

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056850.D
 Acq On : 22 Jul 2019 11:09
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 23 01:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	320522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	397139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112404	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	4106	1.17	ug/l	0.00
Spiked Amount			Recovery	=	2.34%	
35) Dibromofluoromethane	7.59	113	3054	1.00	ug/l	0.00
Spiked Amount			Recovery	=	2.00%	
50) Toluene-d8	10.09	98	11326	0.96	ug/l	0.00
Spiked Amount			Recovery	=	1.92%	
62) 4-Bromofluorobenzene	12.40	95	3032	0.77	ug/l	0.00
Spiked Amount			Recovery	=	1.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	2670	0.828	ug/l	85
3) Chloromethane	2.06	50	4815	1.145	ug/l	96
4) Vinyl Chloride	2.18	62	3956	0.984	ug/l	98
5) Bromomethane	2.56	94	3999	1.696	ug/l	89
6) Chloroethane	2.70	64	2374	1.029	ug/l #	88
7) Trichlorofluoromethane	3.01	101	5176	1.019	ug/l	99
8) Diethyl Ether	3.40	74	1901	0.977	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2042	0.668	ug/l #	43
10) Methyl Iodide	3.94	142	2868	0.696	ug/l #	88
11) Tert butyl alcohol	4.82	59	1568	2.717	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	3242	1.057	ug/l	82
13) Acrolein	3.60	56	2465	9.319	ug/l	84
14) Allyl chloride	4.31	41	5235	0.999	ug/l	91
15) Acrylonitrile	5.00	53	7000	4.157	ug/l	97
16) Acetone	3.82	43	7778	4.957	ug/l	90
17) Carbon Disulfide	4.04	76	8955	1.097	ug/l	97
18) Methyl Acetate	4.33	43	8379	1.867	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	9438	0.978	ug/l	98
20) Methylene Chloride	4.54	84	4122	1.137	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	3236	1.002	ug/l	86
22) Diisopropyl ether	5.96	45	10380	0.998	ug/l	93
23) Vinyl Acetate	5.90	43	35165	4.266	ug/l	100
24) 1,1-Dichloroethane	5.85	63	6237	1.034	ug/l #	83
25) 2-Butanone	6.86	43	8906	3.848	ug/l	100
26) 2,2-Dichloropropane	6.82	77	4399	1.022	ug/l	84
27) cis-1,2-Dichloroethene	6.83	96	3663	0.989	ug/l	96
28) Bromochloromethane	7.20	49	2734	0.971	ug/l #	56
29) Tetrahydrofuran	7.22	42	6175	4.061	ug/l #	80
30) Chloroform	7.37	83	6746	1.116	ug/l	92
31) Cyclohexane	7.66	56	10394	1.807	ug/l #	7
32) 1,1,1-Trichloroethane	7.57	97	4766	0.996	ug/l #	38
36) 1,1-Dichloropropene	7.79	75	4429	0.965	ug/l	95
37) Ethyl Acetate	6.94	43	3061	0.700	ug/l #	80
38) Carbon Tetrachloride	7.78	117	4211	0.979	ug/l	91

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Quant Time: Jul 23 01:10:15 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	5645	0.997	ug/l	98
40) Benzene	8.04	78	14239	1.013	ug/l	96
41) Methacrylonitrile	7.17	41	1676	0.862	ug/l #	73
42) 1,2-Dichloroethane	8.13	62	4459	1.007	ug/l	91
43) Isopropyl Acetate	8.17	43	6300	0.910	ug/l #	93
44) Trichloroethene	8.83	130	3814	0.998	ug/l	91
45) 1,2-Dichloropropane	9.12	63	4049	1.087	ug/l #	86
46) Dibromomethane	9.21	93	2498	1.085	ug/l	88
47) Bromodichloromethane	9.40	83	4277	0.975	ug/l	91
48) Methyl methacrylate	9.20	41	3148	0.935	ug/l #	82
49) 1,4-Dioxane	9.20	88	1126	16.189	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	17792	4.001	ug/l	97
52) Toluene	10.16	92	7885	0.943	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	3944	0.865	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	4739	0.893	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	3370	0.970	ug/l	93
56) Ethyl methacrylate	10.43	69	3893	0.788	ug/l	90
57) 1,3-Dichloropropane	10.71	76	5425	0.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	6796	2.920	ug/l	97
59) 2-Hexanone	10.75	43	11920	3.772	ug/l	91
60) Dibromochloromethane	10.90	129	2843	0.831	ug/l	91
61) 1,2-Dibromoethane	11.00	107	2838	0.821	ug/l	85
64) Tetrachloroethene	10.63	164	3694	1.063	ug/l	88
65) Chlorobenzene	11.43	112	8377	1.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	3276	1.082	ug/l #	64
67) Ethyl Benzene	11.51	91	13521	0.937	ug/l	91
68) m/p-Xylenes	11.62	106	10085	1.870	ug/l	93
69) o-Xylene	11.95	106	5112	0.964	ug/l	99
70) Styrene	11.96	104	6371	0.744	ug/l	93
71) Bromoform	12.12	173	1867	0.823	ug/l #	85
73) Isopropylbenzene	12.25	105	12573	1.363	ug/l	100
74) N-amyl acetate	12.07	43	4258	1.268	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.50	83	4099	1.347	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	4444	1.819	ug/l #	100
77) Bromobenzene	12.53	156	2733	1.134	ug/l	73
78) n-propylbenzene	12.59	91	11976	1.176	ug/l	97
79) 2-Chlorotoluene	12.67	91	8445	1.340	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10243	1.314	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	831	1.056	ug/l #	79
82) 4-Chlorotoluene	12.77	91	7373	1.232	ug/l	99
83) tert-Butylbenzene	12.99	119	9317	1.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	9029	1.188	ug/l	95
85) sec-Butylbenzene	13.17	105	11122	1.282	ug/l	100
86) p-Isopropyltoluene	13.28	119	9339	1.190	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4409	1.125	ug/l	94
88) 1,4-Dichlorobenzene	13.28	146	4409	1.157	ug/l	94
89) n-Butylbenzene	13.61	91	6198	0.987	ug/l	97
90) Hexachloroethane	13.87	117	1768	1.383	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	4640	1.159	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	503	1.056	ug/l	71

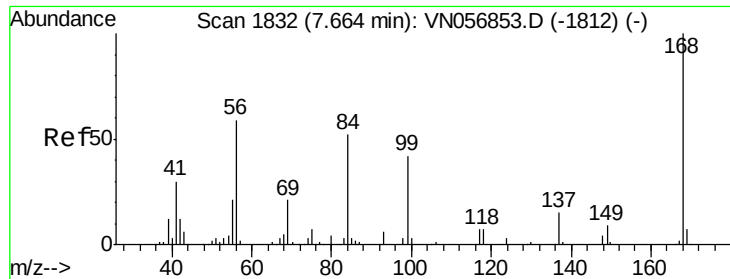
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Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:05:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	1172	0.650	ug/l #	70
94) Hexachlorobutadiene	15.01	225	2223	1.541	ug/l	94
95) Naphthalene	15.13	128	3656	0.759	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1529	0.811	ug/l	88

(#) = 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: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

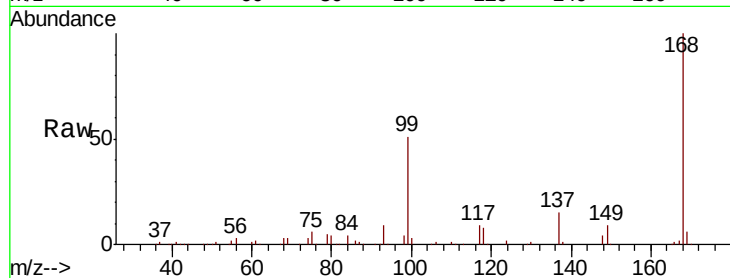
VSTDIC001

Tot Ion:168 Resp: 320522

Ion Ratio Lower Upper

168 100

99 50.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

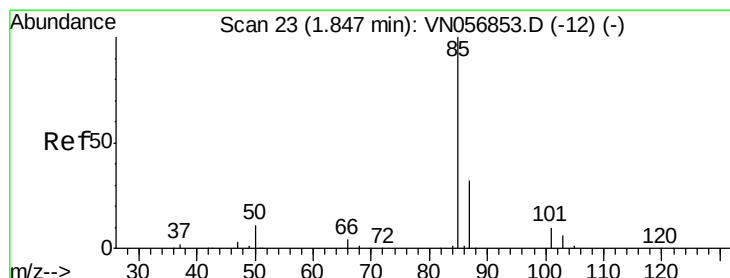
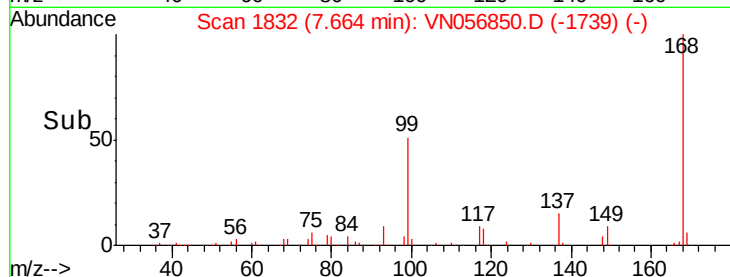
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 0.828 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056850.D

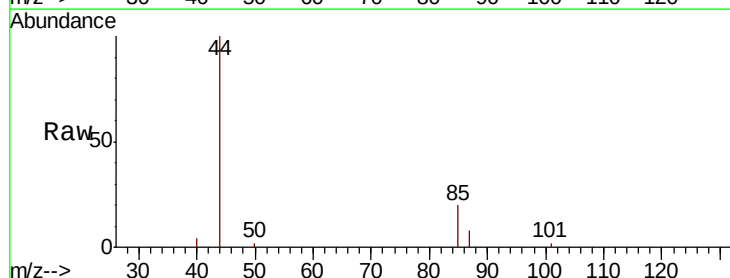
Acq: 22 Jul 2019 11:09

Tgt Ion: 85 Resp: 2670

Ion Ratio Lower Upper

85 100

87 40.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

2000

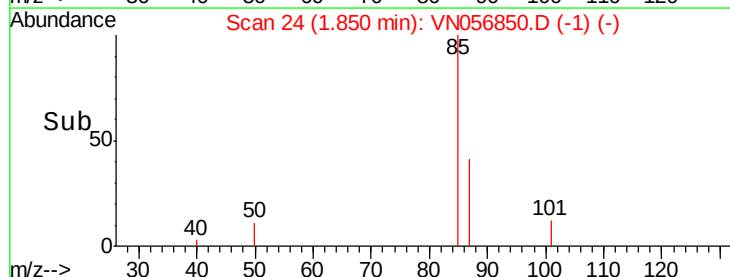
1500

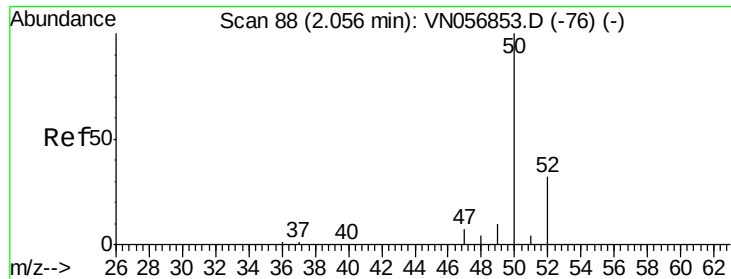
1000

500

0

Time--> 1.80 1.85

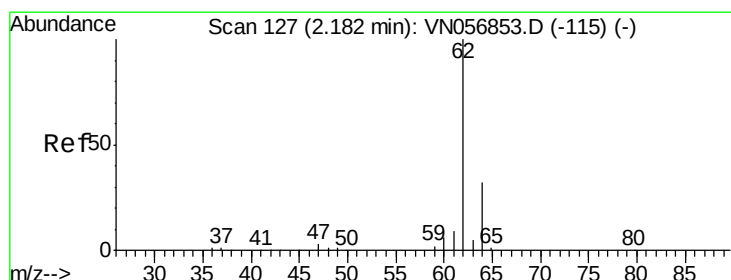
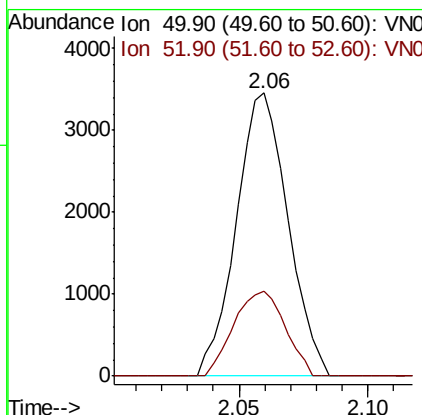
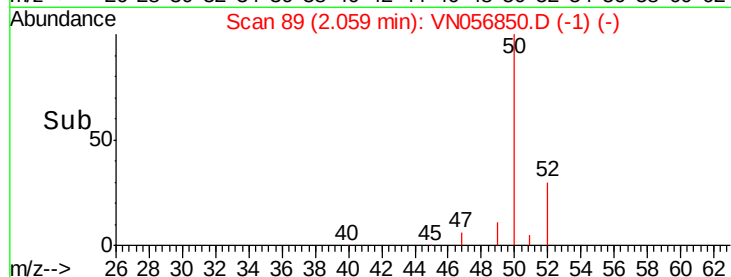
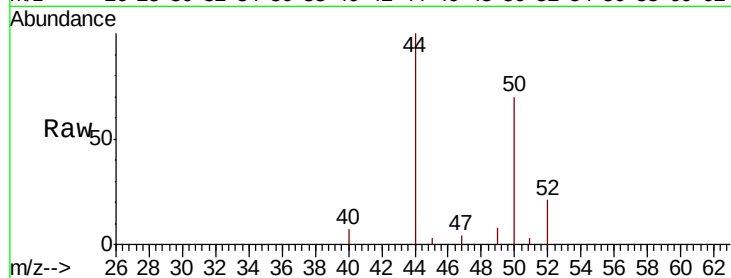




#3
 Chloromethane
 Concen: 1.145 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

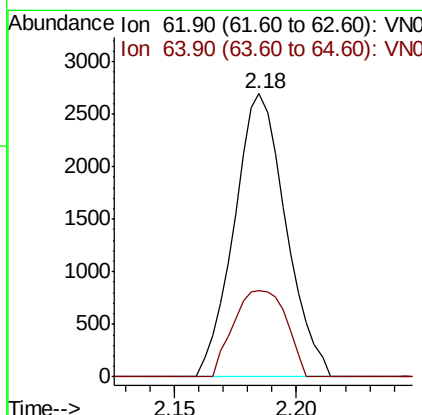
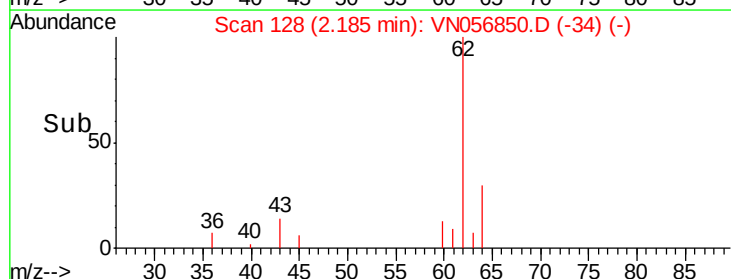
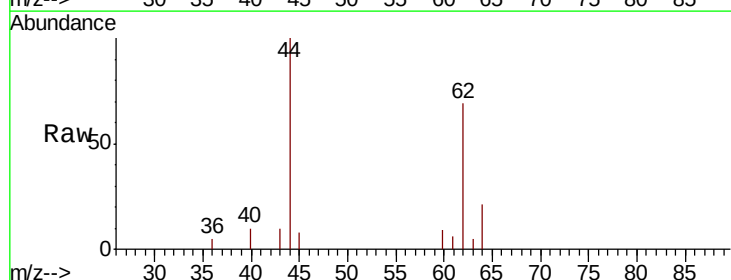
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

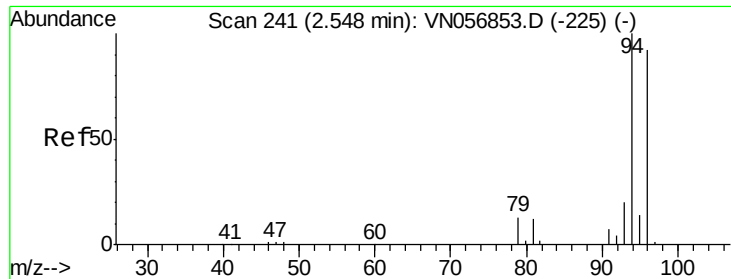
Tot Ion: 50 Resp: 4815
 Ion Ratio Lower Upper
 50 100
 52 30.0 25.9 38.9



#4
 Vinyl Chloride
 Concen: 0.984 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 62 Resp: 3956
 Ion Ratio Lower Upper
 62 100
 64 30.4 25.4 38.2





#5

Bromomethane

Concen: 1.696 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

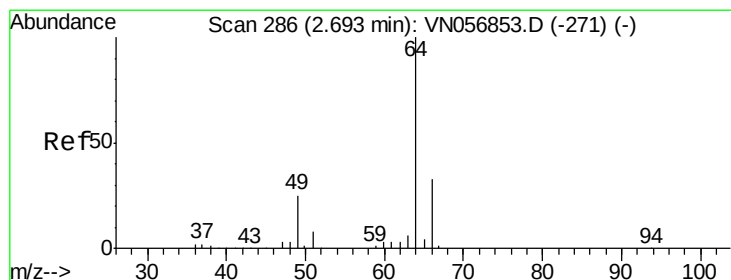
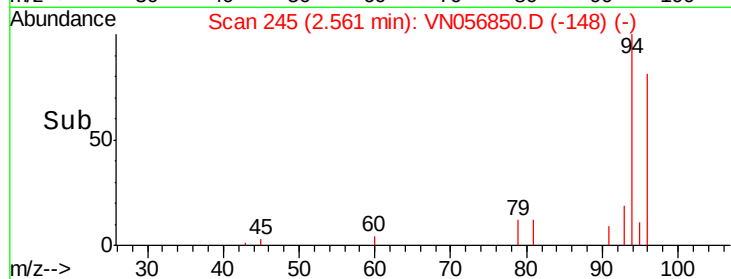
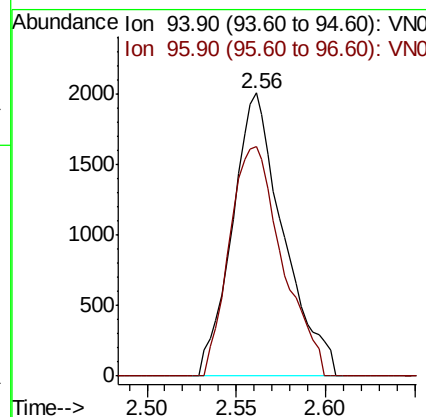
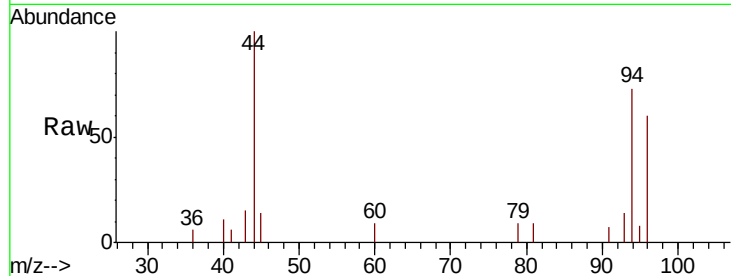
VSTDIC001

Tot Ion: 94 Resp: 3999

Ion Ratio Lower Upper

94 100

96 81.3 73.6 110.4



#6

Chloroethane

Concen: 1.029 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.01 min

Lab File: VN056850.D

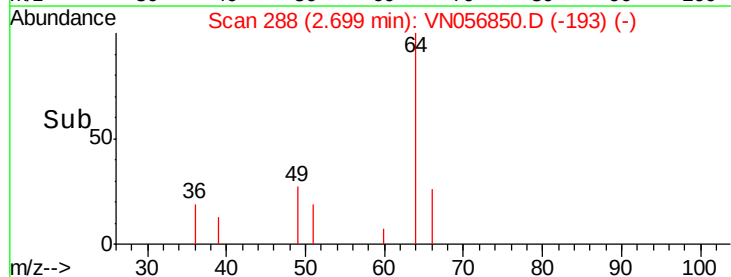
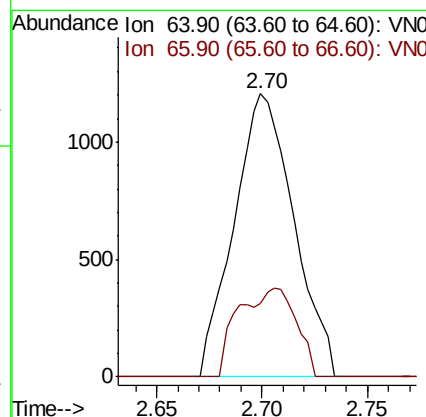
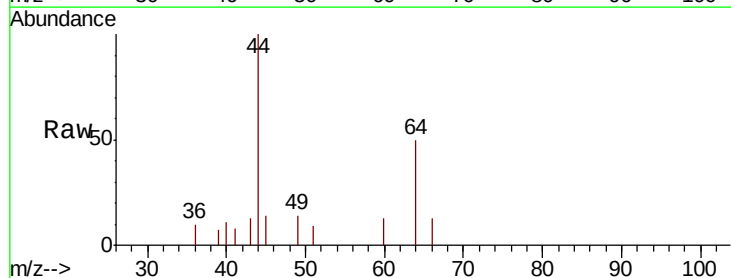
Acq: 22 Jul 2019 11:09

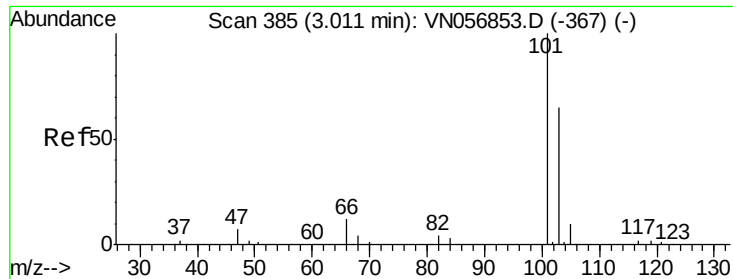
Tgt Ion: 64 Resp: 2374

Ion Ratio Lower Upper

64 100

66 26.1 26.4 39.6#





#7

Trichlorofluoromethane

Concen: 1.019 ug/l

RT: 3.01 min Scan# 385

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

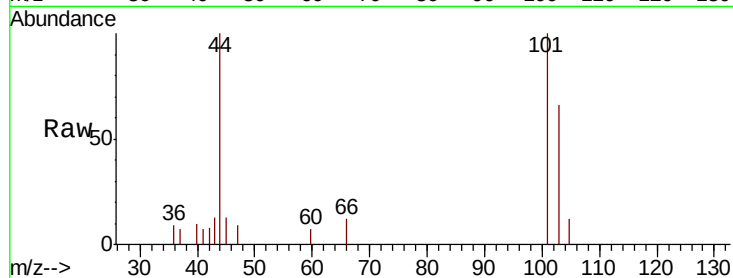
VSTDIC001

Tot Ion:101 Resp: 5176

Ion Ratio Lower Upper

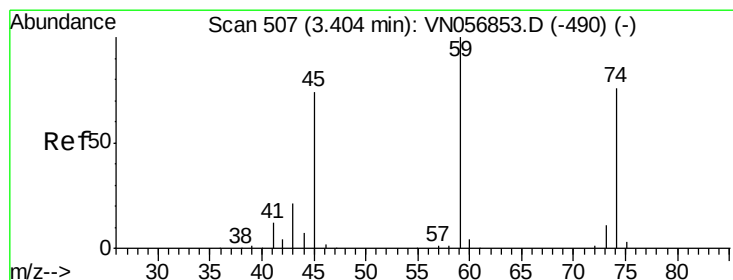
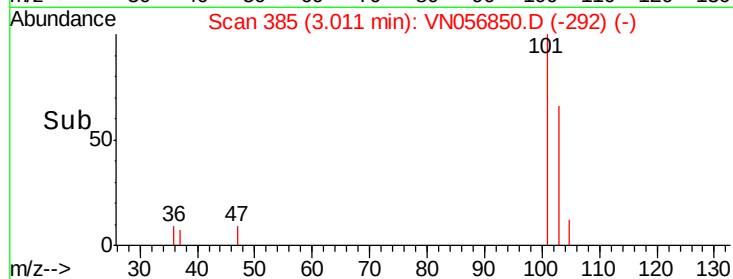
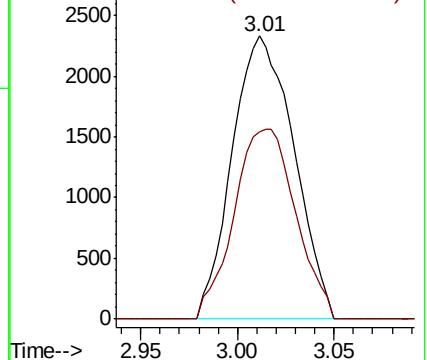
101 100

103 66.3 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.977 ug/l

RT: 3.40 min Scan# 507

Delta R.T. -0.00 min

Lab File: VN056850.D

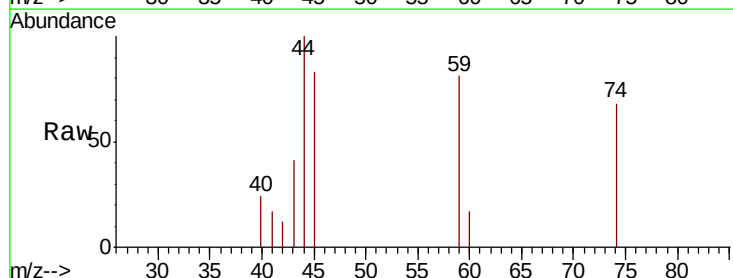
Acq: 22 Jul 2019 11:09

Tgt Ion: 74 Resp: 1901

Ion Ratio Lower Upper

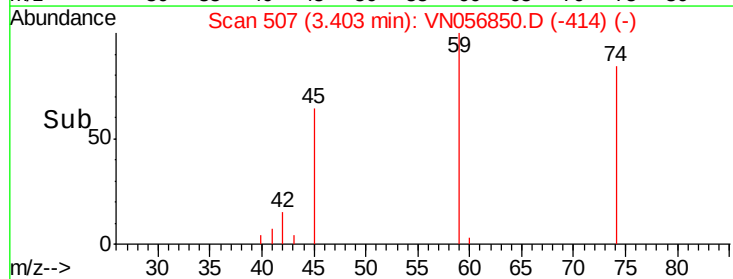
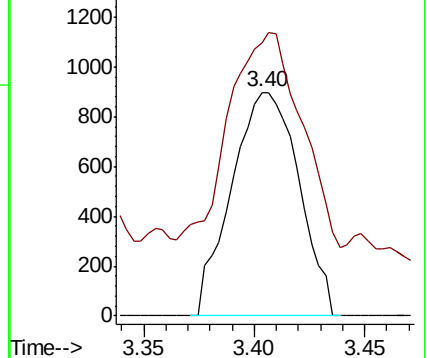
74 100

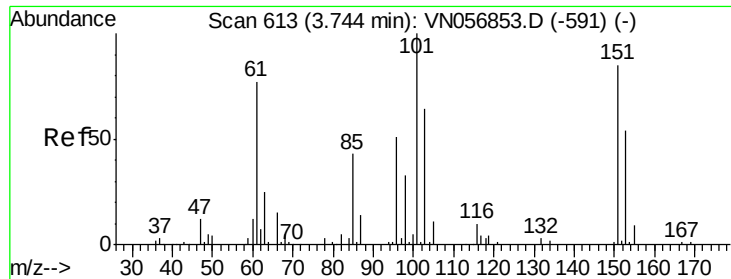
45 99.7 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.668 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

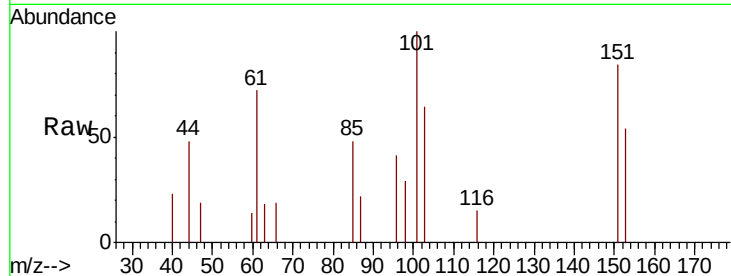
Tot Ion:101 Resp: 2042

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

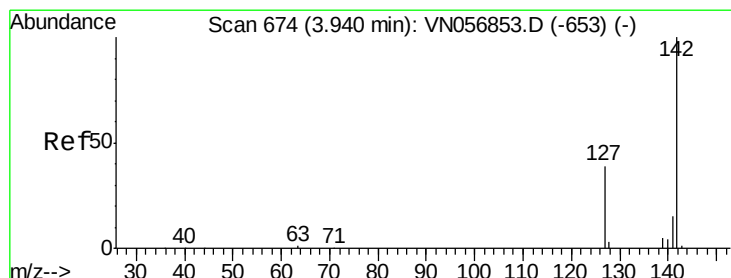
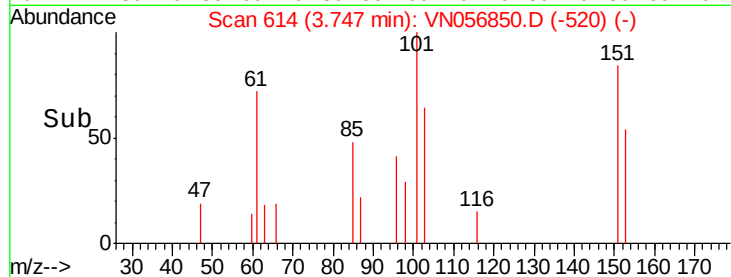
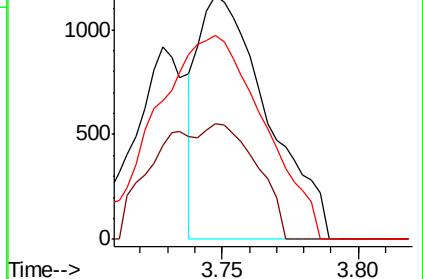
151 132.8 68.1 102.1#



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: 0.696 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

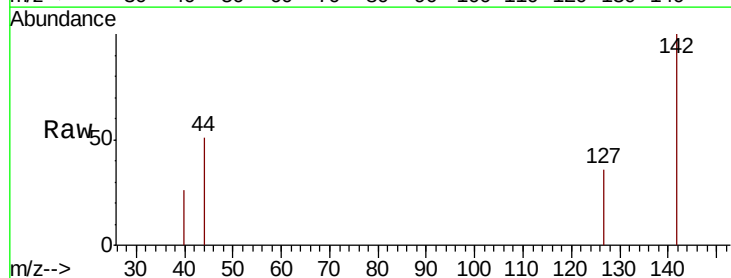
Tgt Ion:142 Resp: 2868

Ion Ratio Lower Upper

142 100

127 35.7 31.2 46.8

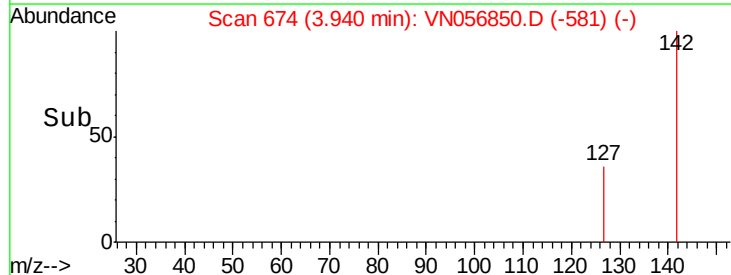
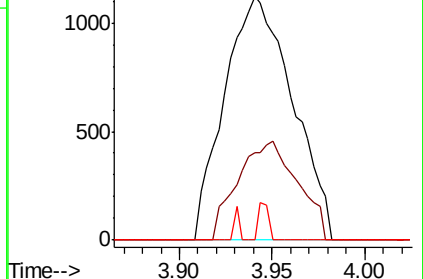
141 2.2 11.4 17.2#

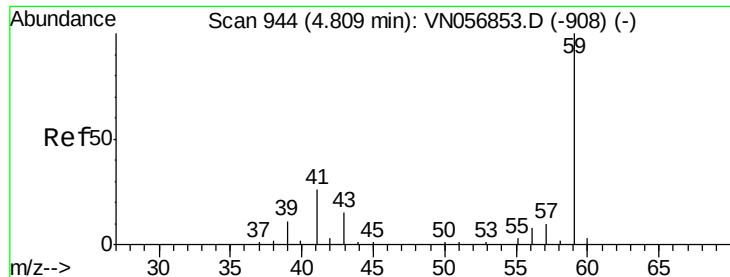


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

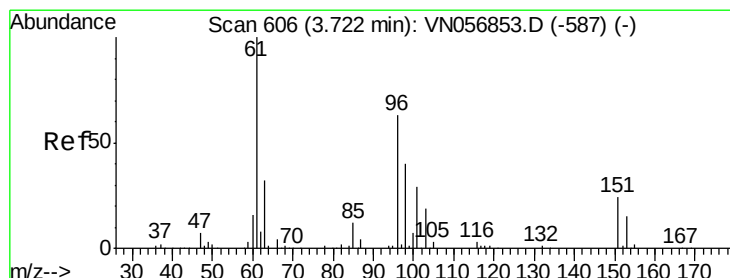
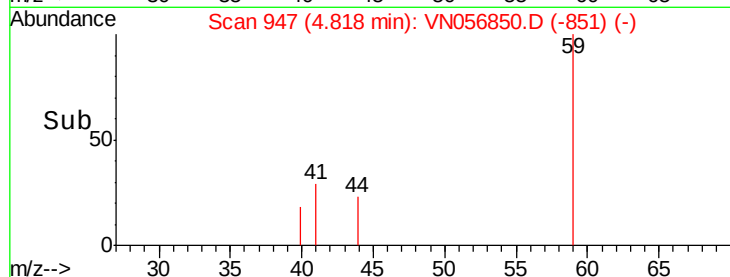
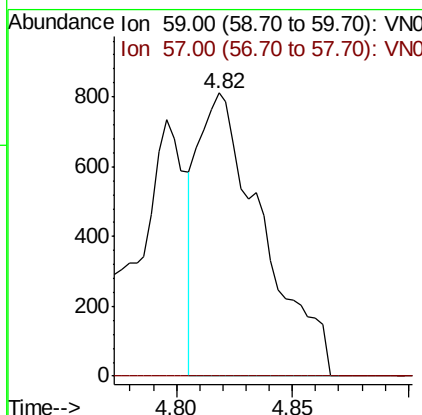
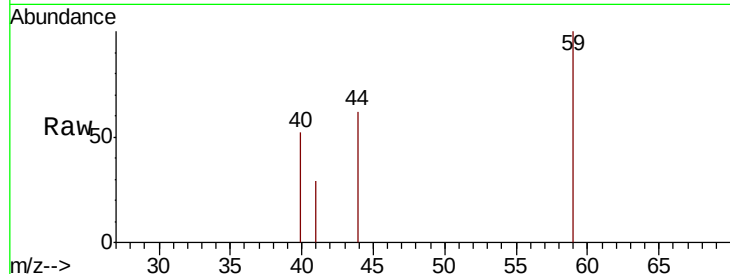




#11
Tert butyl alcohol
Concen: 2.717 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

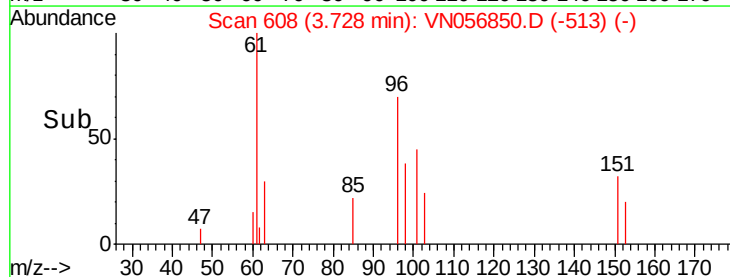
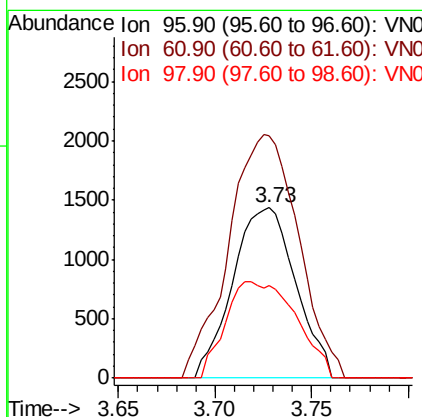
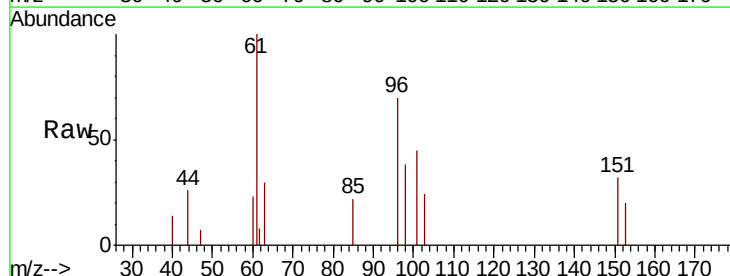
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

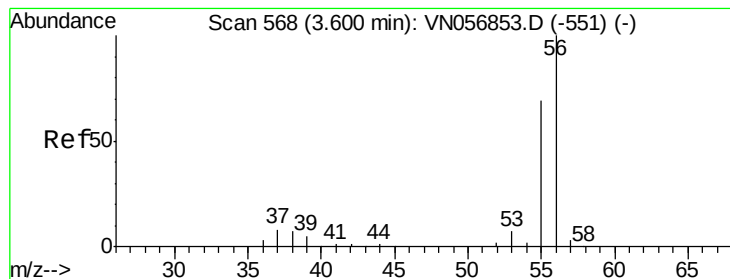
Tot Ion: 59 Resp: 1568
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.057 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 131.7 126.3 189.5
98 54.1 51.0 76.4





#13

Acrolein

Concen: 9.319 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

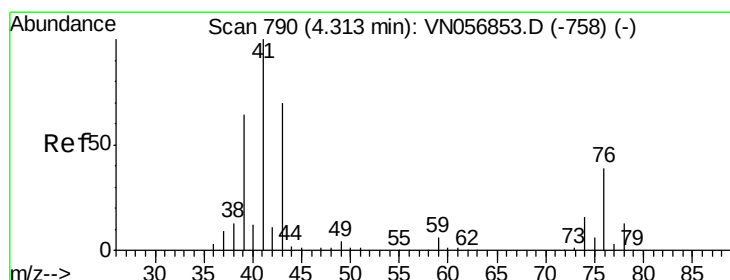
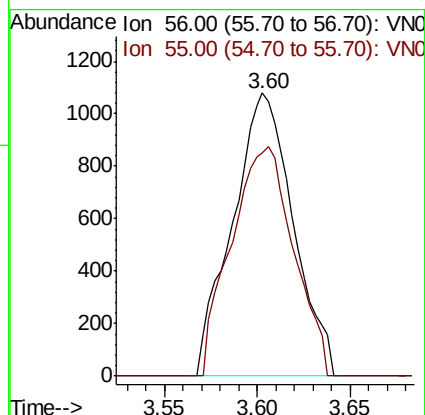
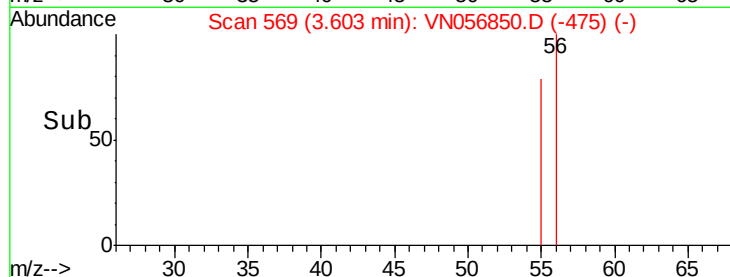
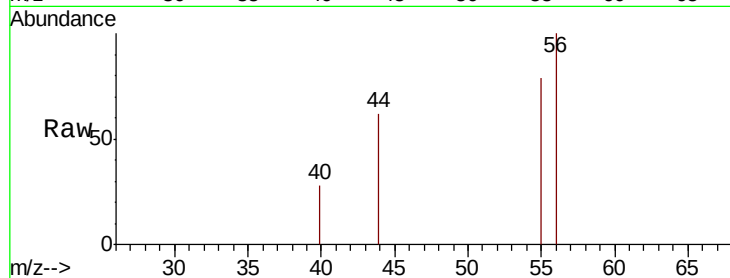
VSTDIC001

Tot Ion: 56 Resp: 2465

Ion Ratio Lower Upper

56 100

55 83.2 56.2 84.4



#14

Allyl chloride

Concen: 0.999 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

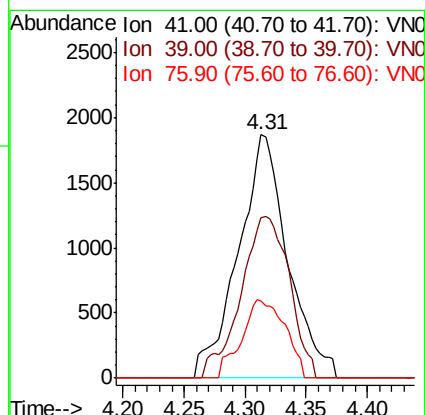
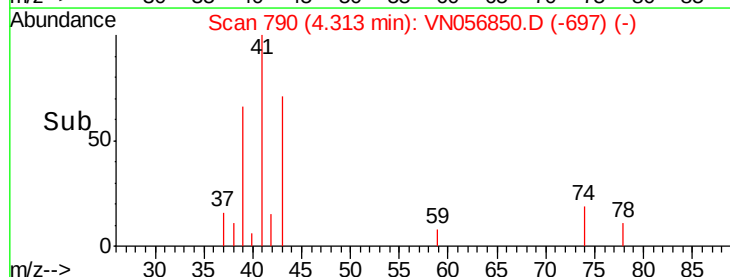
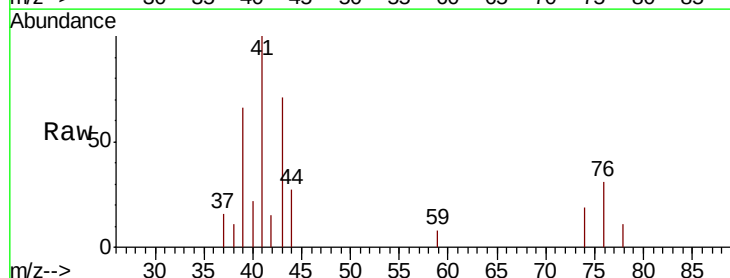
Tgt Ion: 41 Resp: 5235

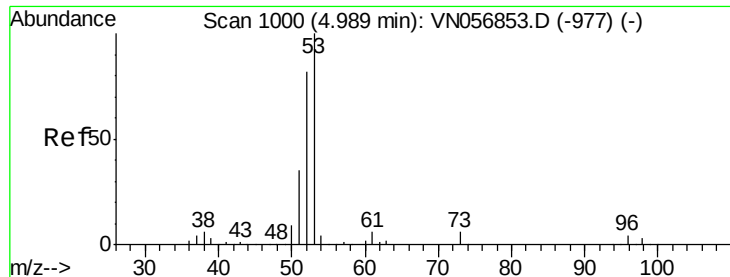
Ion Ratio Lower Upper

41 100

39 65.5 47.8 71.6

76 28.4 27.9 41.9





#15

Acrylonitrile

Concen: 4.157 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

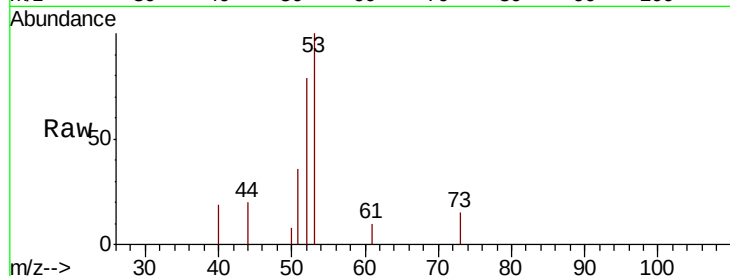
Tot Ion: 53 Resp: 7000

Ion Ratio Lower Upper

53 100

52 77.8 65.0 97.6

51 34.0 28.2 42.2

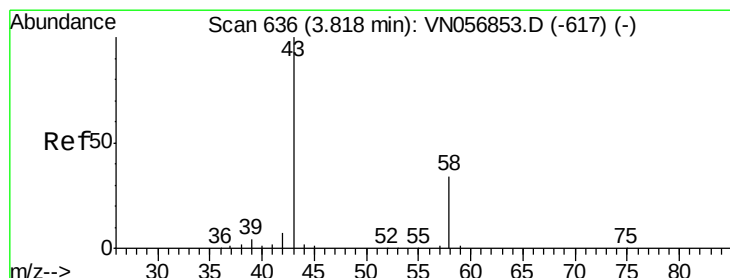
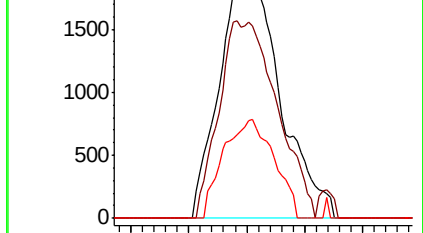
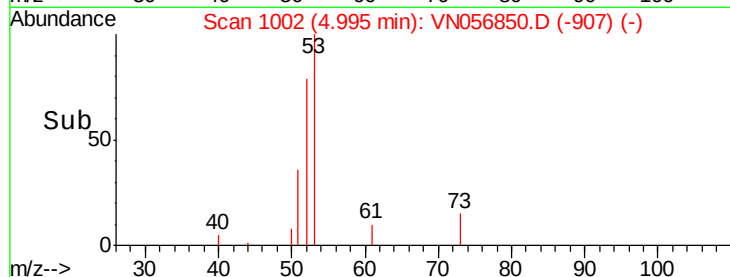


Abundance Ion 53.00 (52.70 to 53.70): VN056850.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN056850.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN056850.D (-977) (-)

Time-->



#16

Acetone

Concen: 4.957 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056850.D

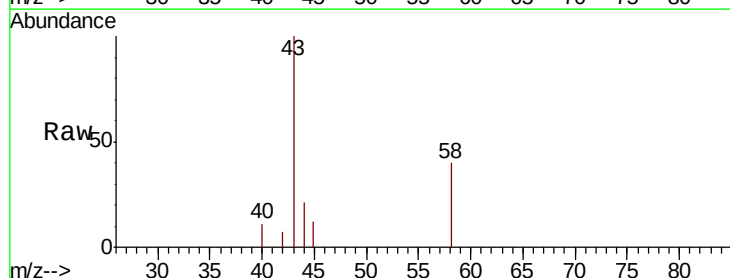
Acq: 22 Jul 2019 11:09

Tgt Ion: 43 Resp: 7778

Ion Ratio Lower Upper

43 100

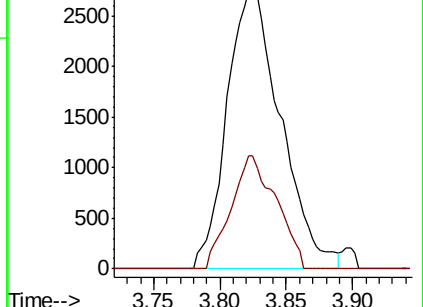
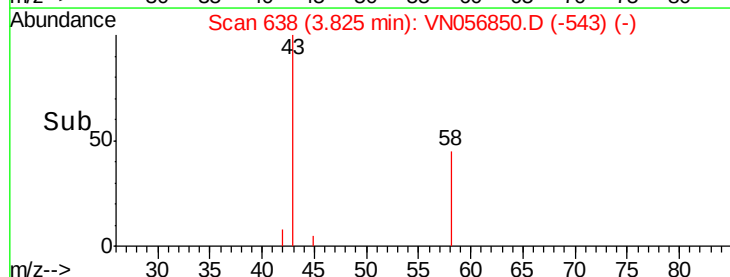
58 40.1 27.3 40.9

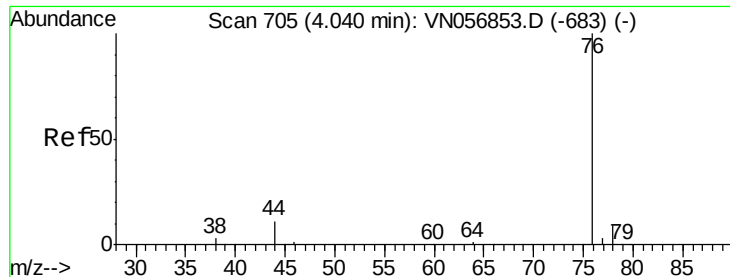


Abundance Ion 43.00 (42.70 to 43.70): VN056850.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056850.D (-543) (-)

Time-->

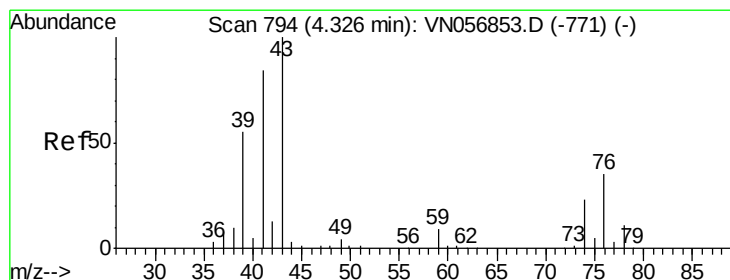
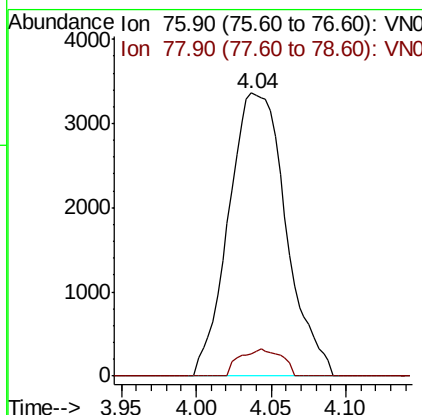
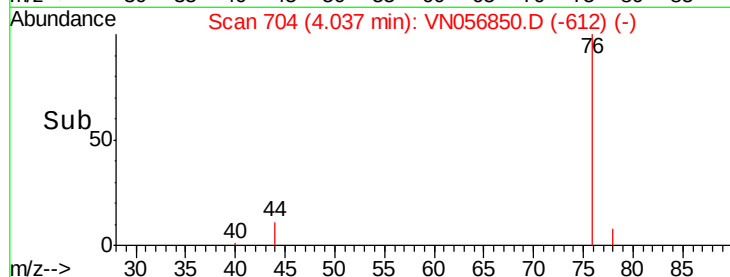
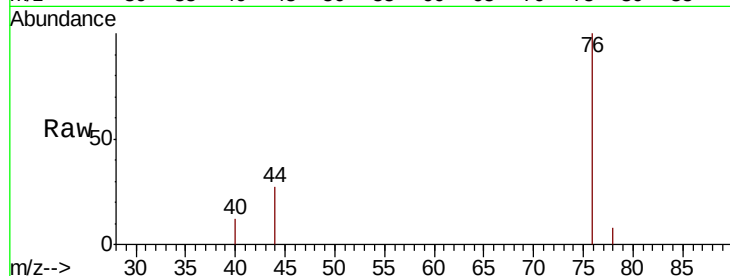




#17
Carbon Disulfide
Concen: 1.097 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

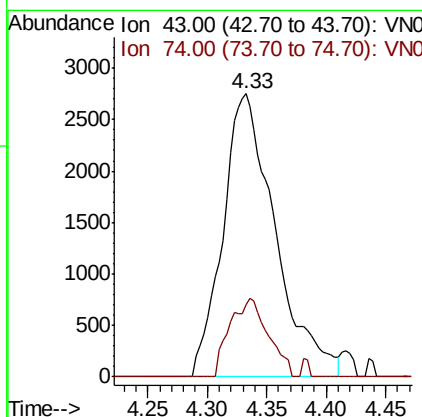
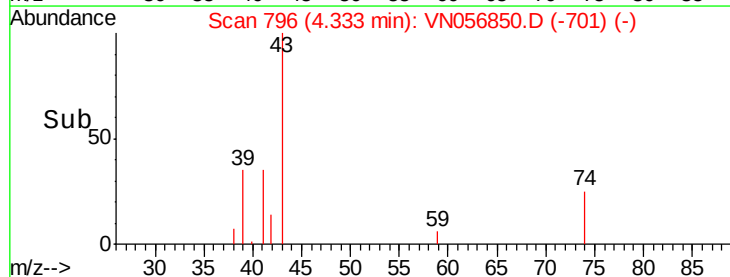
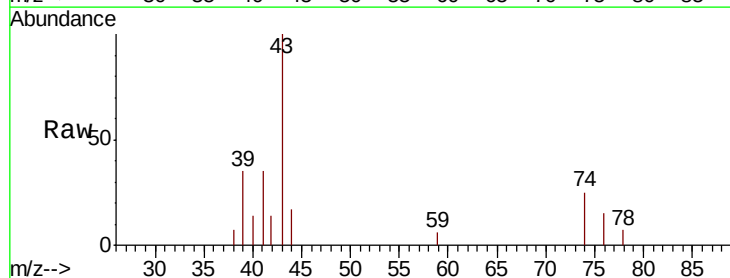
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

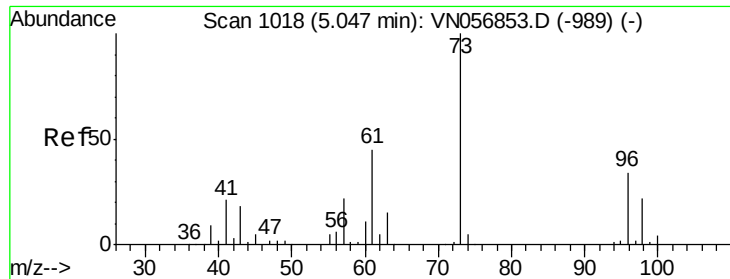
Tot Ion: 76 Resp: 8955
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



#18
Methyl Acetate
Concen: 1.867 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 43 Resp: 8379
Ion Ratio Lower Upper
43 100
74 20.3 19.0 28.4

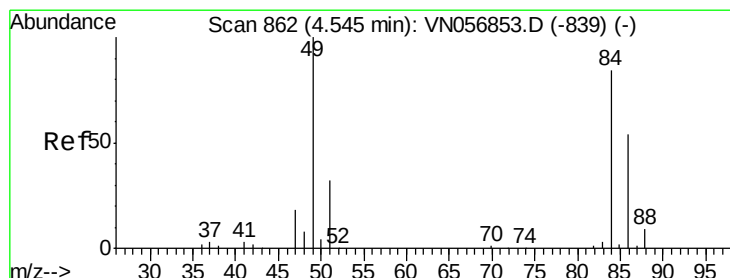
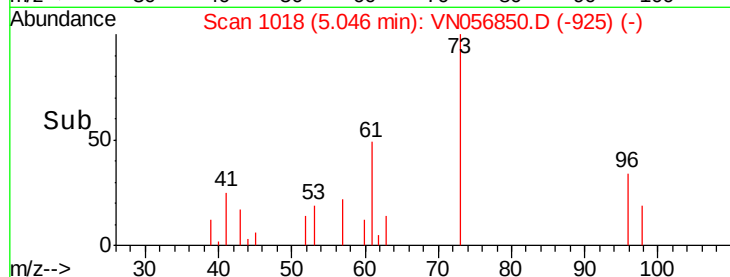
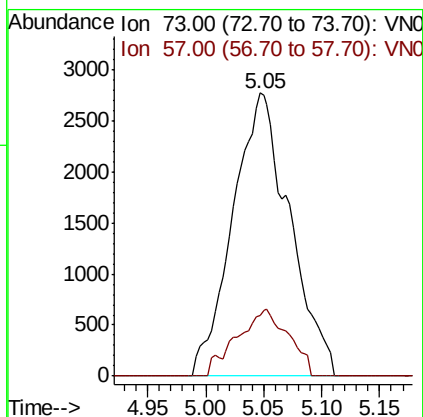
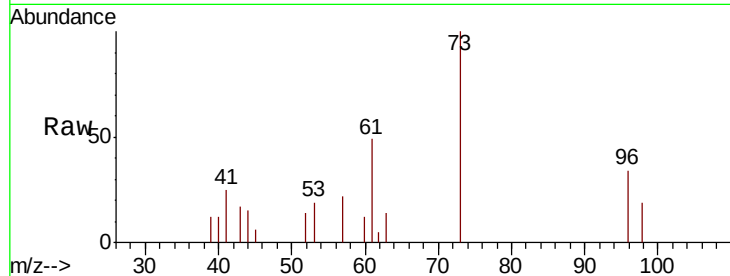




#19
Methyl tert-butyl Ether
Concen: 0.978 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

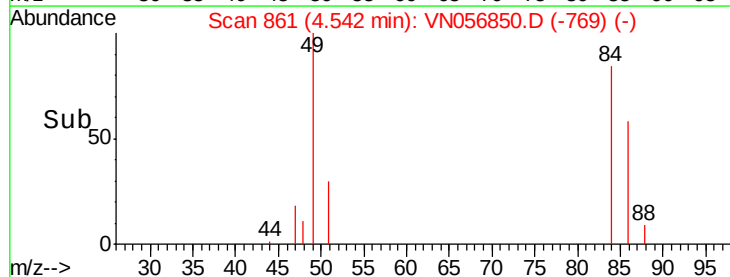
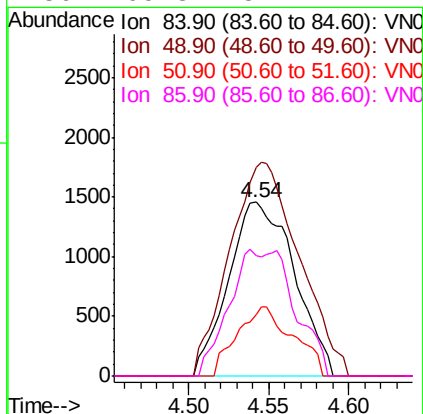
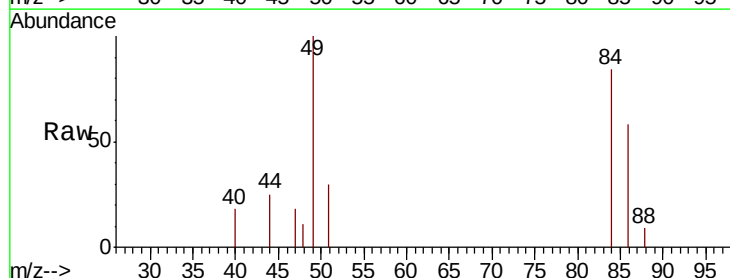
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

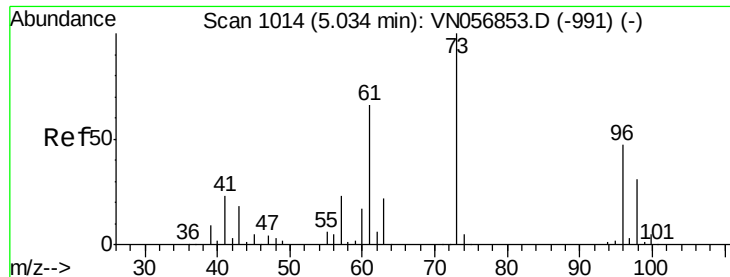
Tot Ion: 73 Resp: 9438
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 84 Resp: 4122
Ion Ratio Lower Upper
84 100
49 119.7 94.9 142.3
51 35.4 29.9 44.9
86 69.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 1.002 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

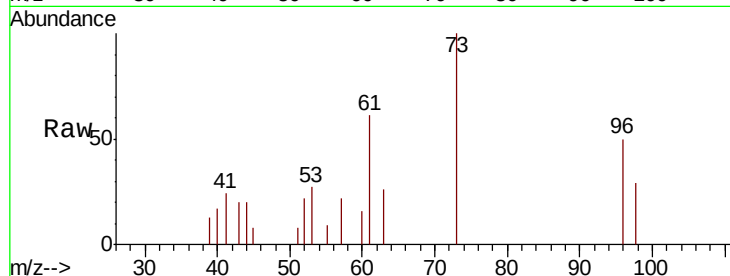
Tot Ion: 96 Resp: 3236

Ion Ratio Lower Upper

96 100

61 122.9 112.8 169.2

98 57.7 53.3 79.9

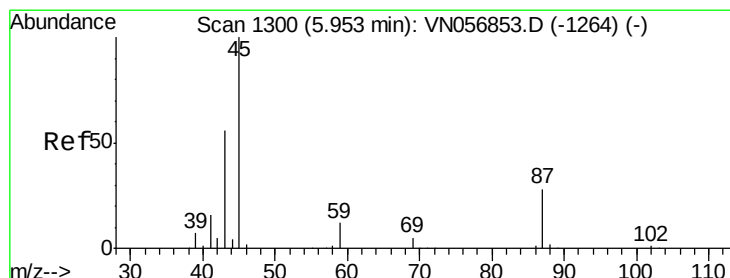
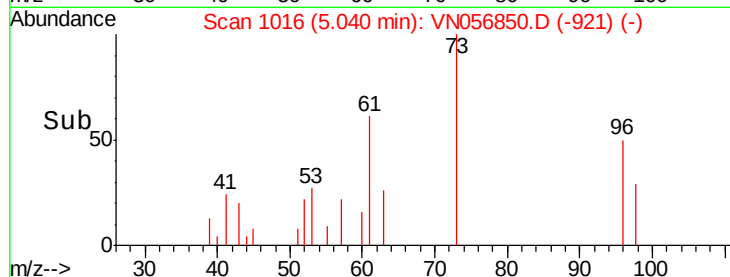
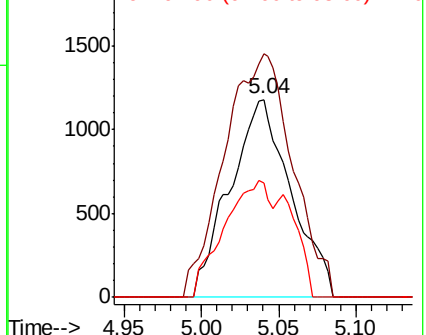


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.998 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion: 45 Resp: 10380

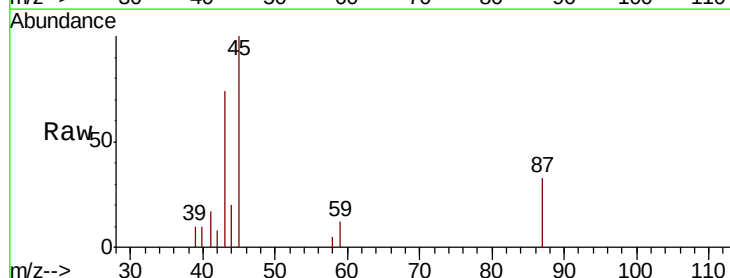
Ion Ratio Lower Upper

45 100

43 62.3 45.5 68.3

87 33.1 22.7 34.1

59 11.7 9.3 13.9



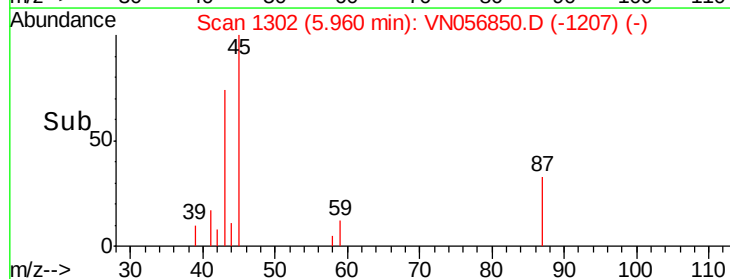
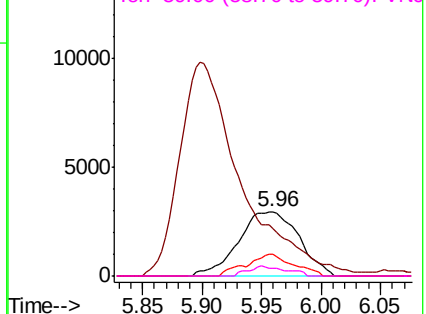
Abundance

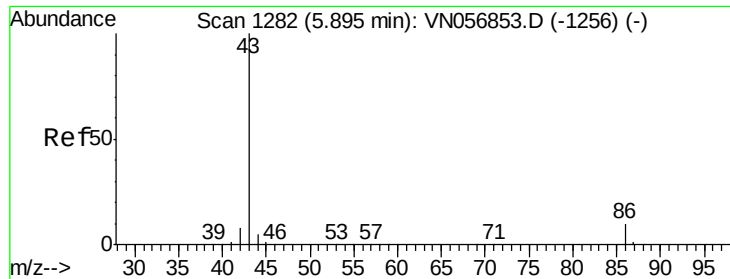
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

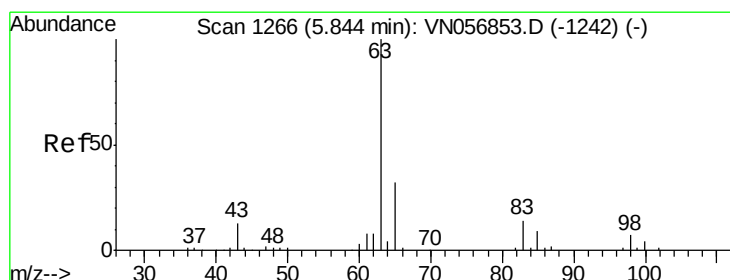
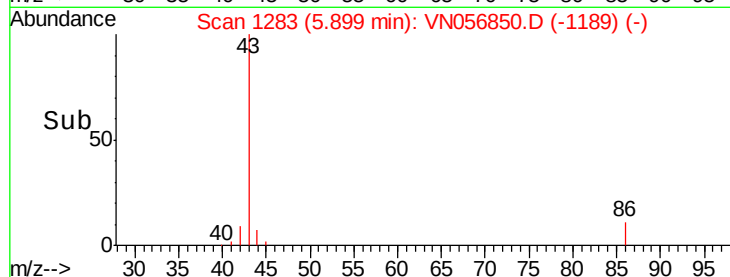
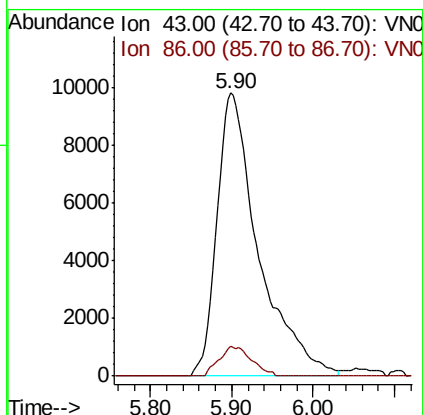
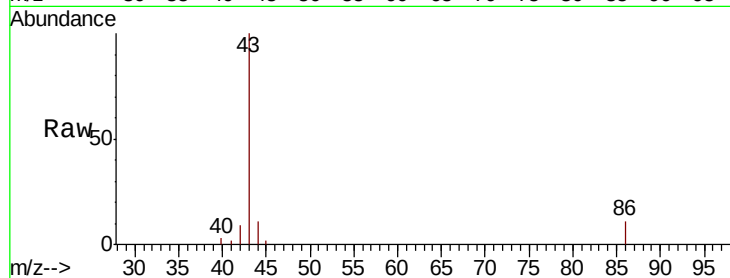




#23
 Vinyl Acetate
 Concen: 4.266 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

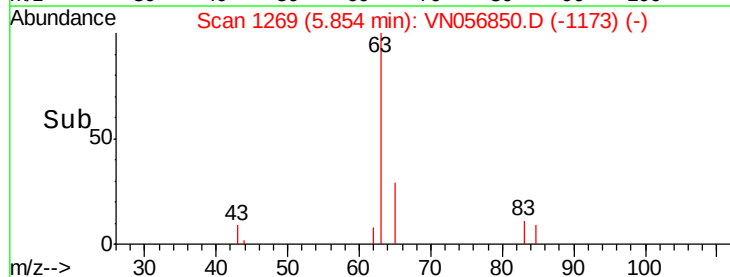
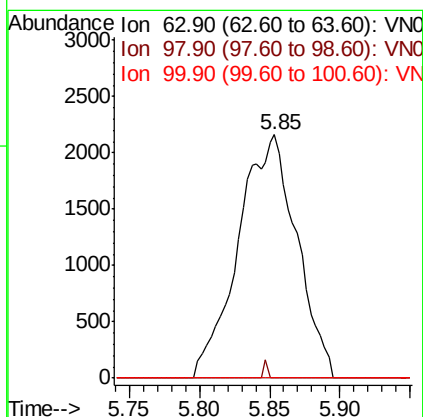
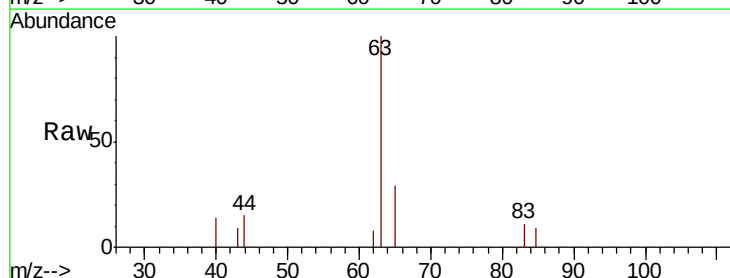
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

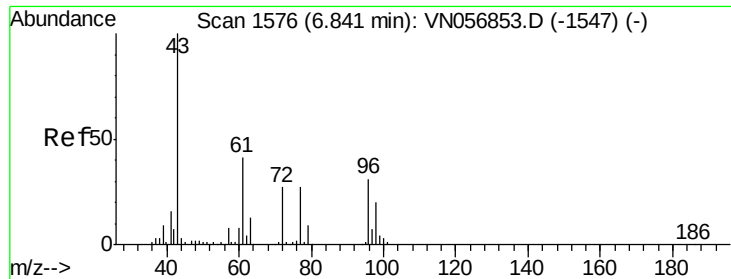
Tot Ion: 43 Resp: 35165
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 1.034 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 63 Resp: 6237
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 3.848 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

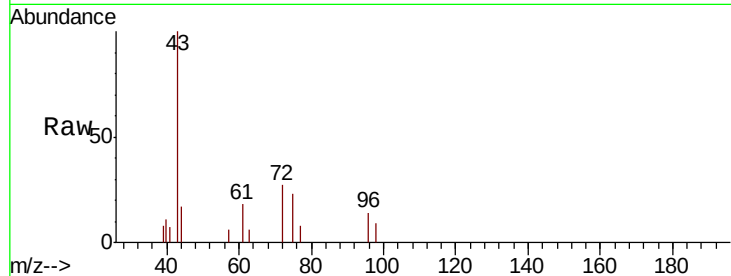
VSTDIC001

Tot Ion: 43 Resp: 8906

Ion Ratio Lower Upper

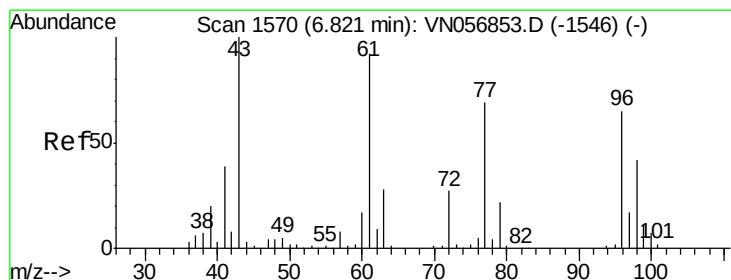
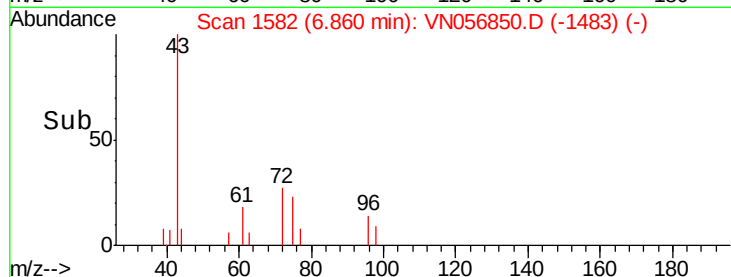
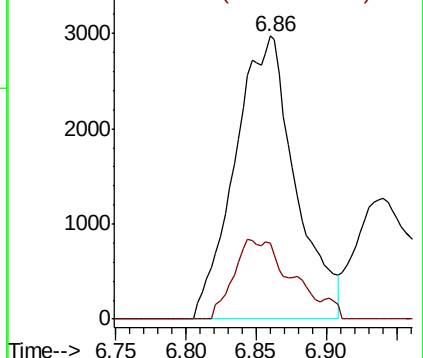
43 100

72 27.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN056853.D (-1547) (-)



#26

2,2-Dichloropropane

Concen: 1.022 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056850.D

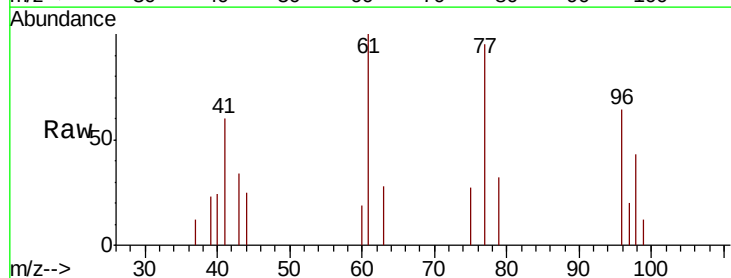
Acq: 22 Jul 2019 11:09

Tgt Ion: 77 Resp: 4399

Ion Ratio Lower Upper

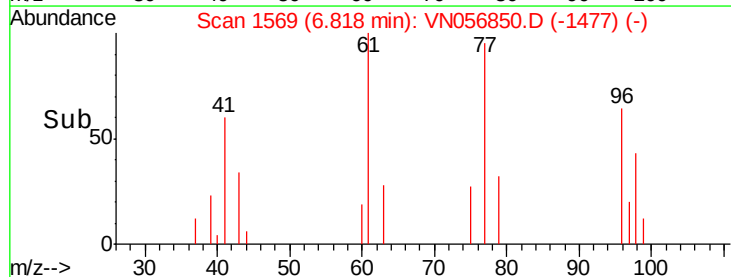
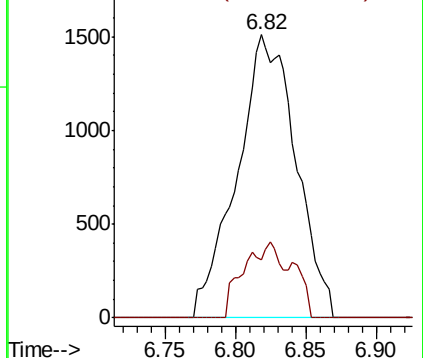
77 100

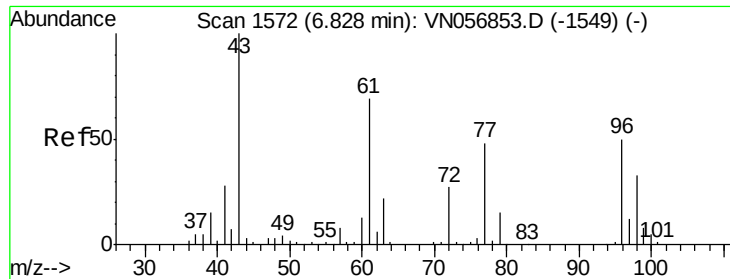
97 16.8 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VN056853.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN056853.D (-1546) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.989 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

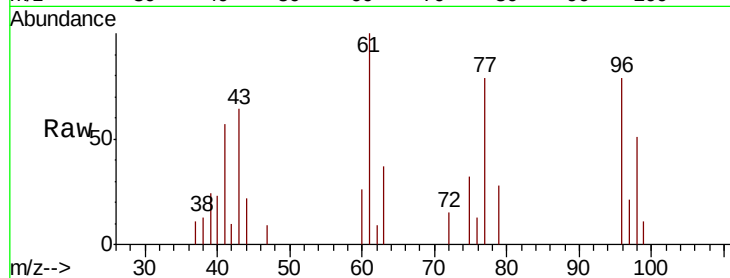
Tot Ion: 96 Resp: 3663

Ion Ratio Lower Upper

96 100

61 145.2 0.0 281.6

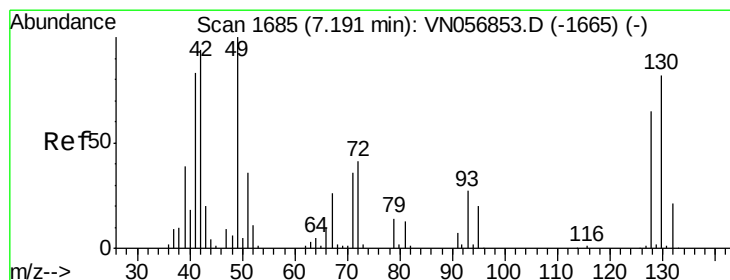
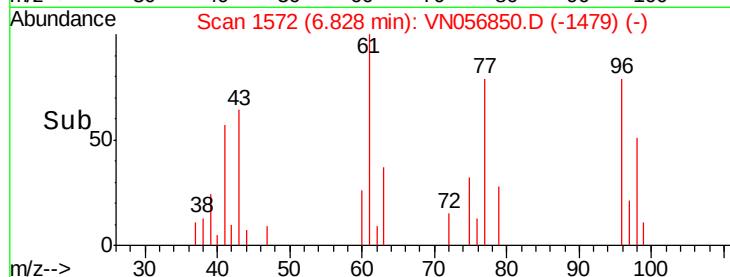
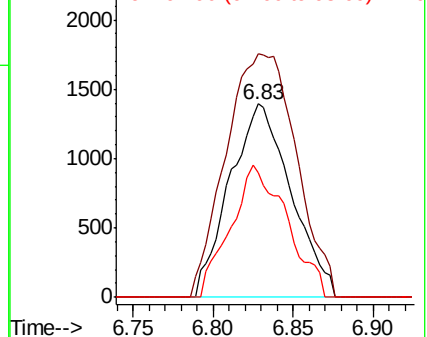
98 62.7 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.971 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

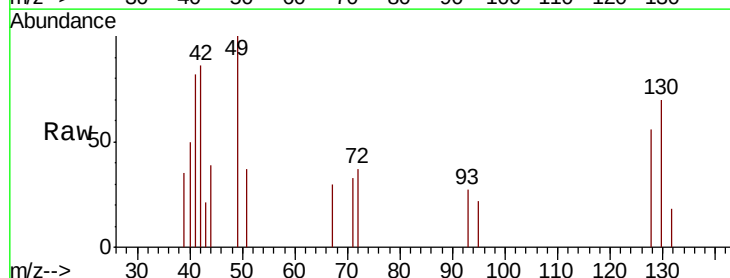
Tgt Ion: 49 Resp: 2734

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

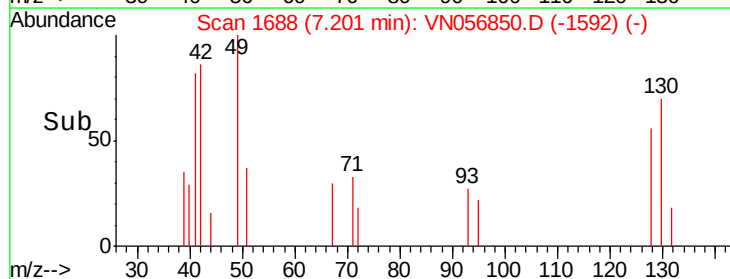
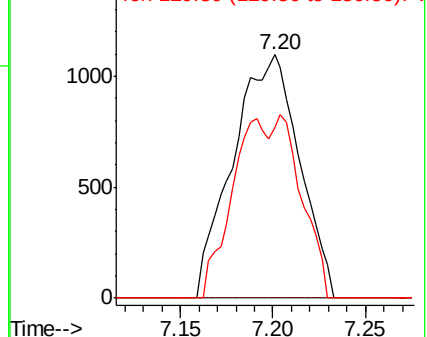
130 41.6 65.0 97.6#

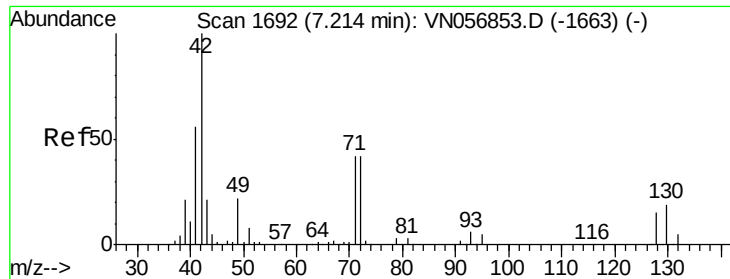


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 4.061 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

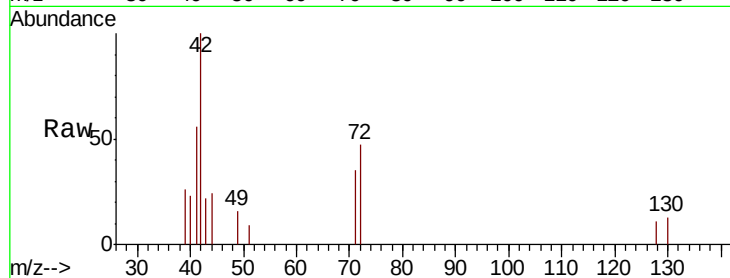
Tot Ion: 42 Resp: 6175

Ion Ratio Lower Upper

42 100

72 40.6 34.2 51.2

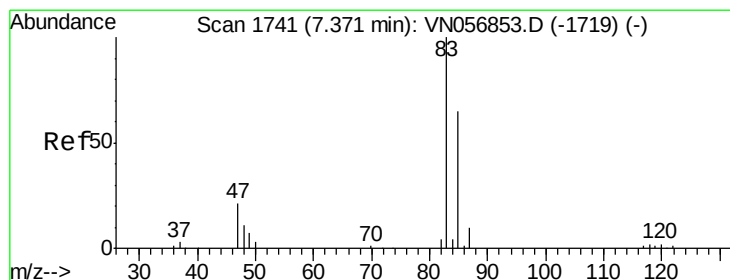
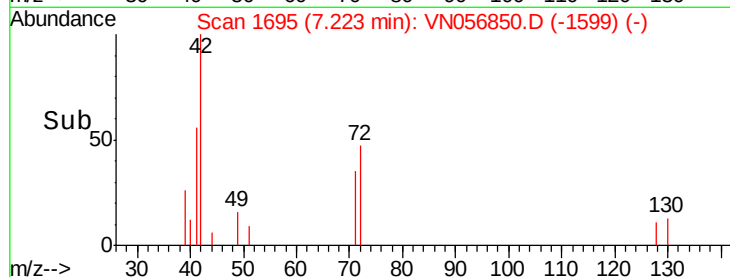
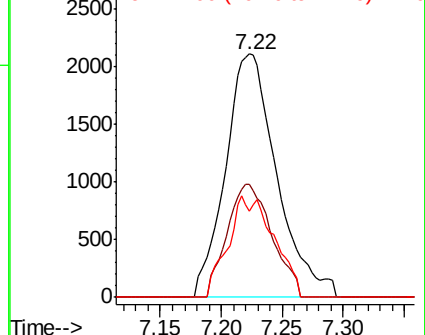
71 18.1 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.116 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056850.D

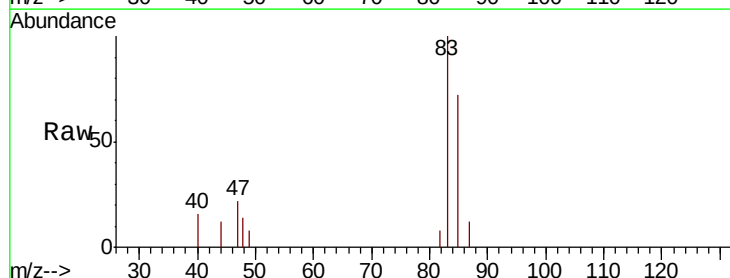
Acq: 22 Jul 2019 11:09

Tgt Ion: 83 Resp: 6746

Ion Ratio Lower Upper

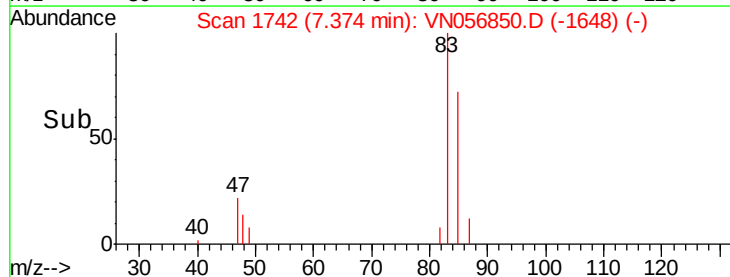
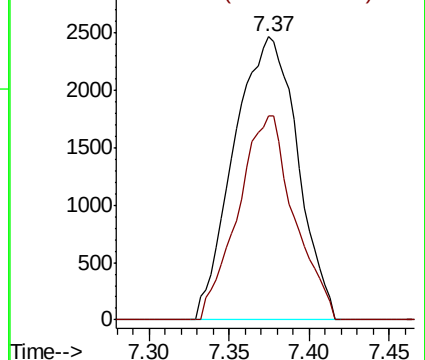
83 100

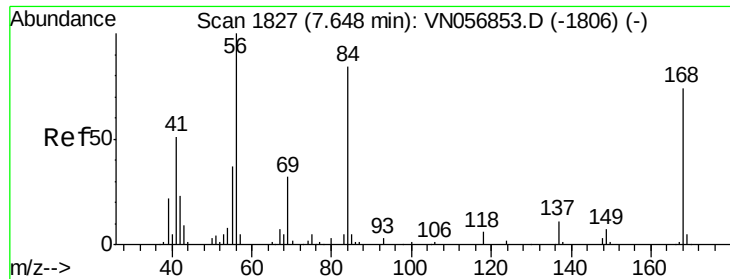
85 71.9 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

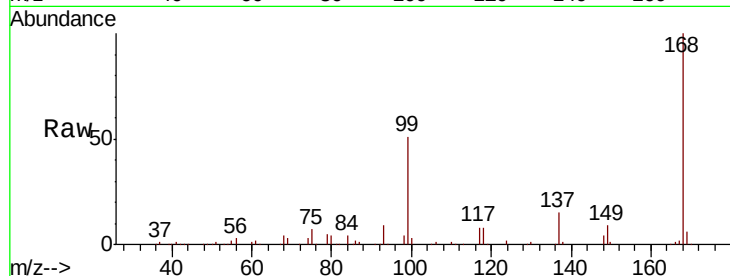




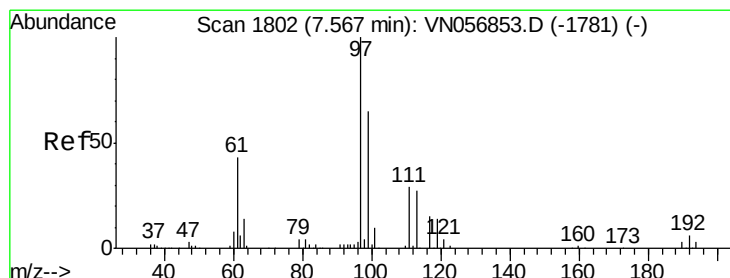
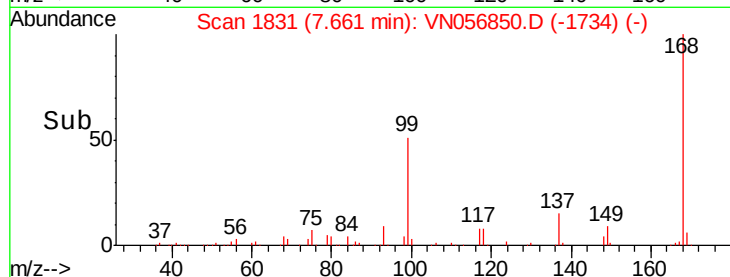
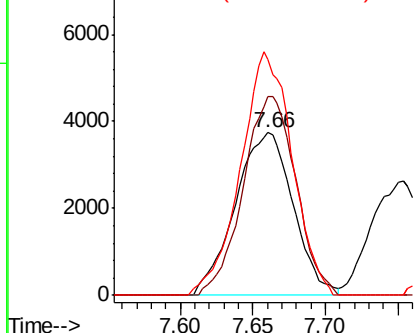
#31
Cyclohexane
Concen: 1.807 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 56 Resp: 10394
Ion Ratio Lower Upper
56 100
69 122.0 25.5 38.3#
84 144.8 67.3 100.9#

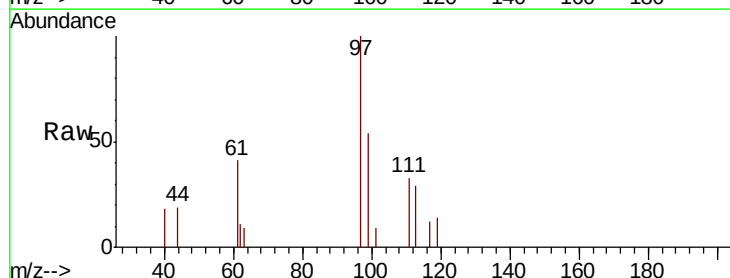


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

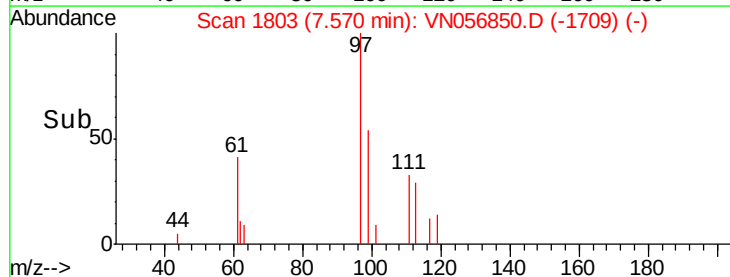
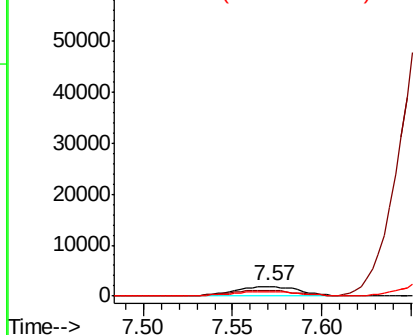


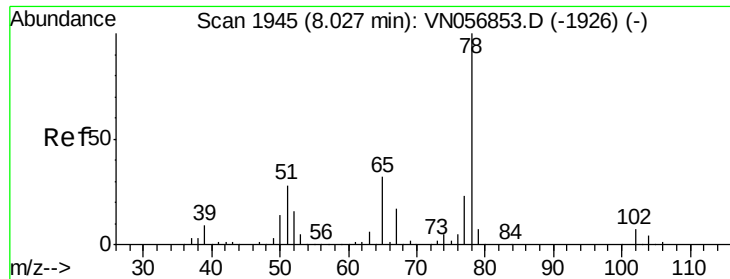
#32
1,1,1-Trichloroethane
Concen: 0.996 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 97 Resp: 4766
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1#
61 23.2 34.0 51.0#



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

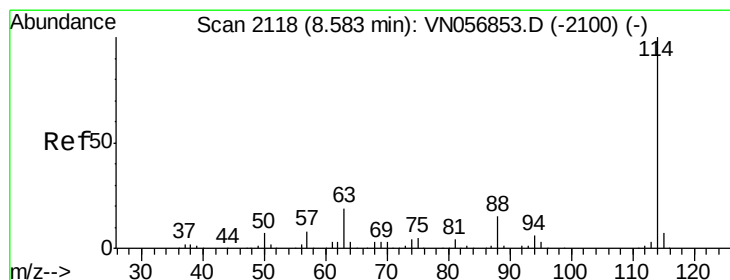
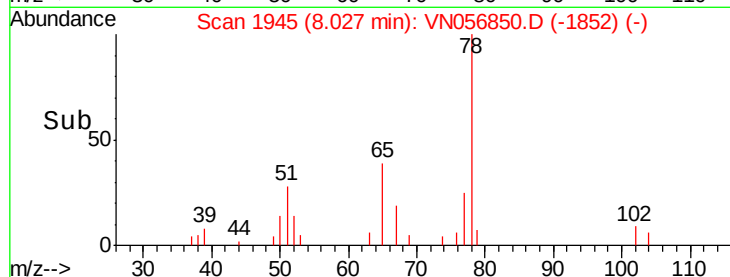
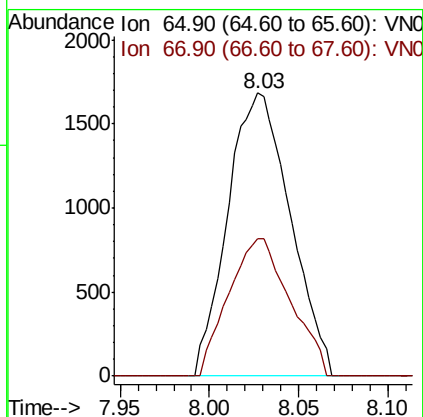
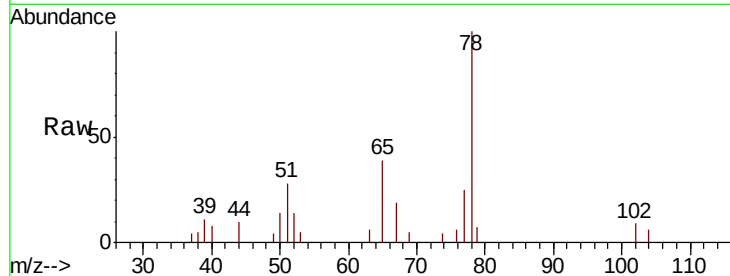




#33
 1,2-Dichloroethane-d4
 Concen: 1.167 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

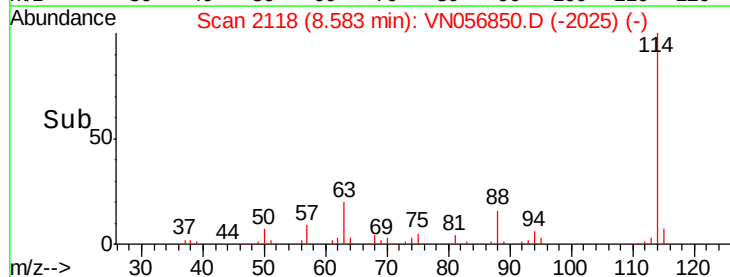
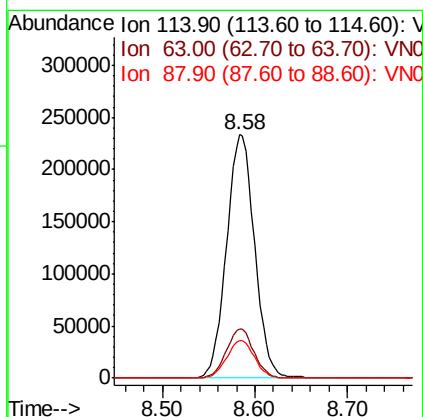
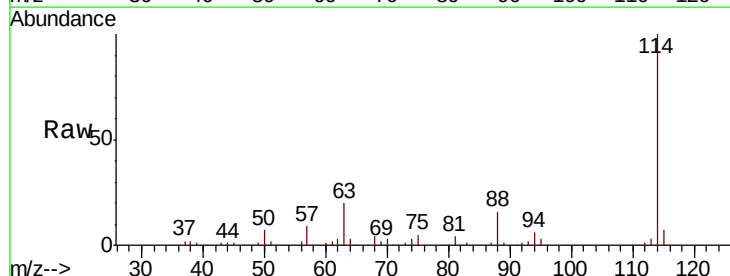
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

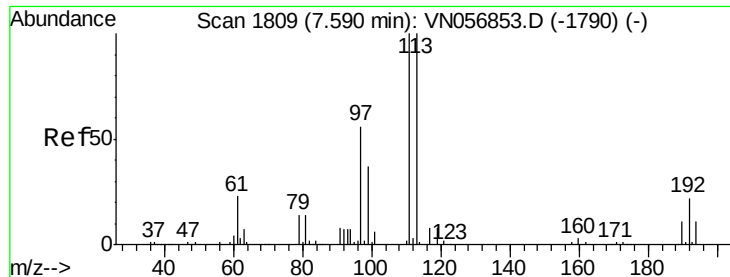
Tot Ion: 65 Resp: 4106
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 114 Resp: 489099
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 1.000 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

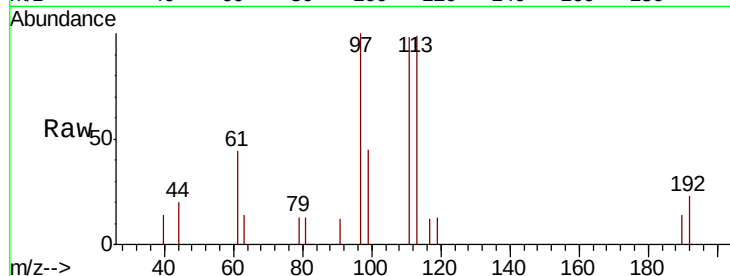
Tot Ion:113 Resp: 3054

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

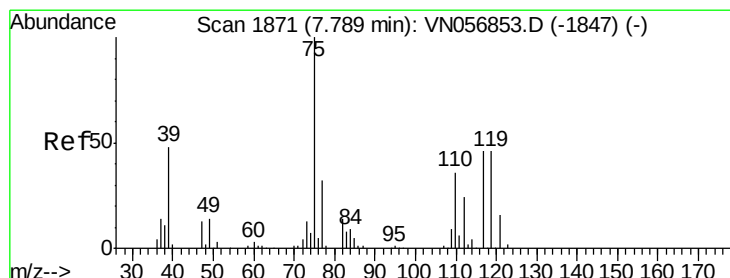
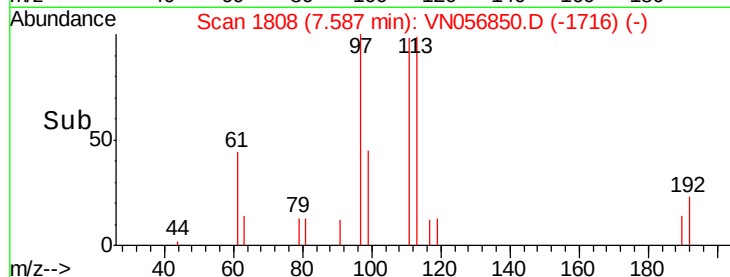
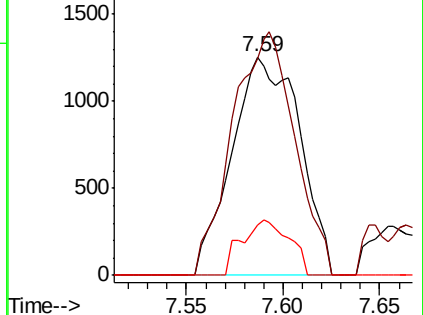
192 17.7 18.5 27.7#



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: 0.965 ug/l

RT: 7.79 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

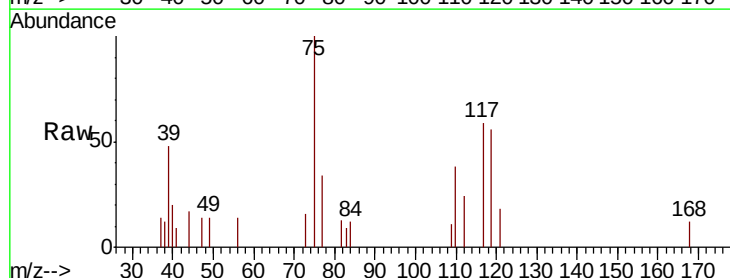
Tgt Ion: 75 Resp: 4429

Ion Ratio Lower Upper

75 100

110 31.9 17.9 53.7

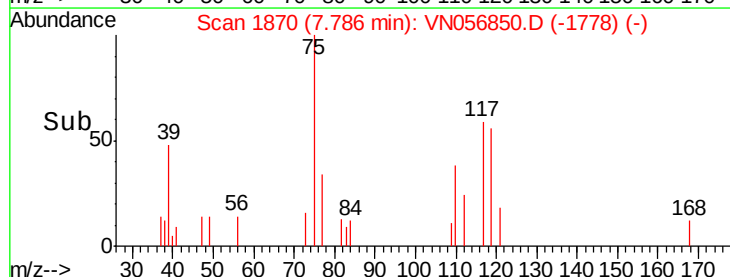
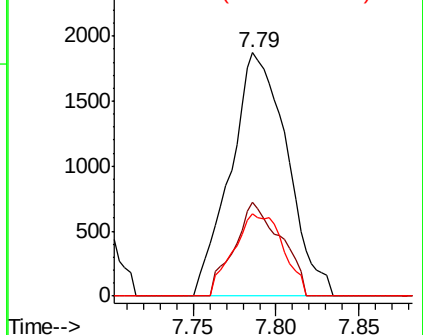
77 29.6 25.0 37.6

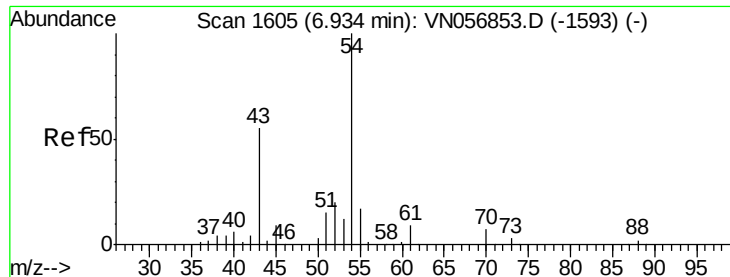


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

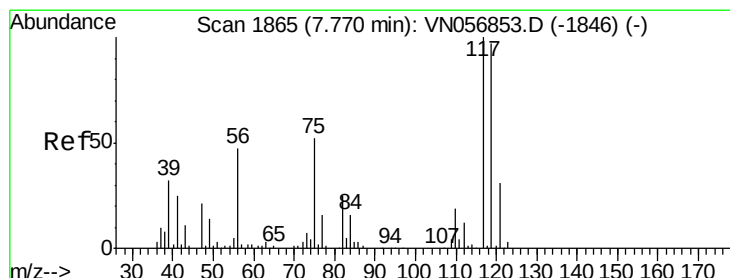
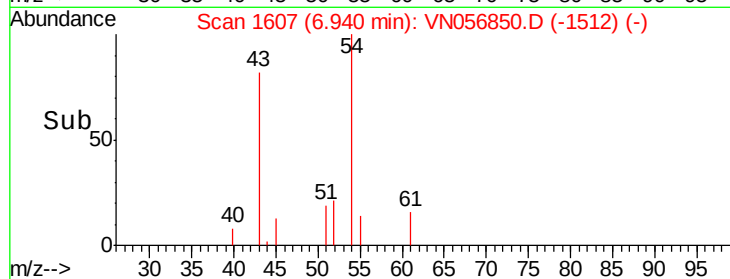
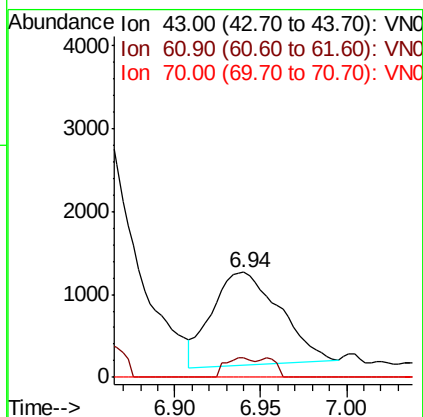
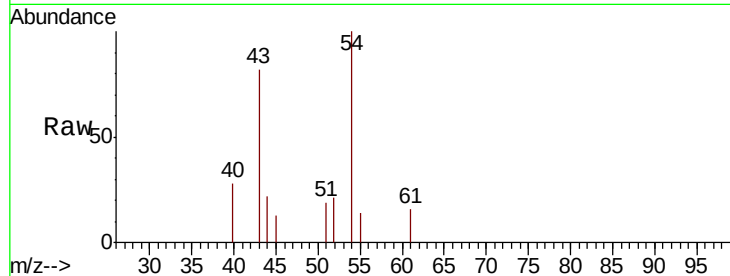




#37
Ethyl Acetate
Concen: 0.700 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

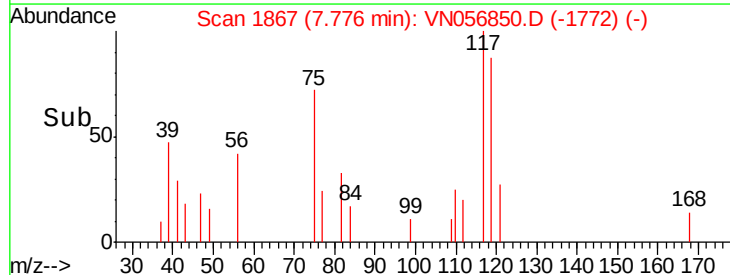
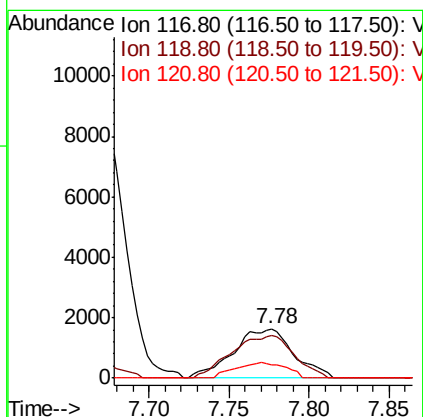
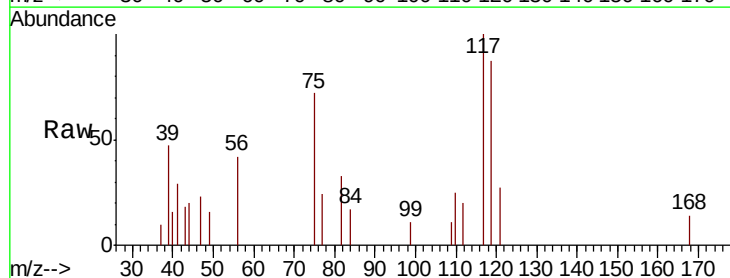
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

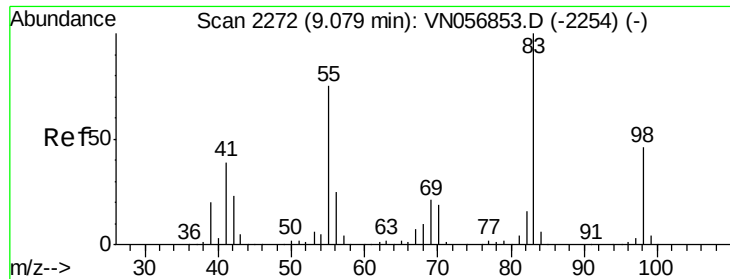
Tot Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
61 9.1 11.8 17.8#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 0.979 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 117 Resp: 4211
Ion Ratio Lower Upper
117 100
119 86.7 77.2 115.8
121 27.4 24.5 36.7

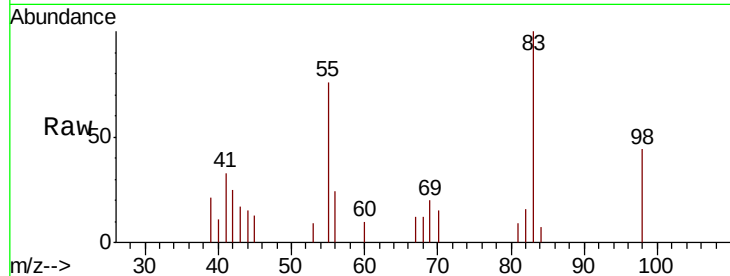




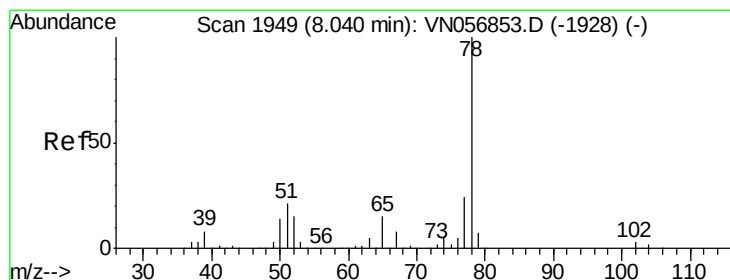
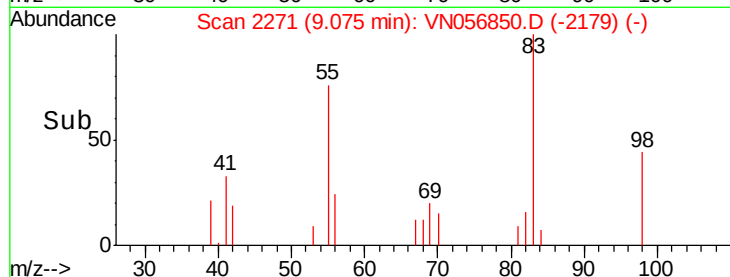
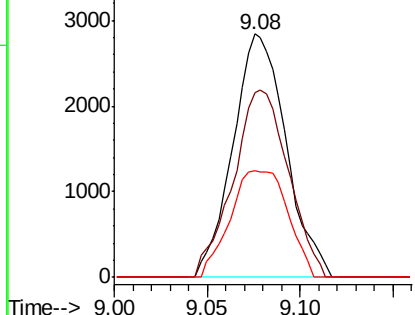
#39
Methylvlcyclohexane
Concen: 0.997 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 5645
Ion Ratio Lower Upper
83 100
55 76.1 59.8 89.8
98 43.7 37.1 55.7

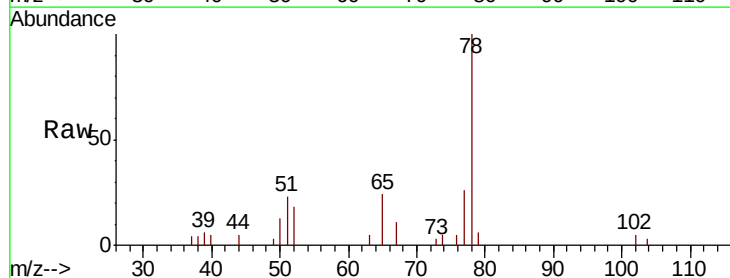


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

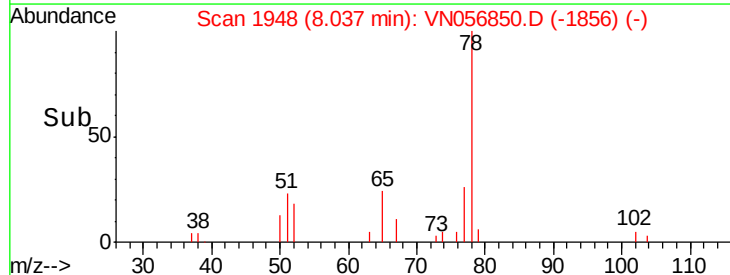
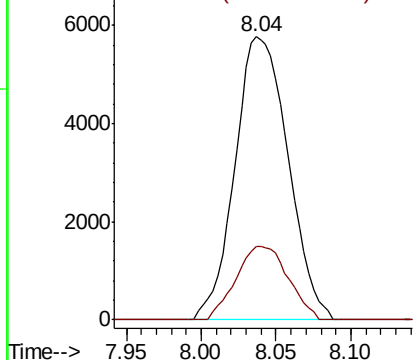


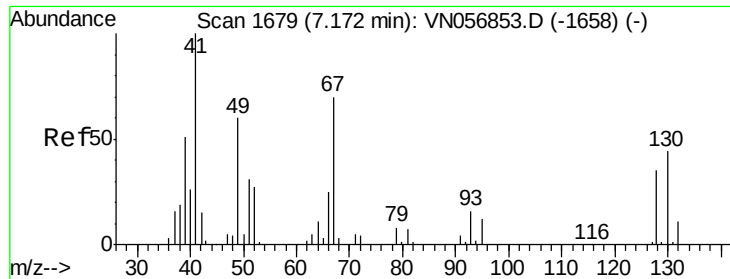
#40
Benzene
Concen: 1.013 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 78 Resp: 14239
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7



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





#41

Methacrylonitrile

Concen: 0.862 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 1676

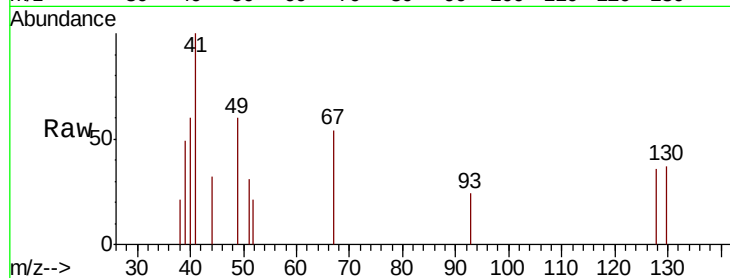
Ion Ratio Lower Upper

41 100

39 53.8 44.0 66.0

67 54.5 73.5 110.3#

52 16.8 28.6 43.0#

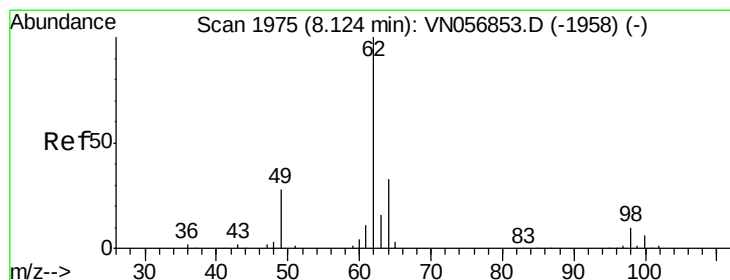
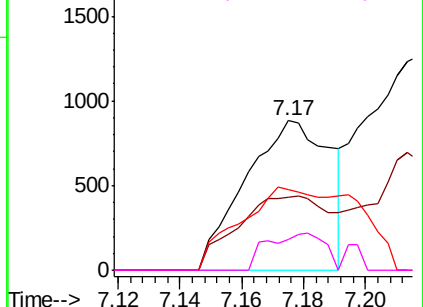
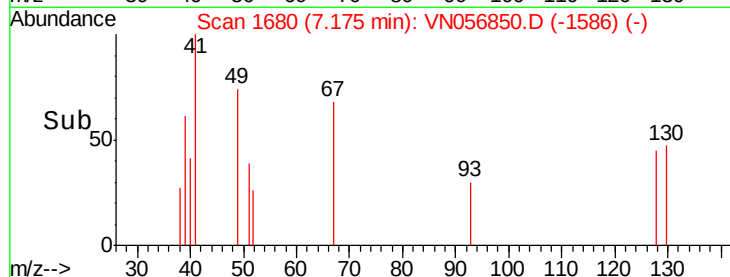


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 1.007 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN056850.D

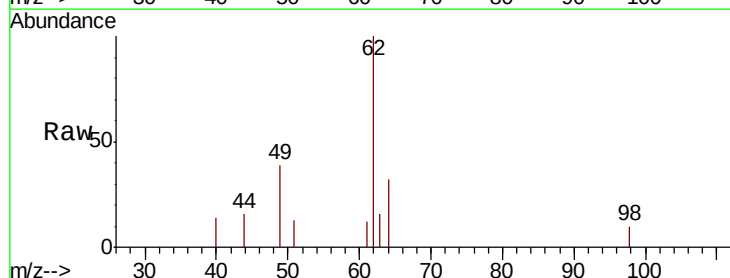
Acq: 22 Jul 2019 11:09

Tgt Ion: 62 Resp: 4459

Ion Ratio Lower Upper

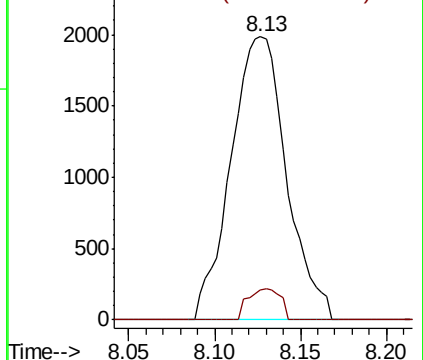
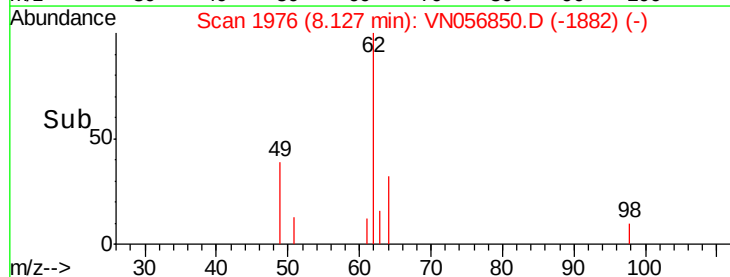
62 100

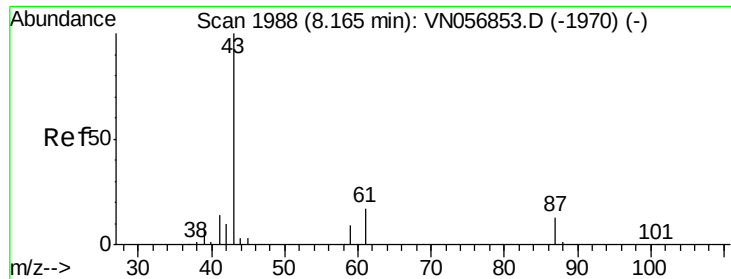
98 6.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 0.910 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

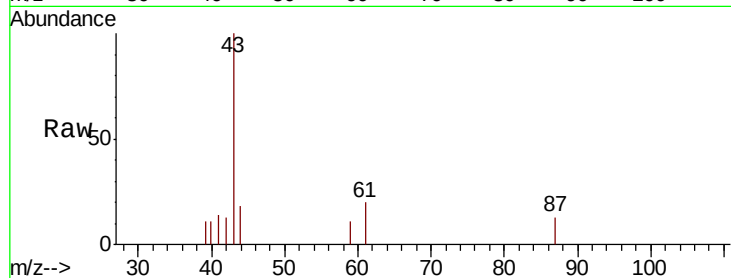
Tot Ion: 43 Resp: 6300

Ion Ratio Lower Upper

43 100

61 19.2 17.8 26.6

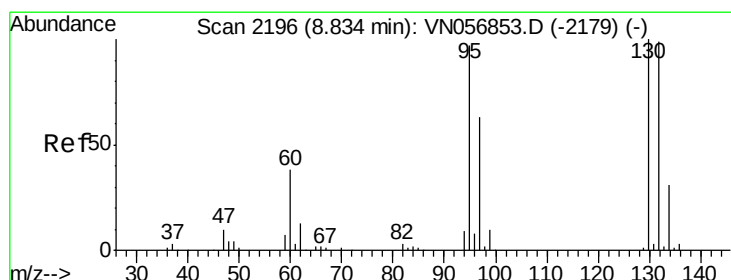
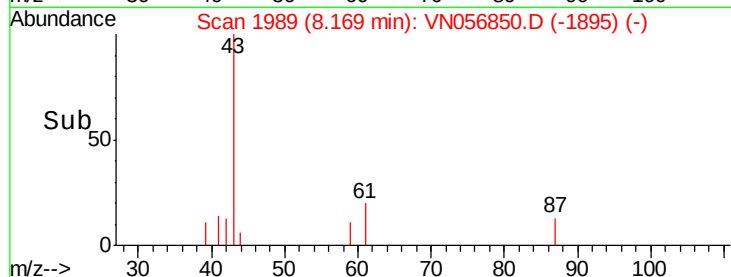
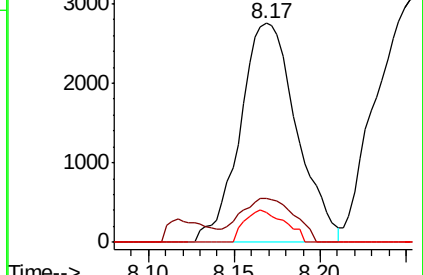
87 10.3 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN056850.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN056850.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN056850.D (-2103) (-)



#44

Trichloroethene

Concen: 0.998 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056850.D

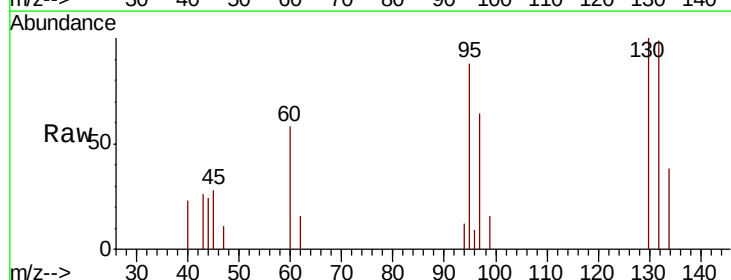
Acq: 22 Jul 2019 11:09

Tgt Ion:130 Resp: 3814

Ion Ratio Lower Upper

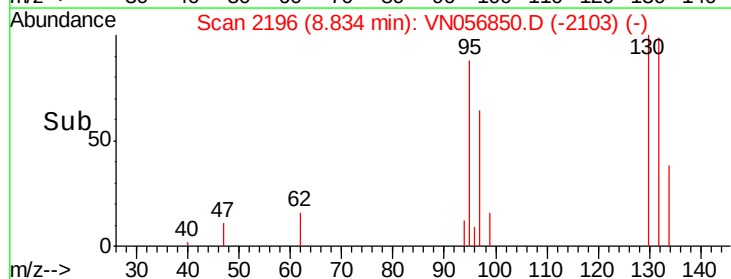
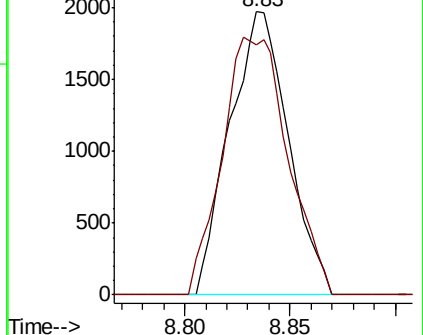
130 100

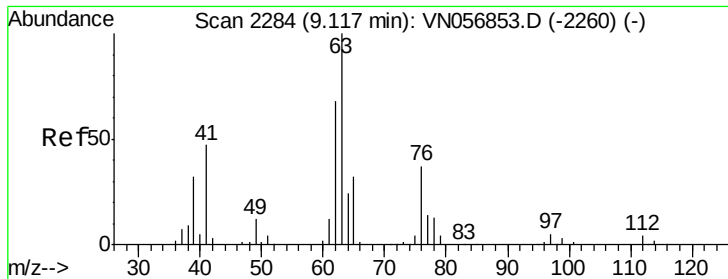
95 88.2 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VN056850.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056850.D (-2103) (-)

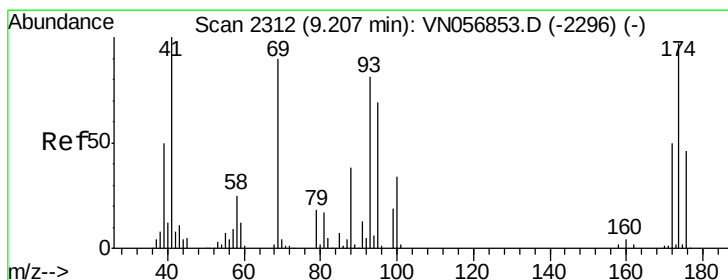
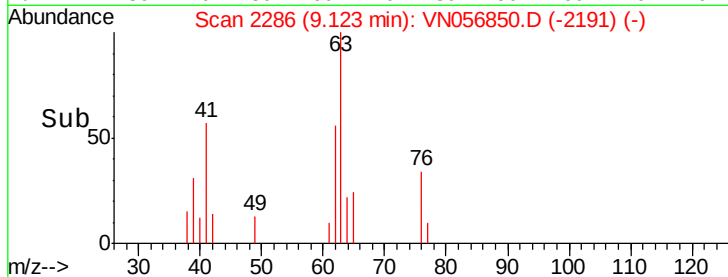
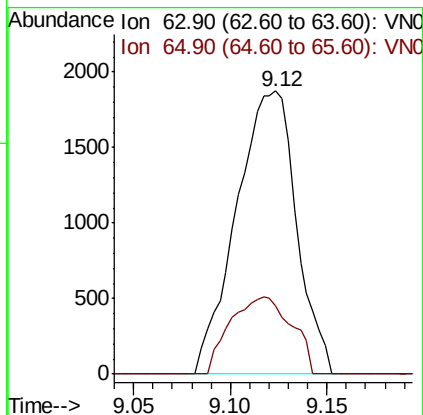
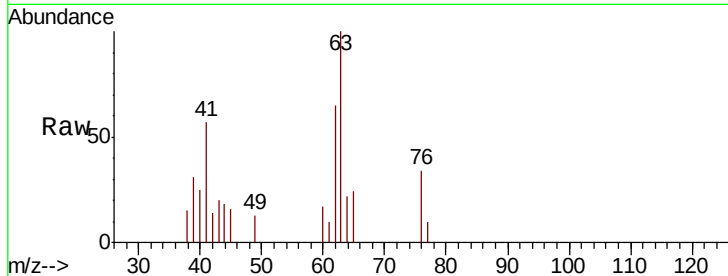




#45
 1,2-Dichloropropane
 Concen: 1.087 ug/l
 RT: 9.12 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

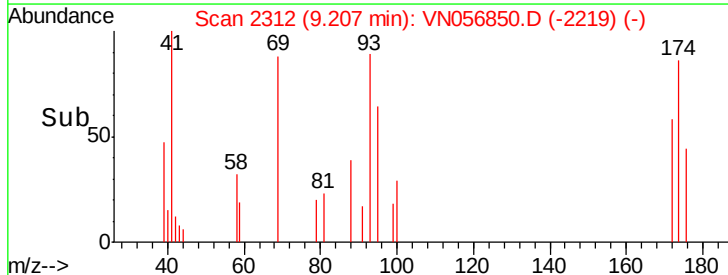
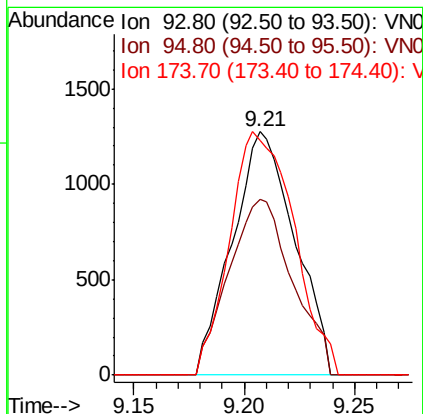
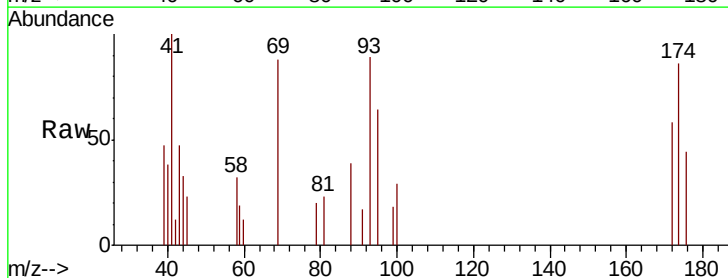
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

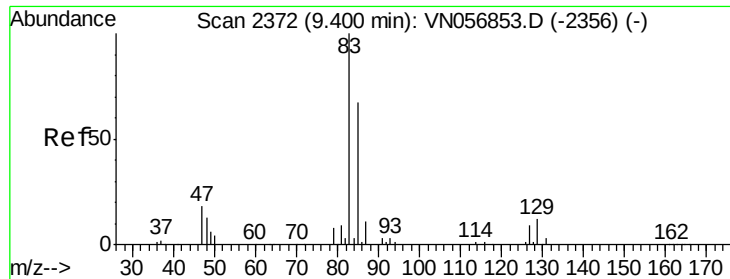
Tot Ion: 63 Resp: 4049
 Ion Ratio Lower Upper
 63 100
 65 24.1 25.4 38.0#



#46
 Dibromomethane
 Concen: 1.085 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 93 Resp: 2498
 Ion Ratio Lower Upper
 93 100
 95 74.1 67.4 101.0
 174 103.2 92.9 139.3

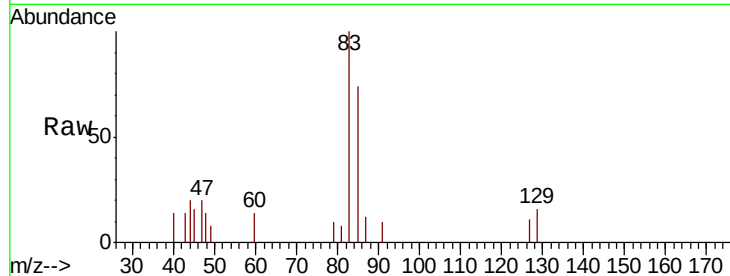




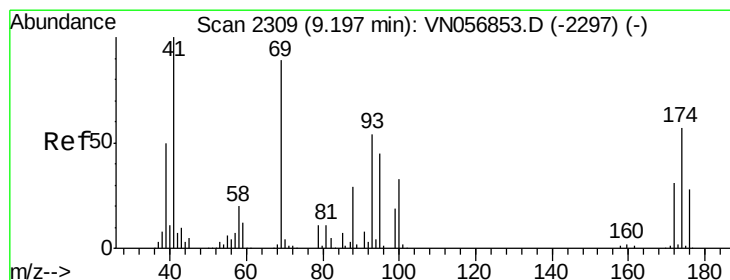
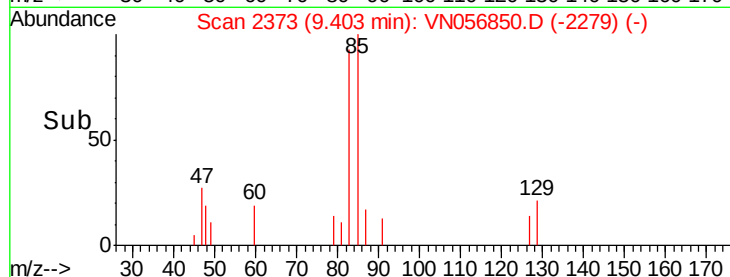
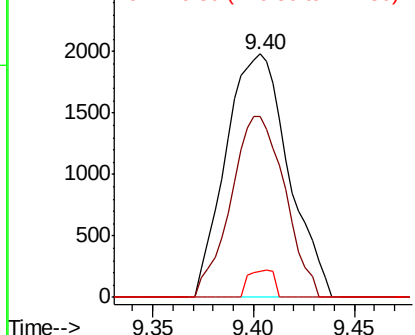
#47
Bromodichloromethane
Concen: 0.975 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 83 Resp: 4277
Ion Ratio Lower Upper
83 100
85 74.5 53.4 80.2
127 10.8 7.2 10.8

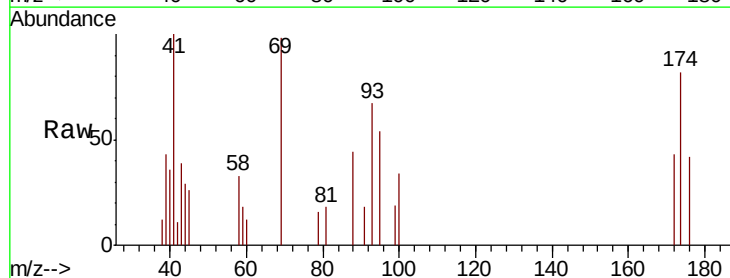


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

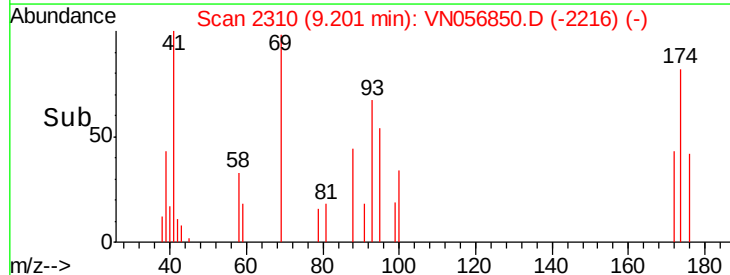
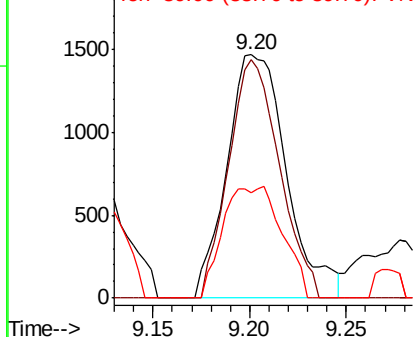


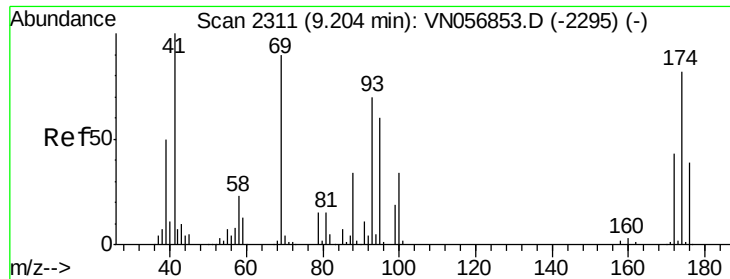
#48
Methyl methacrylate
Concen: 0.935 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 41 Resp: 3148
Ion Ratio Lower Upper
41 100
69 83.7 71.1 106.7
39 23.5 40.6 60.8#



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

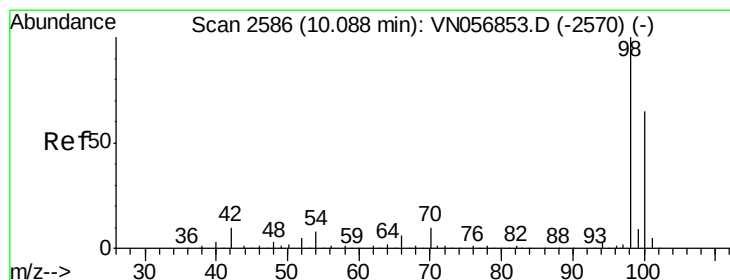
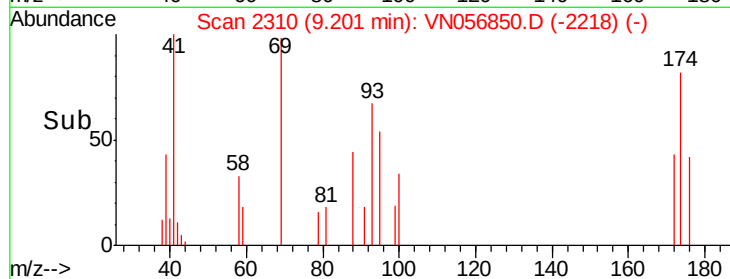
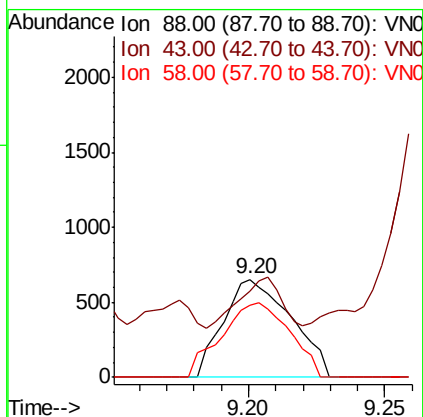
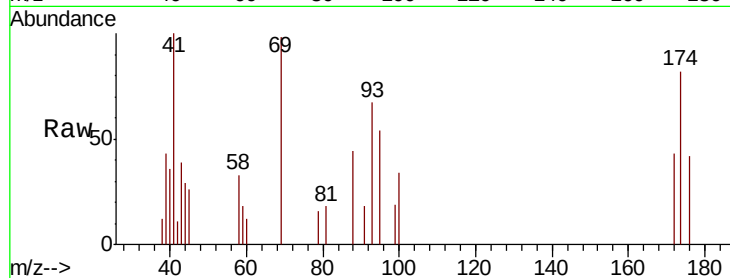




#49
1,4-Dioxane
Concen: 16.189 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

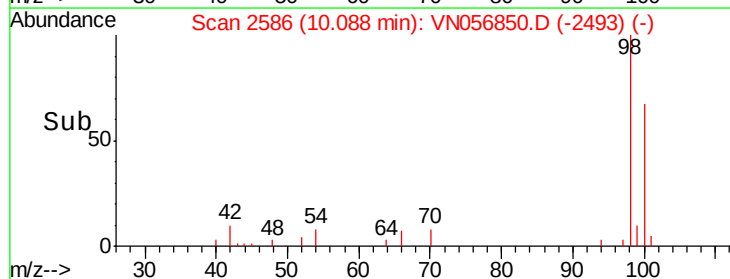
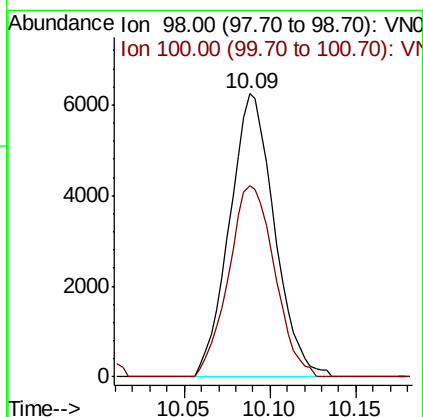
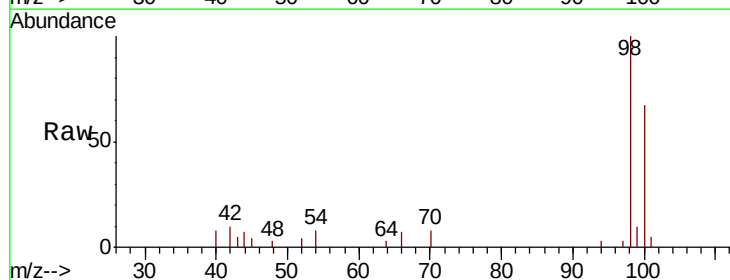
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

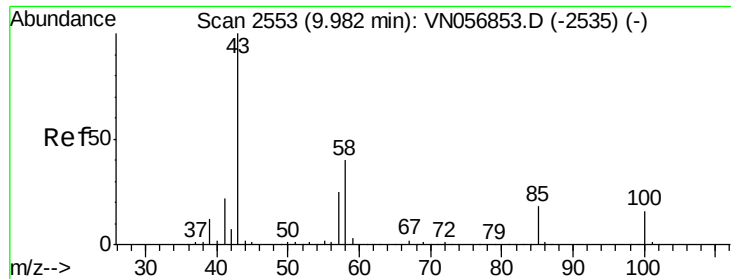
Tot Ion: 88 Resp: 1126
Ion Ratio Lower Upper
88 100
43 30.8 21.4 32.2
58 76.3 55.7 83.5



#50
Toluene-d8
Concen: 0.961 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 98 Resp: 11326
Ion Ratio Lower Upper
98 100
100 69.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 4.001 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

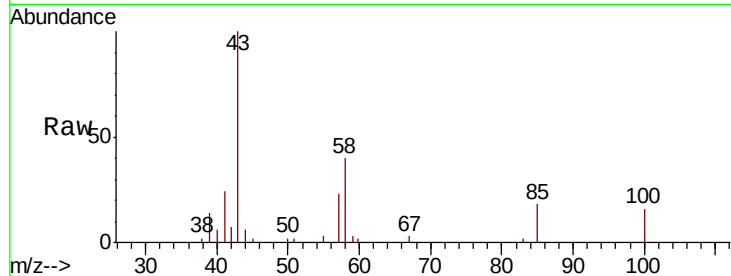
VSTDIC001

Tot Ion: 43 Resp: 17792

Ion Ratio Lower Upper

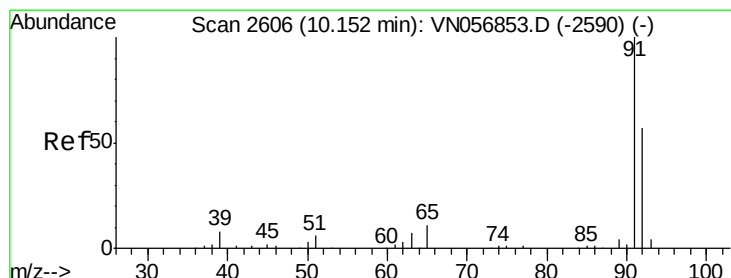
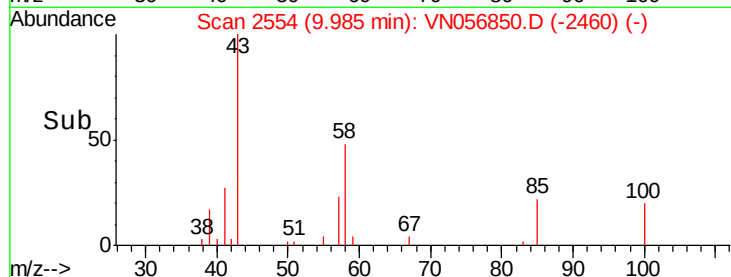
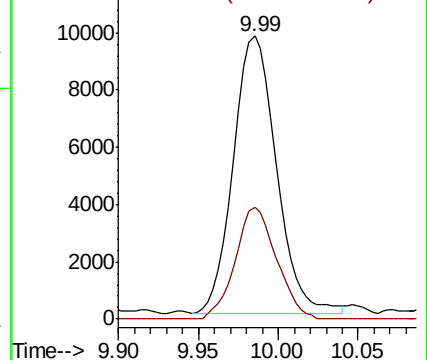
43 100

58 38.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.943 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056850.D

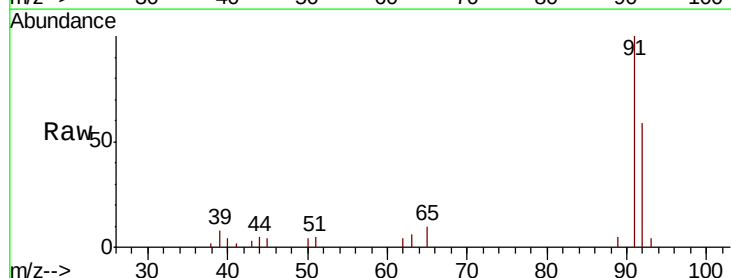
Acq: 22 Jul 2019 11:09

Tgt Ion: 92 Resp: 7885

Ion Ratio Lower Upper

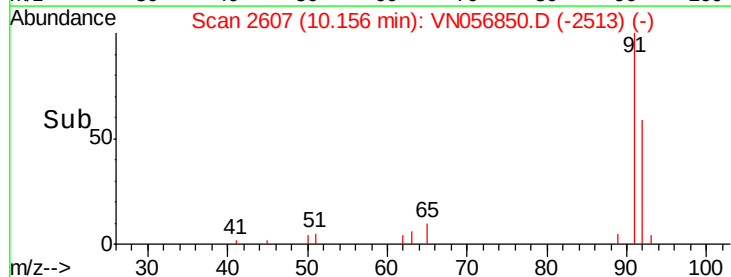
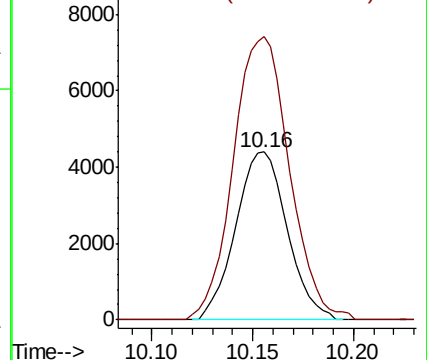
92 100

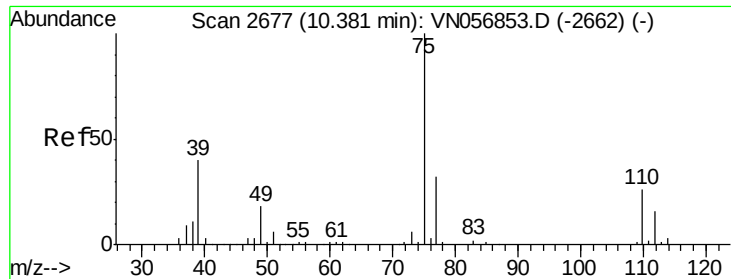
91 183.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

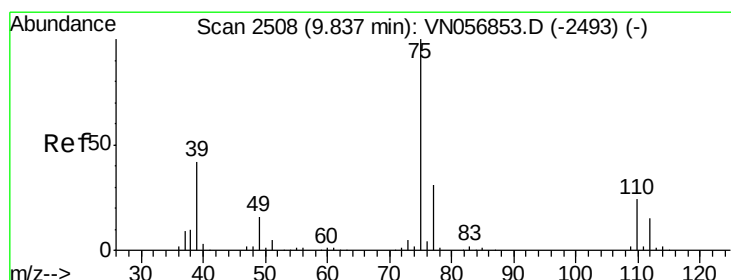
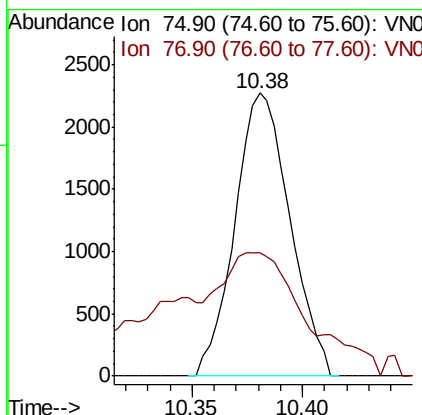
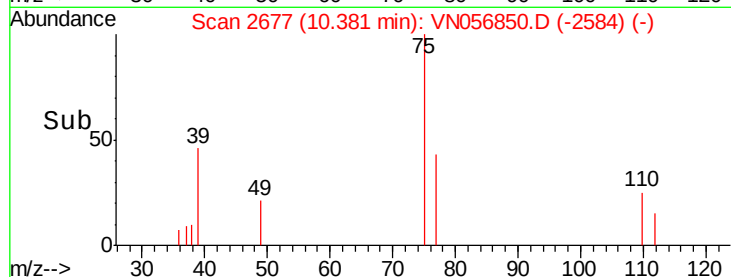
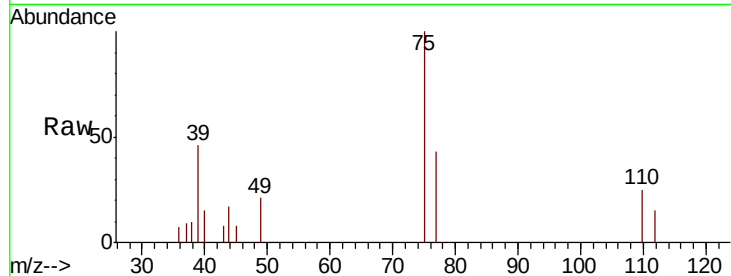




#53
t-1,3-Dichloropropene
Concen: 0.865 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

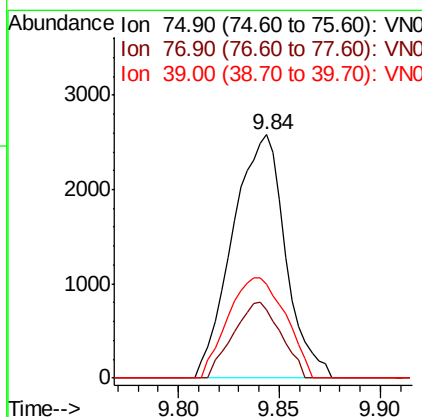
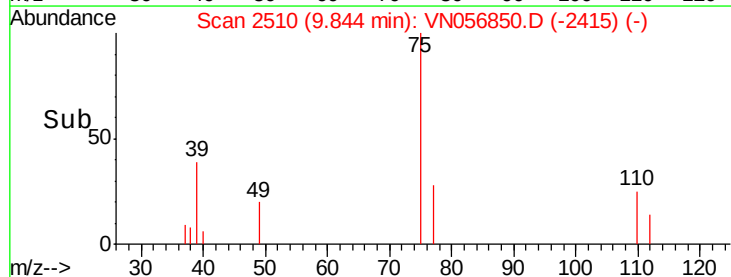
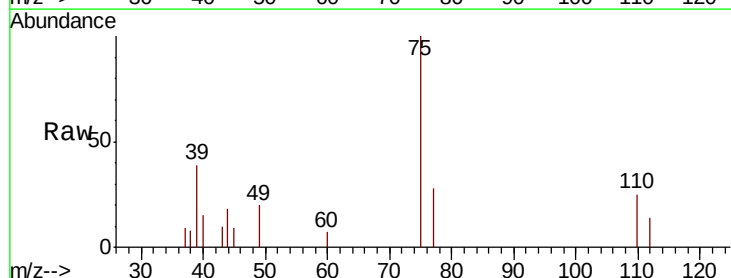
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

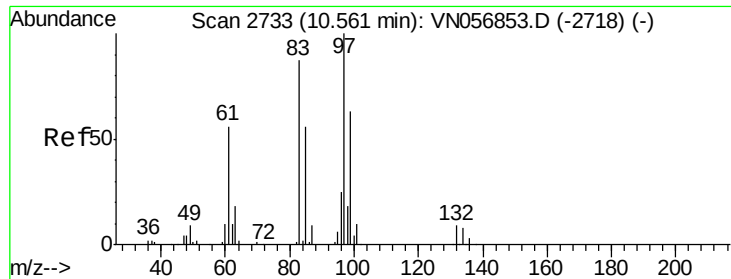
Tot Ion: 75 Resp: 3944
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 0.893 ug/l
RT: 9.84 min Scan# 2510
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 75 Resp: 4739
Ion Ratio Lower Upper
75 100
77 27.9 25.1 37.7
39 38.6 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 0.970 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 3370

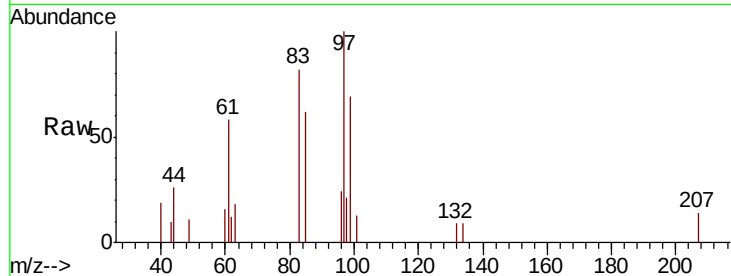
Ion Ratio Lower Upper

97 100

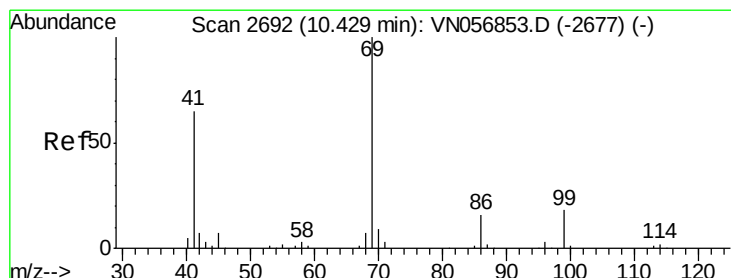
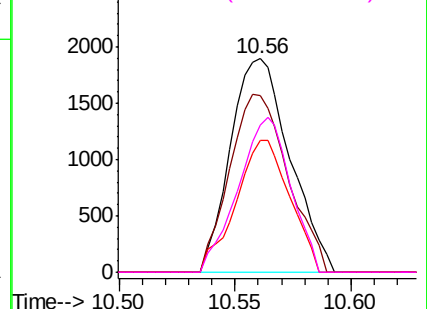
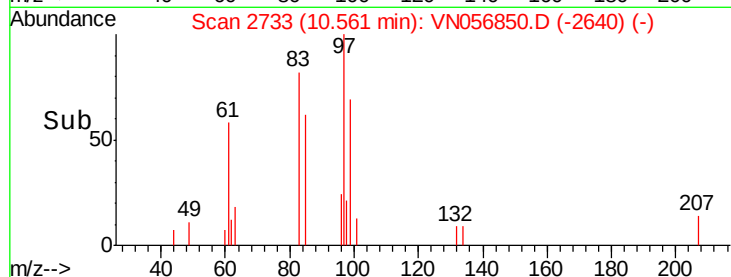
83 82.4 70.0 105.0

85 61.8 45.1 67.7

99 69.1 50.2 75.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 0.788 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

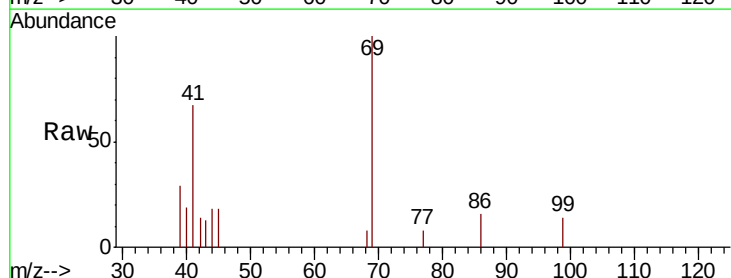
Tgt Ion: 69 Resp: 3893

Ion Ratio Lower Upper

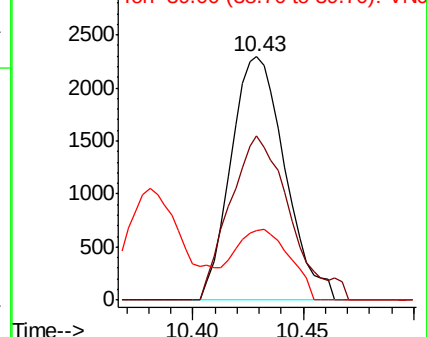
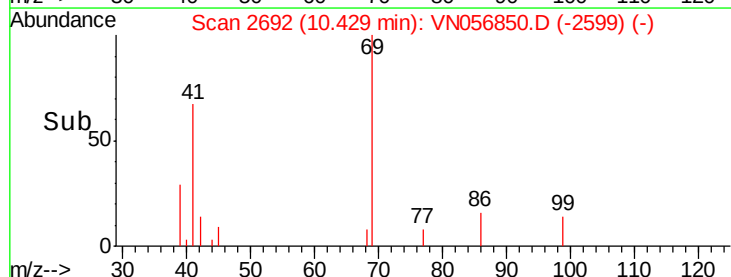
69 100

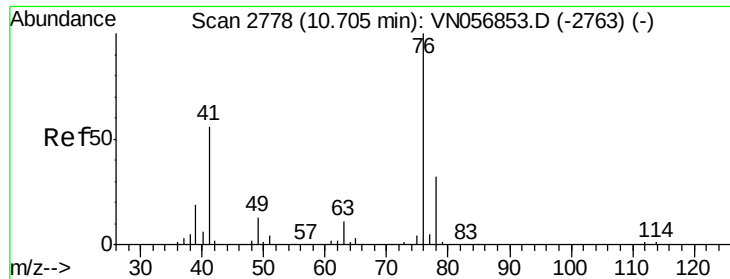
41 74.8 51.0 76.6

39 29.4 24.5 36.7



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





#57

1,3-Dichloropropane

Concen: 0.955 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

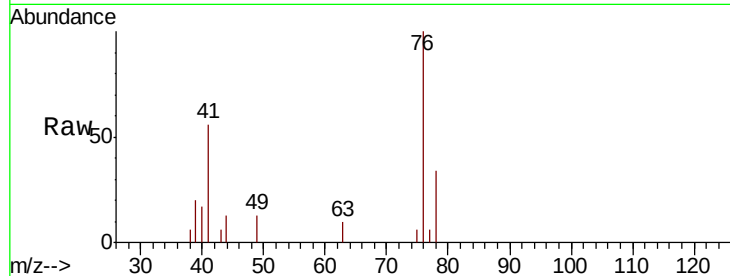
VSTDIC001

Tot Ion: 76 Resp: 5425

Ion Ratio Lower Upper

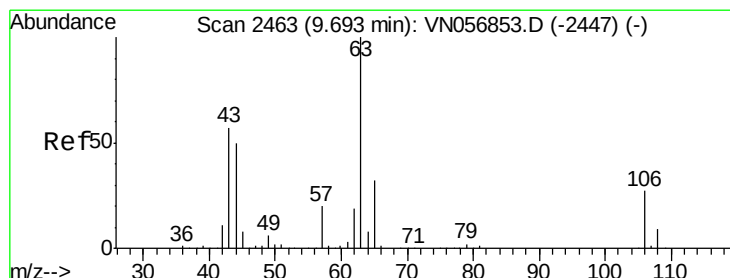
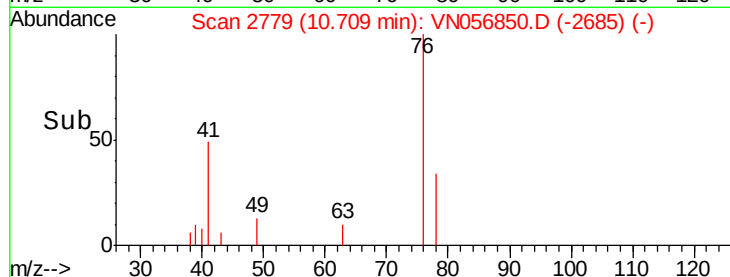
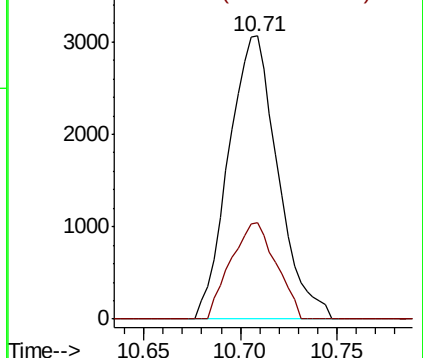
76 100

78 31.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 2.920 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056850.D

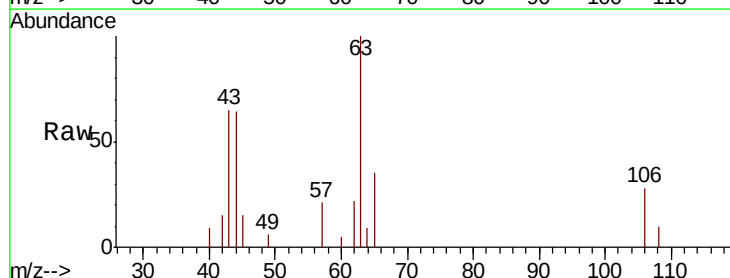
Acq: 22 Jul 2019 11:09

Tgt Ion: 63 Resp: 6796

Ion Ratio Lower Upper

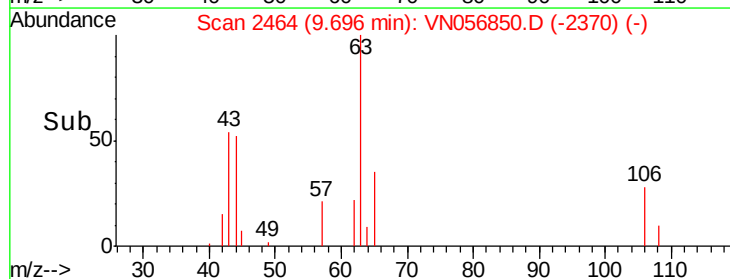
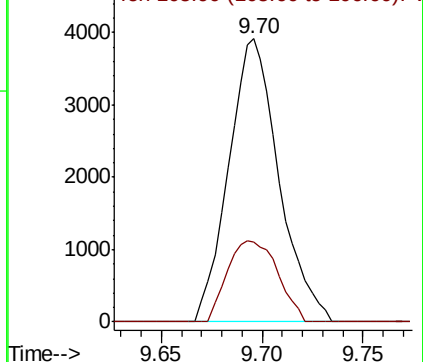
63 100

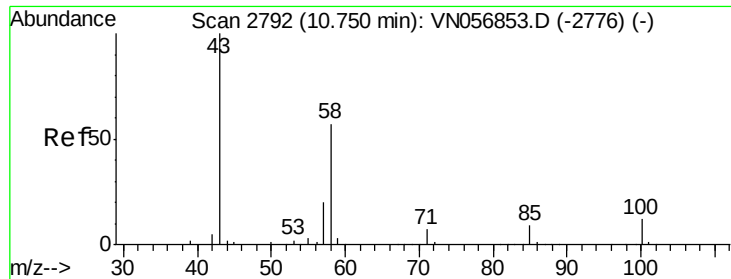
106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

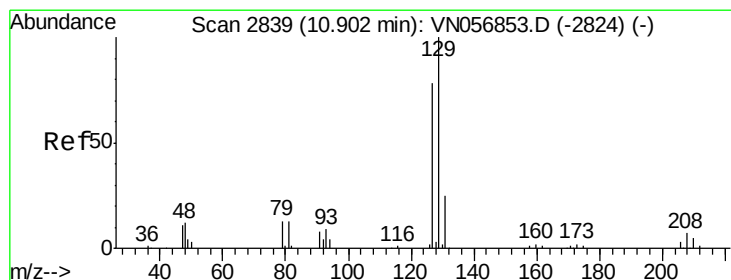
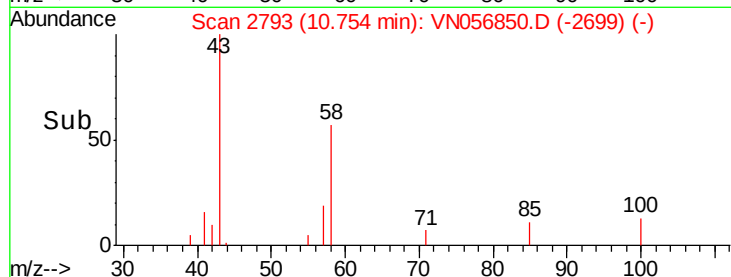
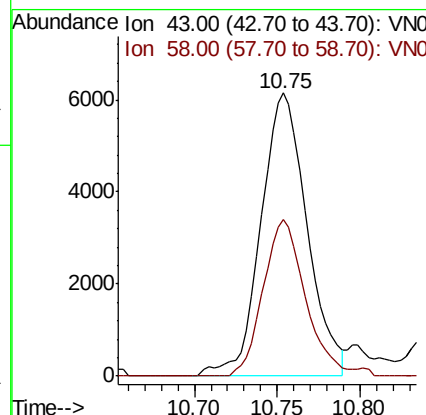
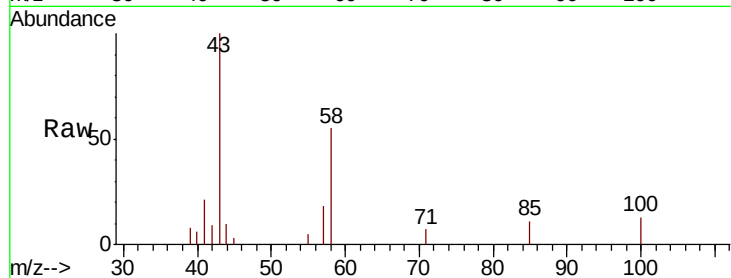




#59
2-Hexanone
Concen: 3.772 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

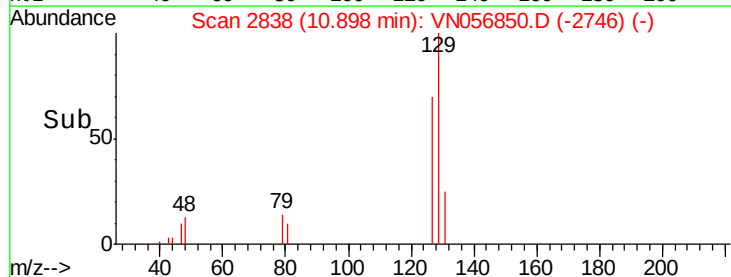
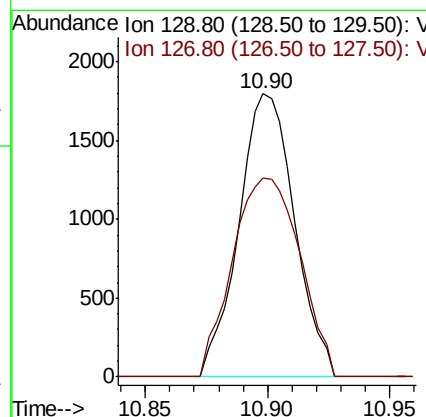
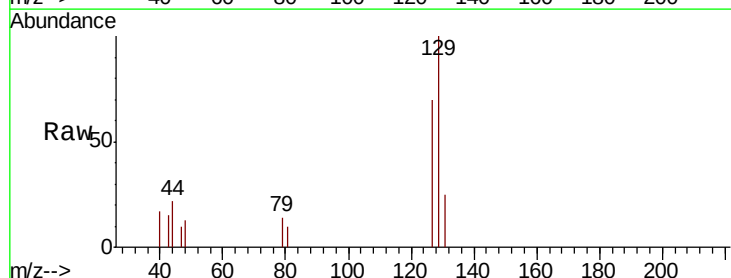
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

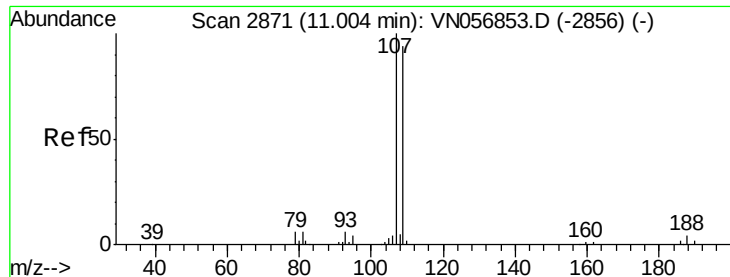
Tot Ion: 43.00 Resp: 11920
Ion Ratio Lower Upper
43 100
58 50.4 28.3 85.0



#60
Dibromochloromethane
Concen: 0.831 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 129 Resp: 2843
Ion Ratio Lower Upper
129 100
127 85.1 38.5 115.5

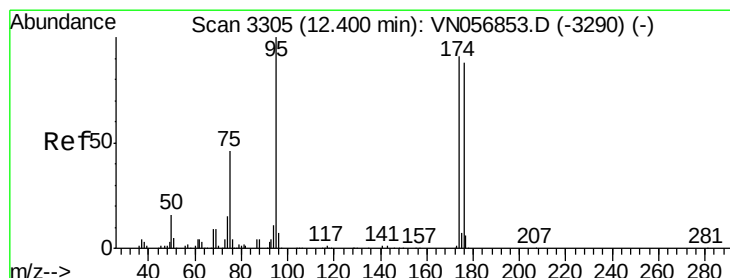
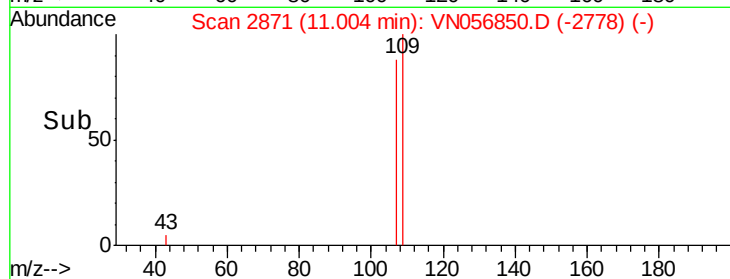
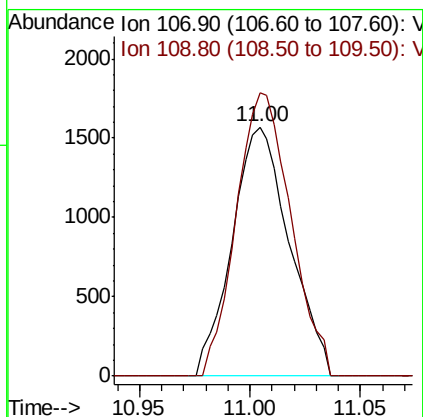
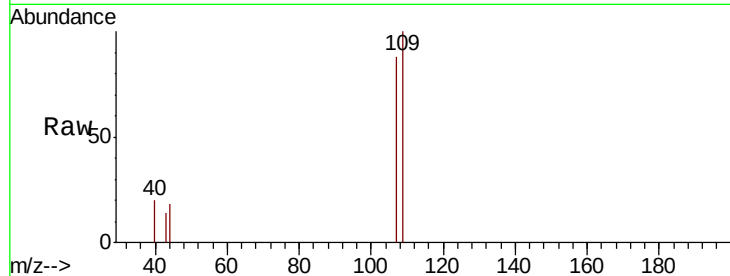




#61
 1,2-Dibromoethane
 Concen: 0.821 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

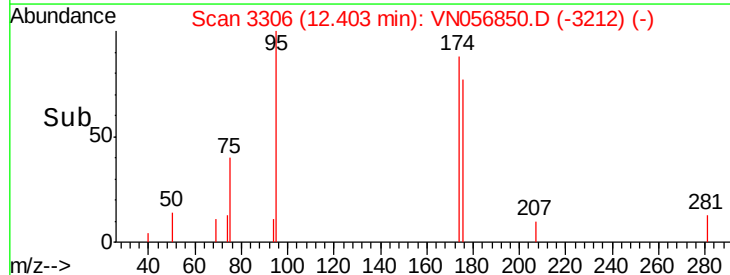
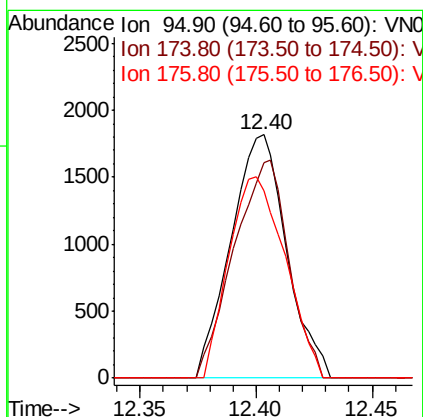
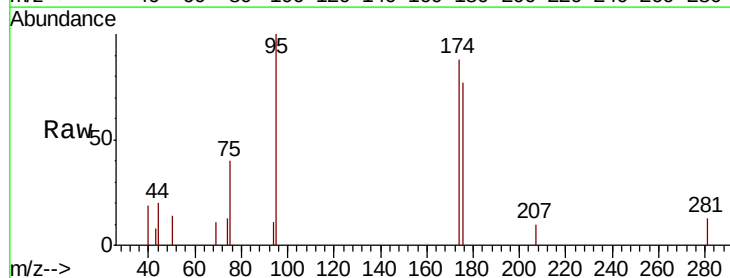
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

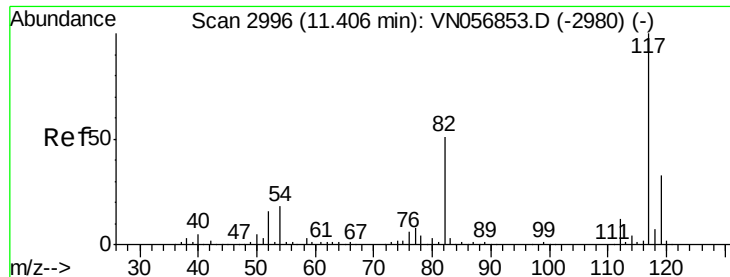
Tot Ion: 107 Resp: 2838
 Ion Ratio Lower Upper
 107 100
 109 108.4 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 0.767 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 95 Resp: 3032
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 183.4
 176 83.5 0.0 175.8

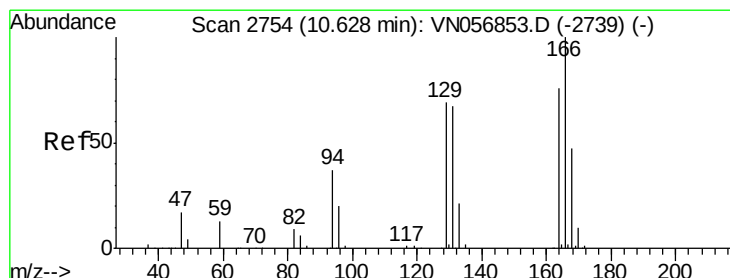
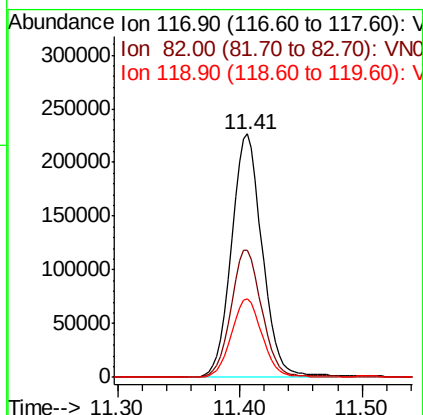
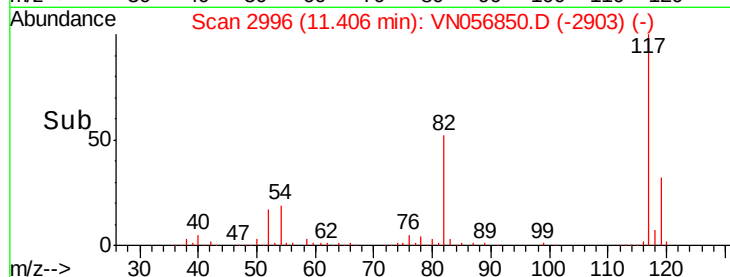
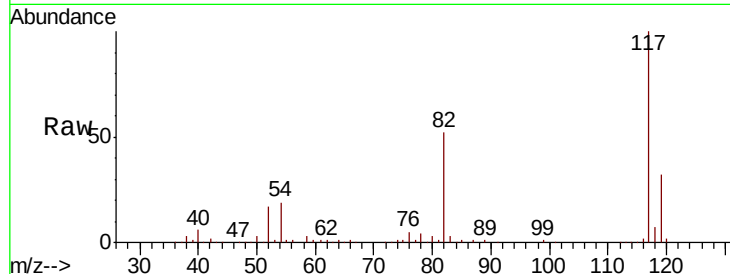




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

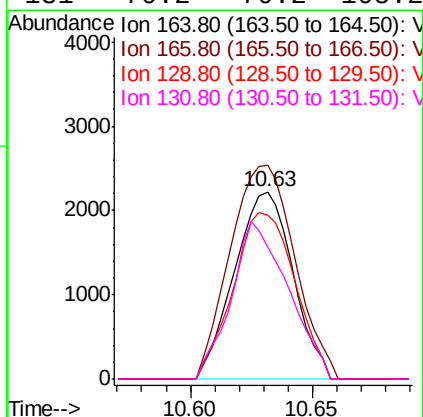
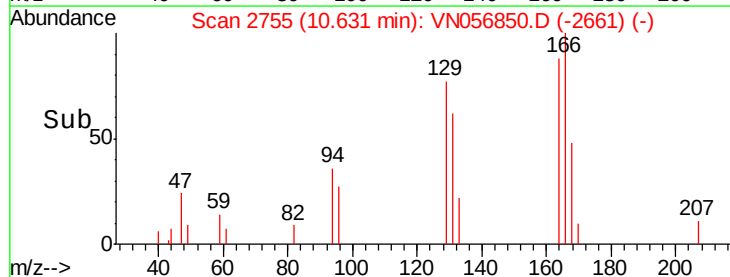
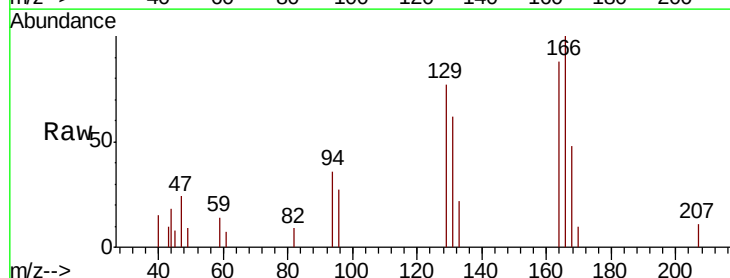
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

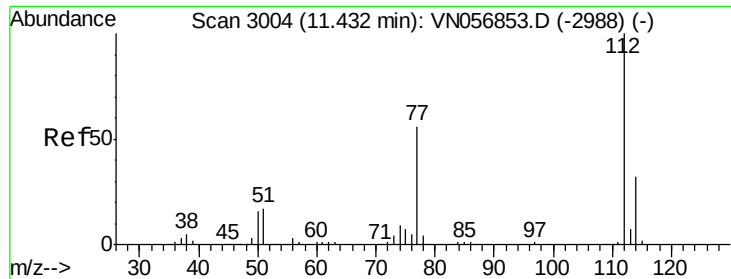
Tot Ion:117 Resp: 397139
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 1.063 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion:164 Resp: 3694
Ion Ratio Lower Upper
164 100
166 114.1 104.9 157.3
129 87.8 72.8 109.2
131 70.2 70.2 105.2

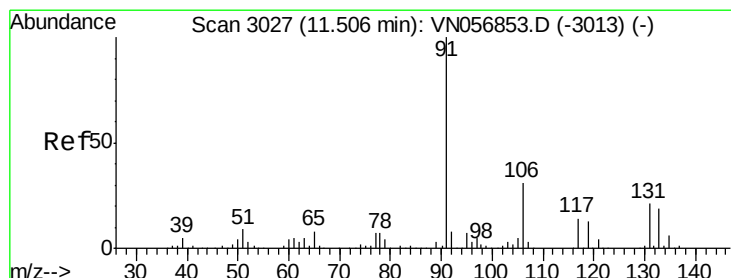
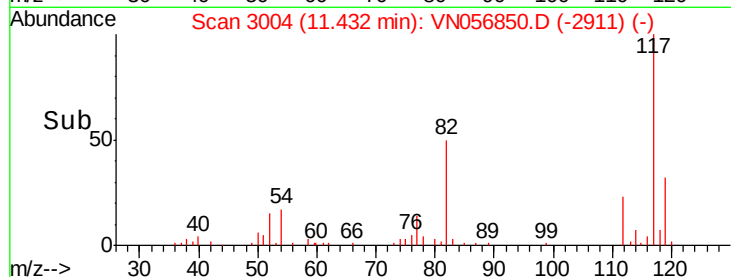
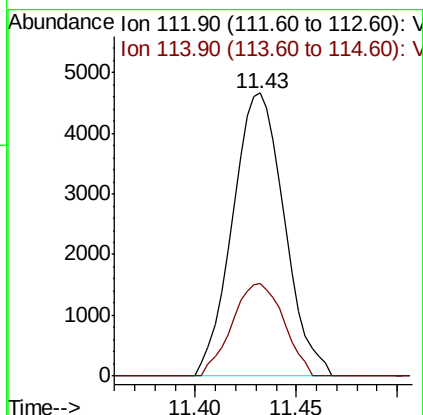
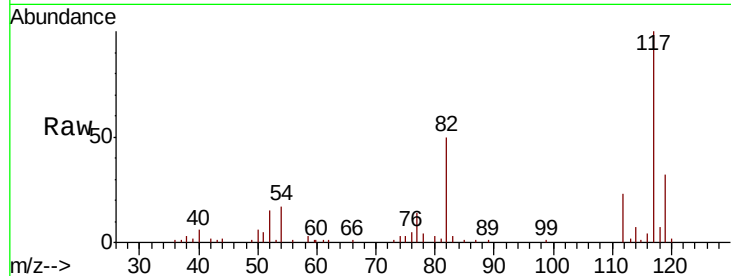




#65
Chlorobenzene
Concen: 1.018 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

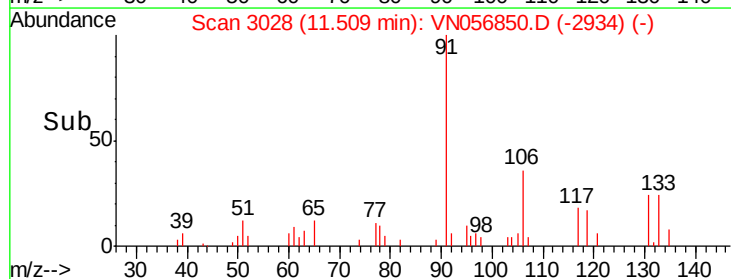
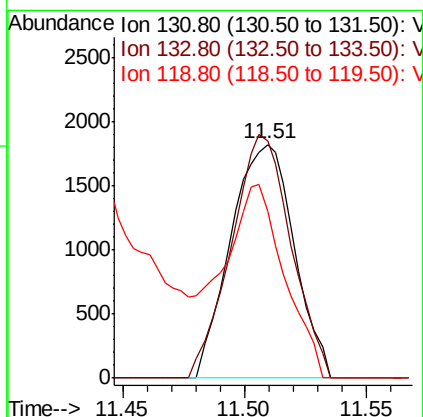
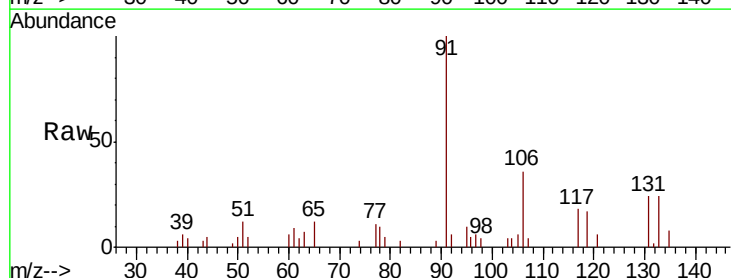
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

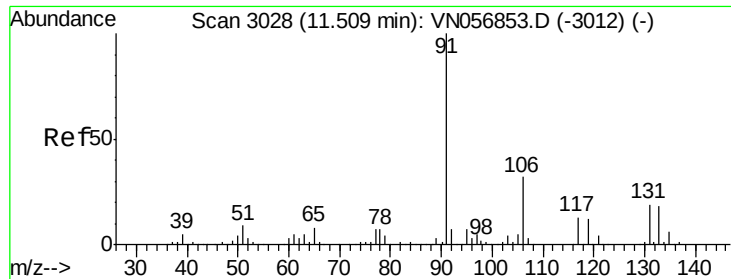
Tot Ion:112 Resp: 8377
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 1.082 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion:131 Resp: 3276
Ion Ratio Lower Upper
131 100
133 98.2 47.4 142.3
119 0.0 33.1 99.5#

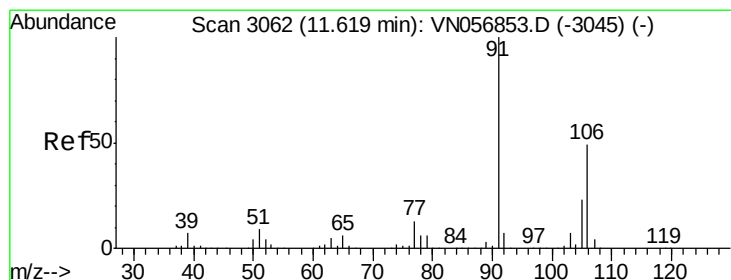
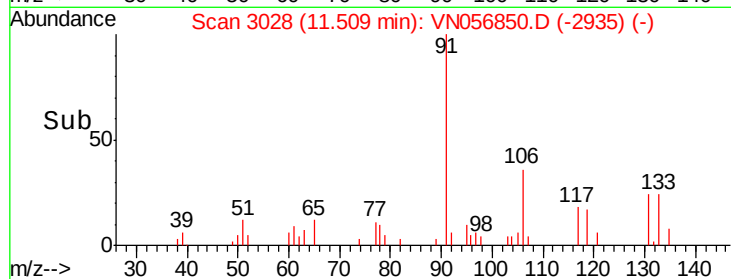
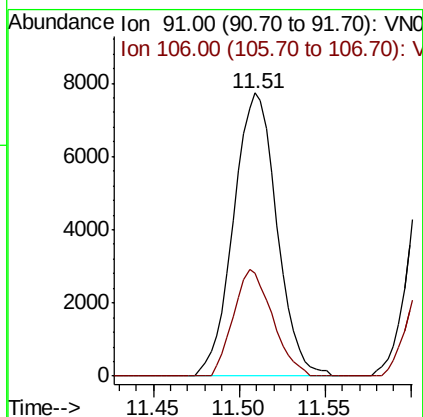
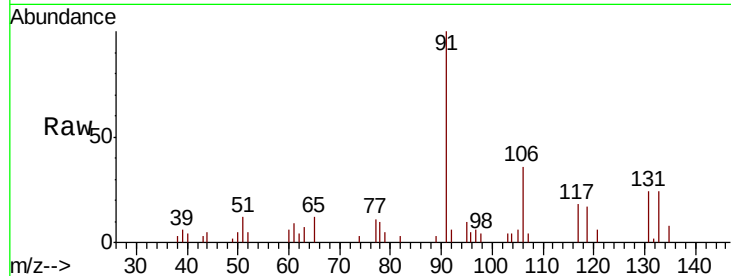




#67
Ethyl Benzene
Concen: 0.937 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

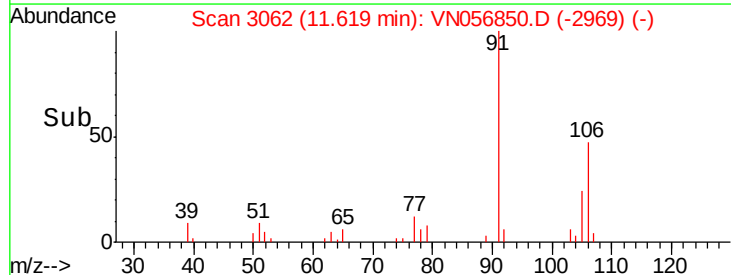
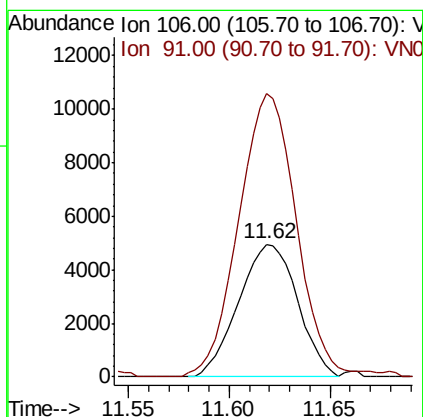
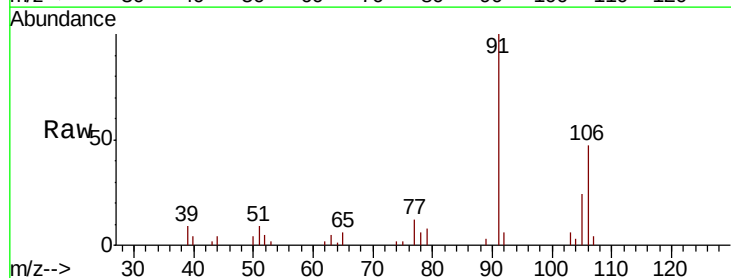
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

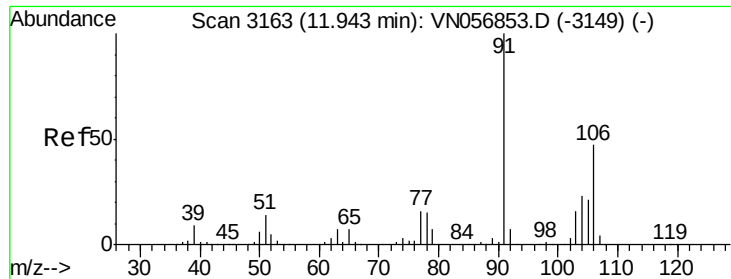
Tot Ion: 91 Resp: 13521
Ion Ratio Lower Upper
91 100
106 36.3 25.3 37.9



#68
m/p-Xylenes
Concen: 1.870 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 106 Resp: 10085
Ion Ratio Lower Upper
106 100
91 211.3 160.5 240.7

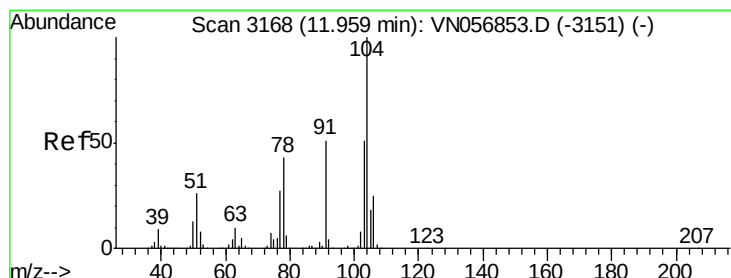
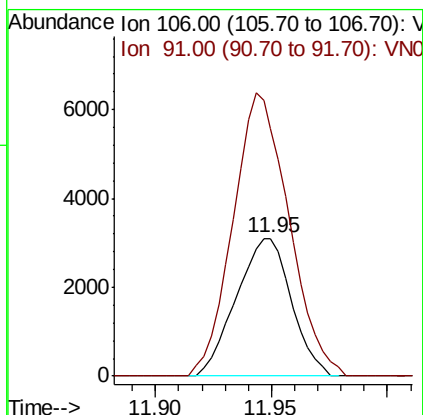
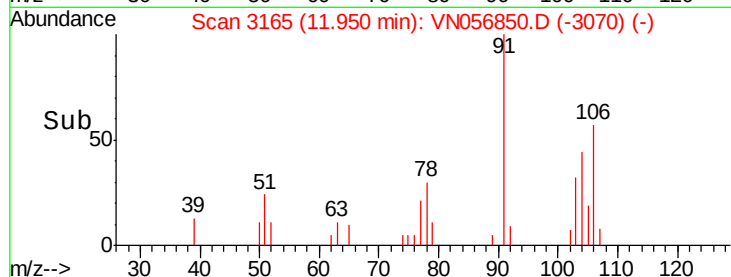
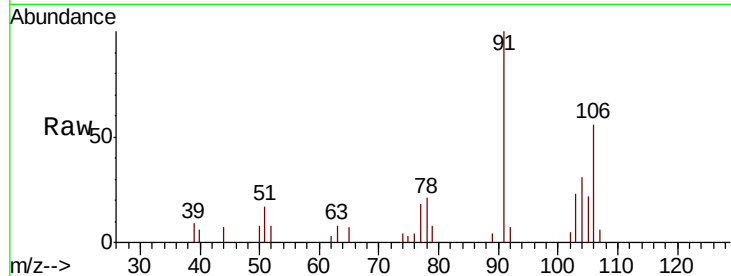




#69
o-Xylene
Concen: 0.964 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.01 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

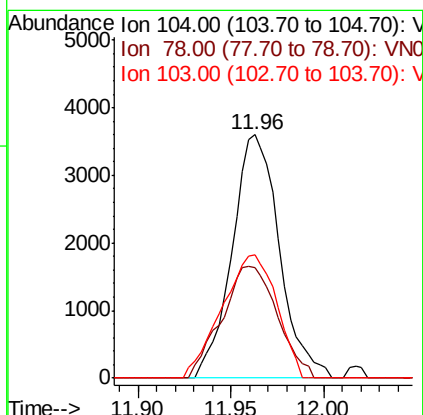
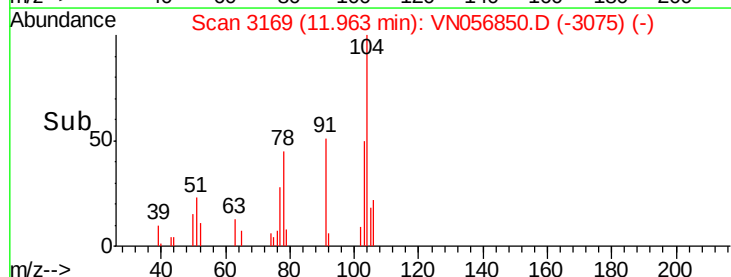
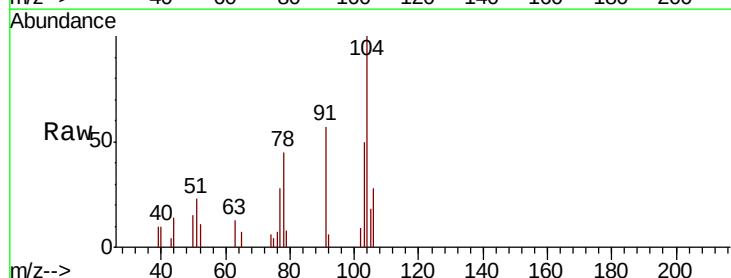
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

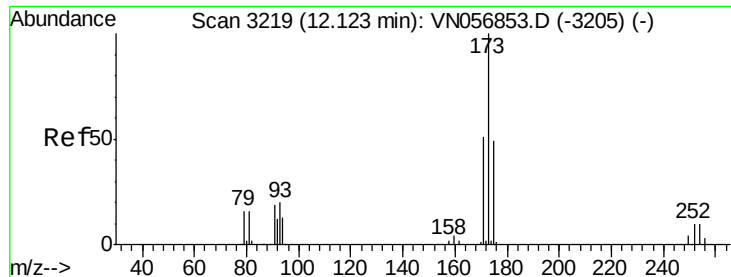
Tot Ion:106 Resp: 5112
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.3



#70
Styrene
Concen: 0.744 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion:104 Resp: 6371
Ion Ratio Lower Upper
104 100
78 54.0 38.1 57.1
103 58.6 44.2 66.4

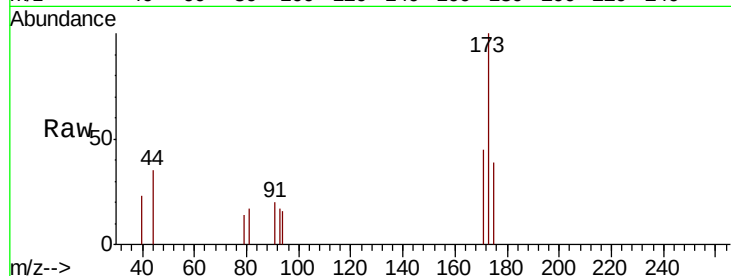




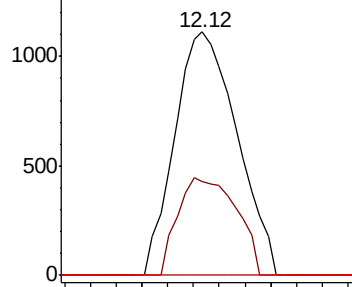
#71
Bromoform
Concen: 0.823 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

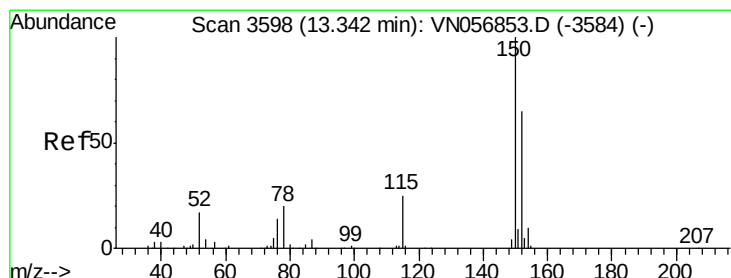
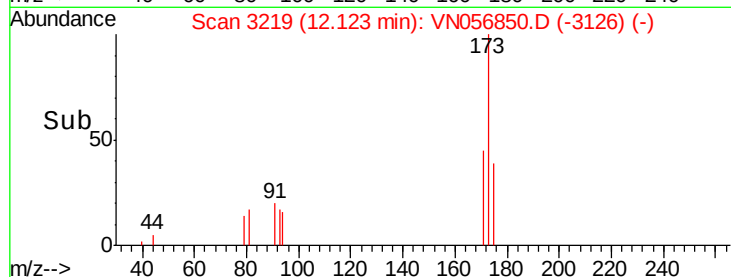
Tot Ion:173 Resp: 1867
Ion Ratio Lower Upper
173 100
175 37.8 24.1 72.3
254 0.0 0.0 0.0



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

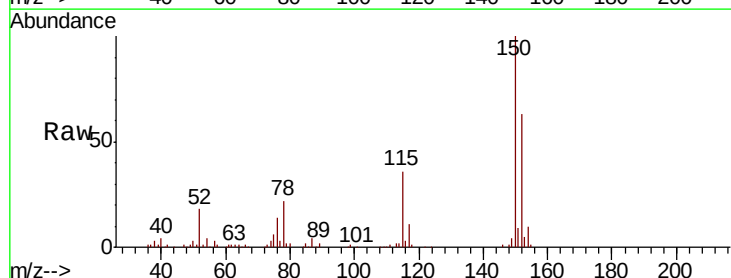


Time-->

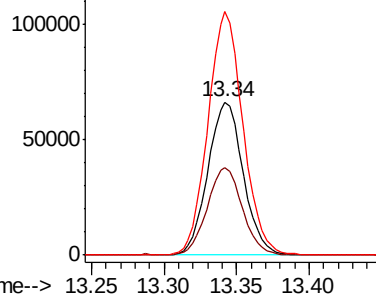


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

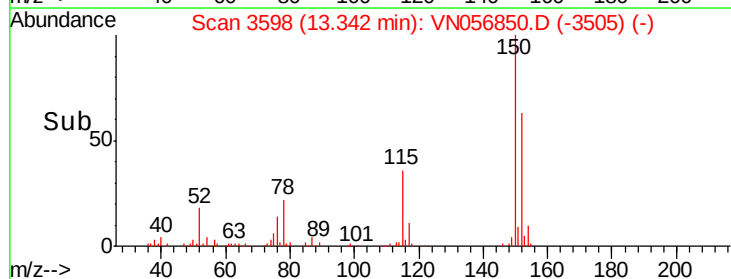
Tgt Ion:152 Resp: 112404
Ion Ratio Lower Upper
152 100
115 56.6 27.6 82.7
150 157.2 0.0 343.0

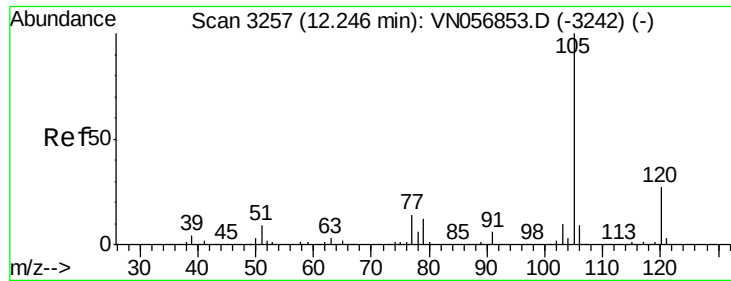


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 1.363 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

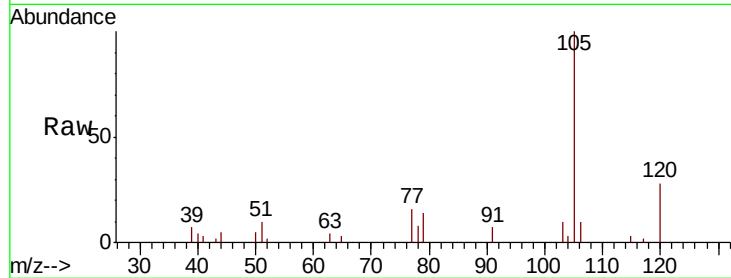
VSTDIC001

Tot Ion:105 Resp: 12573

Ion Ratio Lower Upper

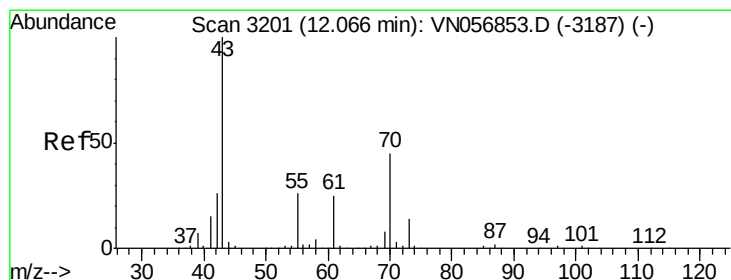
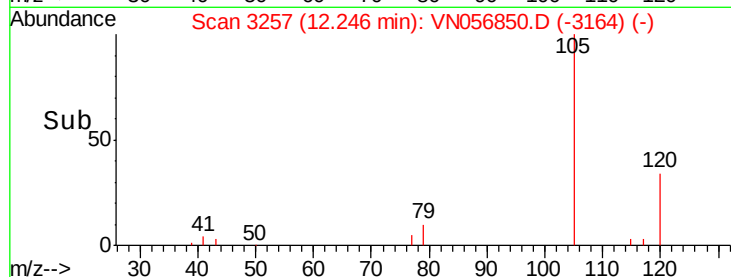
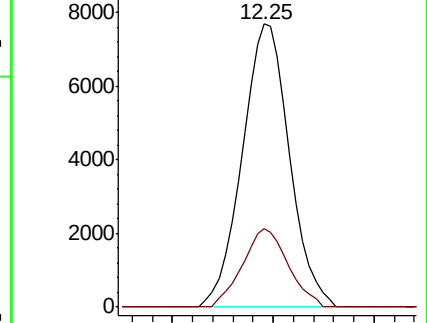
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.268 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Tgt Ion: 43 Resp: 4258

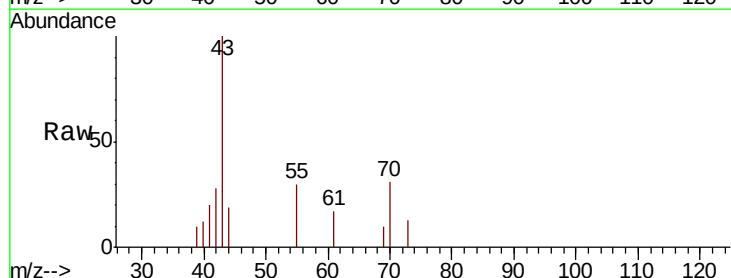
Ion Ratio Lower Upper

43 100

70 30.6 35.3 52.9#

55 21.1 20.6 31.0

61 16.2 20.2 30.2#

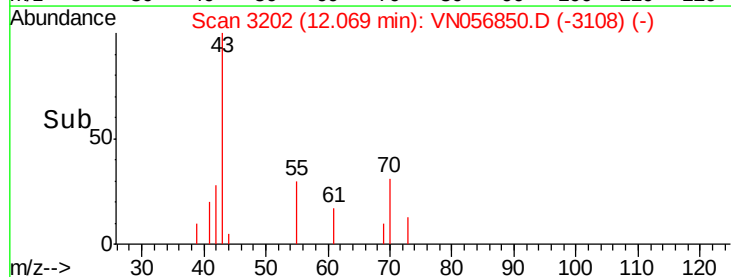
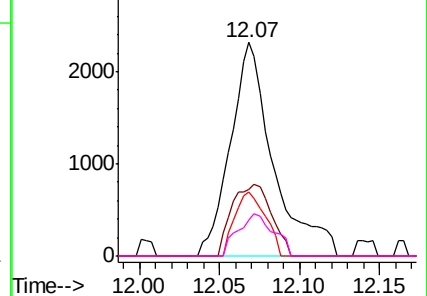


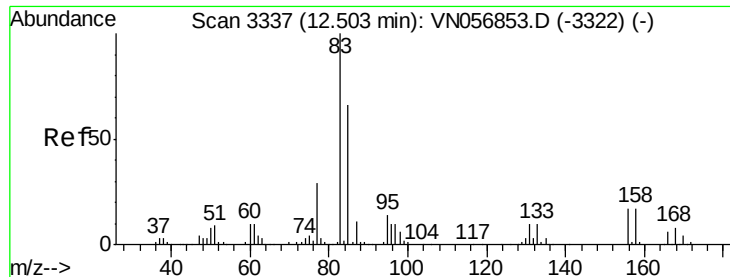
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.347 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

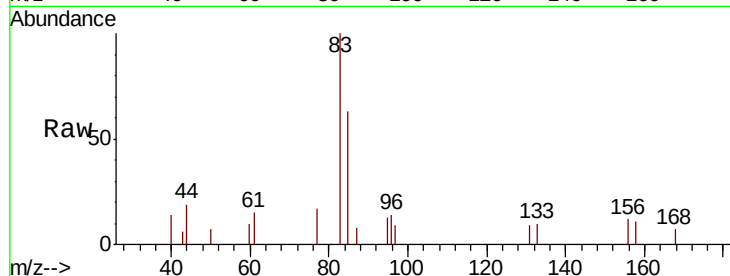
Tot Ion: 83 Resp: 4099

Ion Ratio Lower Upper

83 100

131 8.1 5.1 15.4

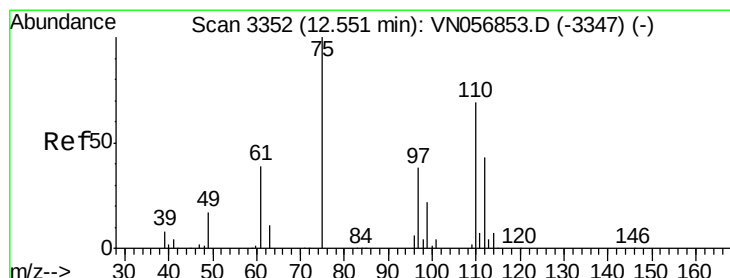
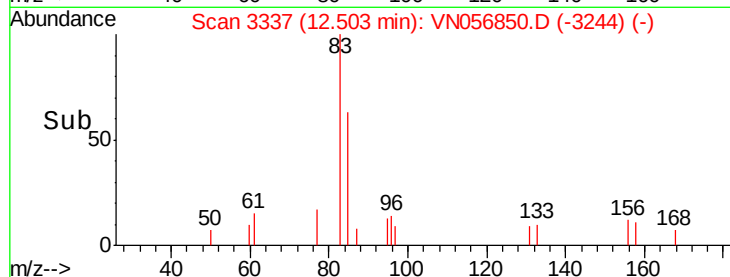
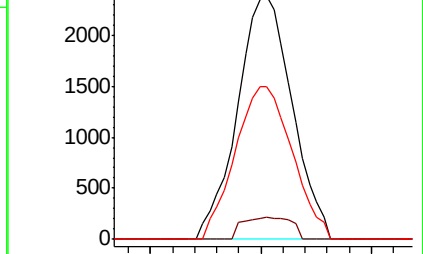
85 65.2 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VN056850.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN056850.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN056850.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 1.819 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056850.D

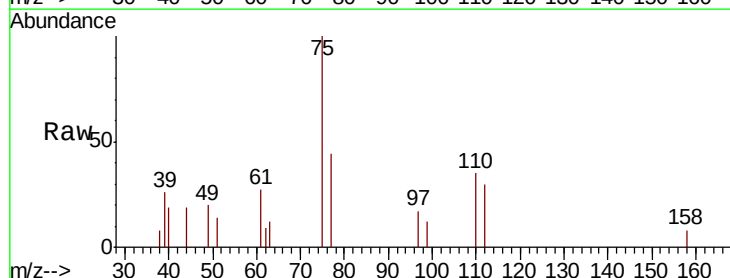
Acq: 22 Jul 2019 11:09

Tgt Ion: 75 Resp: 4444

Ion Ratio Lower Upper

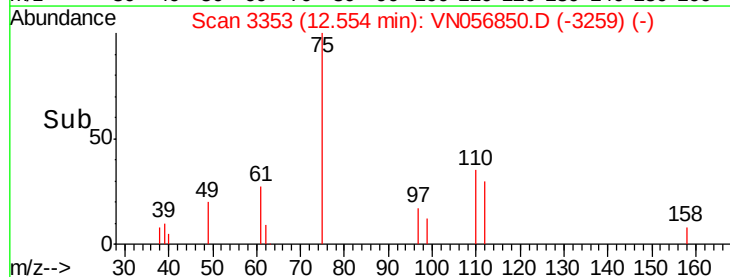
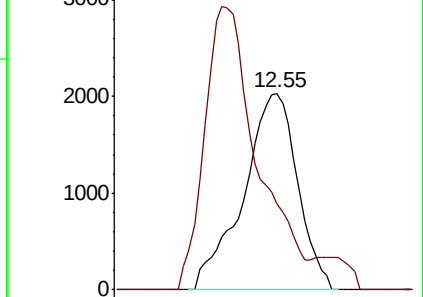
75 100

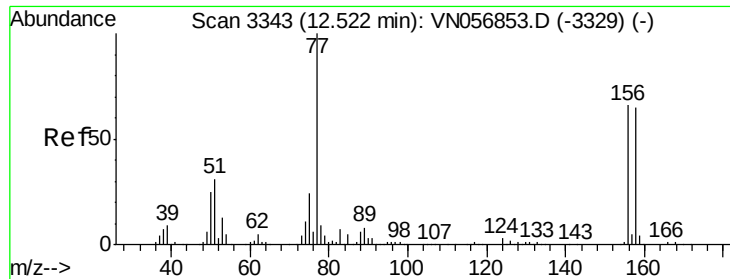
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056850.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN056850.D (-3352) (-)





#77

Bromobenzene

Concen: 1.134 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

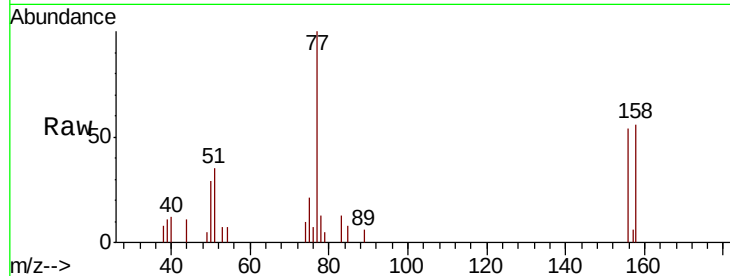
Tot Ion:156 Resp: 2733

Ion Ratio Lower Upper

156 100

77 230.7 90.7 272.1

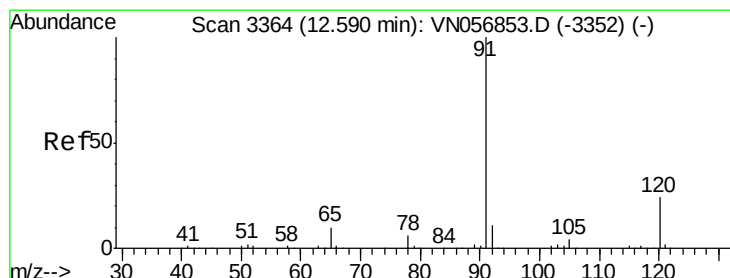
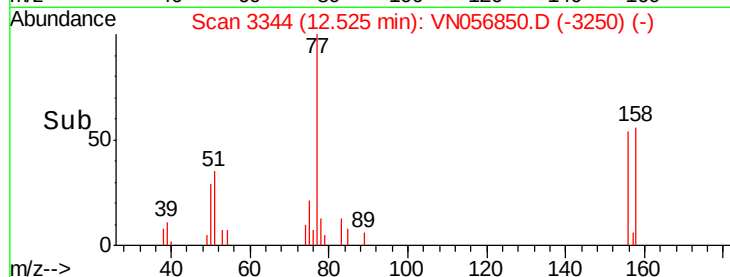
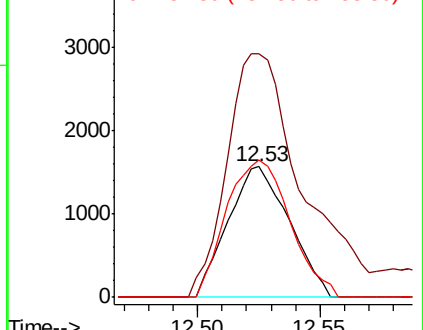
158 109.6 48.5 145.5



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: 1.176 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056850.D

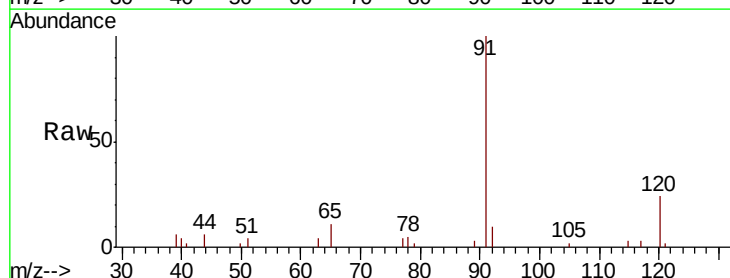
Acq: 22 Jul 2019 11:09

Tgt Ion: 91 Resp: 11976

Ion Ratio Lower Upper

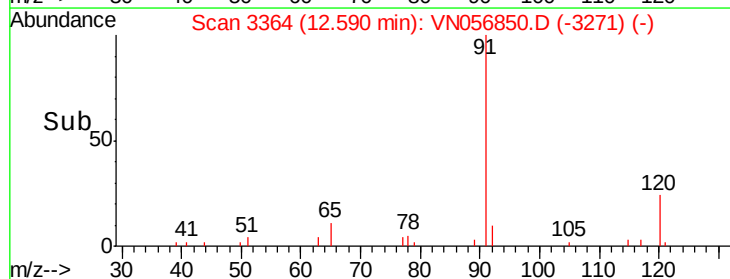
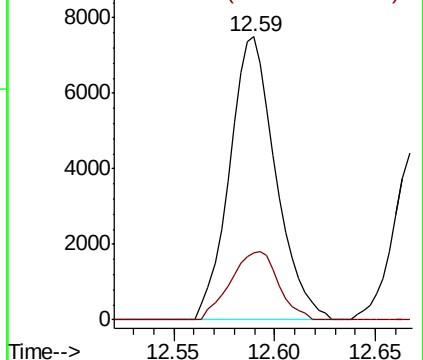
91 100

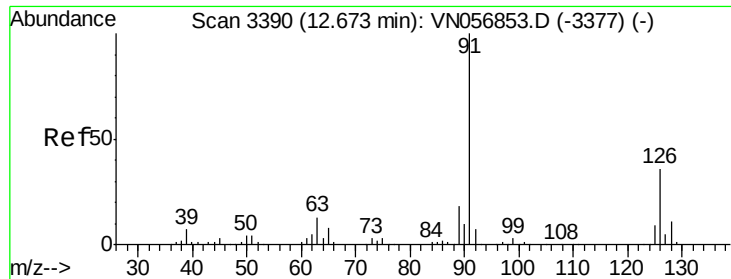
120 25.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

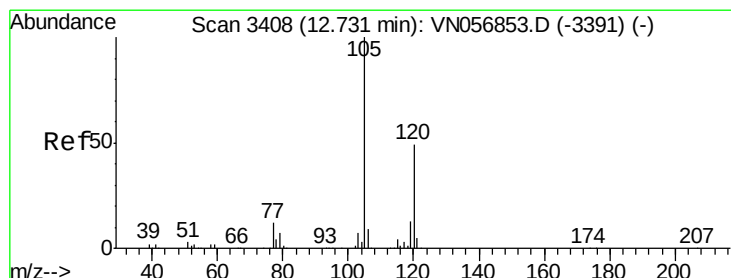
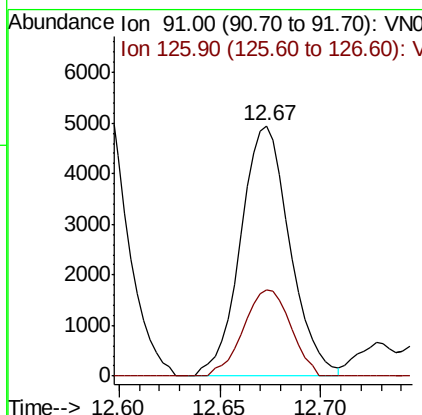
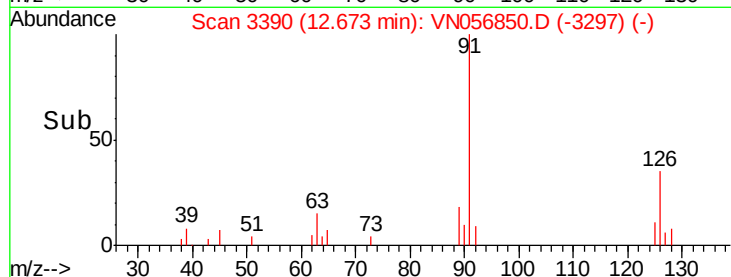
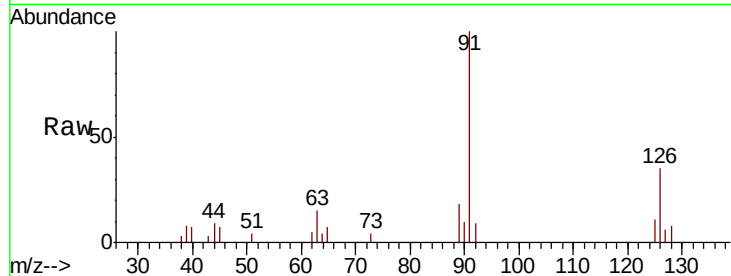




#79
 2-Chlorotoluene
 Concen: 1.340 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

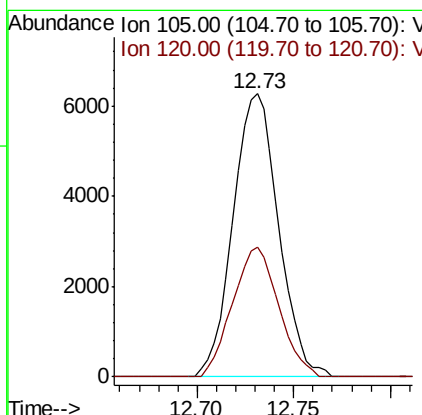
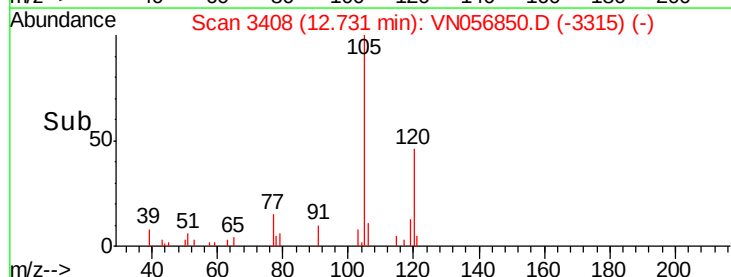
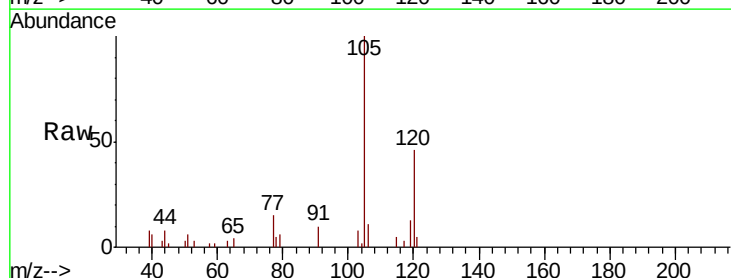
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

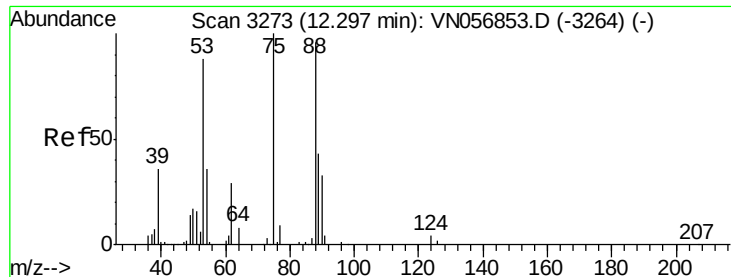
Tot Ion: 91 Resp: 8445
 Ion Ratio Lower Upper
 91 100
 126 33.3 17.8 53.5



#80
 1,3,5-Trimethylbenzene
 Concen: 1.314 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 105 Resp: 10243
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 1.056 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

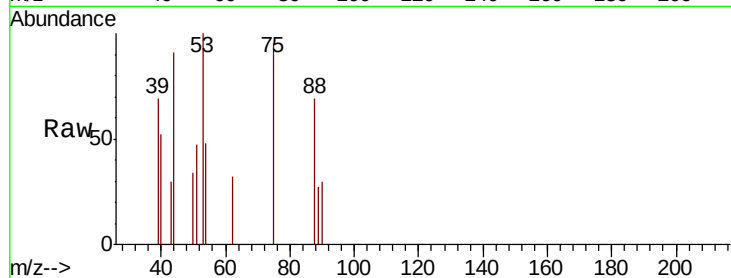
Tot Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

53 92.3 72.3 108.5

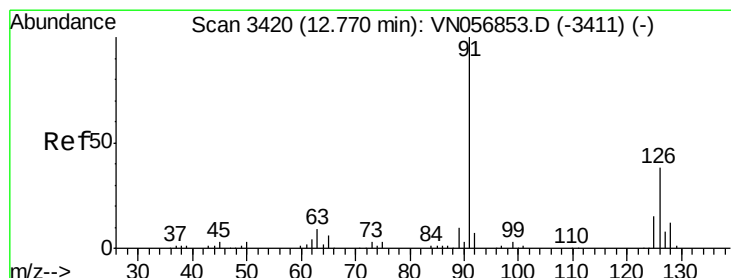
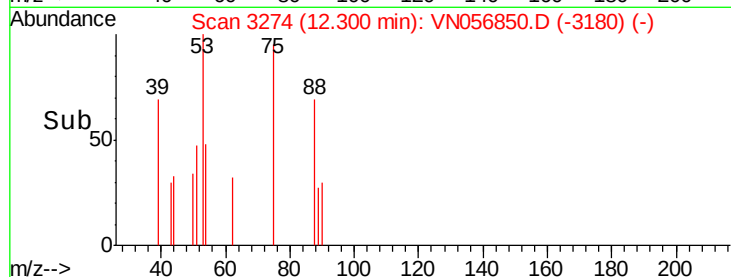
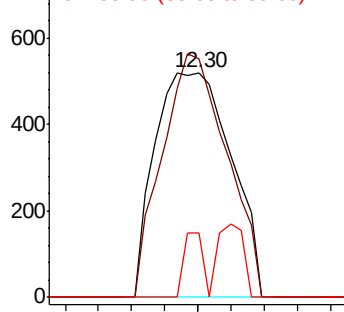
89 7.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.232 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056850.D

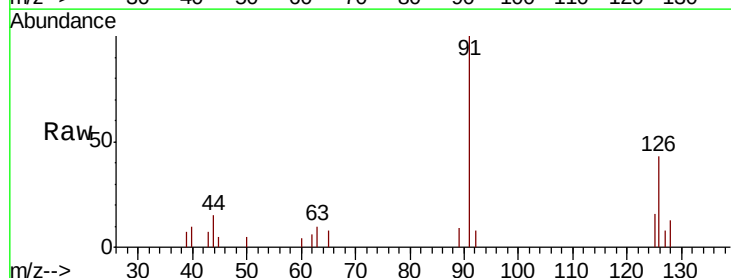
Acq: 22 Jul 2019 11:09

Tgt Ion: 91 Resp: 7373

Ion Ratio Lower Upper

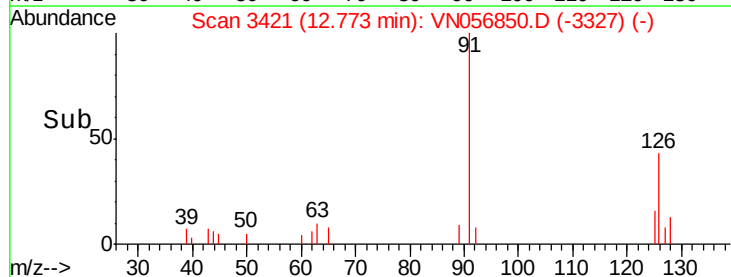
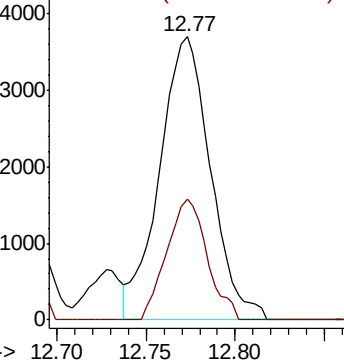
91 100

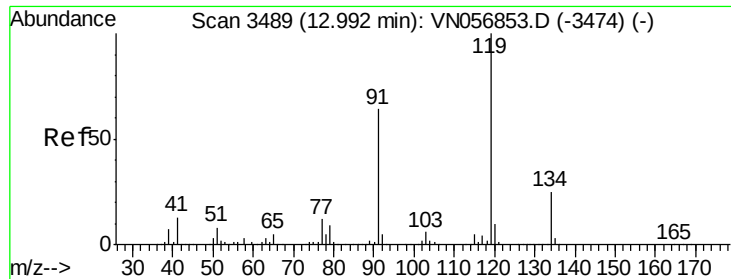
126 33.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

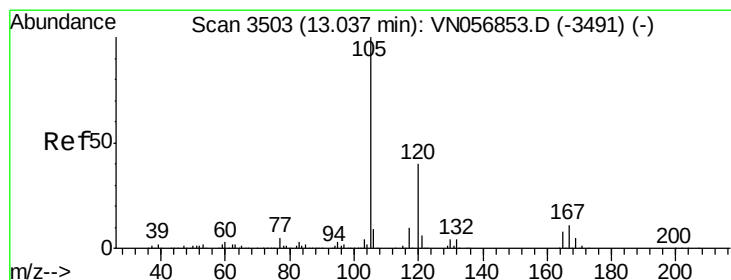
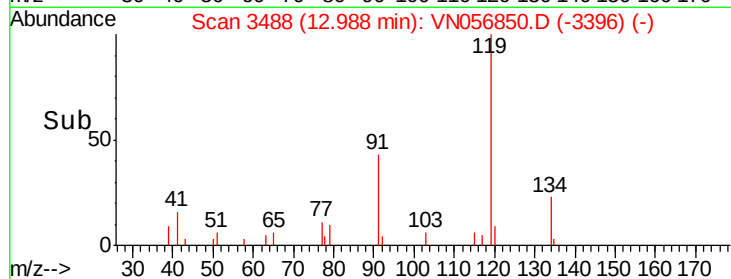
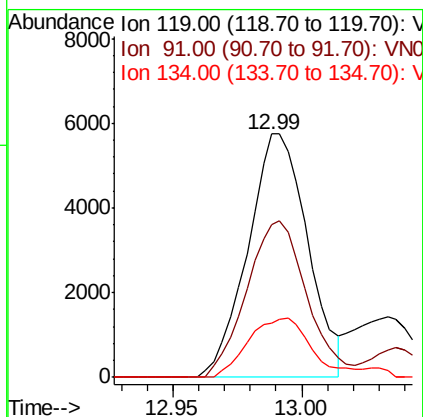
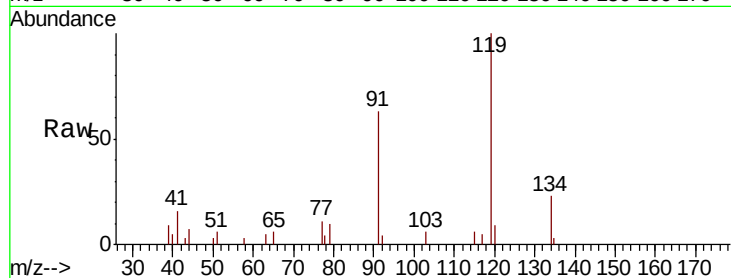




#83
tert-Butylbenzene
Concen: 1.370 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

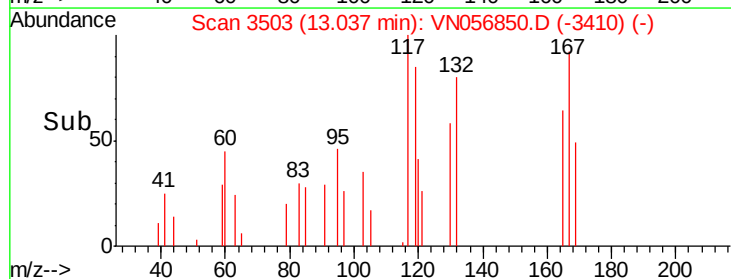
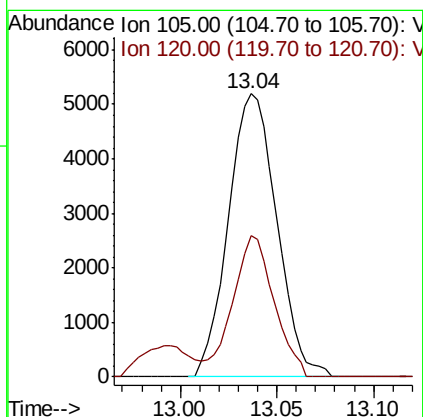
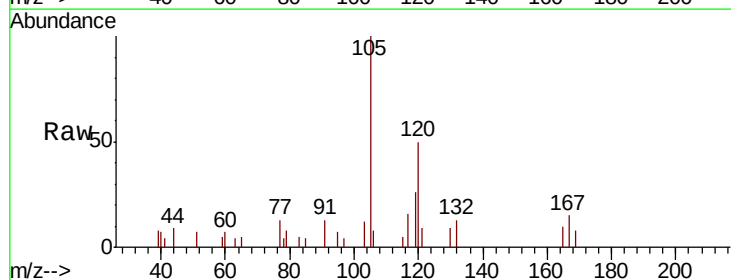
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

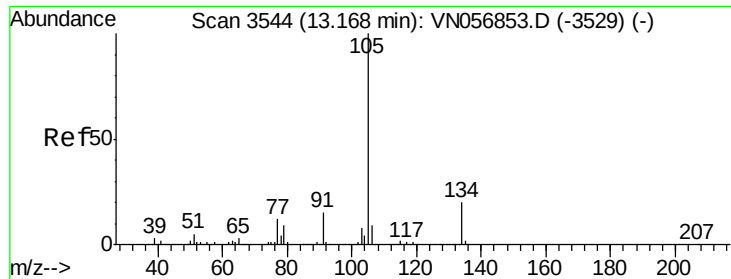
Tot Ion:119 Resp: 9317
Ion Ratio Lower Upper
119 100
91 64.7 31.5 94.5
134 25.5 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 1.188 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion:105 Resp: 9029
Ion Ratio Lower Upper
105 100
120 42.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 1.282 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampleId :

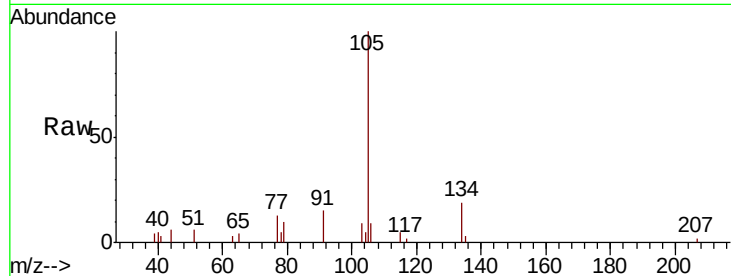
VSTDIC001

Tot Ion:105 Resp: 11122

Ion Ratio Lower Upper

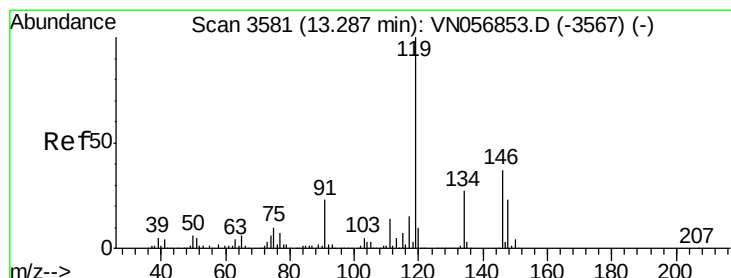
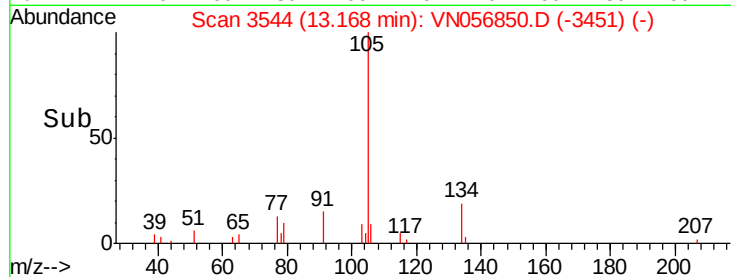
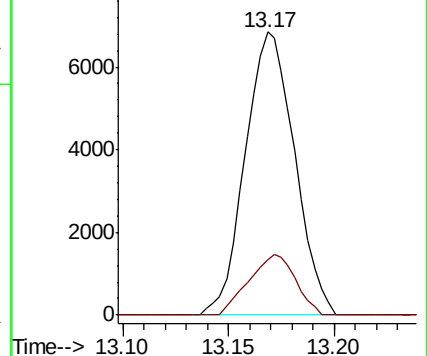
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.190 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

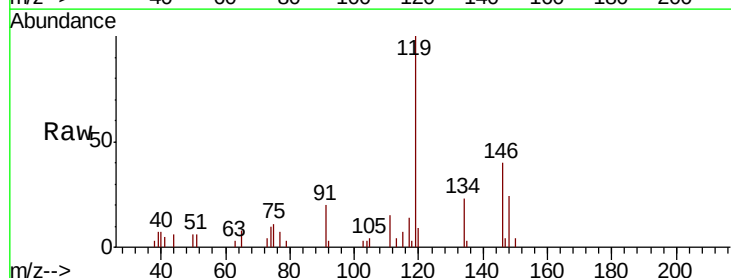
Tgt Ion:119 Resp: 9339

Ion Ratio Lower Upper

119 100

134 24.7 13.6 40.8

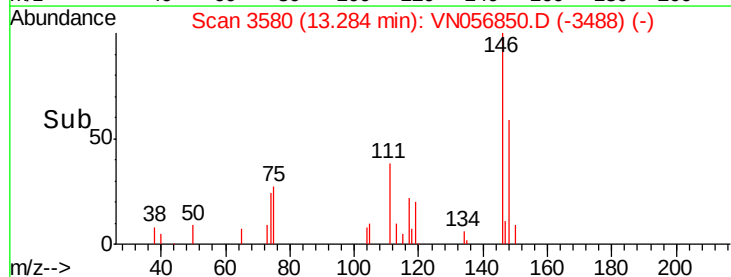
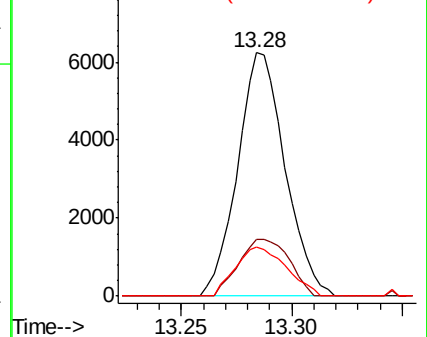
91 21.5 11.3 33.8

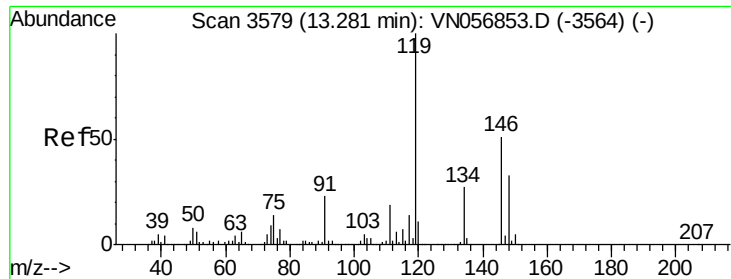


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

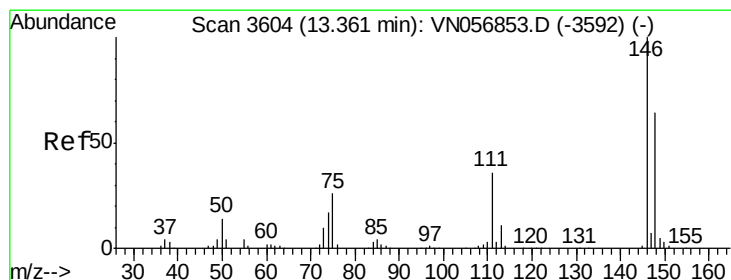
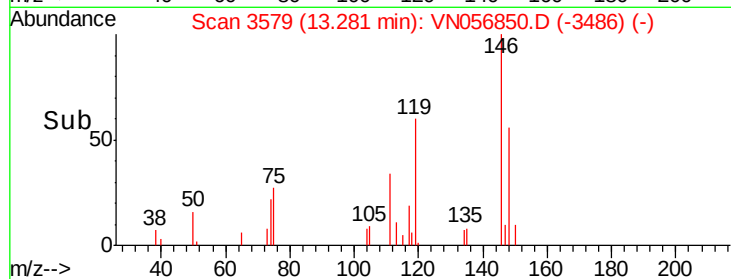
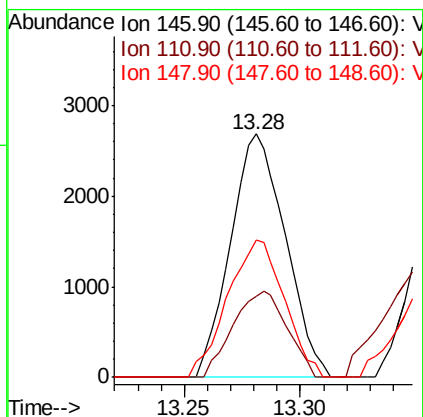
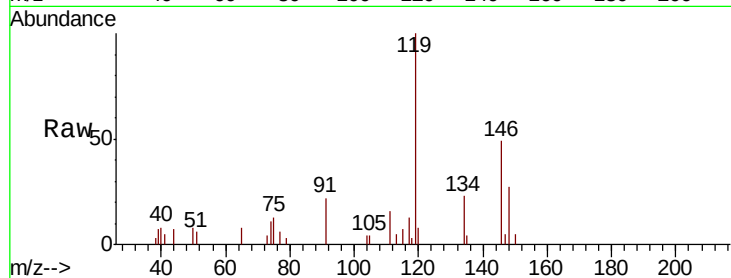




#87
 1,3-Dichlorobenzene
 Concen: 1.125 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

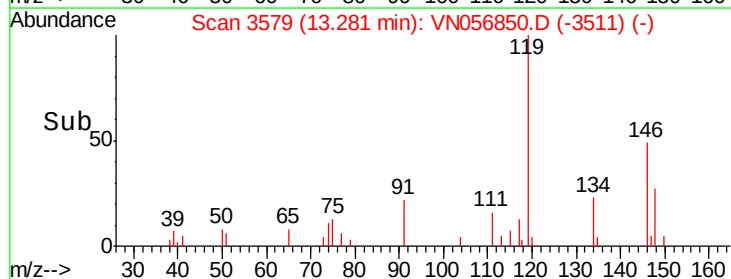
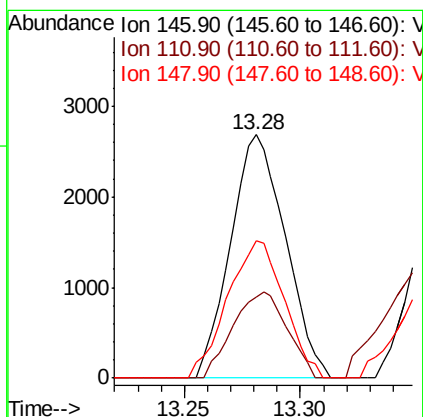
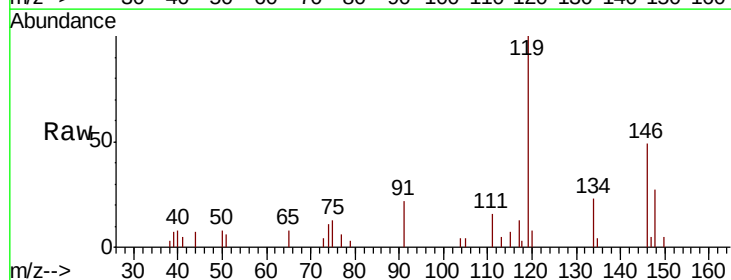
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

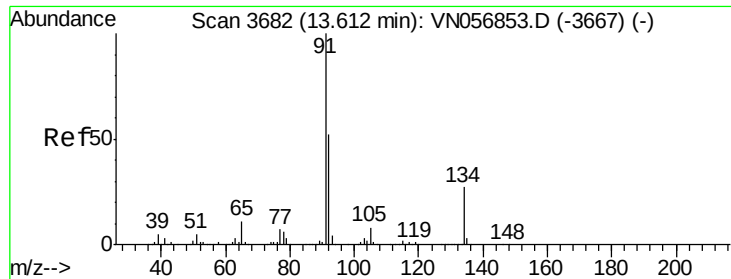
Tot Ion:146 Resp: 4409
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.9 56.5
 148 58.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.157 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion:146 Resp: 4409
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.3 54.9
 148 58.4 32.1 96.3

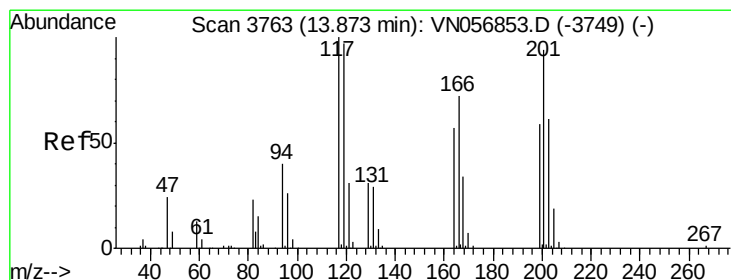
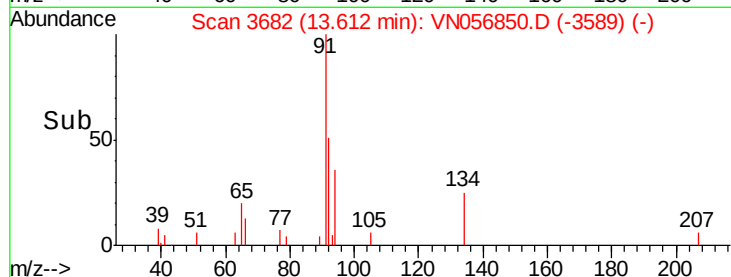
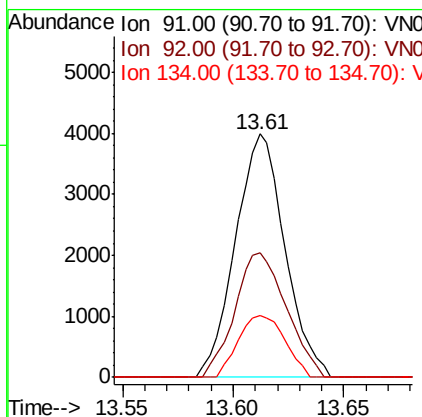
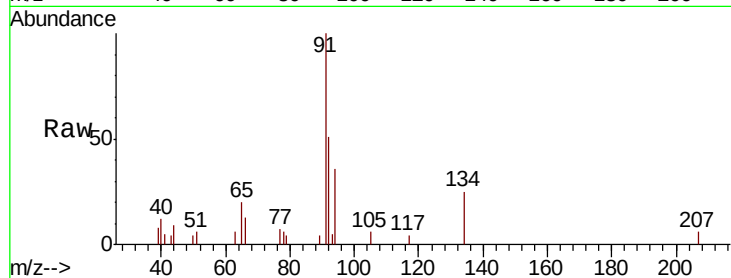




#89
n-Butylbenzene
Concen: 0.987 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

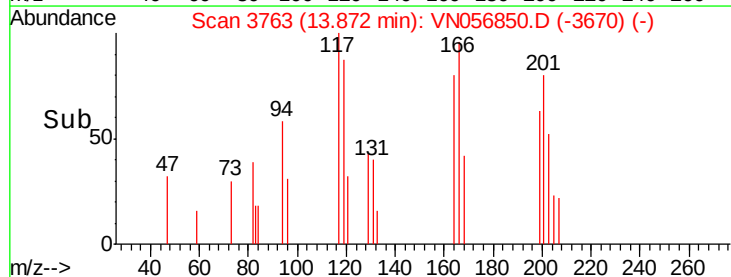
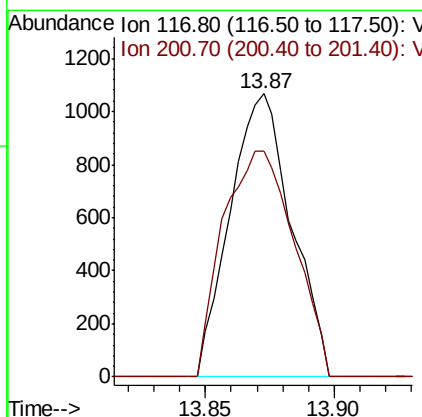
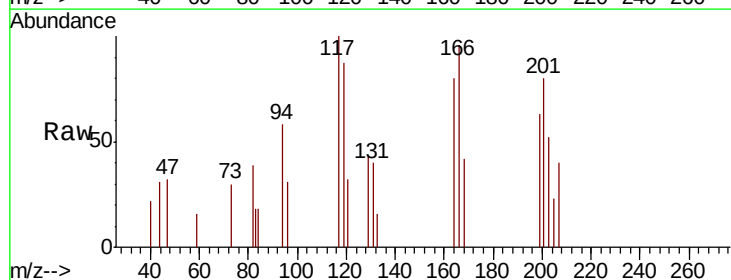
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

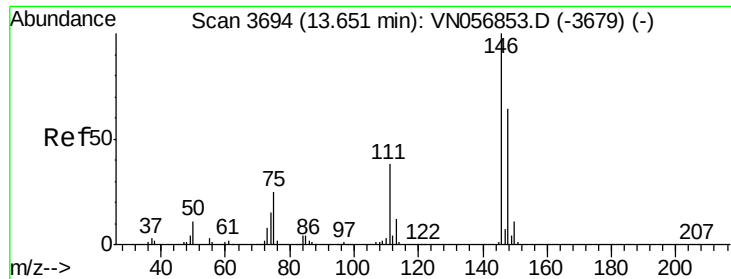
Tot Ion: 91 Resp: 6198
Ion Ratio Lower Upper
91 100
92 53.3 26.0 78.0
134 24.0 13.3 39.9



#90
Hexachloroethane
Concen: 1.383 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056850.D
Acq: 22 Jul 2019 11:09

Tgt Ion: 117 Resp: 1768
Ion Ratio Lower Upper
117 100
201 92.3 47.1 141.3

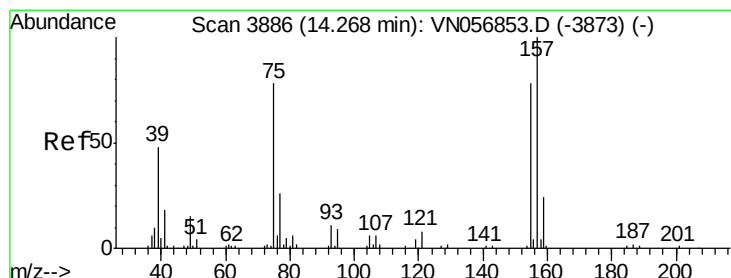
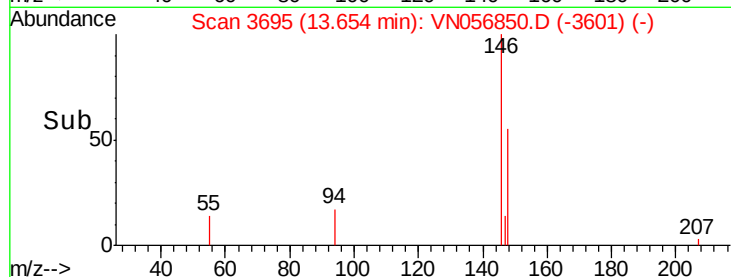
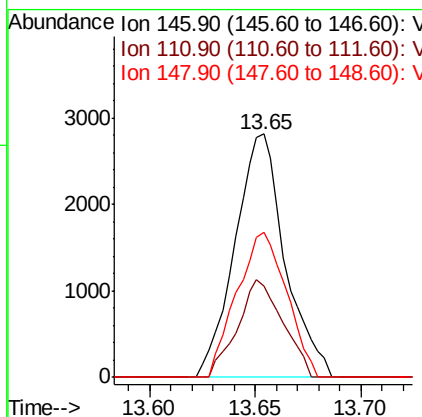
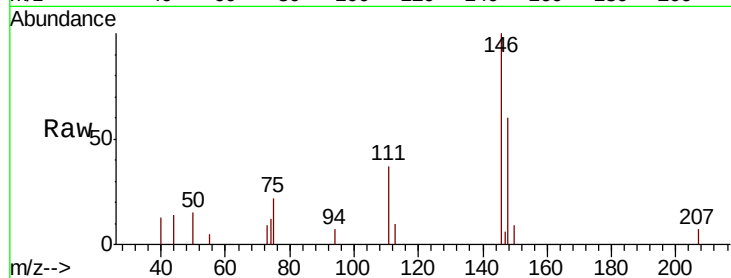




#91
 1,2-Dichlorobenzene
 Concen: 1.159 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

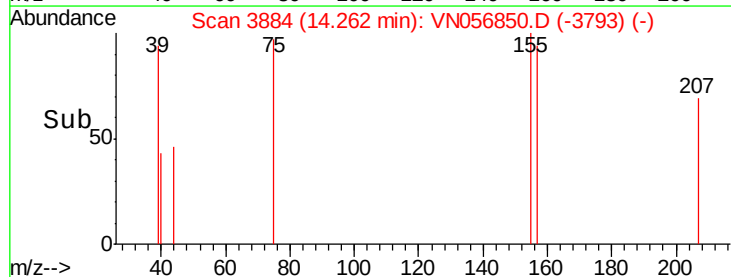
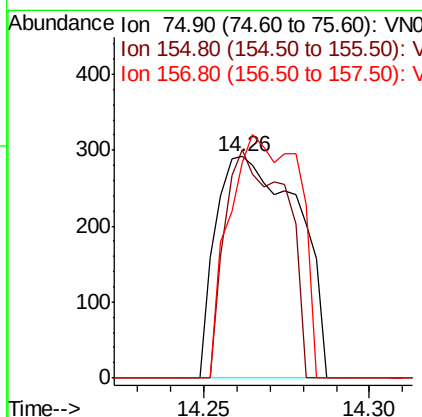
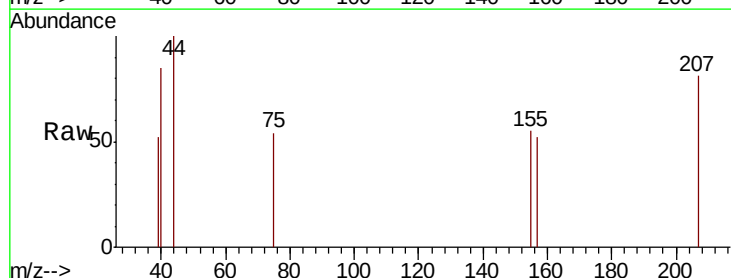
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

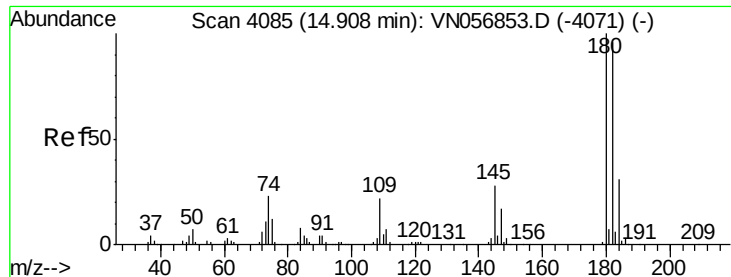
Tot Ion:146 Resp: 4640
 Ion Ratio Lower Upper
 146 100
 111 36.1 19.1 57.5
 148 59.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.056 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion: 75 Resp: 503
 Ion Ratio Lower Upper
 75 100
 155 75.3 49.9 149.6
 157 92.4 64.8 194.4

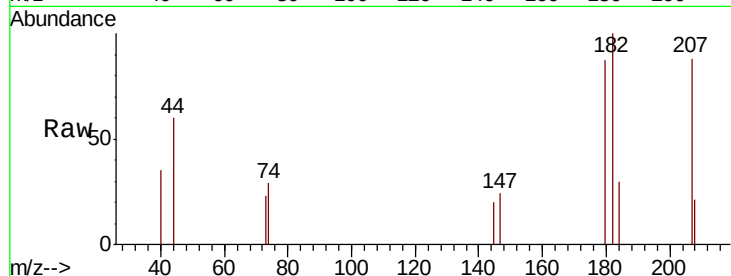




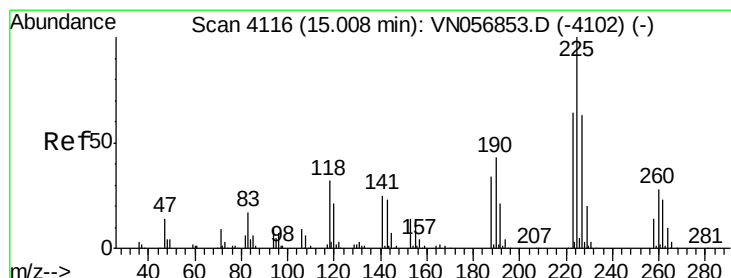
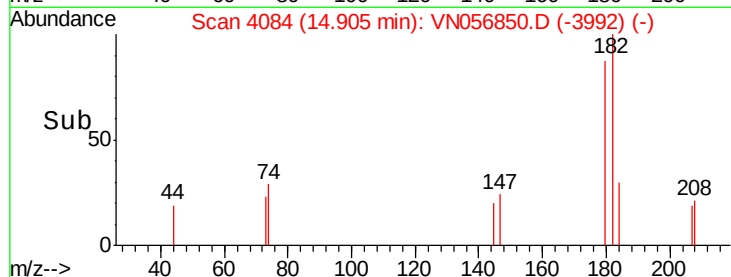
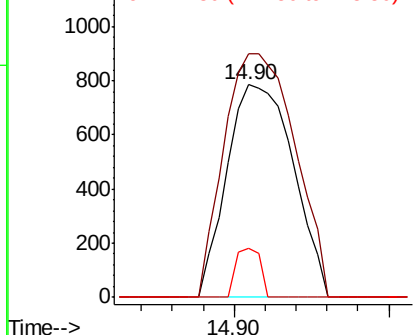
#93
 1,2,4-Trichlorobenzene
 Concen: 0.650 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 1172
 Ion Ratio Lower Upper
 180 100
 182 122.4 47.9 143.7
 145 8.4 14.1 42.3#

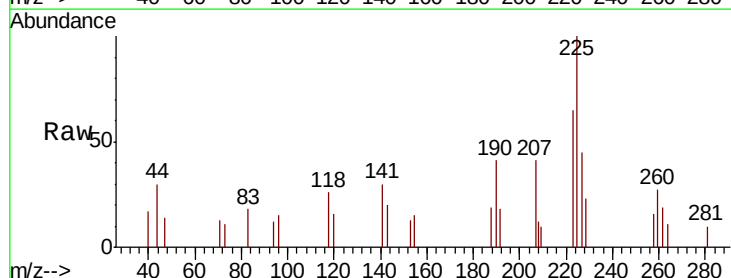


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

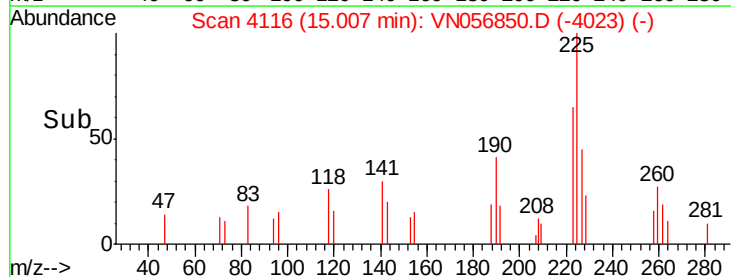
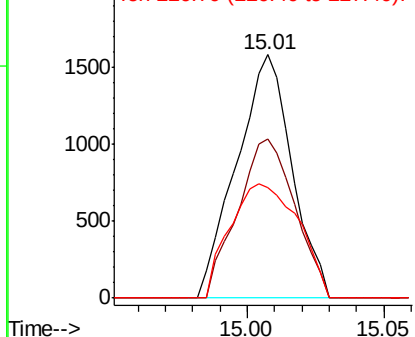


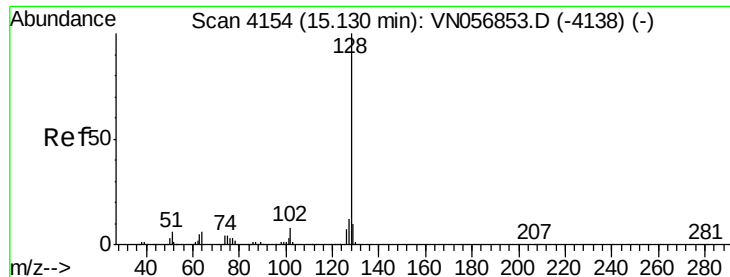
#94
 Hexachlorobutadiene
 Concen: 1.541 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056850.D
 Acq: 22 Jul 2019 11:09

Tgt Ion:225 Resp: 2223
 Ion Ratio Lower Upper
 225 100
 223 67.7 31.9 95.5
 227 58.3 31.7 95.1



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: 0.759 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

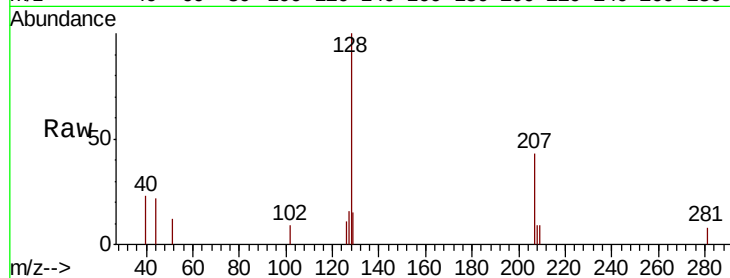
Tot Ion:128 Resp: 3656

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.2

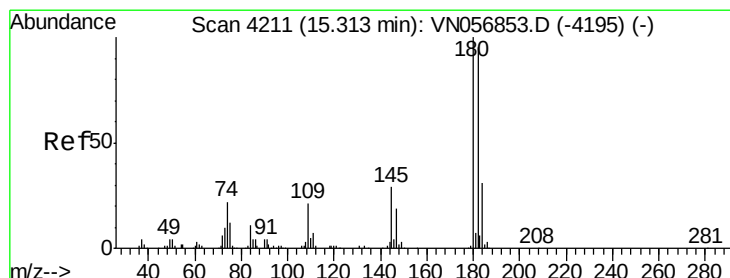
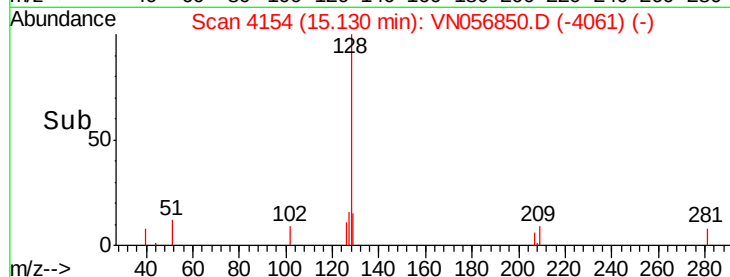
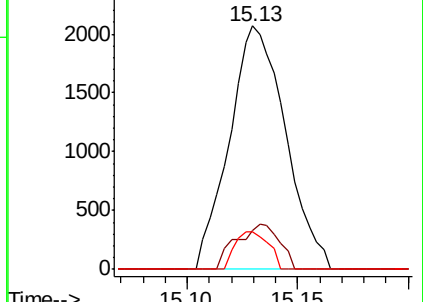
129 9.2 8.5 12.7



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: 0.811 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056850.D

Acq: 22 Jul 2019 11:09

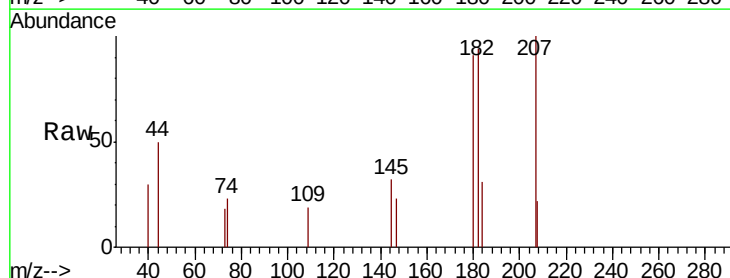
Tgt Ion:180 Resp: 1529

Ion Ratio Lower Upper

180 100

182 110.7 48.1 144.3

145 31.2 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

