Resp: 336624

Ion Ratio Lower Upper

142 100

127 42.4 34.1 51.1

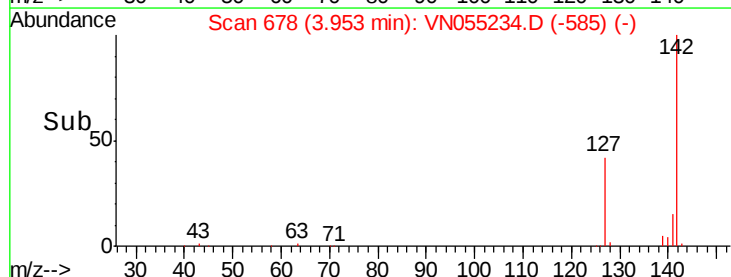
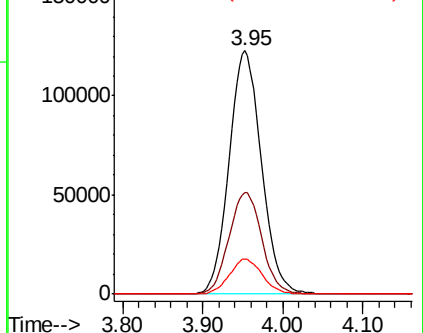
141 14.6 11.4 17.2

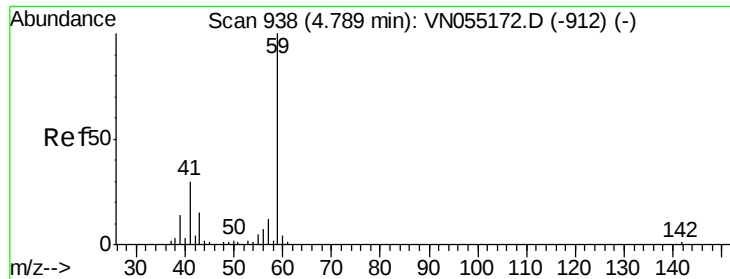


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

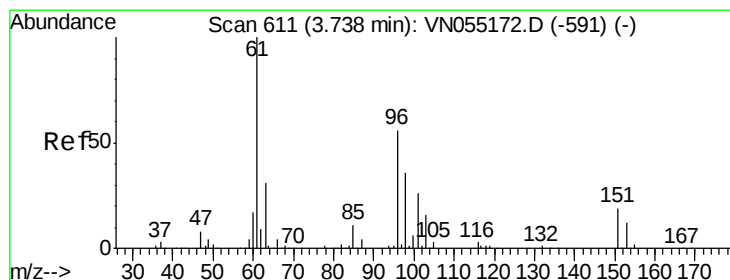
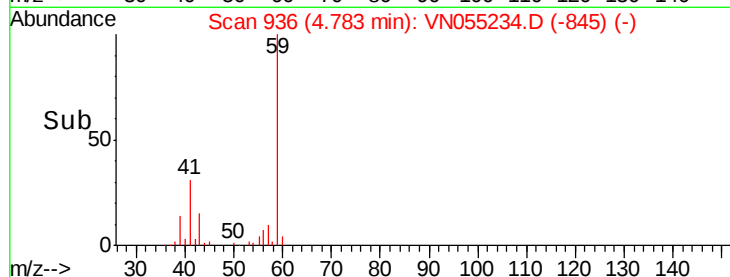
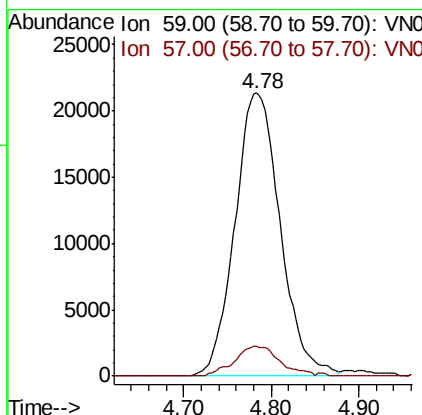
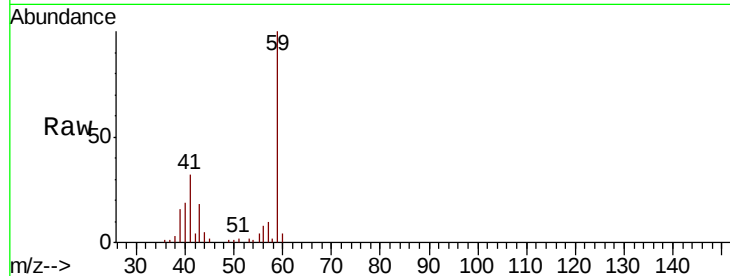




#11
Tert butyl alcohol
Concen: 219.477 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

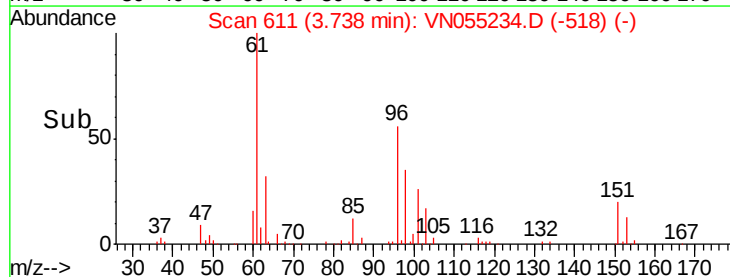
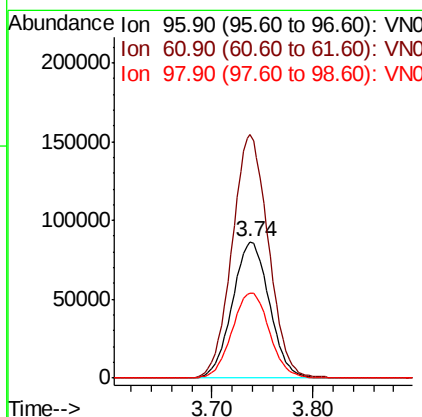
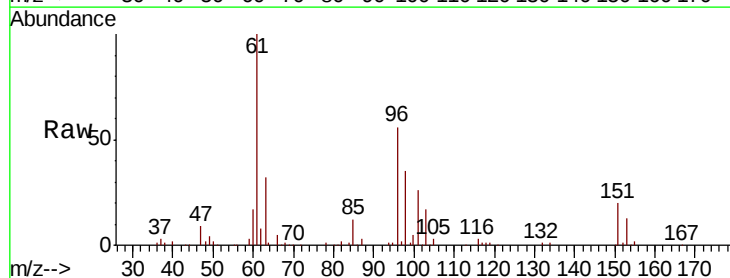
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

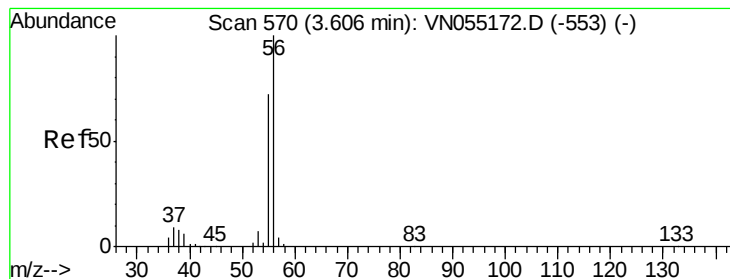
Tot Ion: 59 Resp: 76653
Ion Ratio Lower Upper
59 100
57 10.5 8.8 13.2



#12
1,1-Dichloroethene
Concen: 48.385 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 96 Resp: 220017
Ion Ratio Lower Upper
96 100
61 177.8 142.1 213.1
98 62.1 51.2 76.8





#13

Acrolein

Concen: 213.367 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

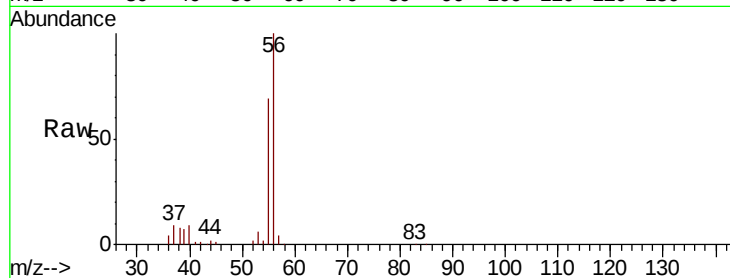
VSTDCCC050

Tot Ion: 56 Resp: 110949

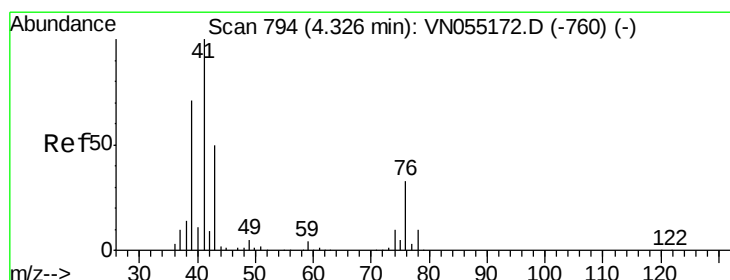
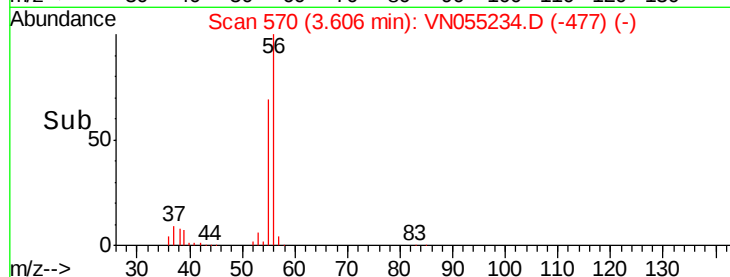
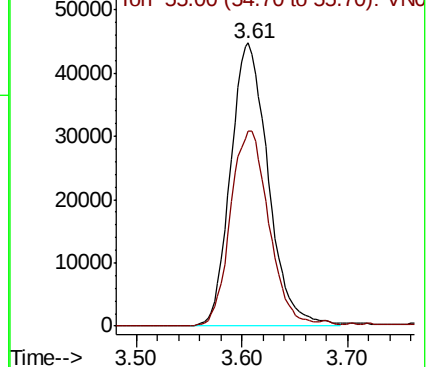
Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 46.127 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

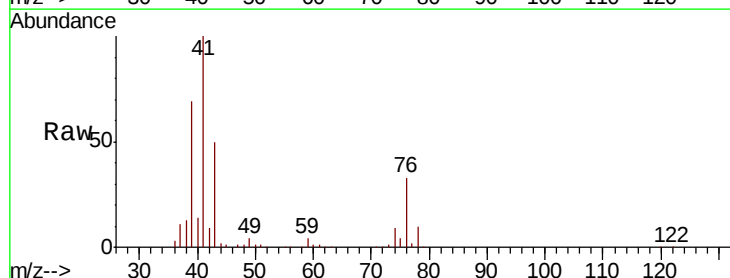
Tgt Ion: 41 Resp: 414653

Ion Ratio Lower Upper

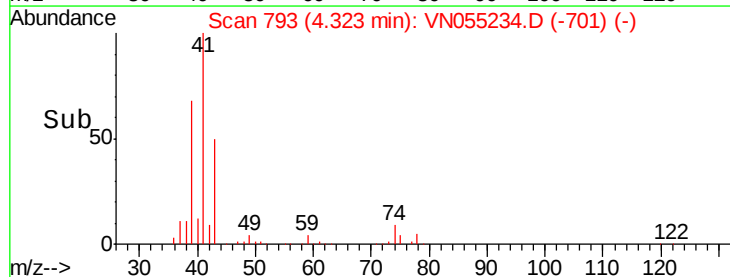
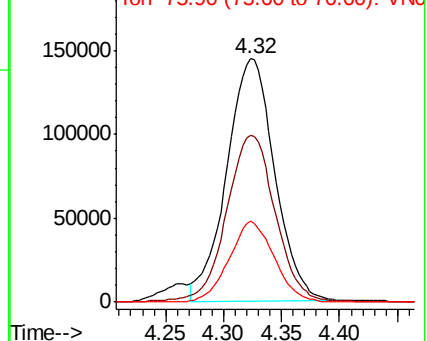
41 100

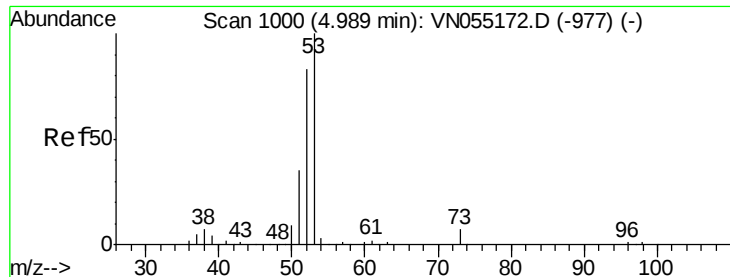
39 70.1 52.9 79.3

76 31.5 23.6 35.4



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 237.836 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

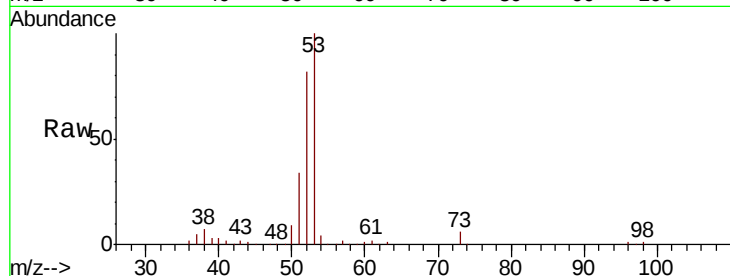
Tot Ion: 53 Resp: 455551

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.8

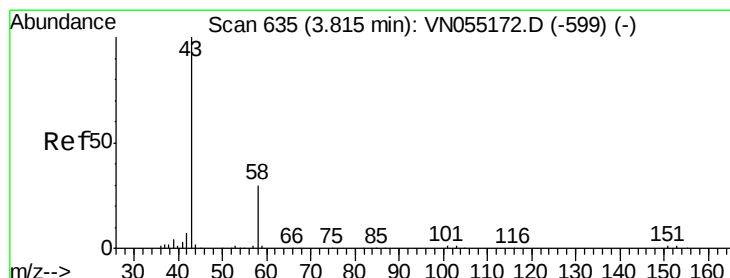
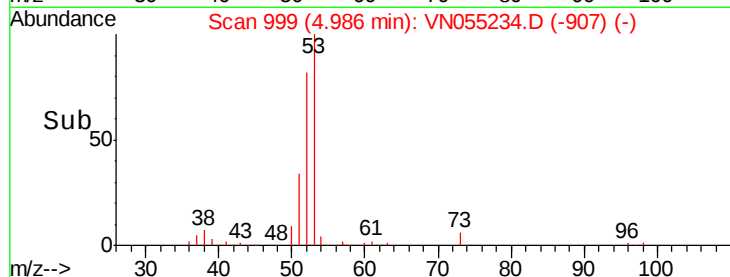
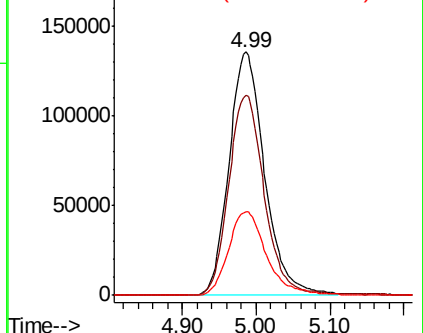
51 36.9 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 235.041 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN055234.D

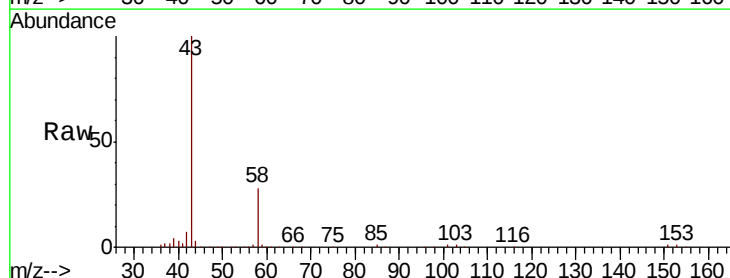
Acq: 25 Apr 2019 9:25

Tgt Ion: 43 Resp: 464824

Ion Ratio Lower Upper

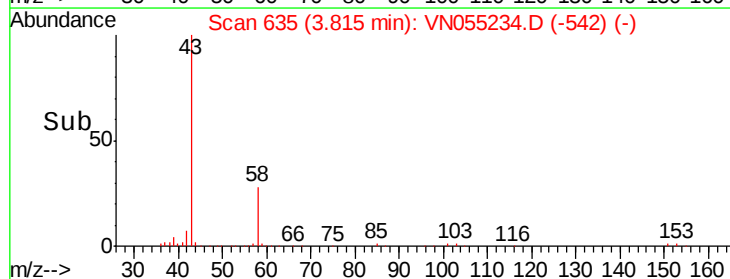
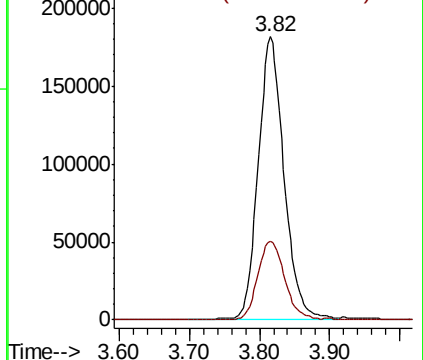
43 100

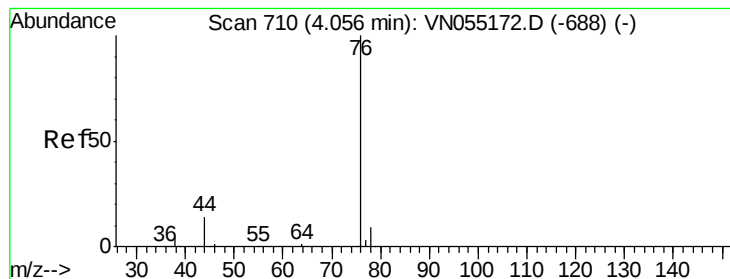
58 27.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 48.736 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

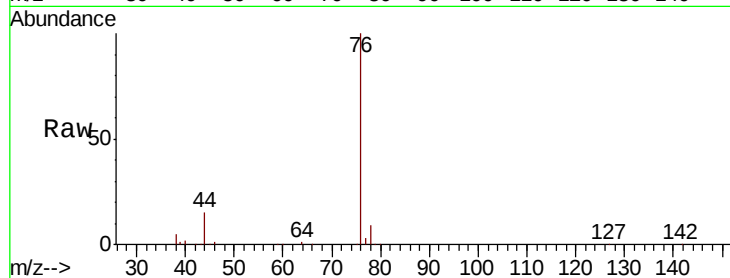
VSTDCCC050

Tot Ion: 76 Resp: 619554

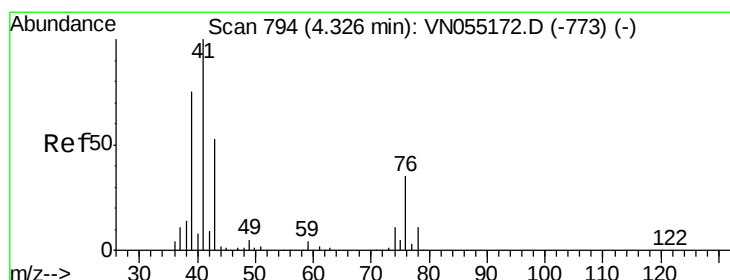
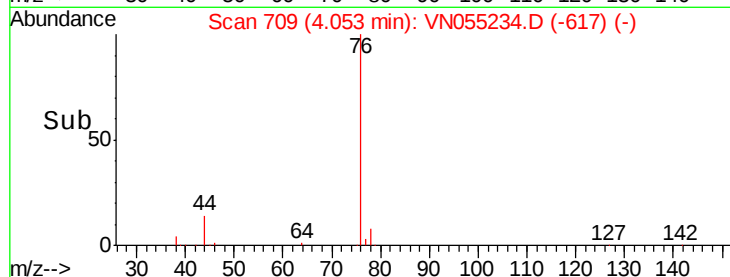
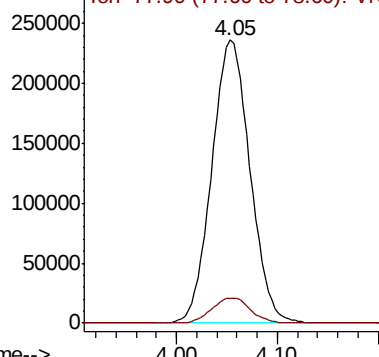
Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 49.240 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055234.D

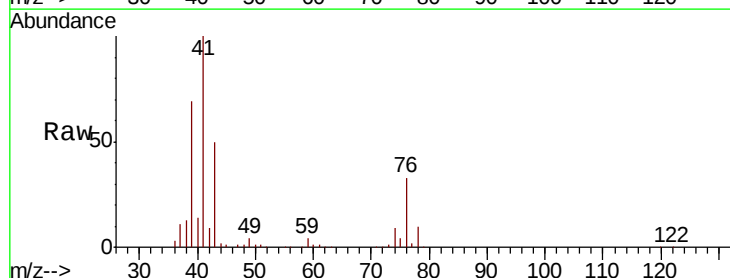
Acq: 25 Apr 2019 9:25

Tgt Ion: 43 Resp: 209323

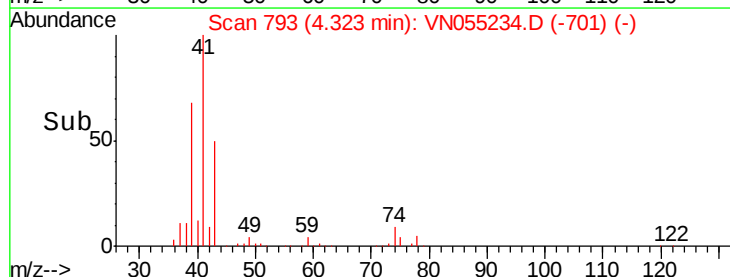
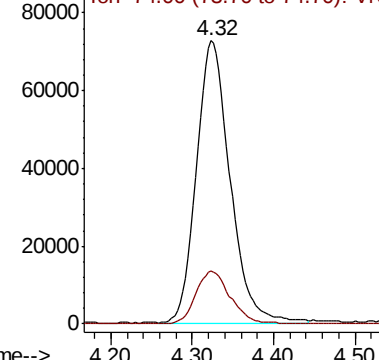
Ion Ratio Lower Upper

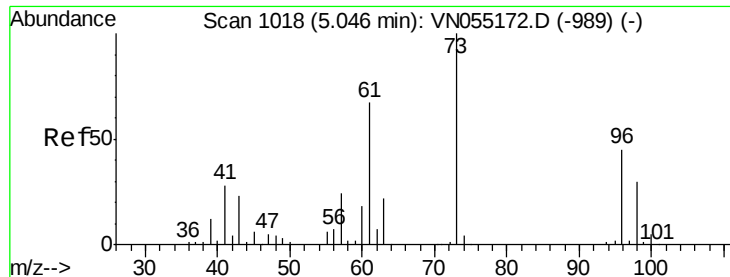
43 100

74 19.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

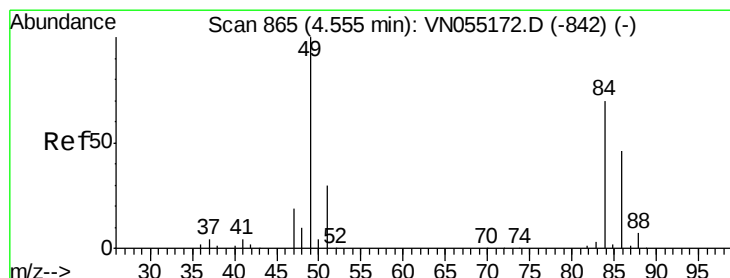
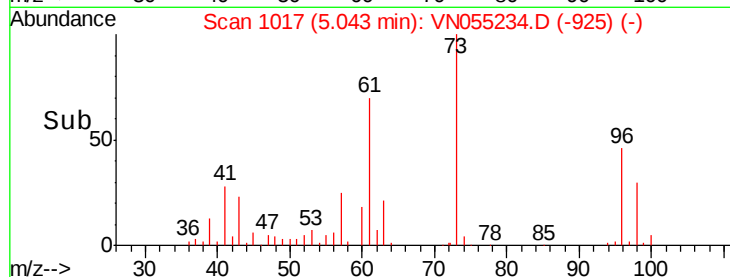
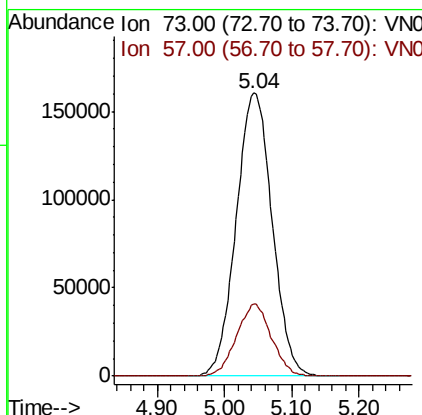
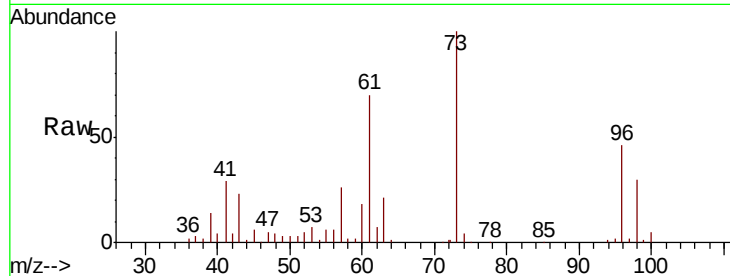




#19
Methvl tert-butvl Ether
Concen: 47.452 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

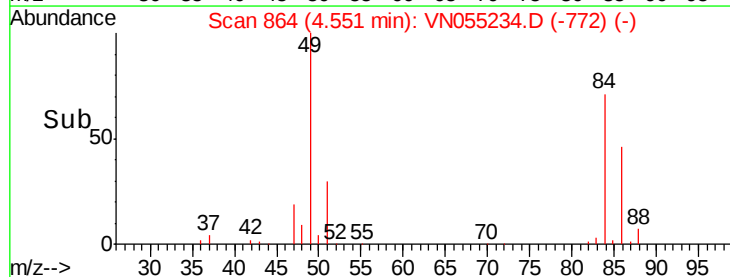
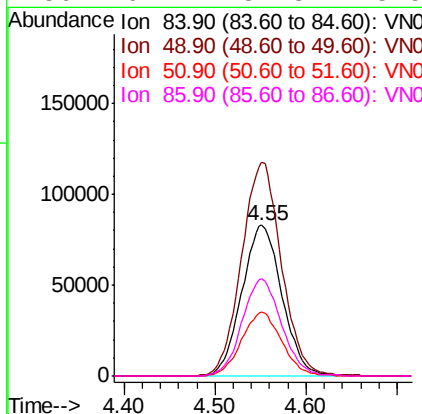
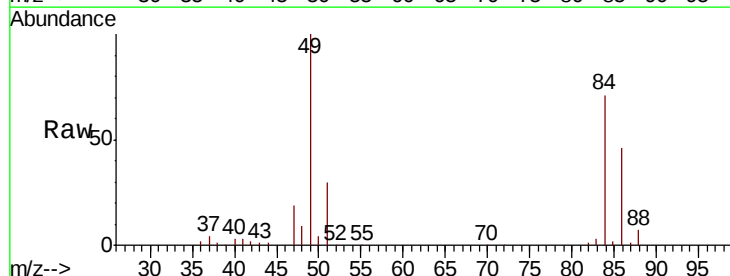
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

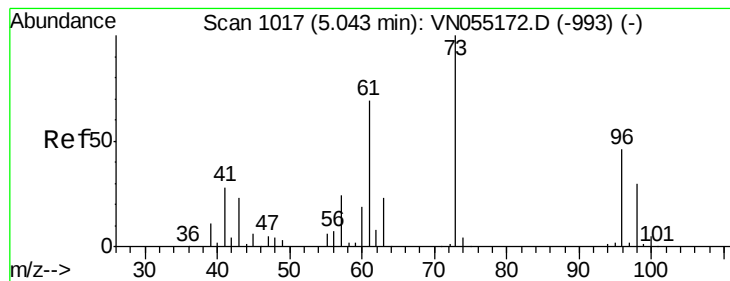
Tot Ion: 73 Resp: 596566
Ion Ratio Lower Upper
73 100
57 25.6 19.5 29.3



#20
Methylene Chloride
Concen: 44.722 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 84 Resp: 254262
Ion Ratio Lower Upper
84 100
49 141.8 113.8 170.6
51 42.3 34.0 51.0
86 64.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.641 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

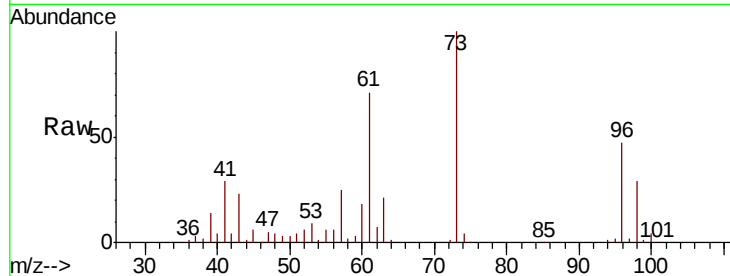
Tot Ion: 96 Resp: 231936

Ion Ratio Lower Upper

96 100

61 151.7 119.3 178.9

98 62.7 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VN055172.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN055172.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN055172.D (-993) (-)

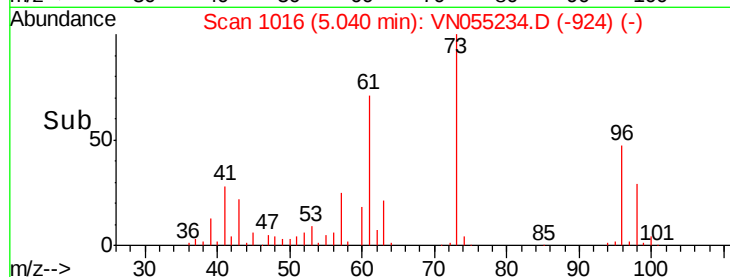
150000

100000

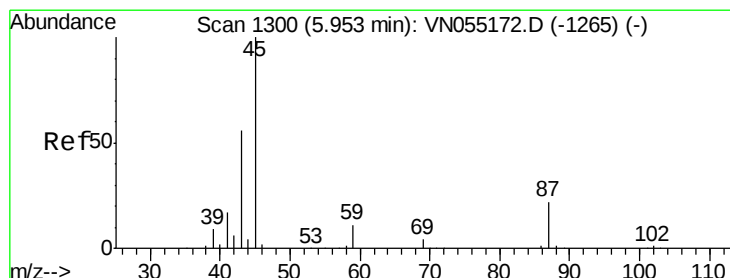
50000

0

Time-->



Time-->



#22

Diisopropyl ether

Concen: 48.987 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Tgt Ion: 45 Resp: 877765

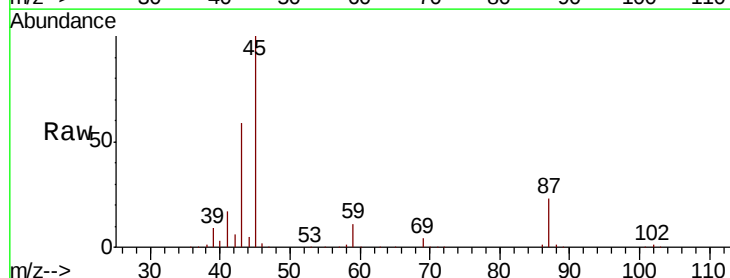
Ion Ratio Lower Upper

45 100

43 58.2 47.4 71.0

87 23.0 18.4 27.6

59 10.4 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN055172.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN055172.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1265) (-)

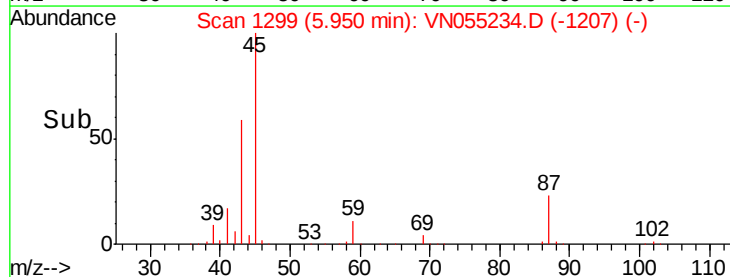
Ion 59.00 (58.70 to 59.70): VN055172.D (-1265) (-)

1000000

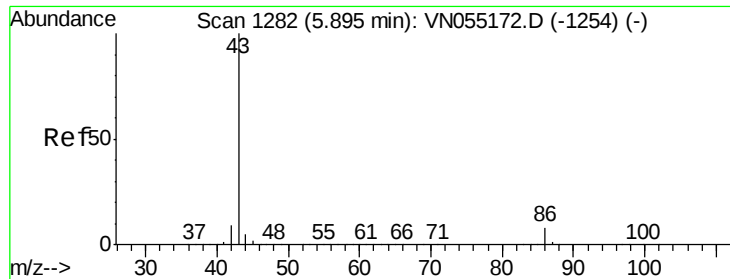
500000

0

Time-->



Time-->



#23

Vinyl Acetate

Concen: 252.985 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

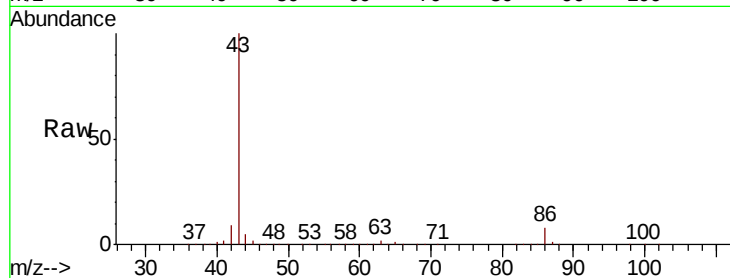
VSTDCCC050

Tot Ion: 43 Resp: 3046213

Ion Ratio Lower Upper

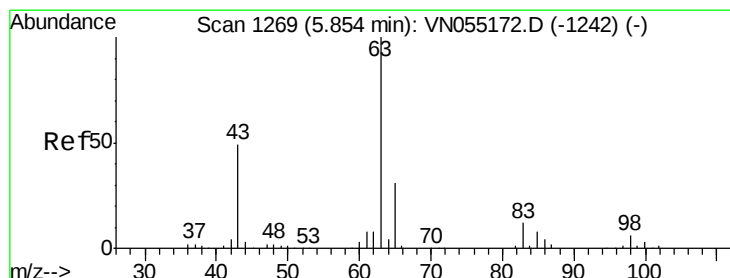
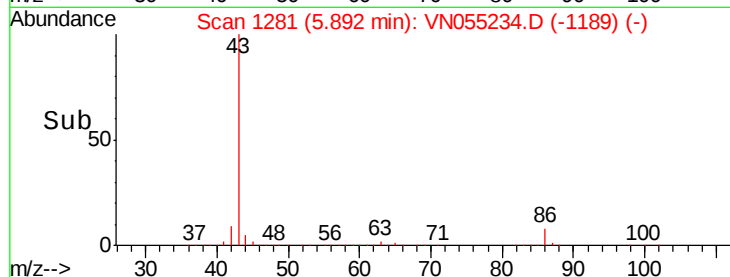
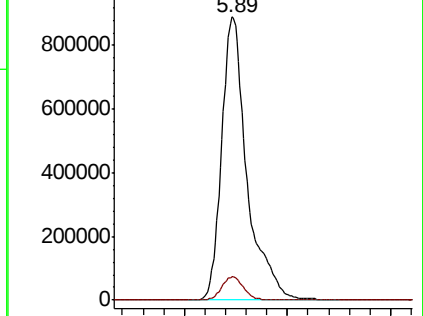
43 100

86 8.2 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.829 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

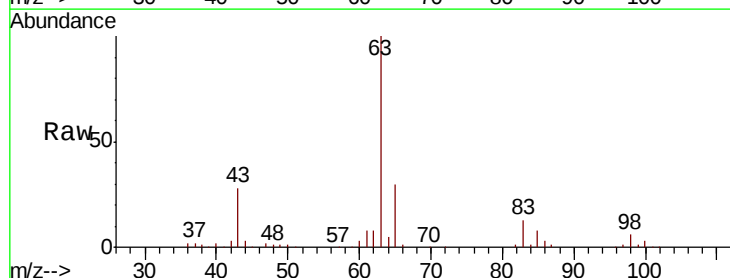
Tgt Ion: 63 Resp: 460974

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

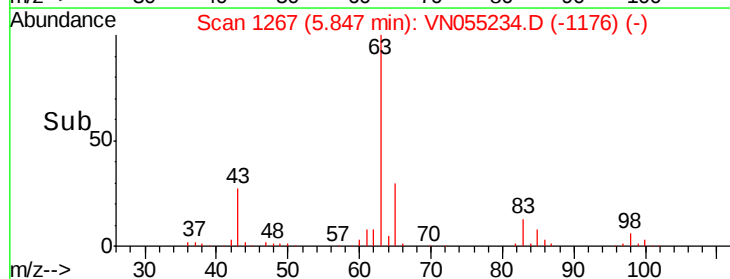
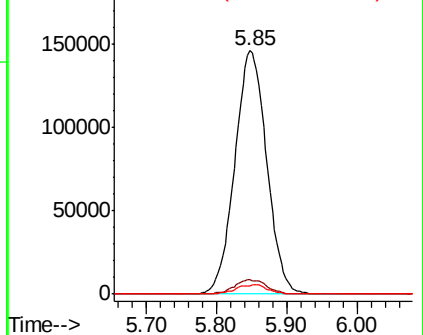
100 3.5 1.8 5.3

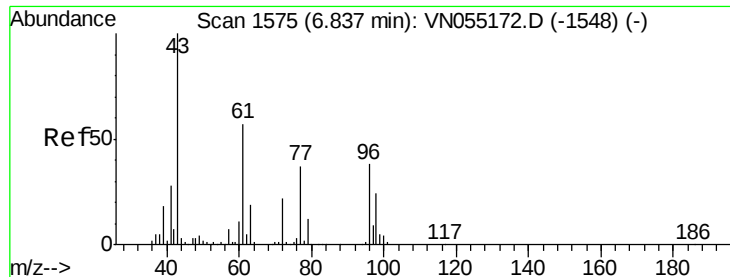


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 228.768 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

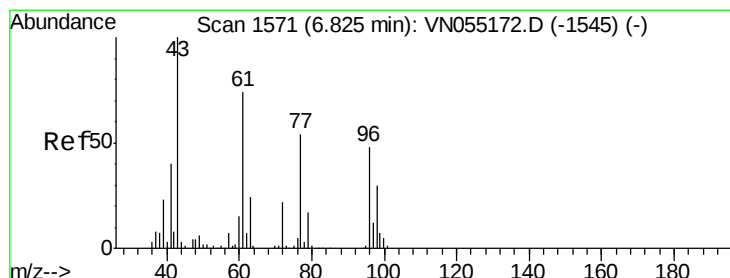
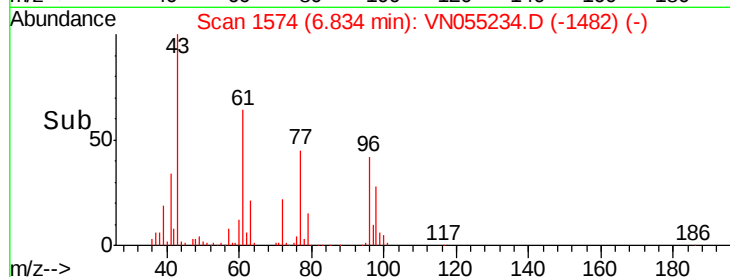
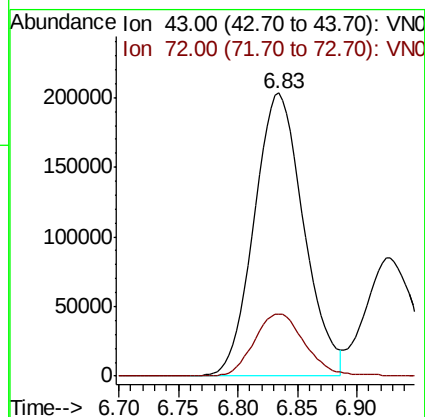
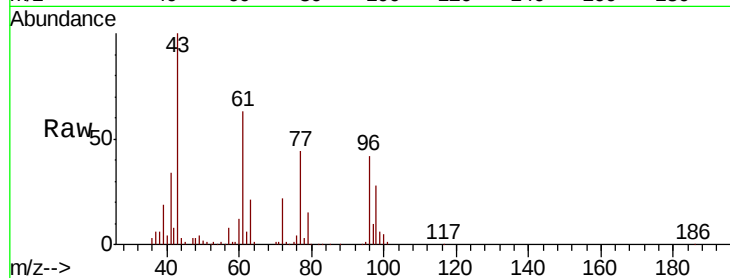
VSTDCCC050

Tot Ion: 43 Resp: 584087

Ion Ratio Lower Upper

43 100

72 21.9 17.8 26.8



#26

2,2-Dichloropropane

Concen: 50.235 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN055234.D

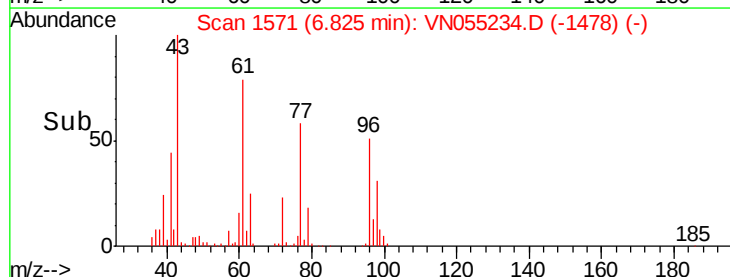
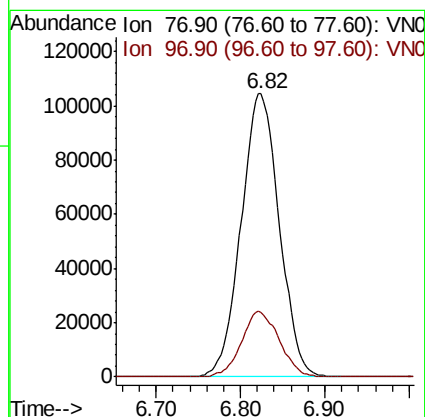
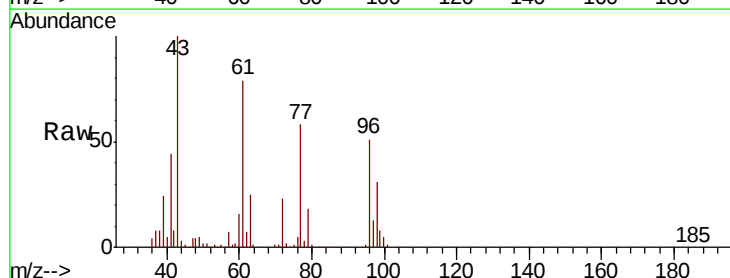
Acq: 25 Apr 2019 9:25

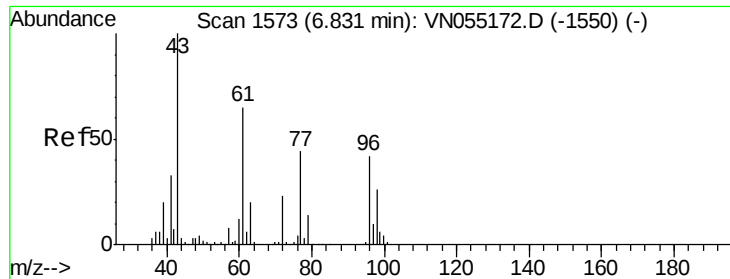
Tgt Ion: 77 Resp: 327642

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8

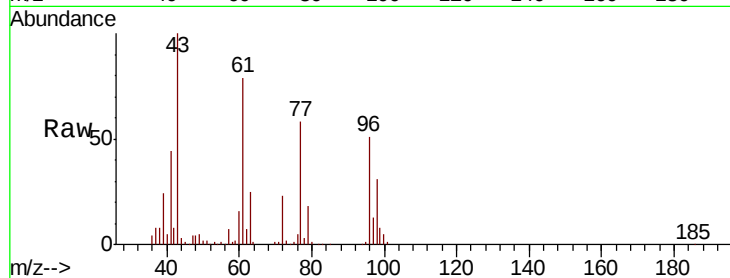




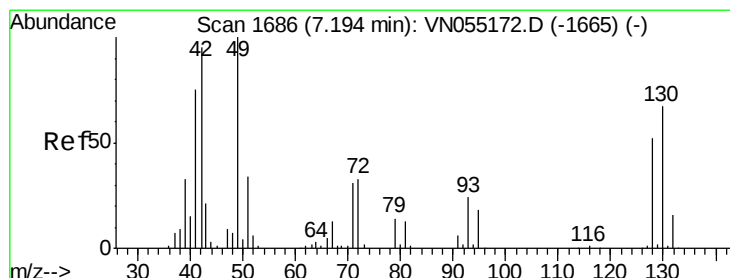
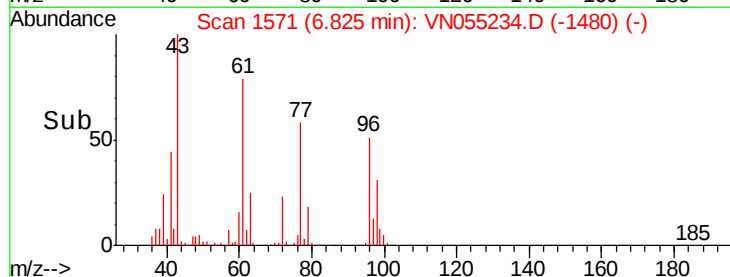
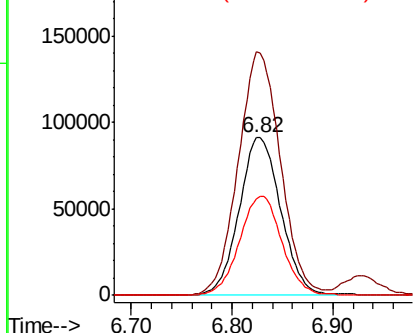
#27
 cis-1,2-Dichloroethene
 Concen: 47.633 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 261823
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 310.8
 98 64.3 0.0 127.4

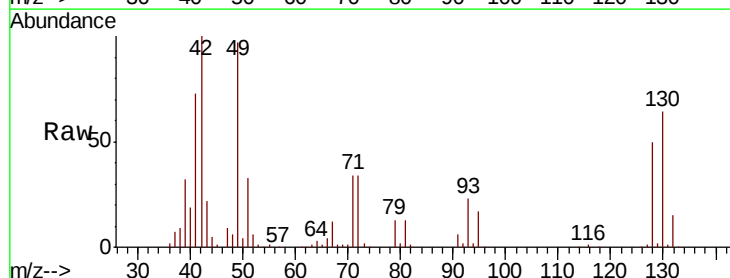


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

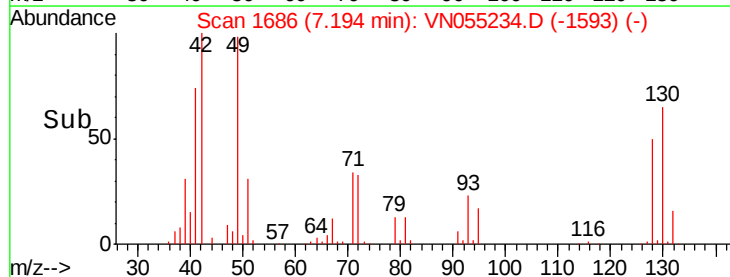
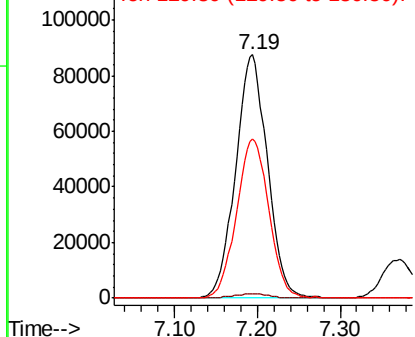


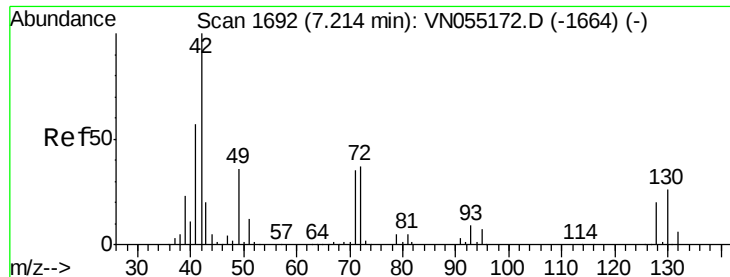
#28
 Bromochloromethane
 Concen: 47.599 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion: 49 Resp: 233852
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 66.0 53.4 80.2



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: 233.342 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

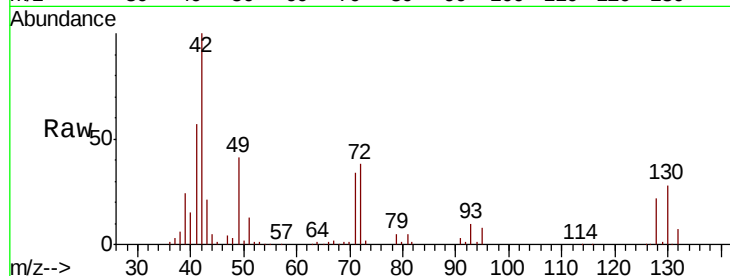
Tot Ion: 42 Resp: 366303

Ion Ratio Lower Upper

42 100

72 36.1 29.4 44.2

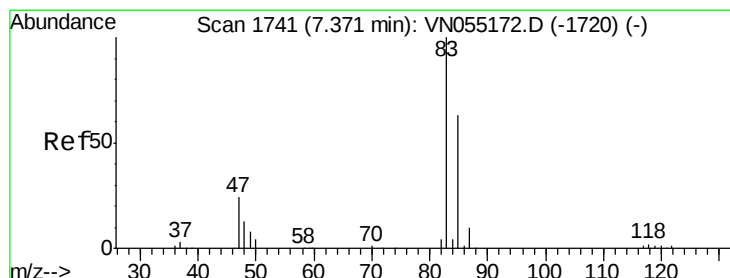
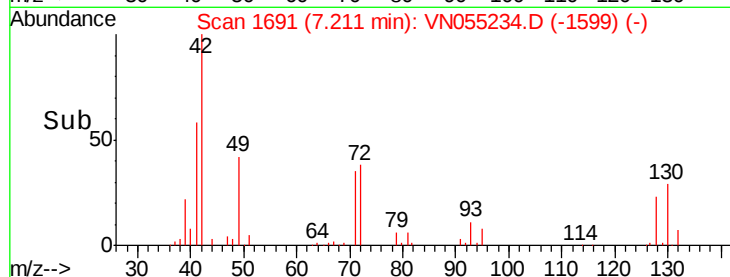
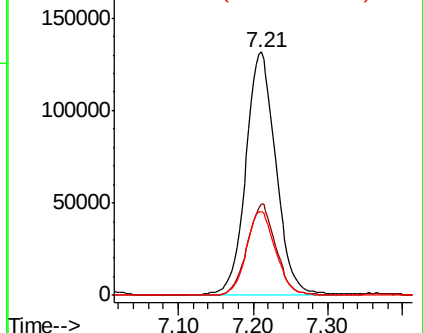
71 33.9 27.8 41.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.564 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055234.D

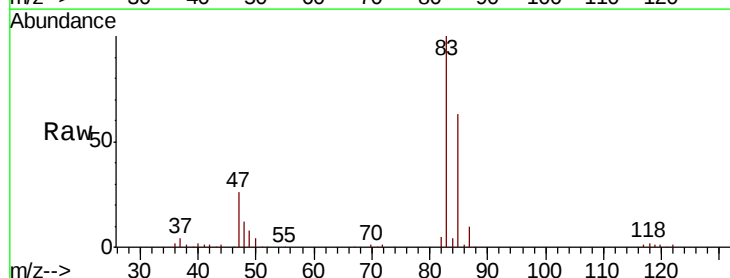
Acq: 25 Apr 2019 9:25

Tgt Ion: 83 Resp: 436058

Ion Ratio Lower Upper

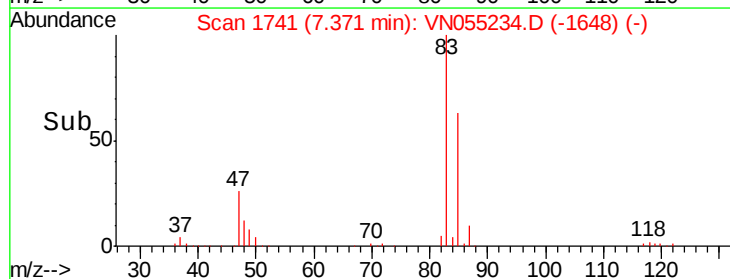
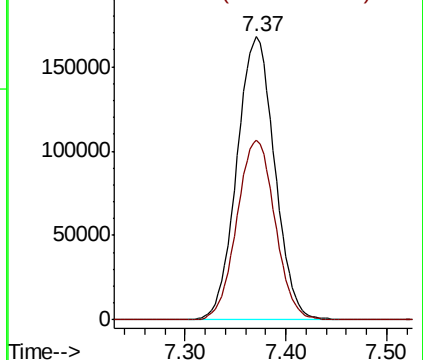
83 100

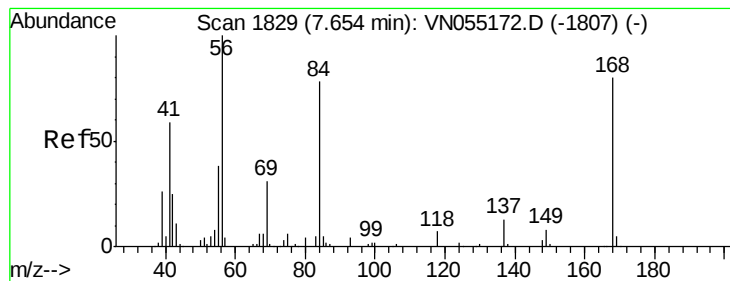
85 63.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.813 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

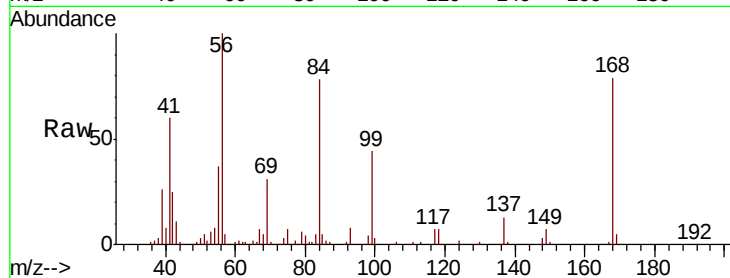
Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 440733

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.6	37.0
84	76.4	61.4	92.2

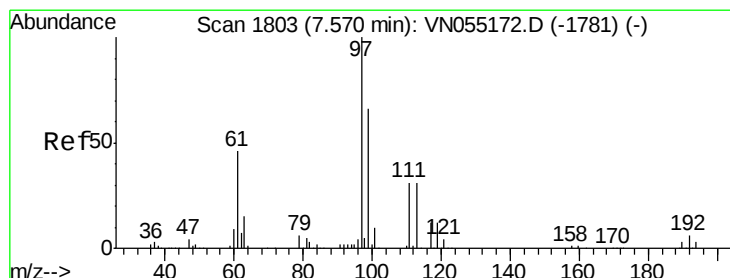
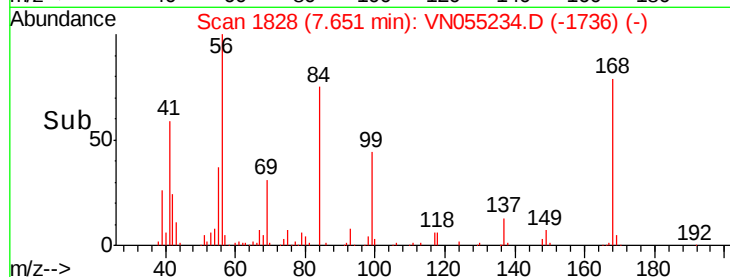
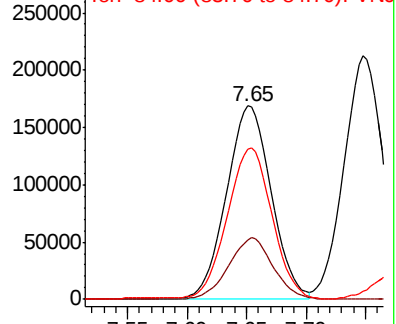


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 49.232 ug/l

RT: 7.57 min Scan# 1803

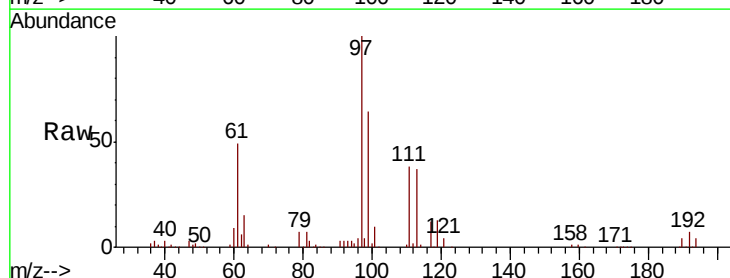
Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Tgt Ion: 97 Resp: 362614

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	48.3	38.3	57.5

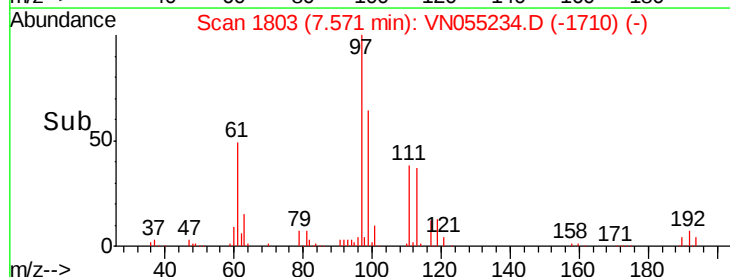
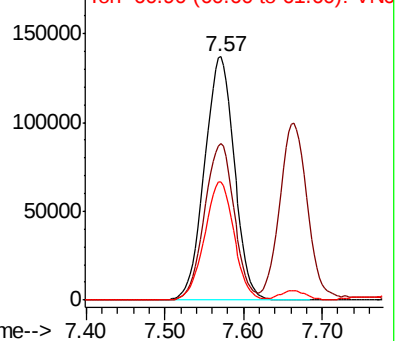


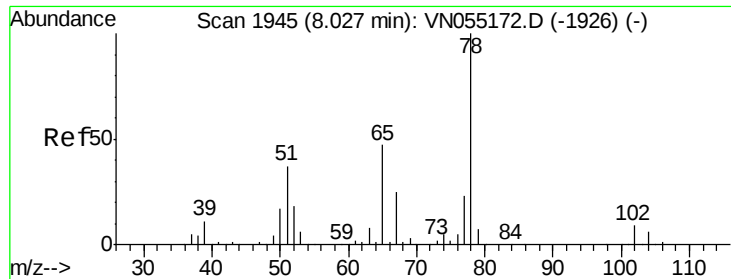
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

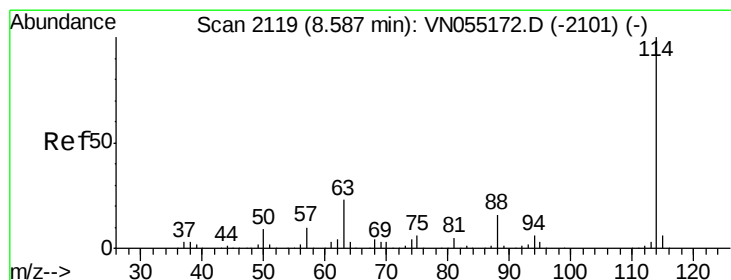
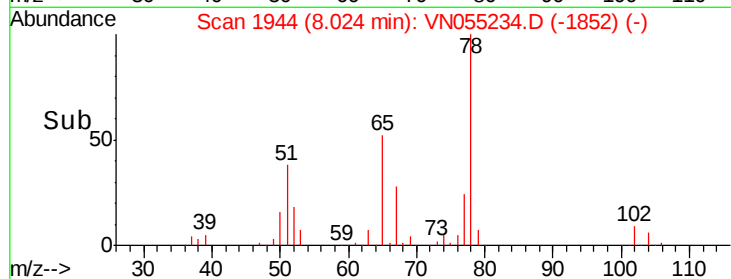
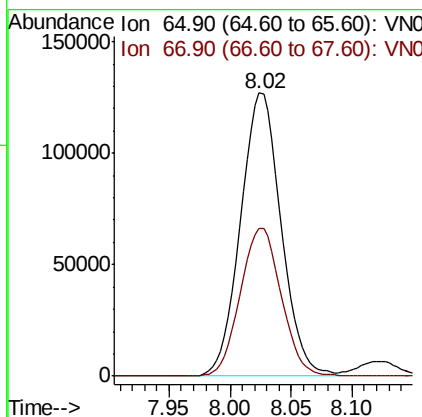
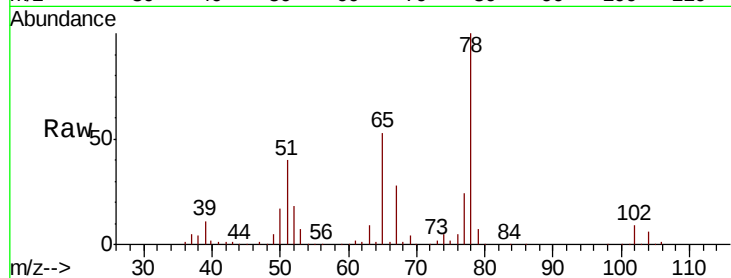




#33
 1,2-Dichloroethane-d4
 Concen: 48.794 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

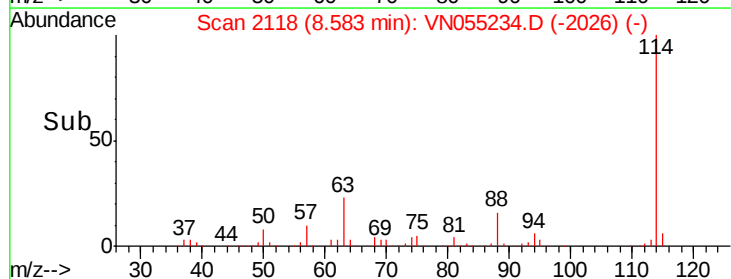
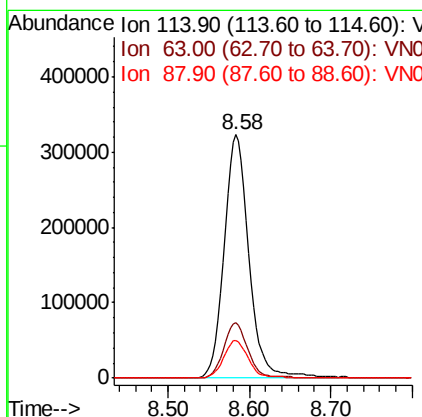
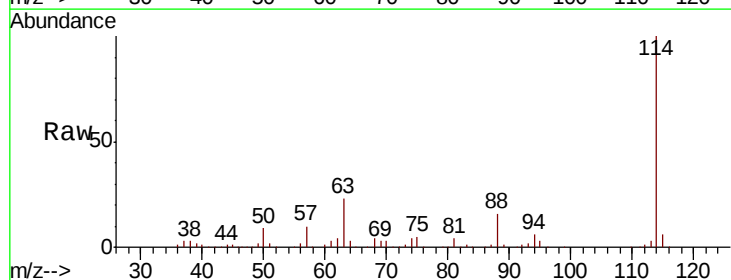
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

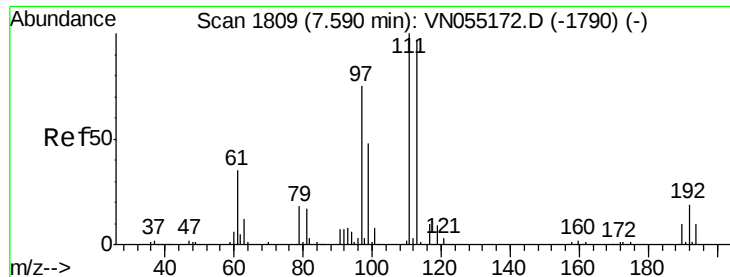
Tot Ion: 65 Resp: 291899
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion: 114 Resp: 695145
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.6 0.0 32.8

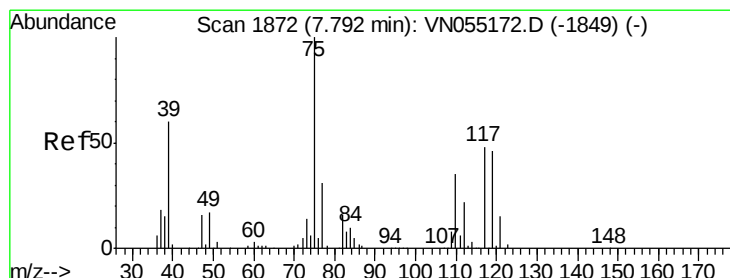
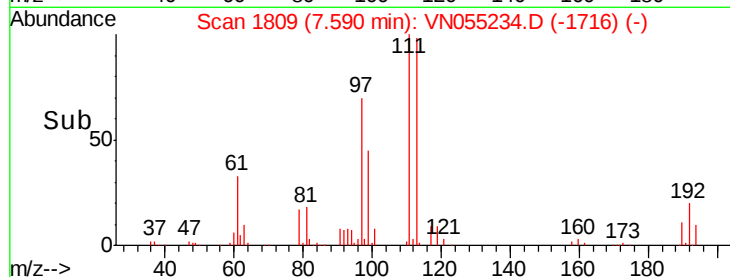
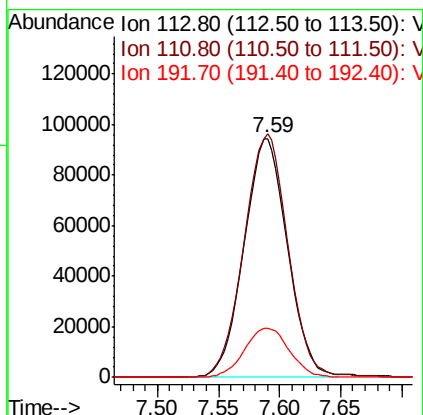
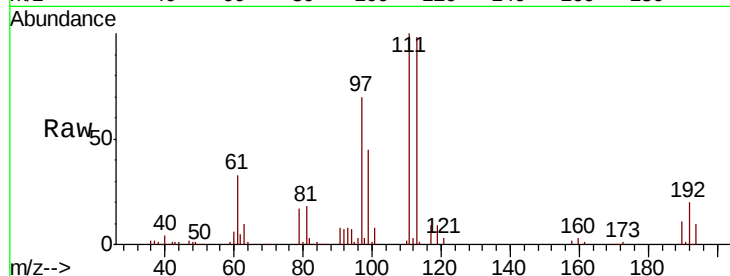




#35
 Dibromofluoromethane
 Concen: 49.268 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

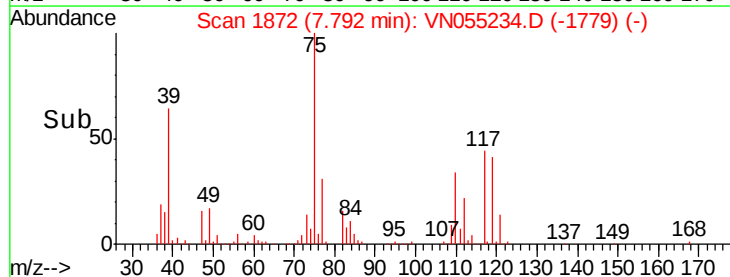
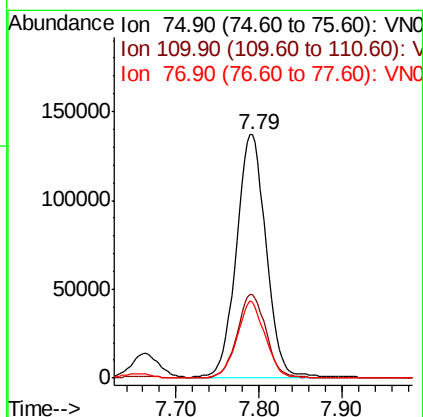
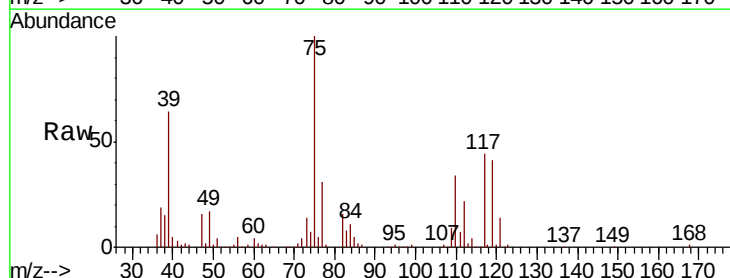
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

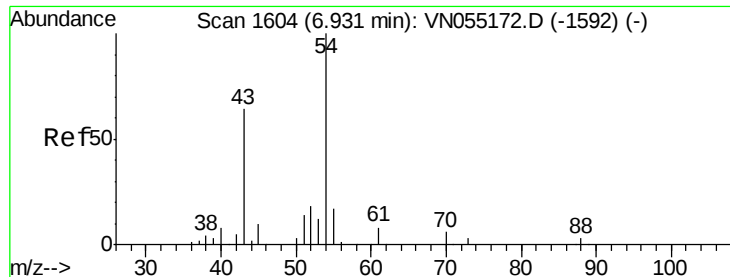
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.4
192	21.4	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 52.679 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.1	51.2
77	30.5	24.6	36.8

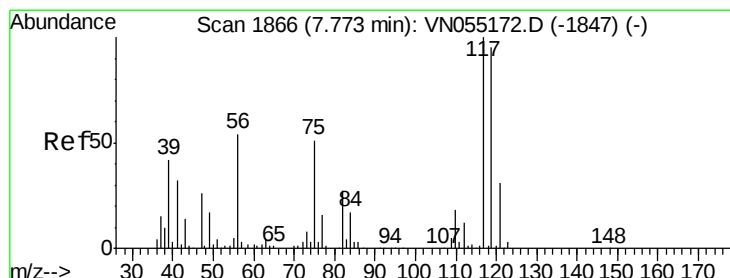
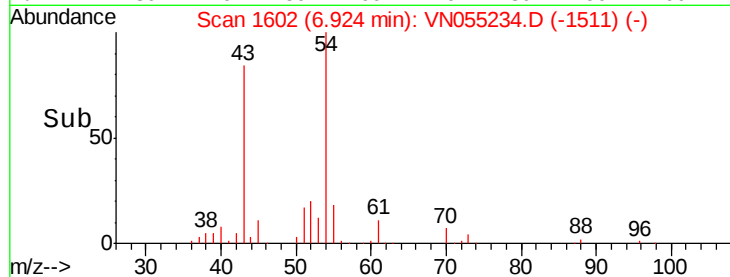
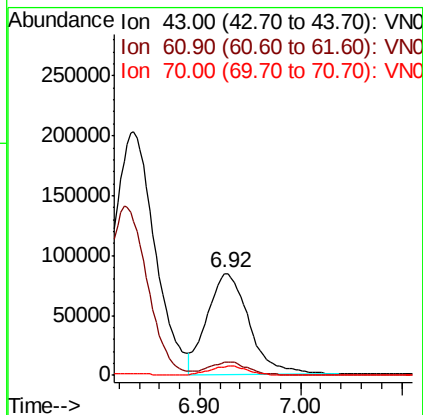
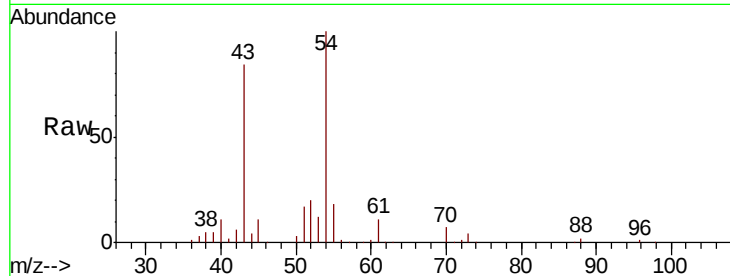




#37
Ethyl Acetate
Concen: 46.442 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

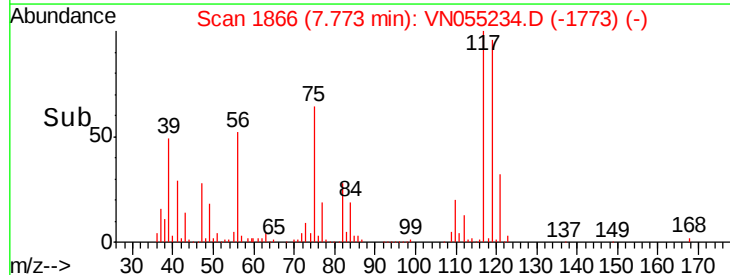
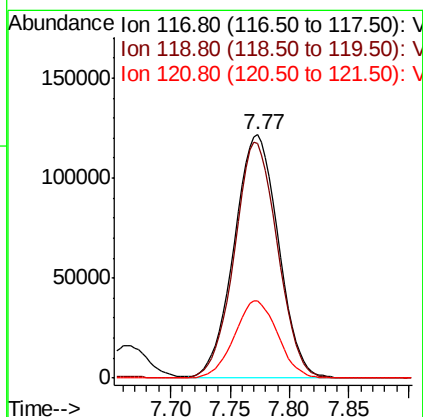
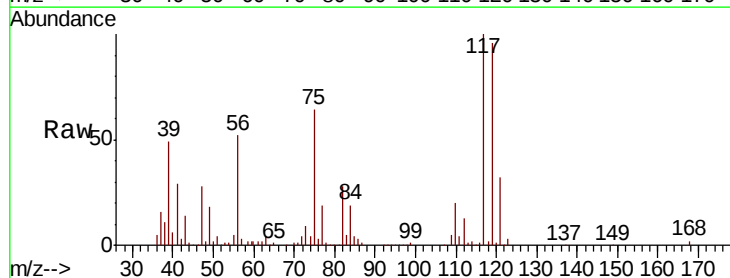
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

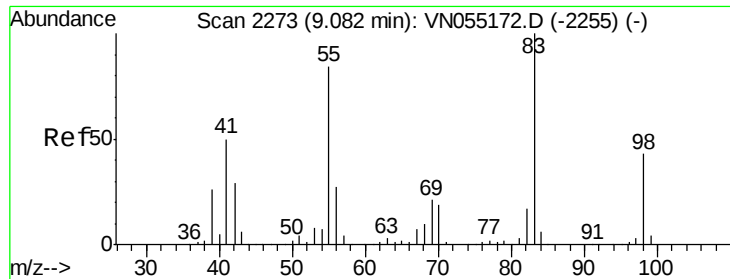
Tot Ion: 43 Resp: 241824
Ion Ratio Lower Upper
43 100
61 12.1 9.7 14.5
70 8.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 51.663 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 117 Resp: 312145
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
121 31.7 24.6 36.8

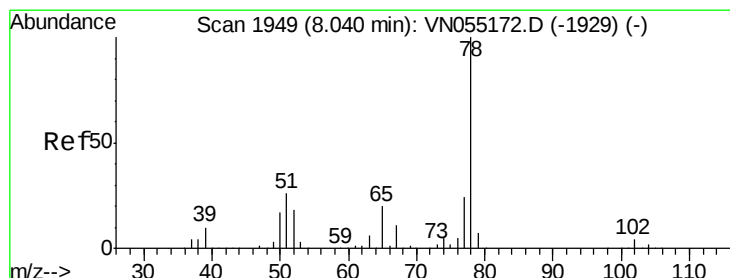
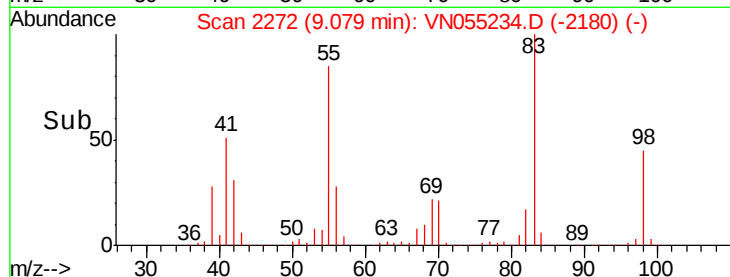
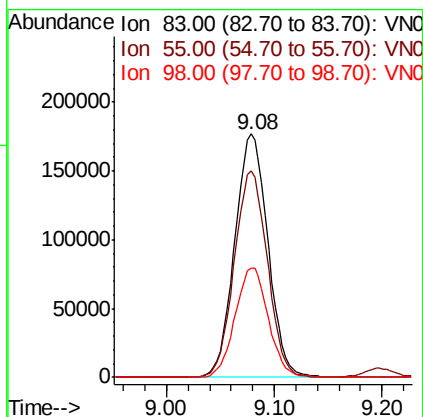
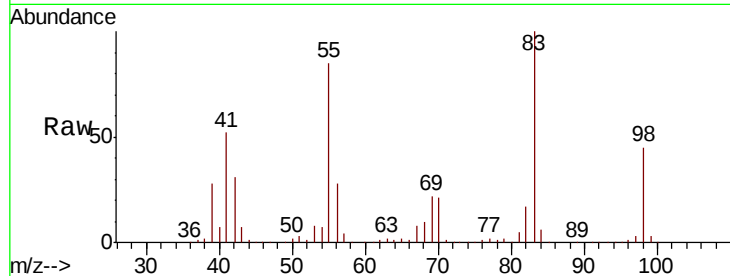




#39
Methvlcvclohexane
Concen: 48.937 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

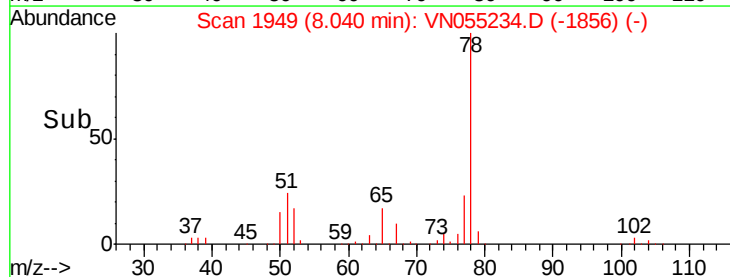
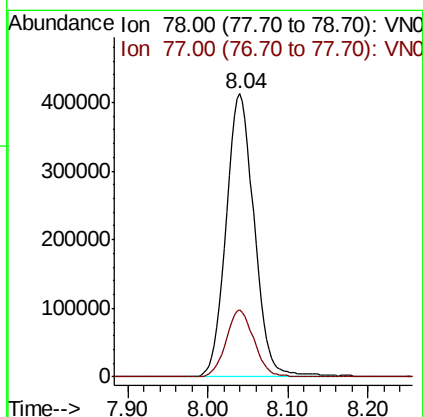
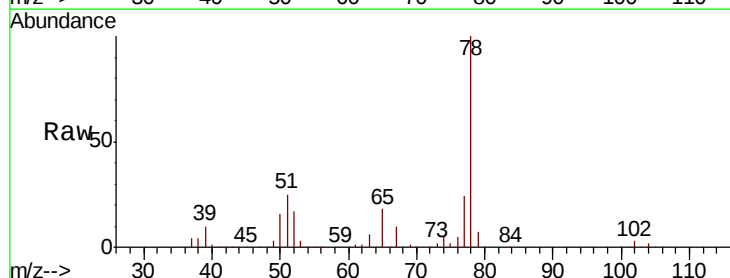
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

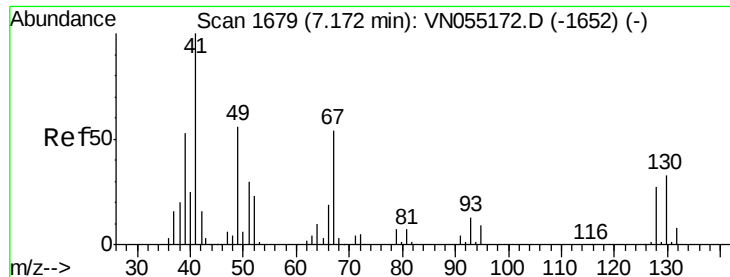
Tot Ion: 83 Resp: 376674
Ion Ratio Lower Upper
83 100
55 85.1 67.4 101.0
98 45.0 34.7 52.1



#40
Benzene
Concen: 49.709 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 78 Resp: 990057
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

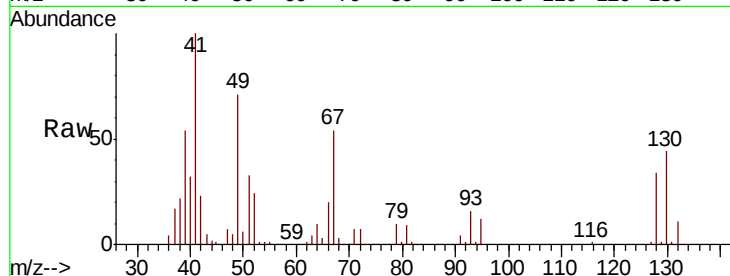




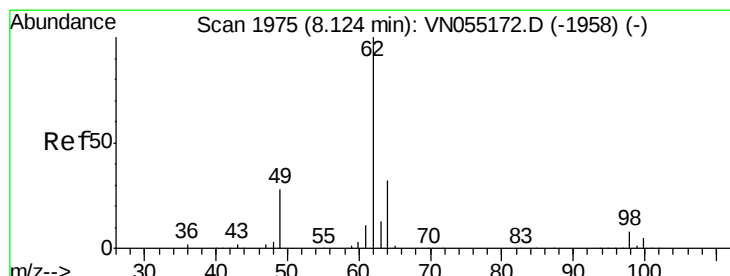
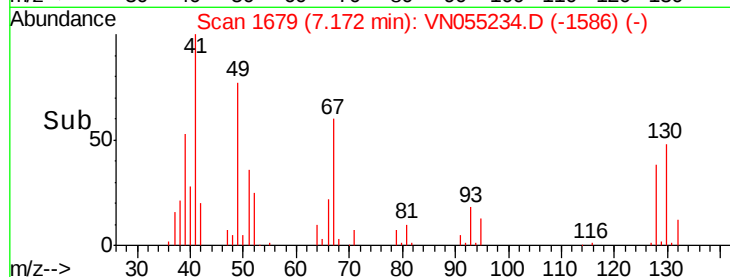
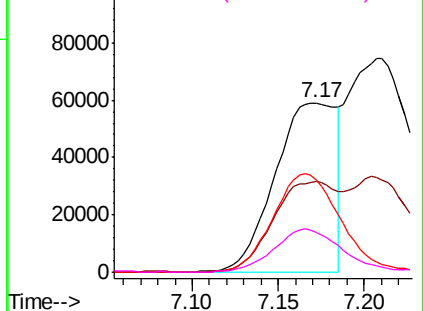
#41
Methacrylonitrile
Concen: 53.401 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	145777
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.4	68.0
67	64.7	54.6	81.8
52	28.4	22.8	34.2

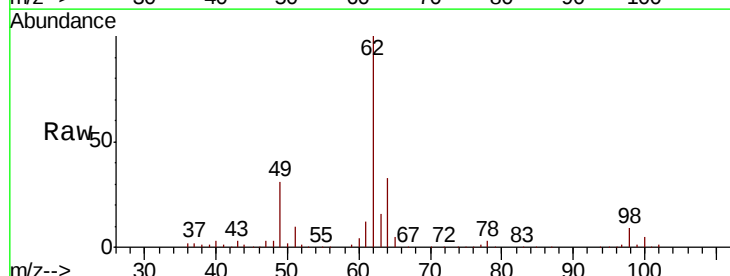


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

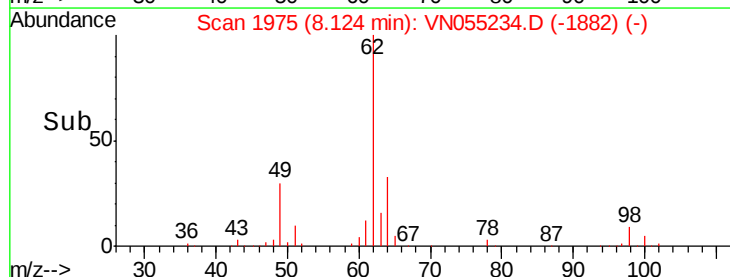
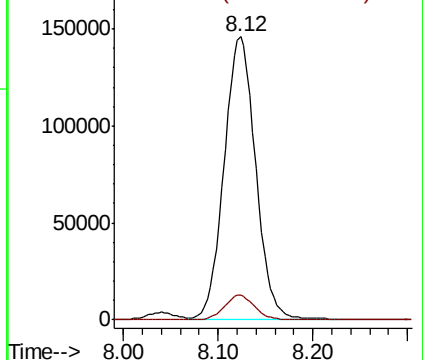


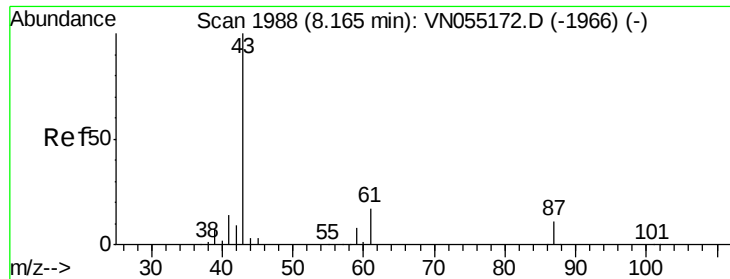
#42
1,2-Dichloroethane
Concen: 48.494 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion:	62	Resp:	336956
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 51.075 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

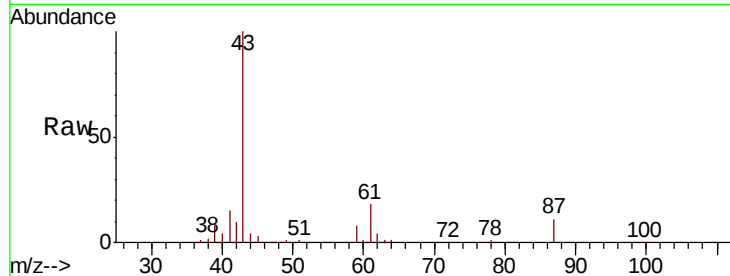
Tot Ion: 43 Resp: 430657

Ion Ratio Lower Upper

43 100

61 16.5 20.6 30.8#

87 10.6 8.8 13.2

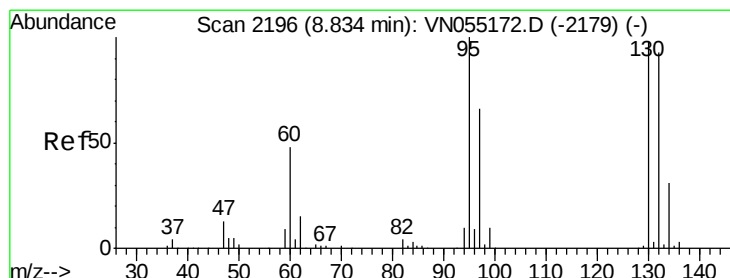
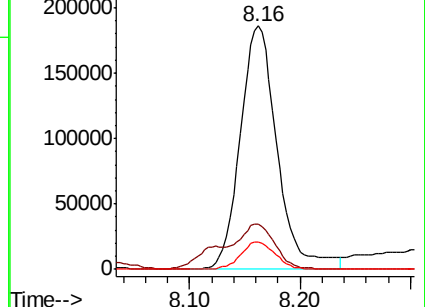
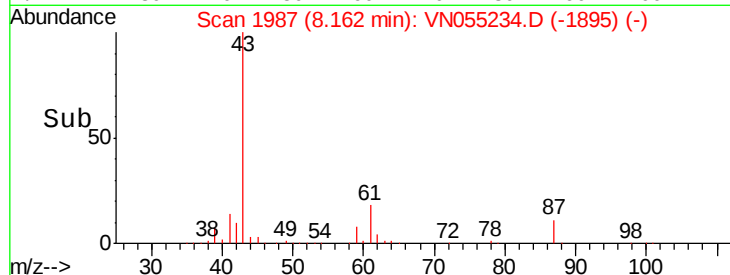


Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 49.757 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055234.D

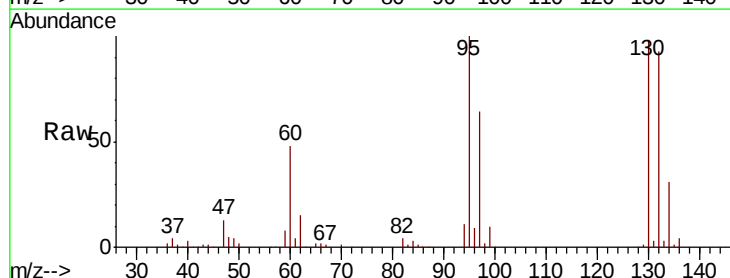
Acq: 25 Apr 2019 9:25

Tgt Ion:130 Resp: 250477

Ion Ratio Lower Upper

130 100

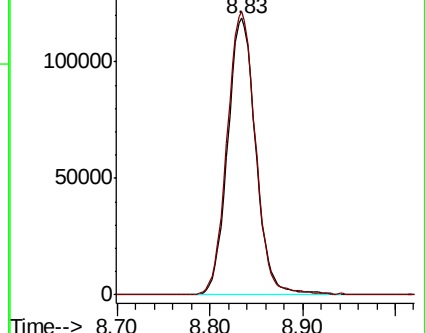
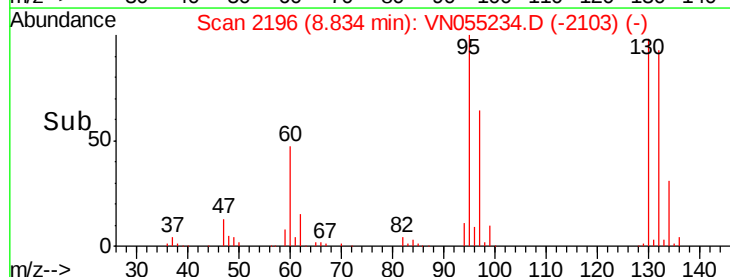
95 102.4 0.0 203.6

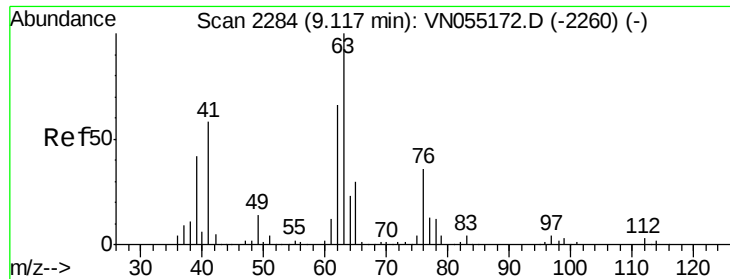


Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 48.897 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

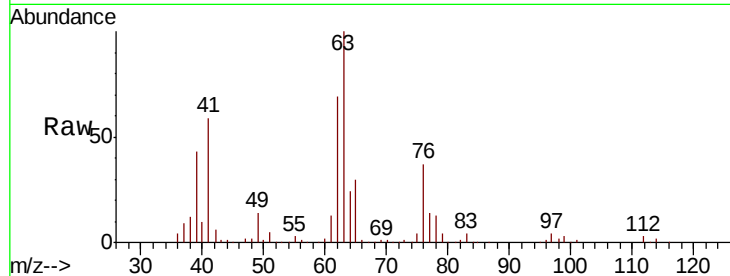
VSTDCCC050

Tot Ion: 63 Resp: 274903

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

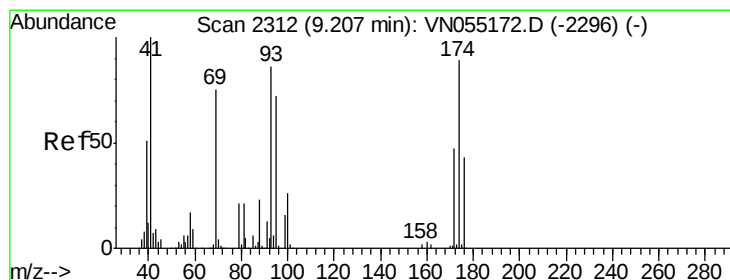
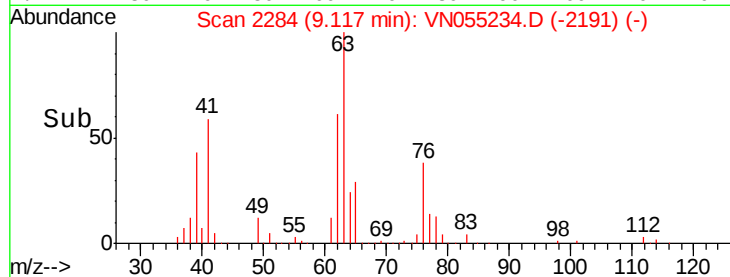
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 47.962 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

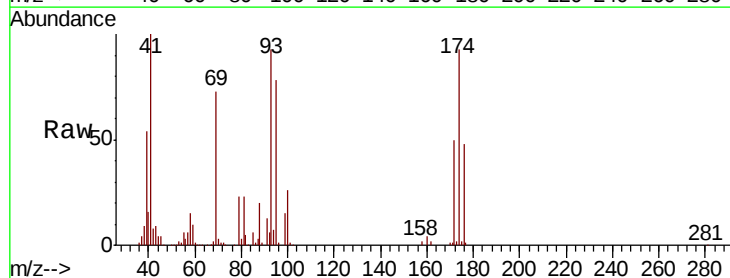
Tgt Ion: 93 Resp: 154361

Ion Ratio Lower Upper

93 100

95 85.3 67.6 101.4

174 101.4 83.4 125.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

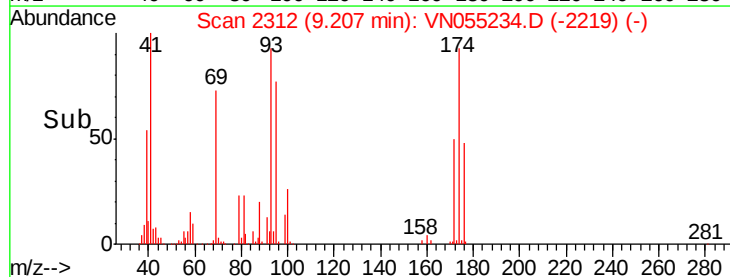
60000

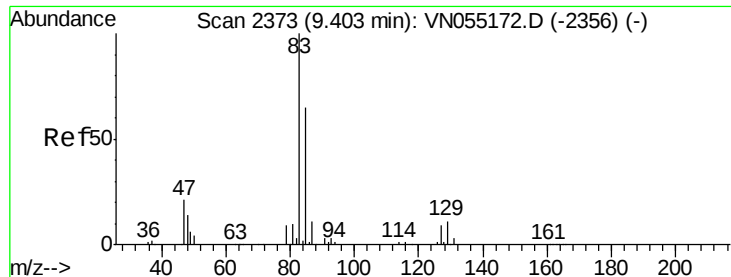
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 52.023 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

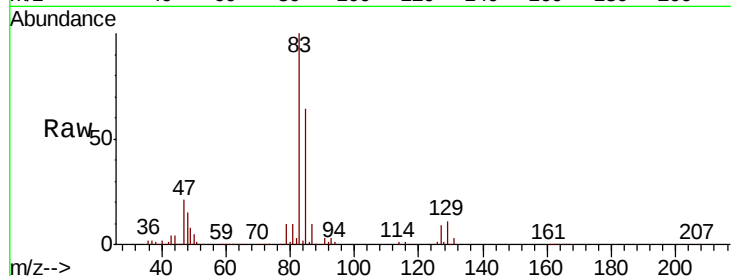
Tot Ion: 83 Resp: 335175

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

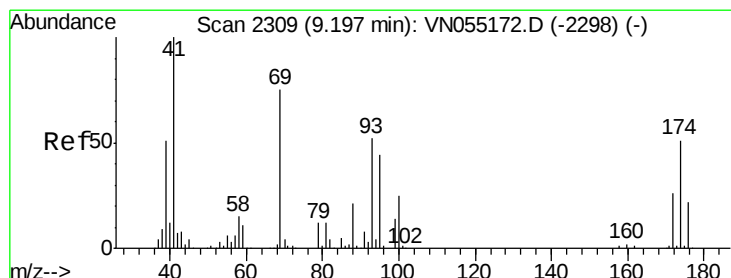
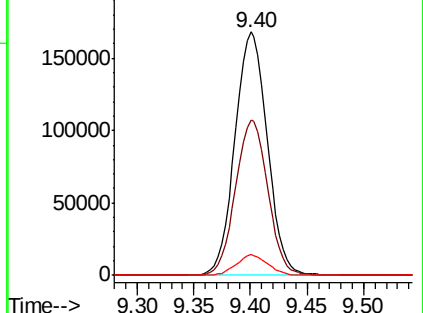
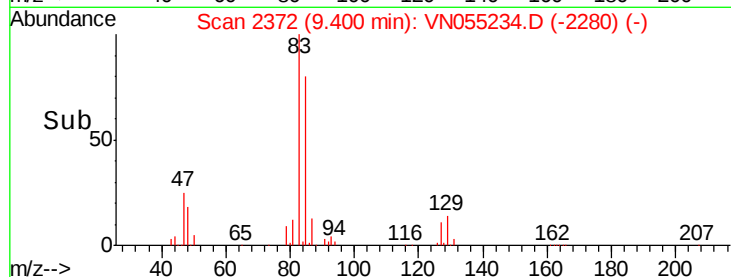
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055172.D (-2356) (-)



#48

Methyl methacrylate

Concen: 47.837 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

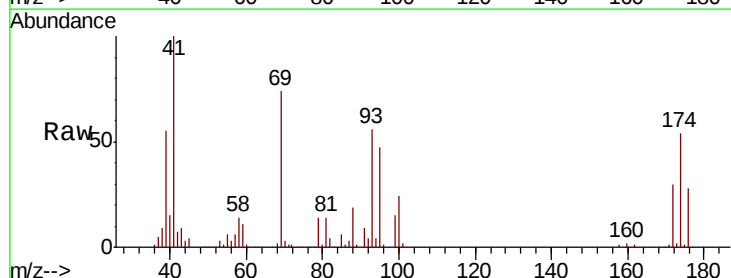
Tgt Ion: 41 Resp: 195655

Ion Ratio Lower Upper

41 100

69 78.0 63.6 95.4

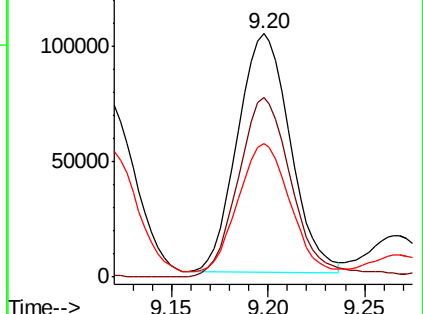
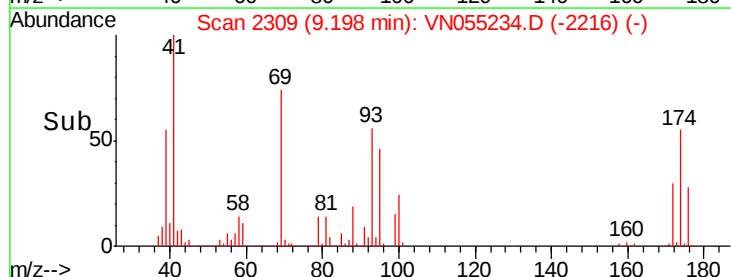
39 56.1 43.8 65.8

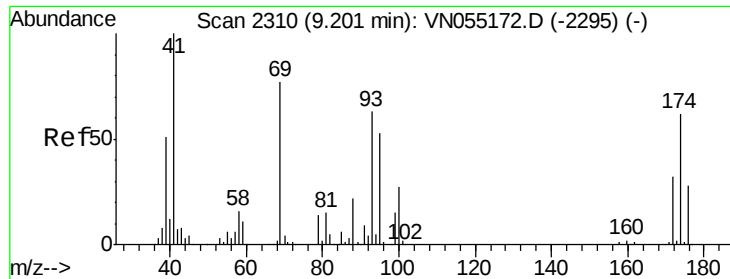


Abundance Ion 41.00 (40.70 to 41.70): VN055172.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN055172.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2298) (-)





#49

1,4-Dioxane

Concen: 913.992 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

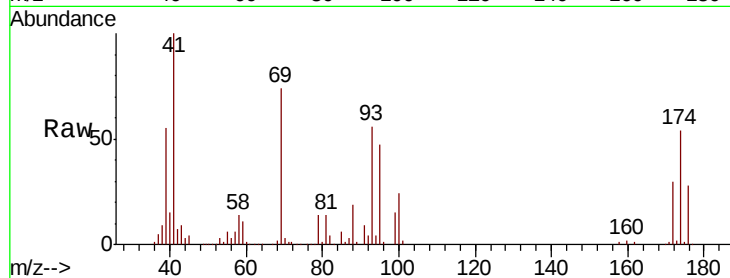
Tot Ion: 88 Resp: 43171

Ion Ratio Lower Upper

88 100

43 39.8 32.0 48.0

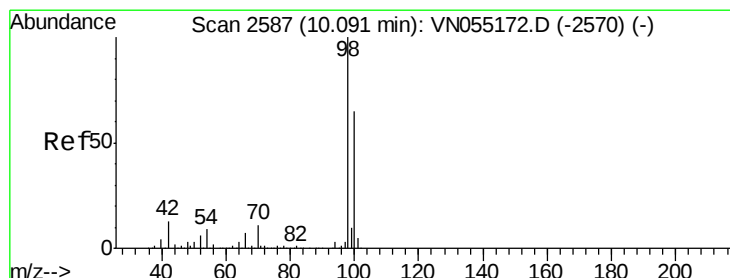
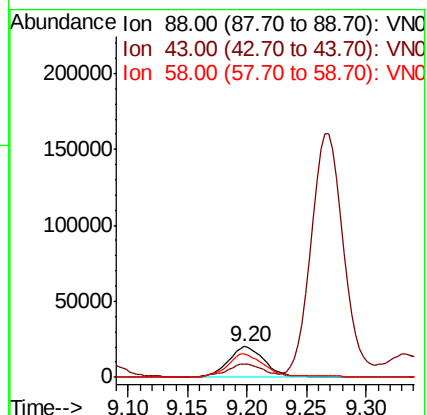
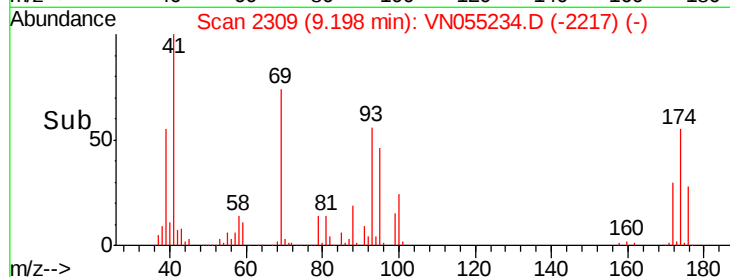
58 75.9 60.4 90.6



Abundance Ion 88.00 (87.70 to 88.70): VN055172.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN055172.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2295) (-)



#50

Toluene-d8

Concen: 49.754 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055234.D

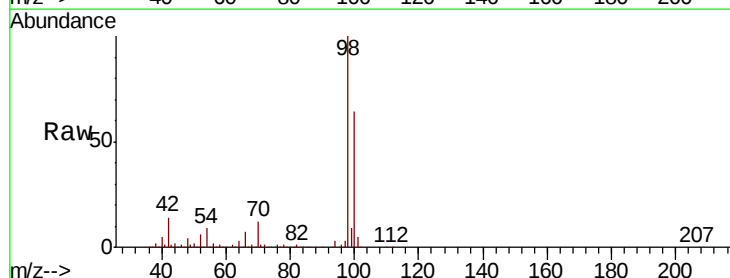
Acq: 25 Apr 2019 9:25

Tgt Ion: 98 Resp: 870560

Ion Ratio Lower Upper

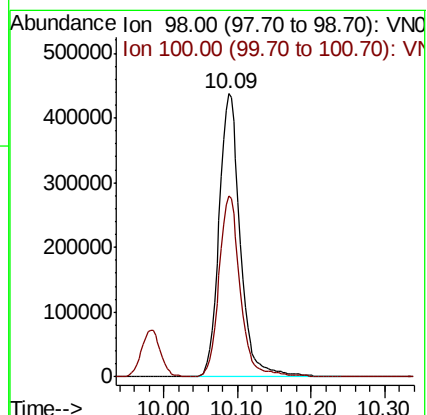
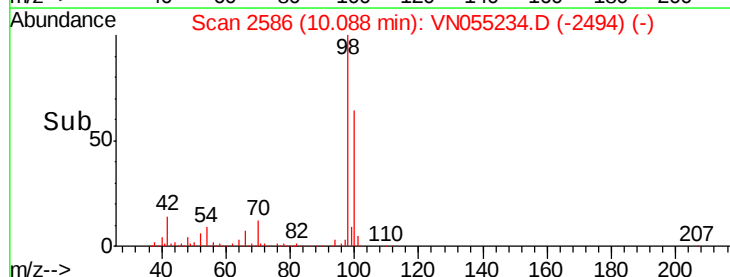
98 100

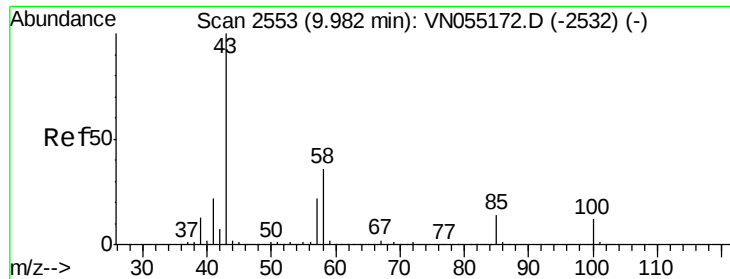
100 64.4 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 238.826 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

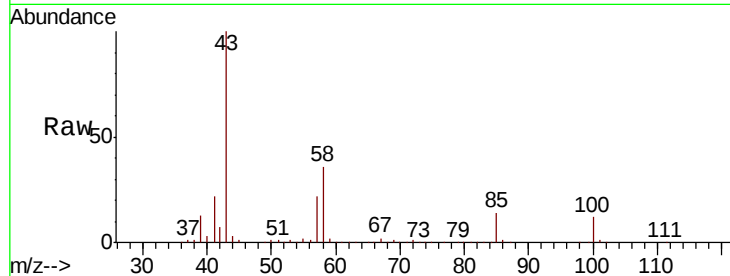
VSTDCCC050

Tot Ion: 43 Resp: 1158772

Ion Ratio Lower Upper

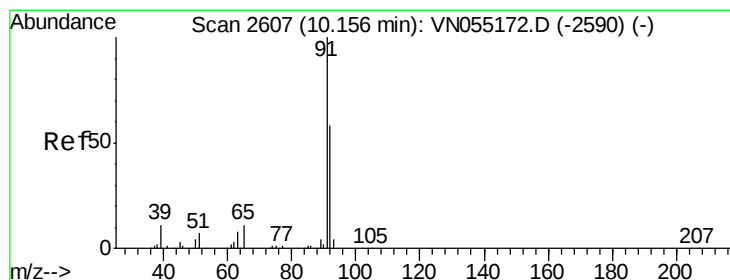
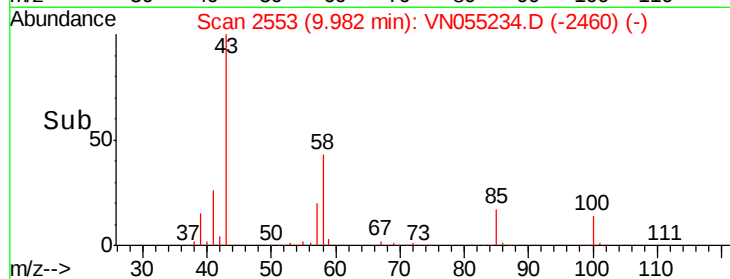
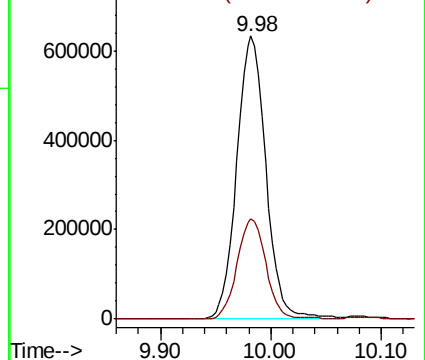
43 100

58 35.4 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.595 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055234.D

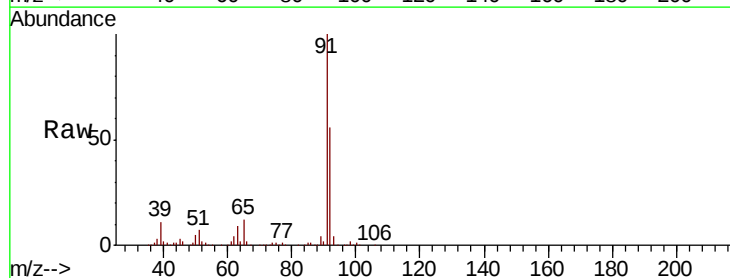
Acq: 25 Apr 2019 9:25

Tgt Ion: 92 Resp: 590742

Ion Ratio Lower Upper

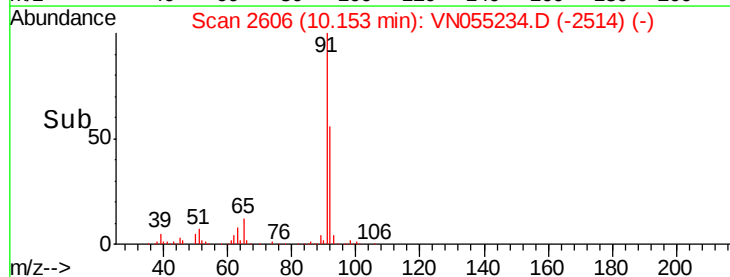
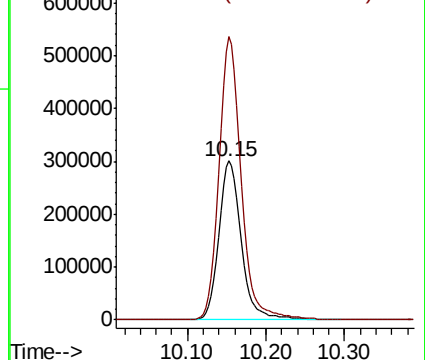
92 100

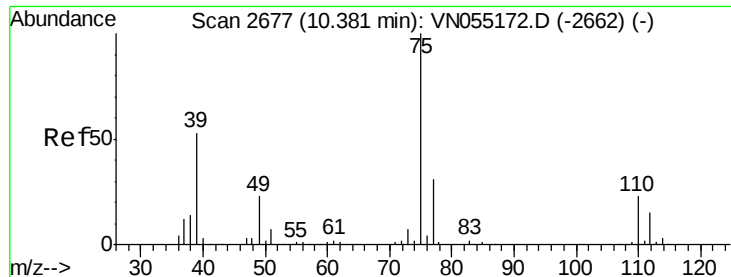
91 176.0 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 54.948 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

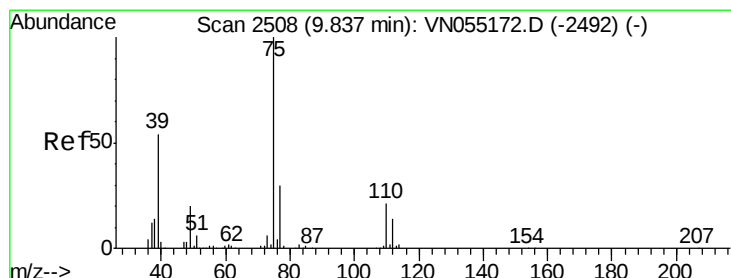
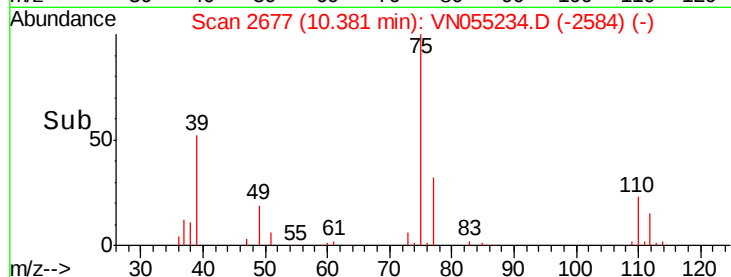
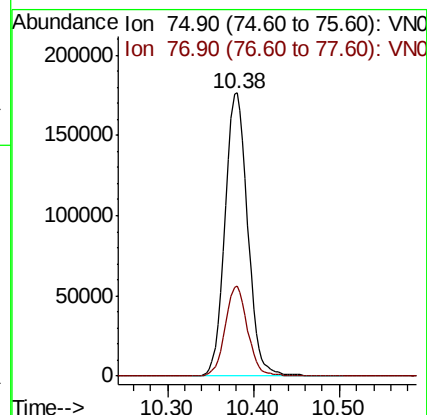
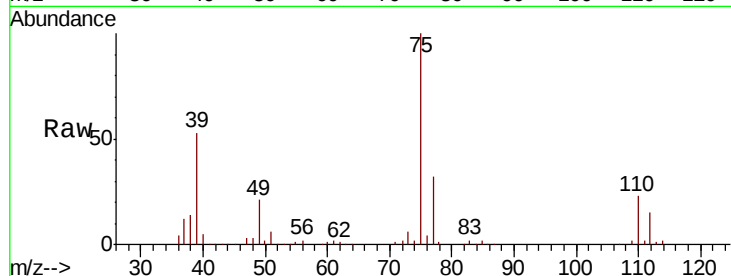
VSTDCCC050

Tot Ion: 75 Resp: 324889

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 53.314 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

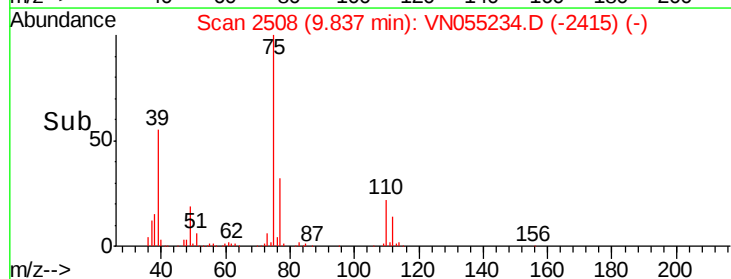
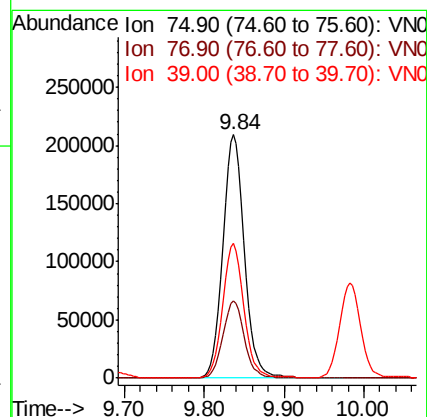
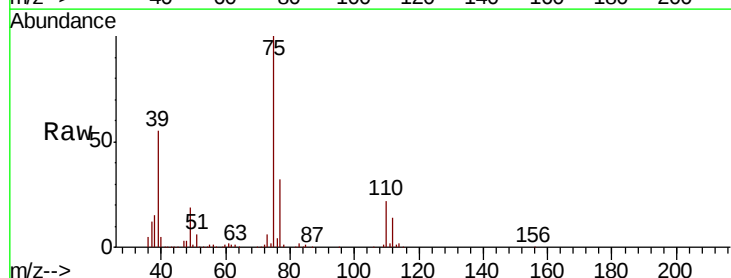
Tgt Ion: 75 Resp: 391186

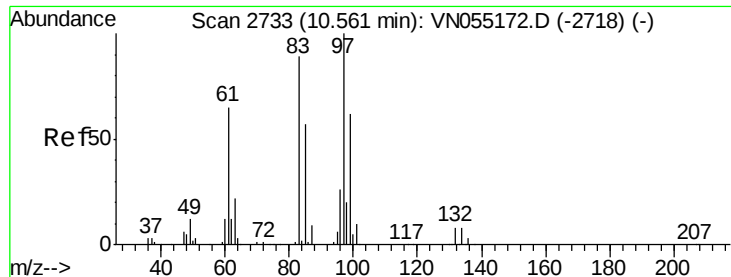
Ion Ratio Lower Upper

75 100

77 31.8 24.3 36.5

39 55.1 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 48.634 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 209352

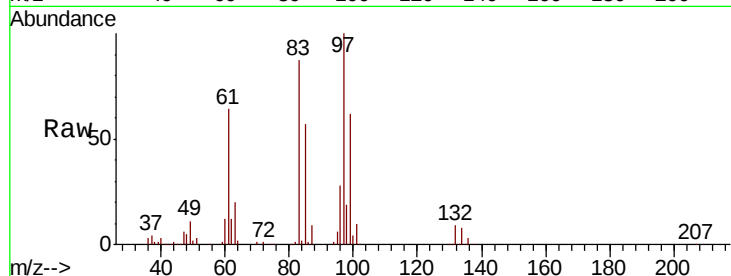
Ion Ratio Lower Upper

97 100

83 87.0 71.5 107.3

85 56.9 45.8 68.6

99 62.0 49.9 74.9

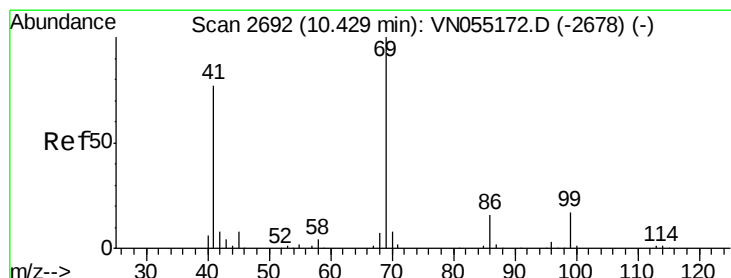
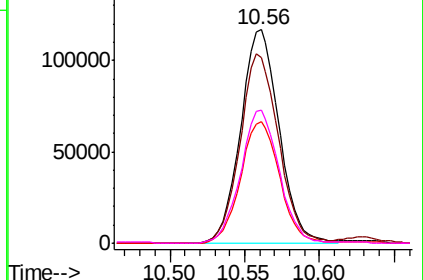
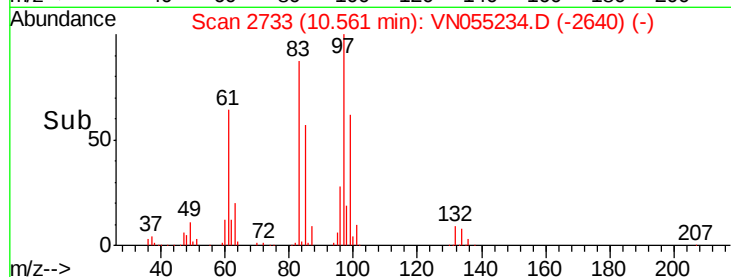


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 51.502 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

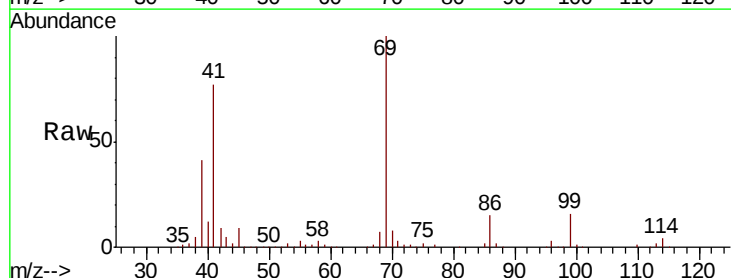
Tgt Ion: 69 Resp: 276176

Ion Ratio Lower Upper

69 100

41 75.9 60.6 90.8

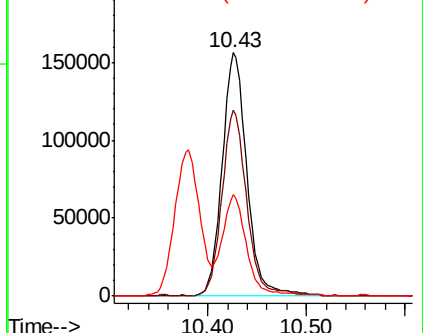
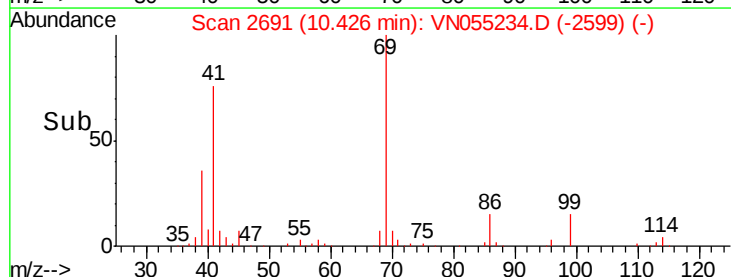
39 40.9 31.7 47.5

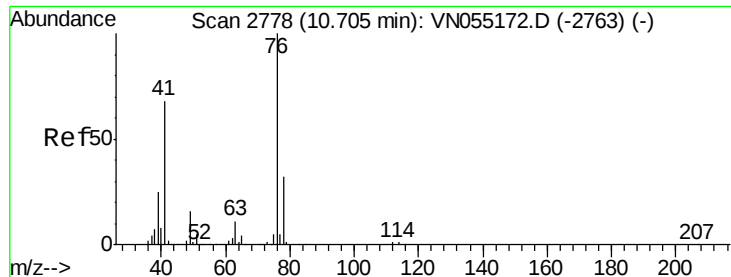


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.295 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

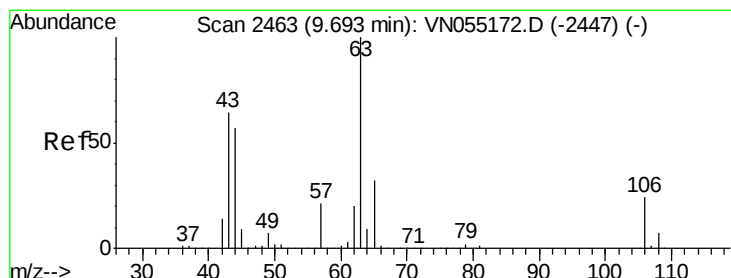
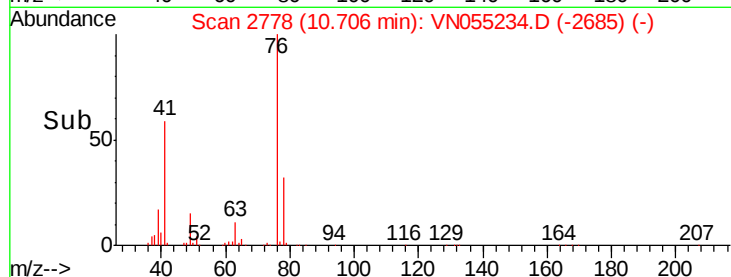
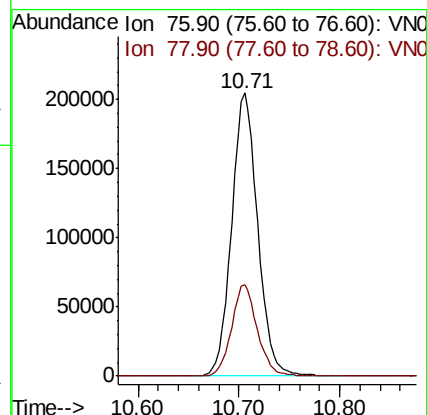
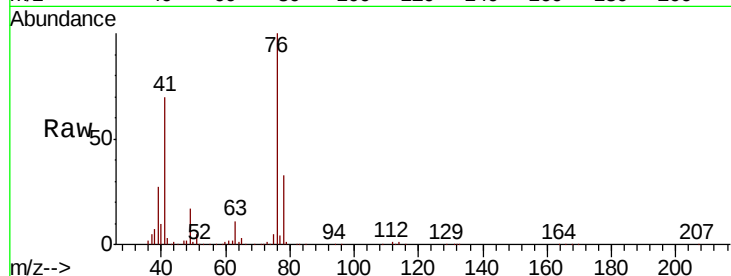
VSTDCCC050

Tot Ion: 76 Resp: 369185

Ion Ratio Lower Upper

76 100

78 31.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 186.832 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055234.D

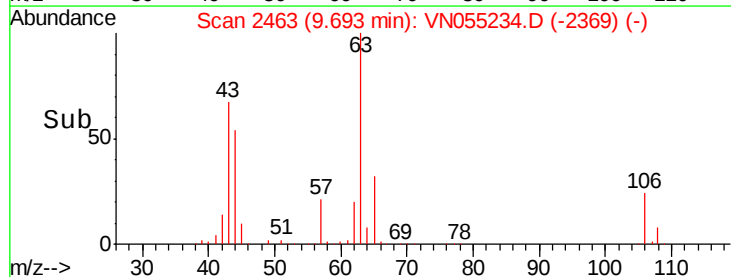
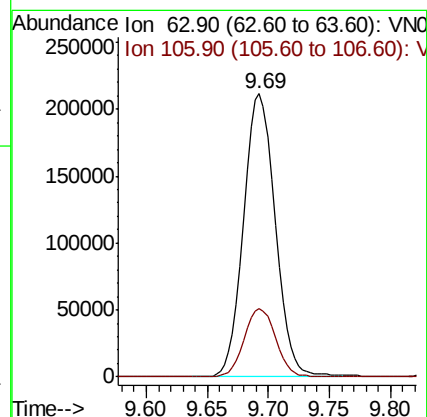
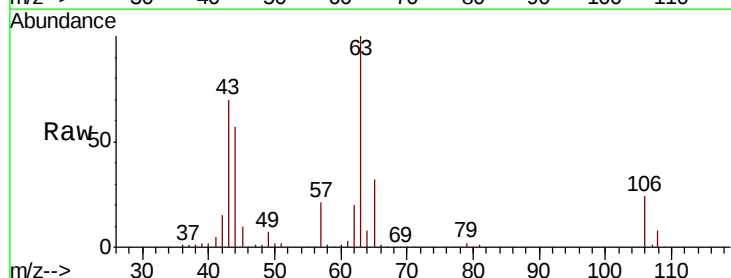
Acq: 25 Apr 2019 9:25

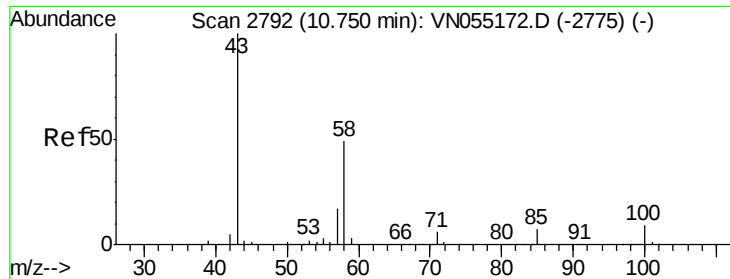
Tgt Ion: 63 Resp: 379876

Ion Ratio Lower Upper

63 100

106 24.1 19.4 29.0

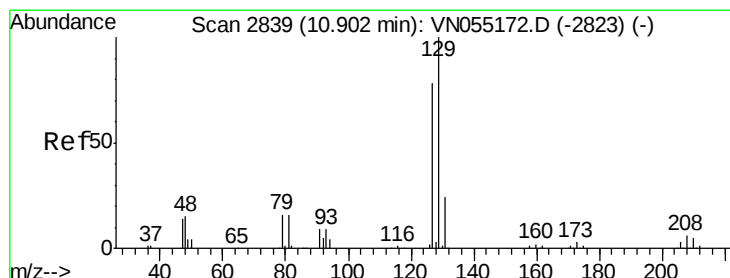
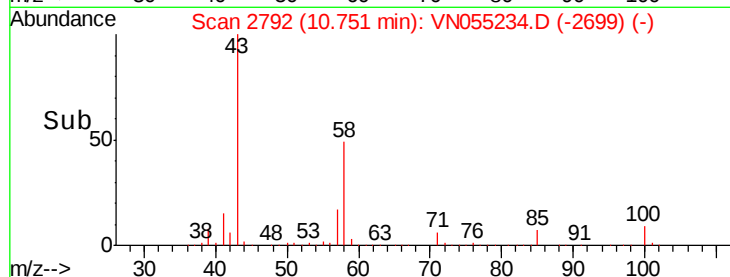
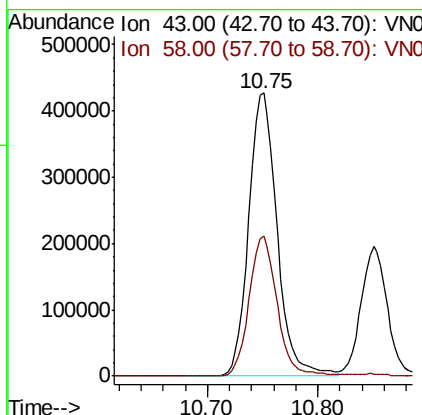
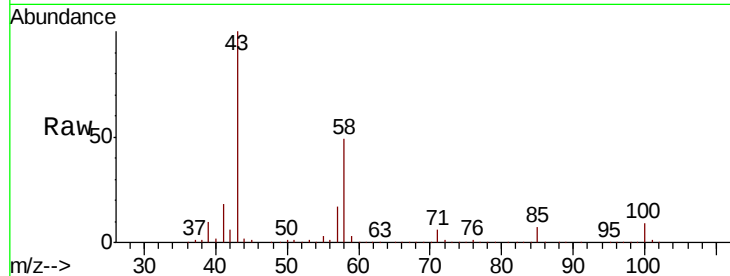




#59
2-Hexanone
Concen: 247.820 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

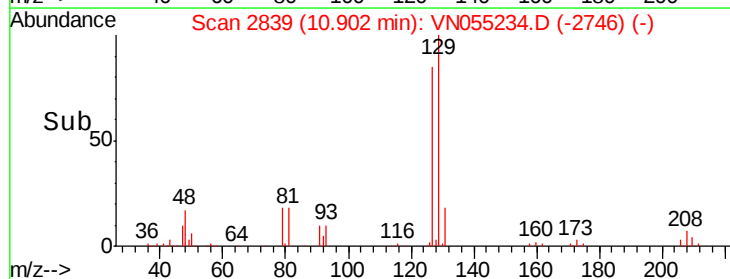
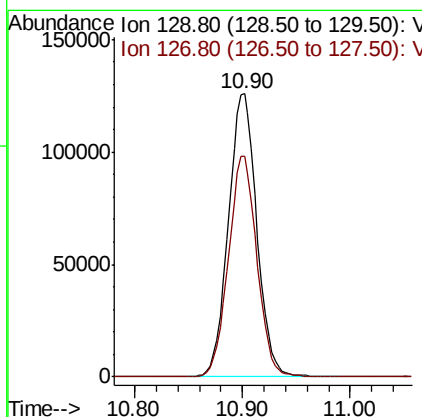
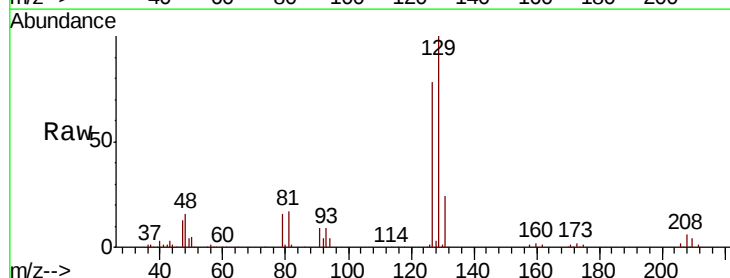
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

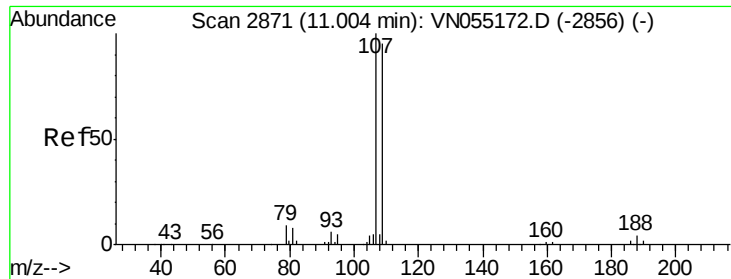
Tot Ion: 43 Resp: 759497
Ion Ratio Lower Upper
43 100
58 49.2 24.5 73.5



#60
Dibromochloromethane
Concen: 52.169 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 129 Resp: 231306
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

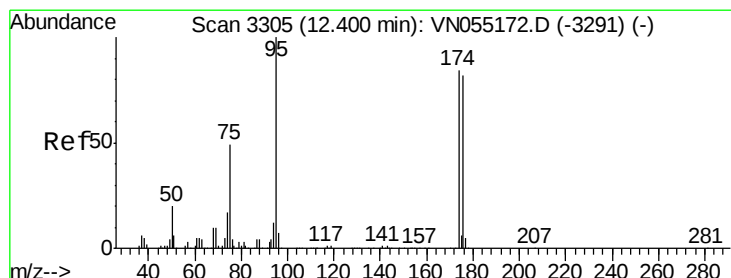
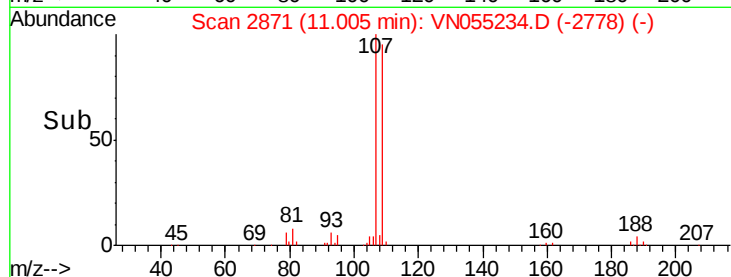
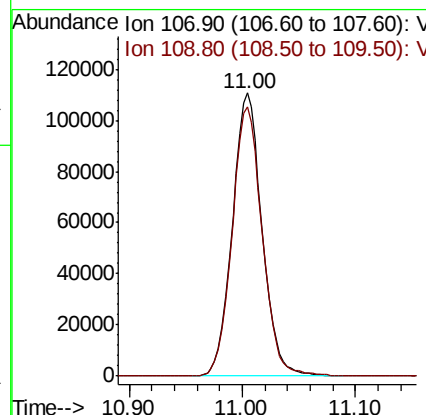
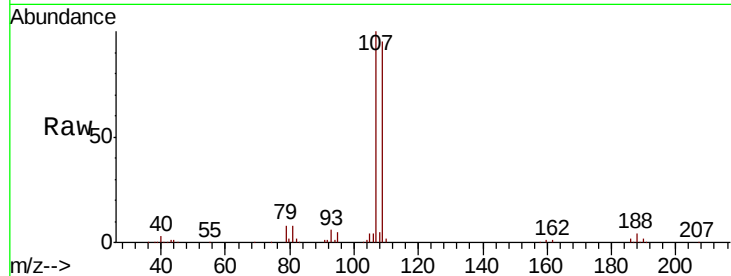




#61
 1,2-Dibromoethane
 Concen: 49.798 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

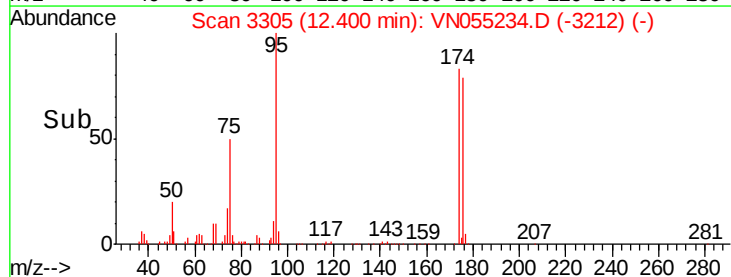
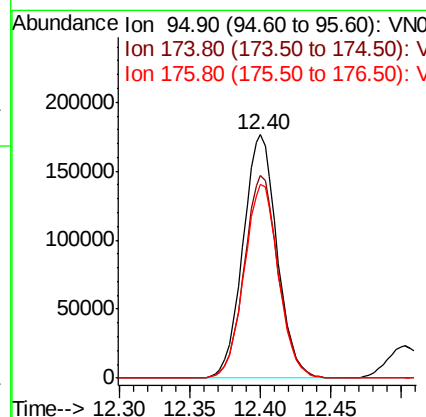
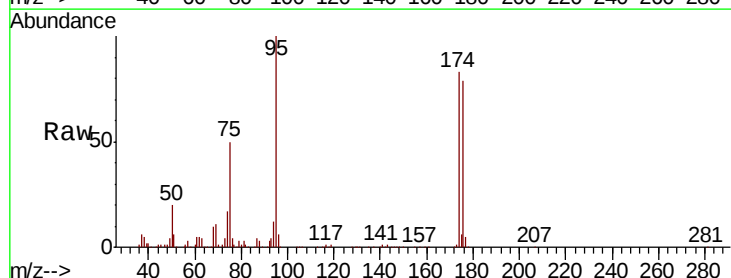
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

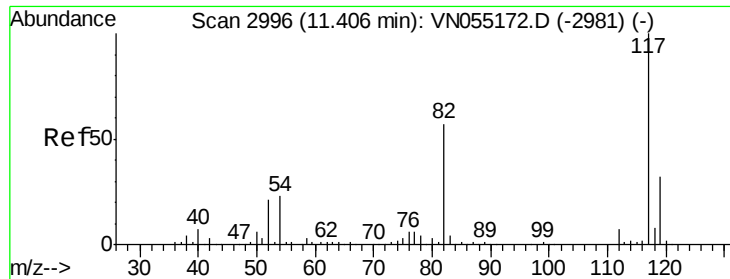
Tot Ion:107 Resp: 201542
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 53.751 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion: 95 Resp: 297832
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 168.4
 176 80.3 0.0 164.0

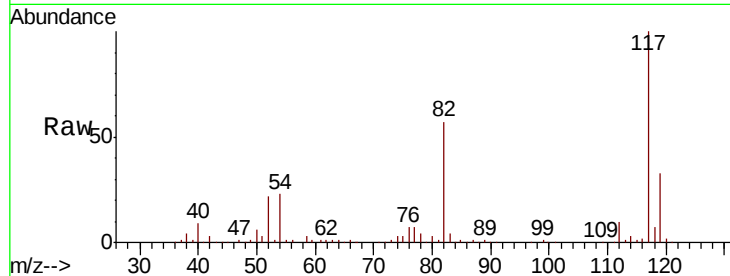




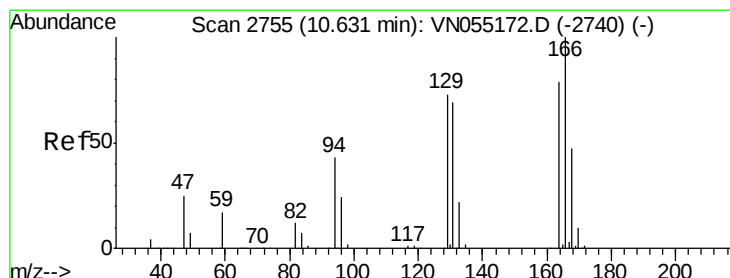
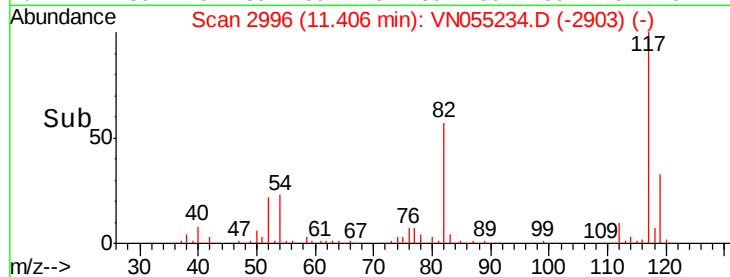
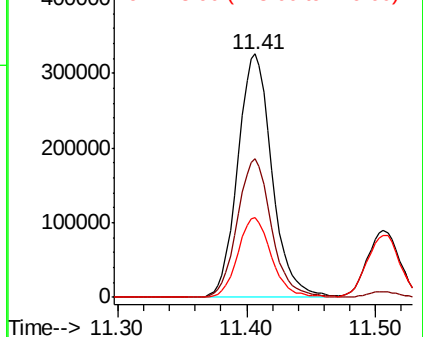
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 602023
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 32.6 25.4 38.2

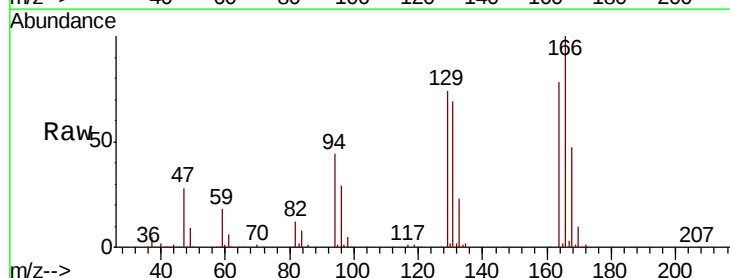


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

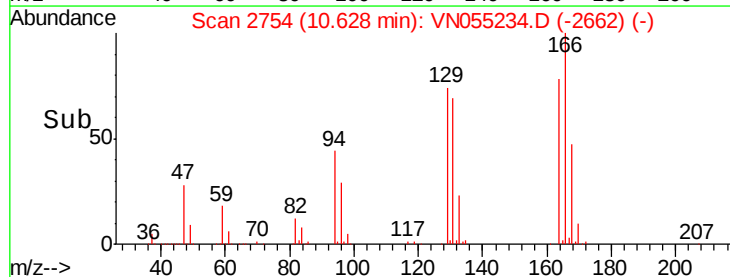
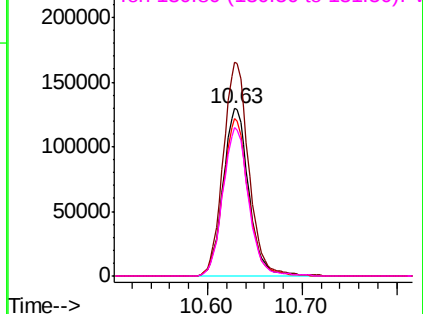


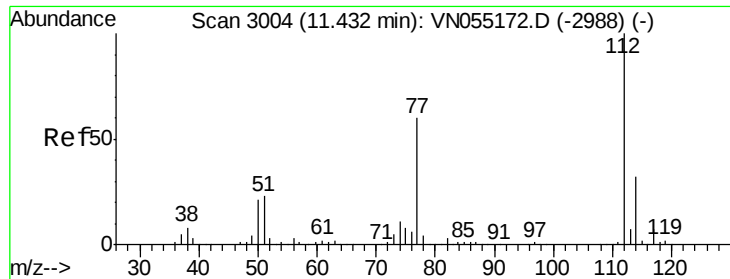
#64
Tetrachloroethene
Concen: 49.561 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion:164 Resp: 243405
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 94.4 74.1 111.1
131 88.5 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

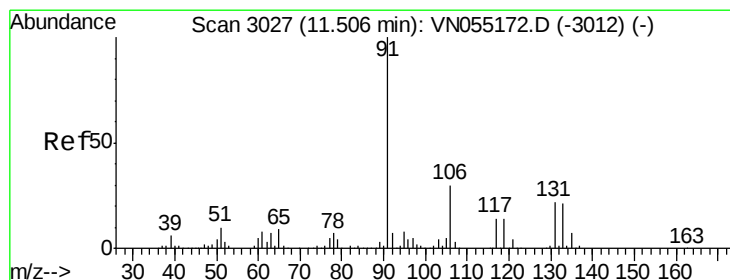
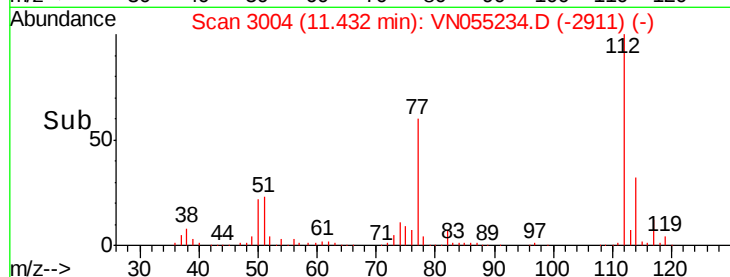
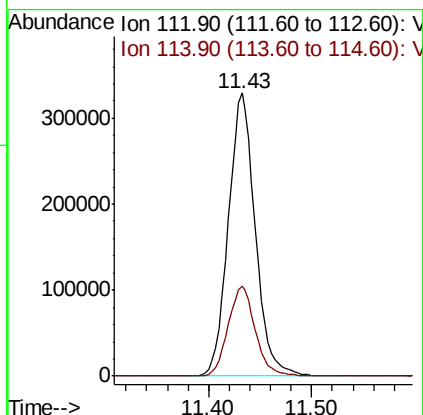
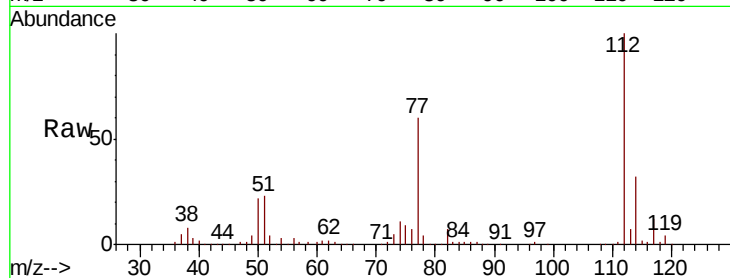




#65
Chlorobenzene
Concen: 48.617 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

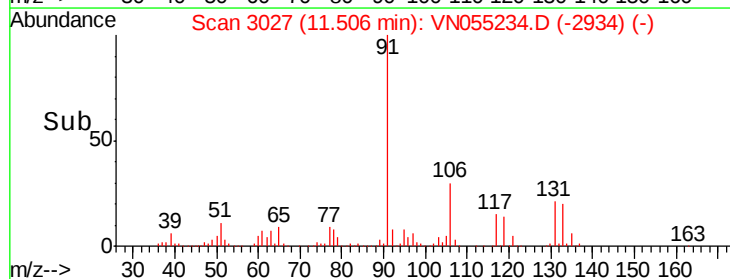
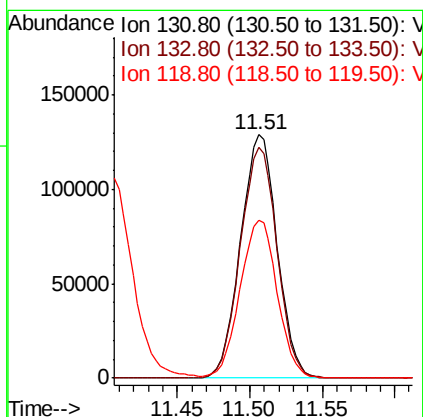
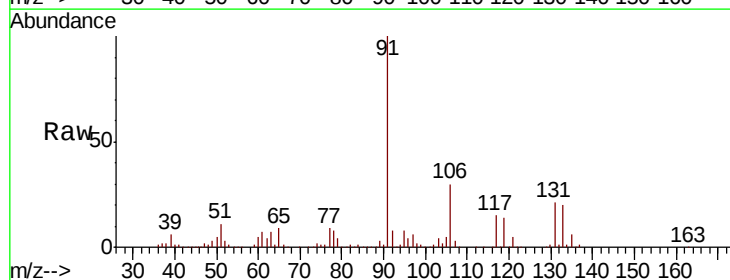
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

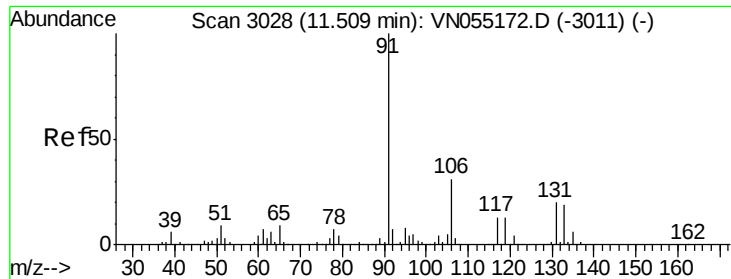
Tot Ion:112 Resp: 597407
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.687 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion:131 Resp: 226288
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.9 33.2 99.6

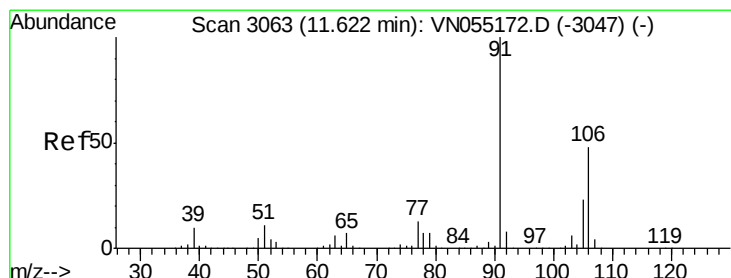
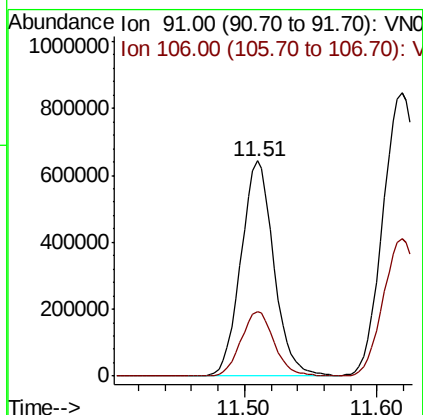
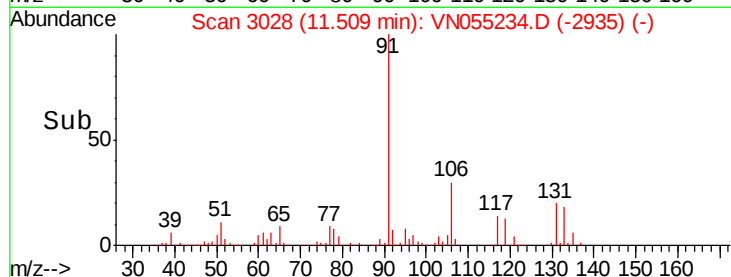
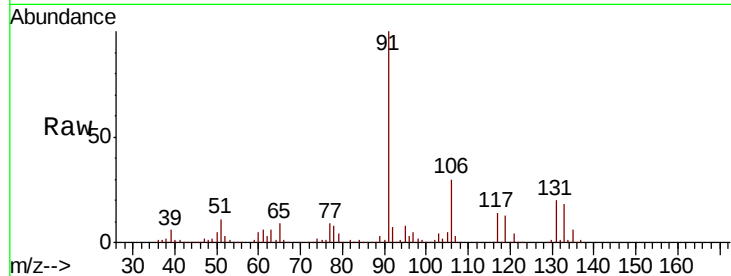




#67
Ethyl Benzene
Concen: 50.500 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

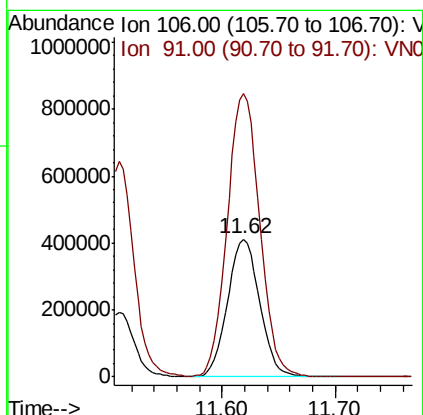
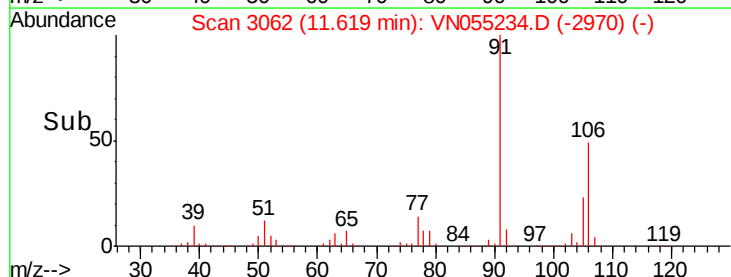
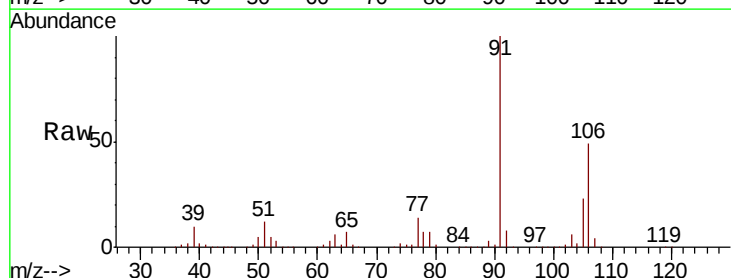
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

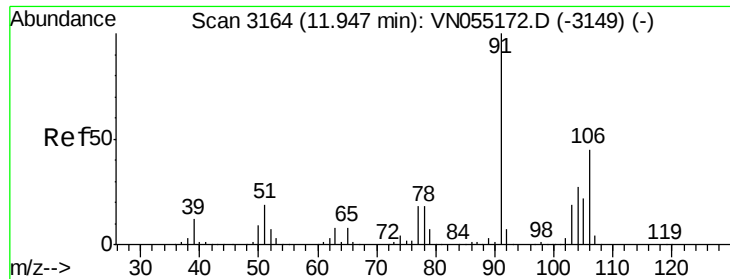
Tot Ion: 91 Resp: 1105383
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7



#68
m/p-Xylenes
Concen: 103.819 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 106 Resp: 815041
Ion Ratio Lower Upper
106 100
91 208.0 167.1 250.7

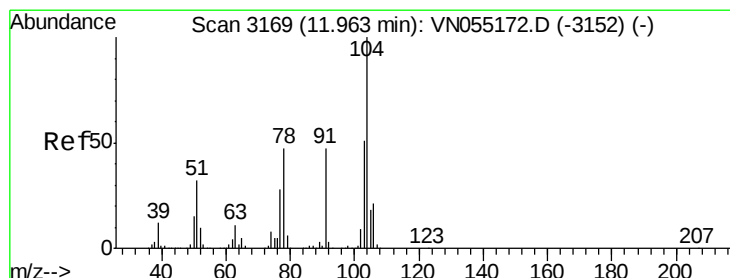
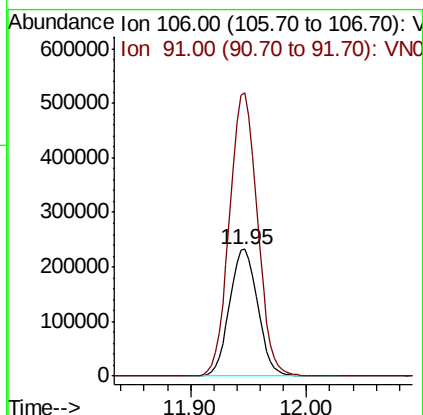
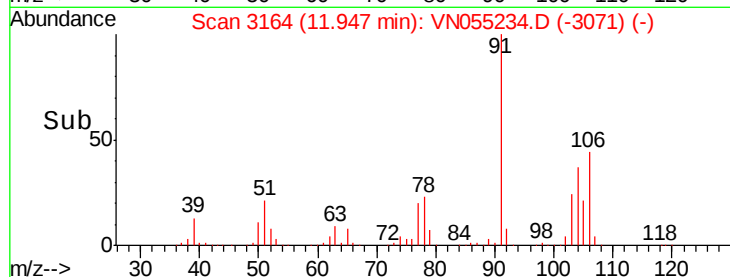
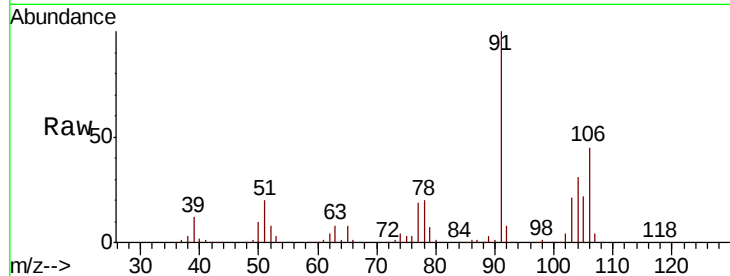




#69
o-Xylene
Concen: 50.401 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

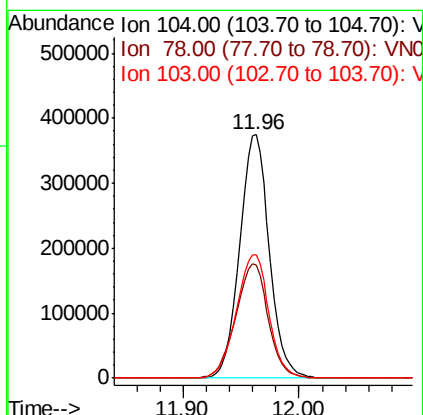
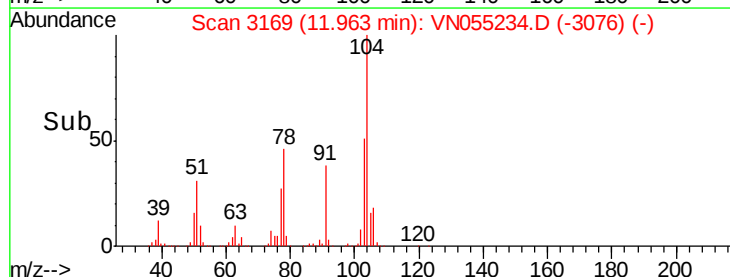
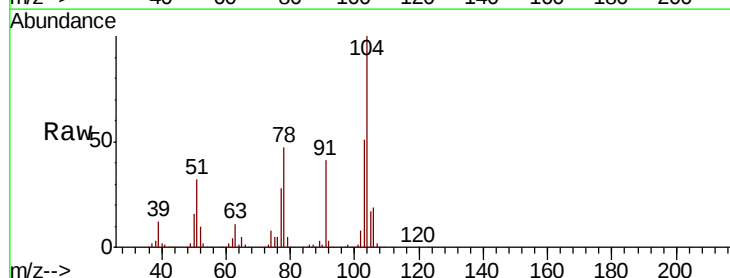
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

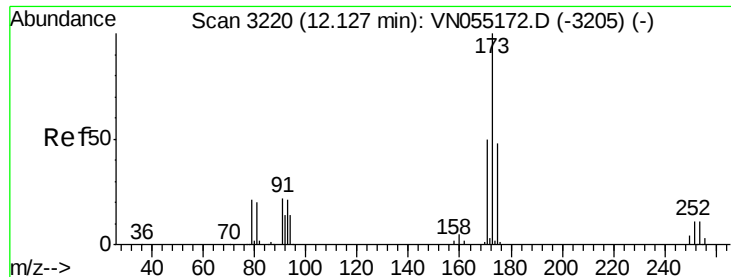
Tot Ion:106 Resp: 392675
Ion Ratio Lower Upper
106 100
91 221.2 110.6 331.8



#70
Styrene
Concen: 54.870 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion:104 Resp: 662639
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 55.8 44.2 66.4





#71

Bromoform

Concen: 52.958 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

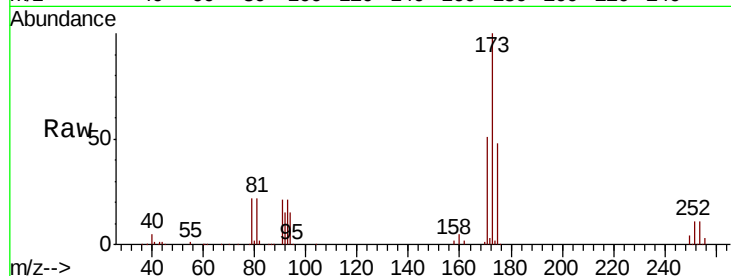
Tot Ion:173 Resp: 143927

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.2

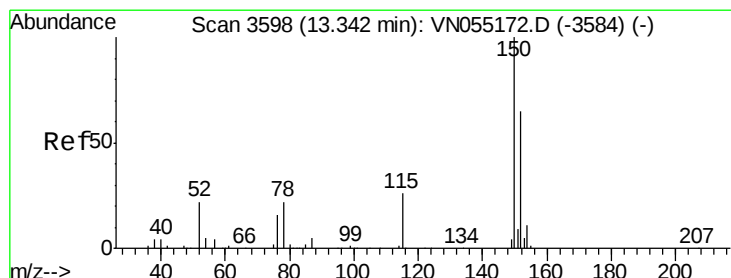
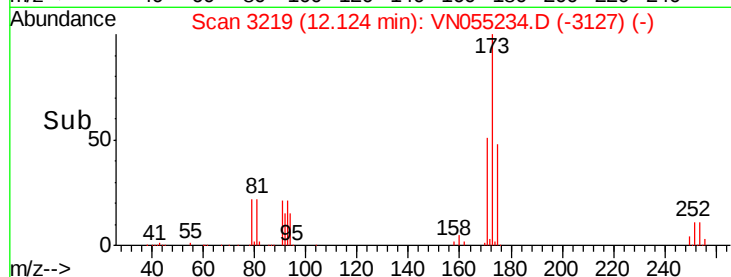
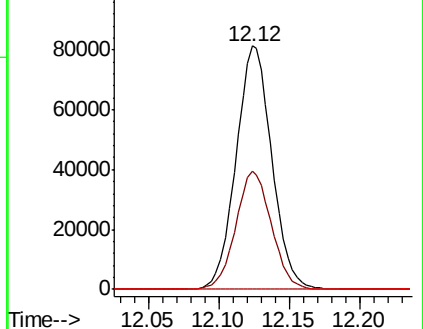
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

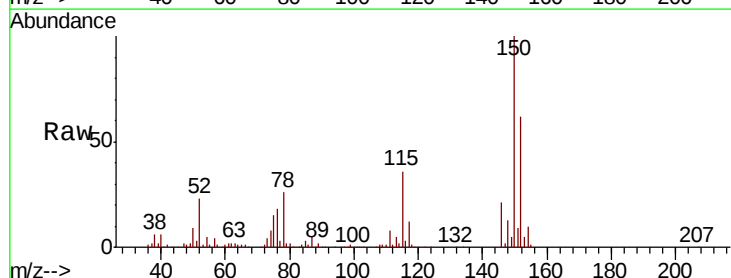
Tgt Ion:152 Resp: 253571

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

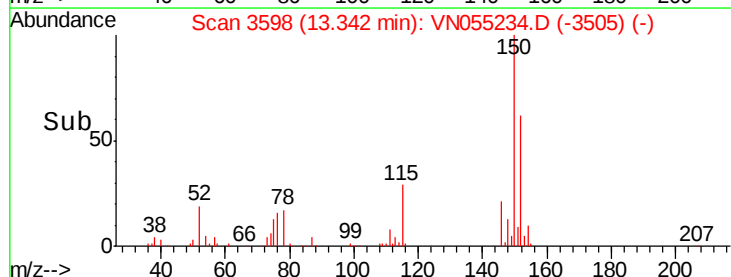
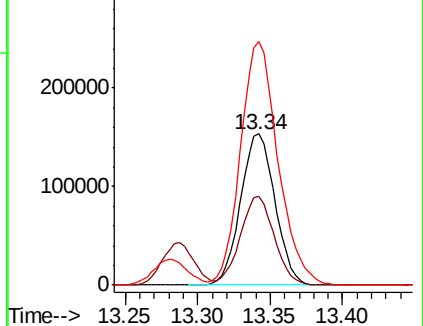
150 175.1 0.0 346.6

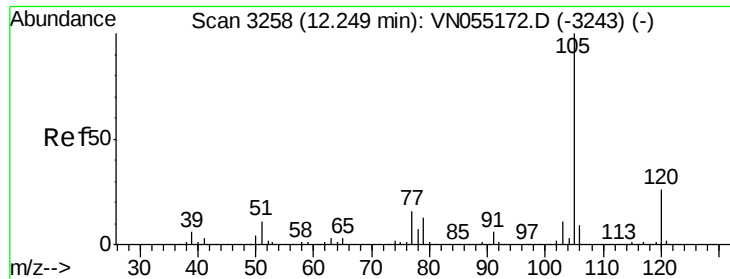


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.710 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

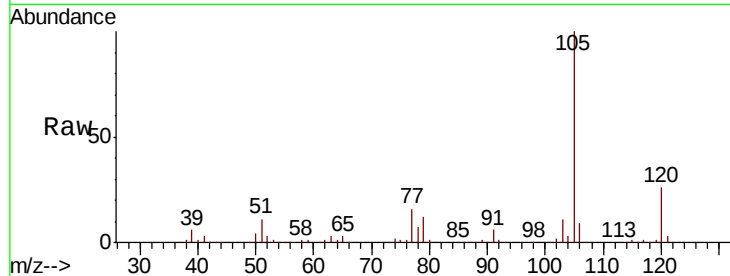
VSTDCCC050

Tot Ion:105 Resp: 1052007

Ion Ratio Lower Upper

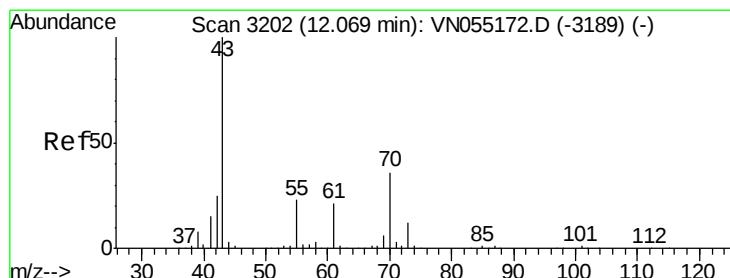
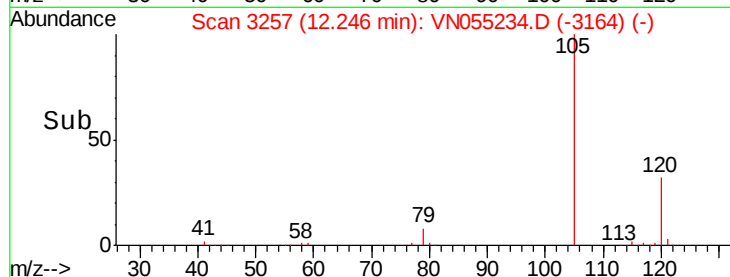
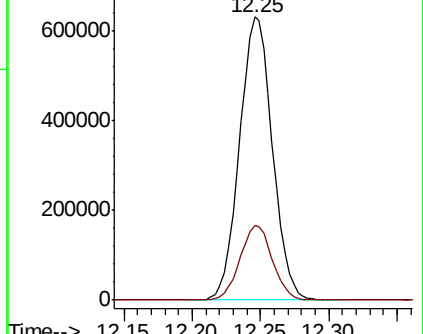
105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.351 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Tgt Ion: 43 Resp: 322638

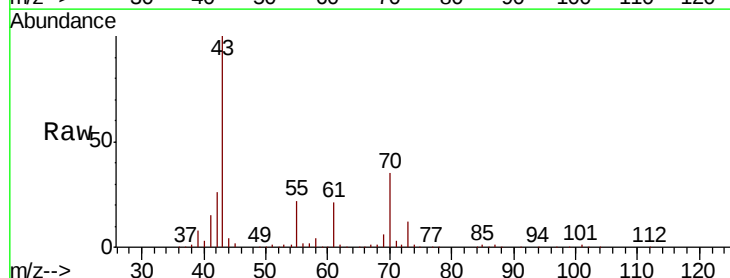
Ion Ratio Lower Upper

43 100

70 35.6 29.0 43.6

55 23.2 18.5 27.7

61 21.6 17.0 25.4

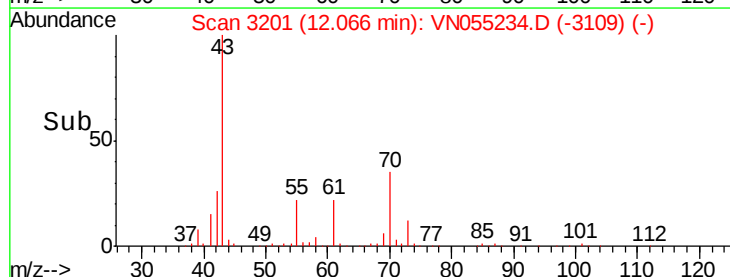
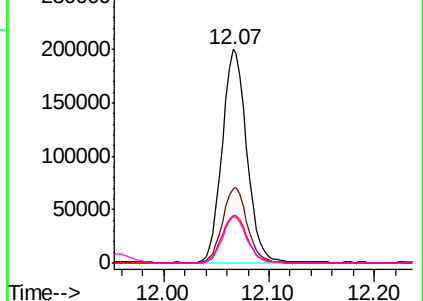


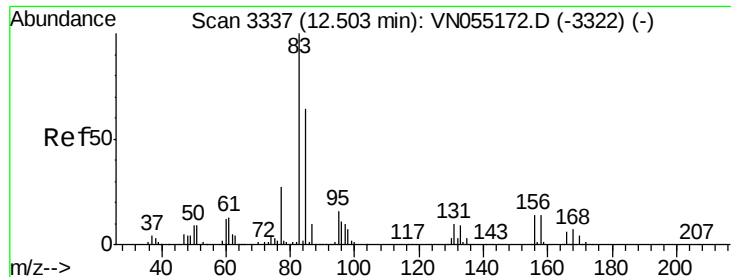
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.362 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

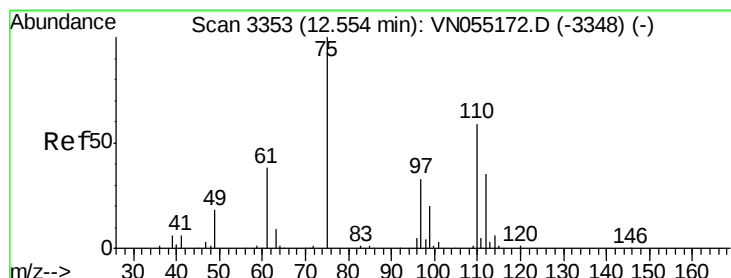
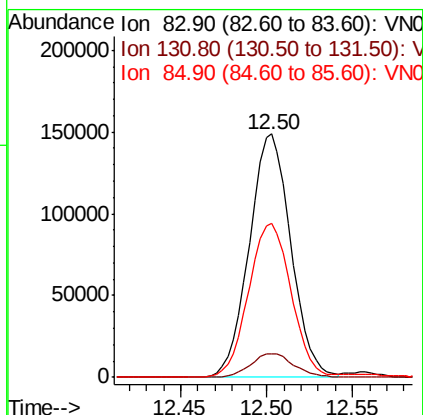
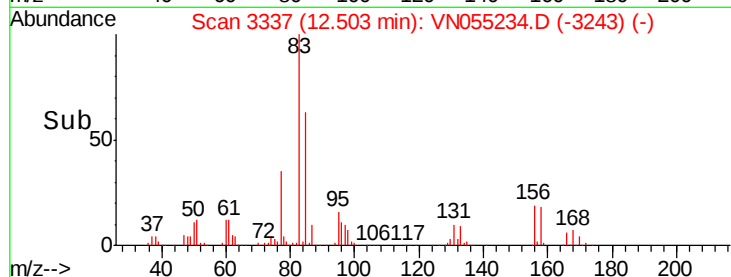
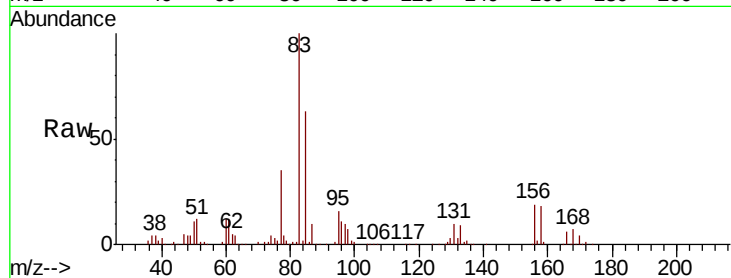
Tot Ion: 83 Resp: 249785

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 59.538 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055234.D

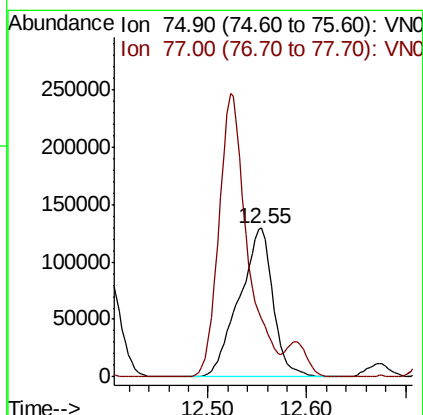
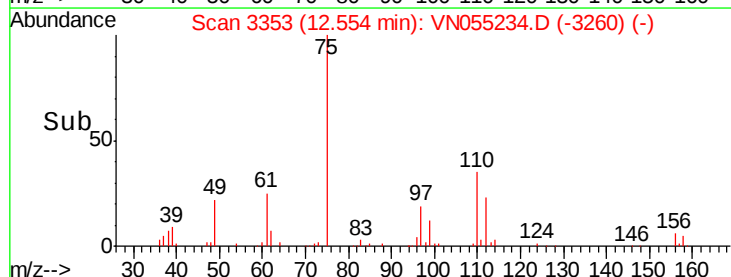
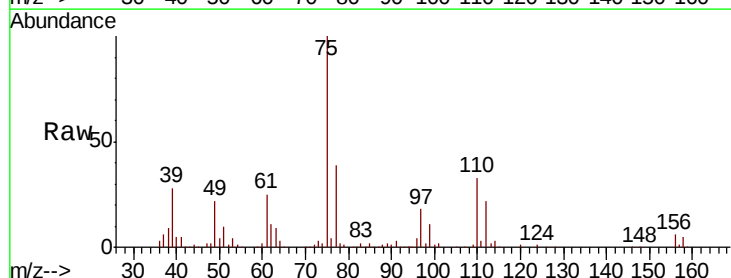
Acq: 25 Apr 2019 9:25

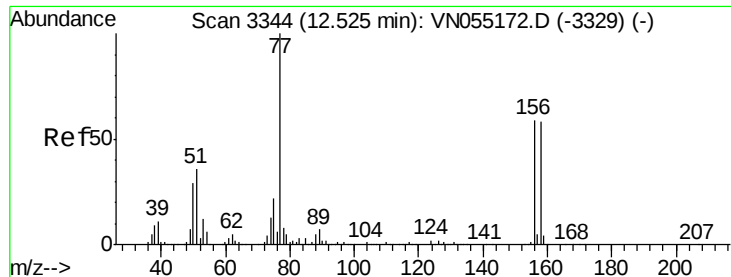
Tgt Ion: 75 Resp: 306280

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

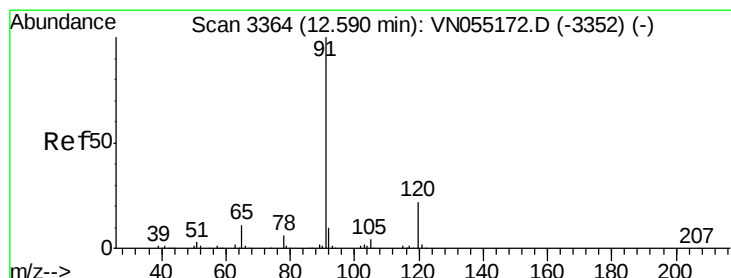
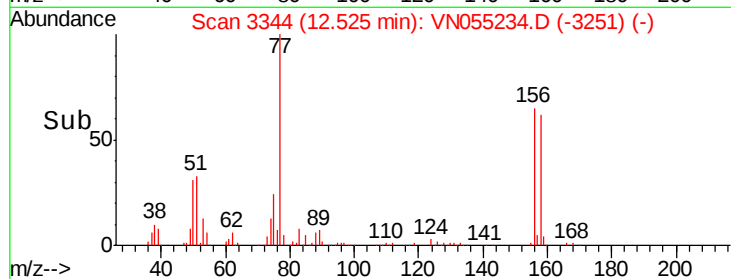
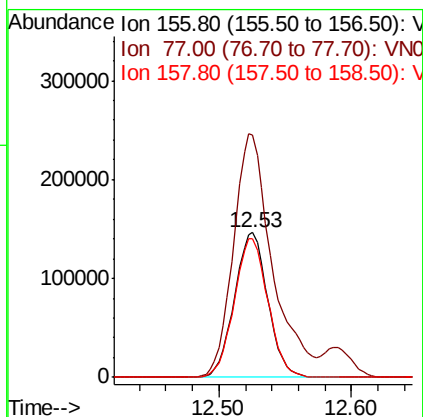
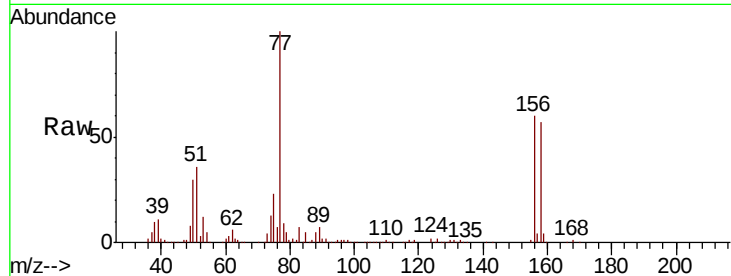




#77
Bromobenzene
Concen: 45.449 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

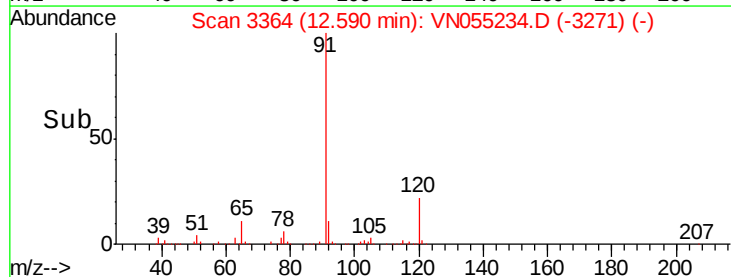
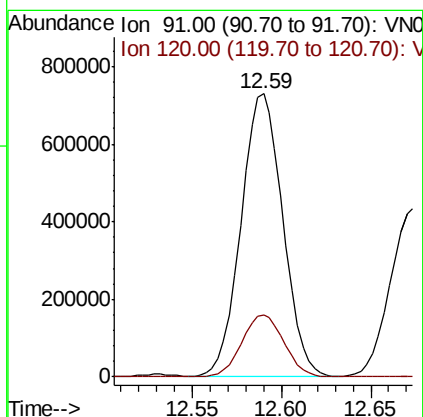
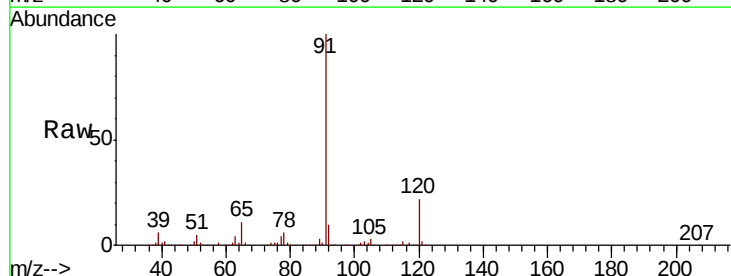
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

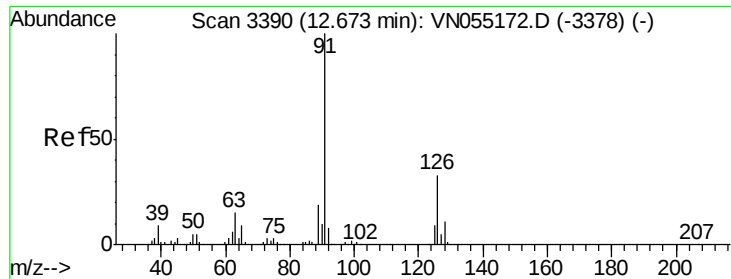
Tot Ion:156 Resp: 254420
Ion Ratio Lower Upper
156 100
77 197.2 98.0 293.9
158 97.3 48.9 146.8



#78
n-propylbenzene
Concen: 46.798 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 91 Resp: 1190058
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 45.078 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

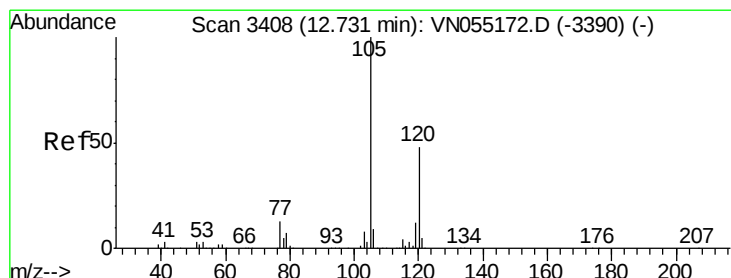
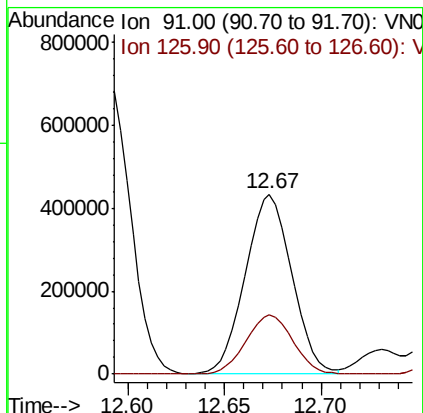
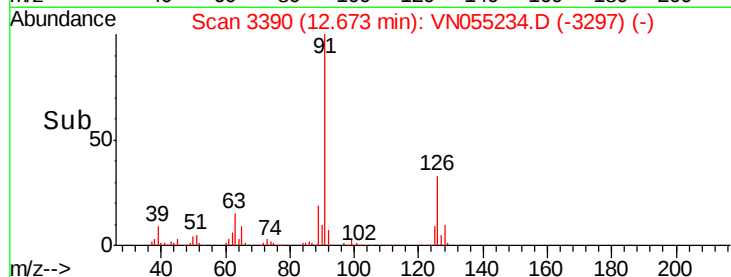
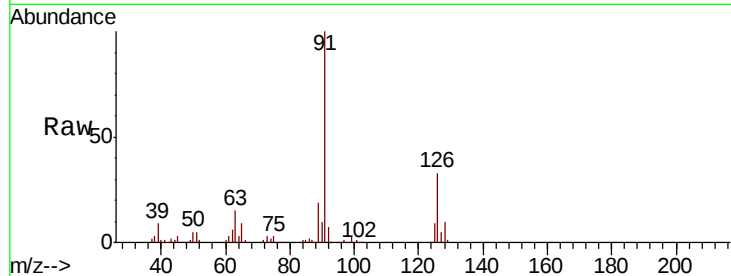
VSTDCCC050

Tot Ion: 91 Resp: 723855

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 46.584 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055234.D

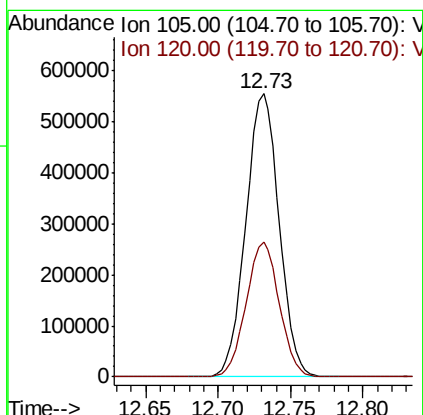
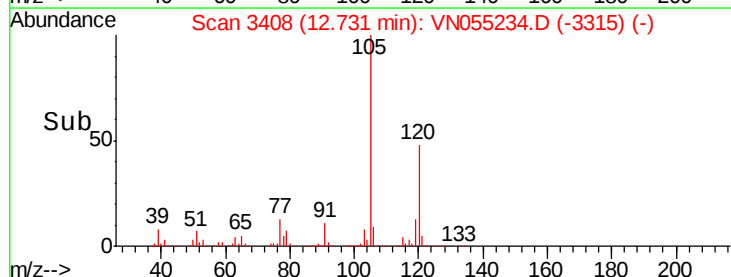
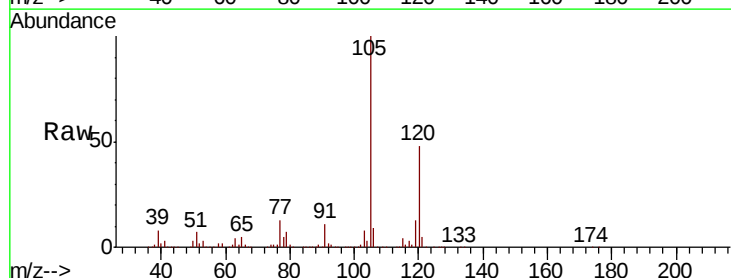
Acq: 25 Apr 2019 9:25

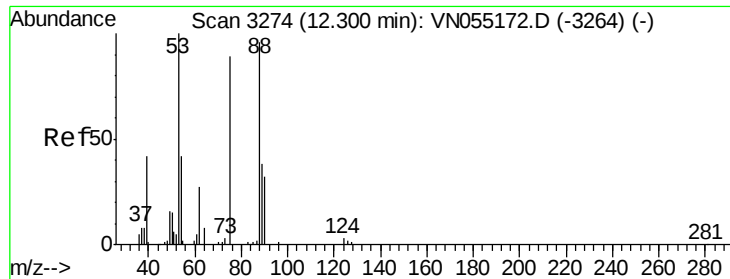
Tgt Ion:105 Resp: 884276

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.7

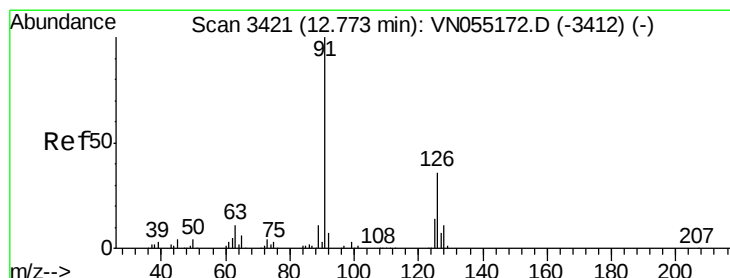
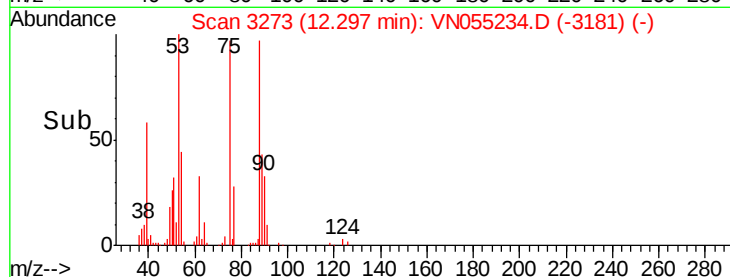
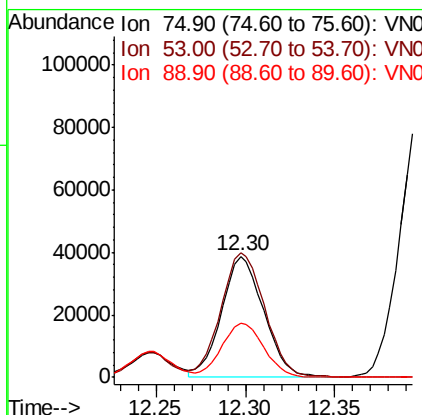
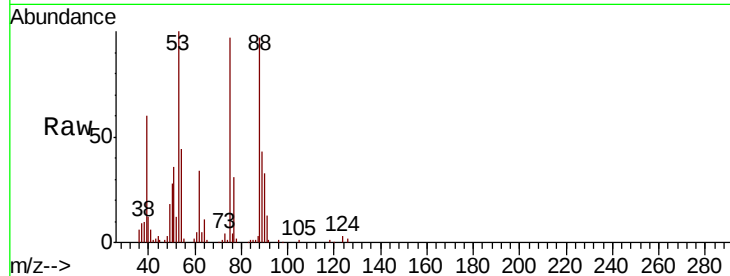




#81
trans-1,4-Dichloro-2-butene
Concen: 46.948 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

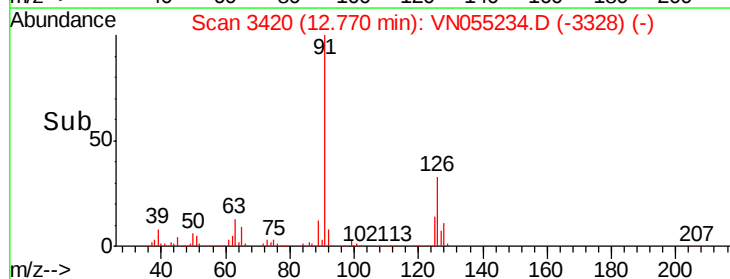
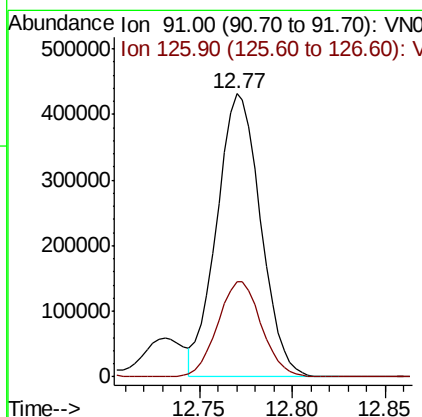
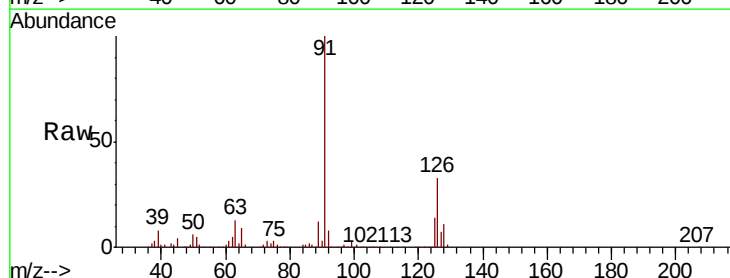
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

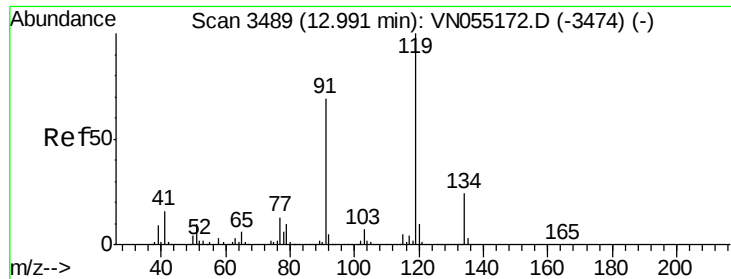
Tot Ion: 75 Resp: 63710
Ion Ratio Lower Upper
75 100
53 107.5 90.1 135.1
89 44.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 47.960 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 91 Resp: 708557
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

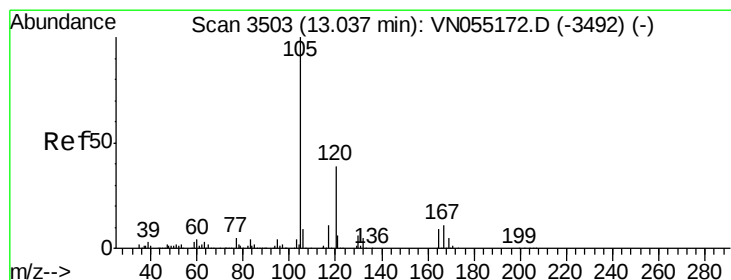
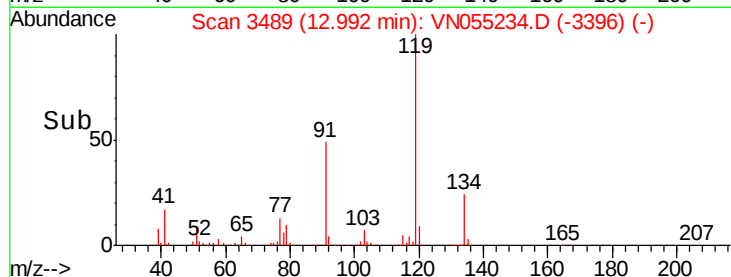
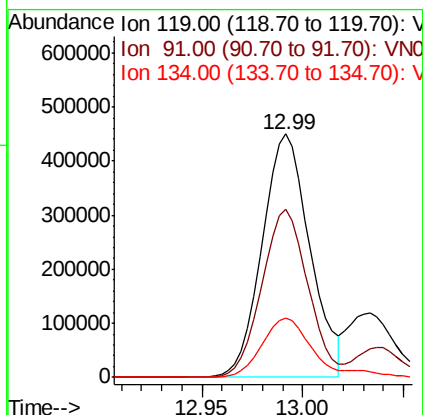
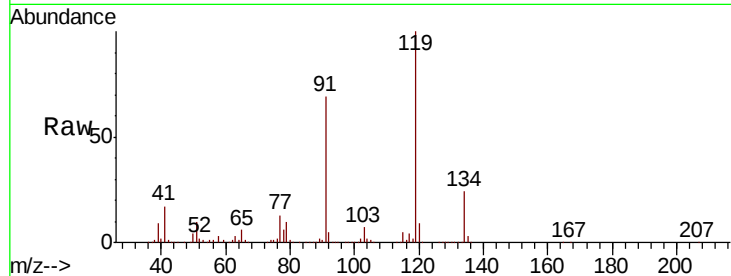




#83
 tert-Butylbenzene
 Concen: 52.115 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

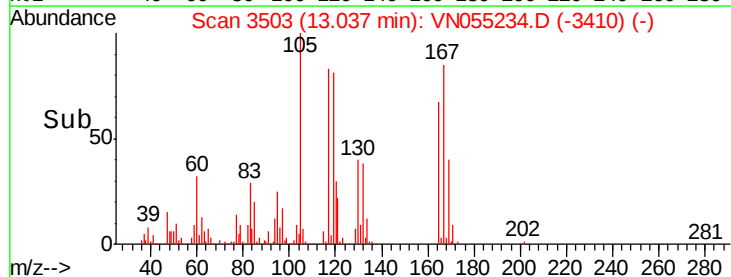
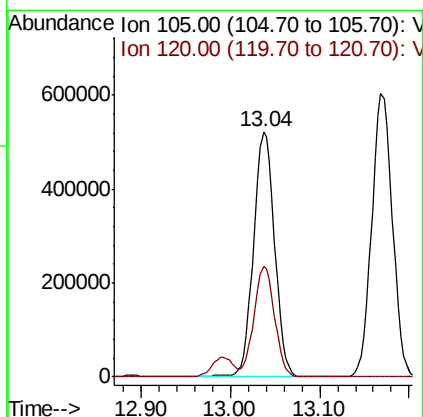
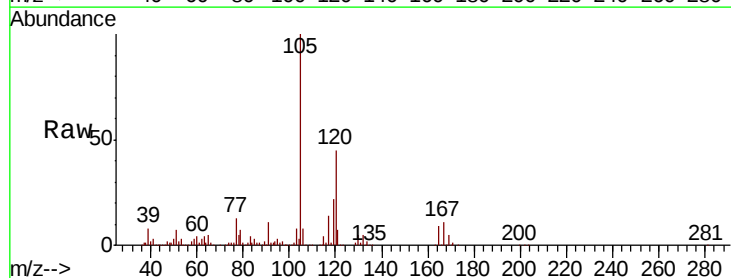
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

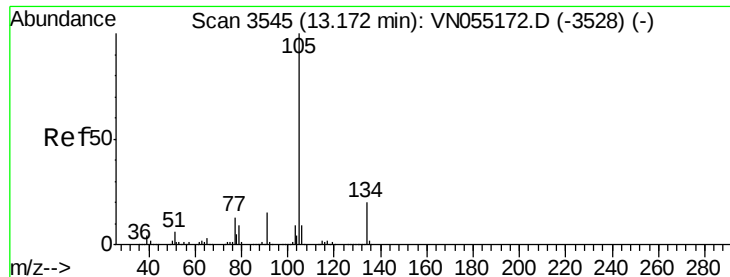
Tot Ion:119 Resp: 742005
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.8 101.3
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.060 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion:105 Resp: 860910
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 44.977 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

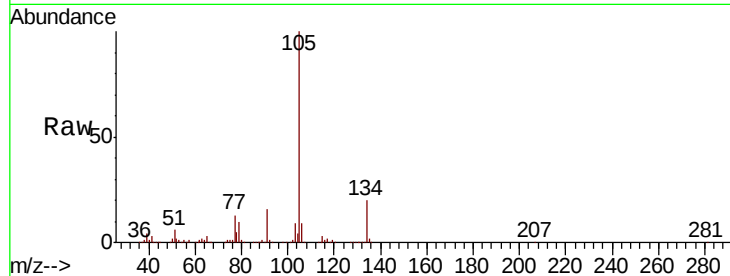
VSTDCCC050

Tot Ion:105 Resp: 965875

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

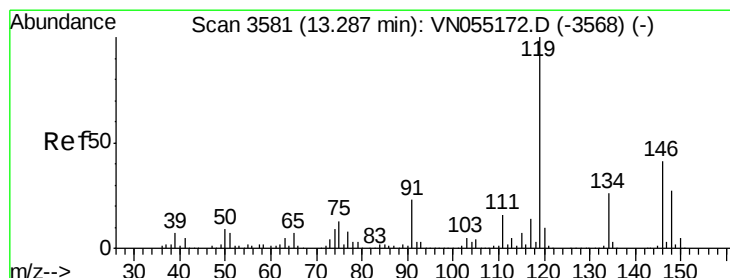
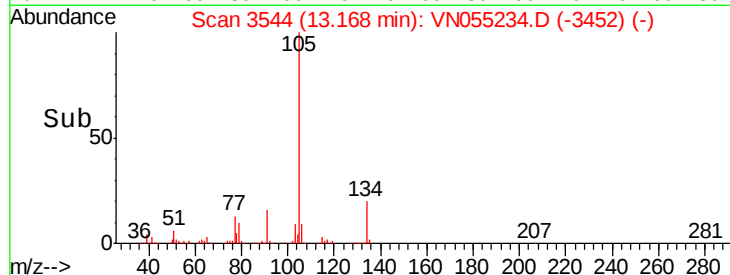
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.232 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

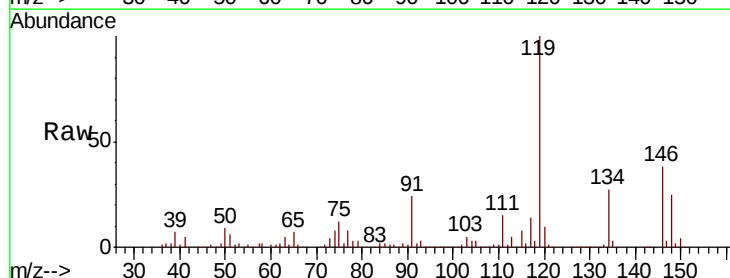
Tgt Ion:119 Resp: 853346

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.0 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

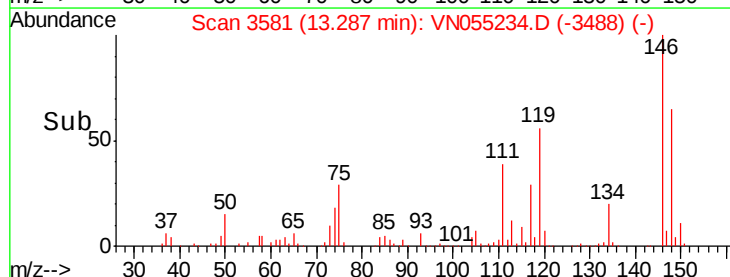
600000

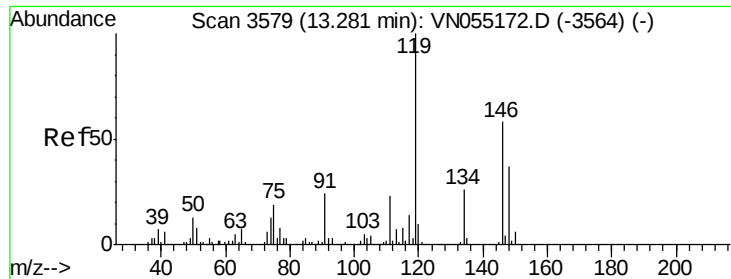
400000

200000

0

Time-->

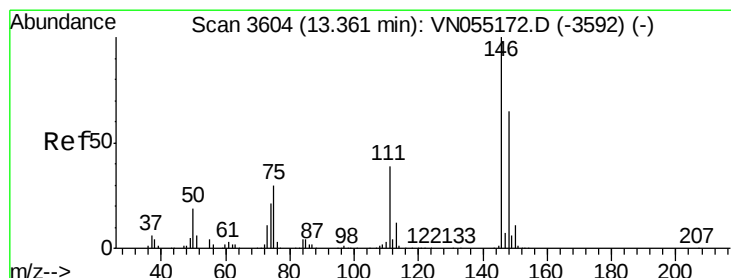
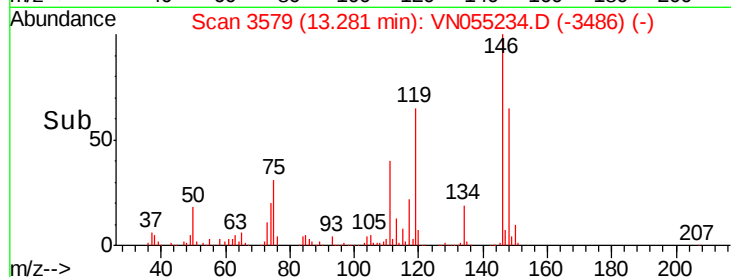
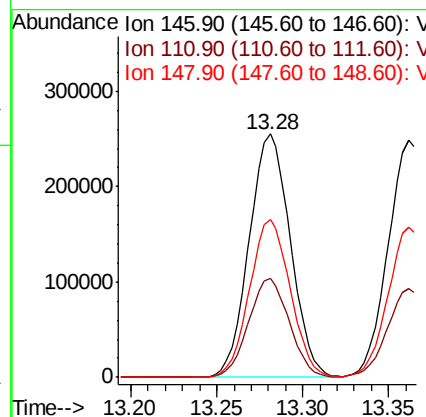
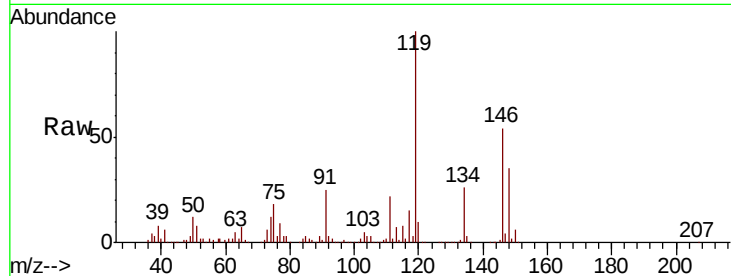




#87
 1,3-Dichlorobenzene
 Concen: 49.486 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

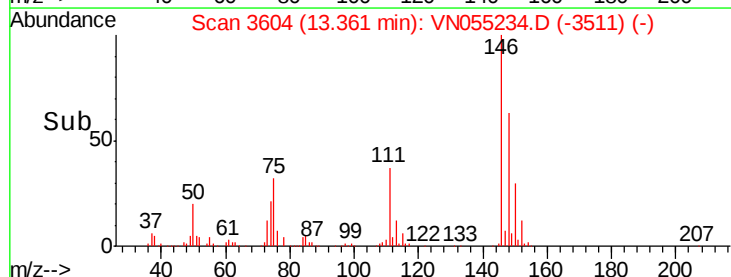
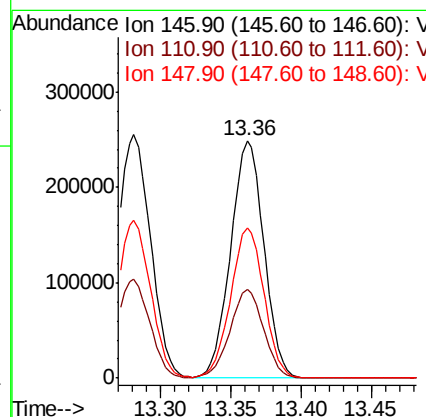
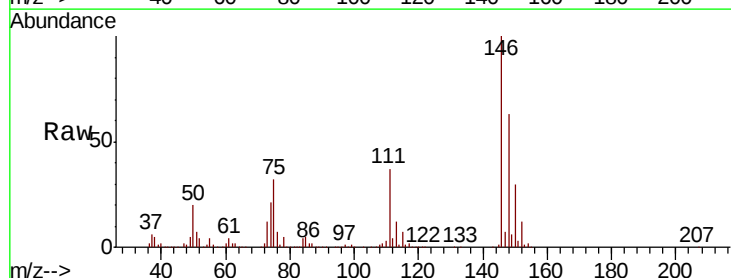
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

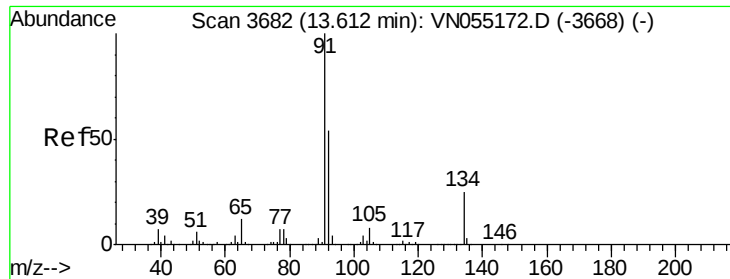
Tot Ion:146 Resp: 425255
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.1
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion:146 Resp: 411324
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 63.6 32.9 98.6

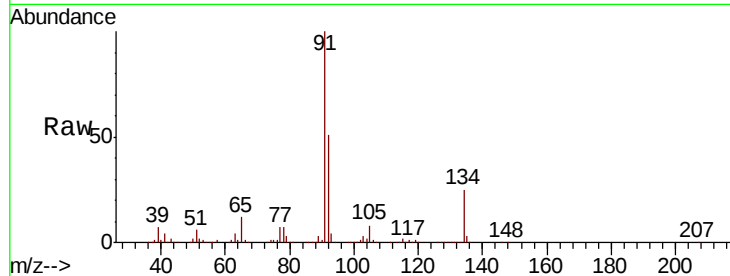




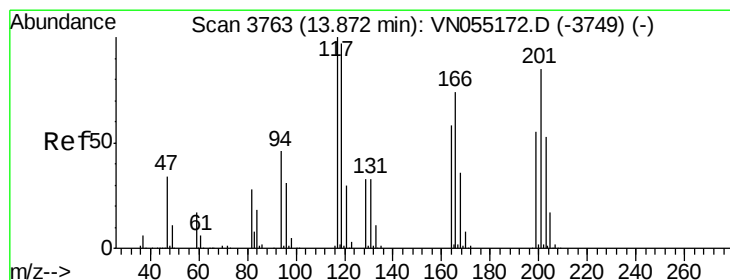
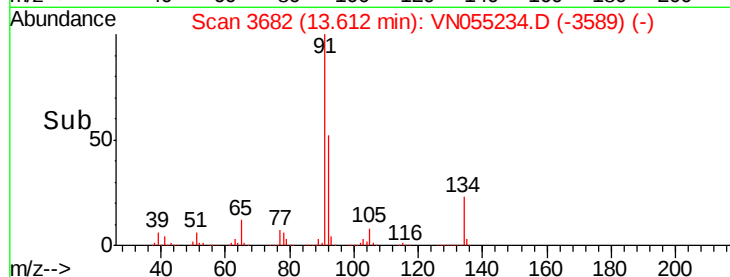
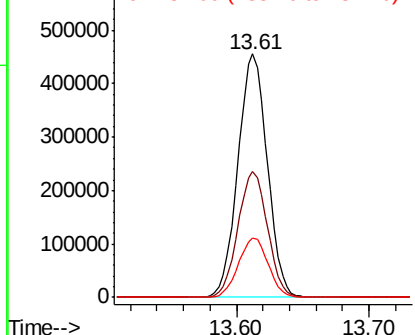
#89
n-Butylbenzene
Concen: 53.423 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 700585
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 24.9 12.8 38.4

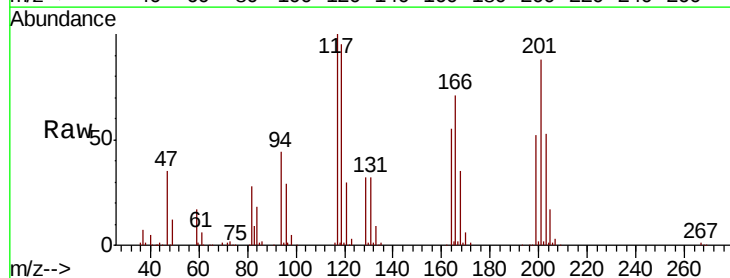


Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN055172.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN055172.D (-3668) (-)

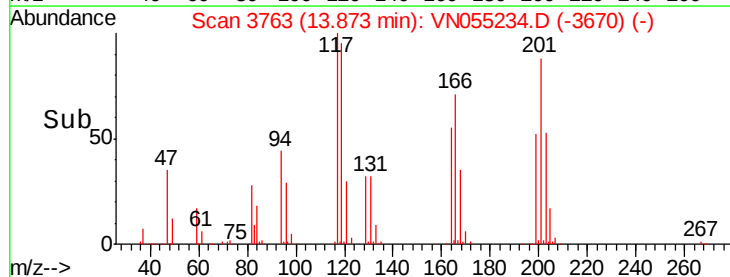
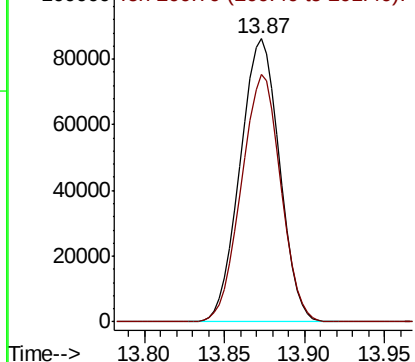


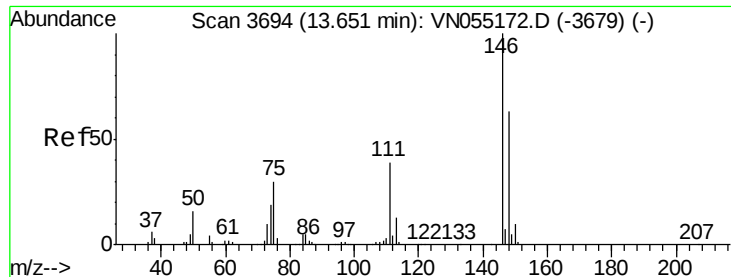
#90
Hexachloroethane
Concen: 46.128 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055234.D
Acq: 25 Apr 2019 9:25

Tgt Ion: 117 Resp: 144740
Ion Ratio Lower Upper
117 100
201 87.4 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN055172.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 46.078 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

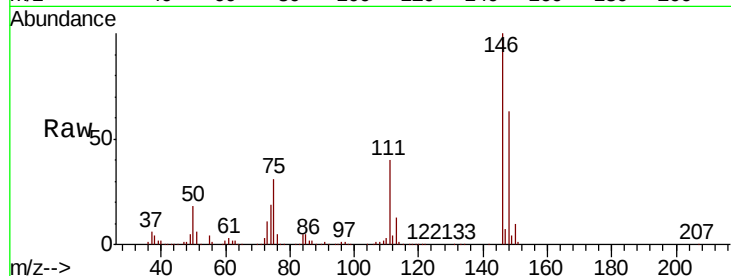
Tot Ion:146 Resp: 406702

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.3

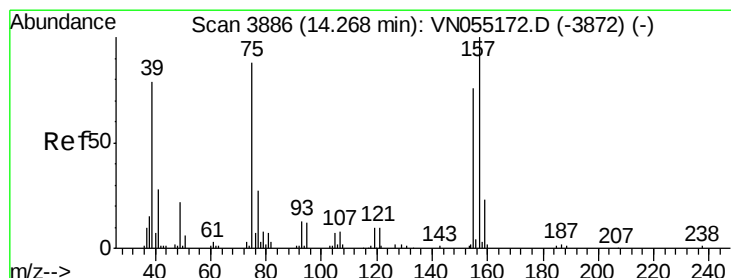
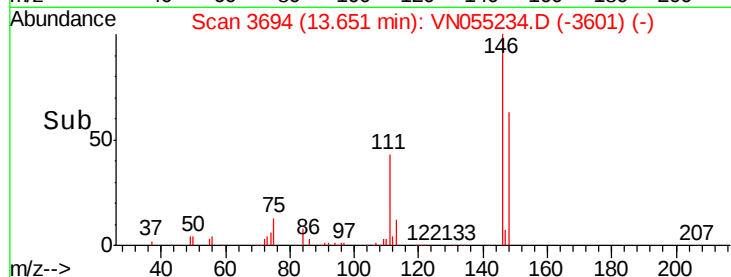
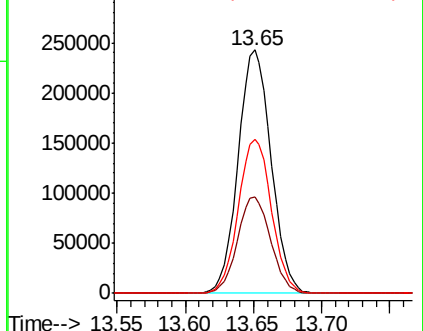
148 63.7 31.7 95.1



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: 45.703 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

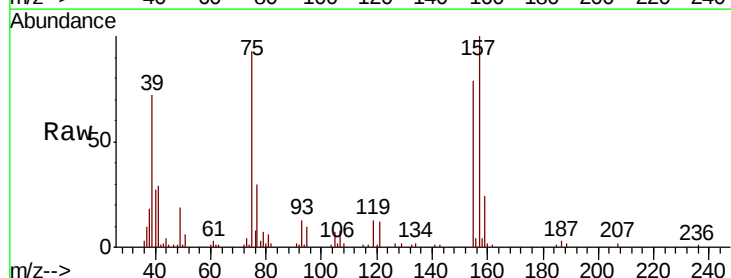
Tgt Ion: 75 Resp: 35191

Ion Ratio Lower Upper

75 100

155 82.3 43.0 129.0

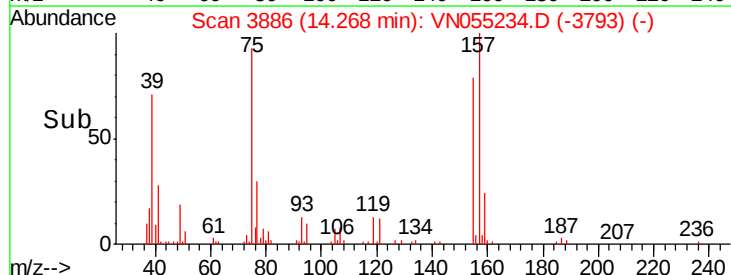
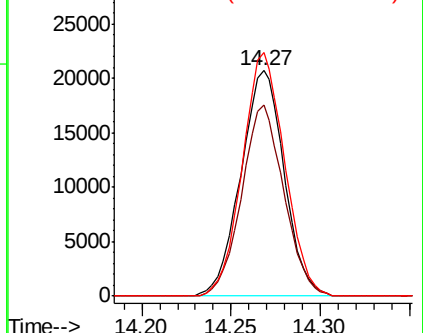
157 105.0 55.7 167.1

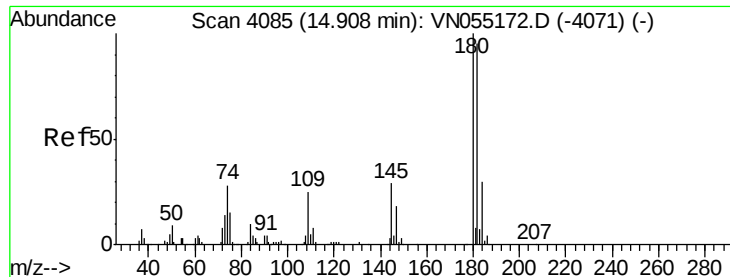


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

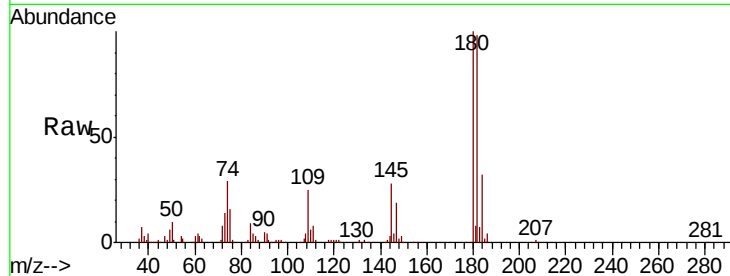




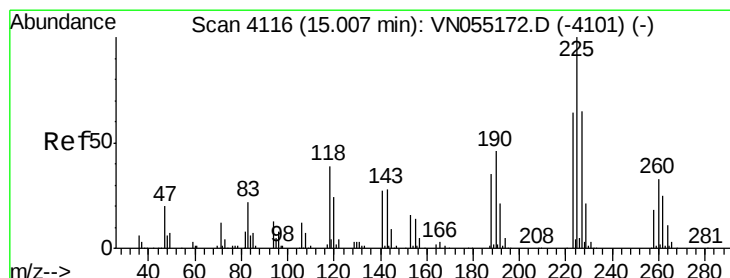
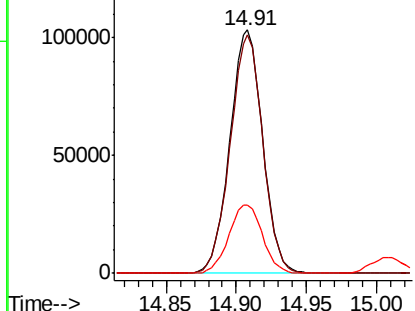
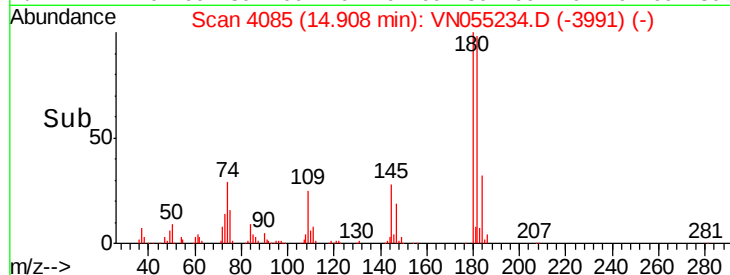
#93
 1,2,4-Trichlorobenzene
 Concen: 45.176 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 167418
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.8 143.4
 145 28.9 14.5 43.5

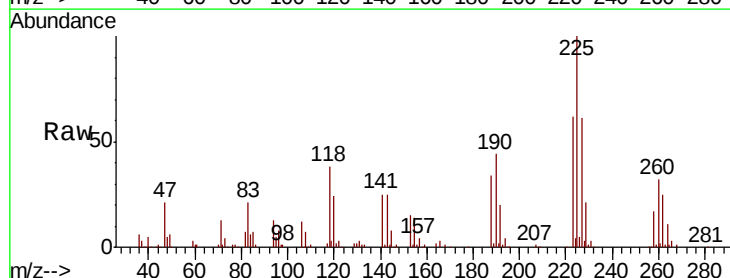


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

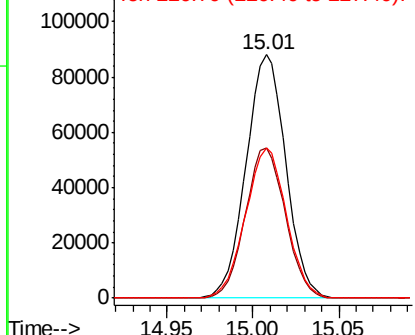
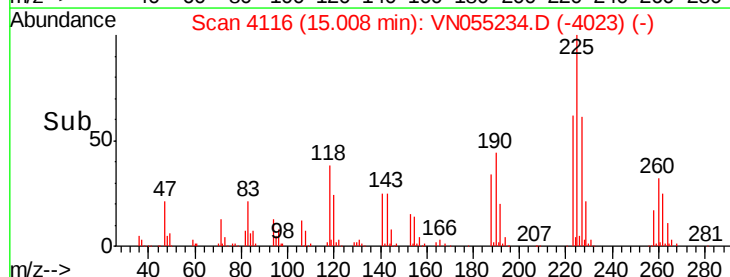


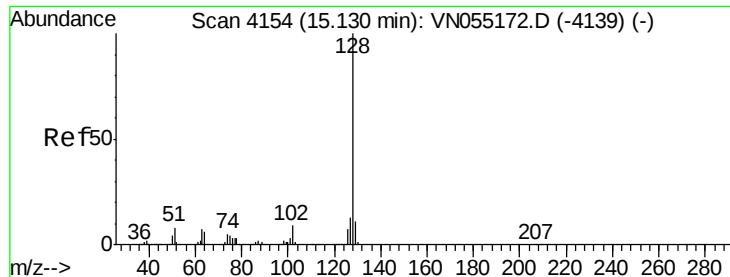
#94
 Hexachlorobutadiene
 Concen: 55.315 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055234.D
 Acq: 25 Apr 2019 9:25

Tgt Ion:225 Resp: 141491
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.2 96.6
 227 63.4 32.6 98.0



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





#95

Naphthalene

Concen: 41.369 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

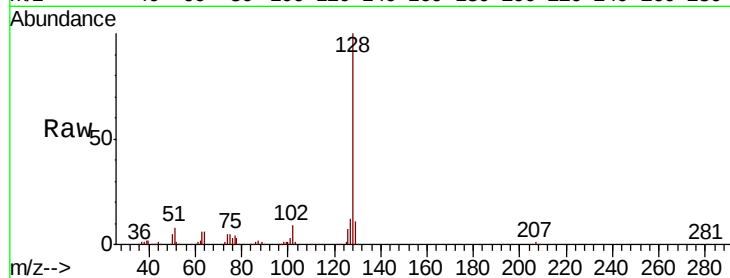
Tot Ion:128 Resp: 332106

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 8.8 13.2

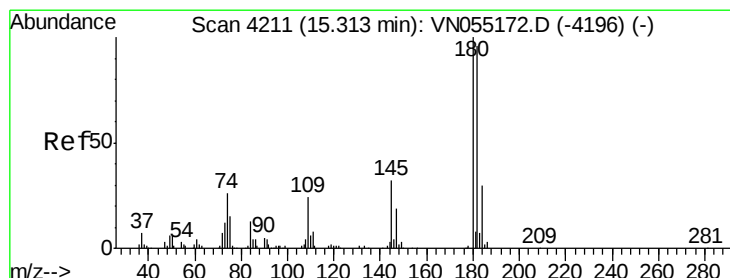
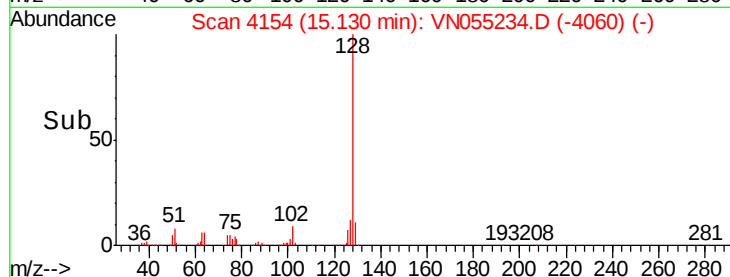
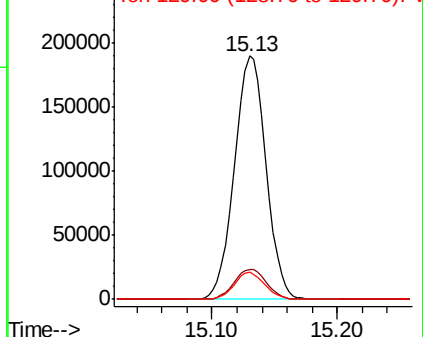


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.887 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055234.D

Acq: 25 Apr 2019 9:25

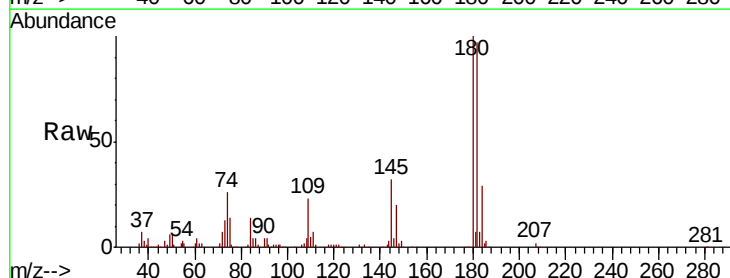
Tgt Ion:180 Resp: 165394

Ion Ratio Lower Upper

180 100

182 95.5 47.2 141.6

145 31.2 15.4 46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

