

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
 Data File : VN055585.D
 Acq On : 14 May 2019 11:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: May 15 06:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 06:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	824111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1354161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1152822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	329810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	12318	1.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.00%	
35) Dibromofluoromethane	7.60	113	9740	1.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.22%	
50) Toluene-d8	10.09	98	35111	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
62) 4-Bromofluorobenzene	12.40	95	11192	0.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	9319	1.108	ug/l	96
3) Chloromethane	2.06	50	14932	1.103	ug/l	98
4) Vinyl Chloride	2.19	62	14117	1.097	ug/l	96
5) Bromomethane	2.55	94	10104	1.420	ug/l	100
6) Chloroethane	2.69	64	8127	1.074	ug/l	99
7) Trichlorofluoromethane	3.02	101	15225	1.077	ug/l	93
8) Diethyl Ether	3.41	74	7111	1.120	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	10000	1.111	ug/l	95
10) Methyl Iodide	3.95	142	9597	0.793	ug/l	97
11) Tert butyl alcohol	4.81	59	4619	2.626	ug/l #	83
12) 1,1-Dichloroethene	3.73	96	9254	1.025	ug/l	96
13) Acrolein	3.61	56	8610	6.796	ug/l	100
14) Allyl chloride	4.31	41	11071	0.607	ug/l #	52
15) Acrylonitrile	5.00	53	24566	4.425	ug/l #	60
16) Acetone	3.82	43	26619	4.691	ug/l	97
17) Carbon Disulfide	4.04	76	28788	1.162	ug/l	98
18) Methyl Acetate	4.34	43	14873	1.073	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	27962	0.943	ug/l	93
20) Methylene Chloride	4.55	84	12402	1.061	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	9847	1.005	ug/l	95
22) Diisopropyl ether	5.95	45	32901	0.889	ug/l #	86
23) Vinyl Acetate	5.90	43	117986	4.141	ug/l	99
24) 1,1-Dichloroethane	5.85	63	20133	0.999	ug/l	99
25) 2-Butanone	6.85	43	33613	4.350	ug/l	98
26) 2,2-Dichloropropane	6.82	77	6372	0.508	ug/l	90
27) cis-1,2-Dichloroethene	6.84	96	12166	1.080	ug/l	93
28) Bromochloromethane	7.19	49	9728	0.944	ug/l #	61
29) Tetrahydrofuran	7.23	42	23473	4.591	ug/l	96
30) Chloroform	7.37	83	18570	0.998	ug/l	90
31) Cyclohexane	7.66	56	34490	1.729	ug/l #	38
32) 1,1,1-Trichloroethane	7.57	97	13868	0.976	ug/l #	53
36) 1,1-Dichloropropene	7.80	75	15333	1.155	ug/l	94
37) Ethyl Acetate	6.94	43	12706	0.895	ug/l #	96
38) Carbon Tetrachloride	7.77	117	12018	1.069	ug/l #	82

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Quant Time: May 15 06:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	17525	1.084	ug/l	94
40) Benzene	8.04	78	43104	1.048	ug/l	98
41) Methacrylonitrile	7.18	41	4475	0.681	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	15059	1.046	ug/l	90
43) Isopropyl Acetate	8.17	43	20458	0.952	ug/l	97
44) Trichloroethene	8.84	130	10319	1.047	ug/l	97
45) 1,2-Dichloropropane	9.12	63	11445	0.974	ug/l	100
46) Dibromomethane	9.21	93	7372	1.084	ug/l	95
47) Bromodichloromethane	9.40	83	13397	1.025	ug/l	96
48) Methyl methacrylate	9.20	41	10332	0.995	ug/l	93
49) 1,4-Dioxane	9.21	88	3481	17.306	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	63294	4.499	ug/l	97
52) Toluene	10.16	92	24325	1.033	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	12069	0.966	ug/l #	83
54) cis-1,3-Dichloropropene	9.84	75	13790	0.921	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	10334	1.086	ug/l	94
56) Ethyl methacrylate	10.43	69	12138	0.866	ug/l	97
57) 1,3-Dichloropropane	10.71	76	16779	0.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	14209	3.679	ug/l	97
59) 2-Hexanone	10.75	43	42984	4.363	ug/l	99
60) Dibromochloromethane	10.90	129	8207	0.948	ug/l	97
61) 1,2-Dibromoethane	11.01	107	8769	0.961	ug/l	99
64) Tetrachloroethene	10.63	164	9610	1.020	ug/l	94
65) Chlorobenzene	11.43	112	25206	1.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	8147	0.997	ug/l #	61
67) Ethyl Benzene	11.51	91	42827	0.968	ug/l	98
68) m/p-Xylenes	11.62	106	31636	1.988	ug/l	89
69) o-Xylene	11.94	106	15119	0.968	ug/l	92
70) Styrene	11.96	104	21305	0.853	ug/l	96
71) Bromoform	12.12	173	4834	0.883	ug/l #	99
73) Isopropylbenzene	12.25	105	38823	1.205	ug/l	98
74) N-amyl acetate	12.07	43	13806	1.130	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	13908	1.331	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	14607	1.655	ug/l #	100
77) Bromobenzene	12.53	156	9428	1.298	ug/l	97
78) n-propylbenzene	12.59	91	38329	1.090	ug/l	98
79) 2-Chlorotoluene	12.67	91	26799	1.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27538	1.051	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	2602	1.092	ug/l #	81
82) 4-Chlorotoluene	12.77	91	22086	1.067	ug/l	96
83) tert-Butylbenzene	12.99	119	25752	1.148	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	25062	1.044	ug/l	94
85) sec-Butylbenzene	13.17	105	31566	1.061	ug/l	98
86) p-Isopropyltoluene	13.29	119	24423	1.008	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	12421	1.110	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	13635	1.234	ug/l	90
89) n-Butylbenzene	13.61	91	17420	0.937	ug/l	96
90) Hexachloroethane	13.87	117	5267	1.331	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	13301	1.188	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1683	1.136	ug/l	90

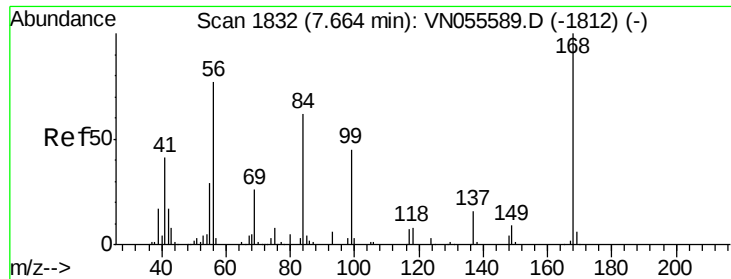
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
Data File : VN055585.D
Acq On : 14 May 2019 11:07
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Quant Time: May 15 06:52:11 2019
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Quant Title : SW846 8260
QLast Update : Wed May 15 06:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	4970	1.313	ug/l	97
94) Hexachlorobutadiene	15.01	225	5347	1.334	ug/l	92
95) Naphthalene	15.13	128	15541	1.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	6283	1.416	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

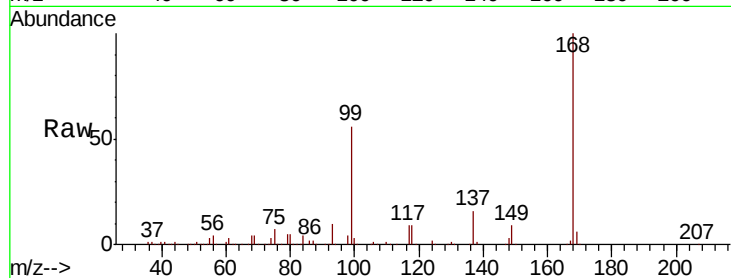
VSTDIC001

Tot Ion:168 Resp: 824111

Ion Ratio Lower Upper

168 100

99 56.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

300000

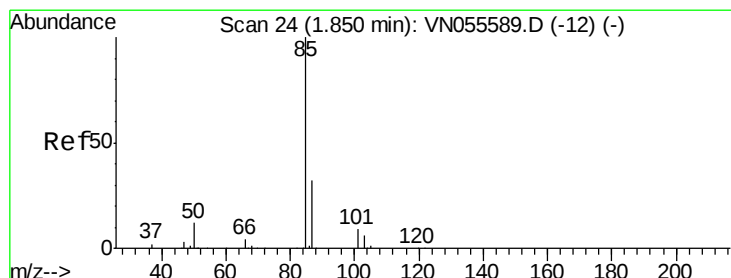
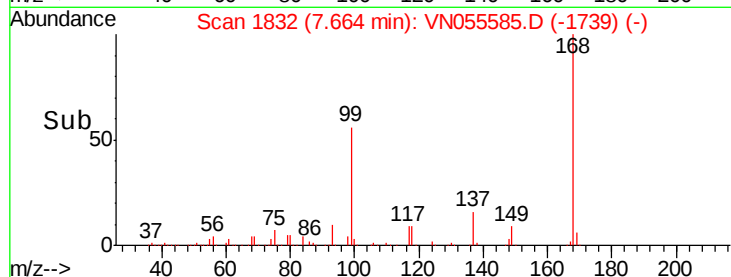
200000

100000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 1.108 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055585.D

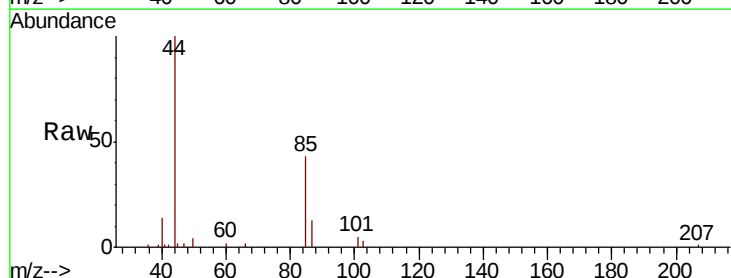
Acq: 14 May 2019 11:07

Tgt Ion: 85 Resp: 9319

Ion Ratio Lower Upper

85 100

87 30.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

8000

6000

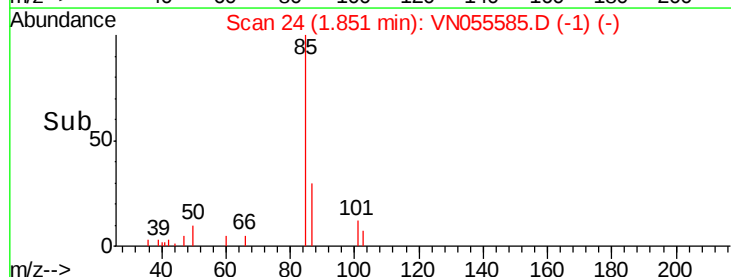
4000

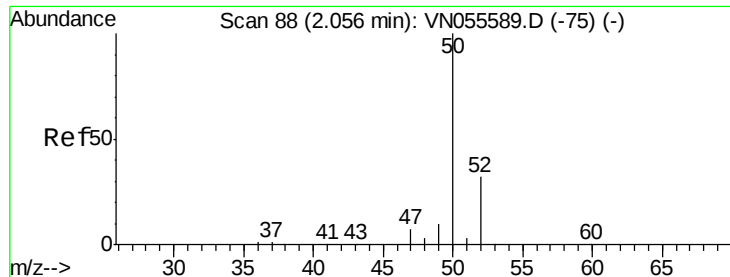
2000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 1.103 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

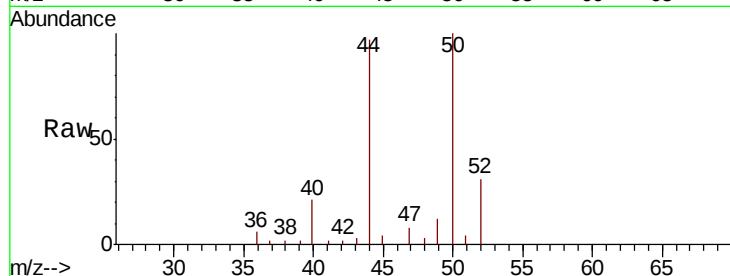
VSTDIC001

Tot Ion: 50 Resp: 14932

Ion Ratio Lower Upper

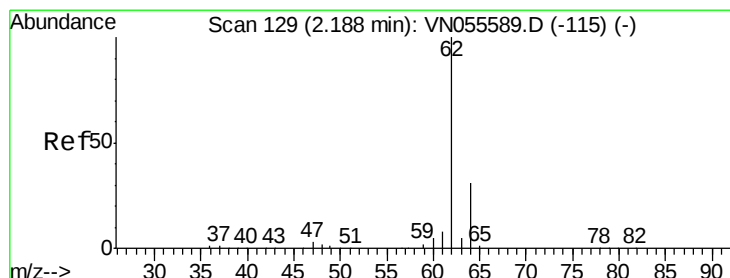
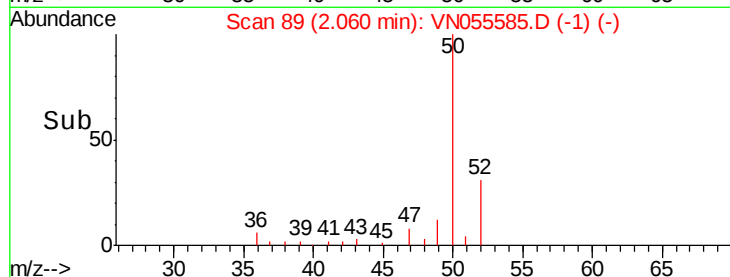
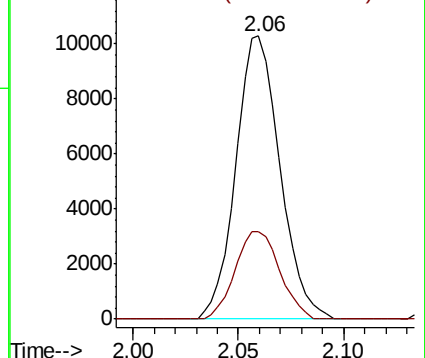
50 100

52 31.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.097 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055585.D

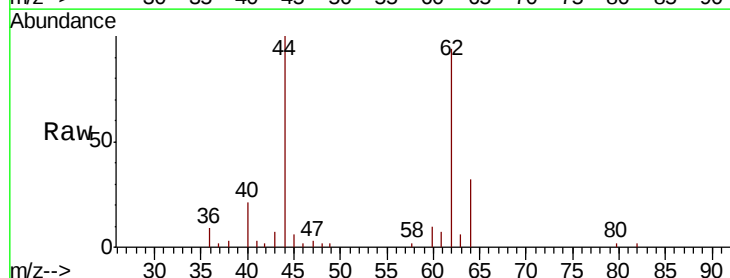
Acq: 14 May 2019 11:07

Tgt Ion: 62 Resp: 14117

Ion Ratio Lower Upper

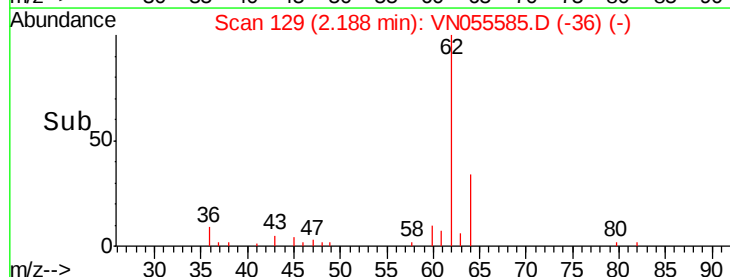
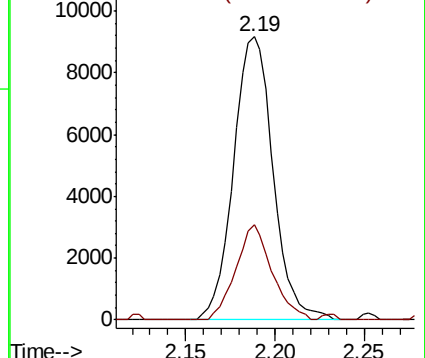
62 100

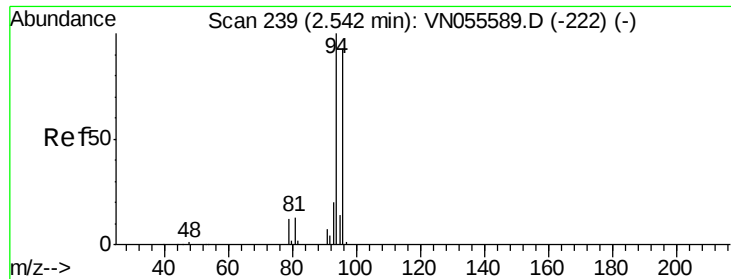
64 33.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.420 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

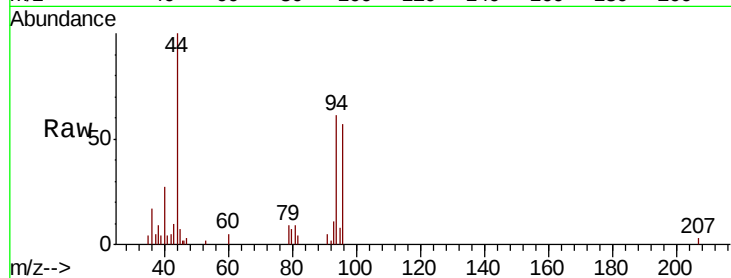
VSTDIC001

Tot Ion: 94 Resp: 10104

Ion Ratio Lower Upper

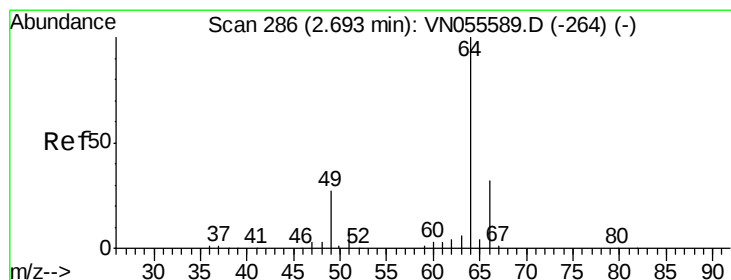
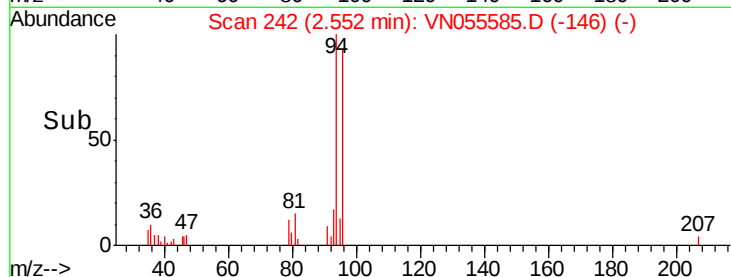
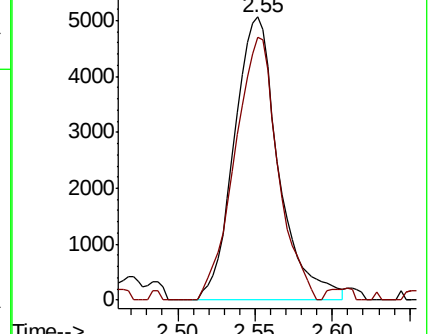
94 100

96 92.9 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 1.074 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN055585.D

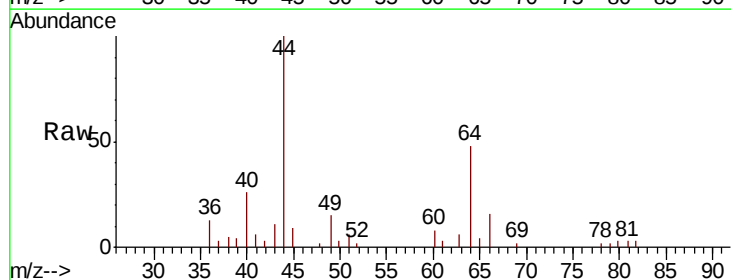
Acq: 14 May 2019 11:07

Tgt Ion: 64 Resp: 8127

Ion Ratio Lower Upper

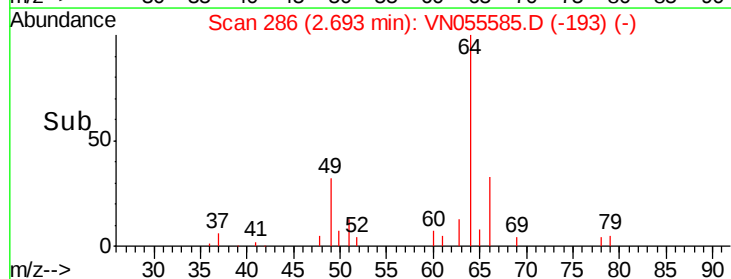
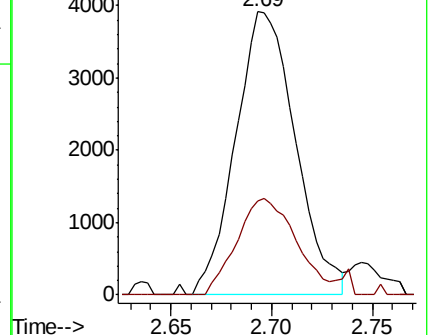
64 100

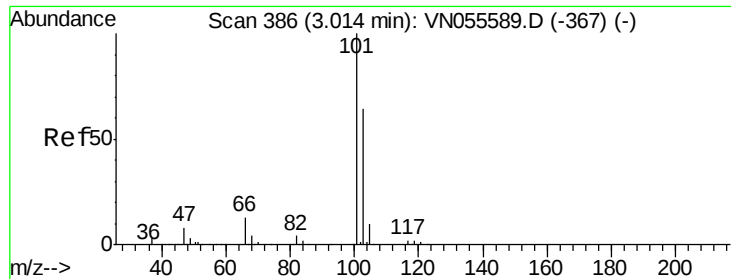
66 33.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



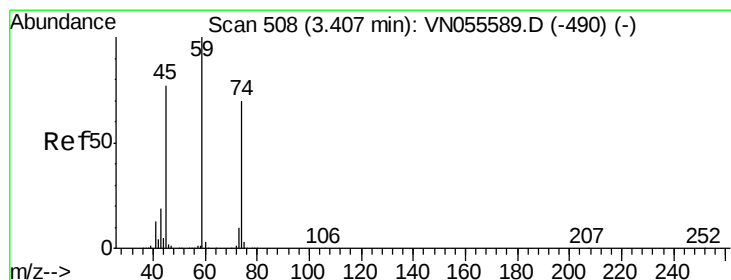
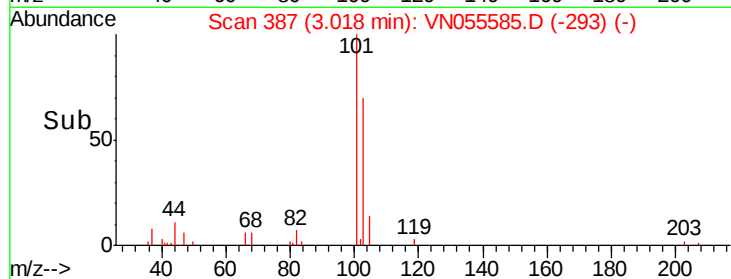
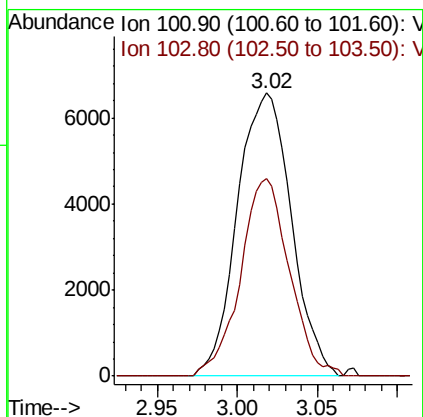
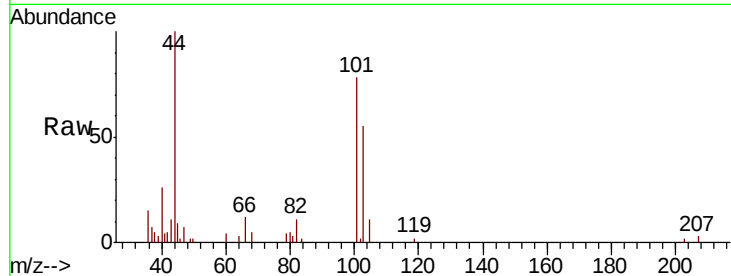


#7

Trichlorofluoromethane
 Concen: 1.077 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

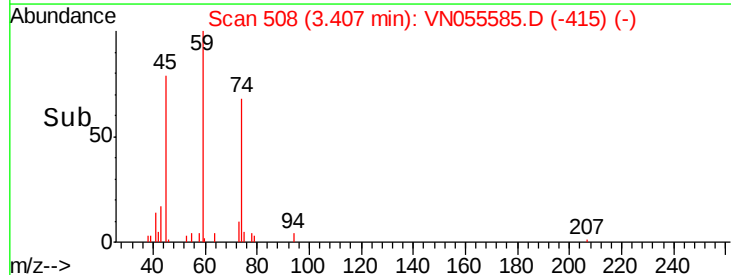
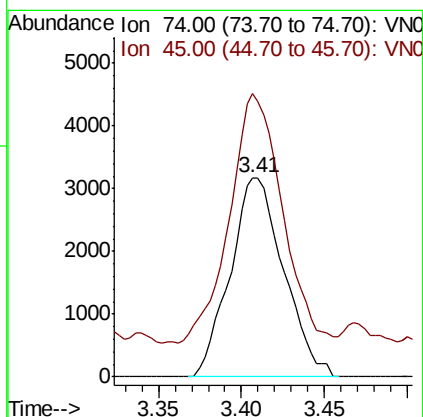
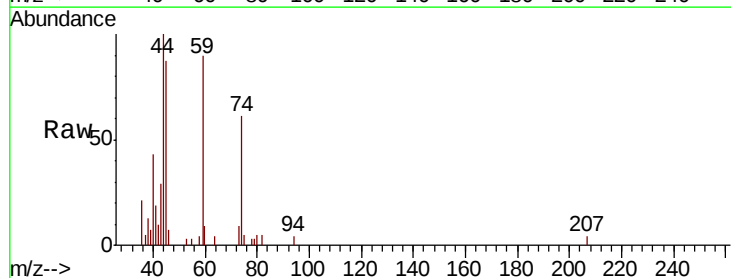
Tot Ion:101 Resp: 15225
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.0 76.6

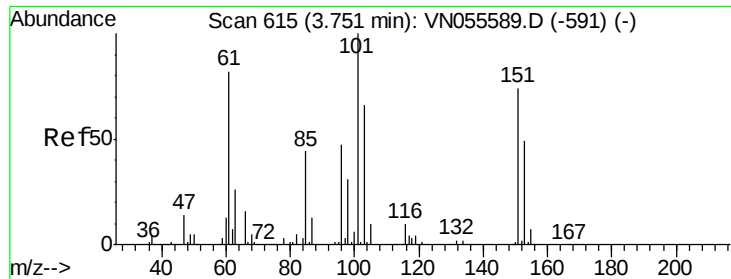


#8

Diethyl Ether
 Concen: 1.120 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 74 Resp: 7111
 Ion Ratio Lower Upper
 74 100
 45 123.2 54.9 164.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.111 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

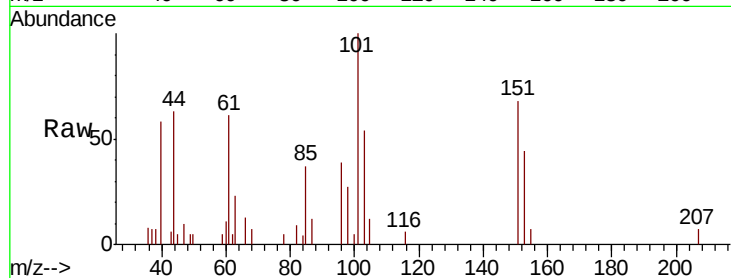
Tot Ion:101 Resp: 10000

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.2

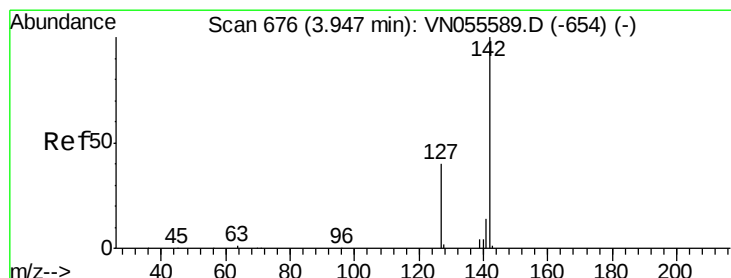
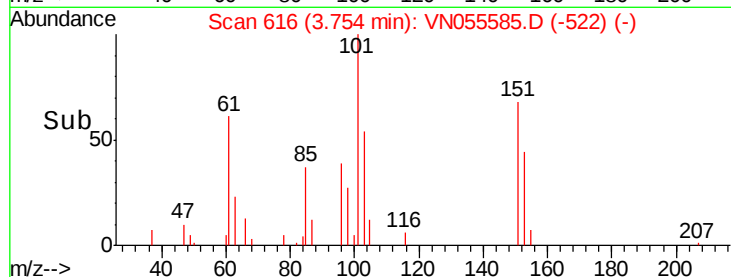
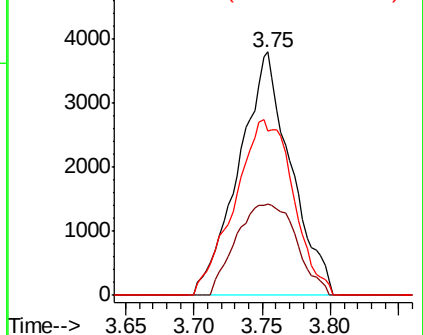
151 81.3 60.2 90.2



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: 0.793 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

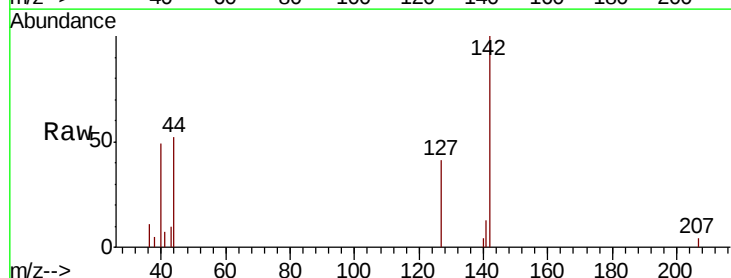
Tgt Ion:142 Resp: 9597

Ion Ratio Lower Upper

142 100

127 42.9 32.5 48.7

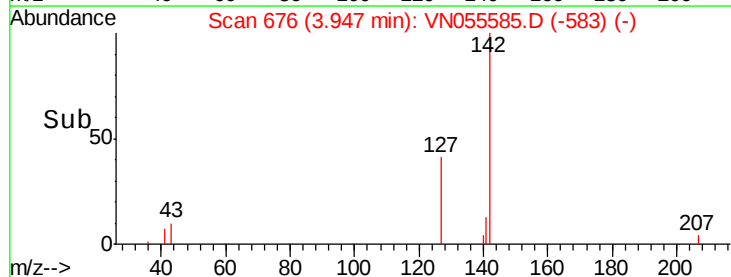
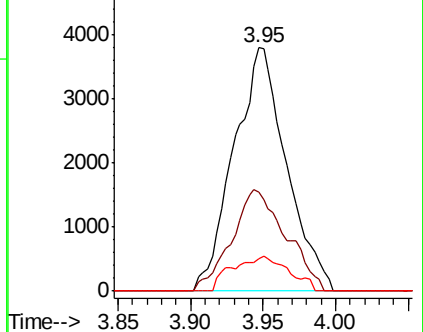
141 15.2 11.2 16.8

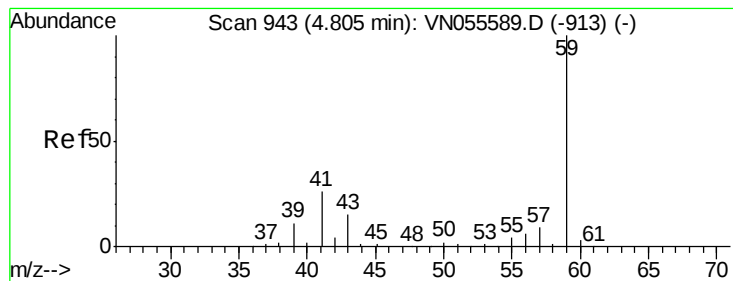


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



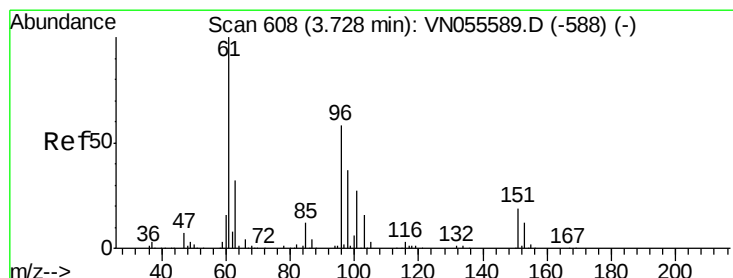
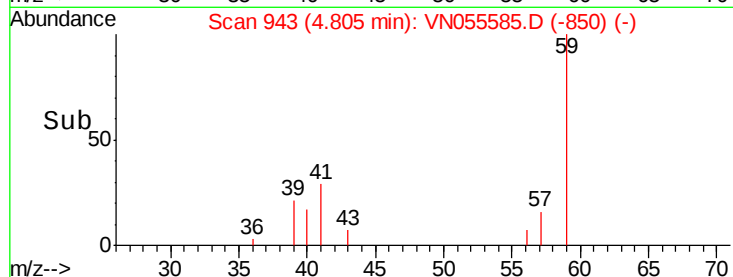
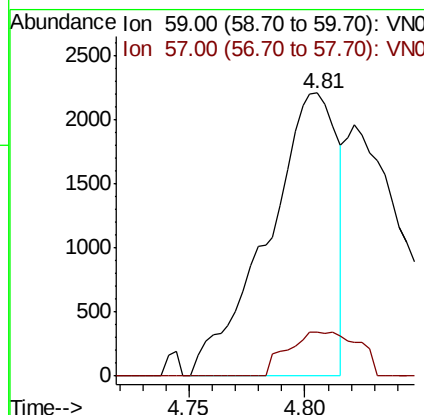
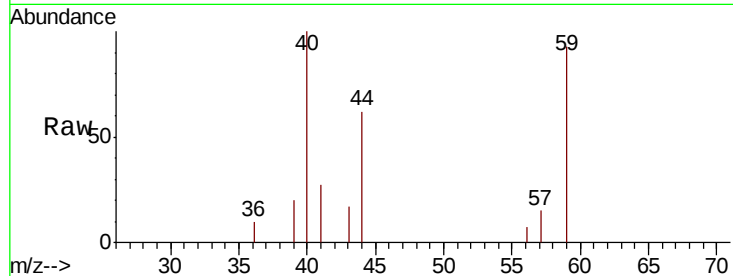


#11

Tert butyl alcohol
 Concen: 2.626 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

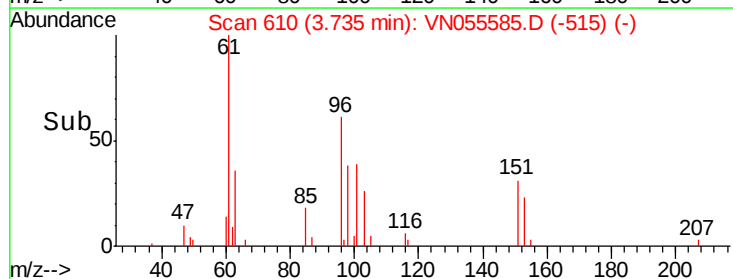
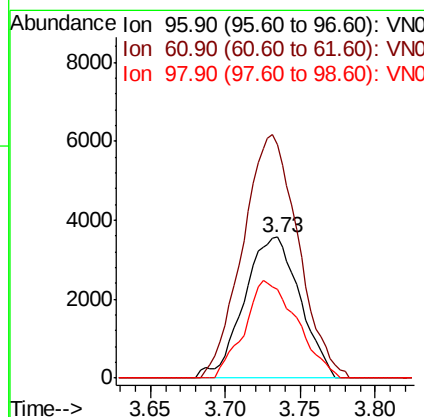
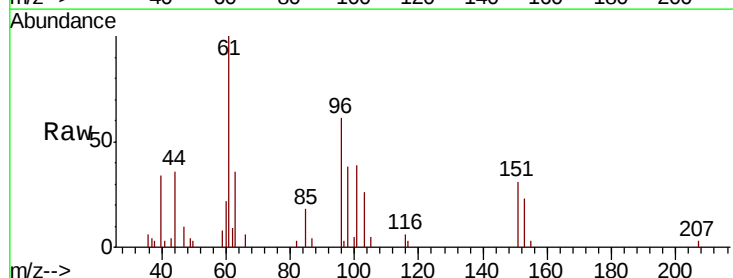
Tot Ion: 59 Resp: 4619
 Ion Ratio Lower Upper
 59 100
 57 15.8 7.6 11.4#

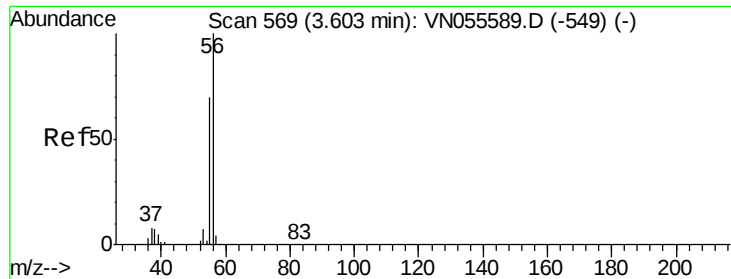


#12

1,1-Dichloroethene
 Concen: 1.025 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 96 Resp: 9254
 Ion Ratio Lower Upper
 96 100
 61 165.0 137.5 206.3
 98 62.5 50.3 75.5

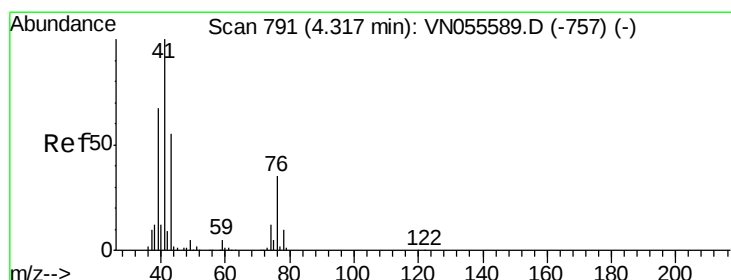
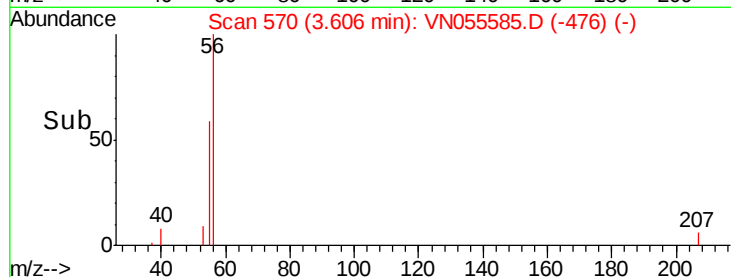
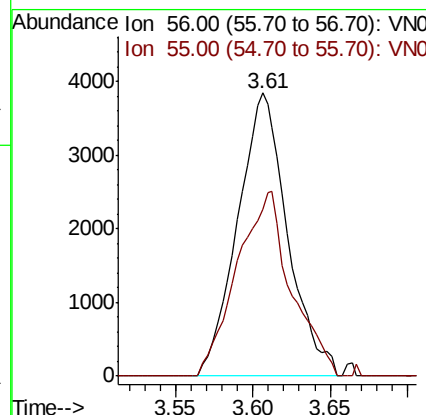
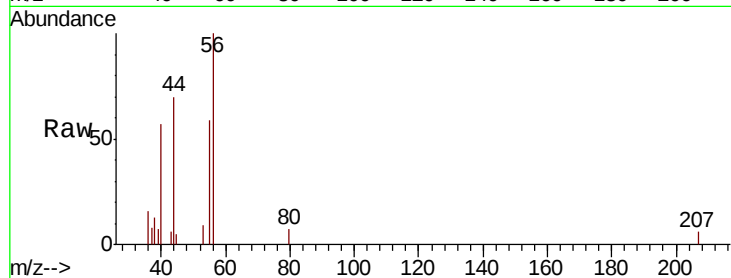




#13
Acrolein
Concen: 6.796 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

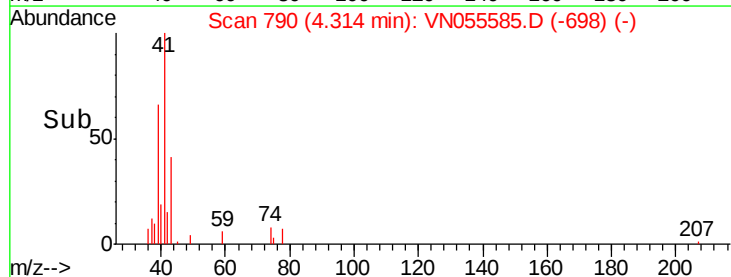
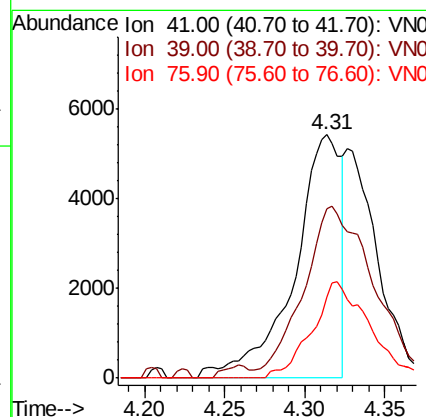
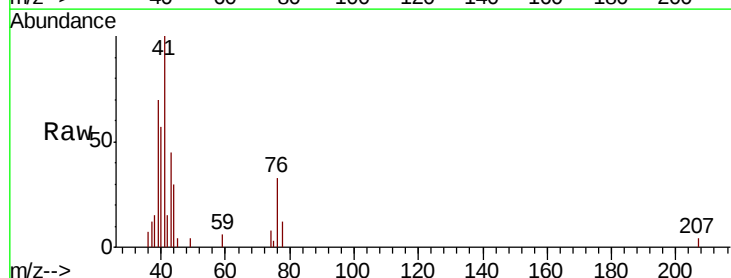
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

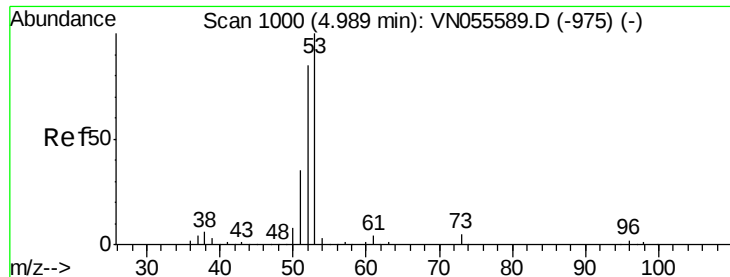
Tot Ion: 56 Resp: 8610
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7



#14
Allyl chloride
Concen: 0.607 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 41 Resp: 11071
Ion Ratio Lower Upper
41 100
39 105.6 49.3 73.9#
76 47.7 24.7 37.1#





#15

Acrylonitrile

Concen: 4.425 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

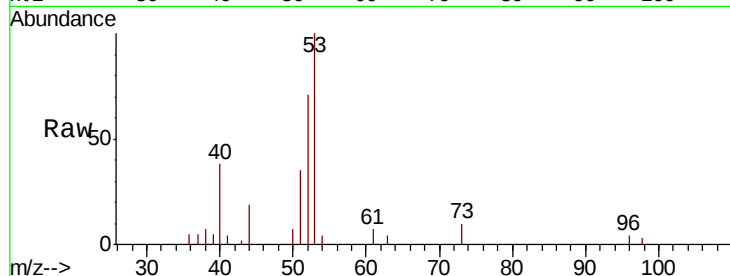
Tot Ion: 53 Resp: 24566

Ion Ratio Lower Upper

53 100

52 31.9 65.6 98.4#

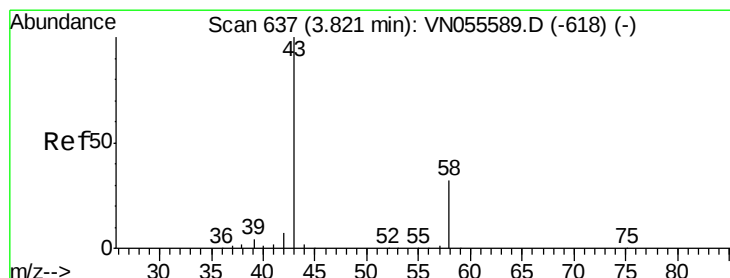
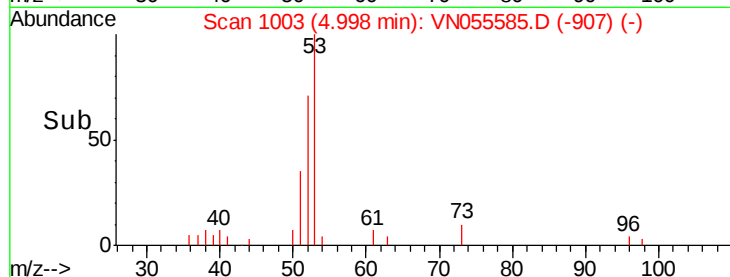
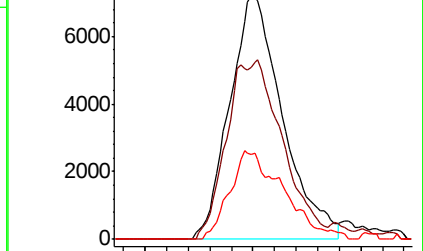
51 36.9 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN055585.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN055585.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN055585.D (-975) (-)



#16

Acetone

Concen: 4.691 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055585.D

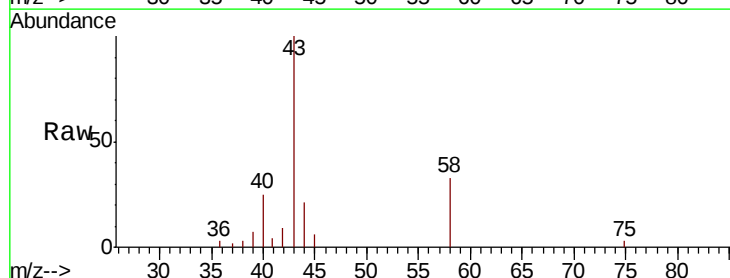
Acq: 14 May 2019 11:07

Tgt Ion: 43 Resp: 26619

Ion Ratio Lower Upper

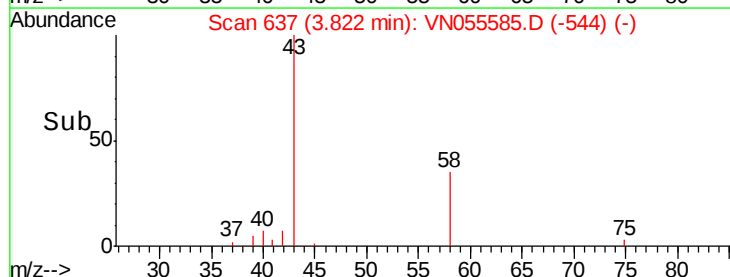
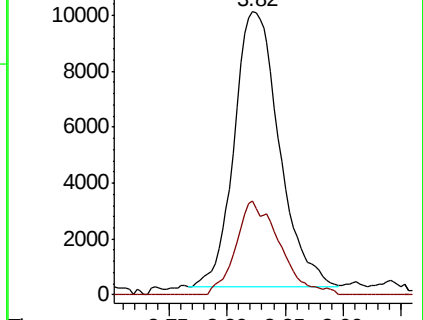
43 100

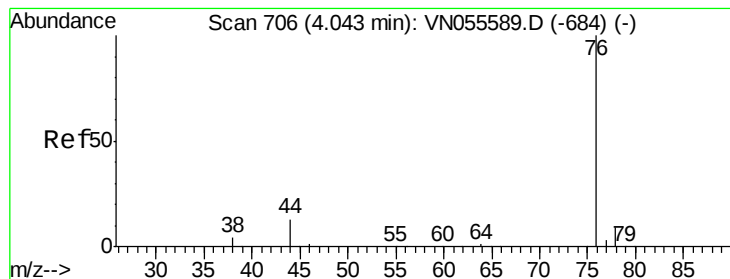
58 33.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN055585.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN055585.D (-544) (-)





#17

Carbon Disulfide

Concen: 1.162 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

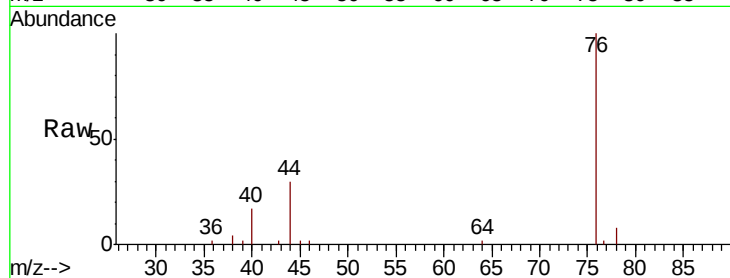
VSTDIC001

Tot Ion: 76 Resp: 28788

Ion Ratio Lower Upper

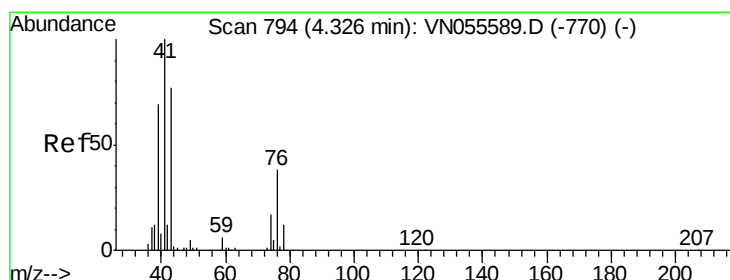
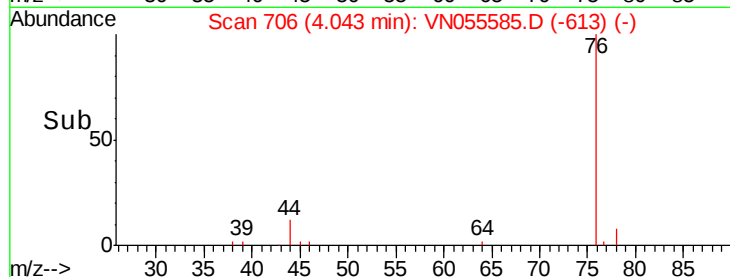
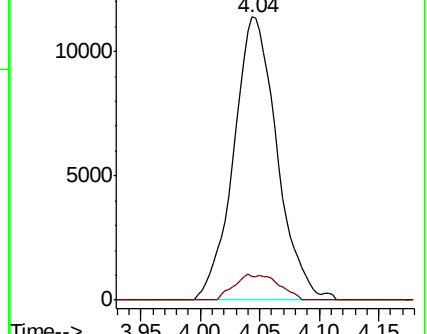
76 100

78 8.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.073 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055585.D

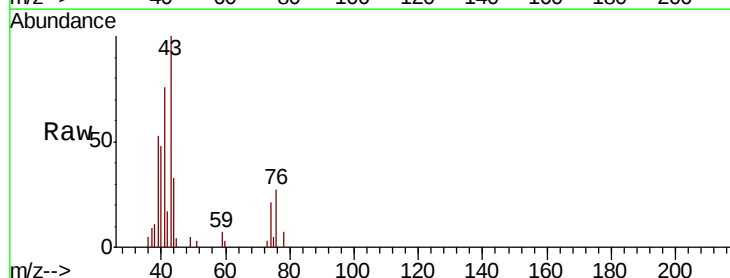
Acq: 14 May 2019 11:07

Tgt Ion: 43 Resp: 14873

Ion Ratio Lower Upper

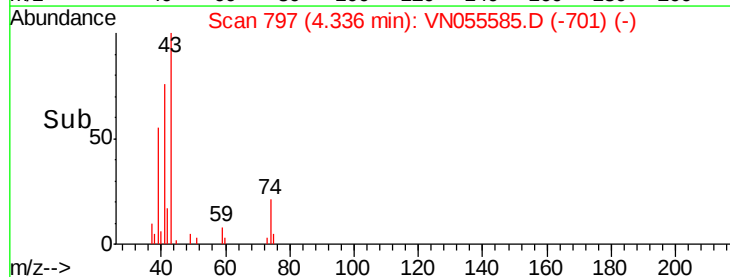
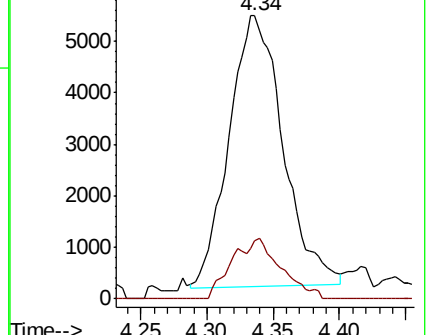
43 100

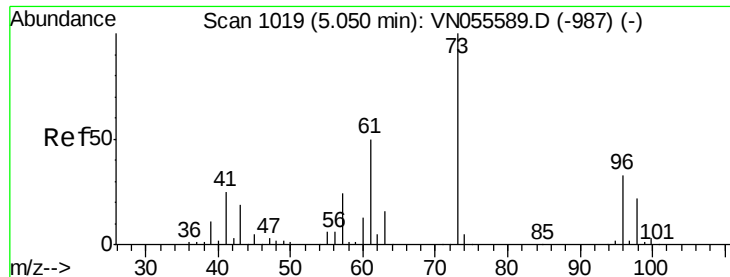
74 20.3 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

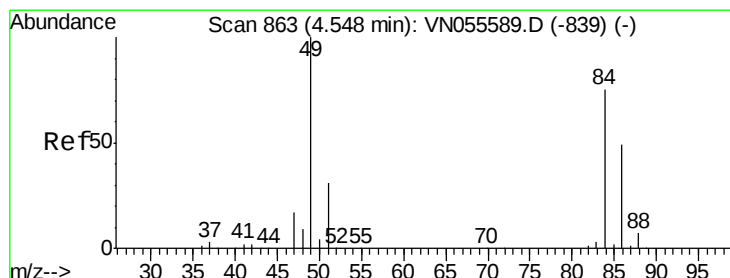
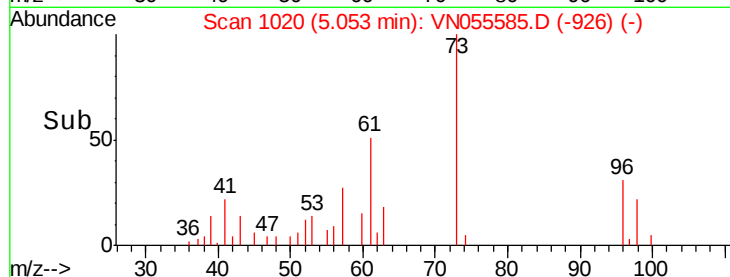
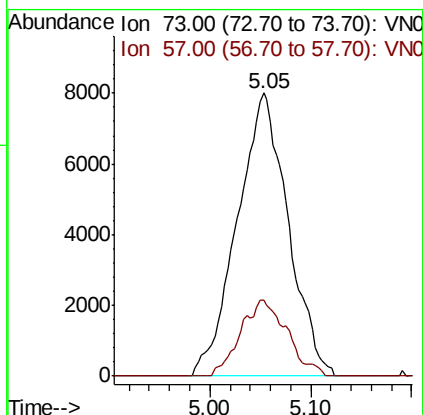
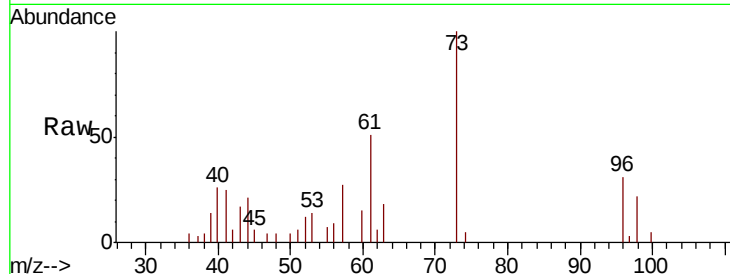




#19
Methvl tert-butvl Ether
Concen: 0.943 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

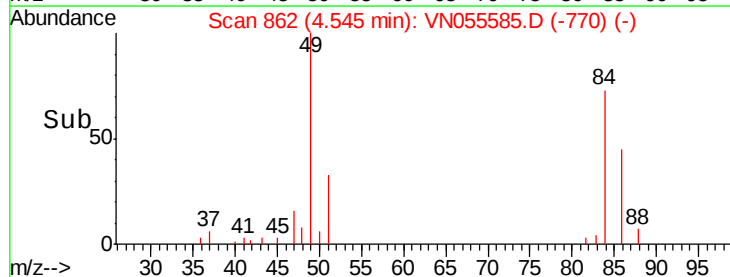
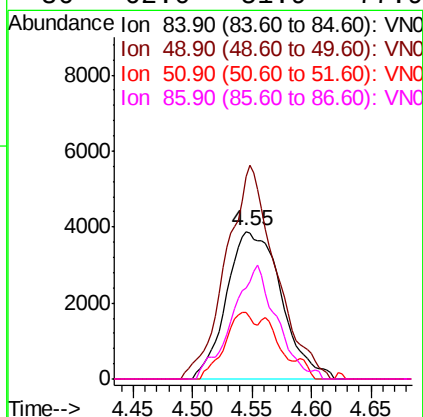
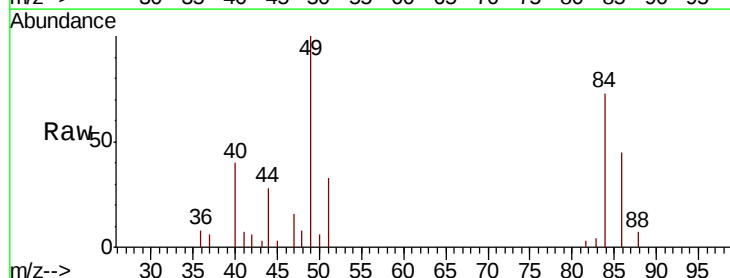
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

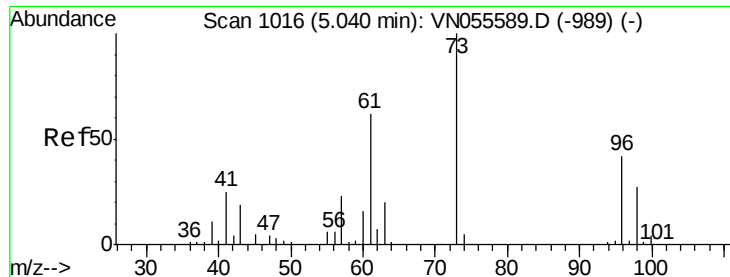
Tot Ion: 73 Resp: 27962
Ion Ratio Lower Upper
73 100
57 27.0 18.9 28.3



#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 4.55 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 84 Resp: 12402
Ion Ratio Lower Upper
84 100
49 137.2 106.2 159.2
51 44.8 32.7 49.1
86 62.0 51.9 77.9

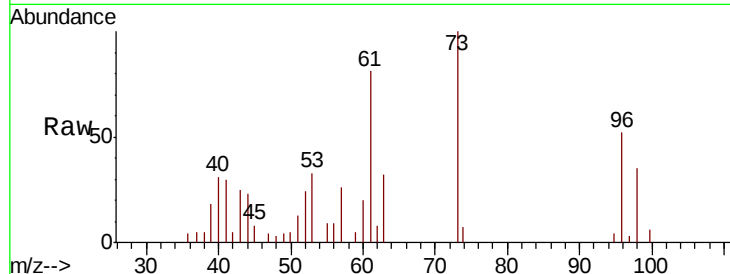




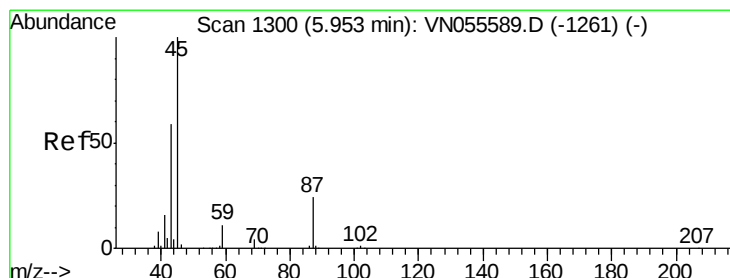
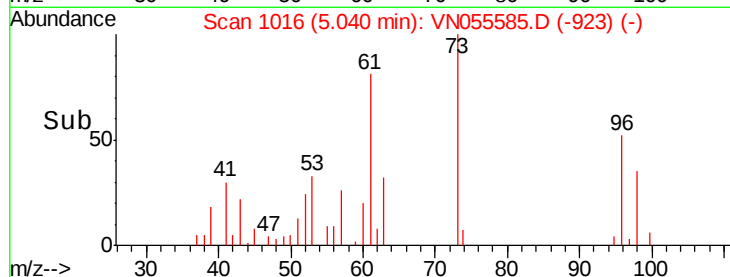
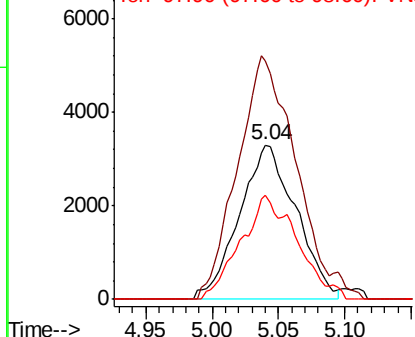
#21
trans-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 9847
Ion Ratio Lower Upper
96 100
61 154.7 117.8 176.6
98 67.1 51.4 77.2

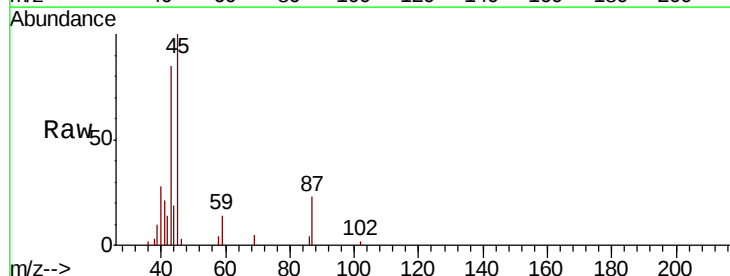


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

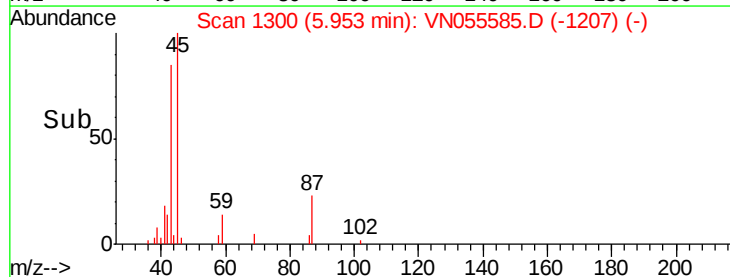
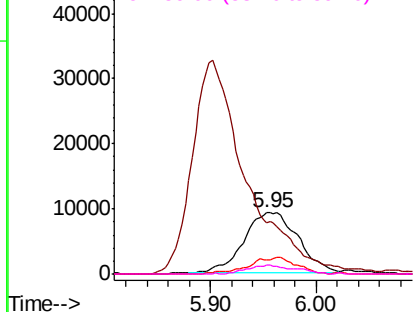


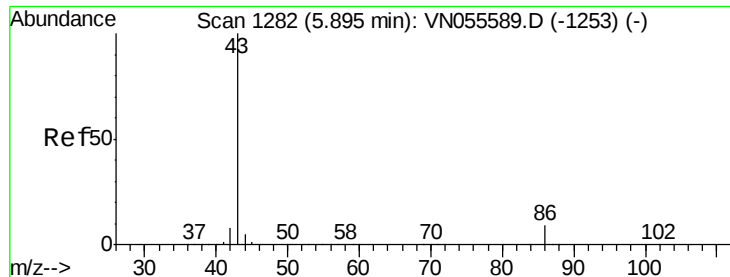
#22
Diisopropyl ether
Concen: 0.889 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 45 Resp: 32901
Ion Ratio Lower Upper
45 100
43 74.6 47.1 70.7#
87 24.0 19.5 29.3
59 14.8 9.0 13.4#



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

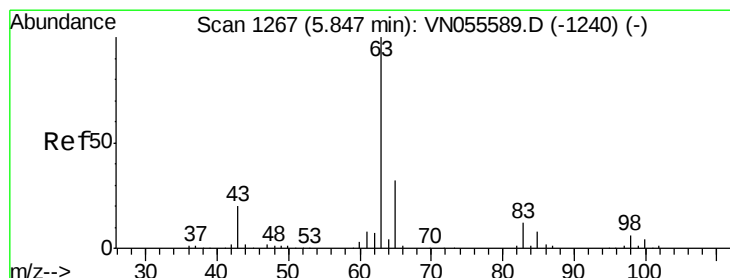
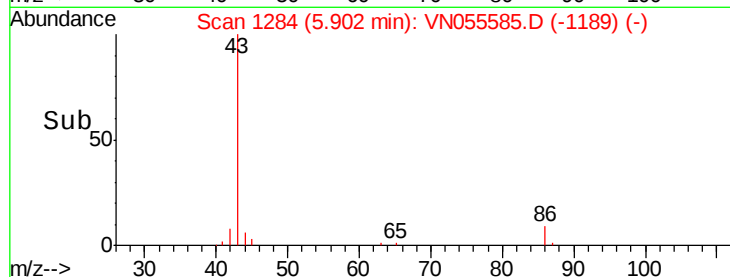
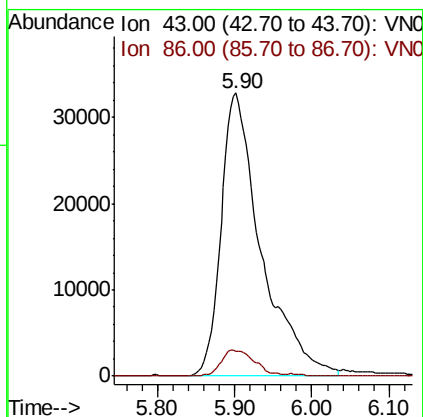
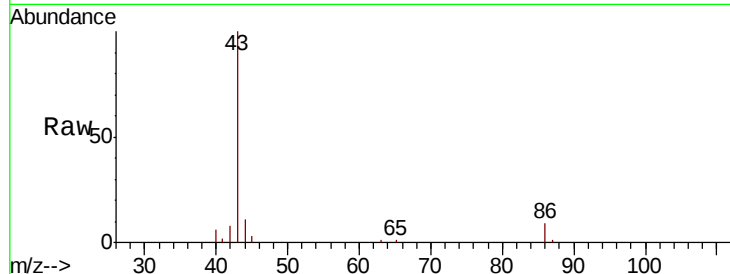




#23
 Vinyl Acetate
 Concen: 4.141 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

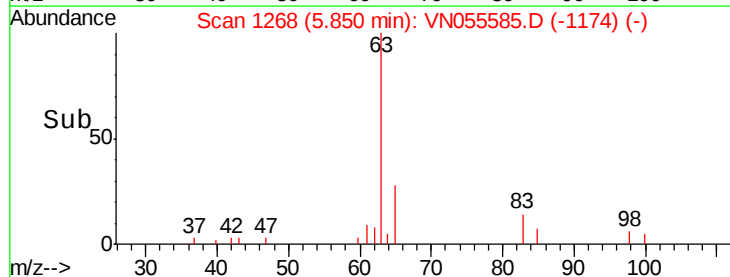
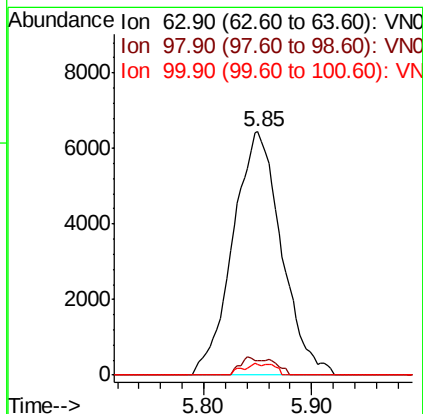
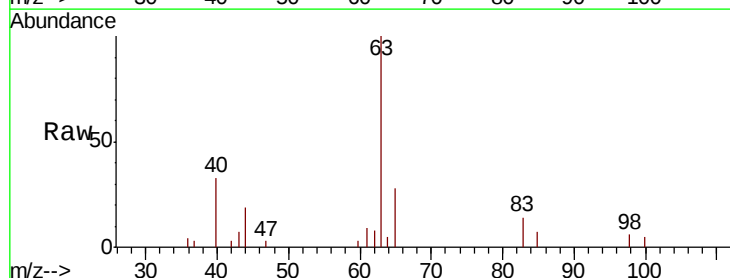
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

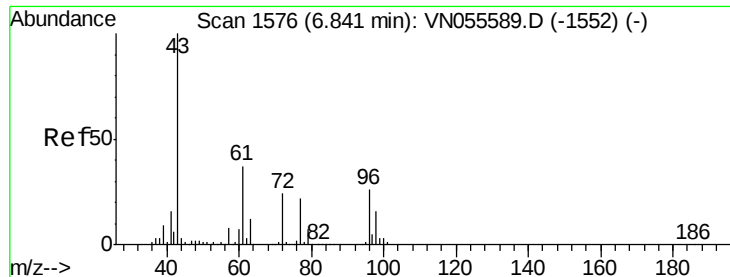
Tot Ion: 43 Resp: 117986
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 0.999 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 63 Resp: 20133
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 4.6 2.1 6.3

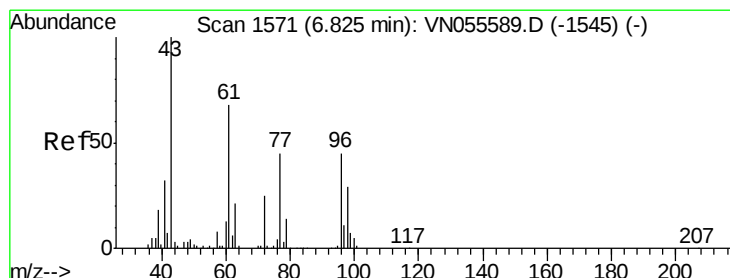
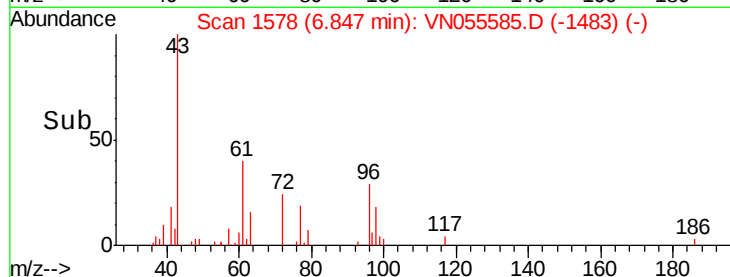
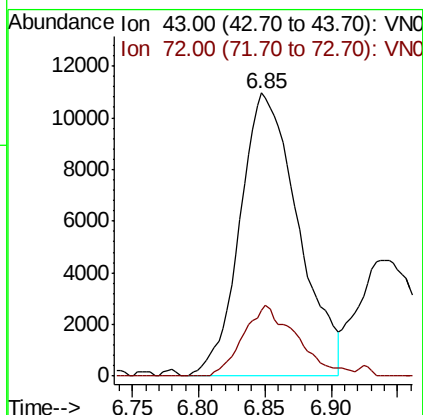
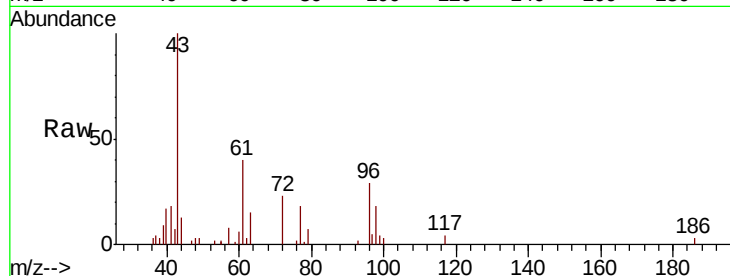




#25
2-Butanone
Concen: 4.350 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

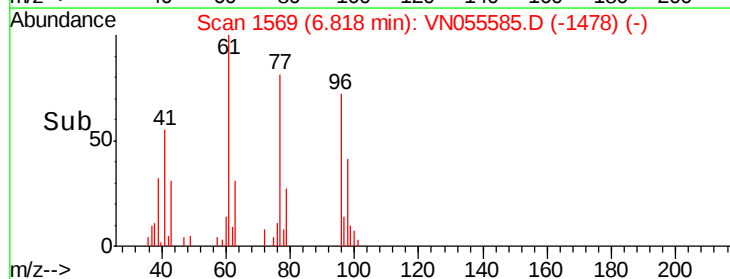
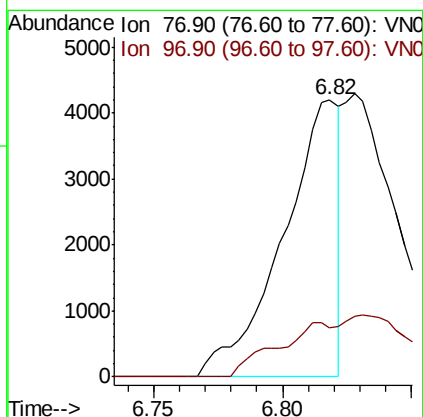
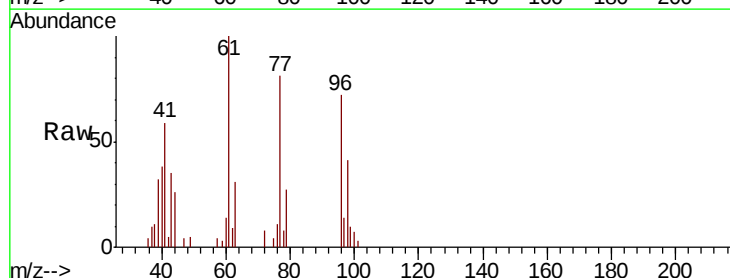
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

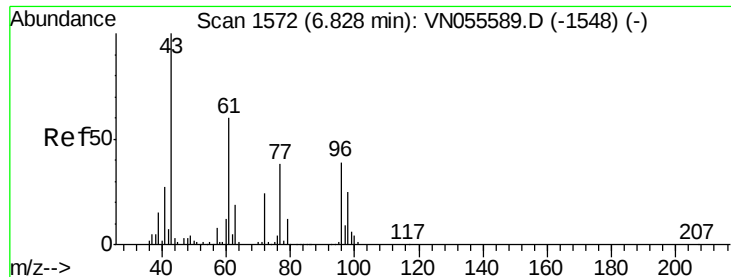
Tot Ion: 43 Resp: 33613
Ion Ratio Lower Upper
43 100
72 23.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 0.508 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 77 Resp: 6372
Ion Ratio Lower Upper
77 100
97 18.7 11.7 35.1

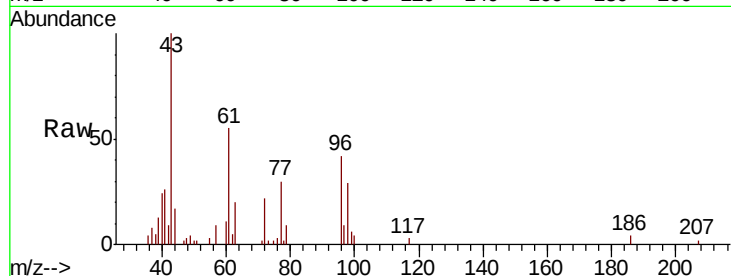




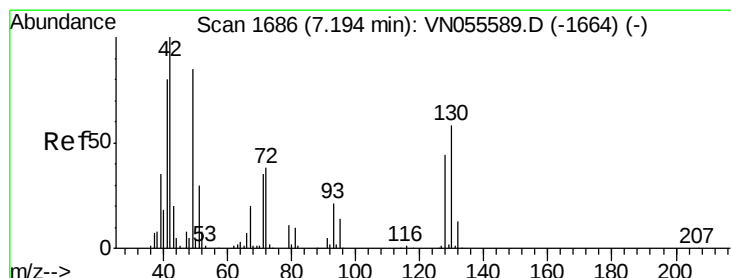
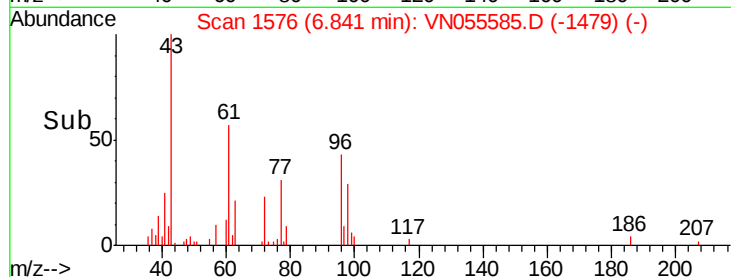
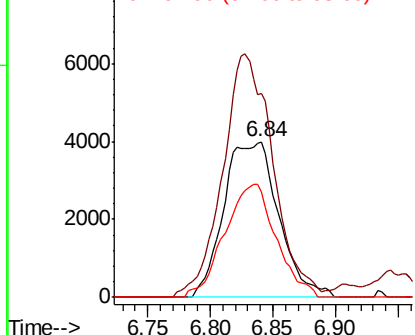
#27
 cis-1,2-Dichloroethene
 Concen: 1.080 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 96 Resp: 12166
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 305.0
 98 67.9 0.0 128.2

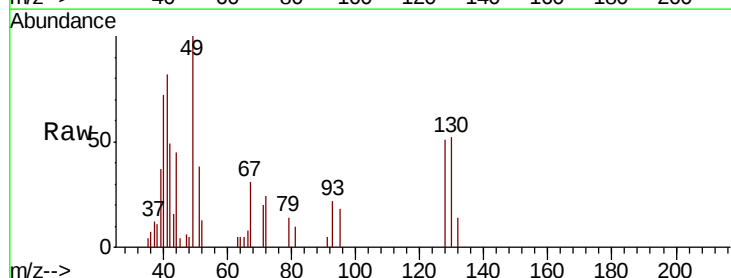


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

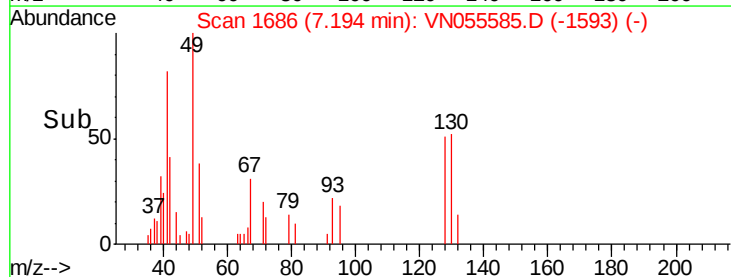
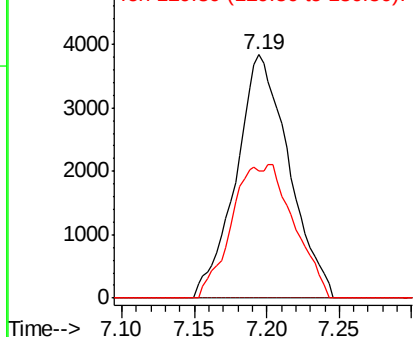


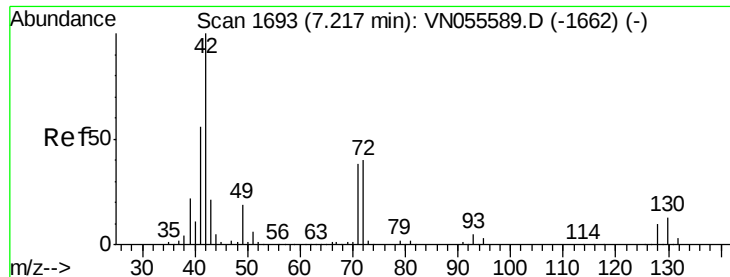
#28
 Bromochloromethane
 Concen: 0.944 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 49 Resp: 9728
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 34.2 52.4 78.6#



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

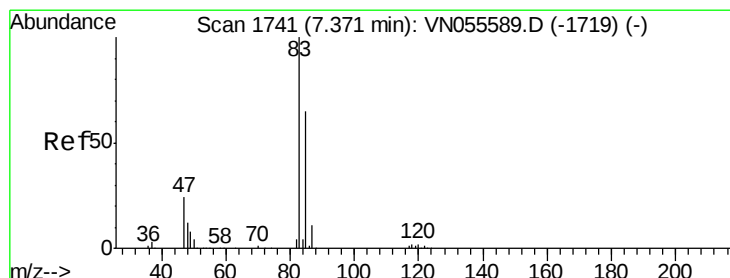
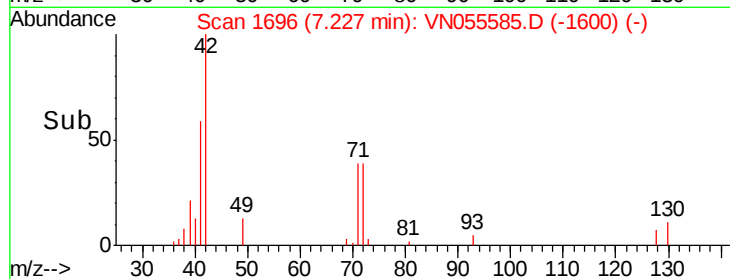
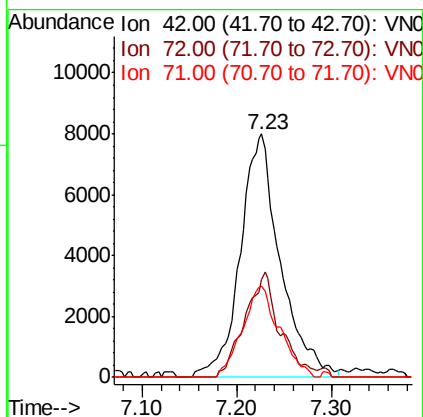
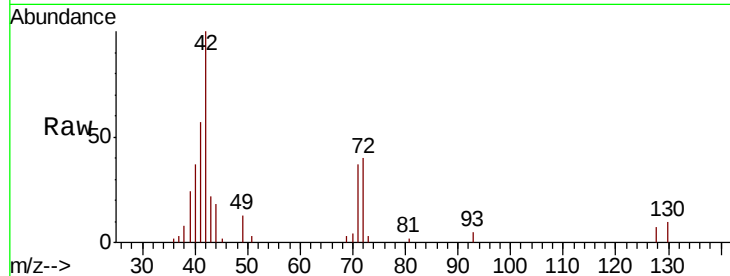




#29
Tetrahydrofuran
Concen: 4.591 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

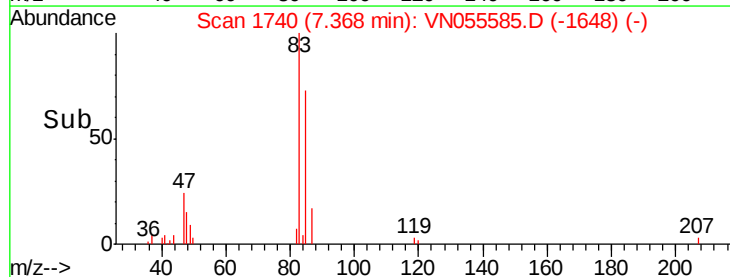
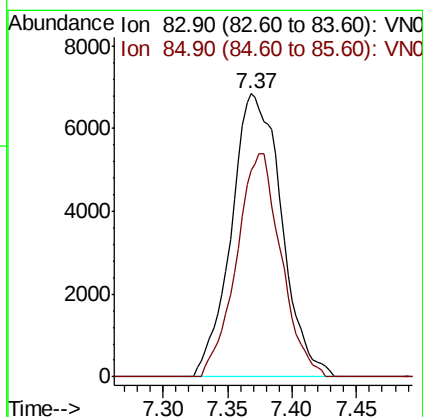
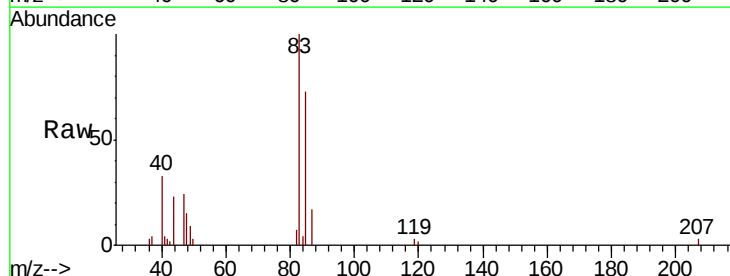
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

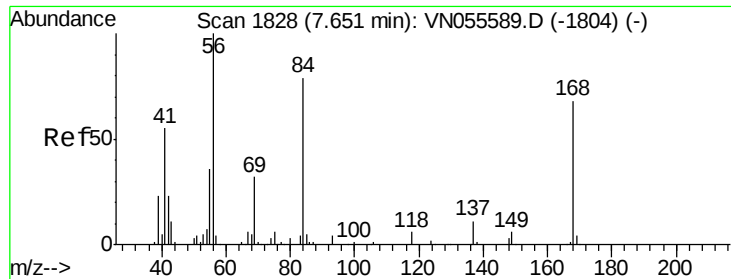
Tot Ion: 42 Resp: 23473
Ion Ratio Lower Upper
42 100
72 37.9 31.4 47.2
71 34.5 29.9 44.9



#30
Chloroform
Concen: 0.998 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 83 Resp: 18570
Ion Ratio Lower Upper
83 100
85 73.0 51.9 77.9

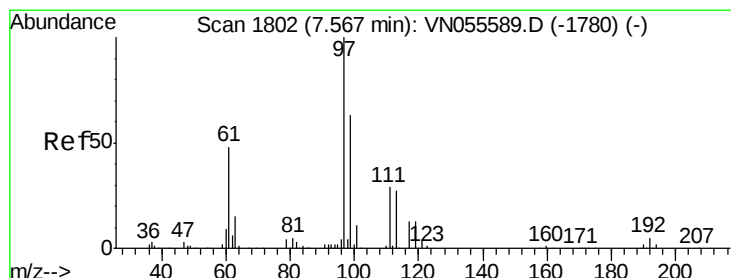
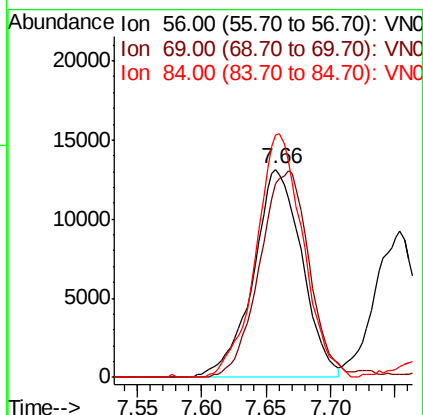
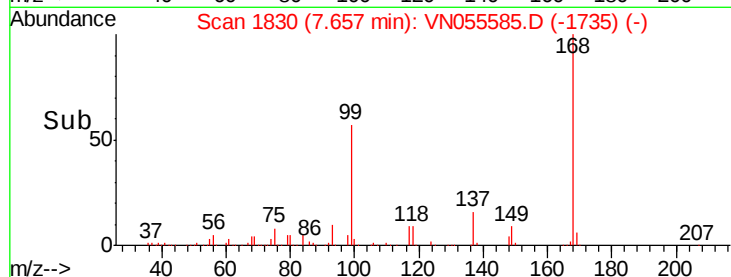
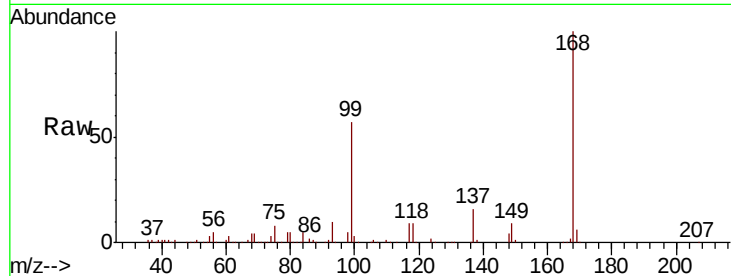




#31
Cyclohexane
Concen: 1.729 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

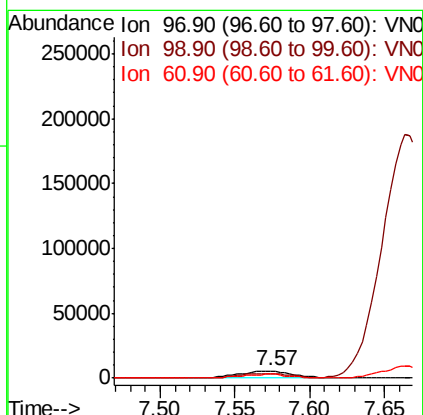
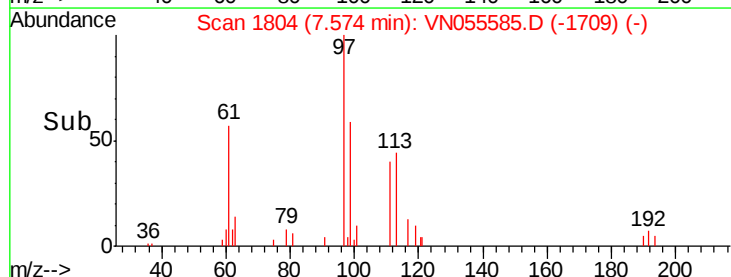
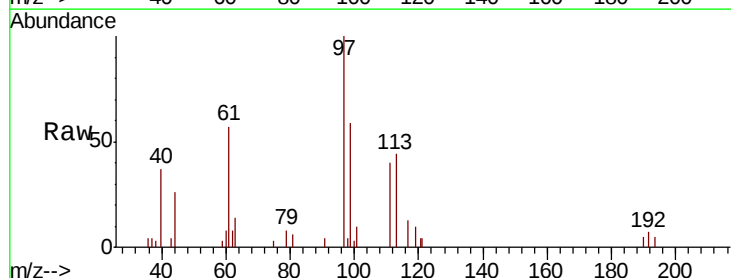
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

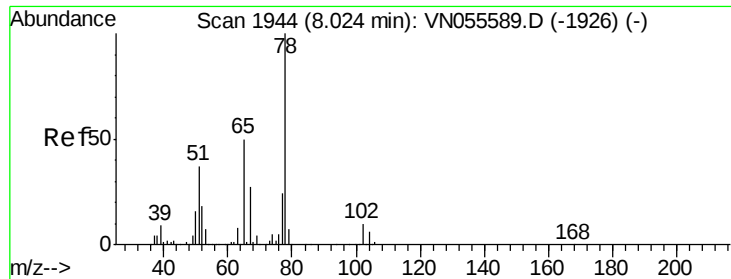
Tot Ion: 56 Resp: 34490
Ion Ratio Lower Upper
56 100
69 92.8 25.7 38.5#
84 116.6 63.4 95.0#



#32
1,1,1-Trichloroethane
Concen: 0.976 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 97 Resp: 13868
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 49.8 38.7 58.1

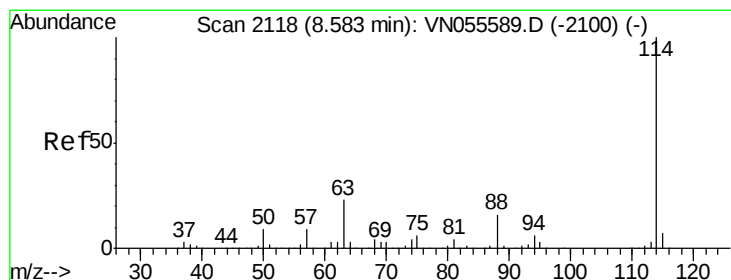
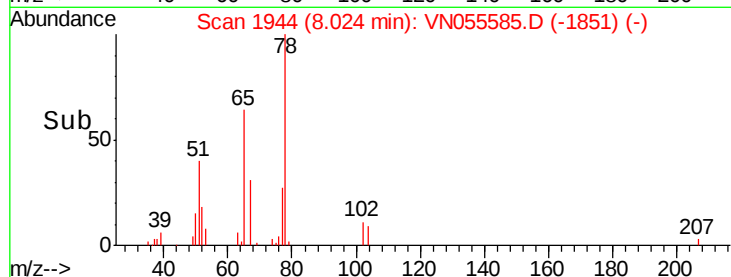
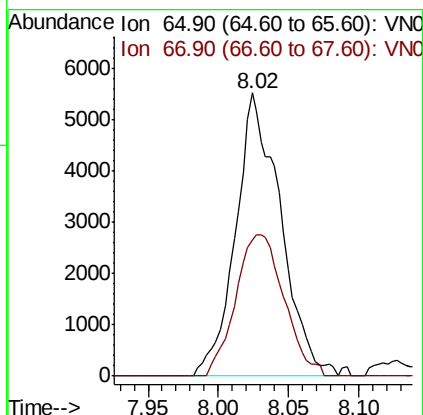
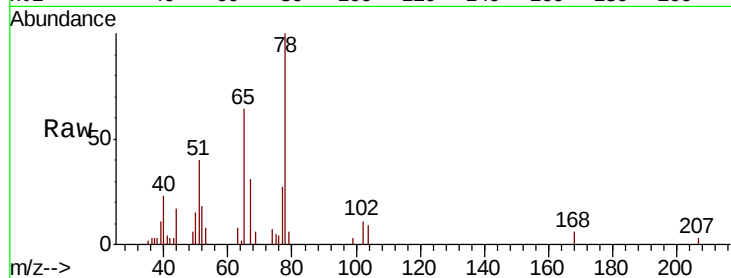




#33
 1,2-Dichloroethane-d4
 Concen: 1.000 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

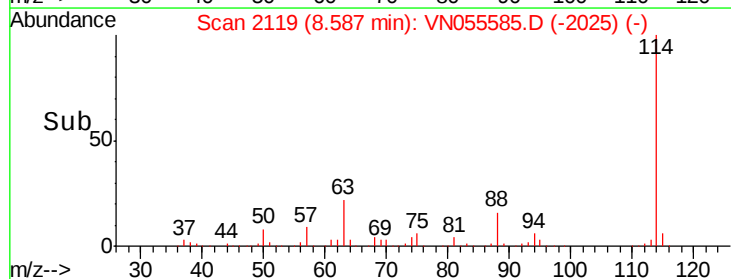
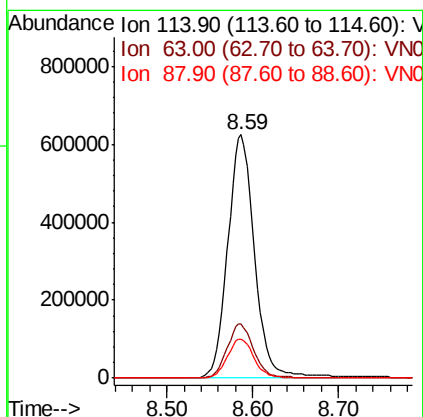
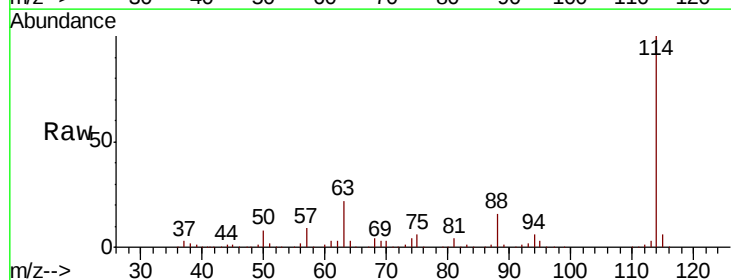
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

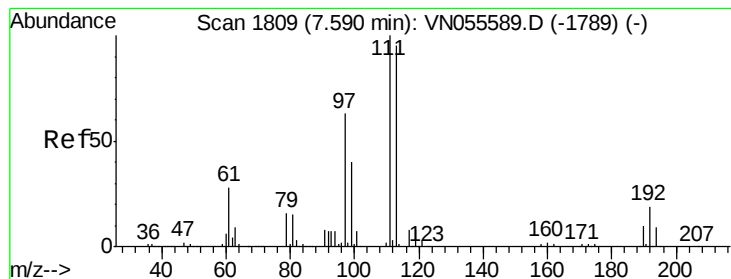
Tot Ion: 65 Resp: 12318
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 114 Resp: 1354161
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.8
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 1.114 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

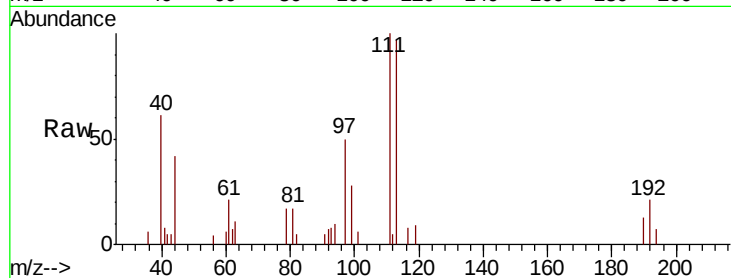
Tot Ion:113 Resp: 9740

Ion Ratio Lower Upper

113 100

111 100.6 83.5 125.3

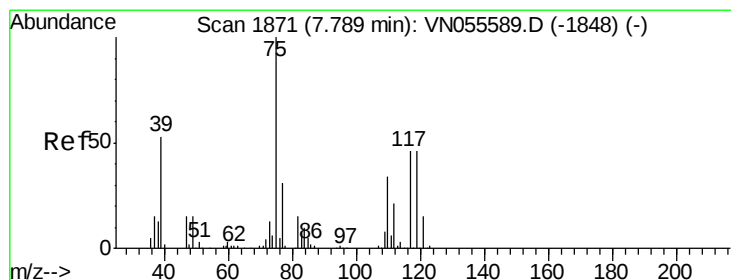
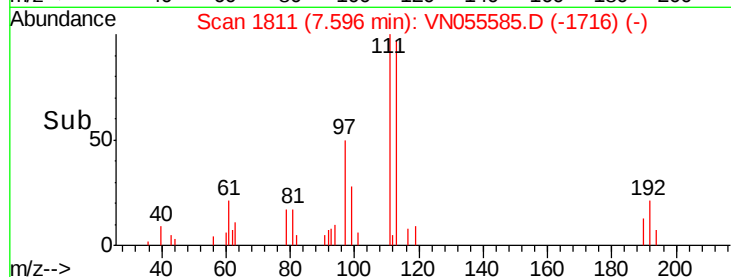
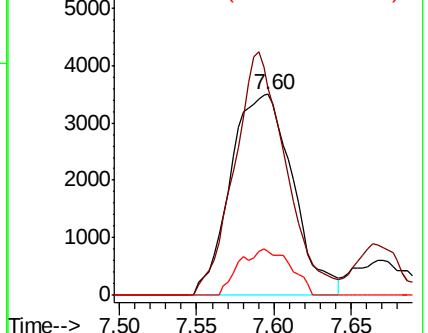
192 19.1 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.155 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

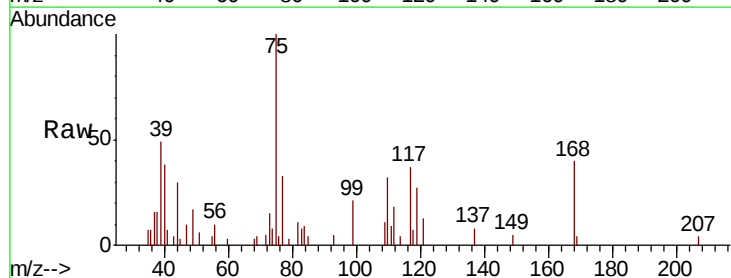
Tgt Ion: 75 Resp: 15333

Ion Ratio Lower Upper

75 100

110 30.0 16.9 50.7

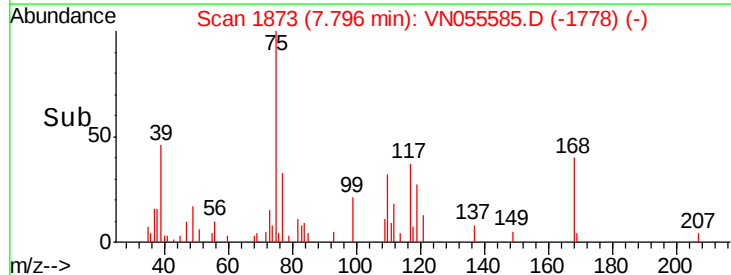
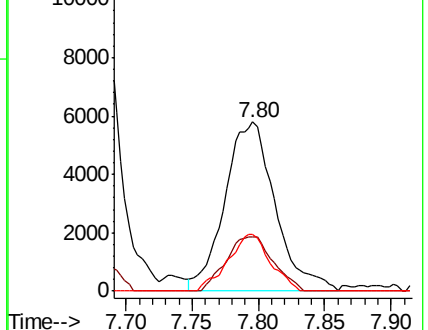
77 28.0 24.9 37.3

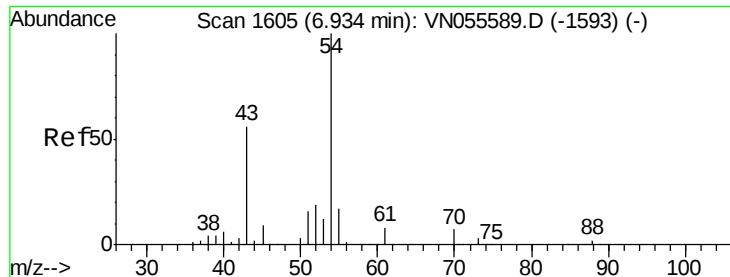


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

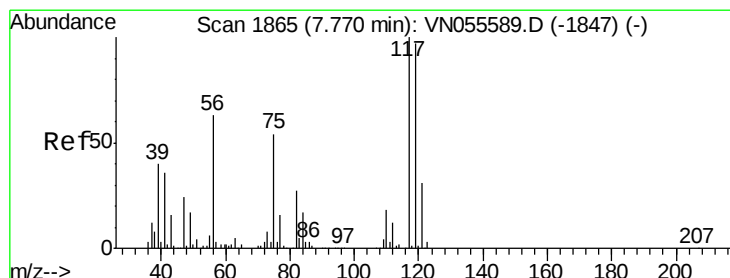
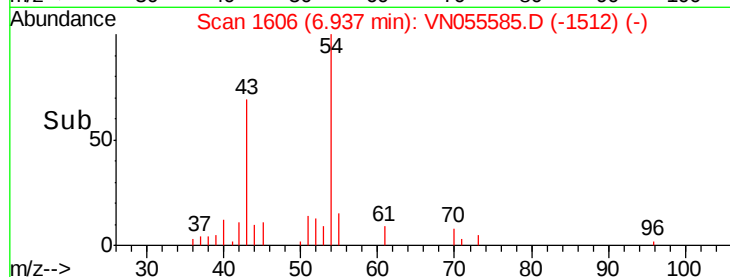
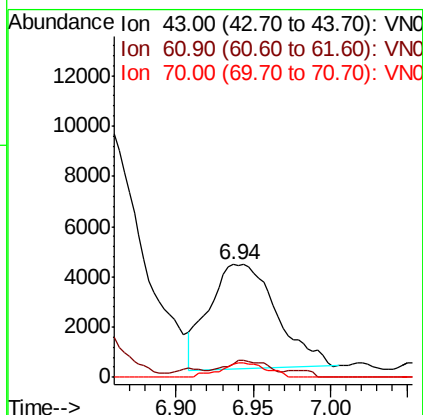
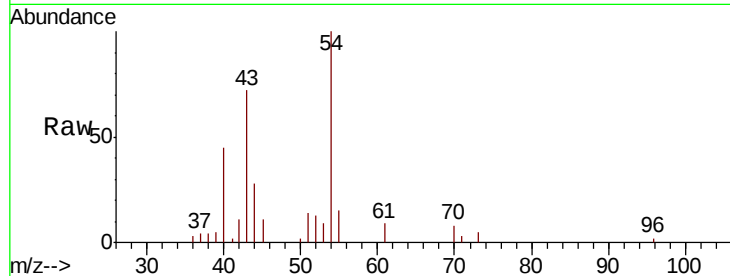




#37
Ethyl Acetate
Concen: 0.895 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

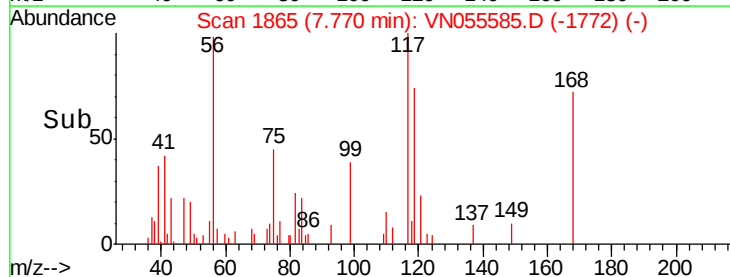
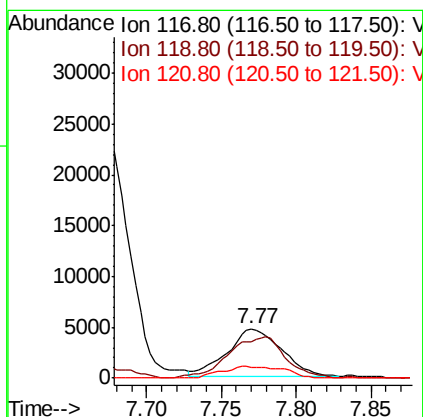
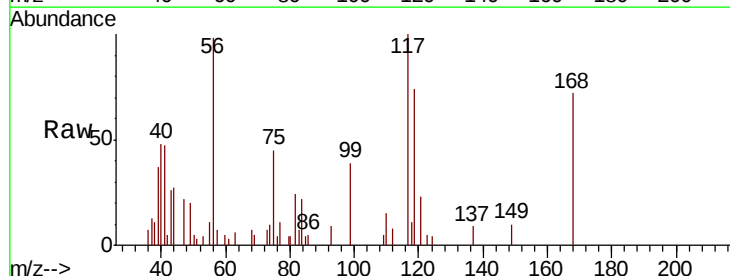
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

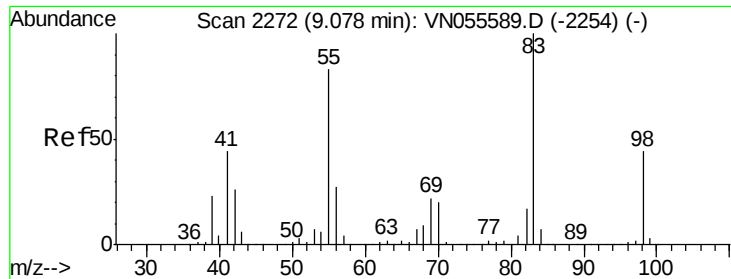
Tot Ion: 43 Resp: 12706
Ion Ratio Lower Upper
43 100
61 10.7 10.8 16.2#
70 9.5 7.4 11.2



#38
Carbon Tetrachloride
Concen: 1.069 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 117 Resp: 12018
Ion Ratio Lower Upper
117 100
119 76.9 77.1 115.7#
121 23.7 24.4 36.6#

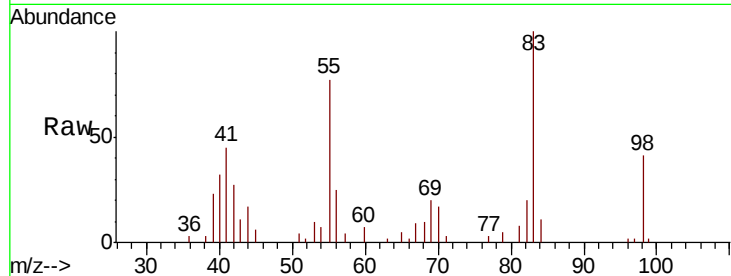




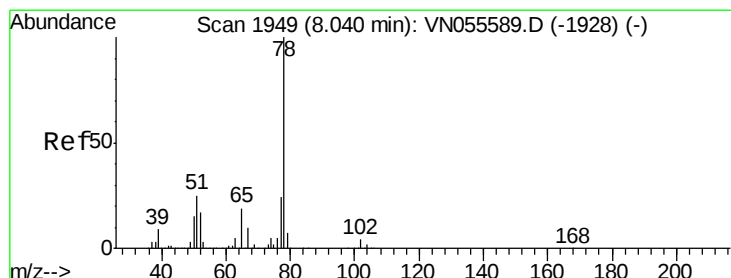
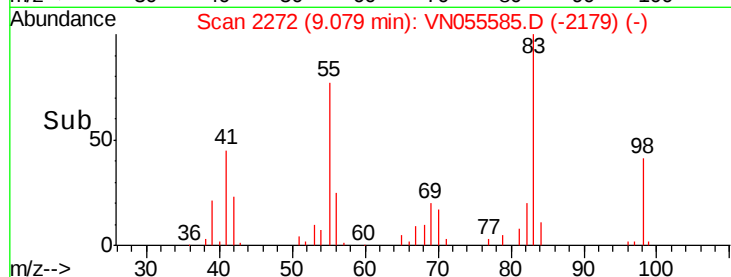
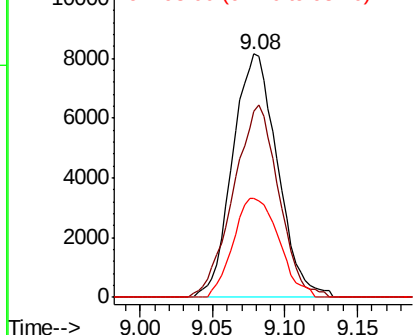
#39
Methvlcvclohexane
Concen: 1.084 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 17525
Ion Ratio Lower Upper
83 100
55 76.5 66.3 99.5
98 40.7 34.8 52.2

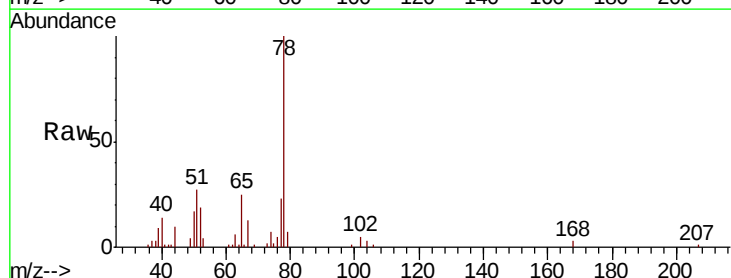


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

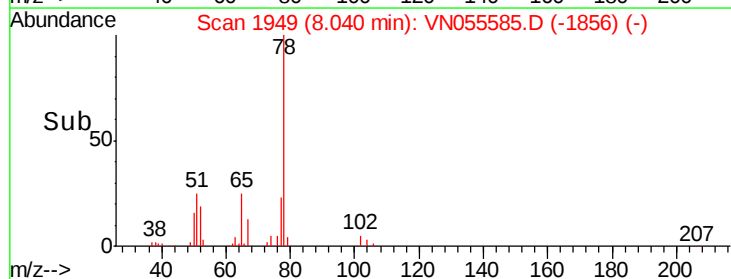
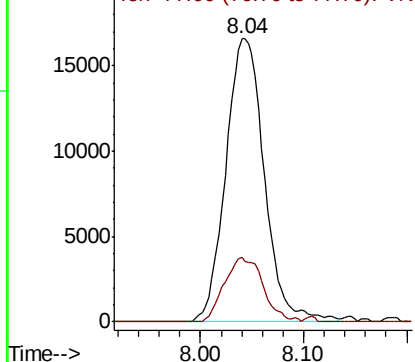


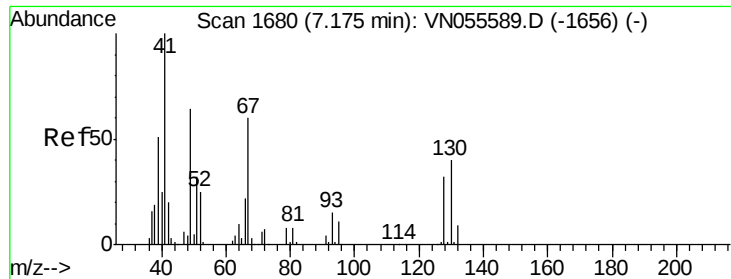
#40
Benzene
Concen: 1.048 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 78 Resp: 43104
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3



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

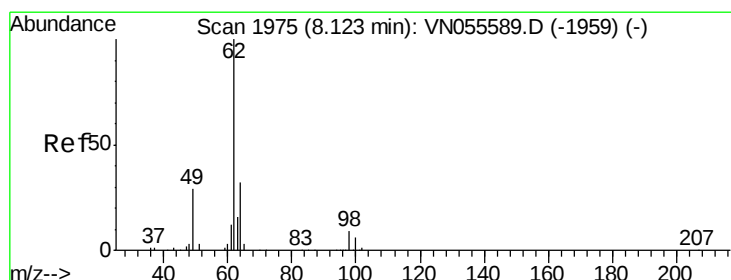
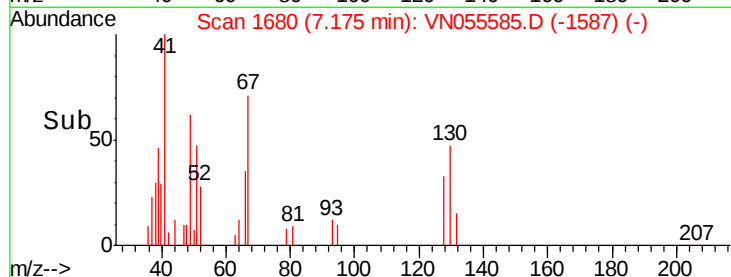
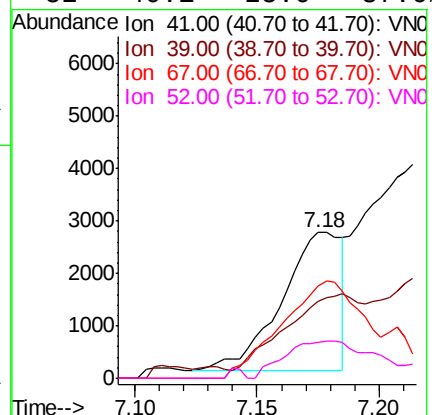
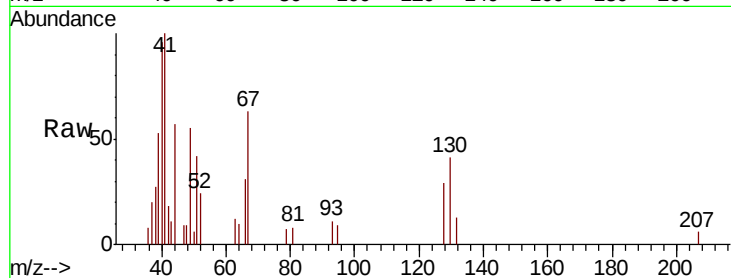




#41
Methacrylonitrile
Concen: 0.681 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

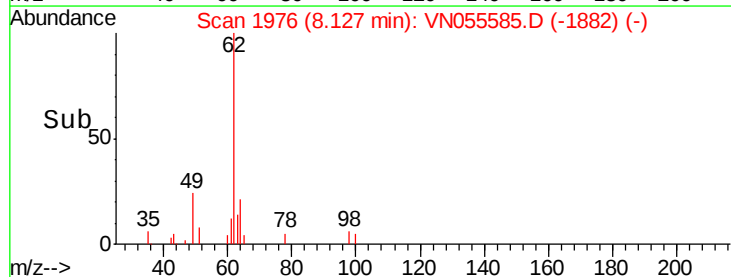
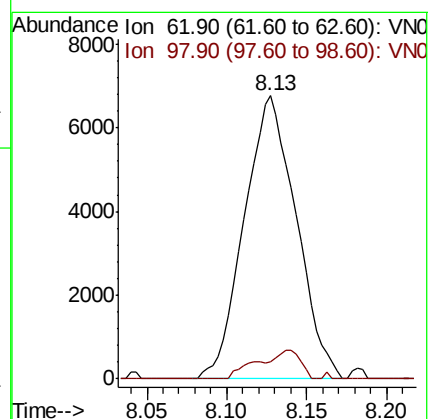
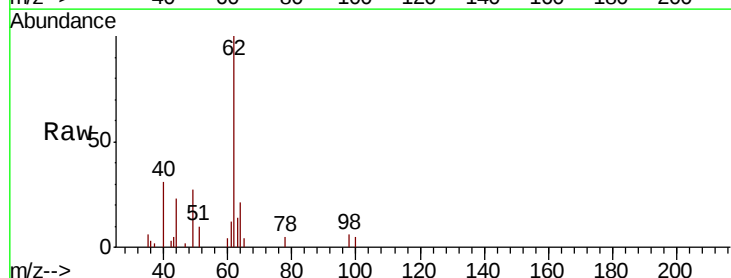
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

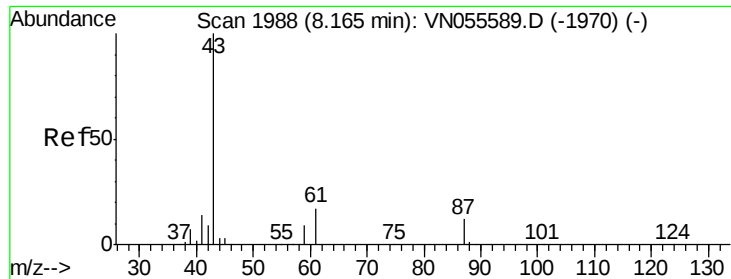
Tot Ion: 41 Resp: 4475
Ion Ratio Lower Upper
41 100
39 69.1 44.1 66.1#
67 94.5 63.4 95.0
52 40.1 25.0 37.6#



#42
1,2-Dichloroethane
Concen: 1.046 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 62 Resp: 15059
Ion Ratio Lower Upper
62 100
98 5.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 0.952 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

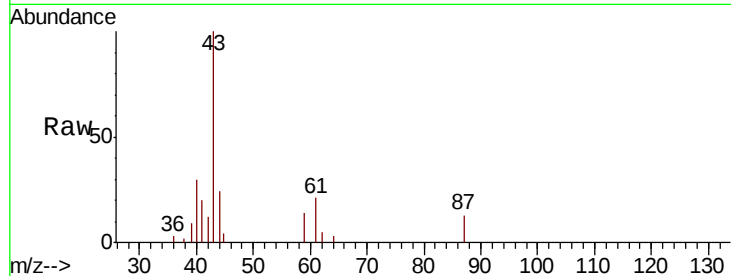
Tot Ion: 43 Resp: 20458

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

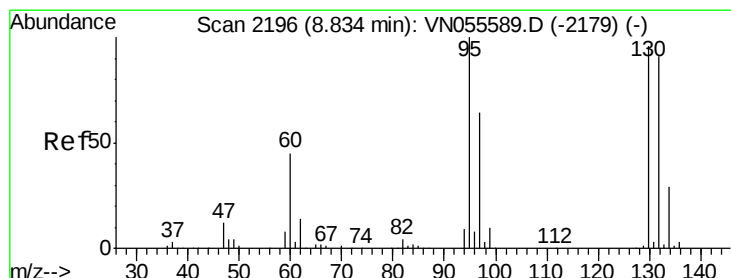
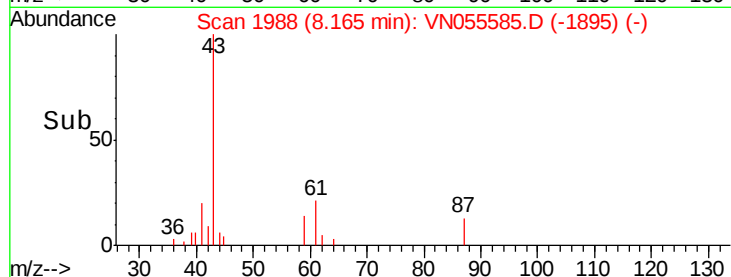
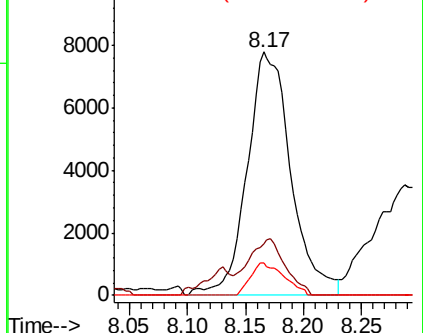
87 10.1 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VN055589.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055589.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055589.D (-1970) (-)



#44

Trichloroethene

Concen: 1.047 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055585.D

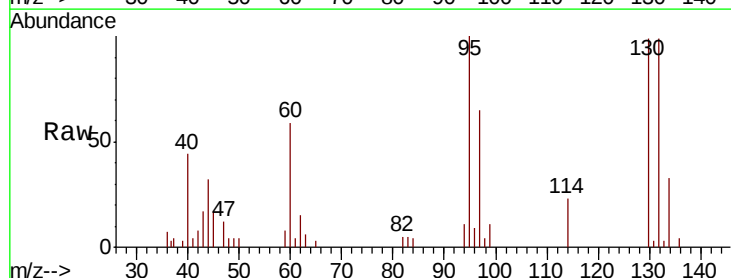
Acq: 14 May 2019 11:07

Tgt Ion: 130 Resp: 10319

Ion Ratio Lower Upper

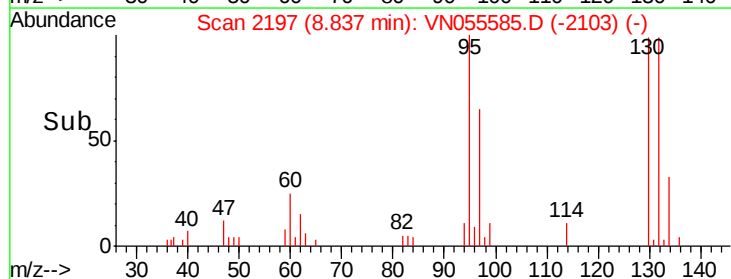
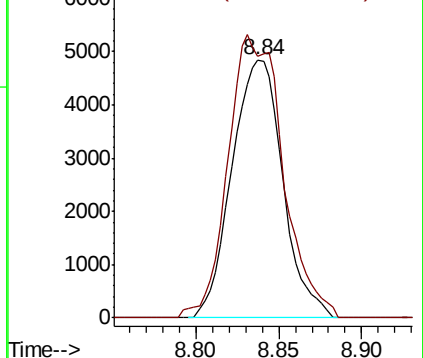
130 100

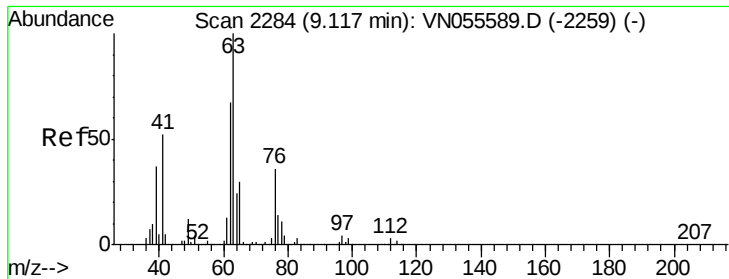
95 101.3 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN055589.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055589.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 0.974 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

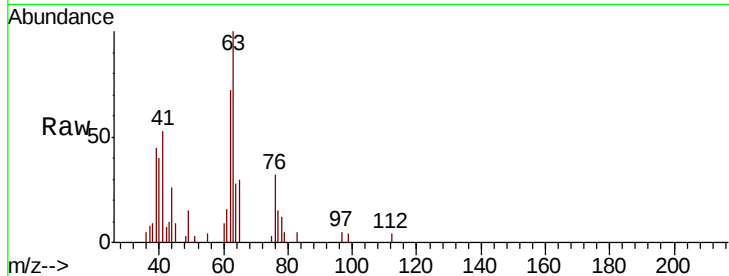
VSTDIC001

Tot Ion: 63 Resp: 11445

Ion Ratio Lower Upper

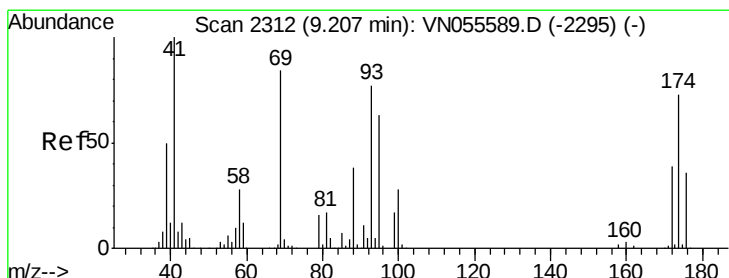
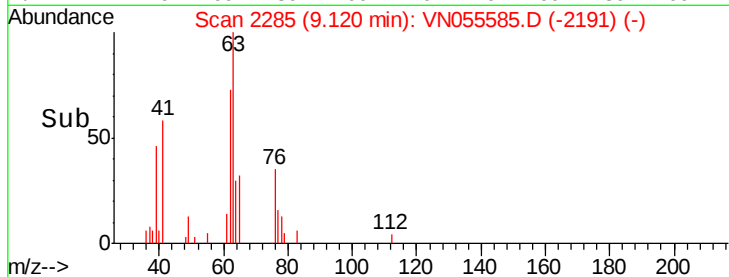
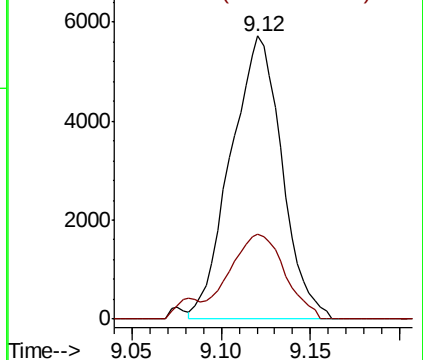
63 100

65 30.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 1.084 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

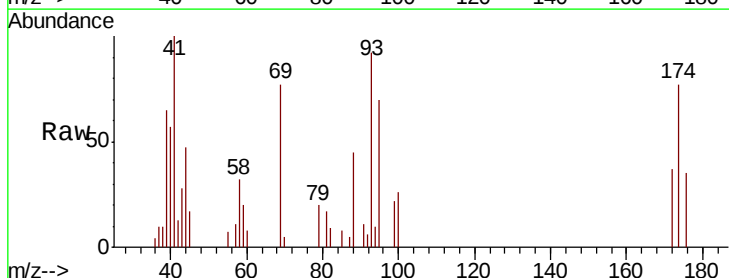
Tgt Ion: 93 Resp: 7372

Ion Ratio Lower Upper

93 100

95 85.4 66.6 100.0

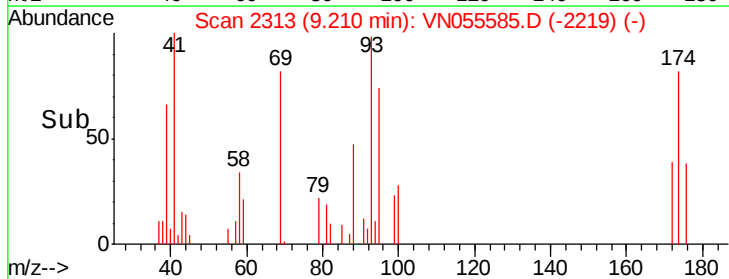
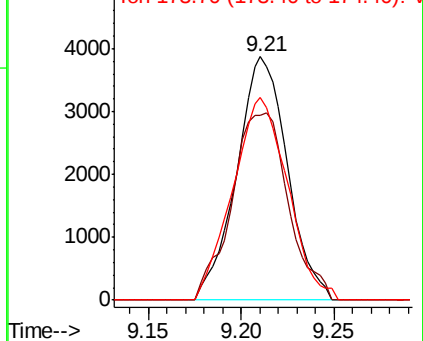
174 90.0 78.4 117.6

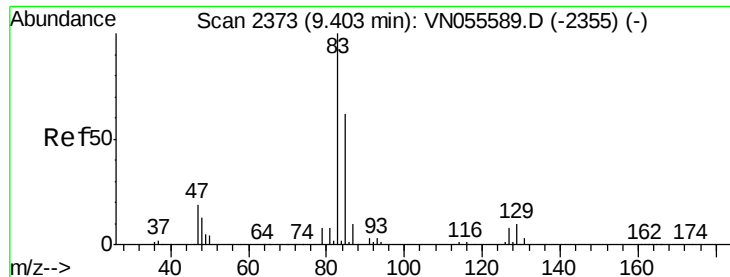


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 1.025 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

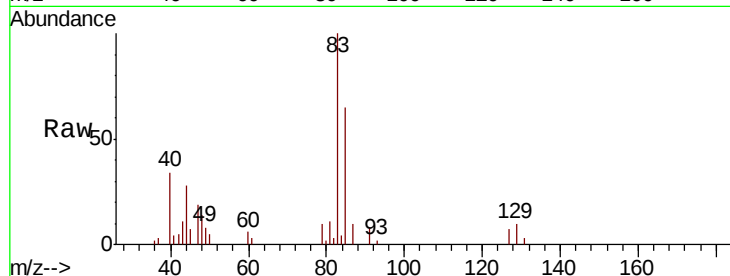
Tot Ion: 83 Resp: 13397

Ion Ratio Lower Upper

83 100

85 65.3 49.6 74.4

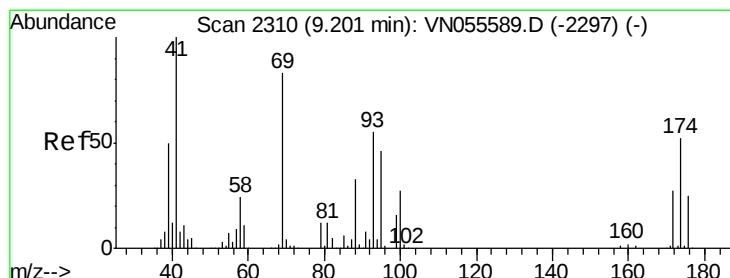
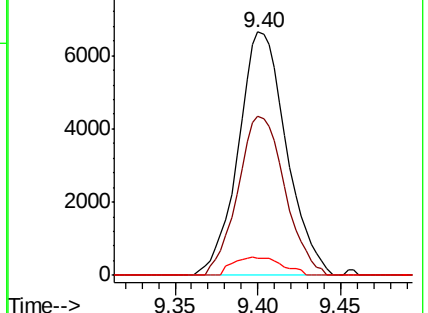
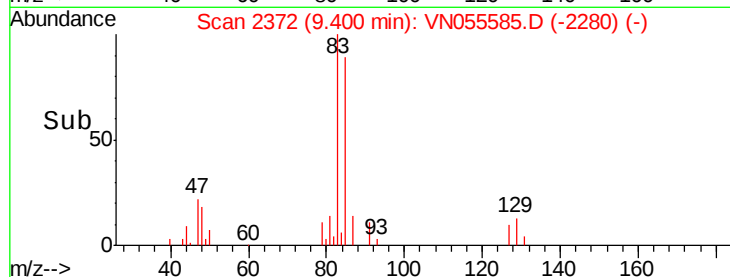
127 7.1 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.995 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

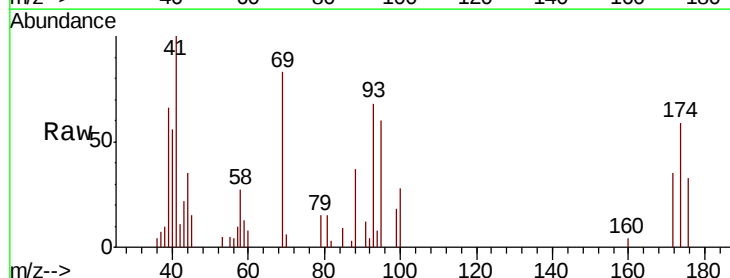
Tgt Ion: 41 Resp: 10332

Ion Ratio Lower Upper

41 100

69 78.8 65.7 98.5

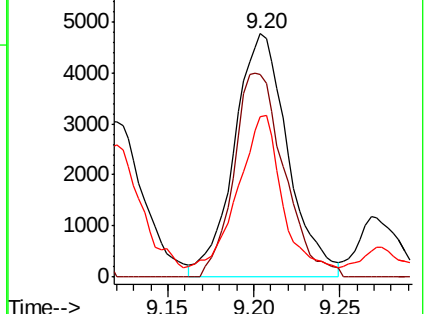
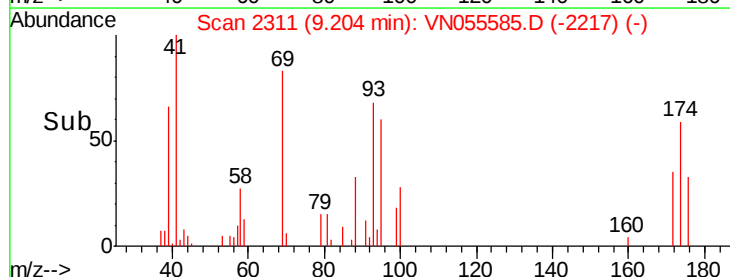
39 58.8 40.2 60.4

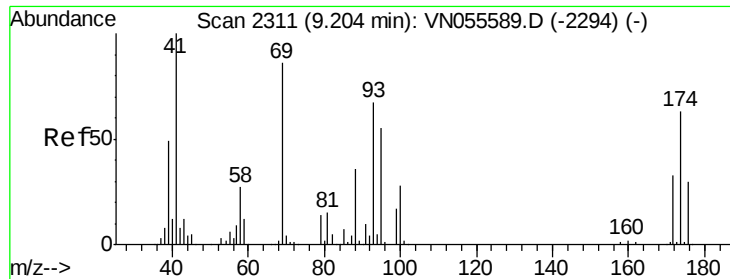


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

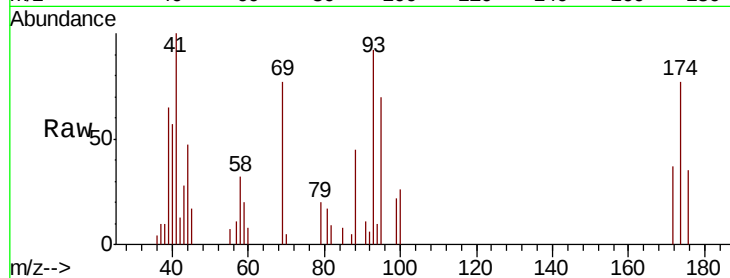




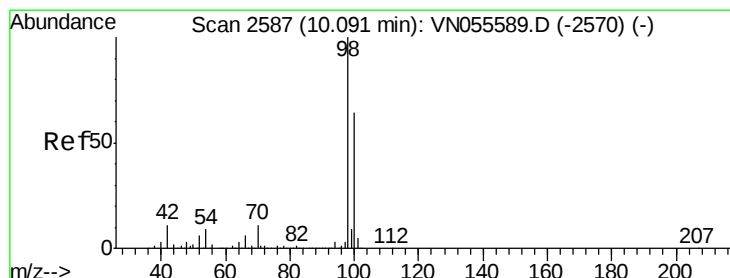
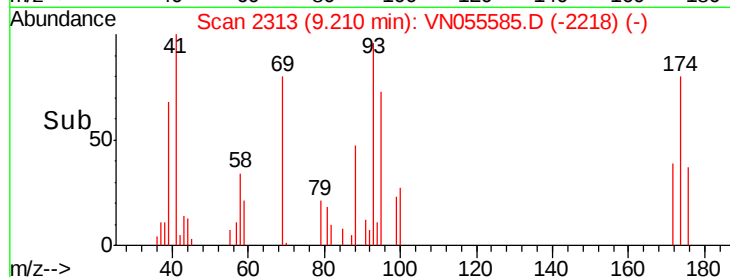
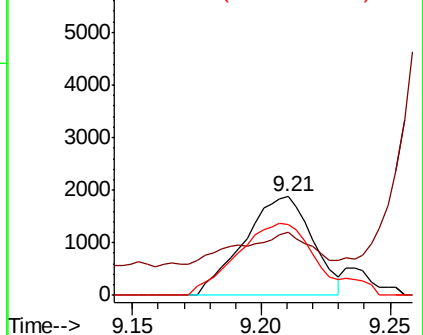
#49
1,4-Dioxane
Concen: 17.306 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 88 Resp: 3481
Ion Ratio Lower Upper
88 100
43 38.8 25.4 38.0#
58 85.6 59.4 89.2

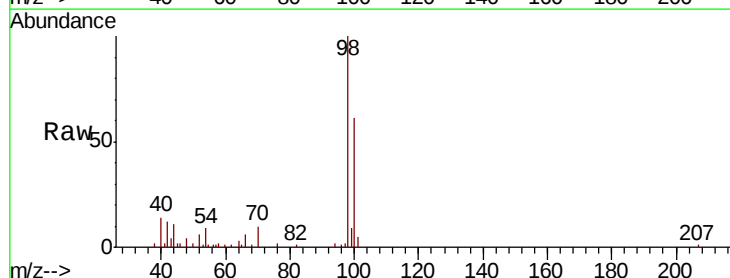


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

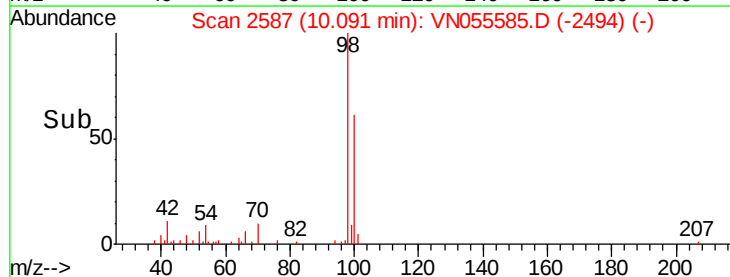
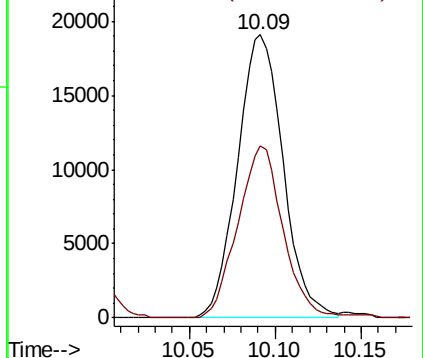


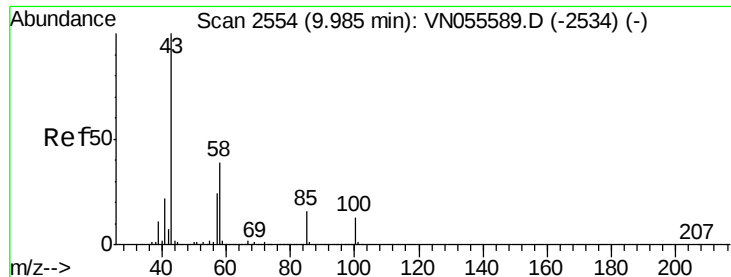
#50
Toluene-d8
Concen: 1.032 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 98 Resp: 35111
Ion Ratio Lower Upper
98 100
100 60.0 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 4.499 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

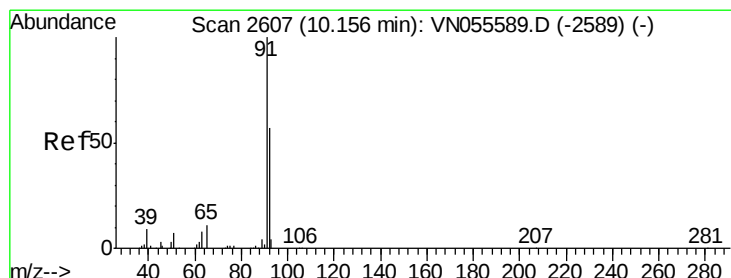
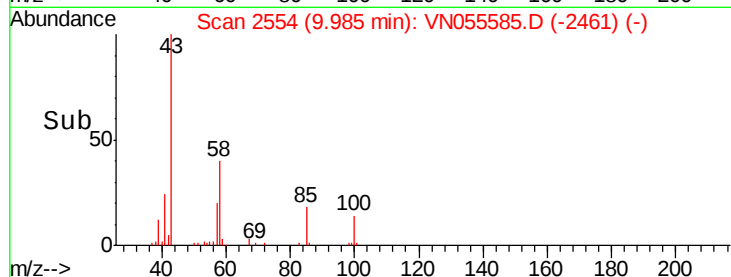
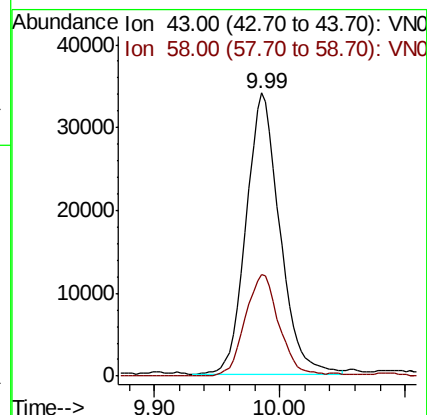
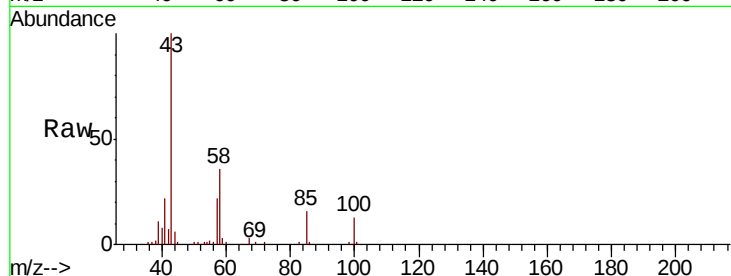
VSTDIC001

Tot Ion: 43 Resp: 63294

Ion Ratio Lower Upper

43 100

58 36.6 30.6 46.0



#52

Toluene

Concen: 1.033 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055585.D

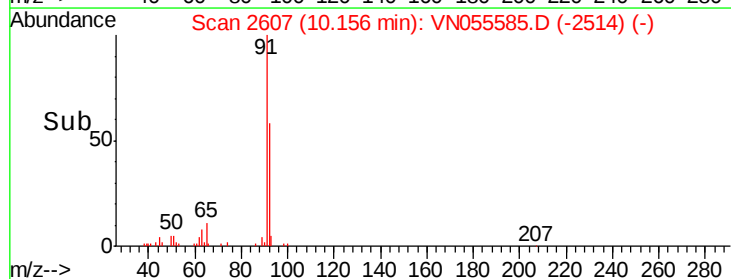
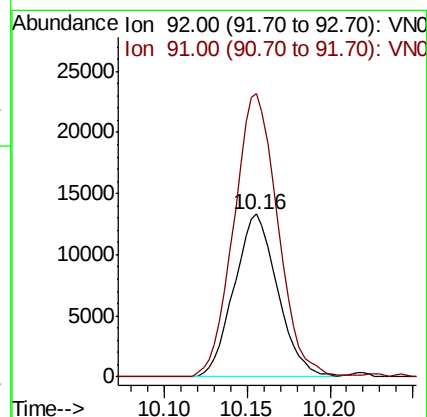
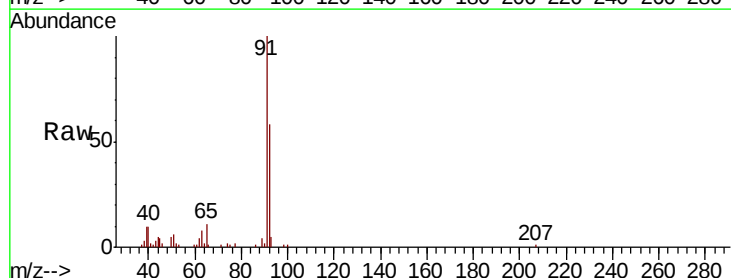
Acq: 14 May 2019 11:07

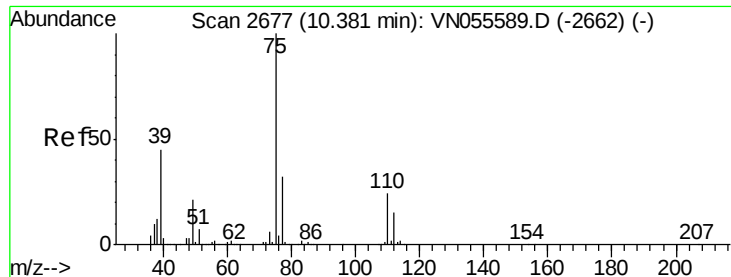
Tgt Ion: 92 Resp: 24325

Ion Ratio Lower Upper

92 100

91 175.5 141.5 212.3





#53

t-1,3-Dichloropropene

Concen: 0.966 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

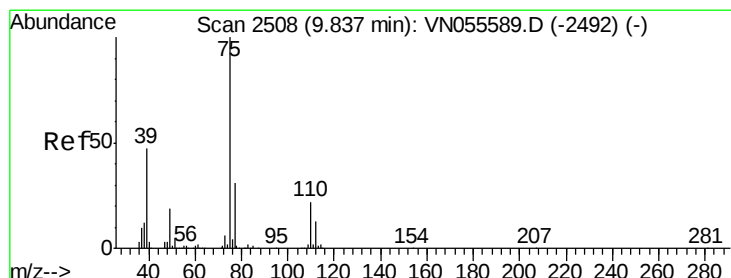
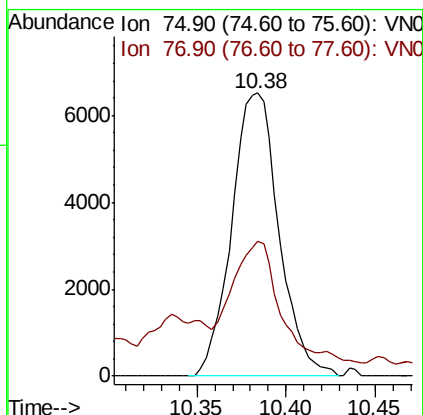
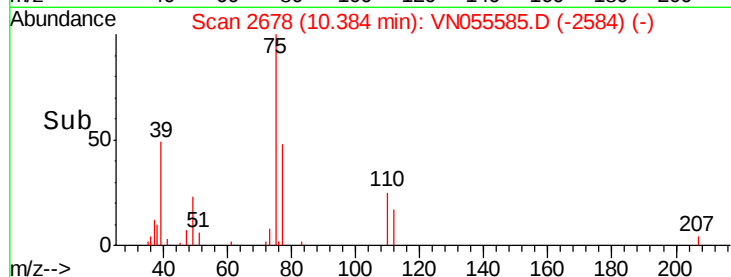
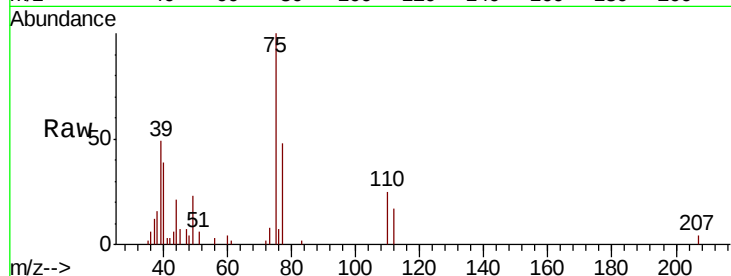
VSTDIC001

Tot Ion: 75 Resp: 12069

Ion Ratio Lower Upper

75 100

77 41.3 25.5 38.3#



#54

cis-1,3-Dichloropropene

Concen: 0.921 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

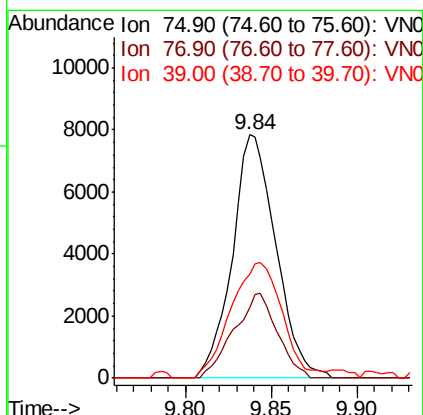
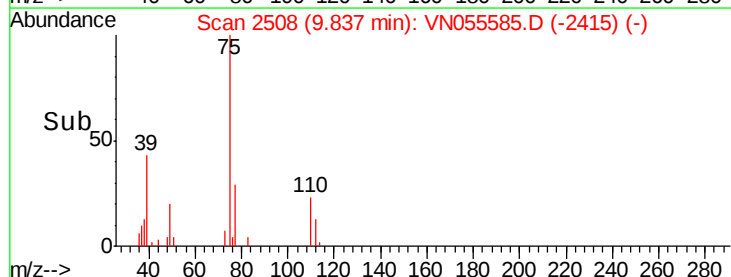
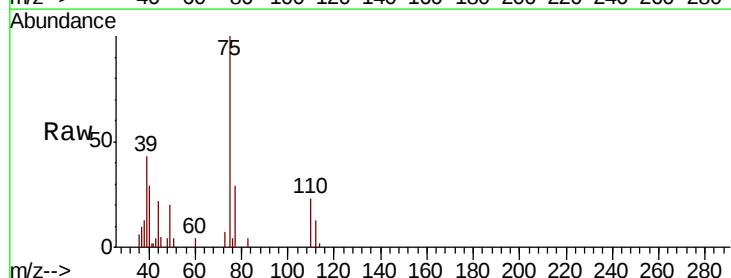
Tgt Ion: 75 Resp: 13790

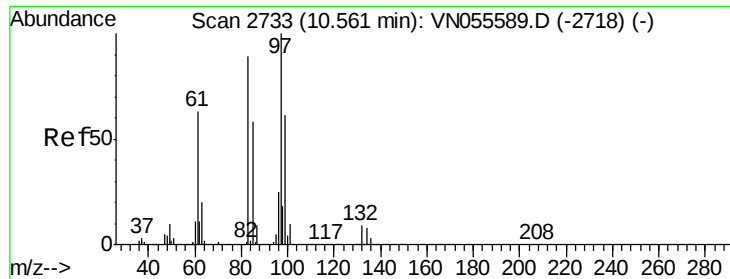
Ion Ratio Lower Upper

75 100

77 29.2 24.5 36.7

39 42.9 37.7 56.5





#55

1,1,2-Trichloroethane

Concen: 1.086 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 10334

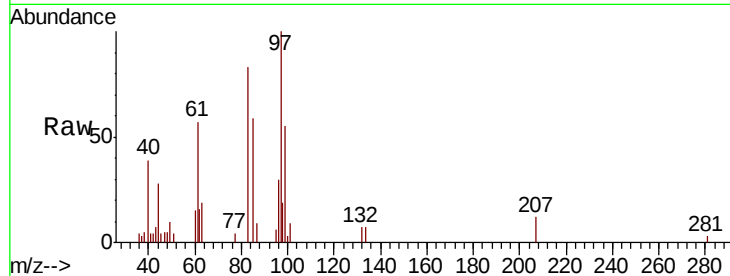
Ion Ratio Lower Upper

97 100

83 83.1 71.5 107.3

85 58.5 46.2 69.4

99 54.5 49.0 73.6

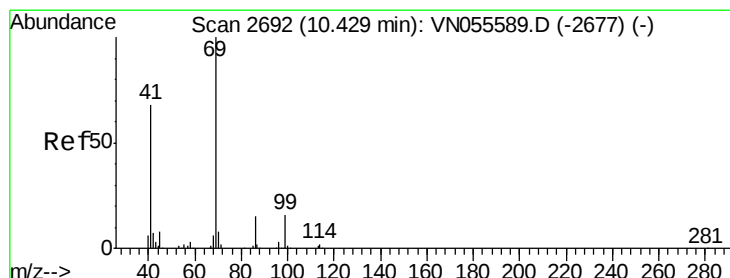
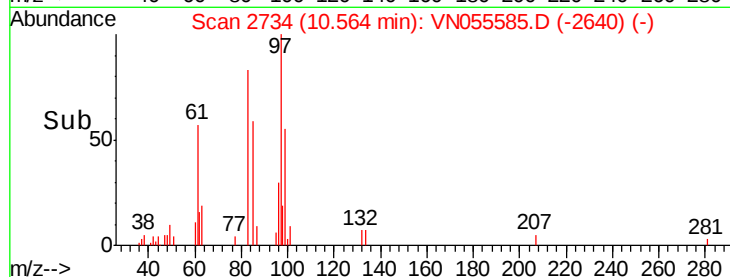
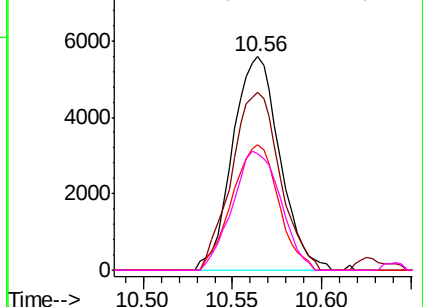


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 0.866 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

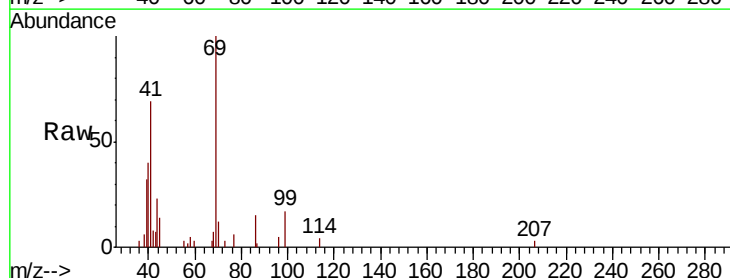
Tgt Ion: 69 Resp: 12138

Ion Ratio Lower Upper

69 100

41 66.9 54.6 82.0

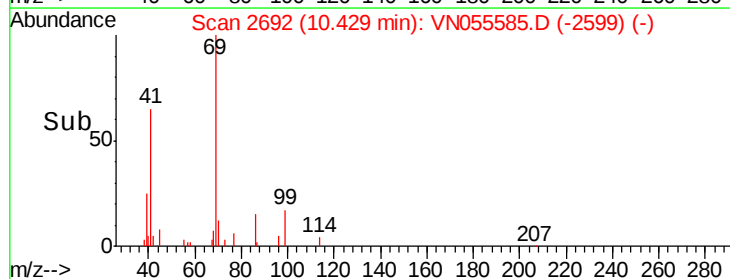
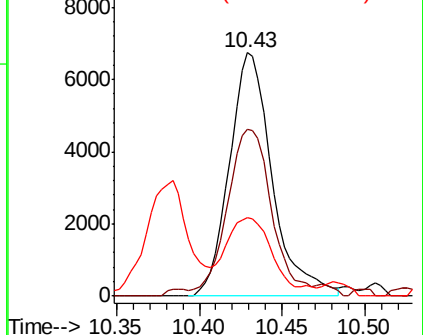
39 35.0 25.5 38.3

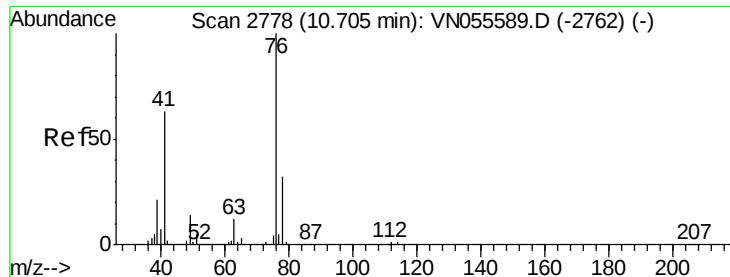


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

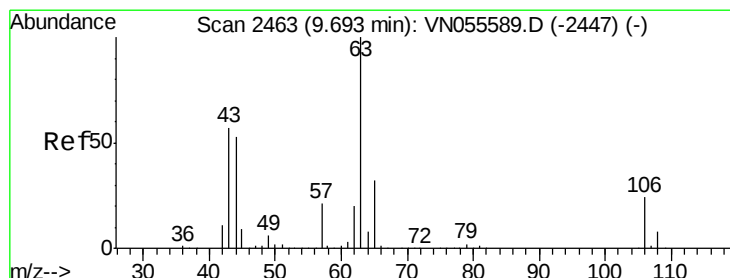
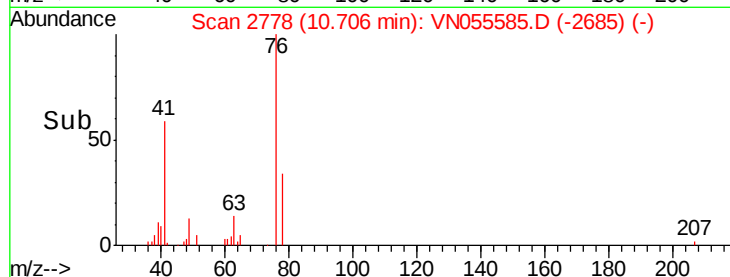
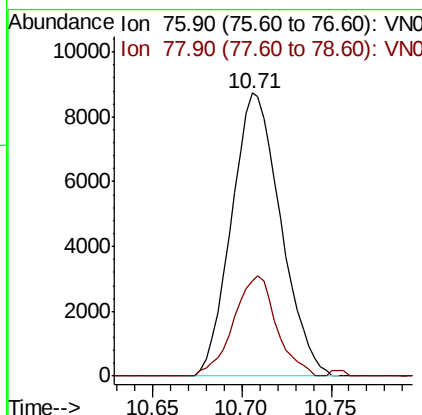
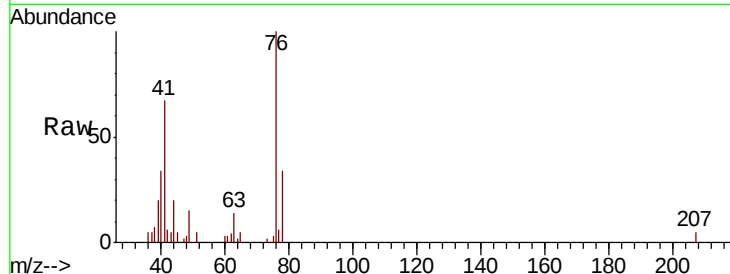




#57
 1,3-Dichloropropane
 Concen: 0.996 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

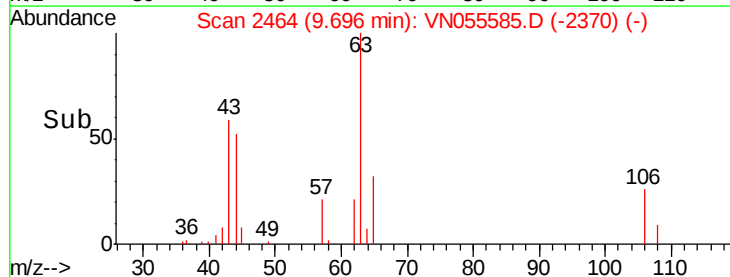
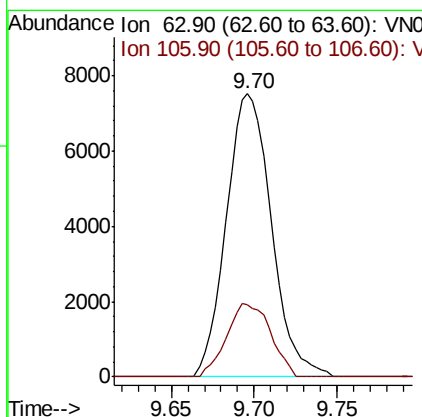
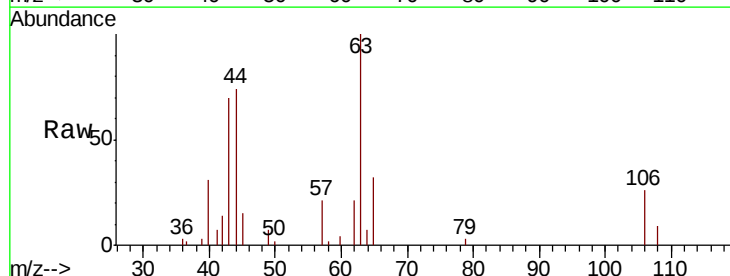
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

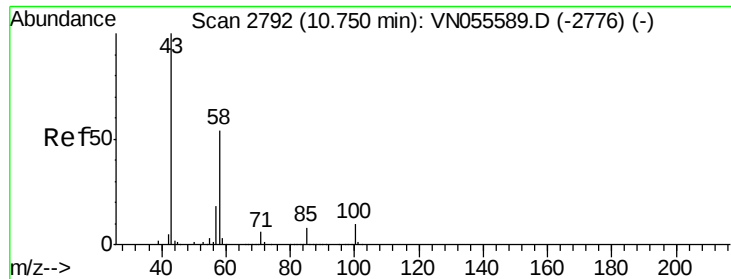
Tot Ion: 76 Resp: 16779
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.679 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 63 Resp: 14209
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.0 28.4

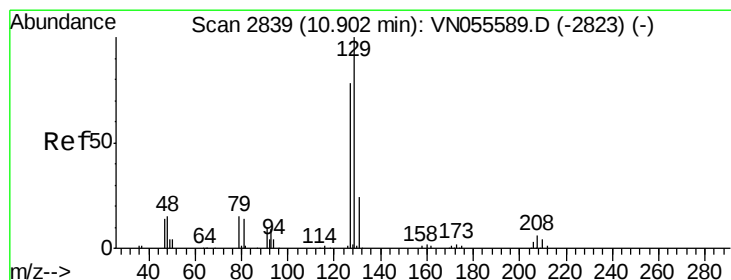
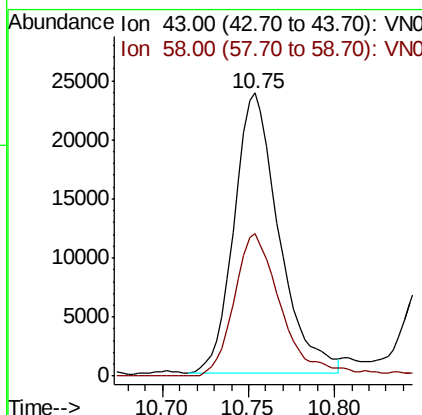
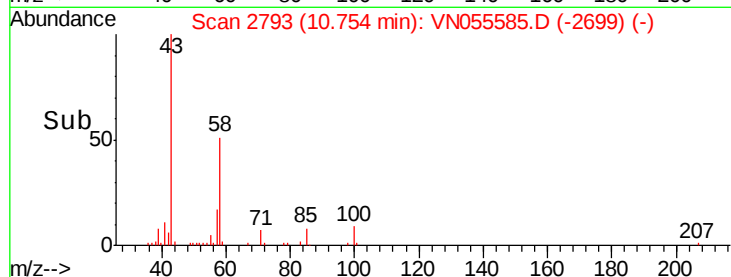
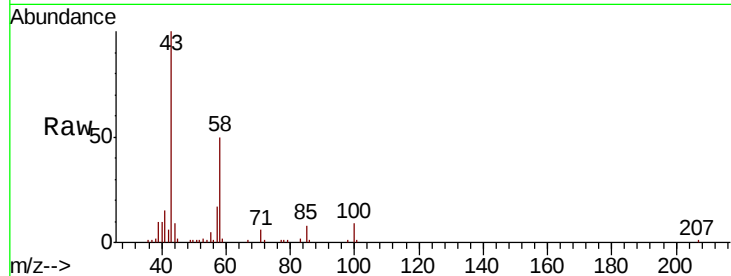




#59
2-Hexanone
Concen: 4.363 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

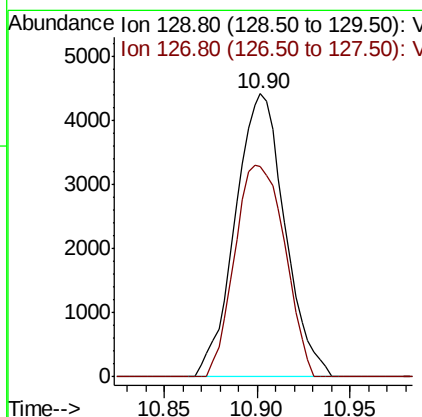
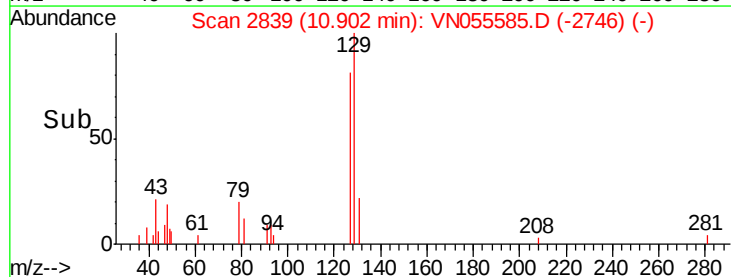
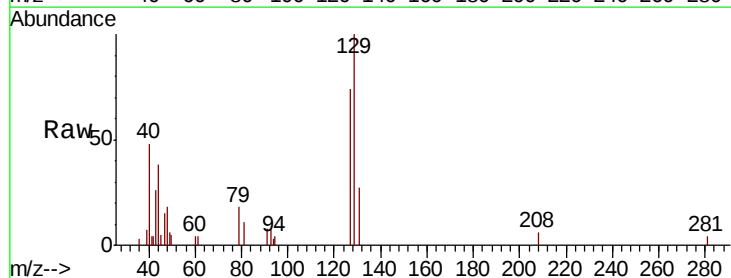
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

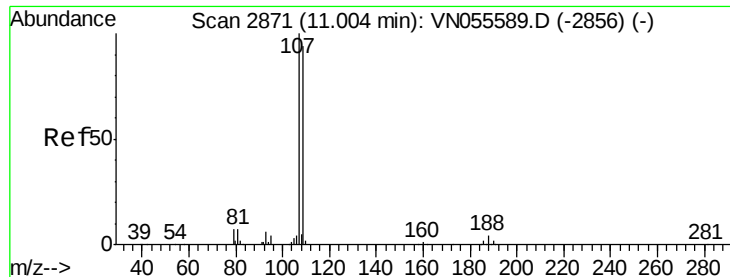
Tot Ion: 43 Resp: 42984
Ion Ratio Lower Upper
43 100
58 53.4 27.0 80.8



#60
Dibromochloromethane
Concen: 0.948 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 129 Resp: 8207
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2

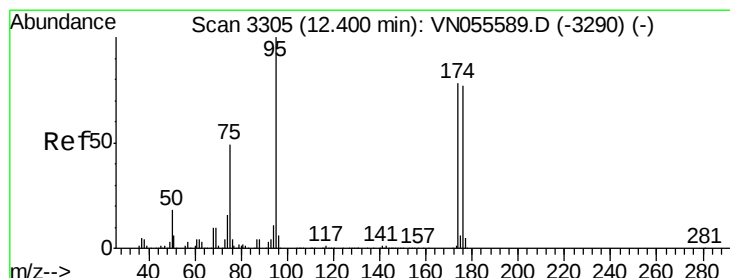
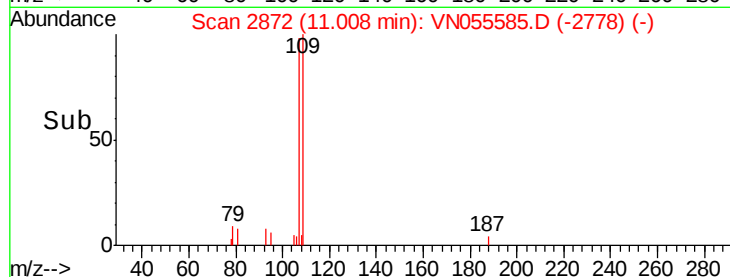
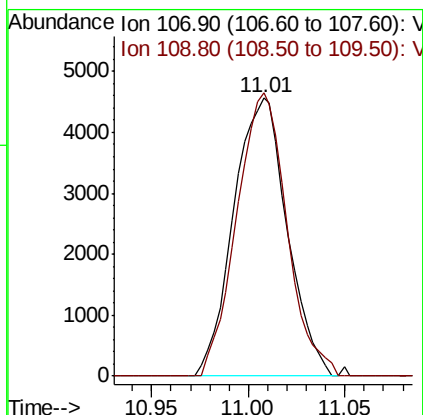
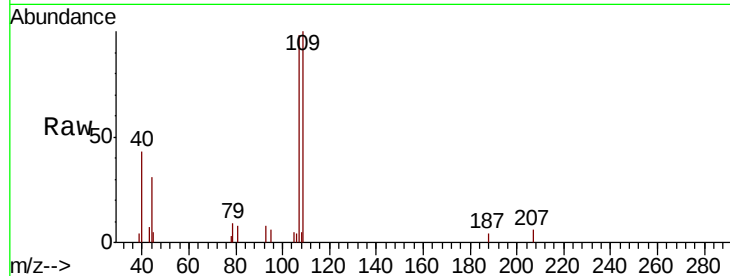




#61
1,2-Dibromoethane
Concen: 0.961 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

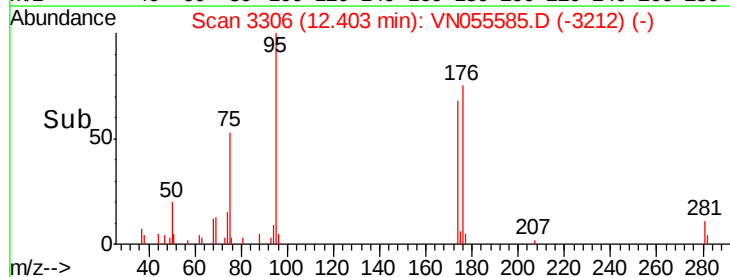
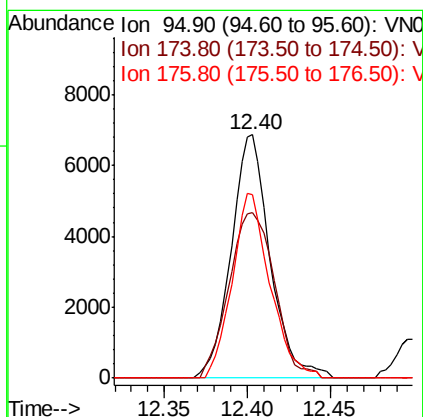
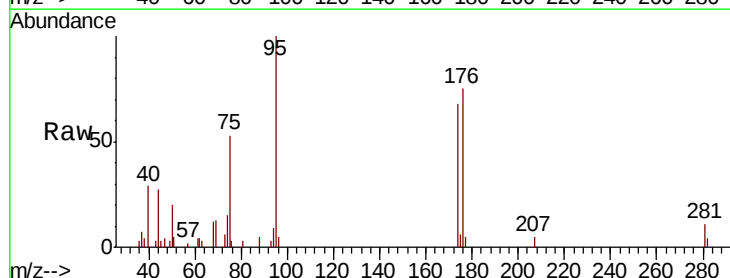
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

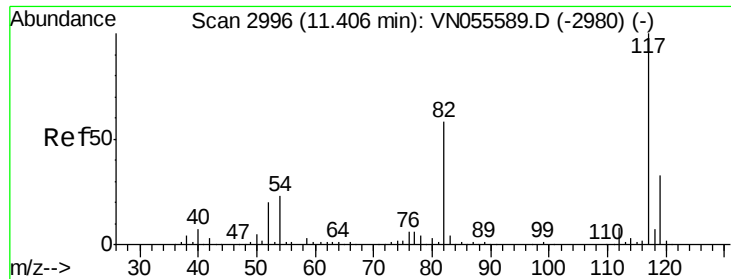
Tot Ion:107 Resp: 8769
Ion Ratio Lower Upper
107 100
109 95.7 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 0.985 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 95 Resp: 11192
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.4
176 74.1 0.0 153.4

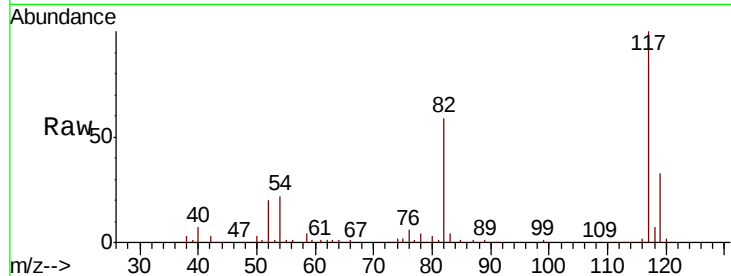




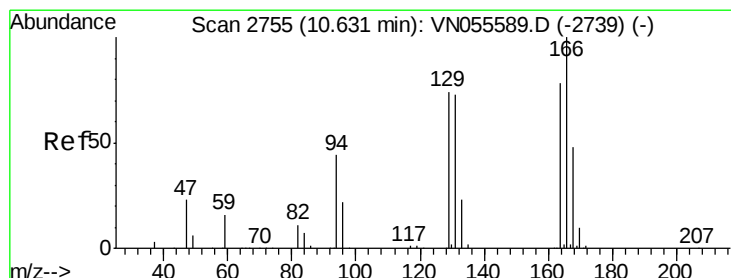
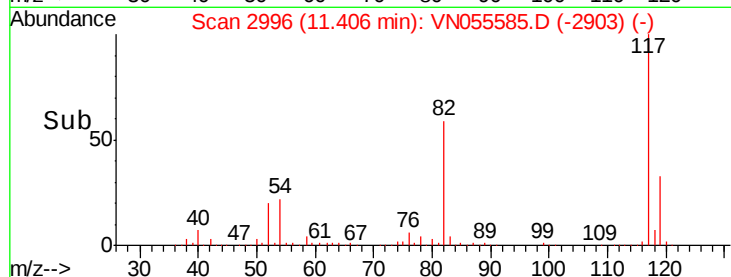
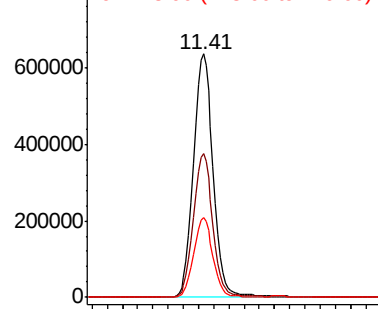
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1152822
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.7 26.0 39.0

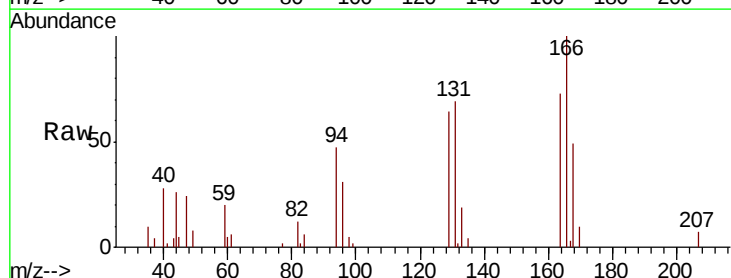


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

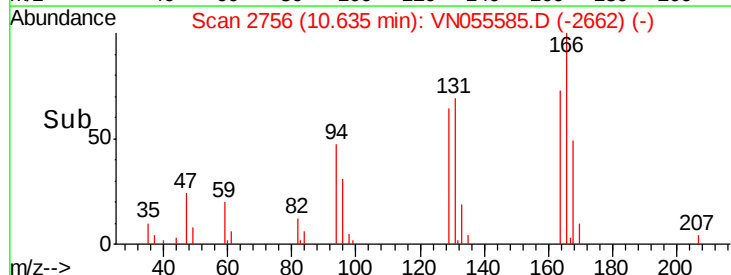
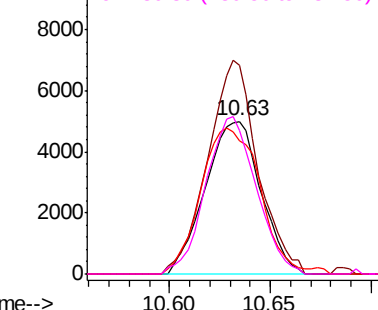


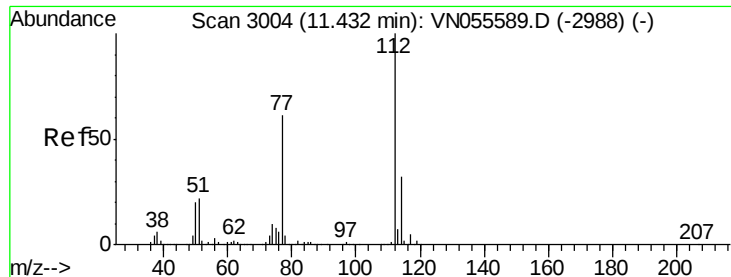
#64
Tetrachloroethene
Concen: 1.020 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion:164 Resp: 9610
Ion Ratio Lower Upper
164 100
166 136.8 102.1 153.1
129 87.2 75.8 113.8
131 93.8 74.6 111.8



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

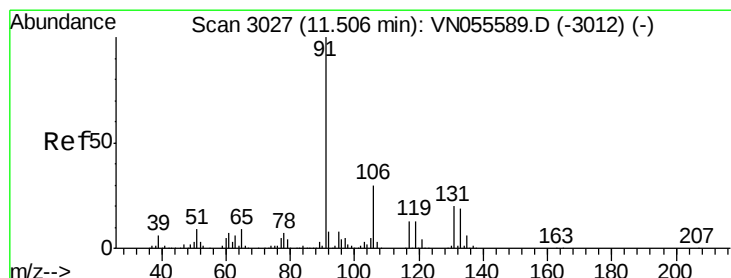
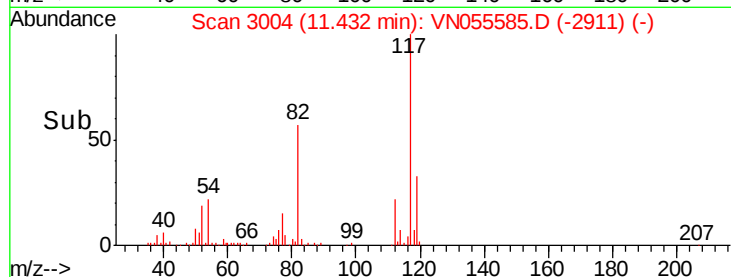
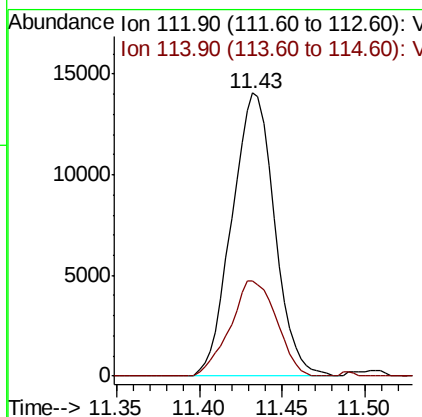
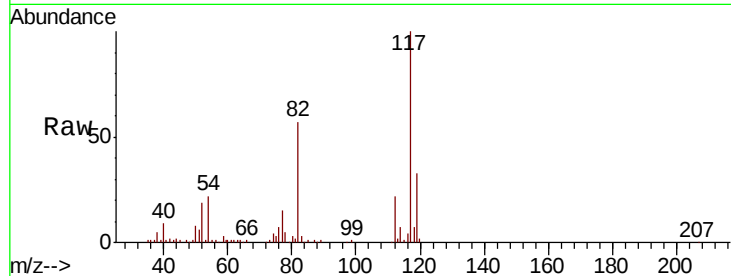




#65
Chlorobenzene
Concen: 1.065 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

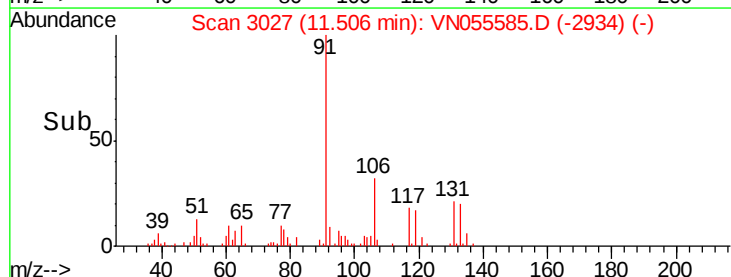
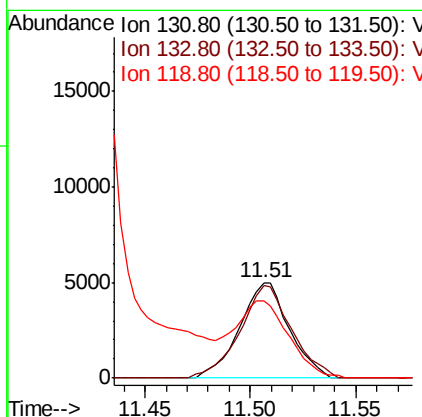
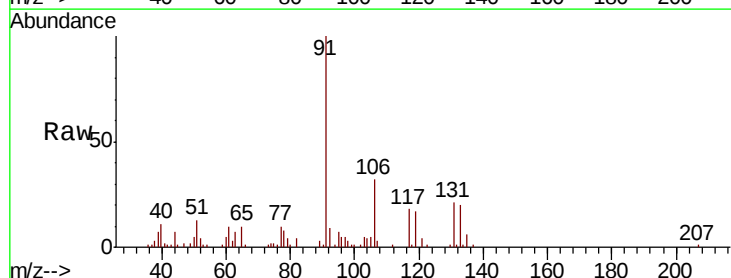
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

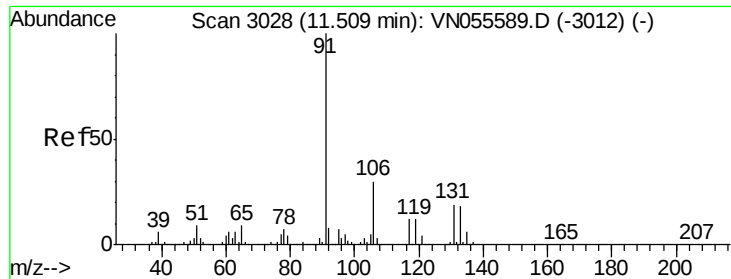
Tot Ion:112 Resp: 25206
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.997 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion:131 Resp: 8147
Ion Ratio Lower Upper
131 100
133 101.2 47.6 142.9
119 0.0 34.2 102.5#

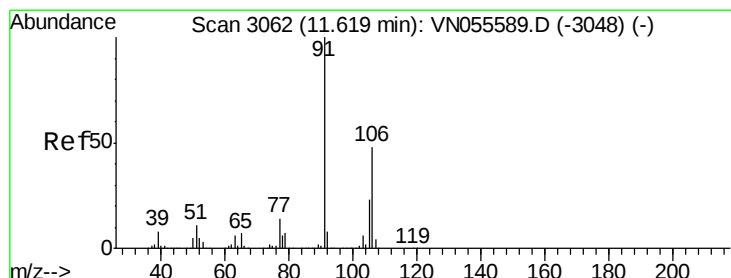
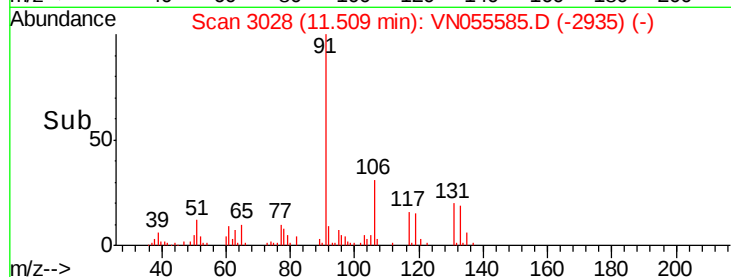
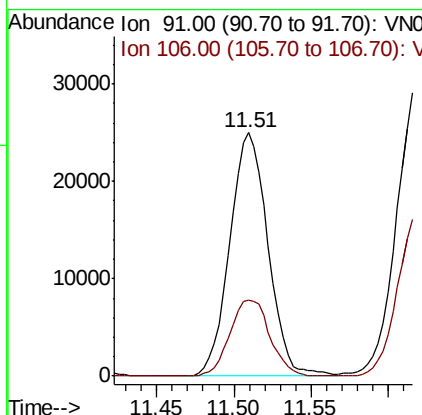
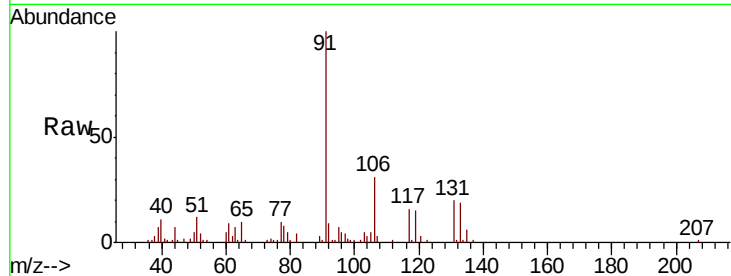




#67
Ethyl Benzene
Concen: 0.968 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

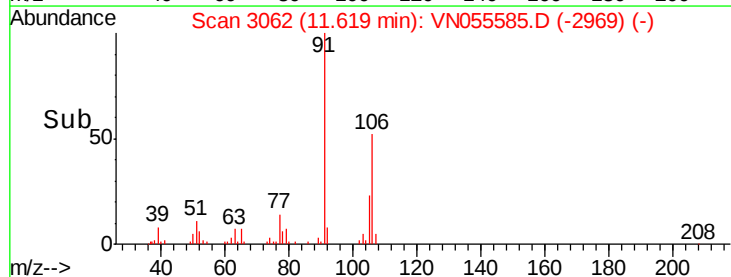
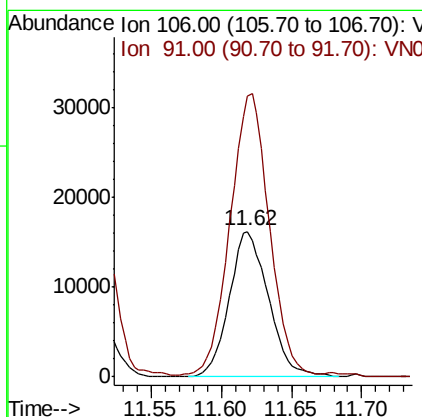
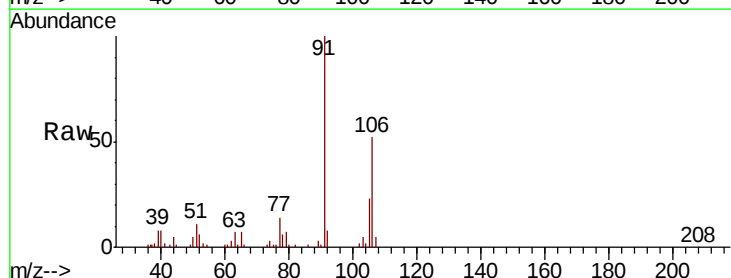
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

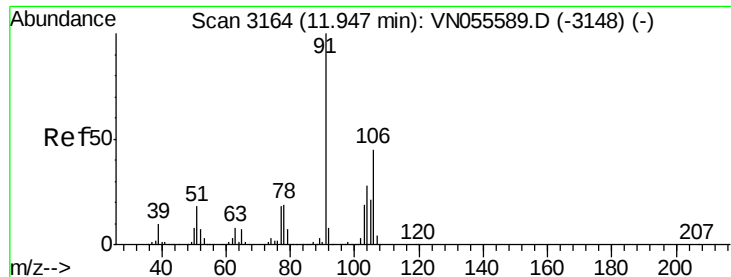
Tot Ion: 91 Resp: 42827
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 1.988 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 106 Resp: 31636
Ion Ratio Lower Upper
106 100
91 191.6 167.5 251.3

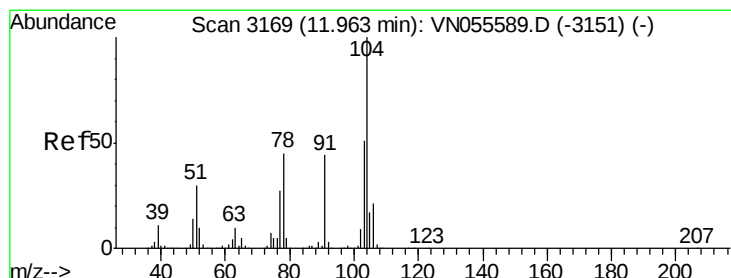
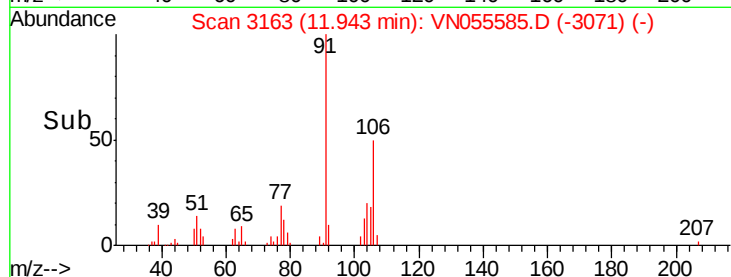
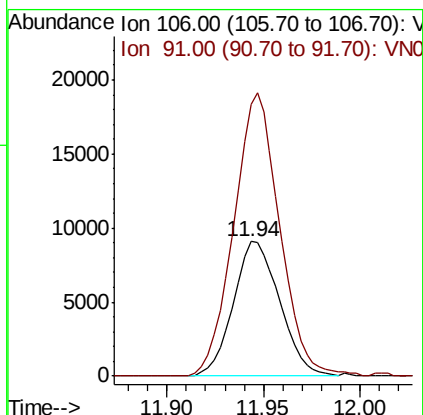
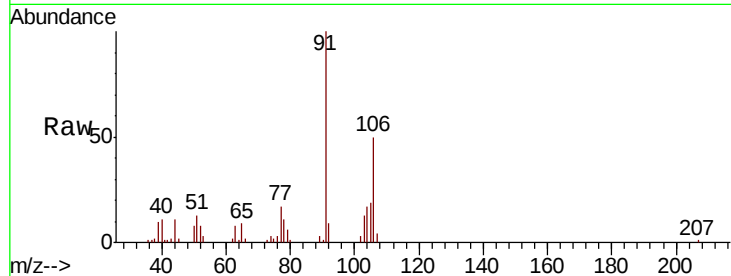




#69
o-Xylene
Concen: 0.968 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

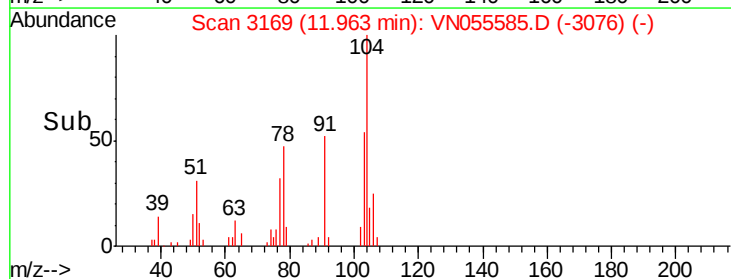
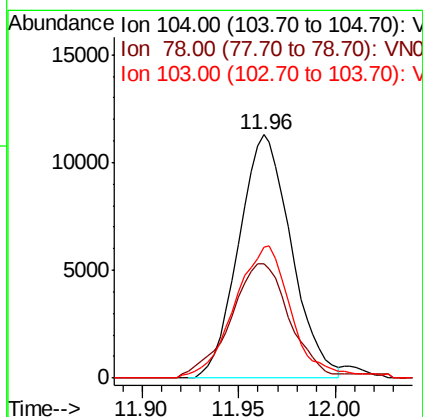
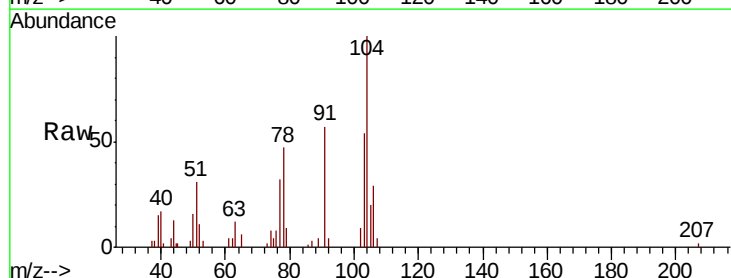
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

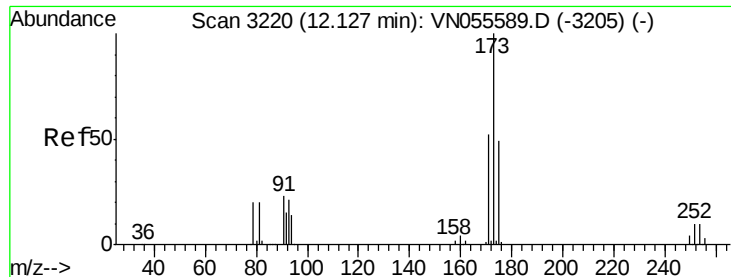
Tot Ion:106 Resp: 15119
Ion Ratio Lower Upper
106 100
91 208.2 110.2 330.6



#70
Styrene
Concen: 0.853 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion:104 Resp: 21305
Ion Ratio Lower Upper
104 100
78 53.3 40.8 61.2
103 59.0 44.6 67.0





#71

Bromoform

Concen: 0.883 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

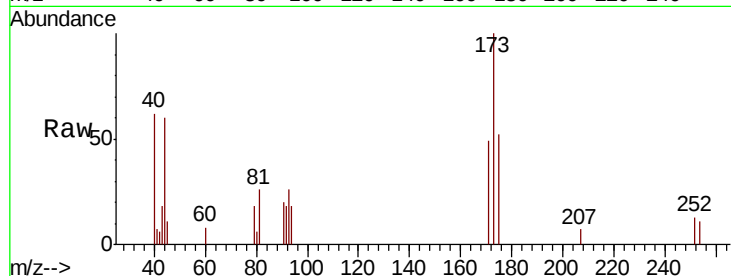
Tot Ion:173 Resp: 4834

Ion Ratio Lower Upper

173 100

175 49.8 24.4 73.4

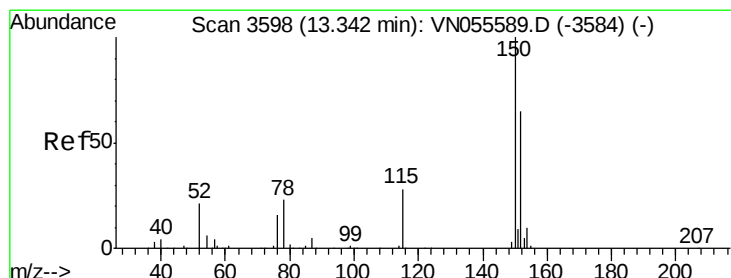
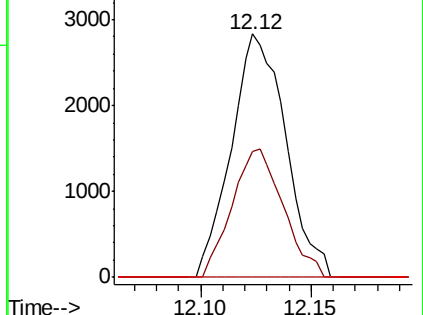
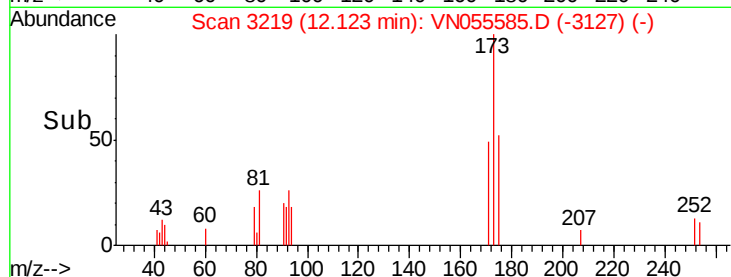
254 0.0 0.1 0.1#



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: VN055585.D

Acq: 14 May 2019 11:07

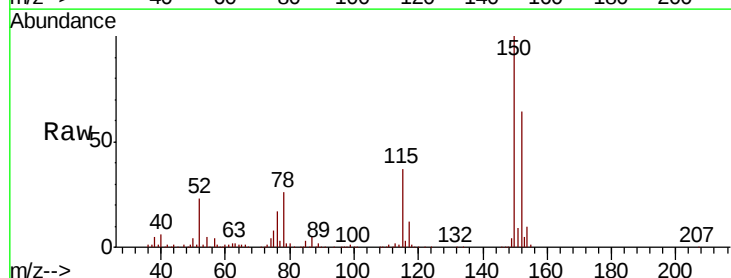
Tgt Ion:152 Resp: 329810

Ion Ratio Lower Upper

152 100

115 58.1 29.8 89.4

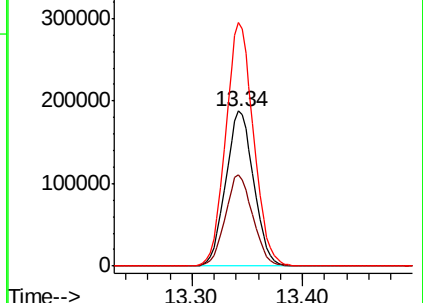
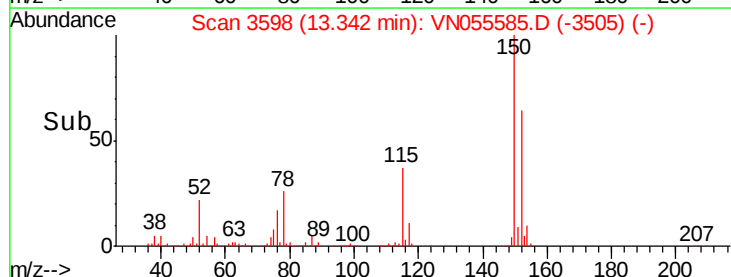
150 155.1 0.0 346.6

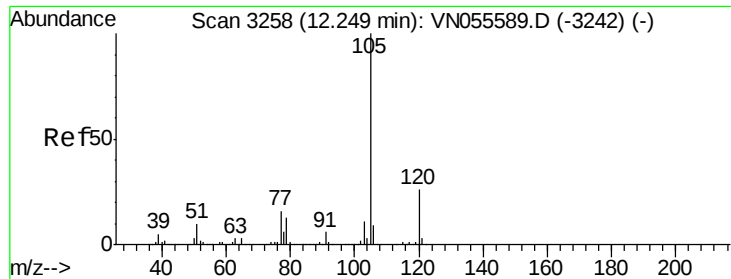


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.205 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

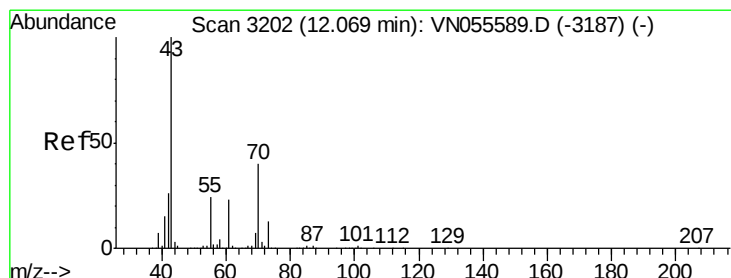
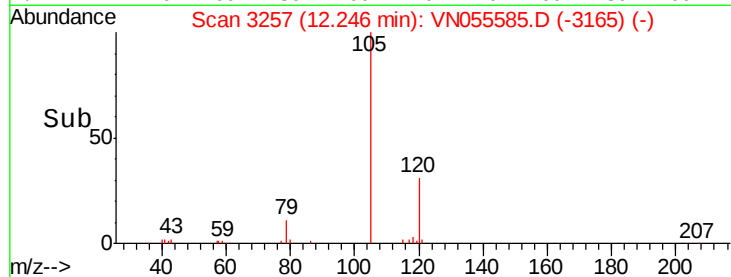
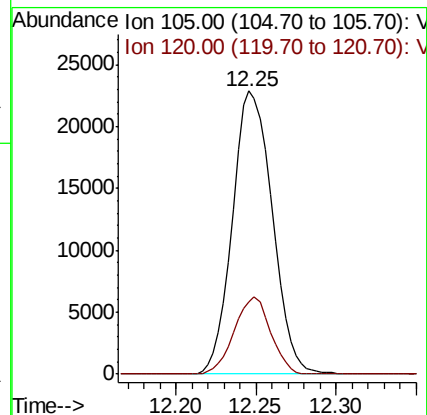
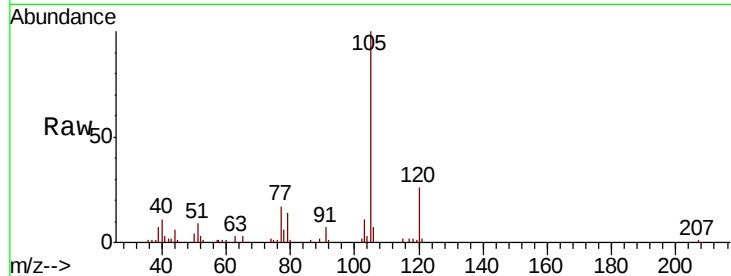
VSTDIC001

Tot Ion:105 Resp: 38823

Ion Ratio Lower Upper

105 100

120 24.7 13.0 39.0



#74

N-ethyl acetate

Concen: 1.130 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion: 43 Resp: 13806

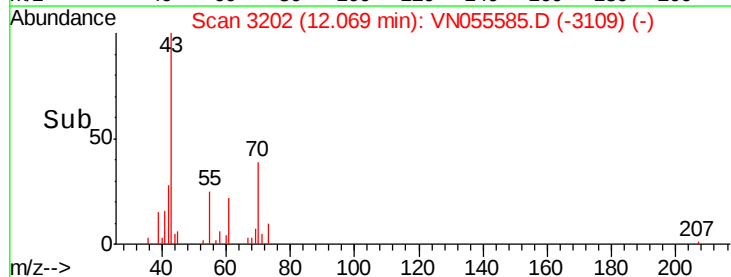
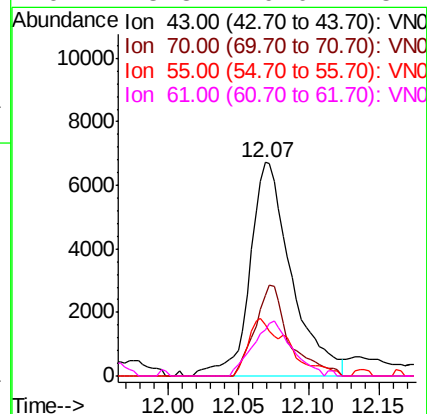
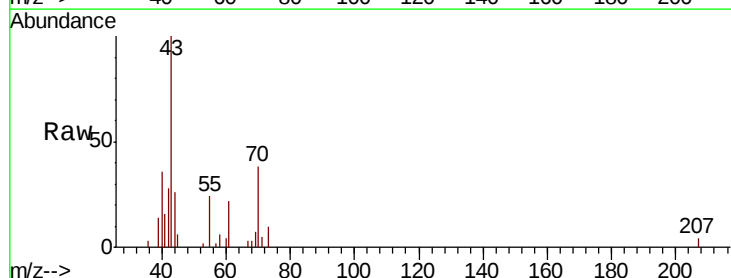
Ion Ratio Lower Upper

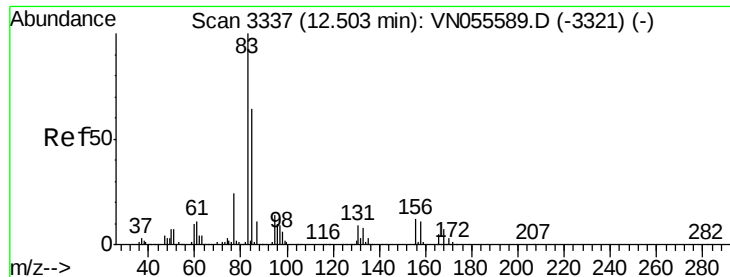
43 100

70 35.2 31.8 47.6

55 26.1 19.7 29.5

61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 1.331 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

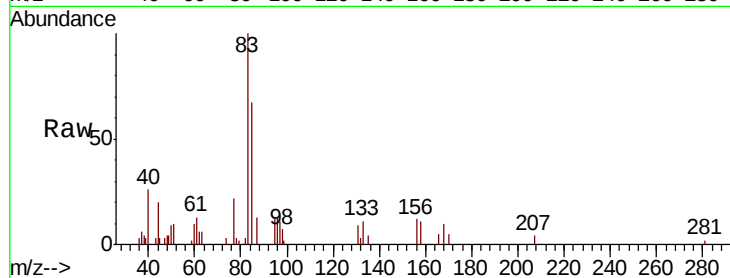
Tot Ion: 83 Resp: 13908

Ion Ratio Lower Upper

83 100

131 8.5 4.6 13.8

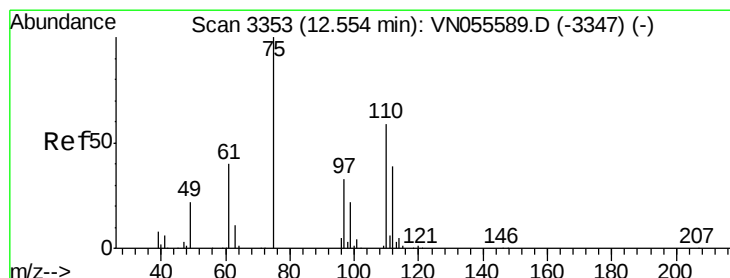
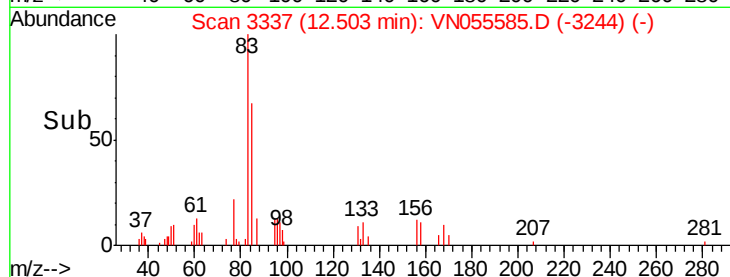
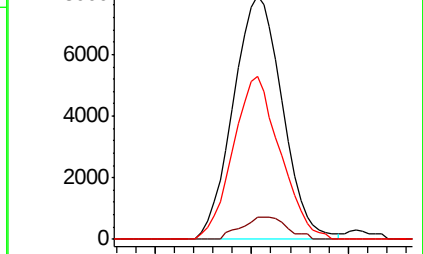
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN055589.D (-3321) (-)

Ion 130.80 (130.50 to 131.50): VN055589.D (-3321) (-)

Ion 84.90 (84.60 to 85.60): VN055589.D (-3321) (-)



#76

1,2,3-Trichloropropane

Concen: 1.655 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055585.D

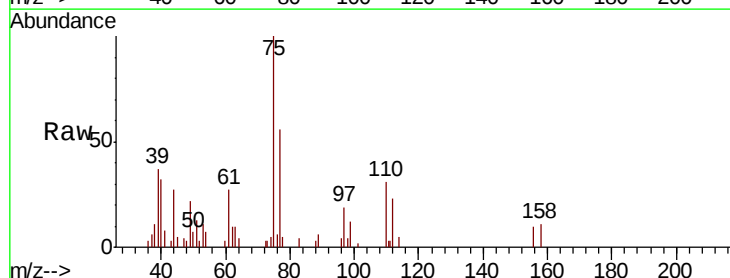
Acq: 14 May 2019 11:07

Tgt Ion: 75 Resp: 14607

Ion Ratio Lower Upper

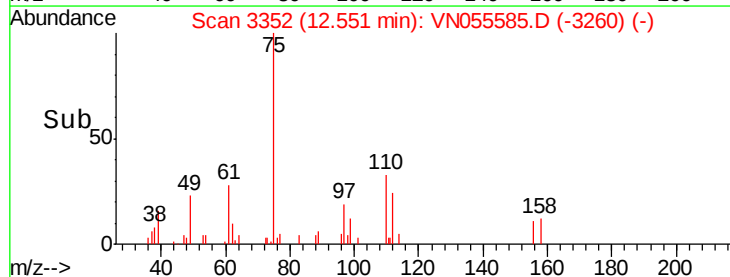
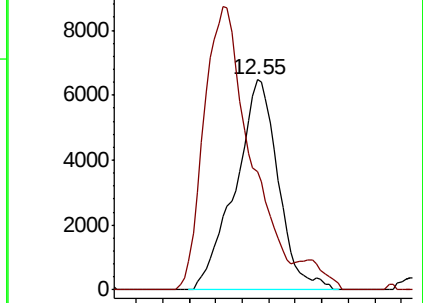
75 100

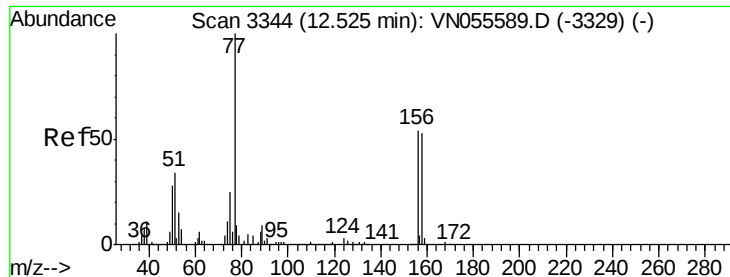
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055589.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055589.D (-3347) (-)





#77

Bromobenzene

Concen: 1.298 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

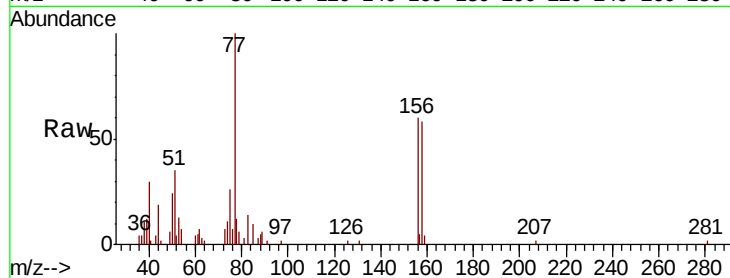
Tot Ion:156 Resp: 9428

Ion Ratio Lower Upper

156 100

77 223.4 108.9 326.7

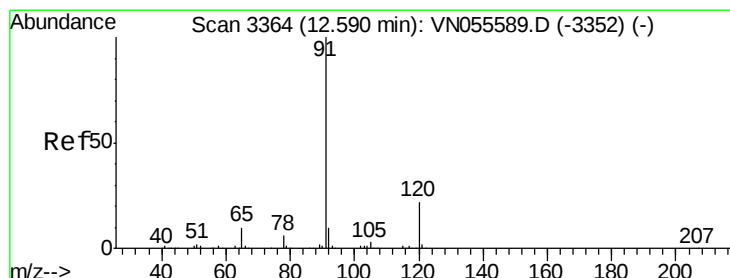
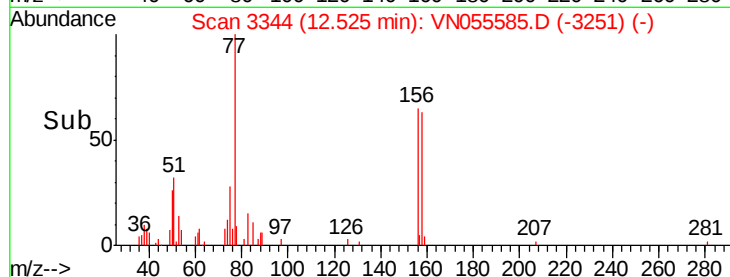
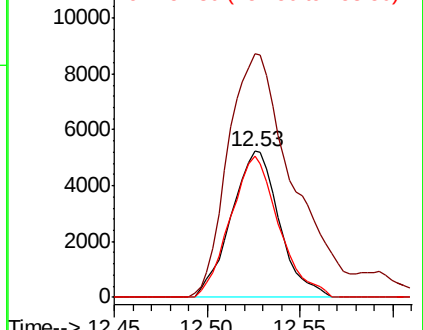
158 97.5 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.090 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055585.D

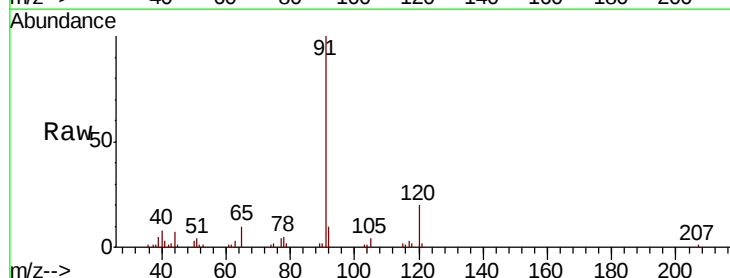
Acq: 14 May 2019 11:07

Tgt Ion: 91 Resp: 38329

Ion Ratio Lower Upper

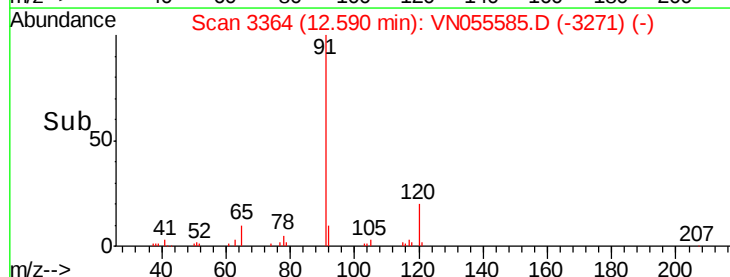
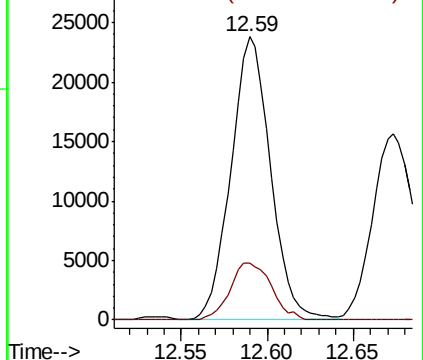
91 100

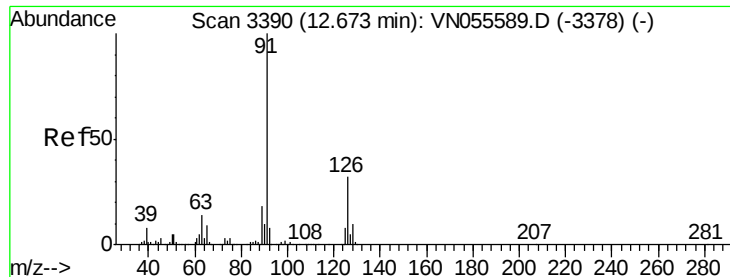
120 21.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

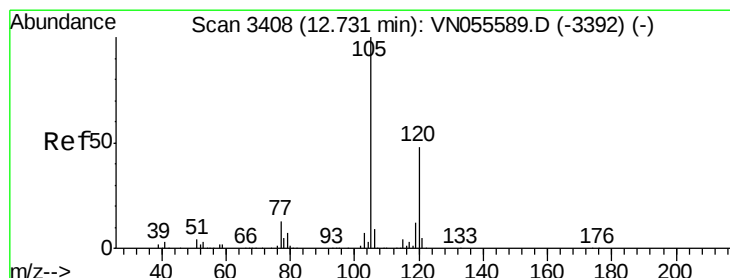
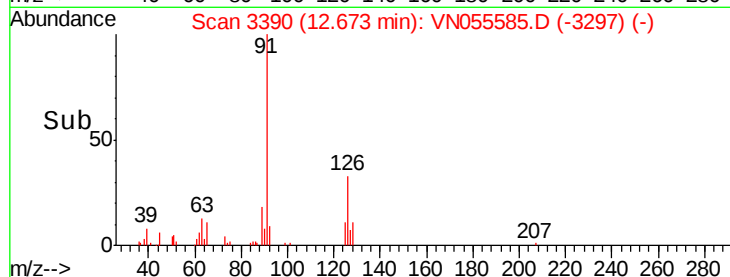
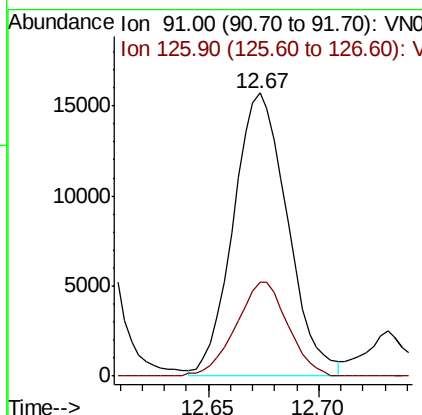
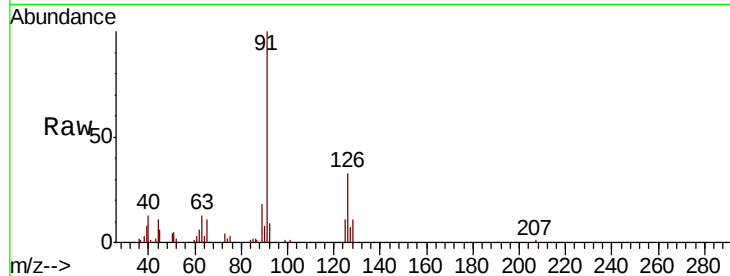




#79
 2-Chlorotoluene
 Concen: 1.224 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

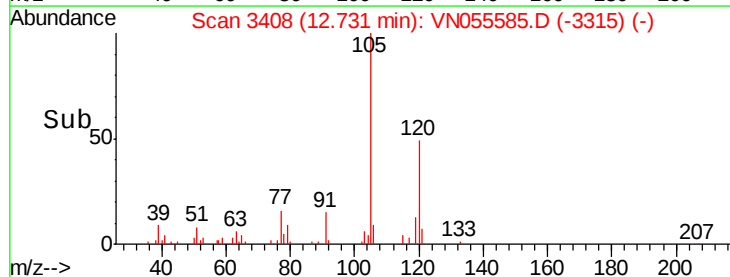
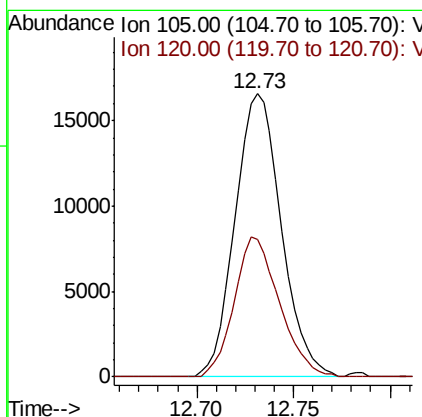
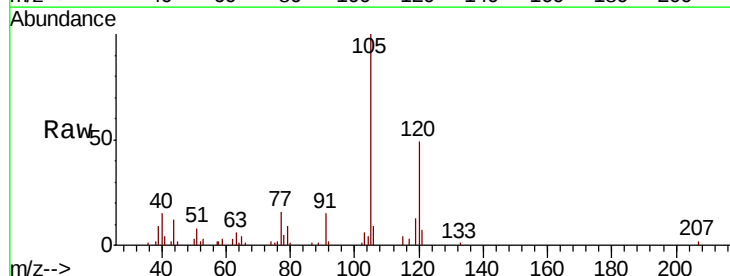
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

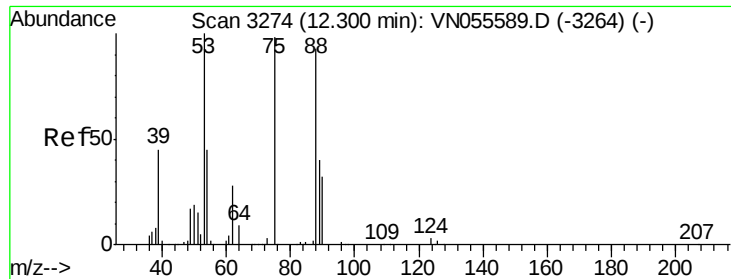
Tot Ion: 91 Resp: 26799
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 1.051 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 105 Resp: 27538
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 1.092 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

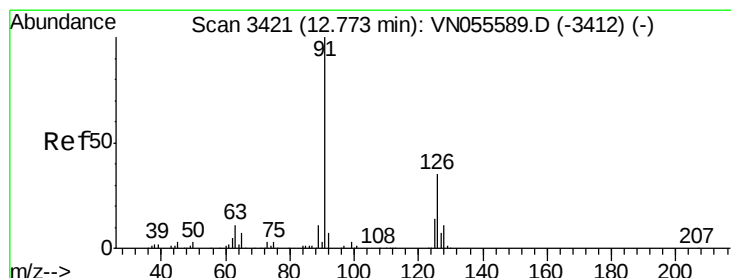
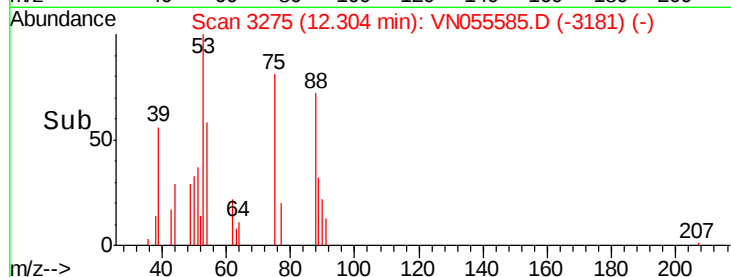
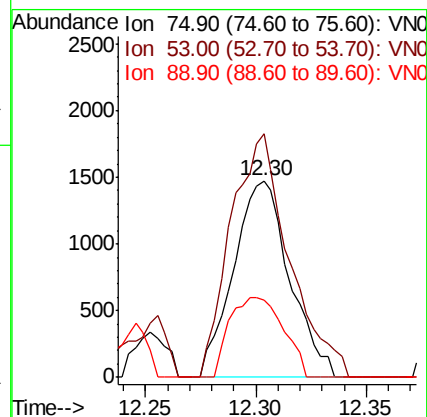
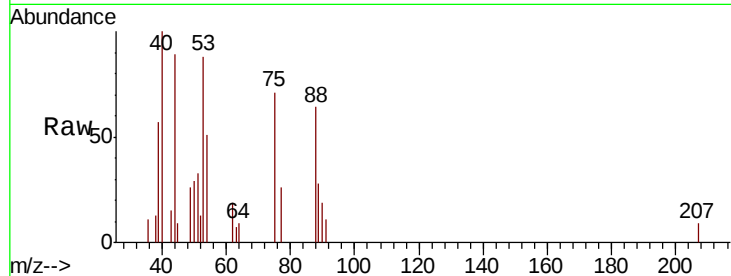
Tot Ion: 75 Resp: 2602

Ion Ratio Lower Upper

75 100

53 129.1 83.9 125.9#

89 38.9 34.7 52.1



#82

4-Chlorotoluene

Concen: 1.067 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055585.D

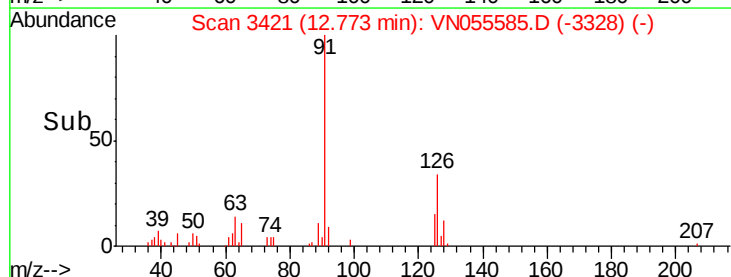
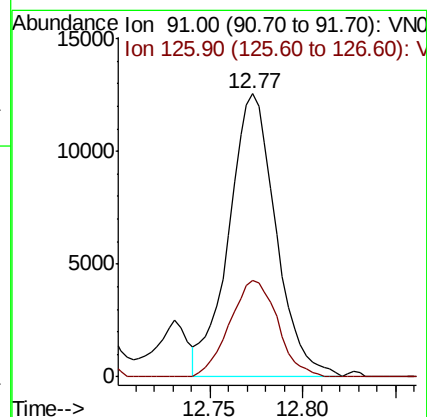
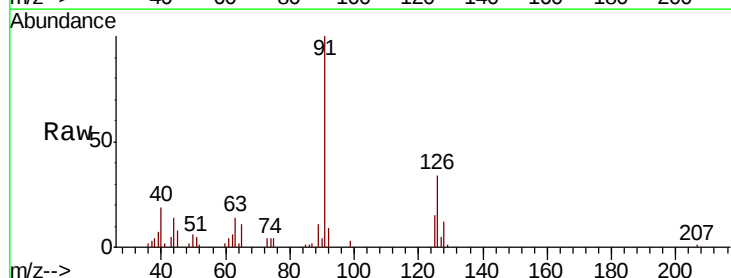
Acq: 14 May 2019 11:07

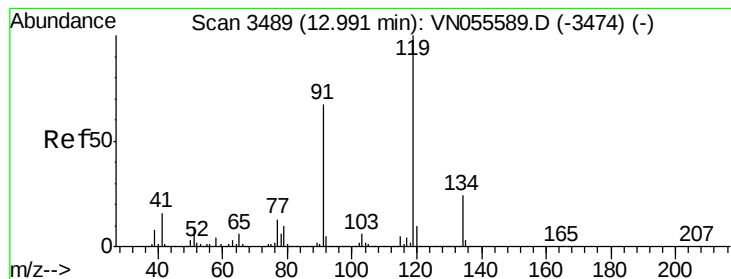
Tgt Ion: 91 Resp: 22086

Ion Ratio Lower Upper

91 100

126 34.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 1.148 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

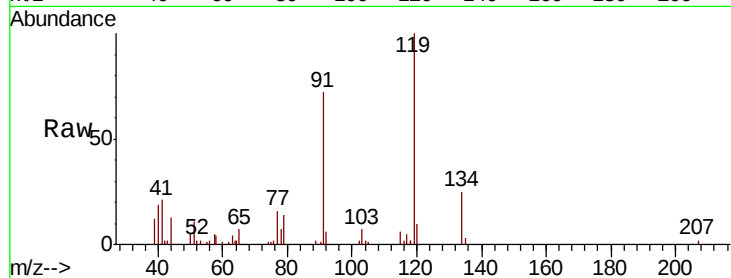
Tot Ion:119 Resp: 25752

Ion Ratio Lower Upper

119 100

91 71.3 33.5 100.4

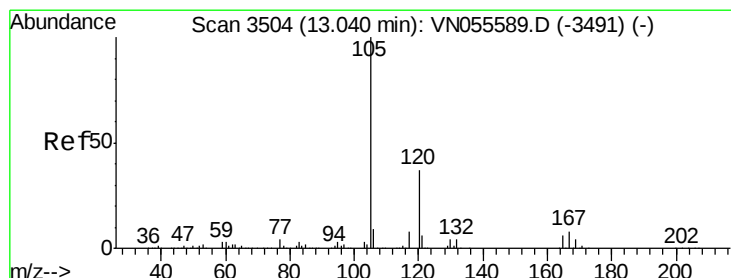
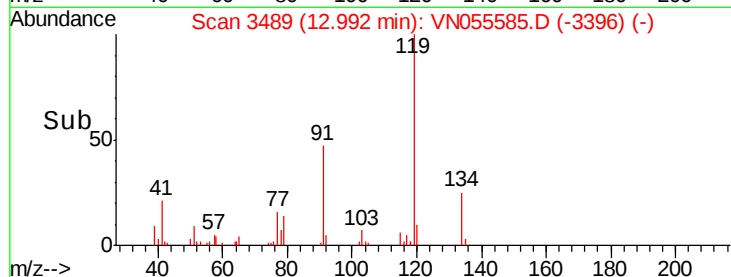
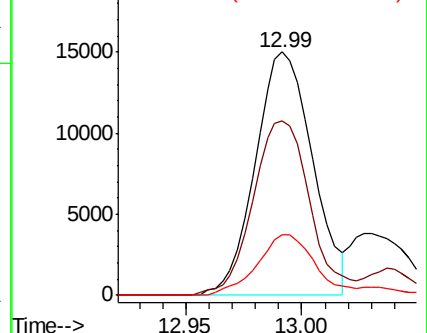
134 25.0 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.044 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055585.D

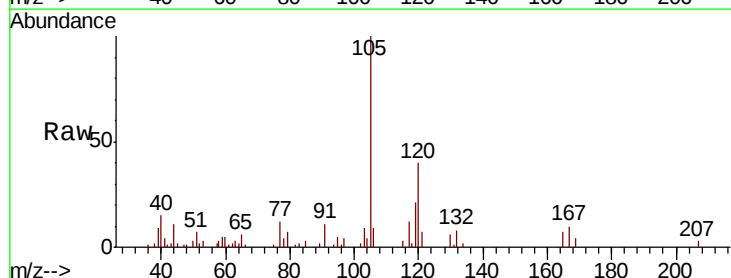
Acq: 14 May 2019 11:07

Tgt Ion:105 Resp: 25062

Ion Ratio Lower Upper

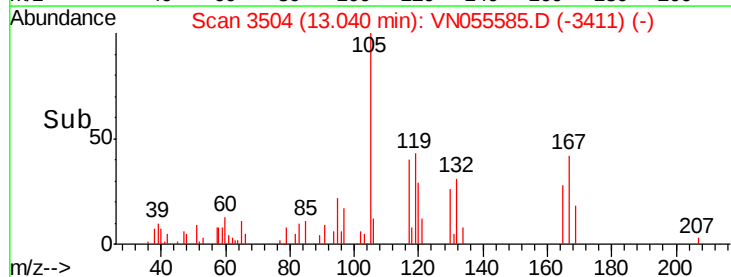
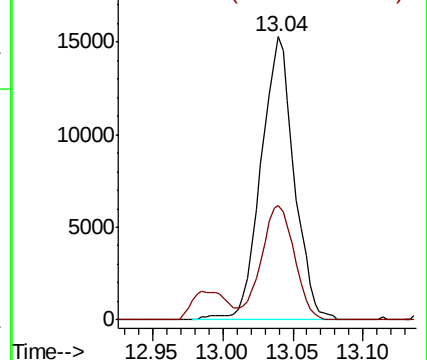
105 100

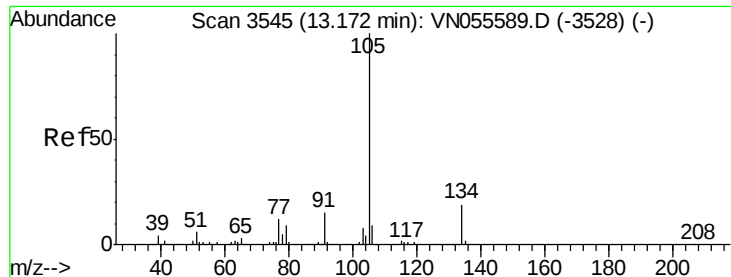
120 40.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

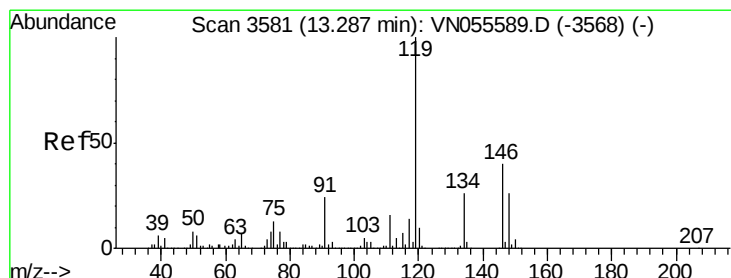
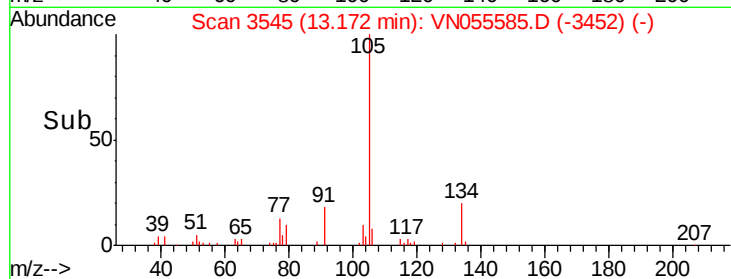
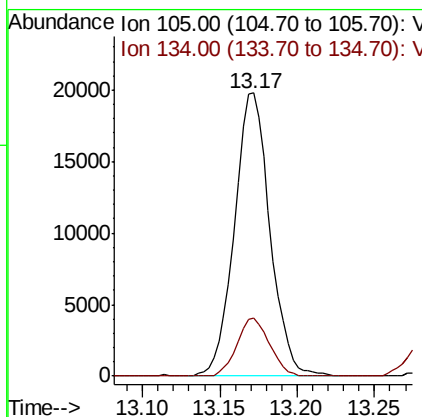
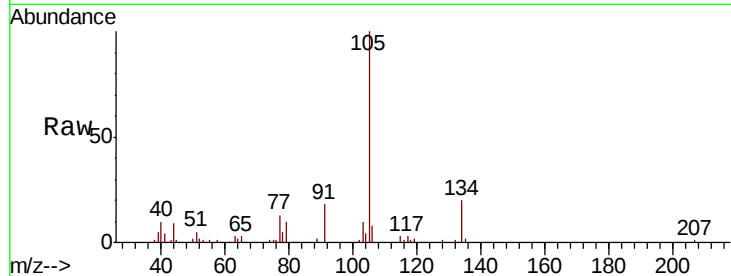




#85
 sec-Butylbenzene
 Concen: 1.061 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

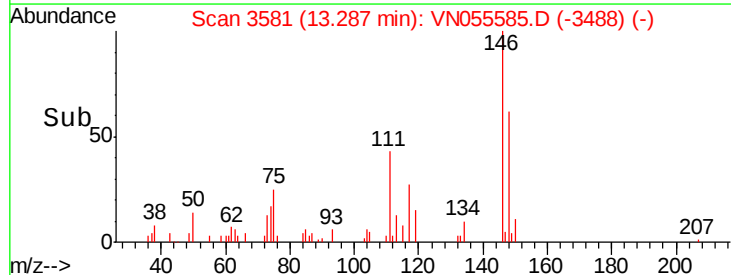
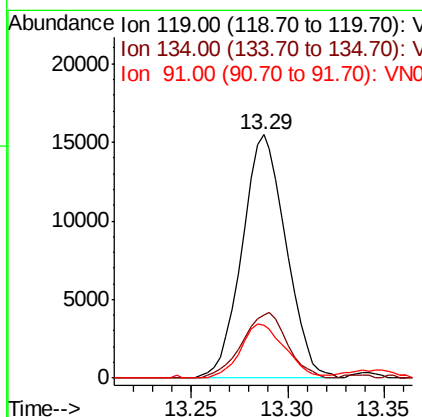
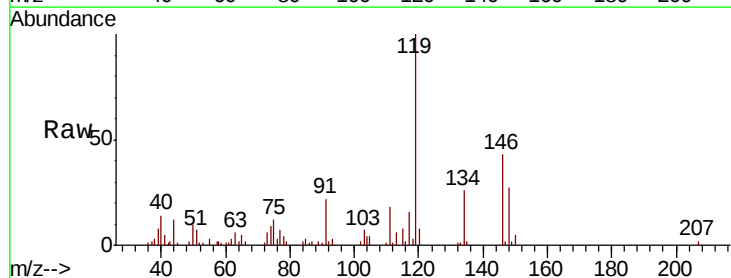
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

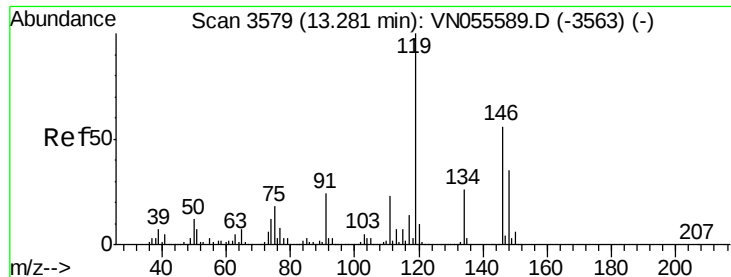
Tot Ion:105 Resp: 31566
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 1.008 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion:119 Resp: 24423
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.0 39.0
 91 22.4 11.9 35.5

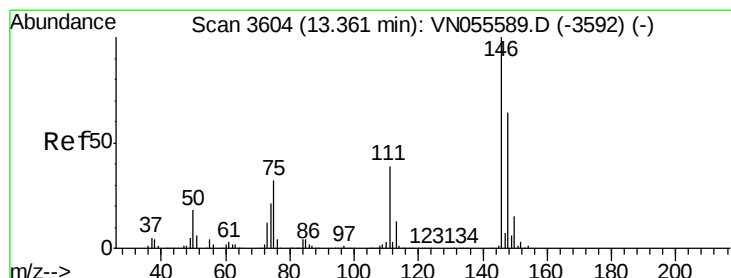
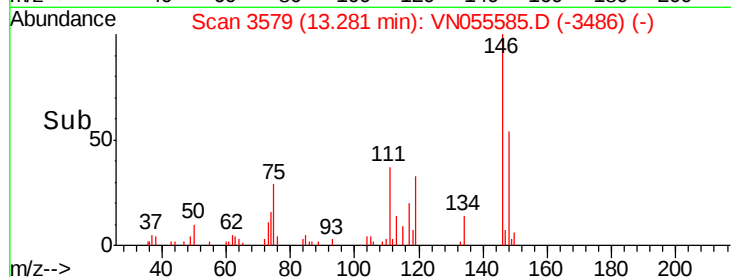
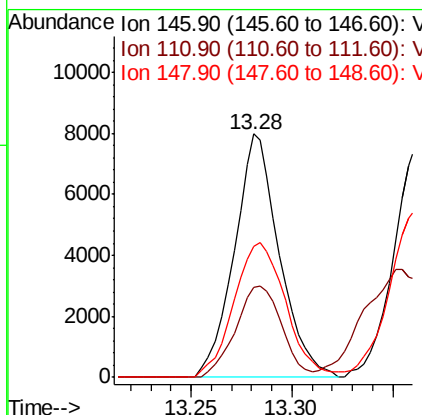
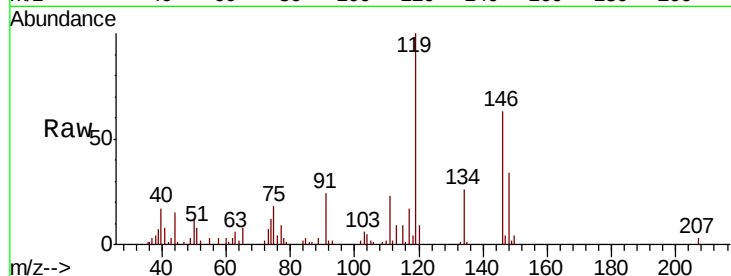




#87
 1,3-Dichlorobenzene
 Concen: 1.110 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

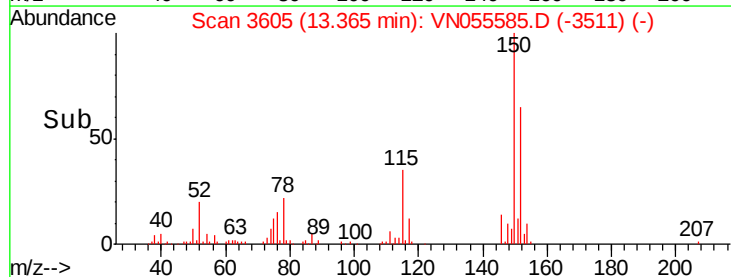
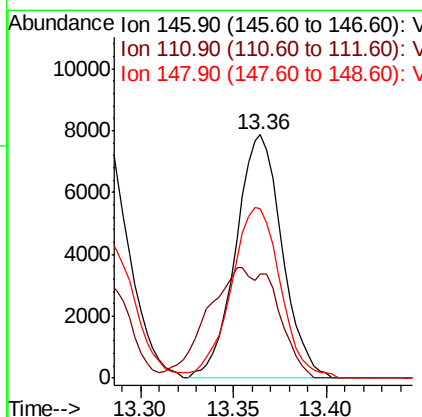
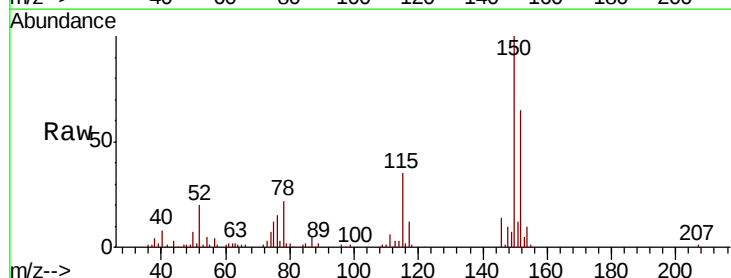
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

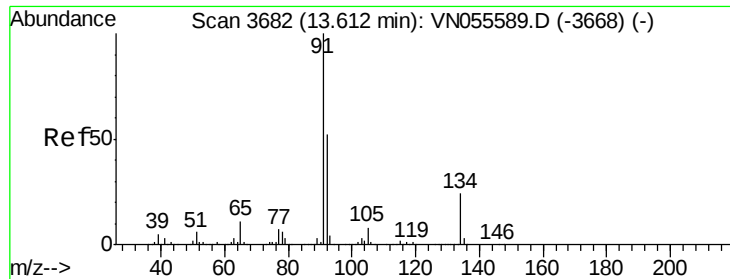
Tot Ion:146 Resp: 12421
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.5 61.5
 148 63.7 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 1.234 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion:146 Resp: 13635
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.7 59.0
 148 74.6 31.8 95.4

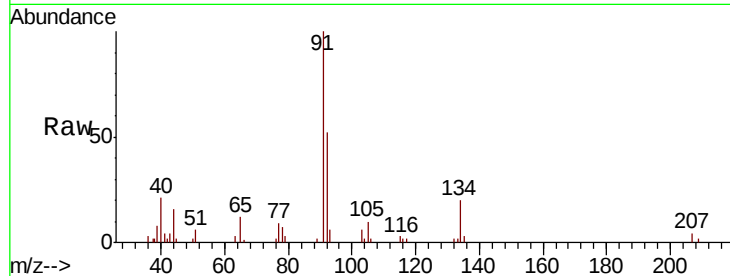




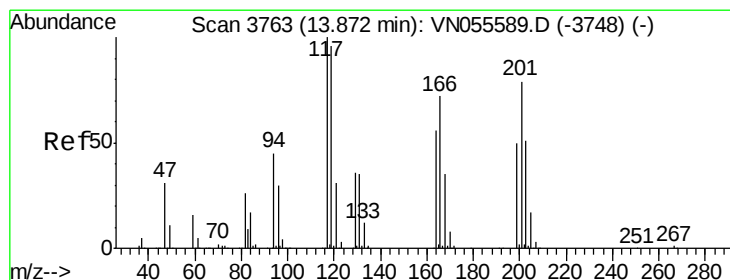
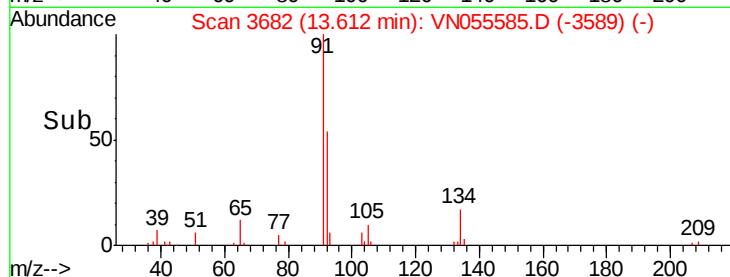
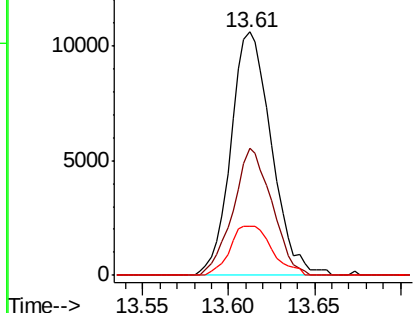
#89
n-Butylbenzene
Concen: 0.937 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 17420
Ion Ratio Lower Upper
91 100
92 49.9 25.9 77.8
134 21.1 12.2 36.4

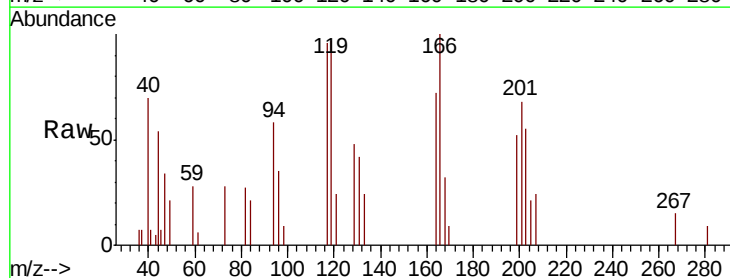


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

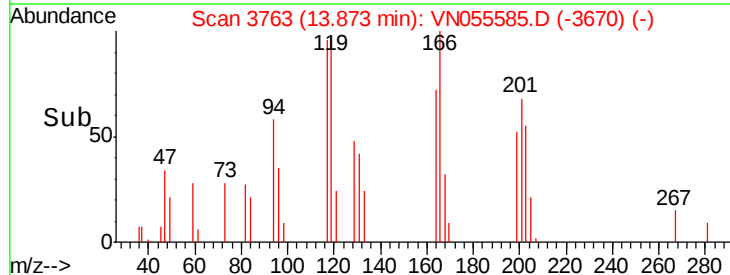
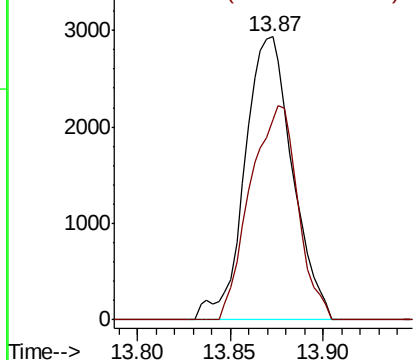


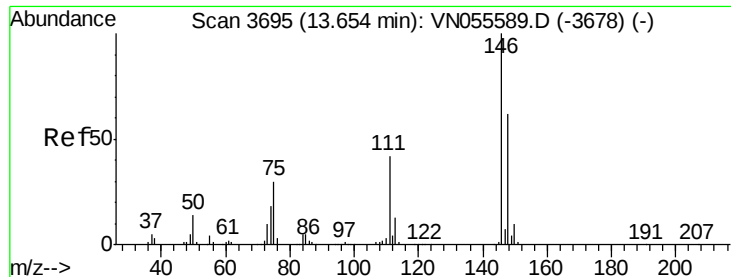
#90
Hexachloroethane
Concen: 1.331 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 117 Resp: 5267
Ion Ratio Lower Upper
117 100
201 75.5 40.6 121.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.188 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

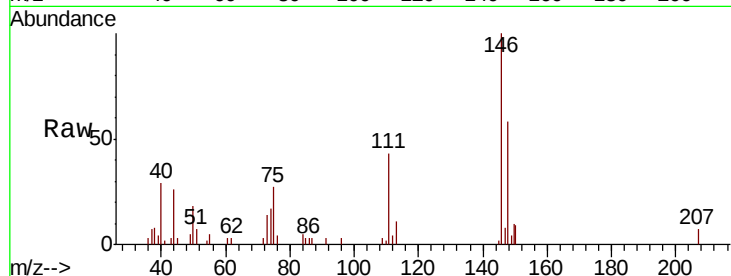
Tot Ion:146 Resp: 13301

Ion Ratio Lower Upper

146 100

111 44.0 21.0 63.0

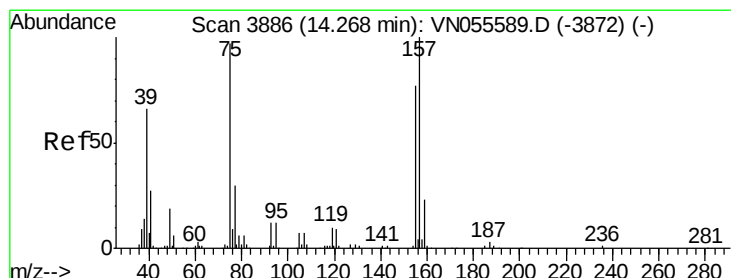
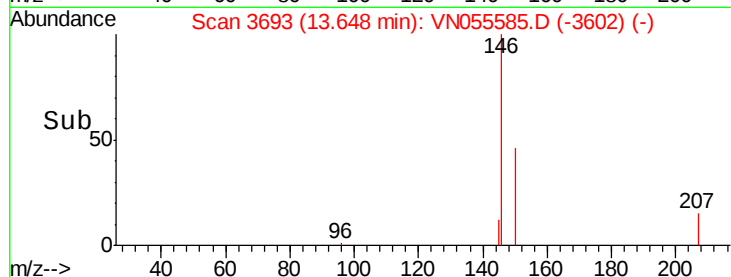
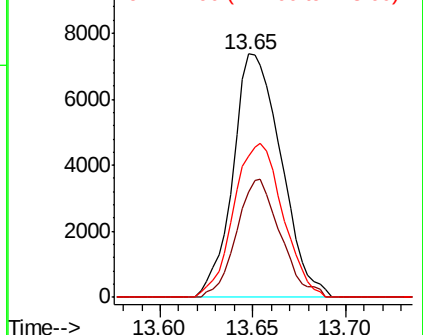
148 64.5 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.136 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

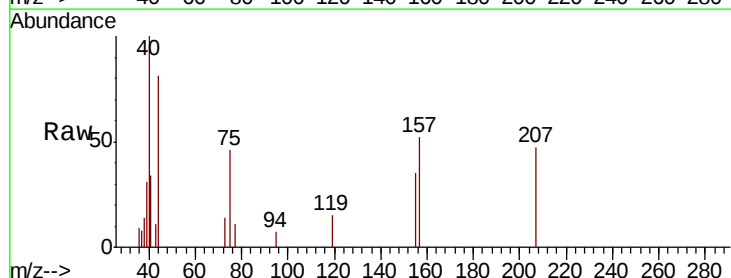
Tgt Ion: 75 Resp: 1683

Ion Ratio Lower Upper

75 100

155 66.5 40.4 121.1

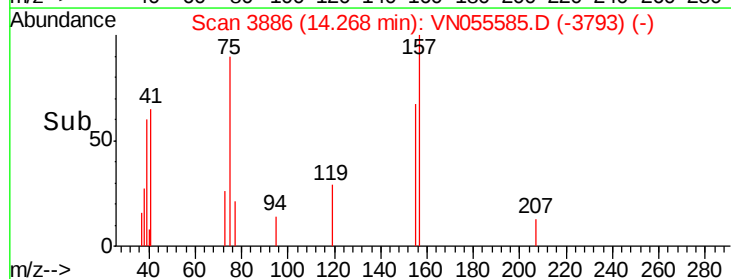
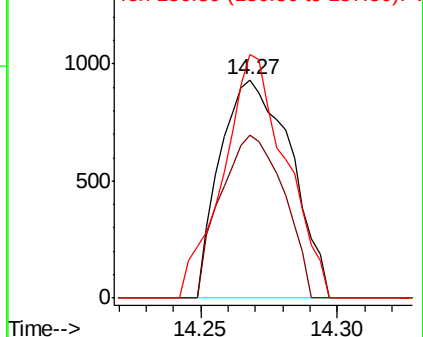
157 98.9 52.1 156.4

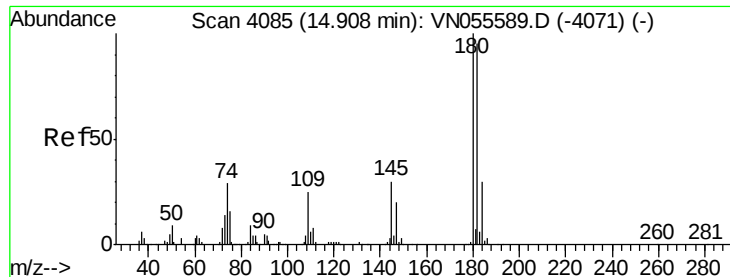


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

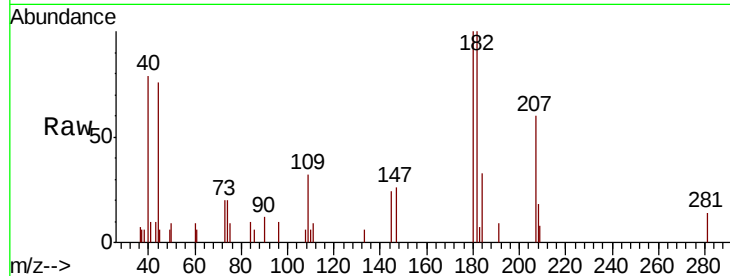




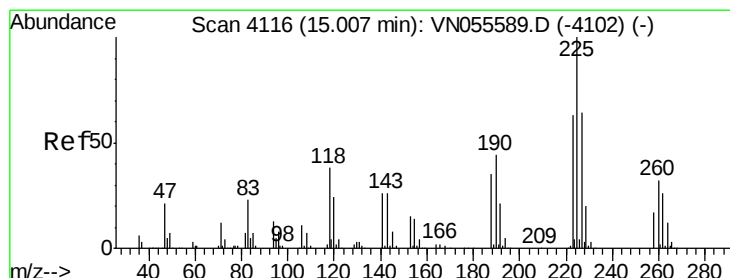
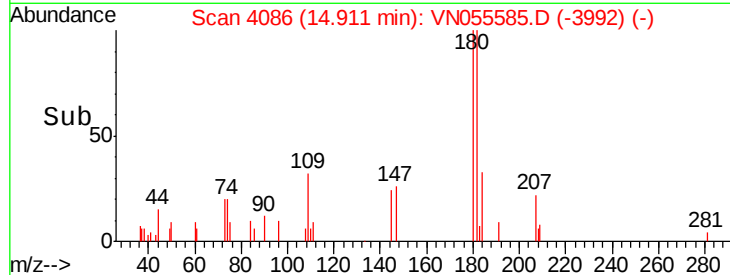
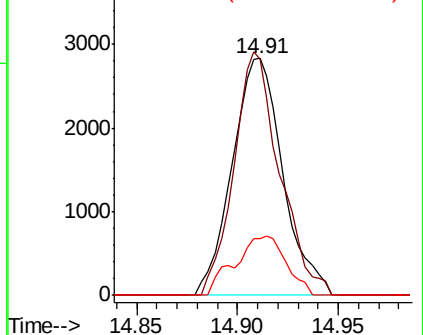
#93
 1,2,4-Trichlorobenzene
 Concen: 1.313 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 4970
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.4 142.3
 145 25.4 14.9 44.7

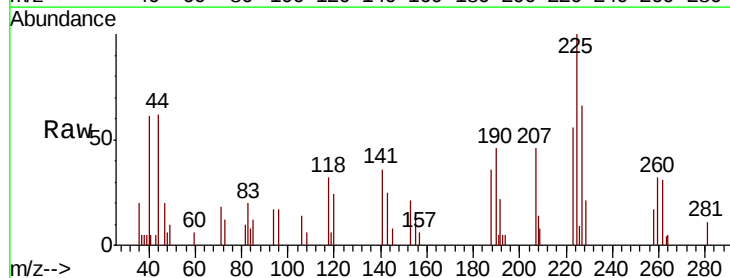


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

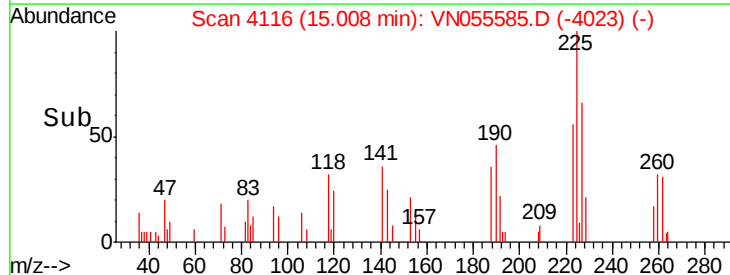
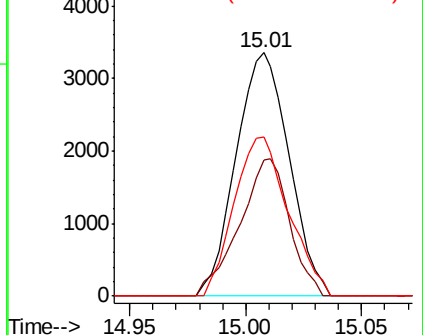


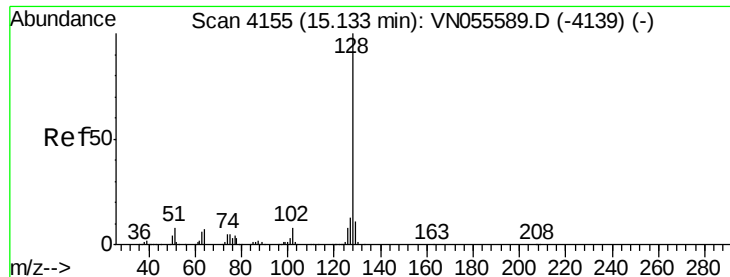
#94
 Hexachlorobutadiene
 Concen: 1.334 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion:225 Resp: 5347
 Ion Ratio Lower Upper
 225 100
 223 52.9 31.6 95.0
 227 66.6 32.4 97.0



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: 1.405 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

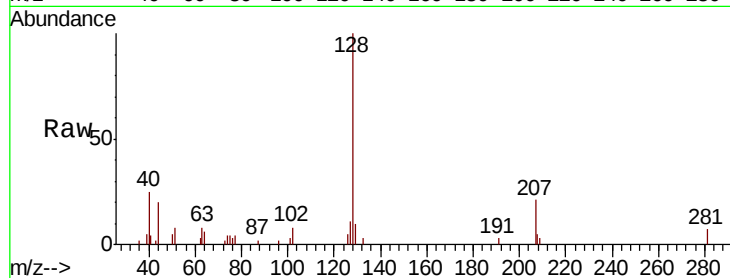
Tot Ion:128 Resp: 15541

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

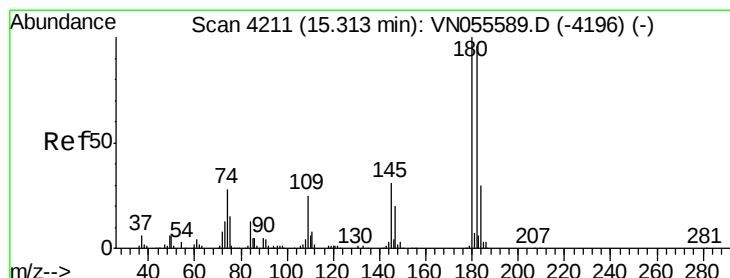
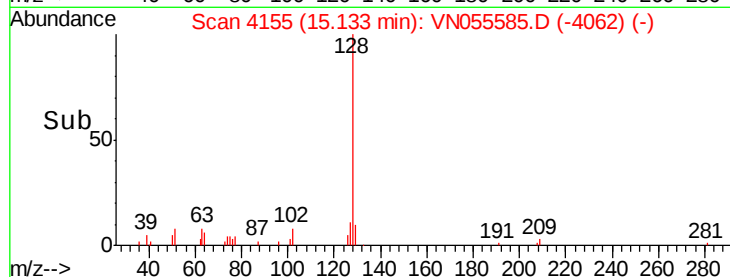
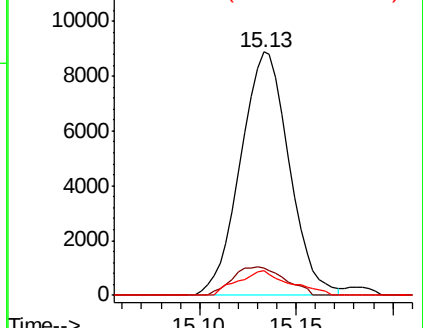
129 10.8 8.8 13.2



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: 1.416 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

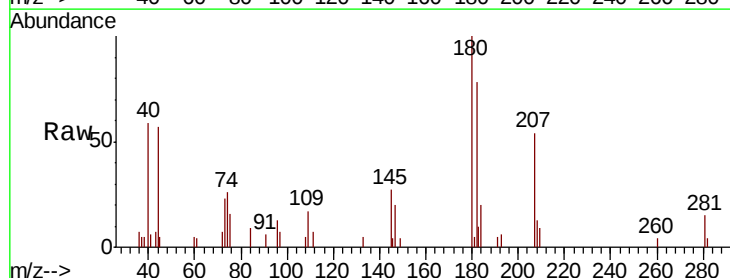
Tgt Ion:180 Resp: 6283

Ion Ratio Lower Upper

180 100

182 82.4 47.9 143.6

145 31.5 15.6 46.7



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

