

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070319\
 Data File : VN056583.D
 Acq On : 3 Jul 2019 12:38
 Operator : JC/SP
 Sample : VN0702WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Quant Time: Jul 03 22:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	50177	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	278037	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	239506	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	103066	29.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.33%
60) 4-Bromofluorobenzene	12.40	95	108626	29.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.40%
63) Toluene-d8	10.09	98	338814	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	49556	19.694	ug/l 100
3) Chloromethane	2.06	50	71387	19.547	ug/l 99
4) Vinyl Chloride	2.18	62	67501	19.638	ug/l 99
5) Bromomethane	2.53	94	39780	21.691	ug/l 100
6) Chloroethane	2.68	64	36794	19.330	ug/l 95
7) Trichlorofluoromethane	3.00	101	86403	19.584	ug/l 98
8) Diethyl Ether	3.41	74	37028	19.785	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	55304	19.783	ug/l 95
10) 1,1-Dichloroethene	3.73	96	53398	19.469	ug/l 97
11) Methyl Iodide	3.95	142	71551	18.242	ug/l 98
12) Methyl Acetate	4.33	43	68346	18.477	ug/l 99
13) Acrolein	3.61	56	31960	88.494	ug/l 99
14) Acrylonitrile	4.99	53	163299	100.544	ug/l 99
15) Acetone	3.82	58	44425	98.033	ug/l 89
16) Carbon Disulfide	4.05	76	121560	18.432	ug/l 98
17) Allyl chloride	4.32	41	90065	18.764	ug/l 98
18) Methylene Chloride	4.55	84	64633	19.930	ug/l 94
19) trans-1,2-Dichloroethene	5.04	96	56654	19.044	ug/l 94
20) Diisopropyl ether	5.95	45	194648	19.629	ug/l 95
21) 1,1-Dichloroethane	5.85	63	110289	19.716	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	68414	19.556	ug/l 94
23) tert-Butyl Alcohol	4.79	59	62057	102.142	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	178448	19.670	ug/l 99
25) Chloroform	7.37	83	109047	19.888	ug/l 97
26) Cyclohexane	7.65	56	100645	19.533	ug/l # 94
29) 1,1-Dichloropropene	7.79	75	81167	19.769	ug/l 96
30) 2-Butanone	6.84	43	220938	97.069	ug/l 98
31) 2,2-Dichloropropane	6.82	77	72922	18.472	ug/l 95
32) 1,1,1-Trichloroethane	7.57	97	83868	19.162	ug/l 98
33) Carbon Tetrachloride	7.77	117	70834	19.091	ug/l 99
34) Benzene	8.04	78	255880	19.931	ug/l 99
35) Methacrylonitrile	7.18	41	40538	20.055	ug/l 95
36) 1,2-Dichloroethane	8.13	62	80925	19.393	ug/l 97
37) Trichloroethene	8.84	130	64901	19.383	ug/l 96
38) Methylcyclohexane	9.08	83	98997	19.240	ug/l 98
39) 1,2-Dichloropropane	9.12	63	68543	19.833	ug/l 100
40) Dibromomethane	9.21	93	41607	19.476	ug/l 93

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0703WBS01

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	75181	18.988	ug/l	99
42) Vinyl Acetate	5.90	43	803007	99.083	ug/l	98
43) Ethyl Acetate	6.93	43	88780	20.164	ug/l	93
44) Isopropyl Acetate	8.17	43	134934	19.643	ug/l	100
45) 1,4-Dioxane	9.21	88	27344	406.815	ug/l	87
46) Methyl methacrylate	9.20	41	65218	19.322	ug/l	96
47) n-amyl Acetate	12.07	43	109855	19.240	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	77890	18.355	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	92572	18.913	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	62594	19.889	ug/l	97
51) Ethyl methacrylate	10.43	69	95681	19.303	ug/l	95
52) 1,3-Dichloropropane	10.71	76	106322	19.881	ug/l	99
53) Dibromochloromethane	10.90	129	57264	18.564	ug/l	99
54) 1,2-Dibromoethane	11.01	107	63617	19.400	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	237654	94.090	ug/l	98
56) Bromoform	12.13	173	39288	17.528	ug/l #	99
58) 4-Methyl-2-Pentanone	9.99	43	438949	101.933	ug/l	97
59) 2-Hexanone	10.75	43	314248	98.342	ug/l	98
61) Tetrachloroethene	10.63	164	60790	20.222	ug/l	98
62) Toluene	10.16	91	267929	20.044	ug/l	99
64) Chlorobenzene	11.43	112	160058	19.875	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	56907	19.621	ug/l	99
66) Ethyl Benzene	11.51	91	287667	19.848	ug/l	99
67) m/p-Xylenes	11.62	106	213729	39.959	ug/l	94
68) o-Xylene	11.95	106	106663	20.165	ug/l	97
69) Styrene	11.96	104	170814	19.409	ug/l	98
70) Isopropylbenzene	12.25	105	279526	20.254	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	90885	19.919	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	106726	27.815	ug/l	66
73) Bromobenzene	12.53	156	69270	19.461	ug/l	90
74) n-propylbenzene	12.59	91	305603	19.517	ug/l	98
75) 2-Chlorotoluene	12.67	91	184132	19.666	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	232563	19.900	ug/l	97
77) t-1,4-Dichloro-2-butene	12.30	75	21143	17.203	ug/l	89
78) 4-Chlorotoluene	12.77	91	176942	19.432	ug/l	97
79) tert-butylbenzene	12.99	119	197576	19.787	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	227010	19.667	ug/l	99
81) sec-Butylbenzene	13.17	105	261507	19.750	ug/l	99
82) p-Isopropyltoluene	13.29	119	234132	19.667	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	112711	19.068	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	106730	18.718	ug/l	99
85) n-Butylbenzene	13.61	91	183732	18.365	ug/l	98
86) Hexachloroethane	13.87	117	33104	18.442	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	115259	19.201	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	14810	18.114	ug/l	92
89) 1,2,4-Trichlorobenzene	14.91	180	54946	16.561	ug/l	97
90) Hexachlorobutadiene	15.01	225	38285	18.573	ug/l	99
91) Naphthalene	15.13	128	155226	16.671	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	61263	17.589	ug/l	98

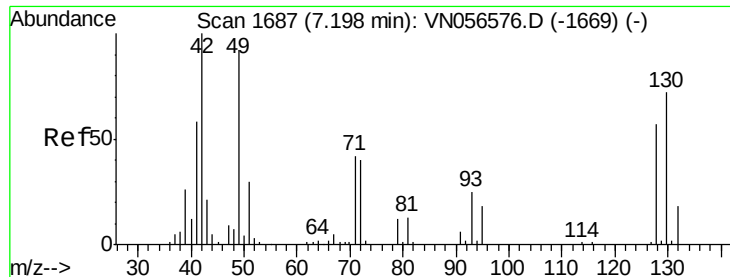
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070319\
Data File : VN056583.D
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

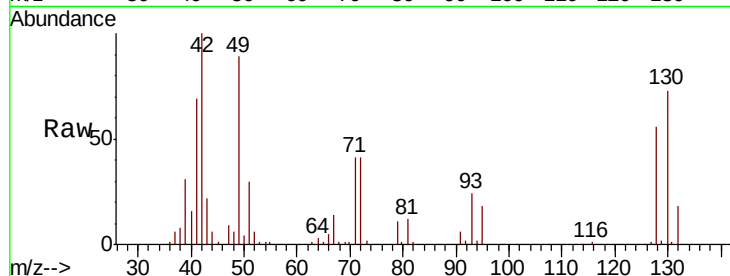
Tot Ion:128 Resp: 50177

Ion Ratio Lower Upper

128 100

49 159.5 0.0 355.8

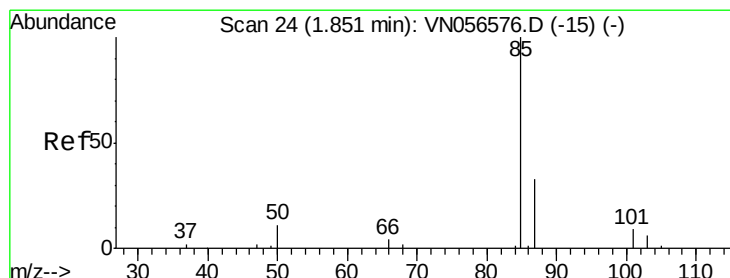
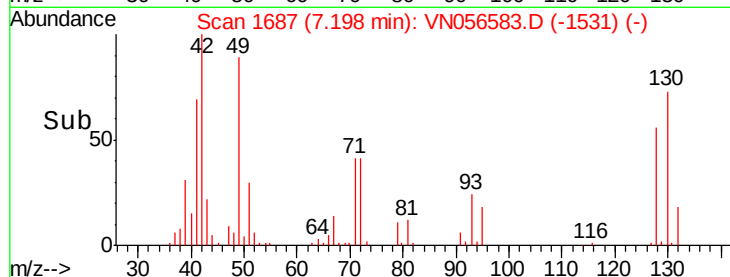
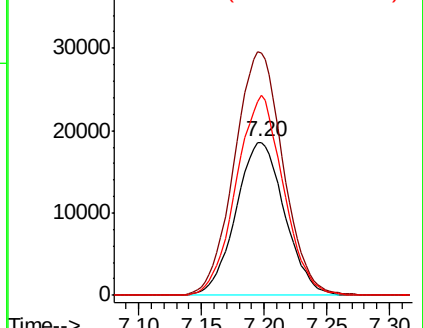
130 126.8 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.694 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056583.D

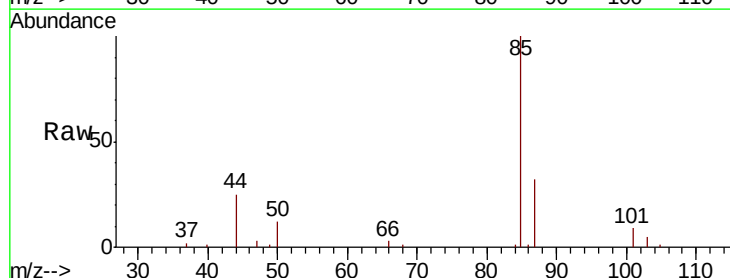
Acq: 3 Jul 2019 12:38

Tgt Ion: 85 Resp: 49556

Ion Ratio Lower Upper

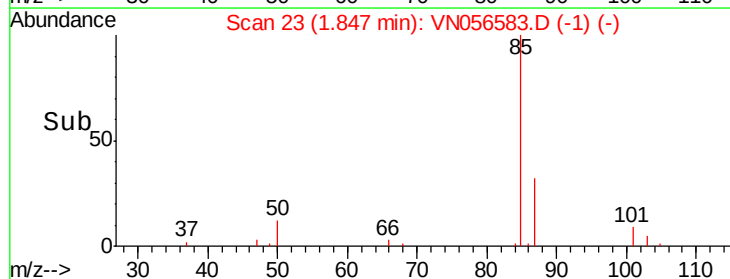
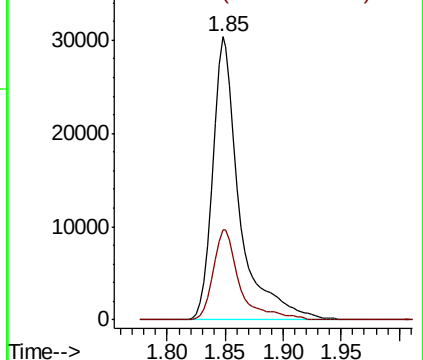
85 100

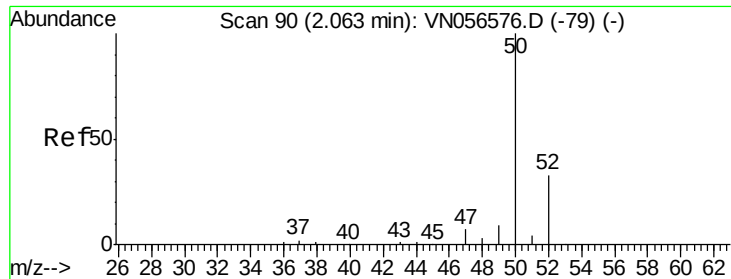
87 31.6 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

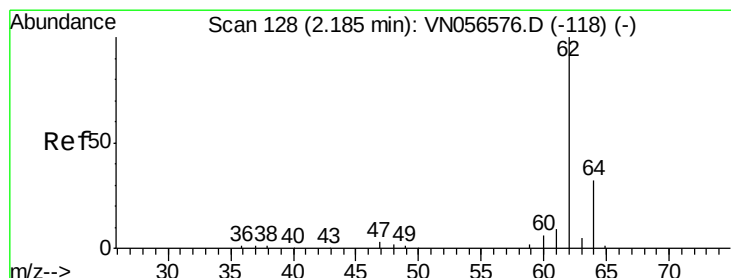
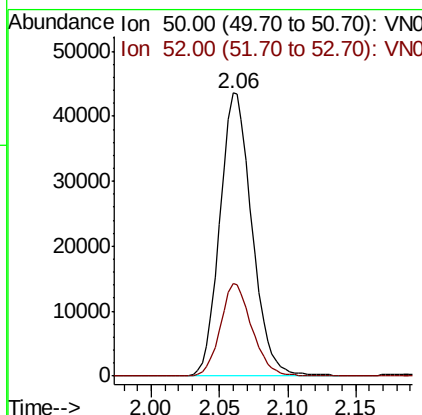
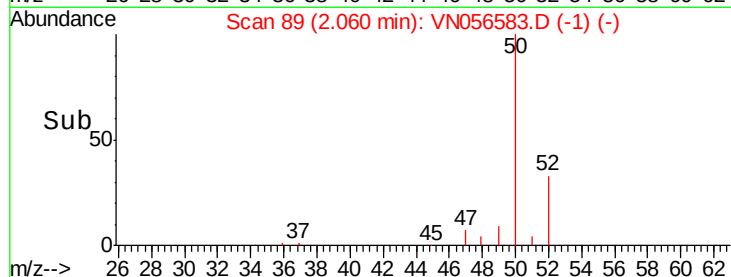
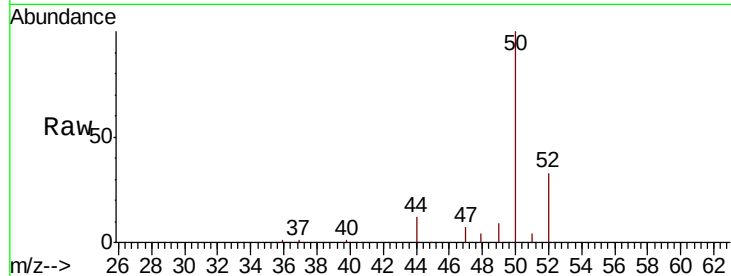




#3
 Chloromethane
 Concen: 19.547 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

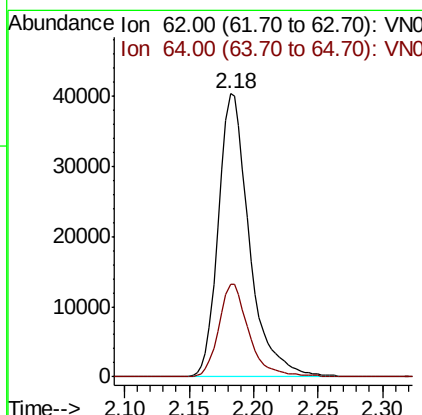
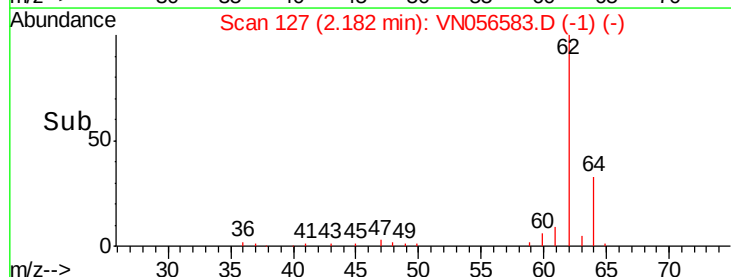
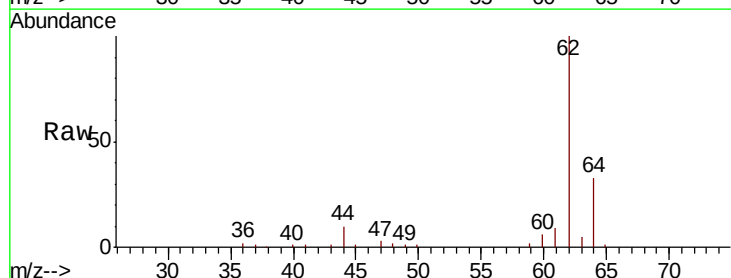
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

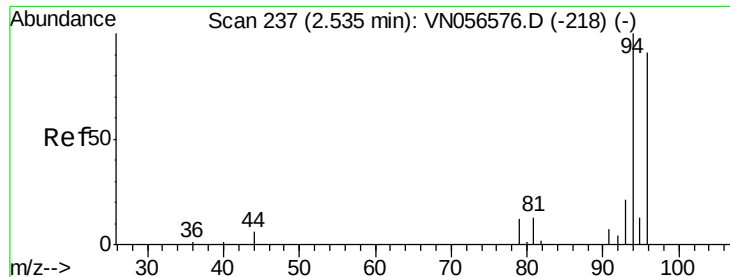
Tot Ion: 50 Resp: 71387
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.7 40.1



#4
 Vinyl Chloride
 Concen: 19.638 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 62 Resp: 67501
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.8 38.8

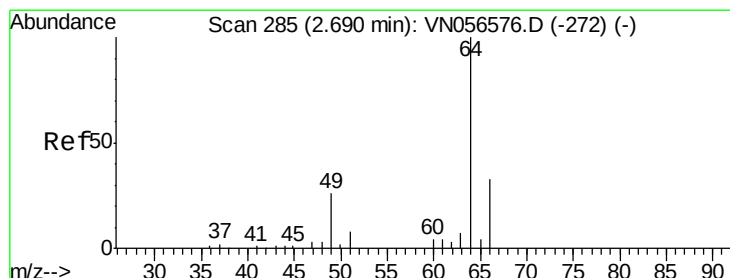
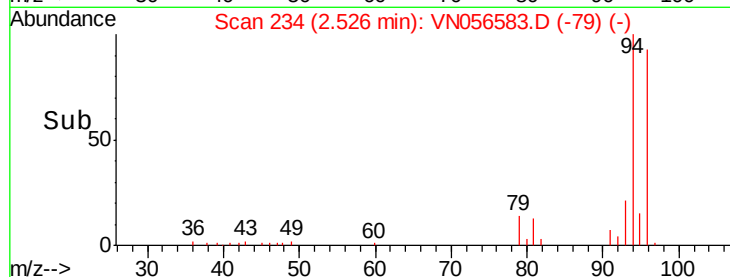
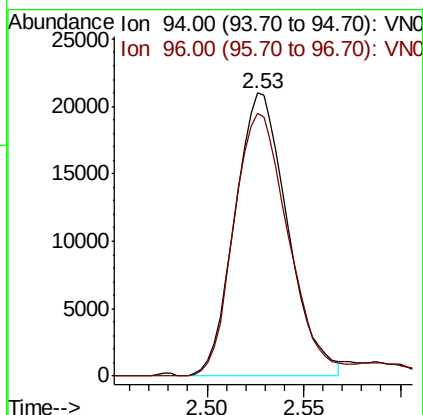
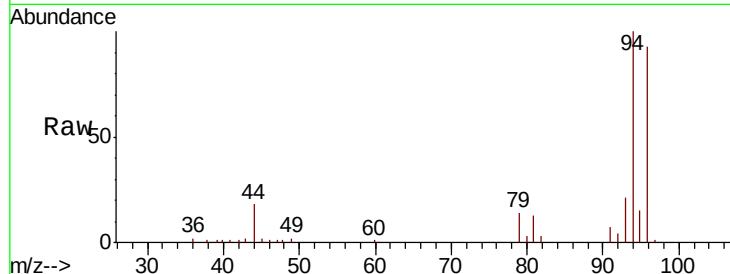




#5
Bromomethane
Concen: 21.691 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

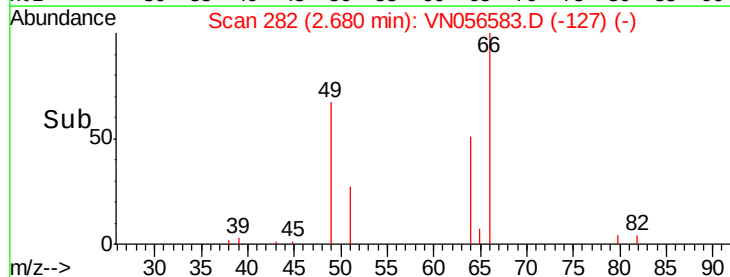
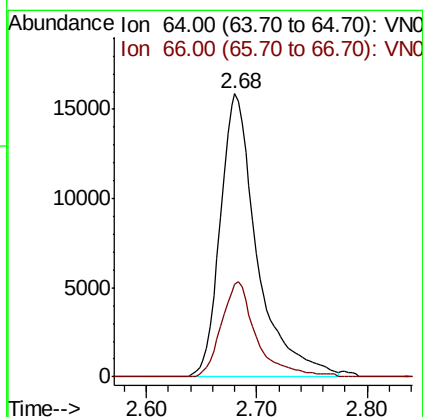
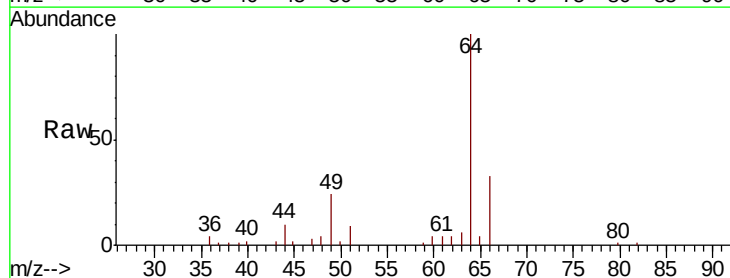
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

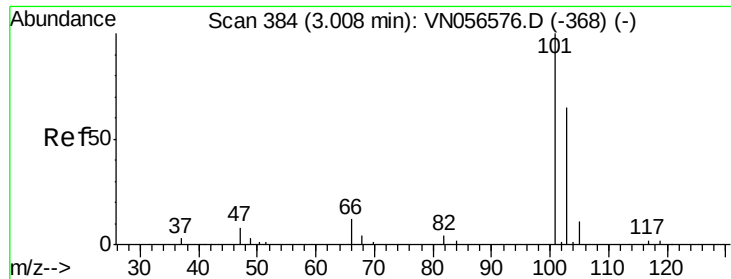
Tot Ion: 94 Resp: 39780
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1



#6
Chloroethane
Concen: 19.330 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 64 Resp: 36794
Ion Ratio Lower Upper
64 100
66 32.6 23.7 35.5



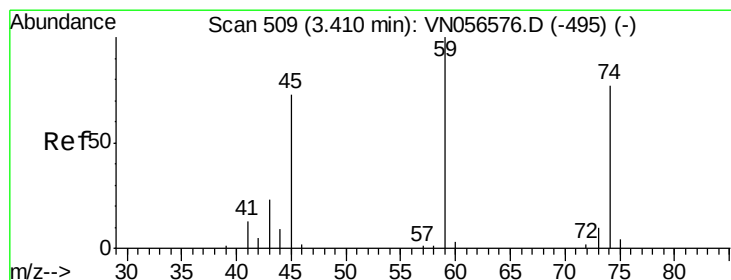
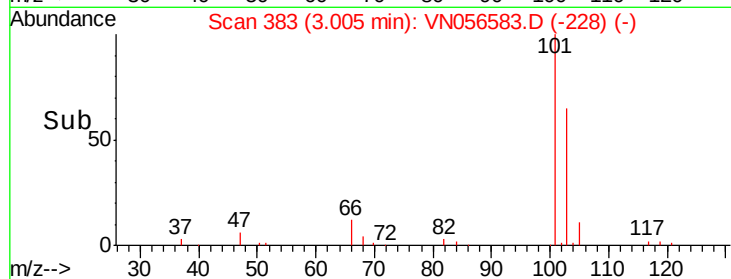
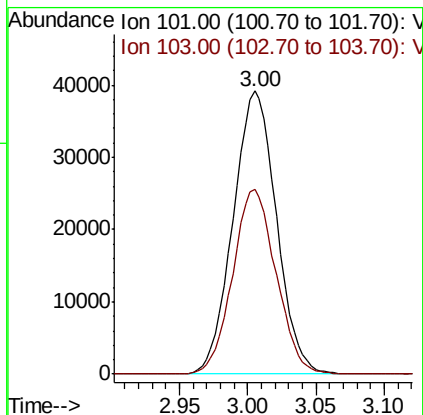
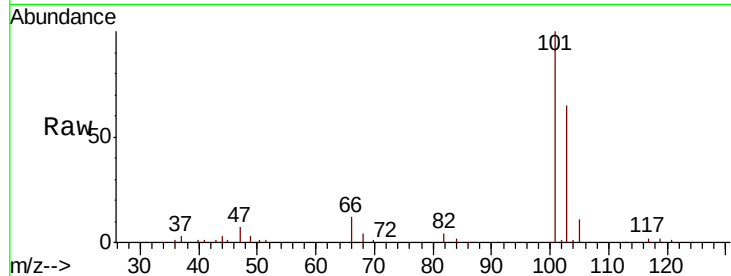


#7

Trichlorofluoromethane
 Concen: 19.584 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

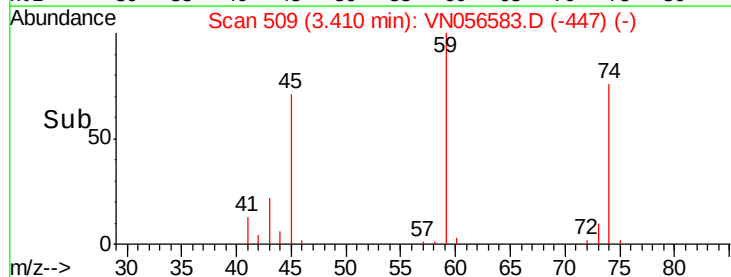
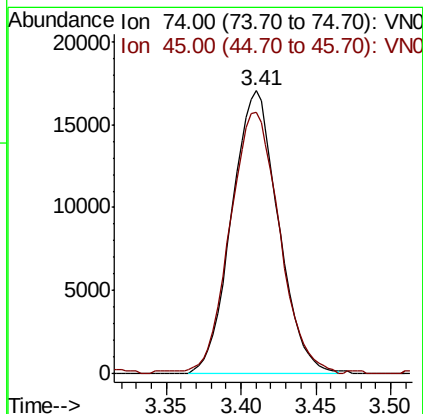
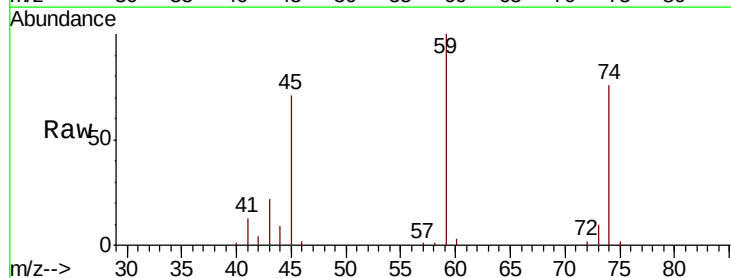
Tot Ion:101 Resp: 86403
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.4 80.0

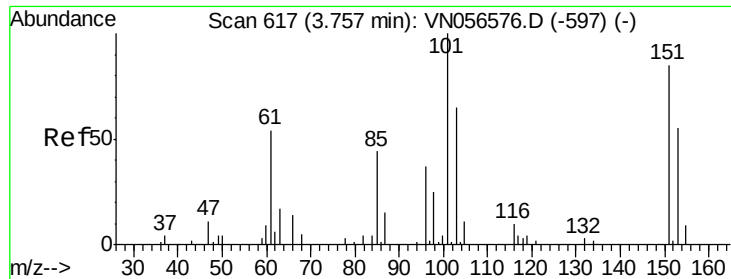


#8

Diethyl Ether
 Concen: 19.785 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 74 Resp: 37028
 Ion Ratio Lower Upper
 74 100
 45 98.0 18.8 169.6

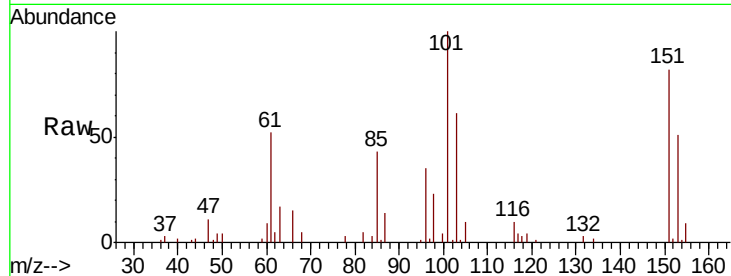




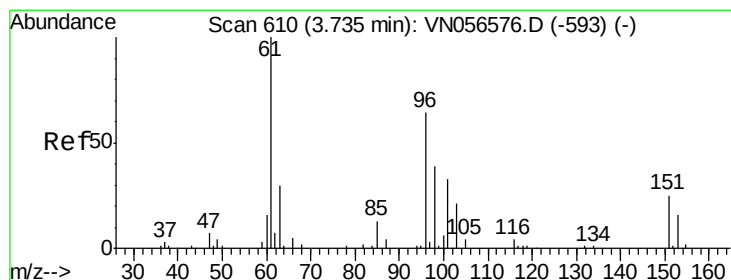
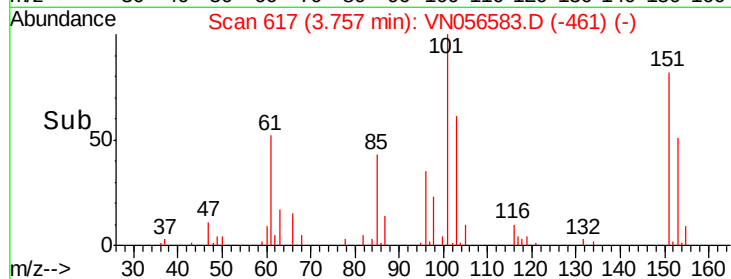
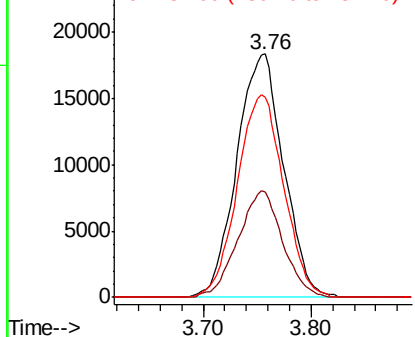
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.783 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion:101 Resp: 55304
 Ion Ratio Lower Upper
 101 100
 85 41.6 0.0 82.0
 151 82.4 0.0 177.0

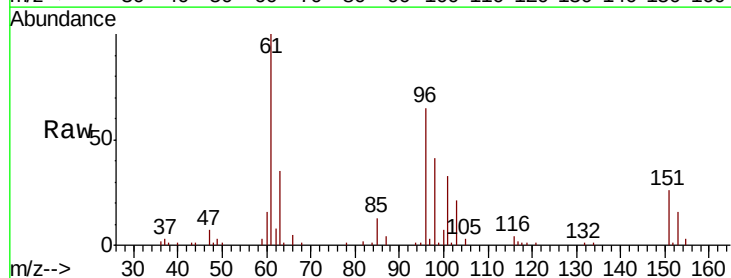


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VN
 Ion 151.00 (150.70 to 151.70): V

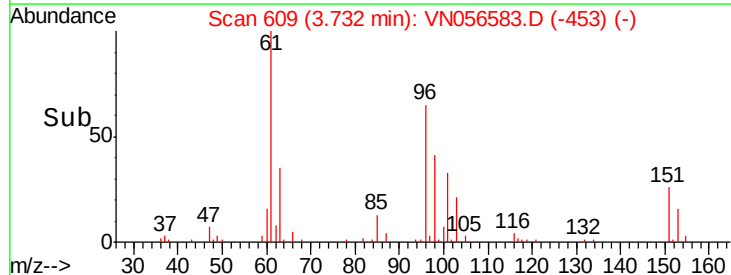
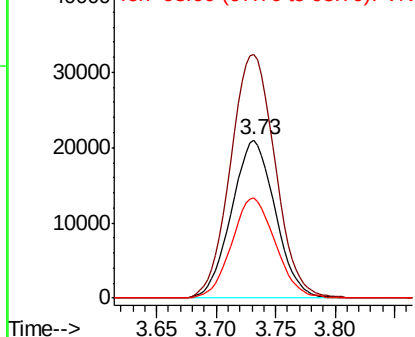


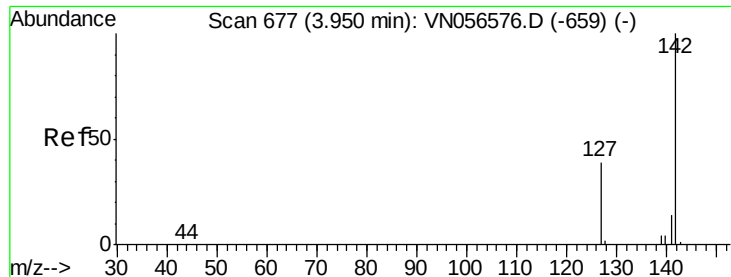
#10
 1,1-Dichloroethene
 Concen: 19.469 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 96 Resp: 53398
 Ion Ratio Lower Upper
 96 100
 61 154.2 119.7 179.5
 98 63.2 52.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): V
 Ion 61.00 (60.70 to 61.70): VN
 Ion 98.00 (97.70 to 98.70): VN

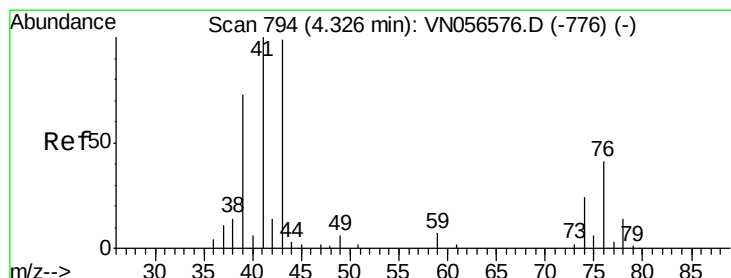
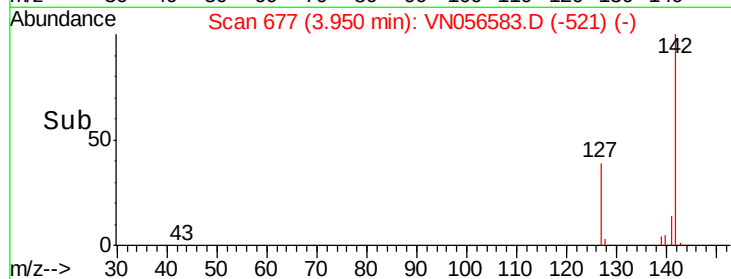
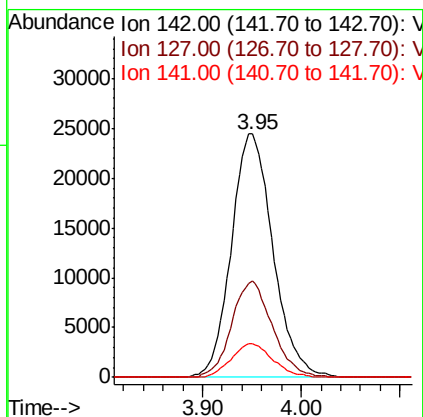
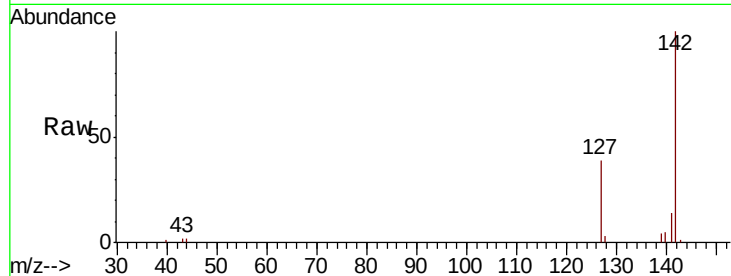




#11
Methyl Iodide
Concen: 18.242 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

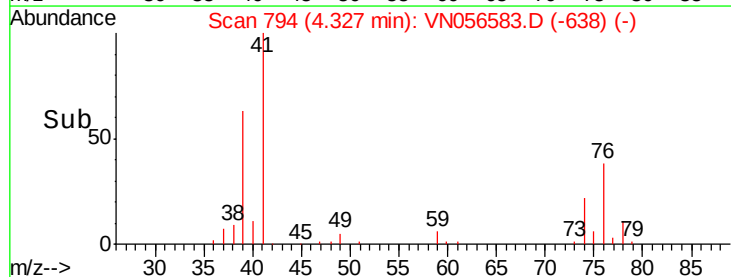
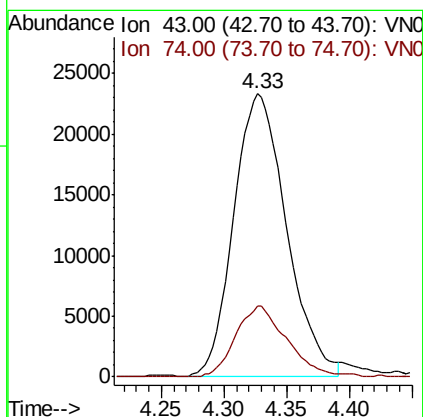
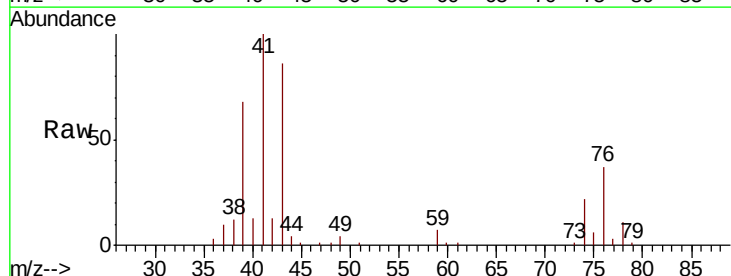
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

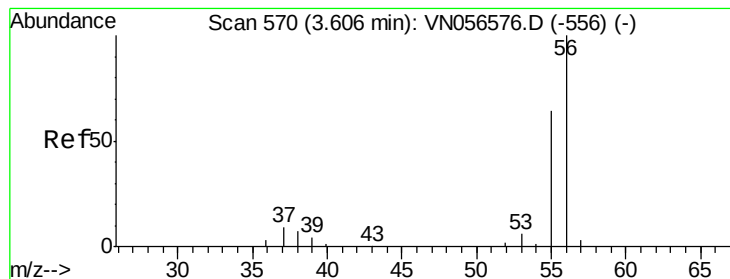
Tot Ion:142 Resp: 71551
Ion Ratio Lower Upper
142 100
127 39.3 19.0 57.0
141 14.0 6.7 20.0



#12
Methyl Acetate
Concen: 18.477 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 43 Resp: 68346
Ion Ratio Lower Upper
43 100
74 25.2 19.9 29.9





#13

Acrolein

Concen: 88.494 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

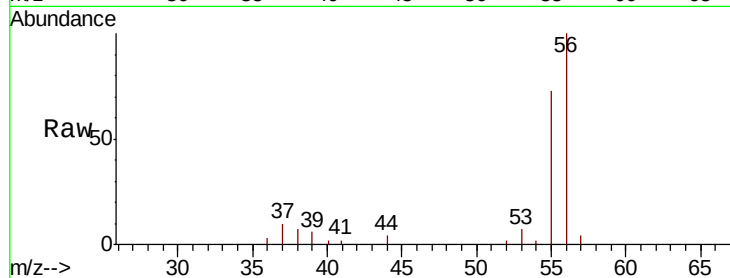
VN0703WBS01

Tot Ion: 56 Resp: 31960

Ion Ratio Lower Upper

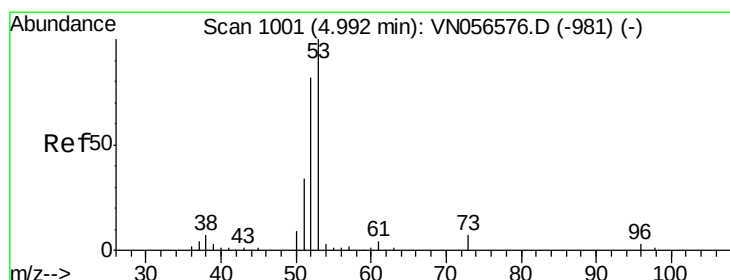
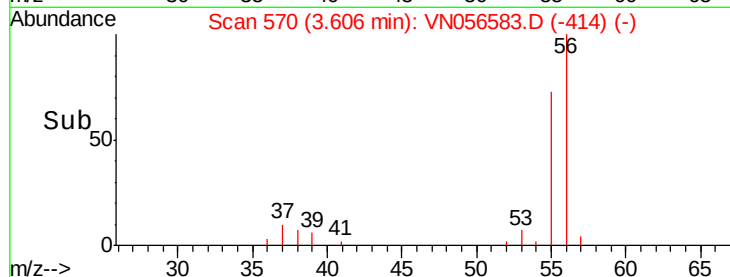
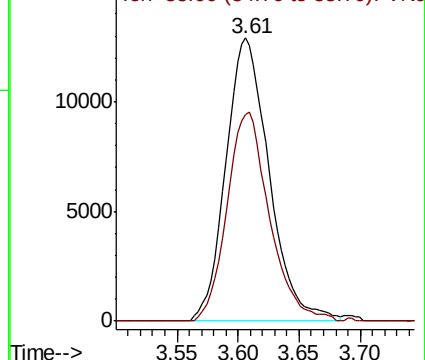
56 100

55 71.8 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 100.544 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

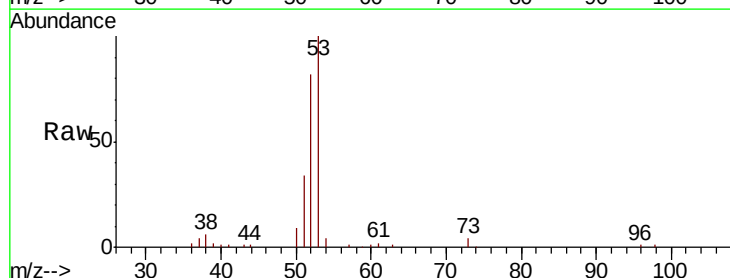
Tgt Ion: 53 Resp: 163299

Ion Ratio Lower Upper

53 100

52 81.0 40.8 122.2

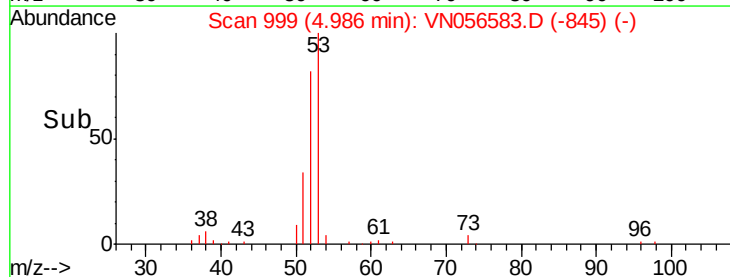
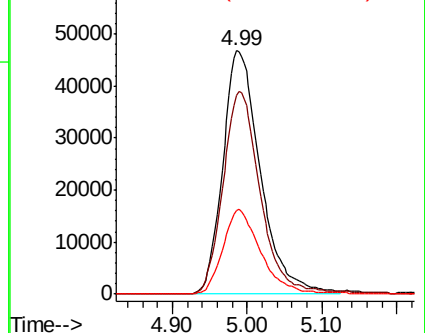
51 34.3 17.3 52.0

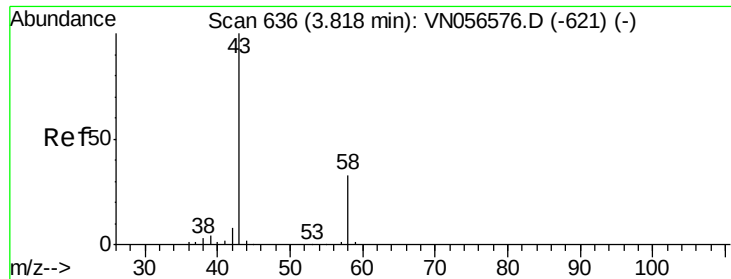


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 98.033 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

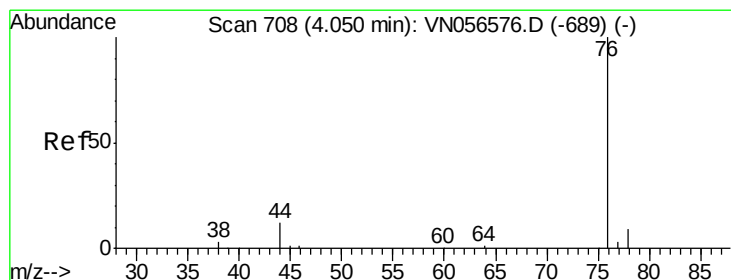
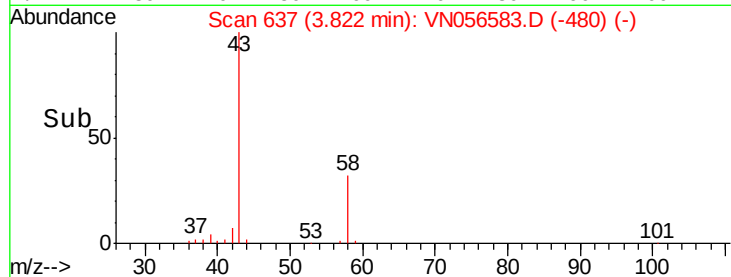
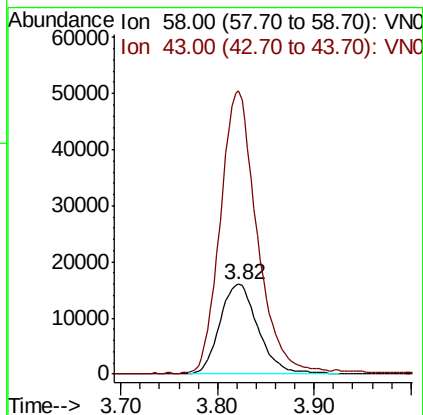
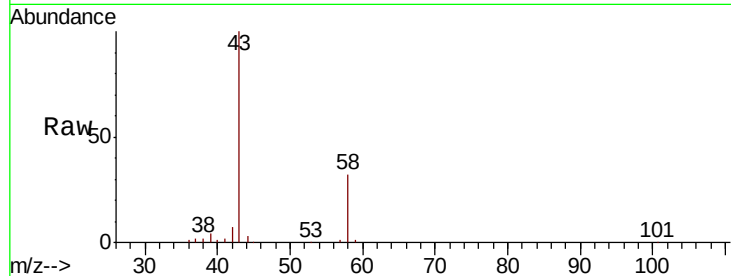
VN0703WBS01

Tot Ion: 58 Resp: 44425

Ion Ratio Lower Upper

58 100

43 312.7 232.5 348.7



#16

Carbon Disulfide

Concen: 18.432 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056583.D

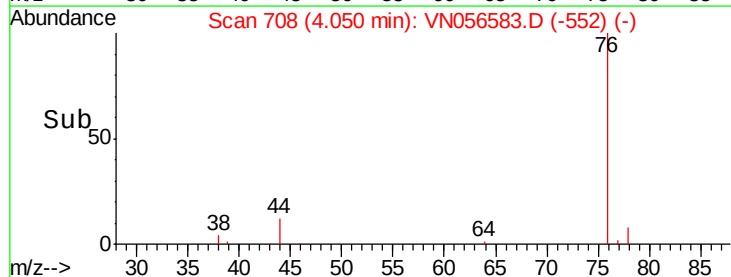
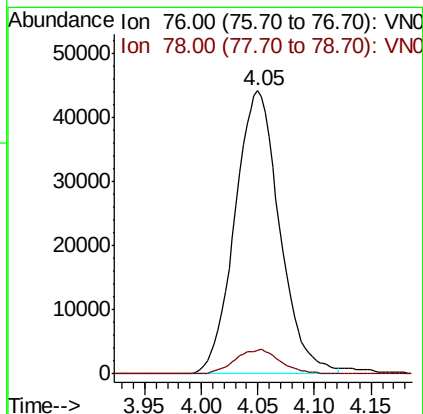
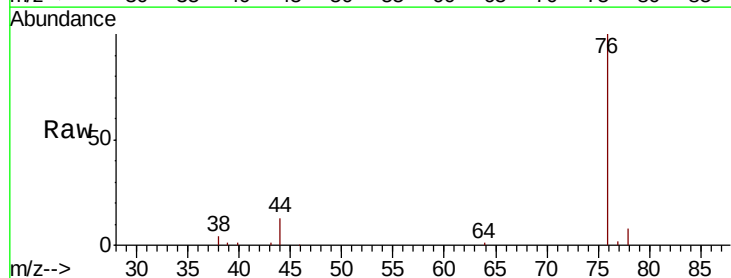
Acq: 3 Jul 2019 12:38

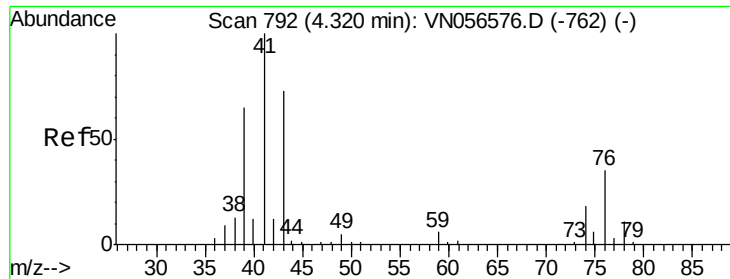
Tgt Ion: 76 Resp: 121560

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

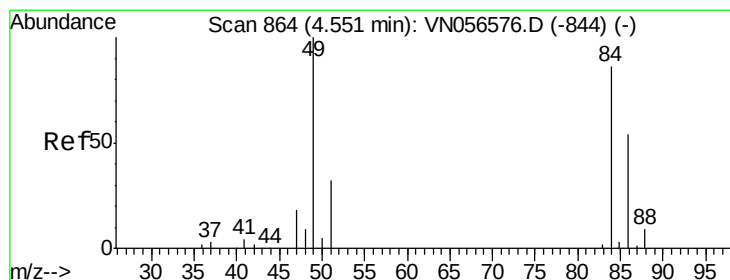
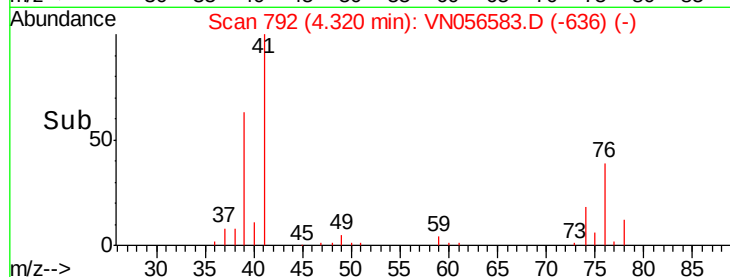
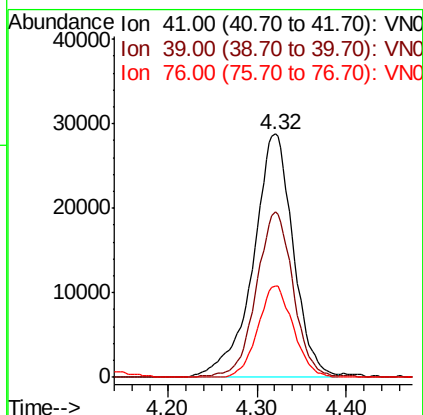
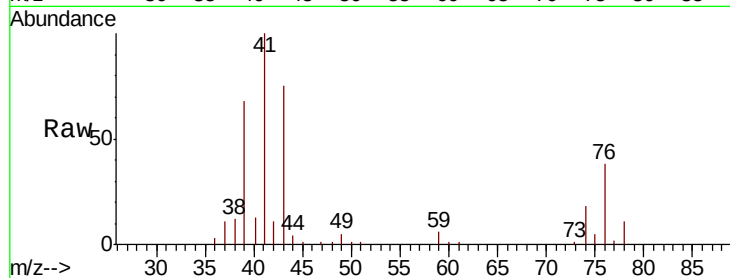




#17
Allvl chloride
Concen: 18.764 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

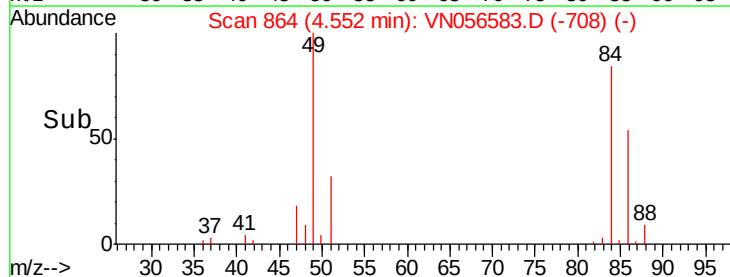
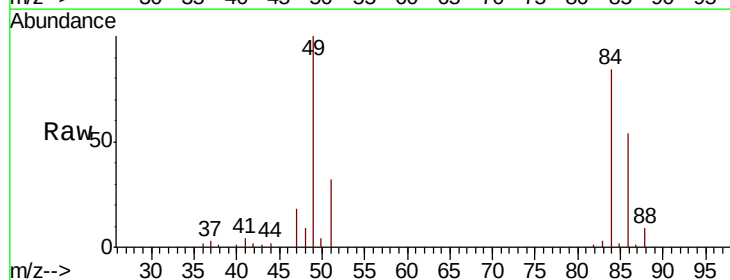
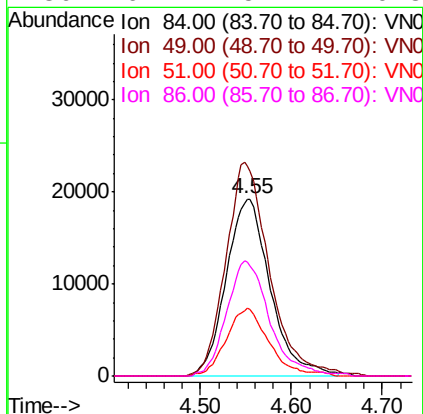
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

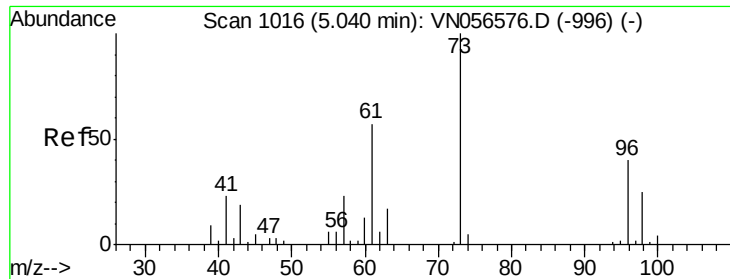
Tot Ion: 41 Resp: 90065
Ion Ratio Lower Upper
41 100
39 67.8 33.0 99.0
76 37.7 18.9 56.9



#18
Methylene Chloride
Concen: 19.930 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 84 Resp: 64633
Ion Ratio Lower Upper
84 100
49 118.2 87.6 131.4
51 38.4 27.0 40.4
86 64.7 51.2 76.8

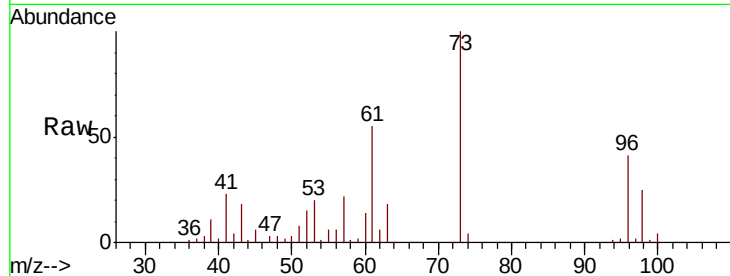




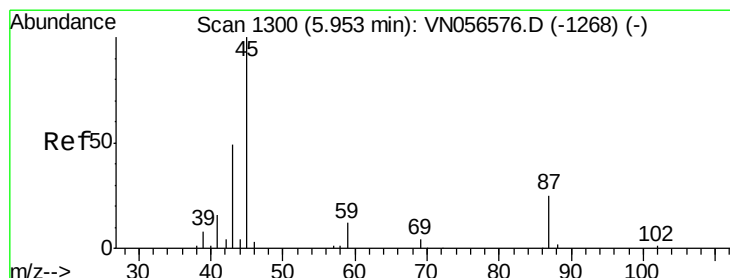
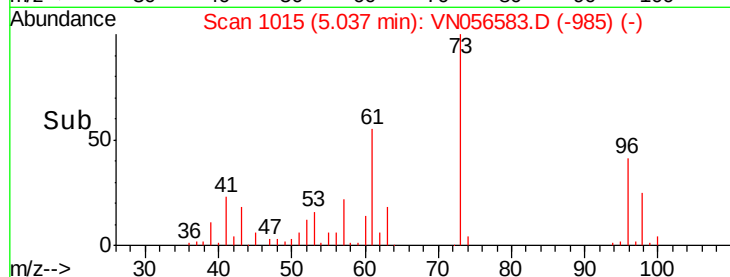
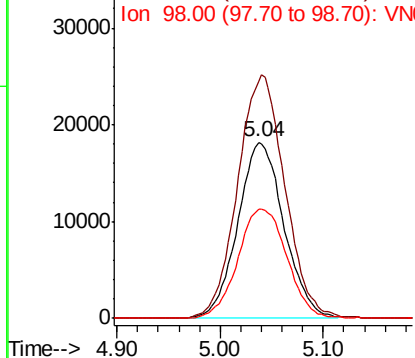
#19
trans-1,2-Dichloroethene
Concen: 19.044 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion: 96 Resp: 56654
Ion Ratio Lower Upper
96 100
61 135.2 102.5 153.7
98 61.9 46.9 70.3

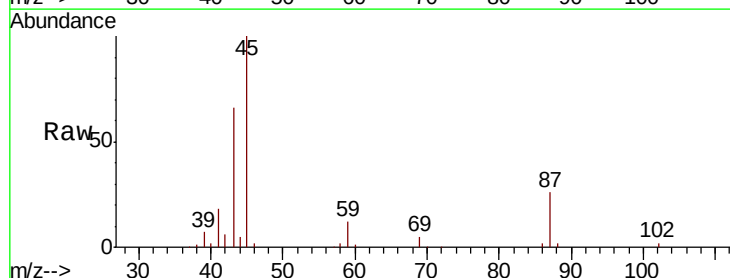


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

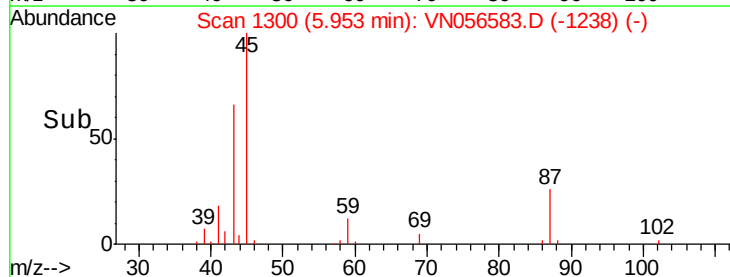
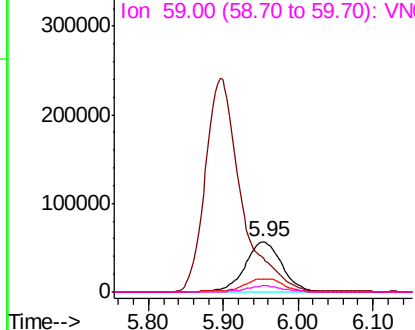


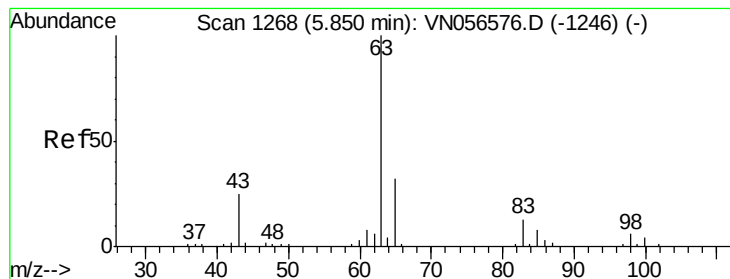
#20
Diisopropyl ether
Concen: 19.629 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 45 Resp: 194648
Ion Ratio Lower Upper
45 100
43 63.8 48.0 72.0
87 26.1 23.4 35.2
59 11.6 9.2 13.8



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

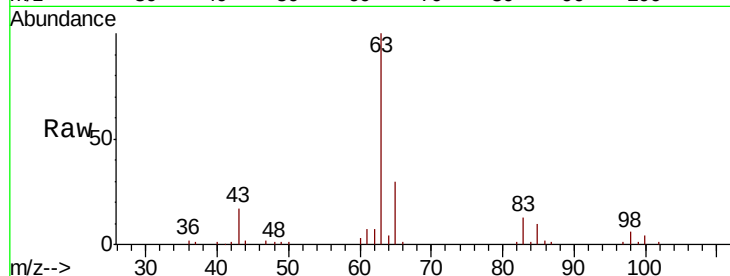




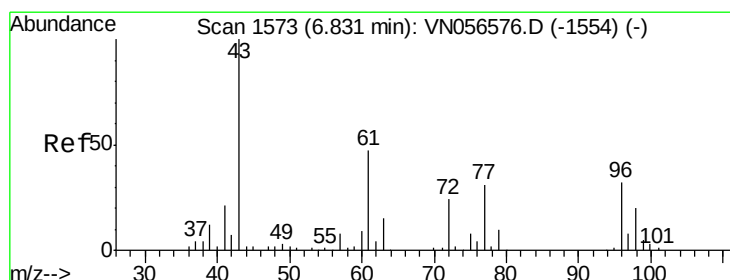
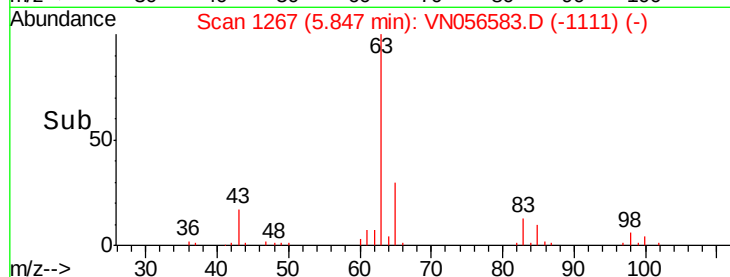
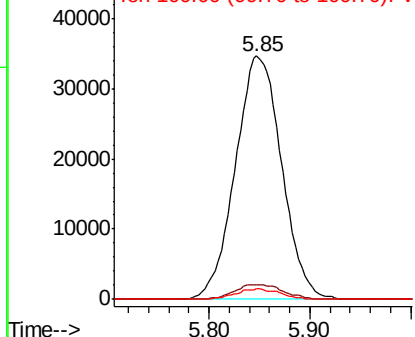
#21
 1,1-Dichloroethane
 Concen: 19.716 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion: 63 Resp: 110289
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 4.2 2.3 6.9

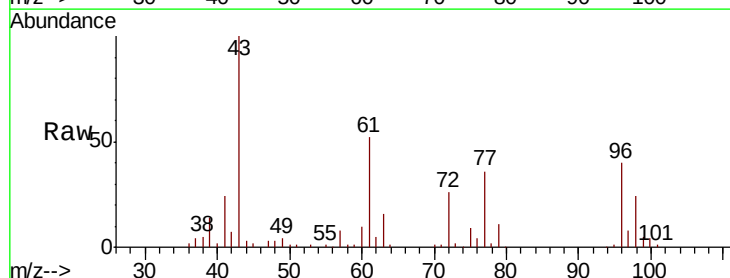


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

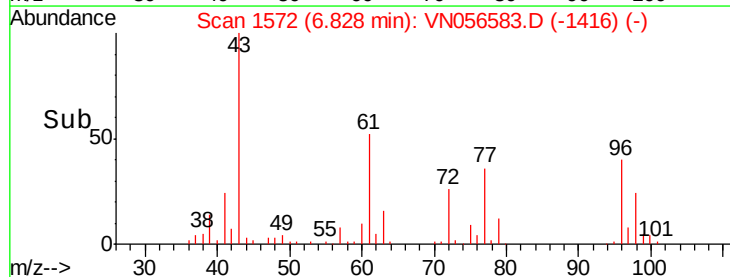
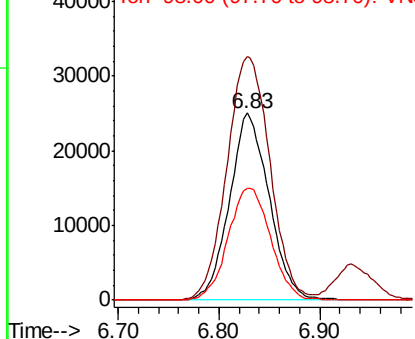


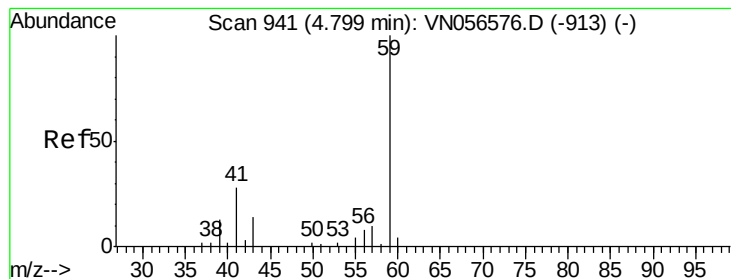
#22
 cis-1,2-Dichloroethene
 Concen: 19.556 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 96 Resp: 68414
 Ion Ratio Lower Upper
 96 100
 61 141.5 105.7 158.5
 98 64.1 52.0 78.0



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



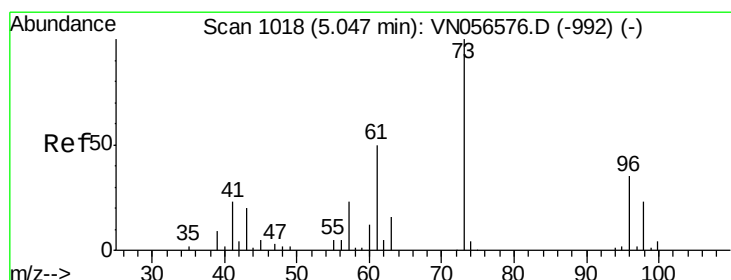
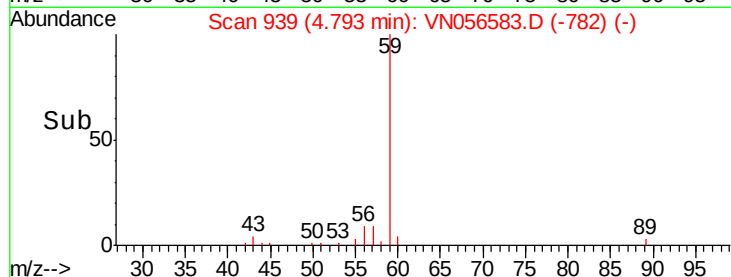
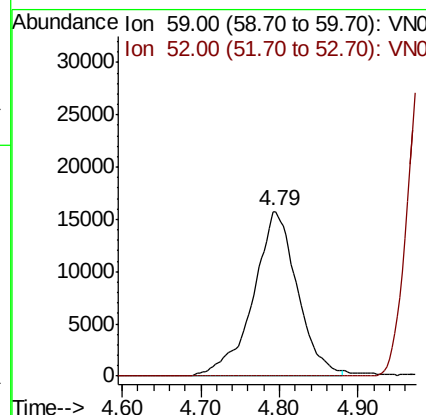
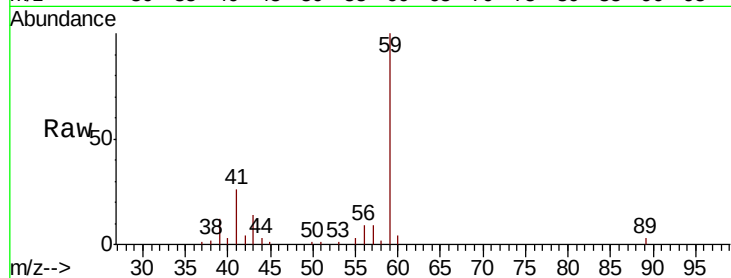


#23

tert-Butyl Alcohol
 Concen: 102.142 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

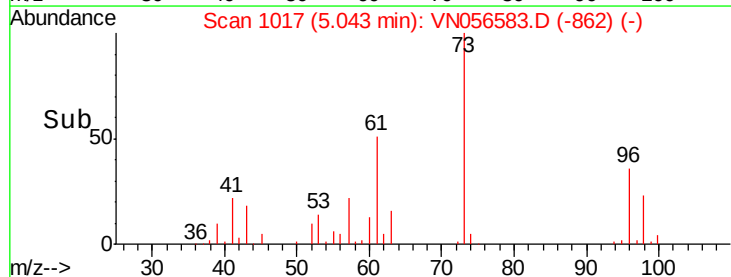
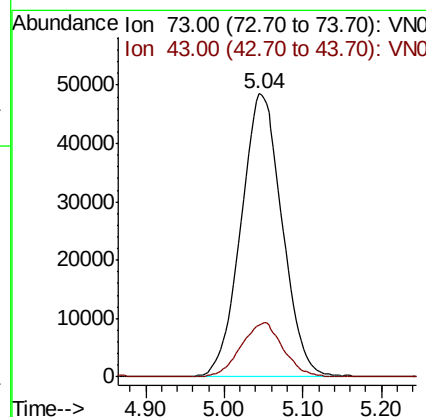
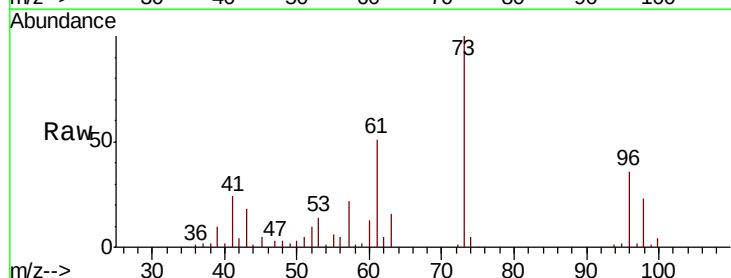
Tot Ion: 59 Resp: 62057
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

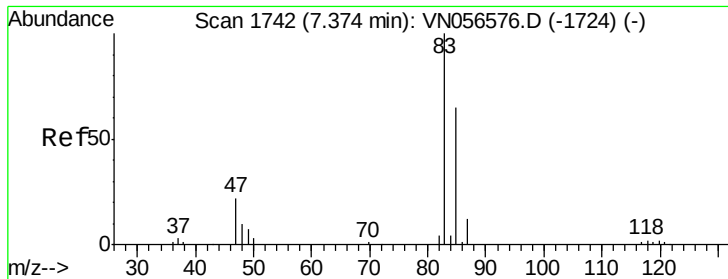


#24

Methyl tert-Butyl Ether
 Concen: 19.670 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 73 Resp: 178448
 Ion Ratio Lower Upper
 73 100
 43 19.6 15.4 23.0

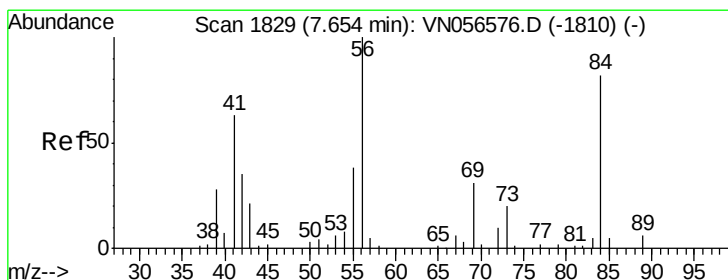
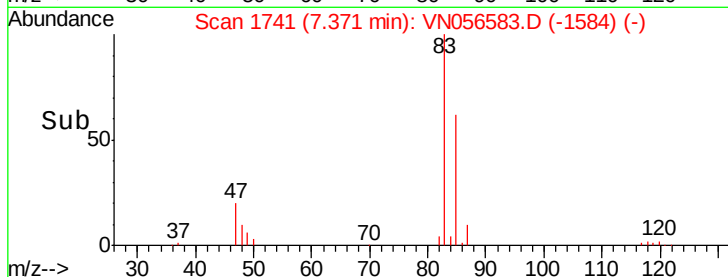
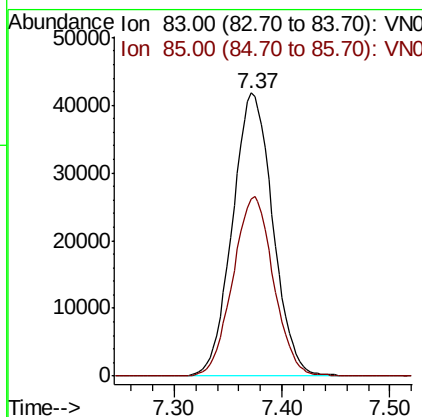
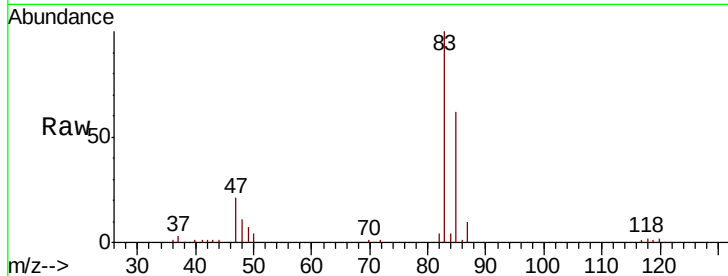




#25
Chloroform
Concen: 19.888 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

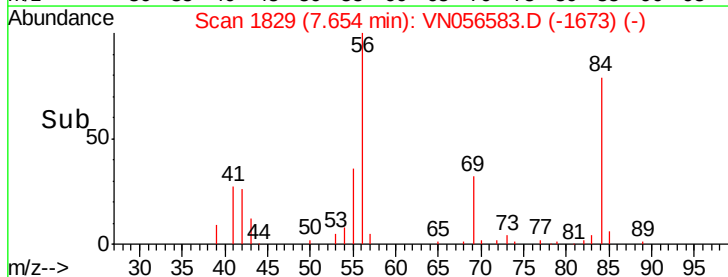
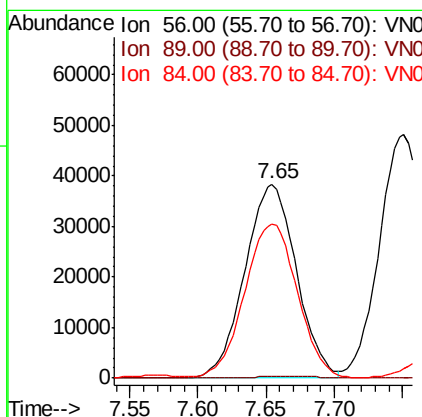
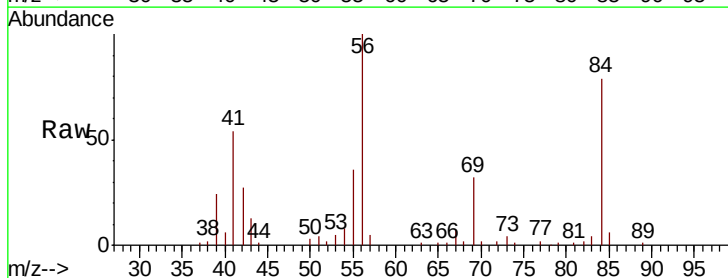
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

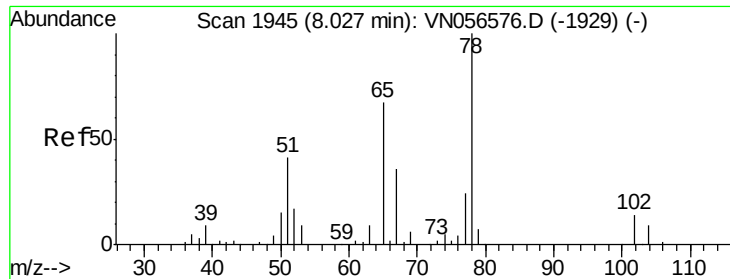
Tot Ion: 83 Resp: 109047
Ion Ratio Lower Upper
83 100
85 62.4 52.0 78.0



#26
Cyclohexane
Concen: 19.533 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 56 Resp: 100645
Ion Ratio Lower Upper
56 100
89 0.4 0.0 0.0#
84 81.6 70.1 105.1

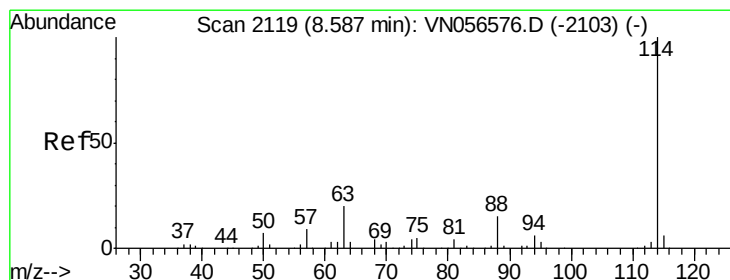
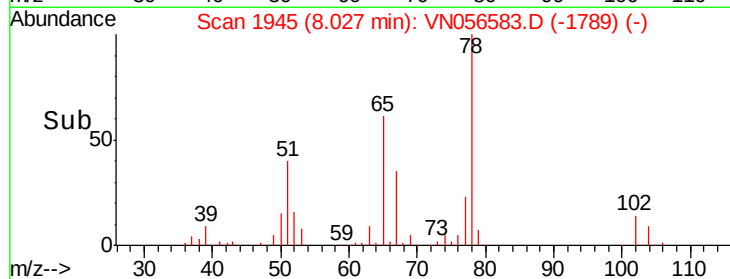
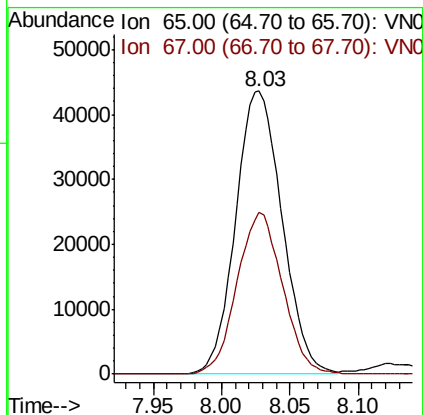
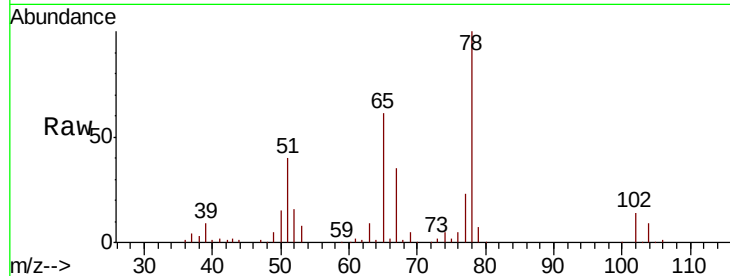




#27
 1,2-Dichloroethane-d4
 Concen: 29.795 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

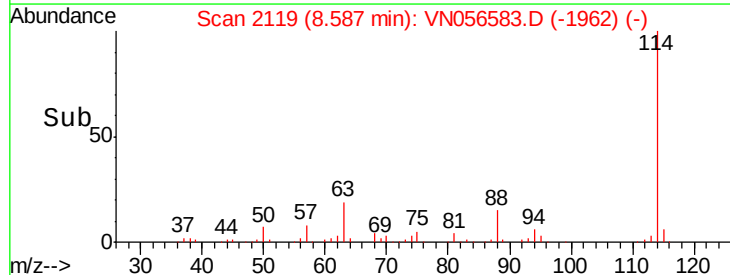
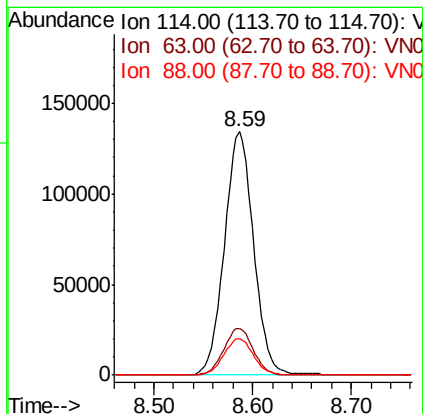
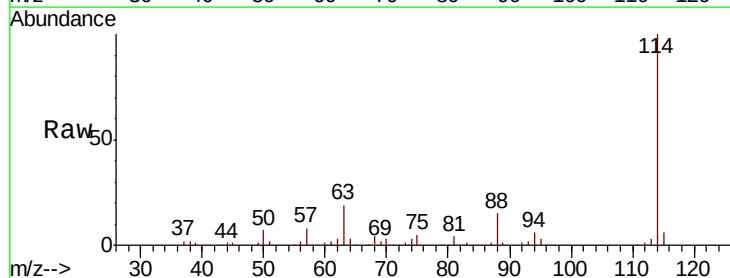
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

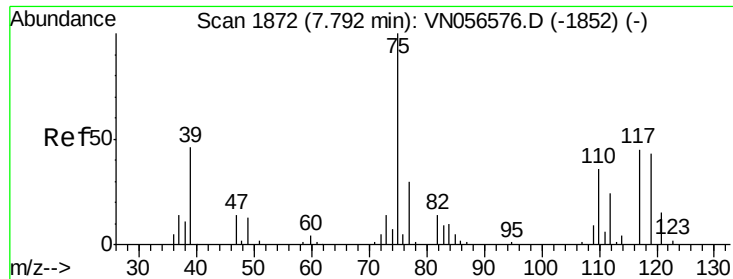
Tot Ion: 65 Resp: 103066
 Ion Ratio Lower Upper
 65 100
 67 55.8 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 114 Resp: 278037
 Ion Ratio Lower Upper
 114 100
 63 19.3 14.7 22.1
 88 15.2 11.9 17.9

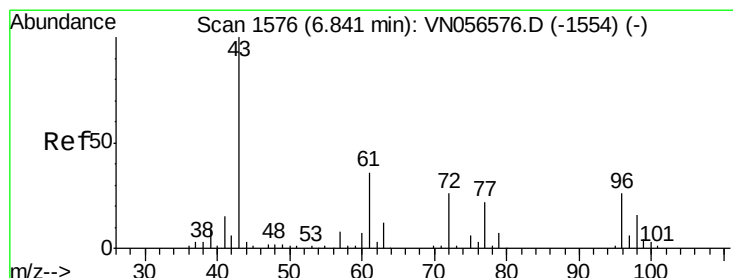
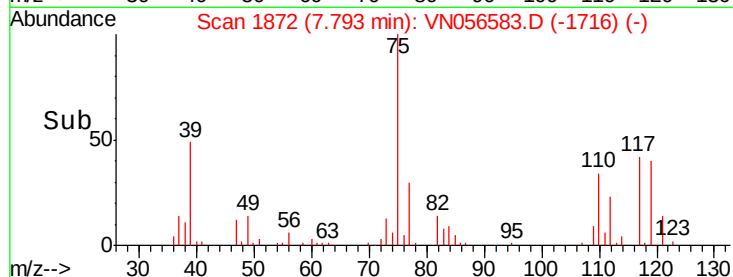
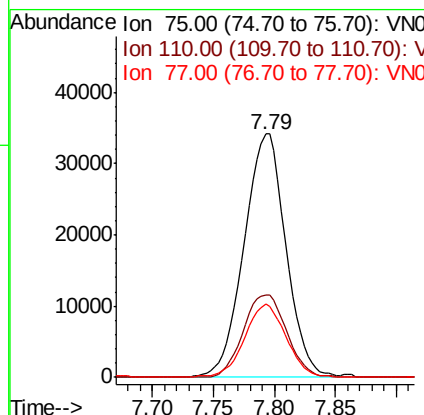
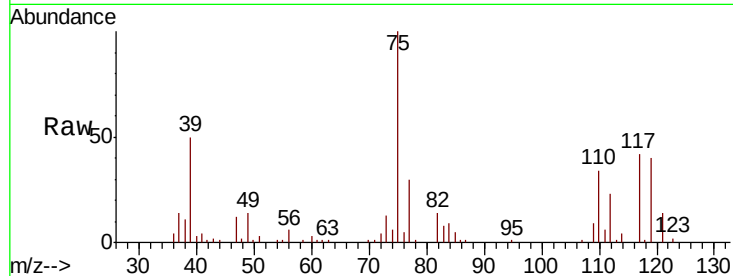




#29
 1,1-Dichloropropene
 Concen: 19.769 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

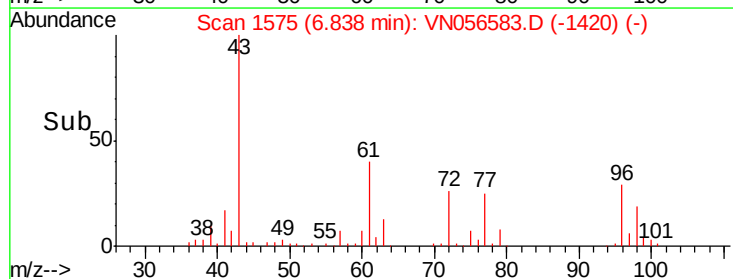
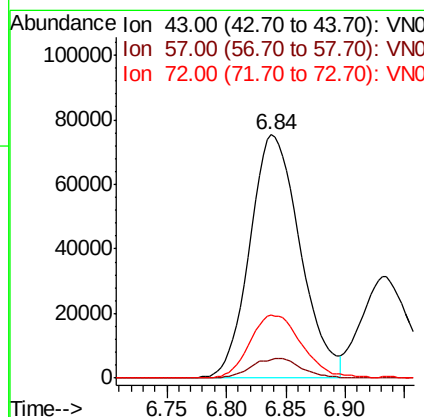
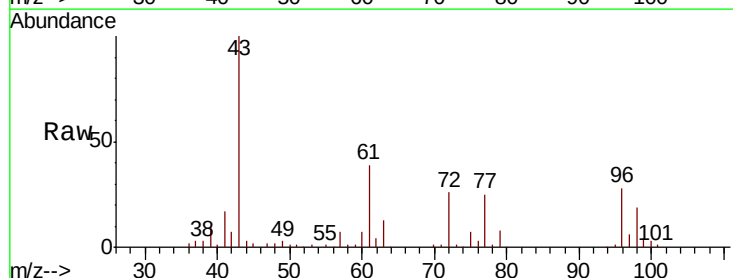
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

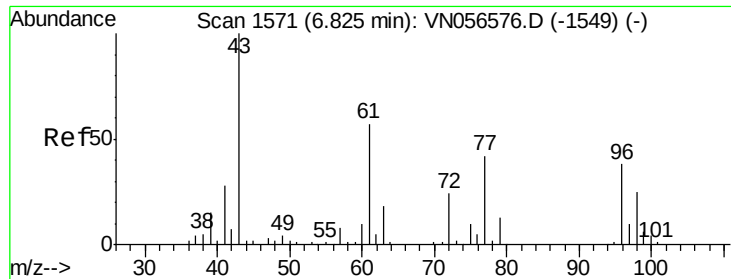
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	77.0
77	29.7	0.0	62.4



#30
 2-Butanone
 Concen: 97.069 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.7	10.1
72	26.8	22.4	33.6

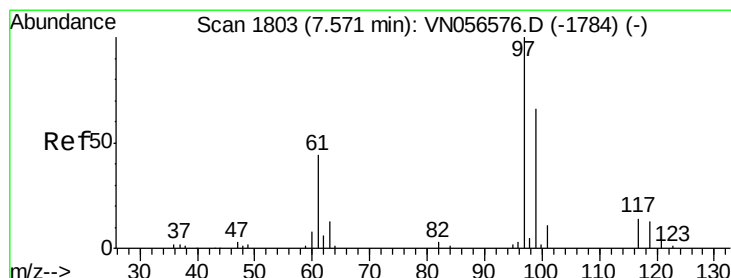
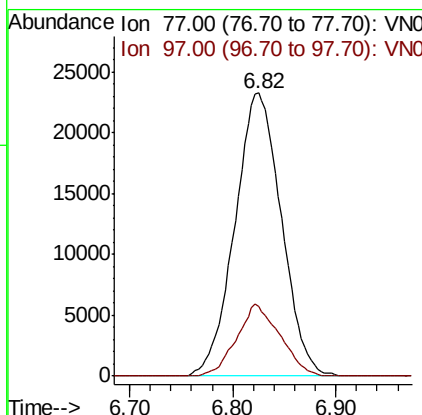
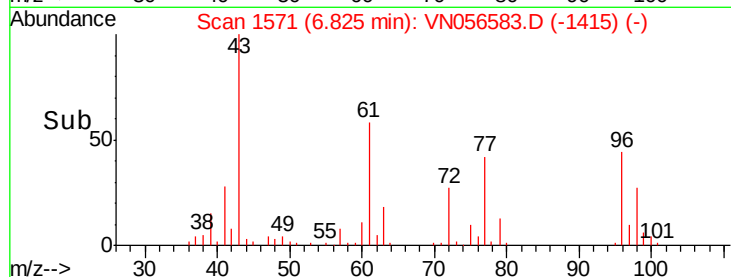
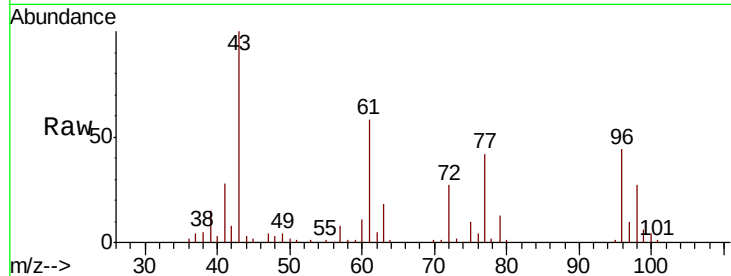




#31
 2,2-Dichloropropane
 Concen: 18.472 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

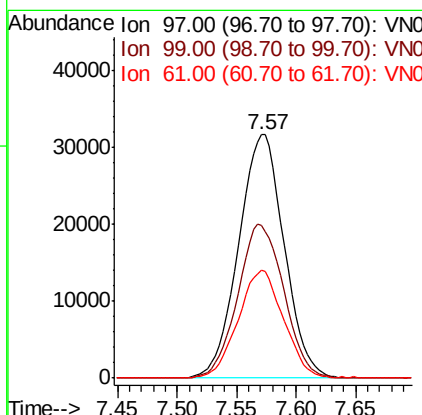
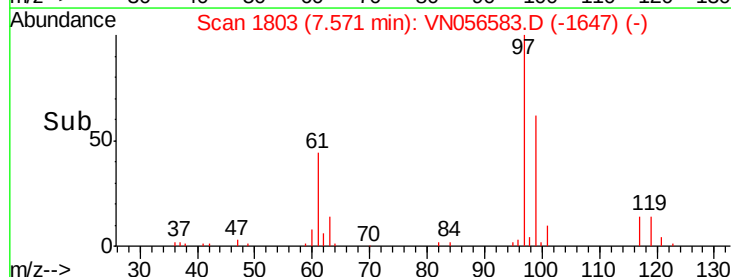
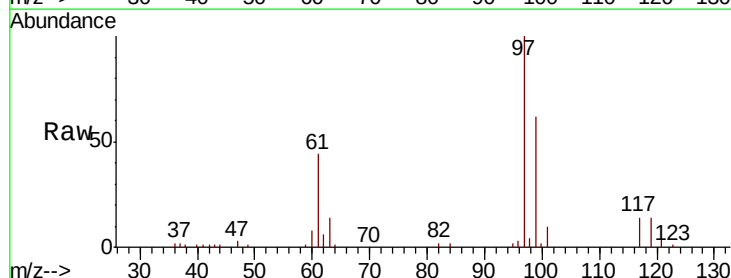
Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

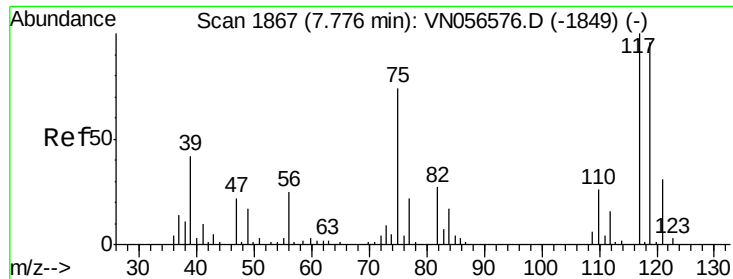
Tot Ion: 77 Resp: 72922
 Ion Ratio Lower Upper
 77 100
 97 23.5 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 19.162 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 97 Resp: 83868
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.5 77.3
 61 44.1 32.9 49.3

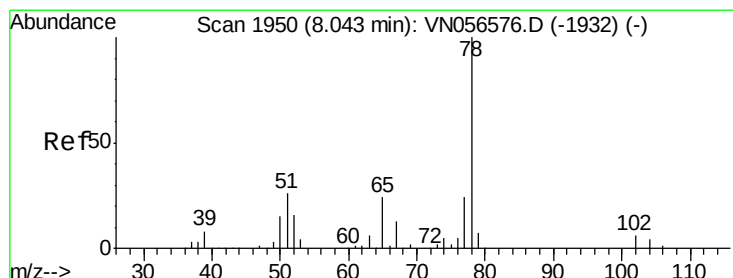
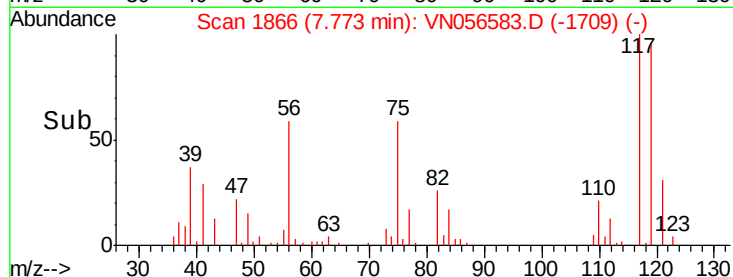
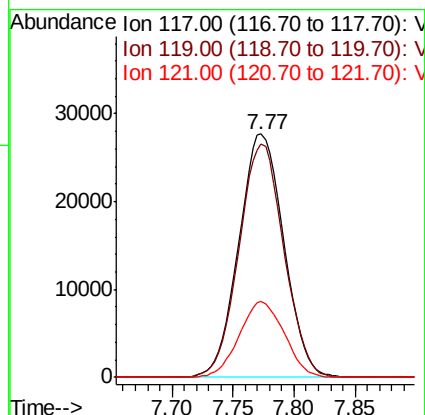
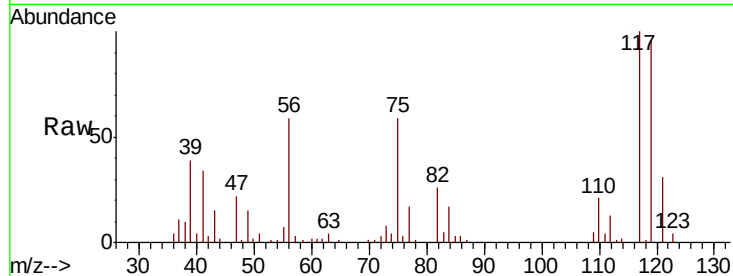




#33
Carbon Tetrachloride
Concen: 19.091 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

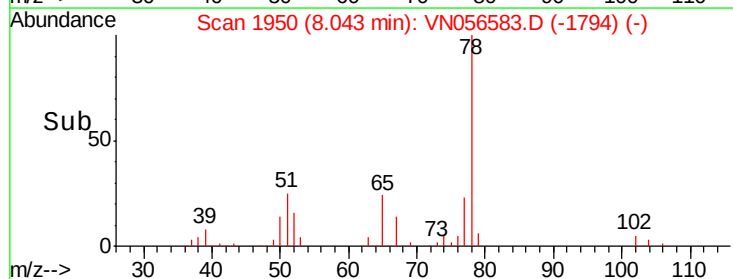
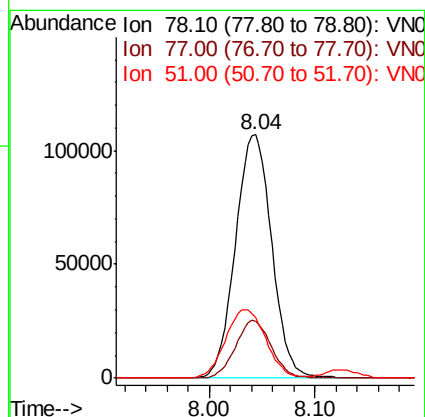
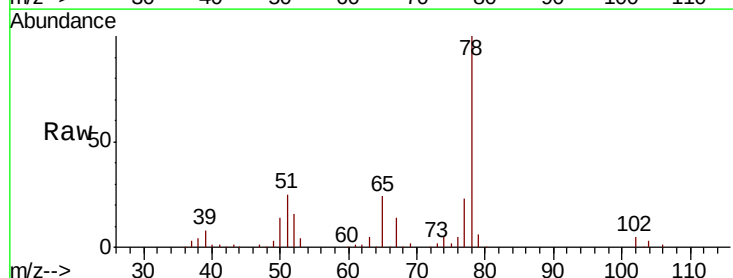
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

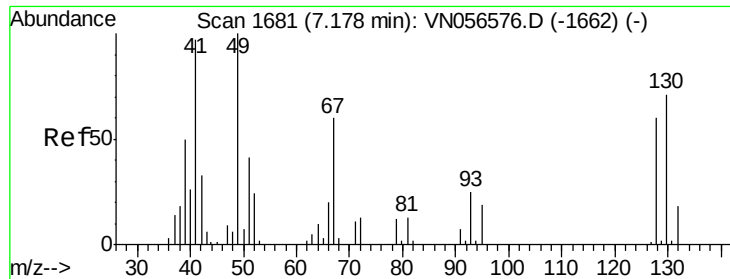
Tot Ion:117 Resp: 70834
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 31.2 25.0 37.4



#34
Benzene
Concen: 19.931 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 78 Resp: 255880
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 24.7 19.8 29.8

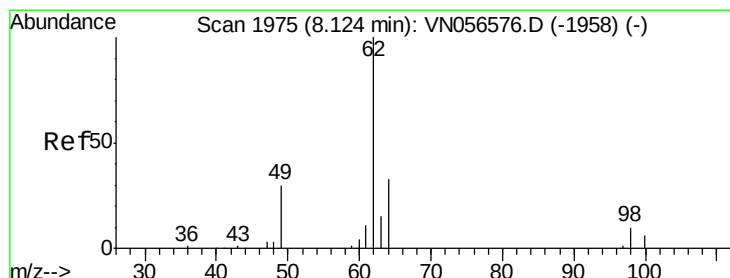
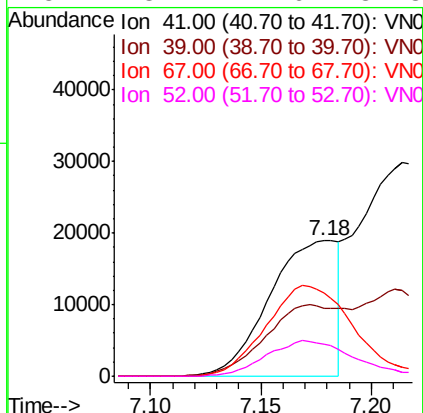
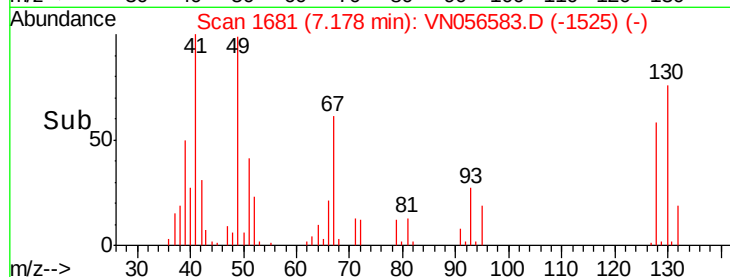
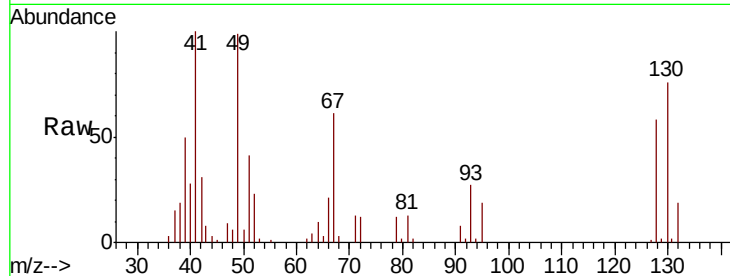




#35
Methacrylonitrile
Concen: 20.055 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

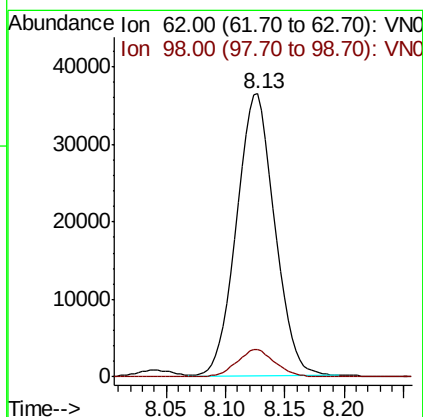
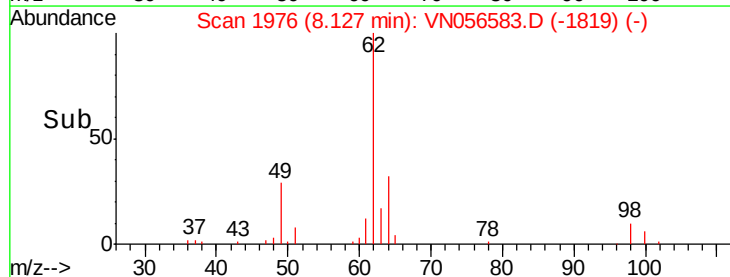
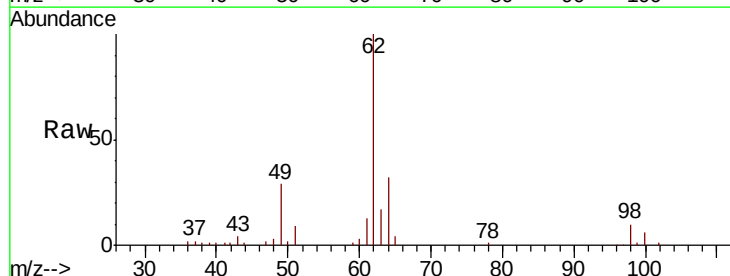
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

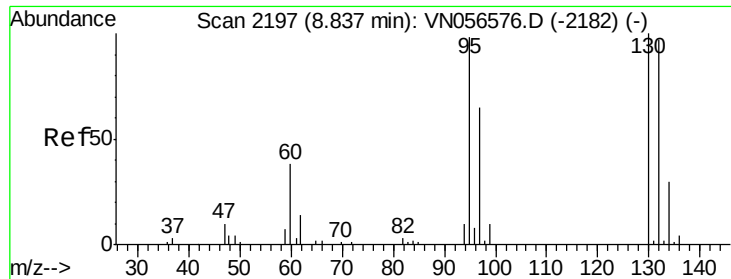
Tot Ion:	41	Resp:	40538
Ion	Ratio	Lower	Upper
41	100		
39	49.6	24.8	74.3
67	61.3	34.3	102.9
52	23.2	12.6	37.8



#36
1,2-Dichloroethane
Concen: 19.393 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion:	62	Resp:	80925
Ion	Ratio	Lower	Upper
62	100		
98	9.6	8.6	13.0

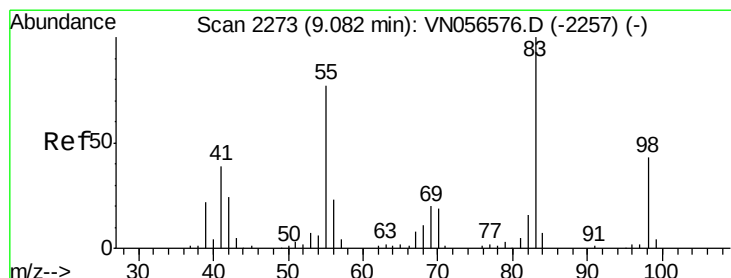
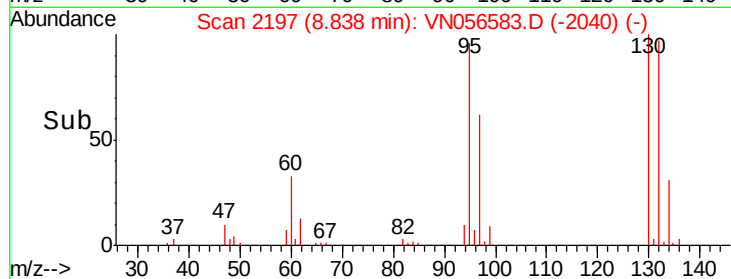
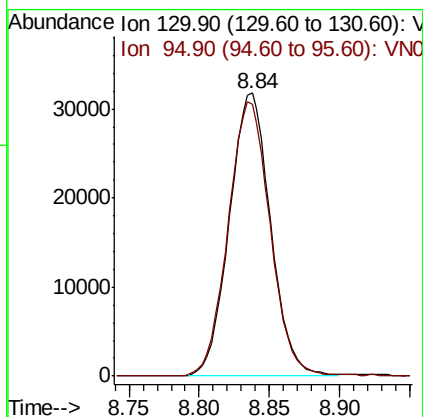
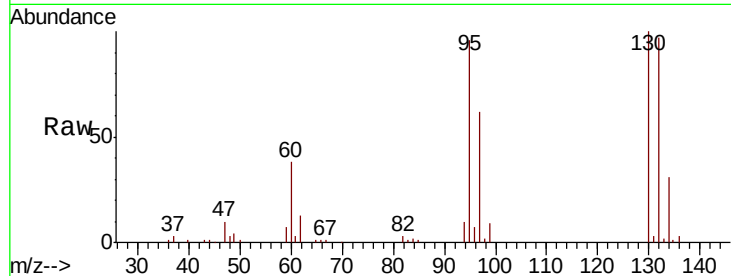




#37
 Trichloroethene
 Concen: 19.383 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

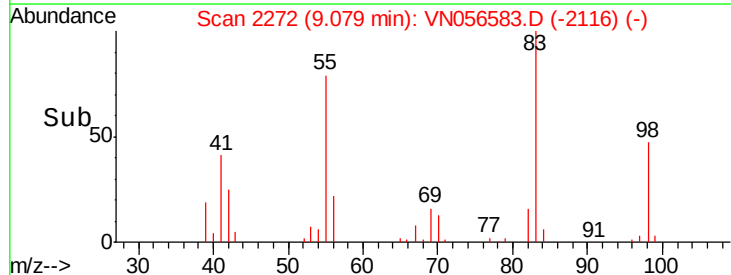
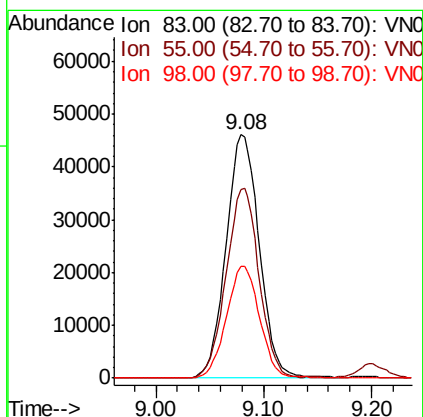
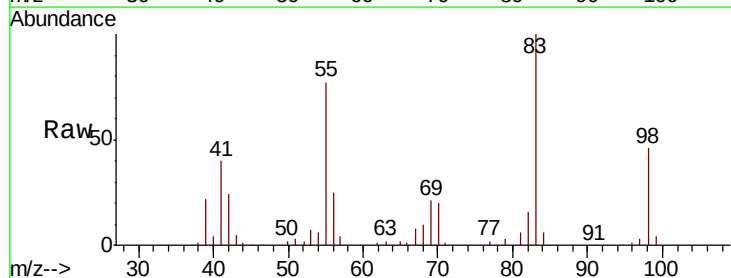
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

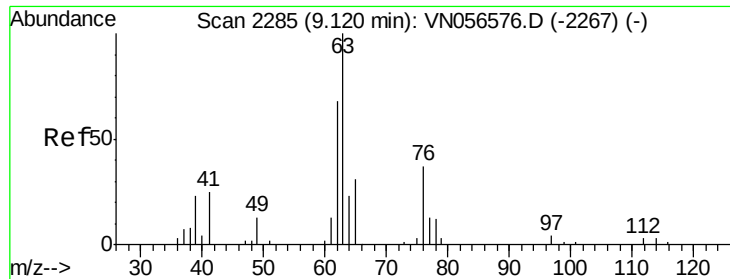
Tot Ion:130 Resp: 64901
 Ion Ratio Lower Upper
 130 100
 95 95.6 73.0 109.6



#38
 Methylcyclohexane
 Concen: 19.240 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 83 Resp: 98997
 Ion Ratio Lower Upper
 83 100
 55 77.1 37.5 112.7
 98 45.8 23.1 69.3

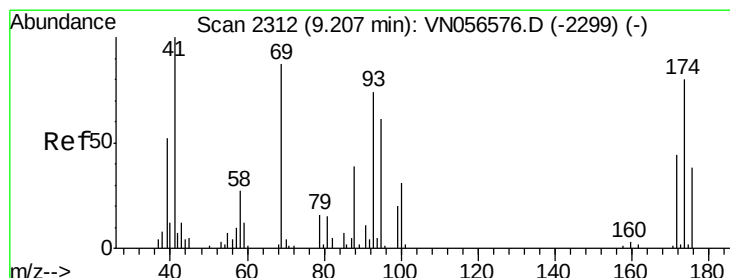
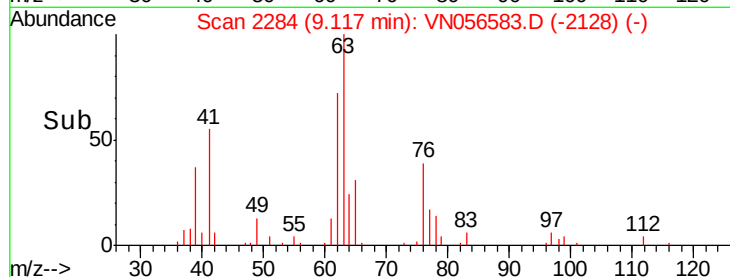
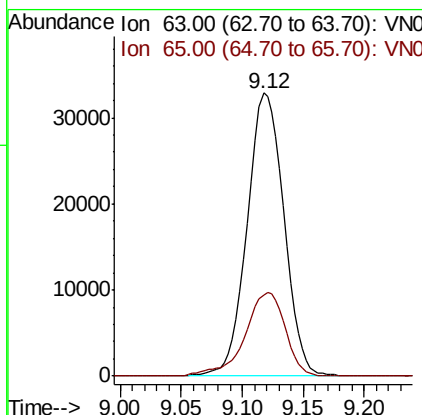
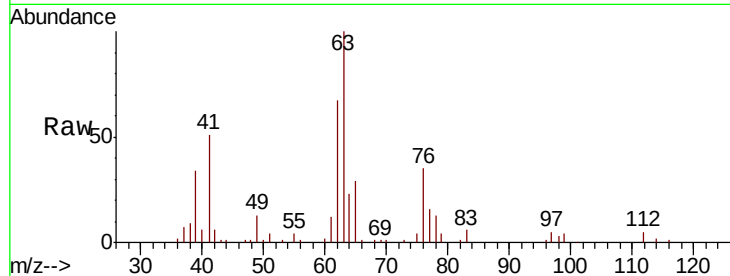




#39
 1,2-Dichloropropane
 Concen: 19.833 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

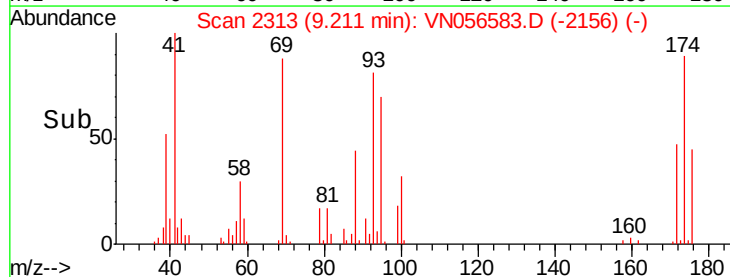
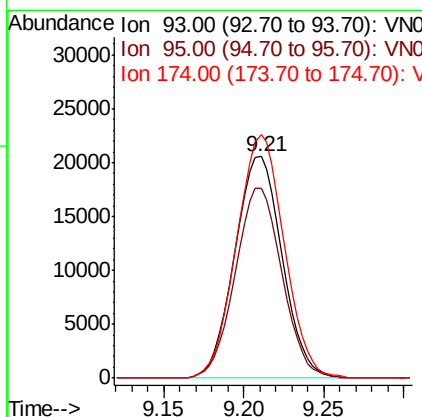
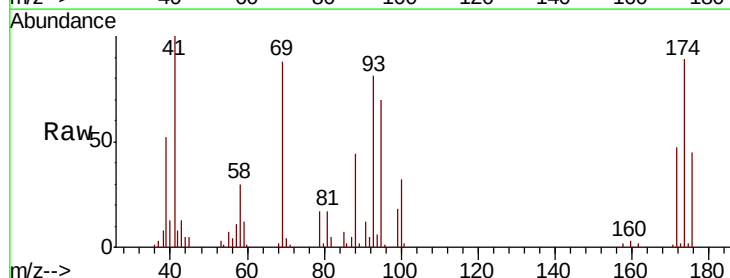
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

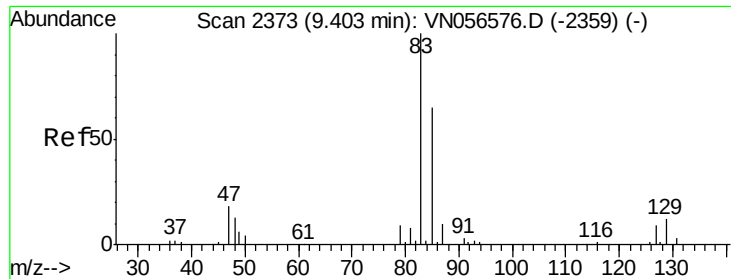
Tot Ion: 63 Resp: 68543
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.1 34.7



#40
 Dibromomethane
 Concen: 19.476 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 93 Resp: 41607
 Ion Ratio Lower Upper
 93 100
 95 84.7 0.0 169.0
 174 110.5 0.0 246.4





#41

Bromodichloromethane

Concen: 18.988 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

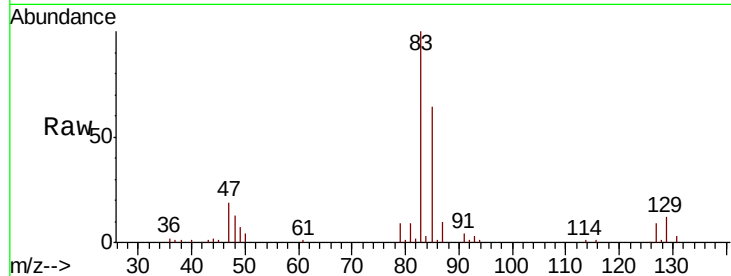
Tot Ion: 83 Resp: 75181

Ion Ratio Lower Upper

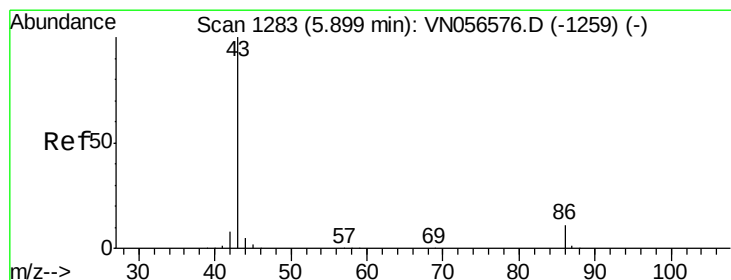
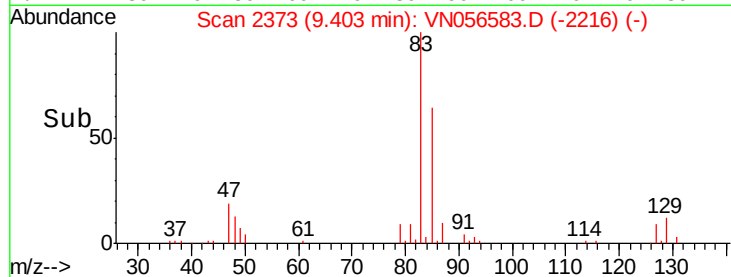
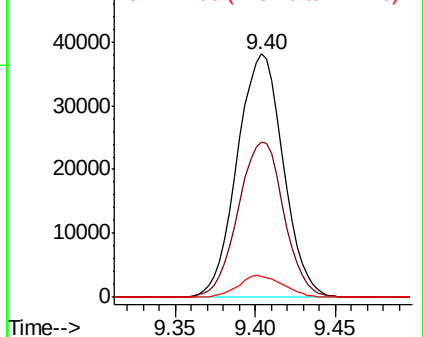
83 100

85 64.0 51.8 77.6

127 8.8 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.083 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056583.D

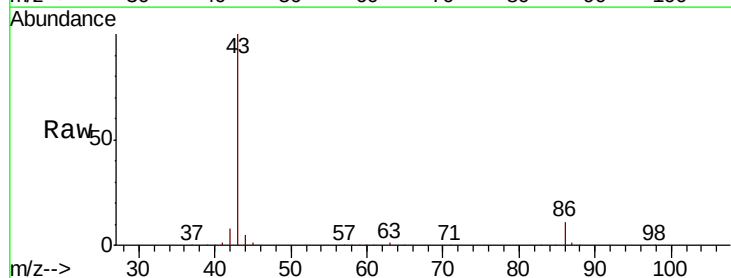
Acq: 3 Jul 2019 12:38

Tgt Ion: 43 Resp: 803007

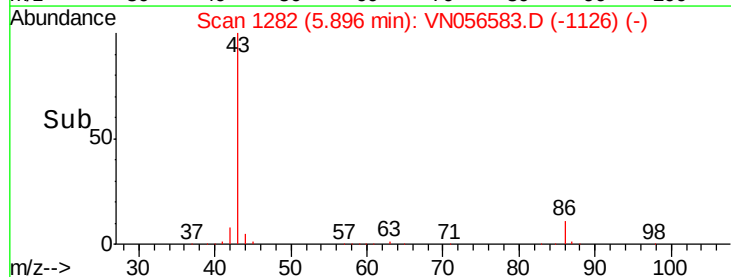
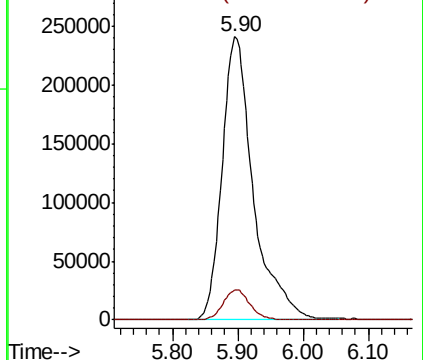
Ion Ratio Lower Upper

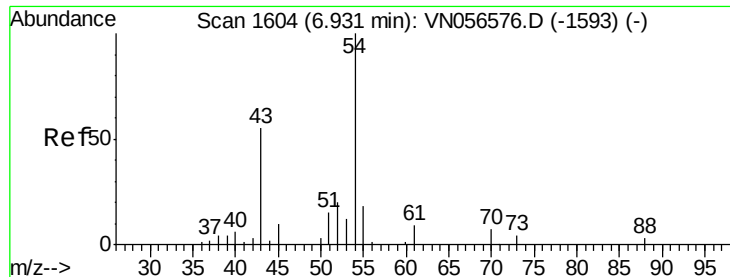
43 100

86 9.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

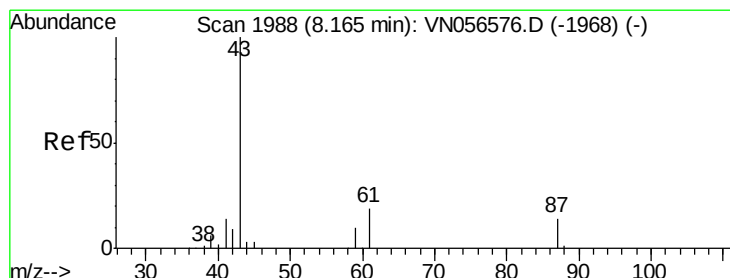
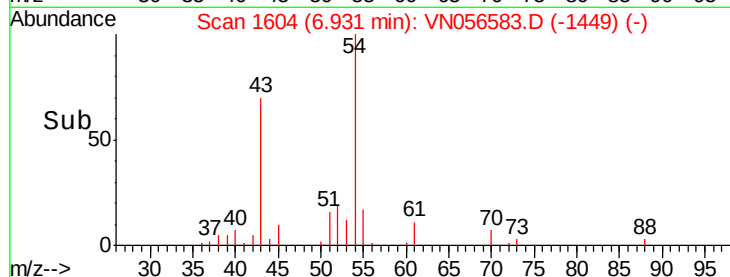
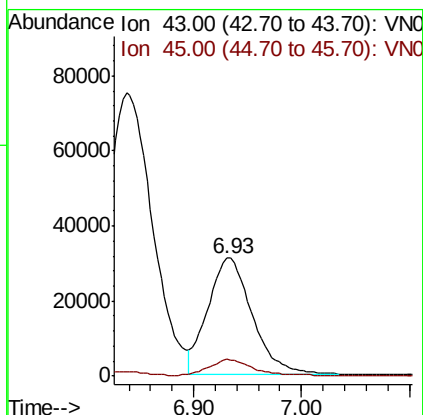
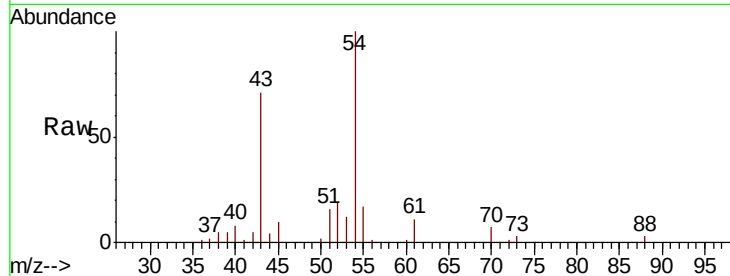




#43
Ethyl Acetate
Concen: 20.164 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

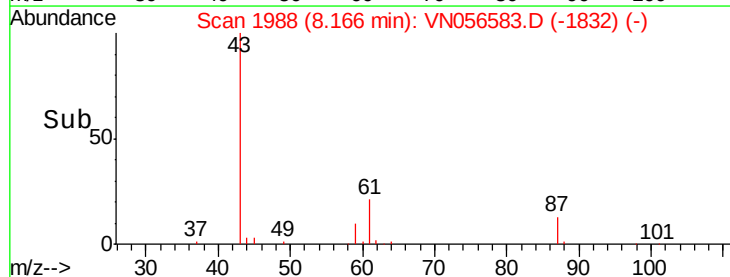
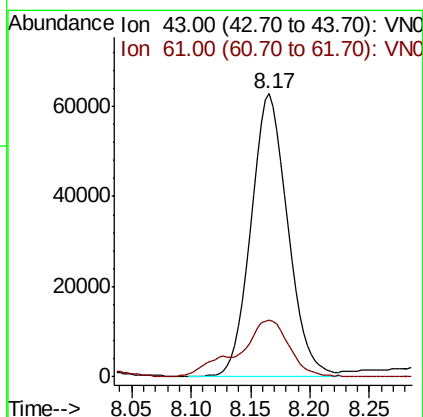
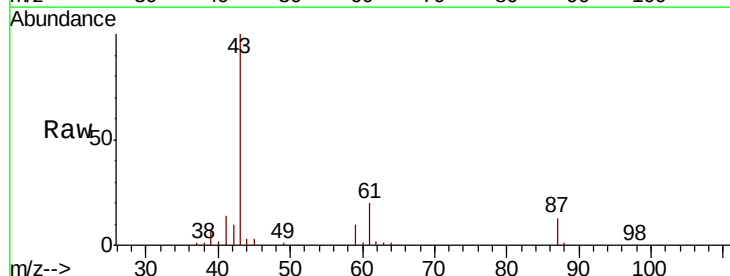
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

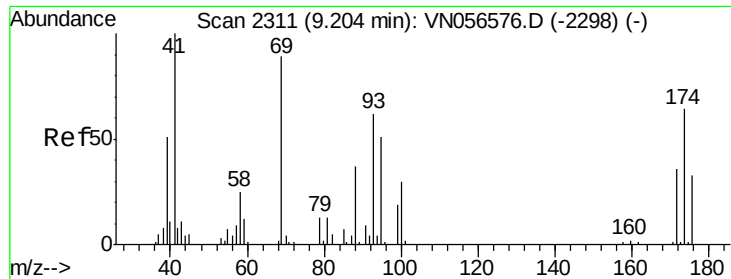
Tot Ion: 43 Resp: 88780
Ion Ratio Lower Upper
43 100
45 12.6 12.3 18.5



#44
Isopropyl Acetate
Concen: 19.643 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 43 Resp: 134934
Ion Ratio Lower Upper
43 100
61 21.0 16.9 25.3

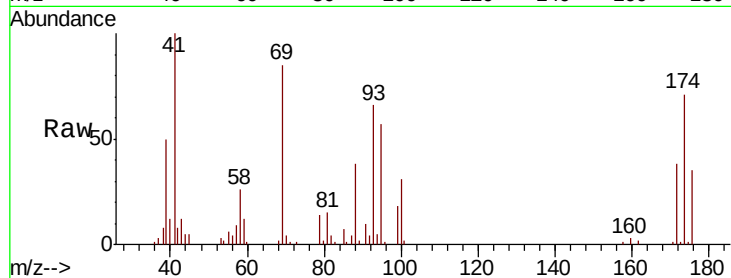




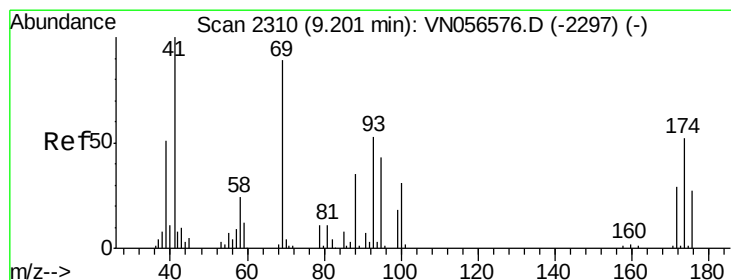
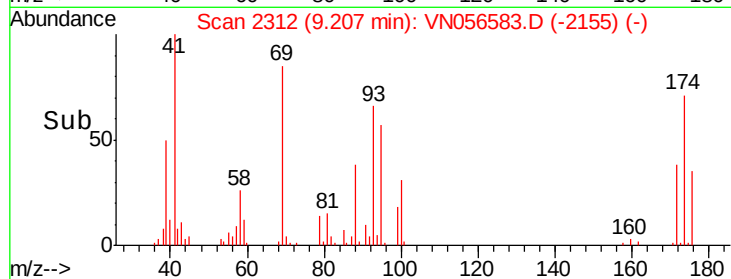
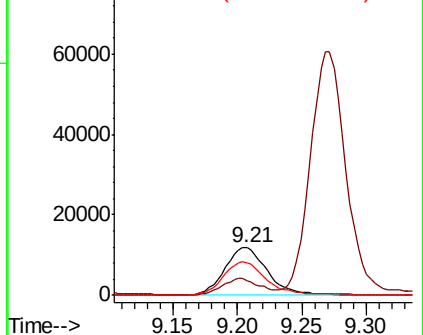
#45
 1,4-Dioxane
 Concen: 406.815 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion: 88 Resp: 27344
 Ion Ratio Lower Upper
 88 100
 43 29.6 19.8 29.6
 58 71.3 48.5 72.7

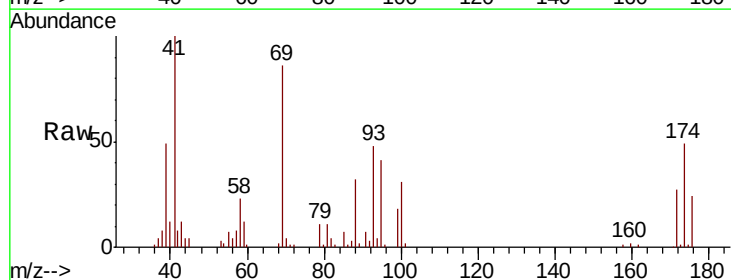


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

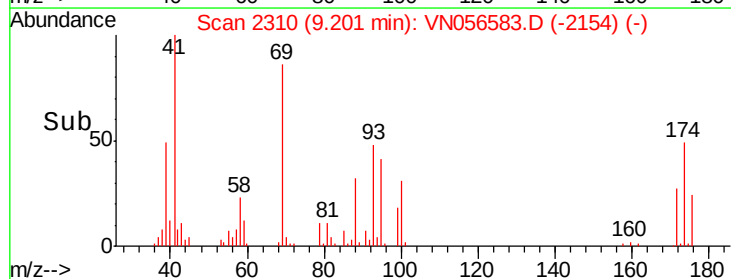
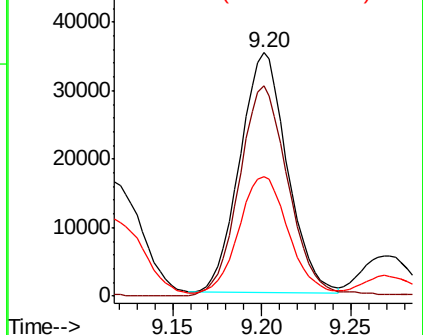


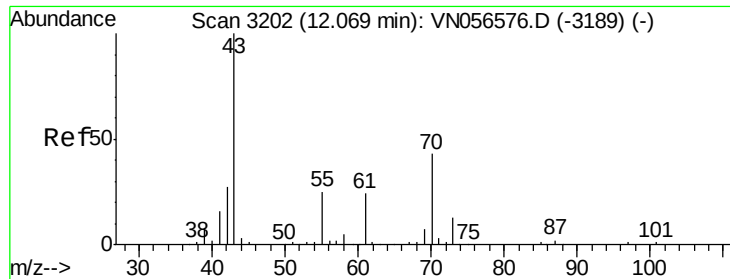
#46
 Methyl methacrylate
 Concen: 19.322 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 41 Resp: 65218
 Ion Ratio Lower Upper
 41 100
 69 87.1 46.0 137.8
 39 48.8 24.6 73.8



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





#47

n-amvl Acetate

Concen: 19.240 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

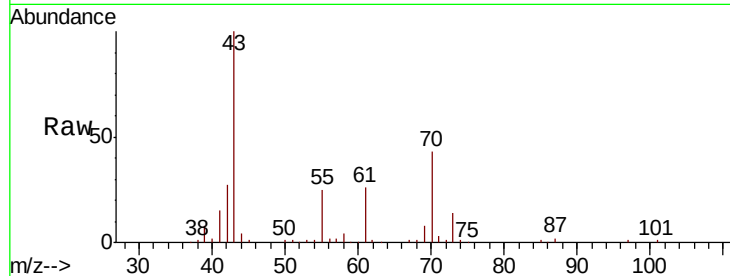
VN0703WBS01

Tot Ion: 43 Resp: 109855

Ion Ratio Lower Upper

43 100

55 25.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

80000

60000

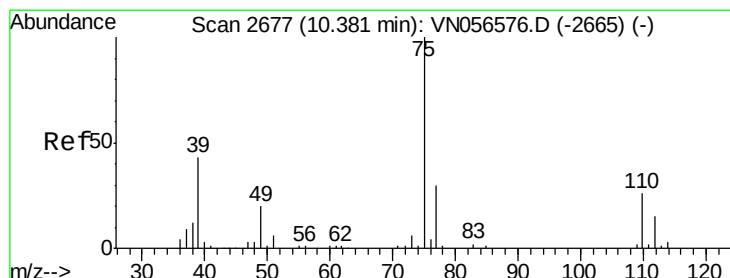
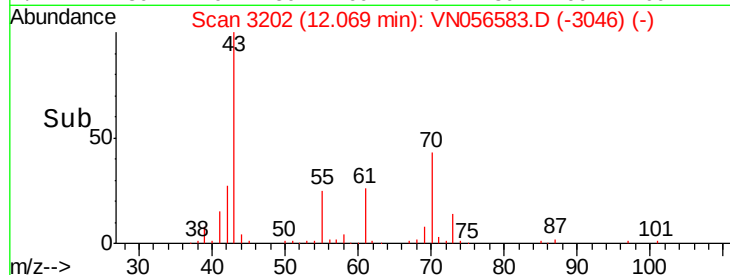
40000

20000

0

Time-->

12.00 12.05 12.10 12.15



#48

t-1,3-Dichloropropene

Concen: 18.355 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056583.D

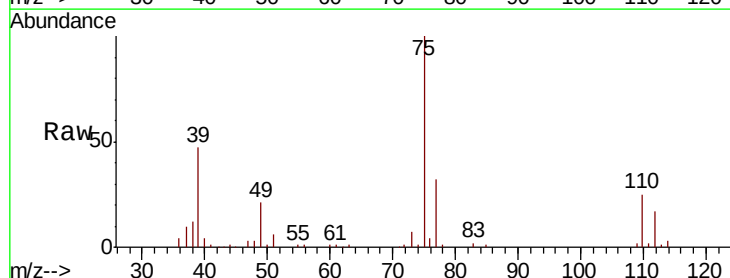
Acq: 3 Jul 2019 12:38

Tgt Ion: 75 Resp: 77890

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

50000

40000

30000

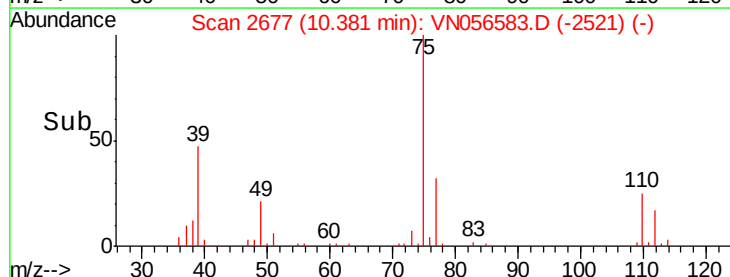
20000

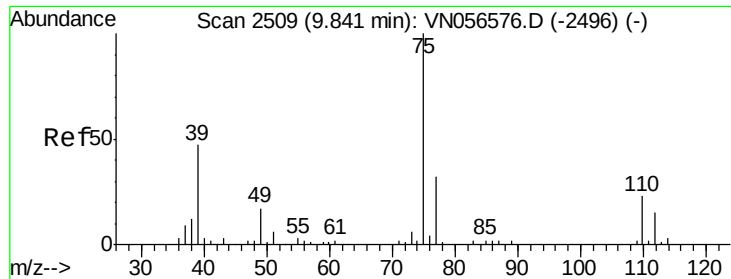
10000

0

Time-->

10.30 10.35 10.40 10.45



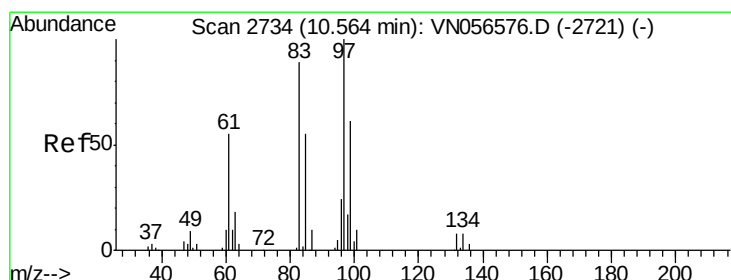
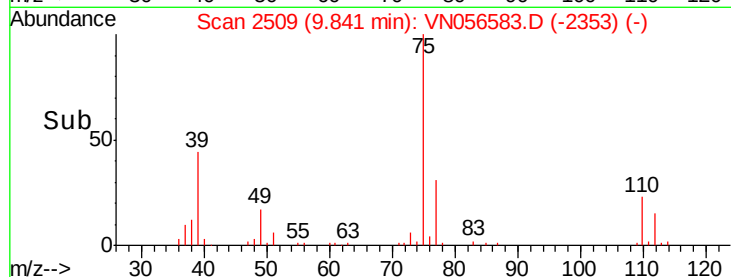
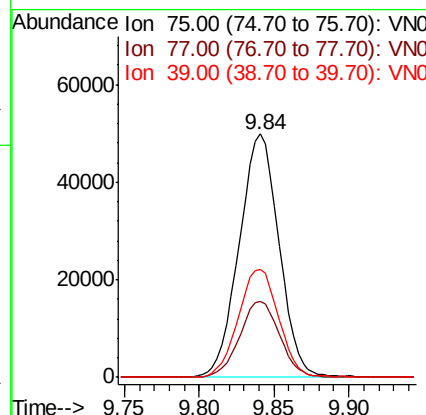
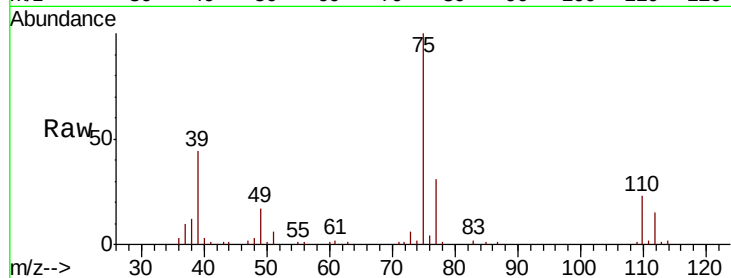


#49

cis-1,3-Dichloropropene
 Concen: 18.913 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

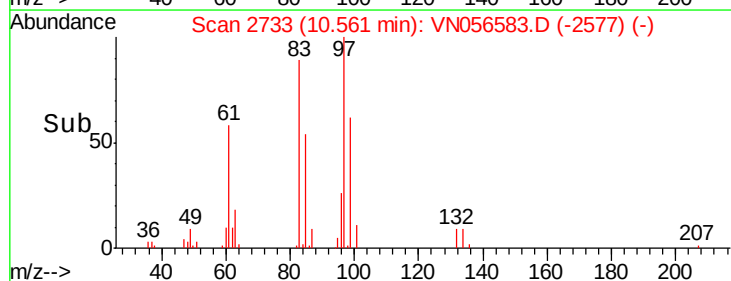
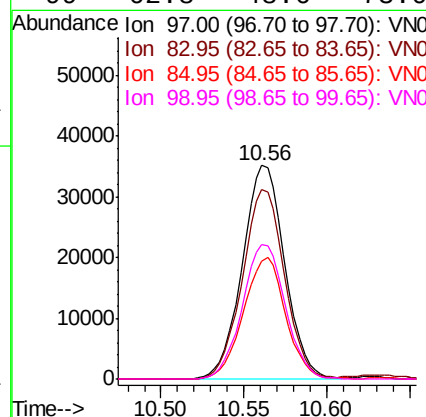
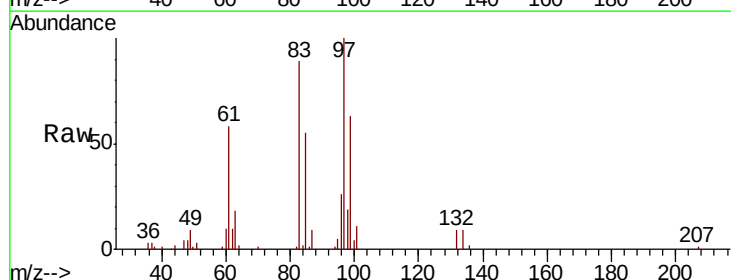
Tot Ion	75	Resp	92572
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	44.3	34.3	51.5

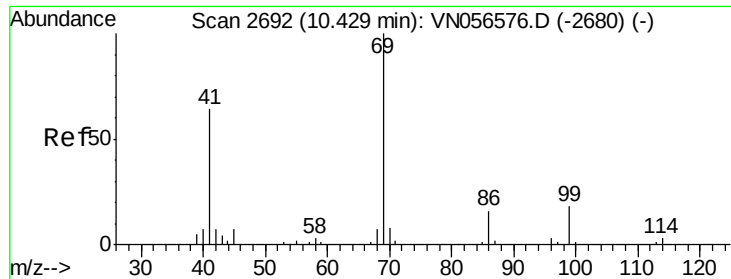


#50

1,1,2-Trichloroethane
 Concen: 19.889 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion	97	Resp	62594
Ion	Ratio	Lower	Upper
97	100		
83	88.5	66.9	100.3
85	54.9	43.3	64.9
99	62.8	48.6	73.0

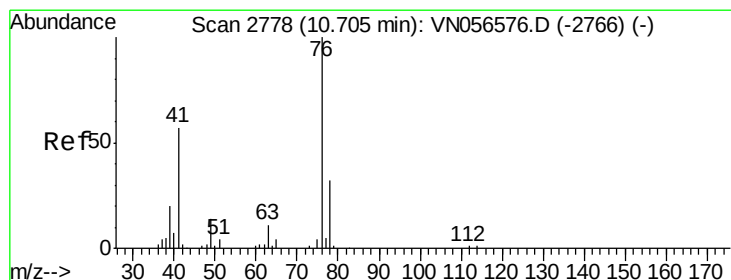
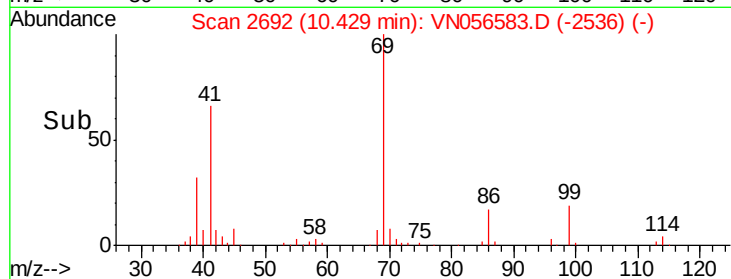
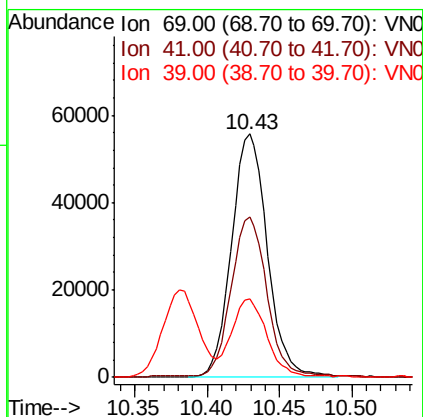
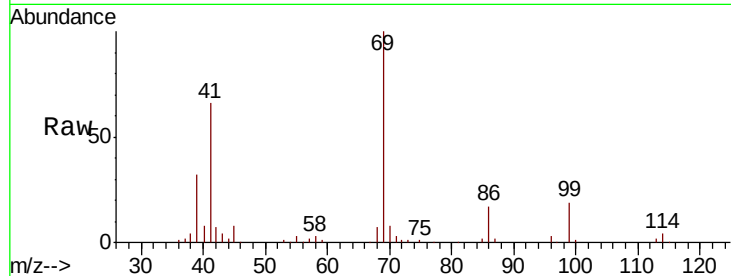




#51
Ethyl methacrylate
Concen: 19.303 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

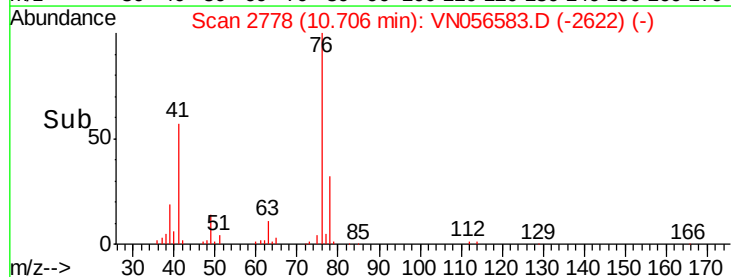
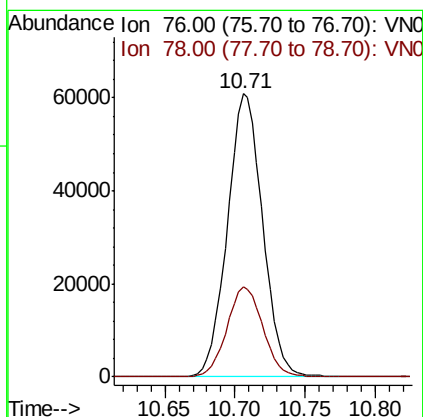
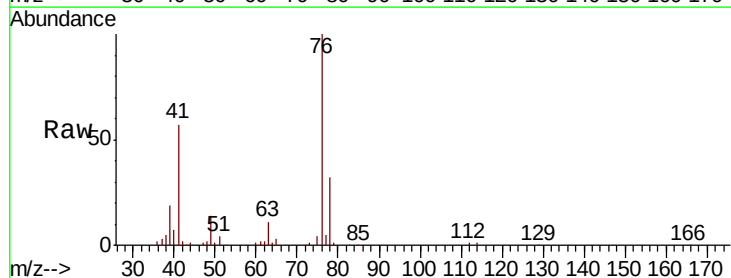
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

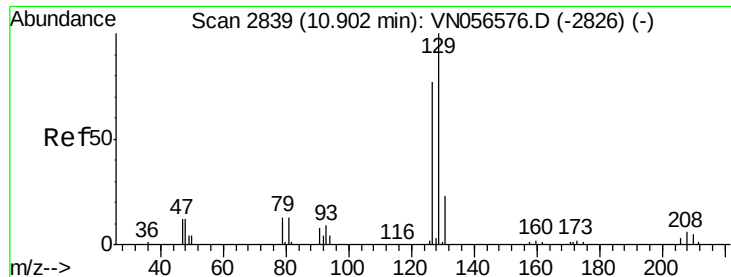
Tot Ion: 69 Resp: 95681
Ion Ratio Lower Upper
69 100
41 65.5 30.8 92.3
39 31.6 14.5 43.6



#52
1,3-Dichloropropane
Concen: 19.881 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 76 Resp: 106322
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.4





#53

Dibromochloromethane

Concen: 18.564 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

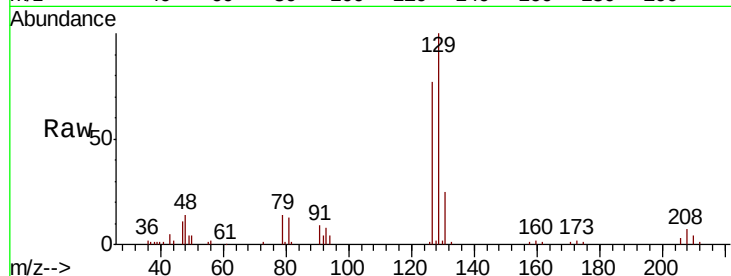
VN0703WBS01

Tot Ion:129 Resp: 57264

Ion Ratio Lower Upper

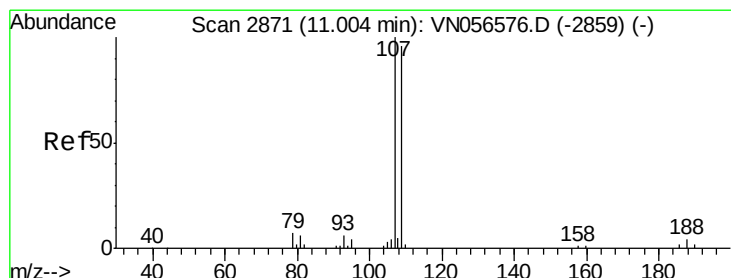
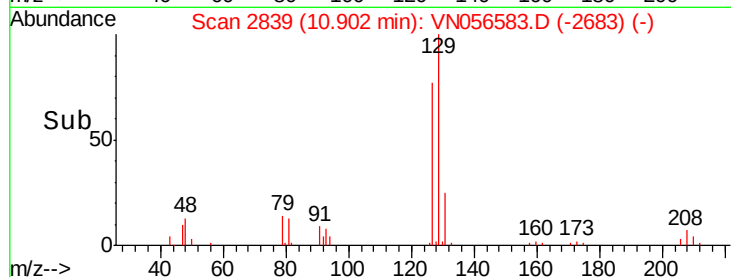
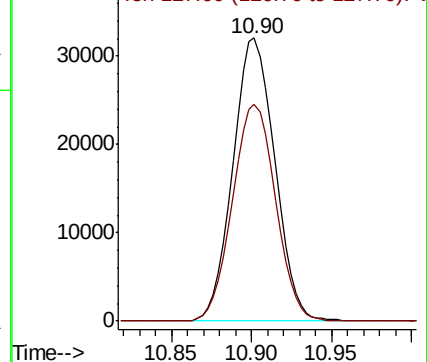
129 100

127 78.7 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.400 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056583.D

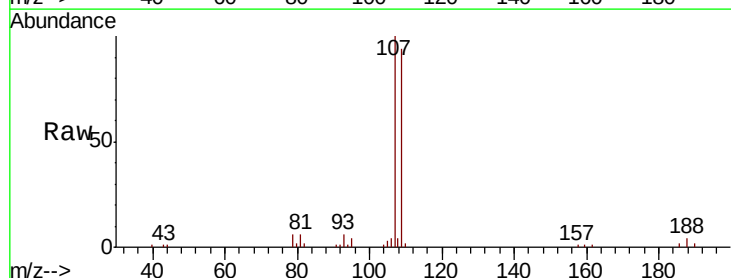
Acq: 3 Jul 2019 12:38

Tgt Ion:107 Resp: 63617

Ion Ratio Lower Upper

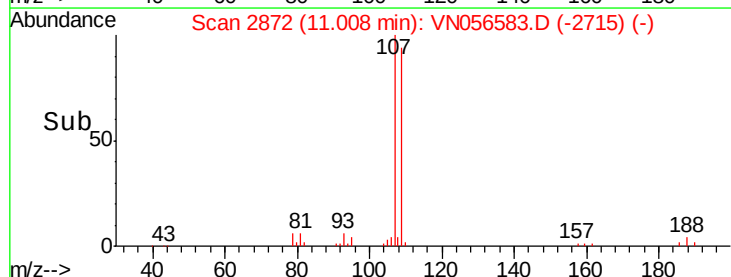
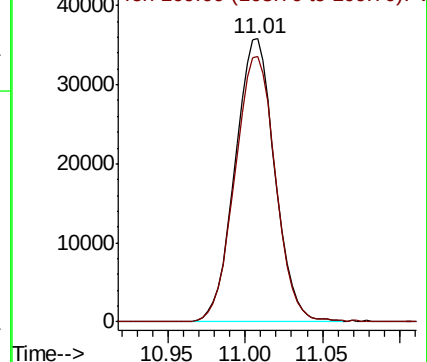
107 100

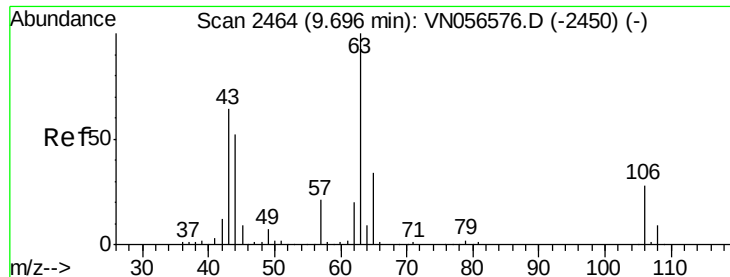
109 96.1 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

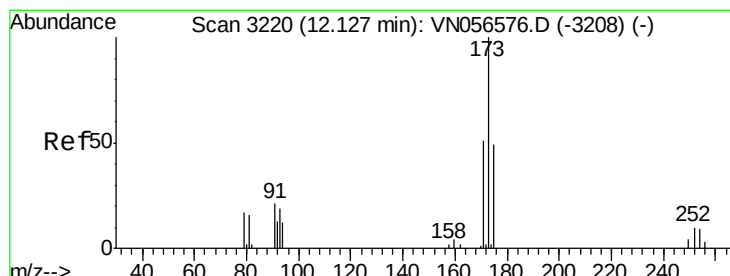
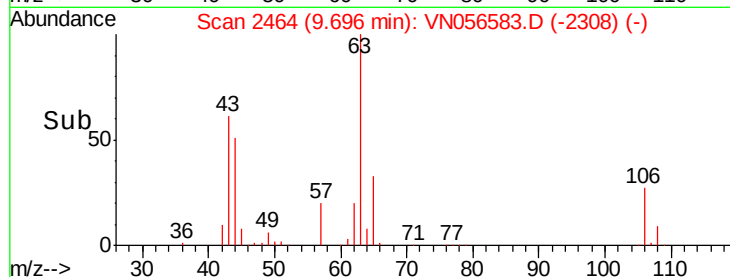
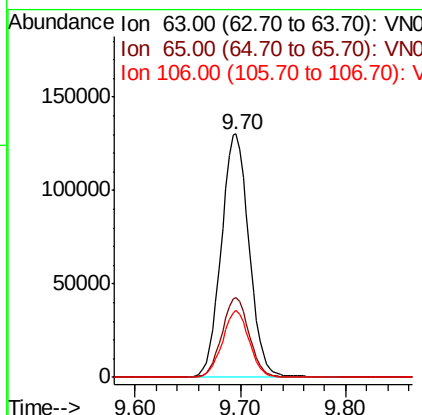
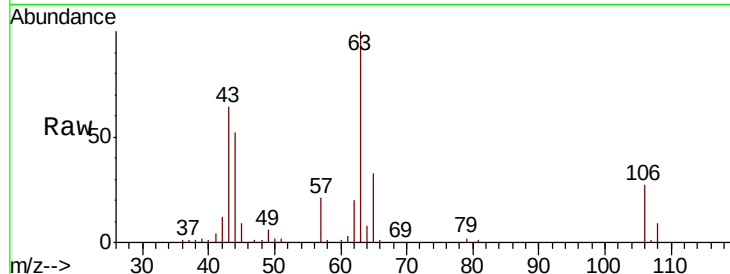




#55
2-Chloroethyl vinyl ether
Concen: 94.090 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

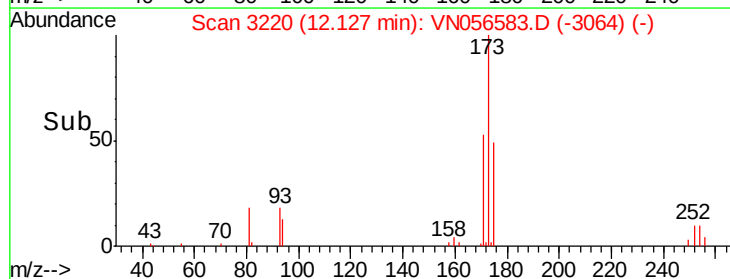
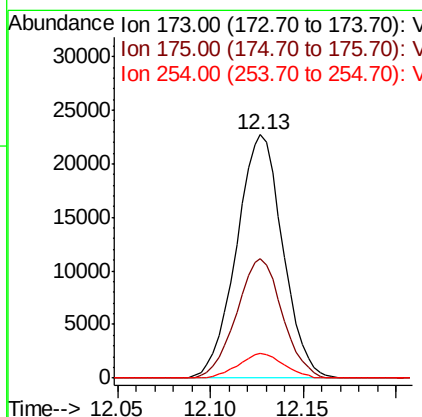
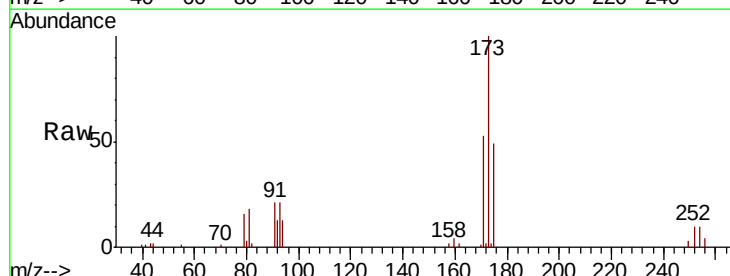
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

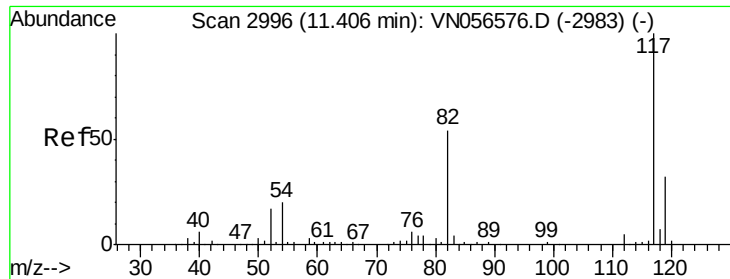
Tot Ion: 63 Resp: 237654
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 26.4 23.0 34.4



#56
Bromoform
Concen: 17.528 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 173 Resp: 39288
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 9.9 6.6 9.8#

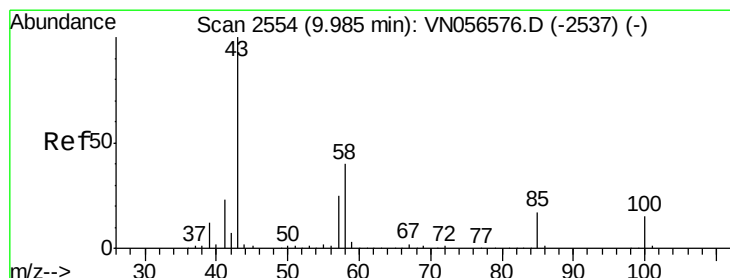
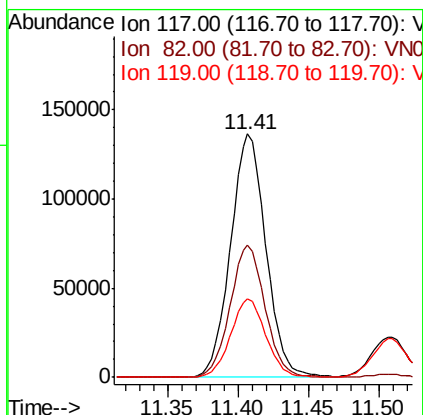
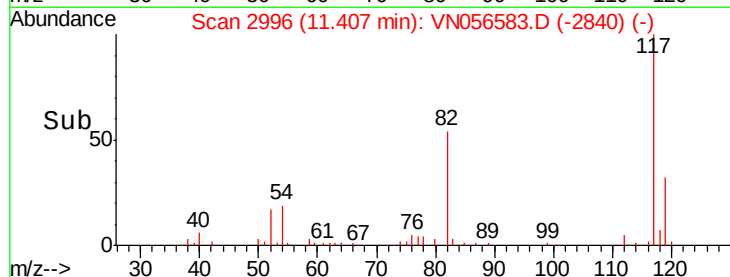
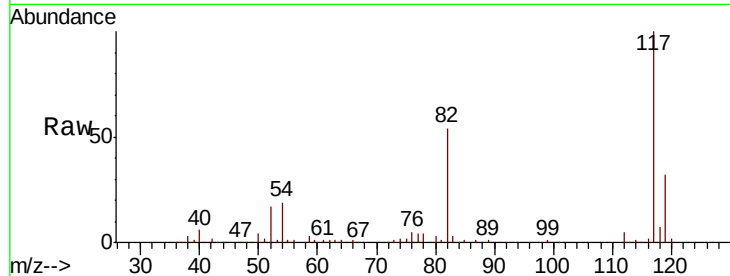




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

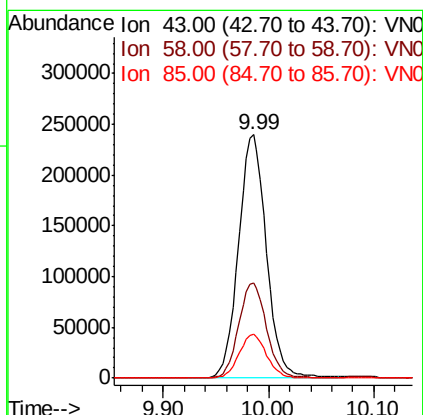
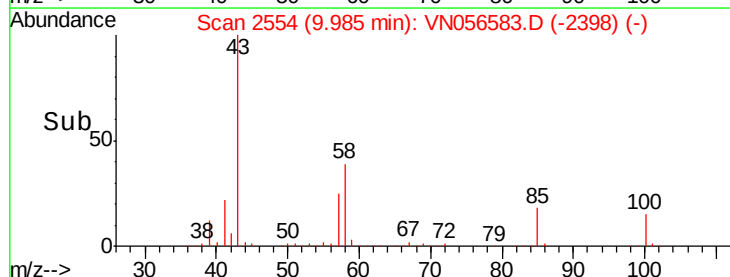
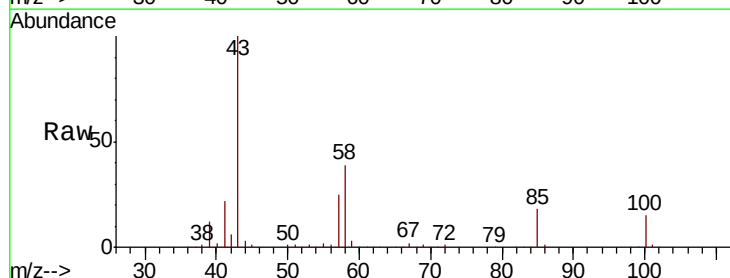
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

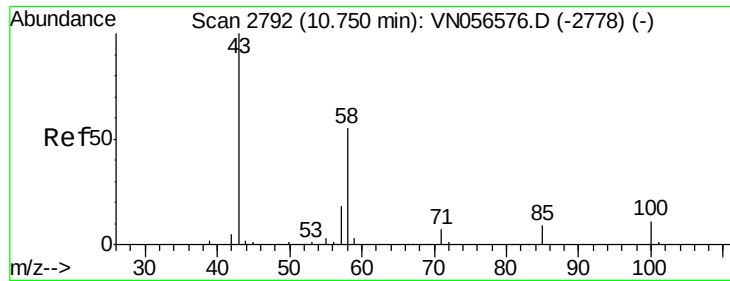
Tot Ion:117 Resp: 239506
Ion Ratio Lower Upper
117 100
82 53.6 41.2 61.8
119 32.0 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 101.933 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 43 Resp: 438949
Ion Ratio Lower Upper
43 100
58 39.2 33.1 49.7
85 17.9 15.5 23.3

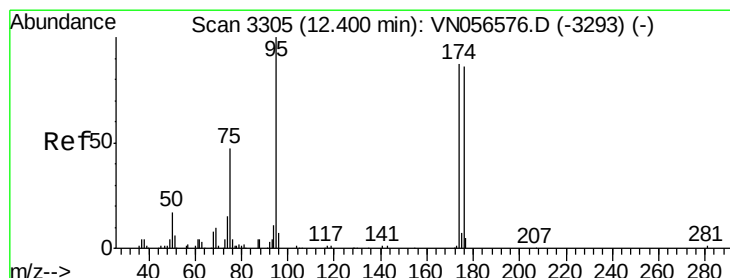
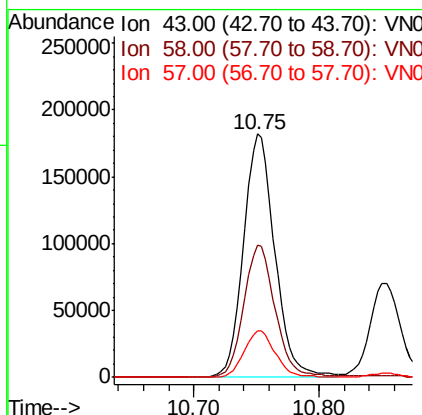
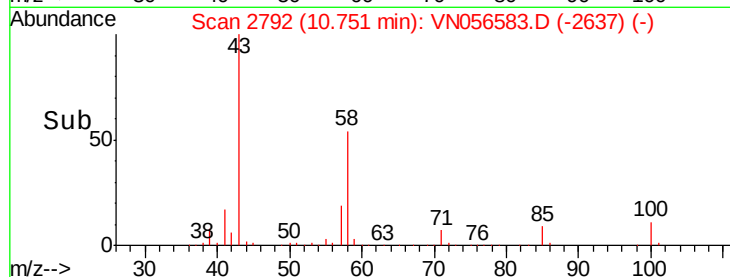
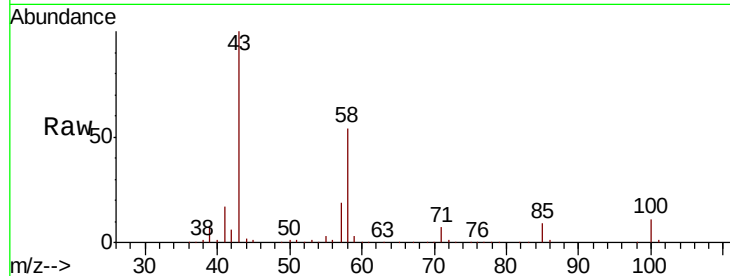




#59
2-Hexanone
Concen: 98.342 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

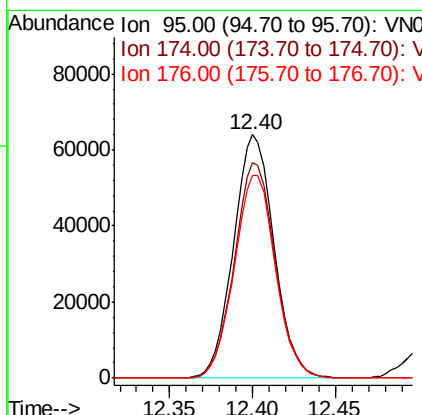
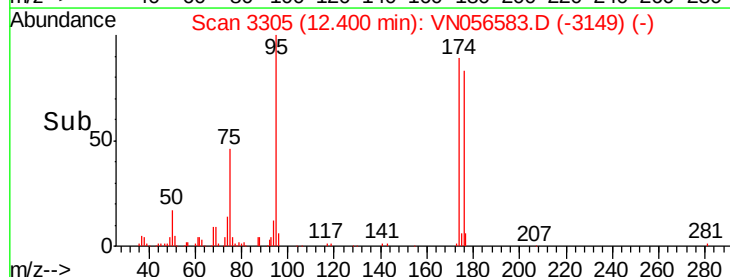
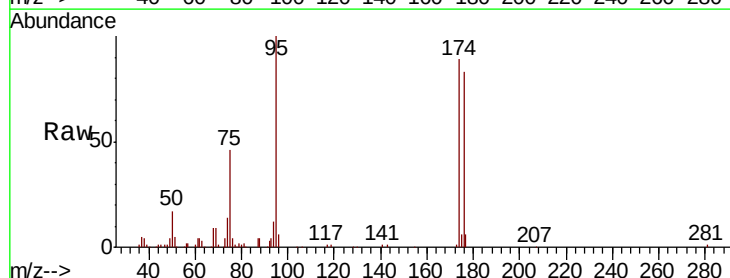
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

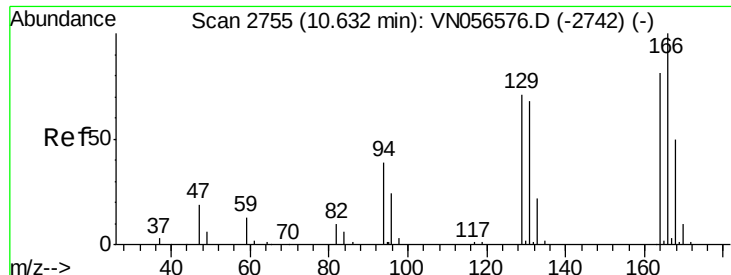
Tot Ion: 43 Resp: 314248
Ion Ratio Lower Upper
43 100
58 54.8 45.3 67.9
57 19.2 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 29.515 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion: 95 Resp: 108626
Ion Ratio Lower Upper
95 100
174 89.2 75.4 113.0
176 84.8 73.9 110.9





#61

Tetrachloroethene

Concen: 20.222 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

Tot Ion:164 Resp: 60790

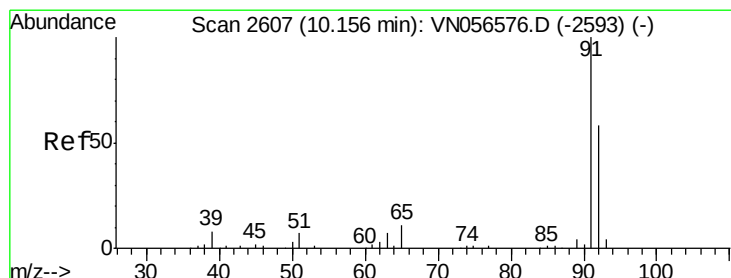
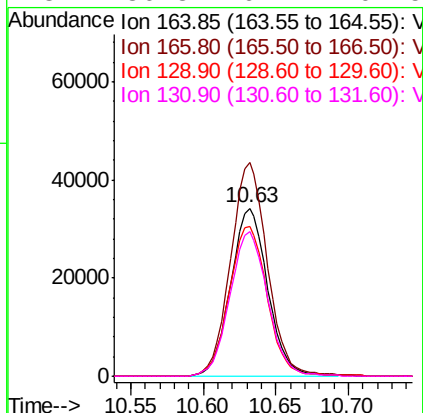
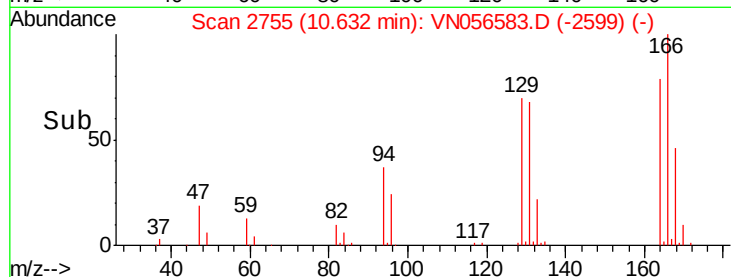
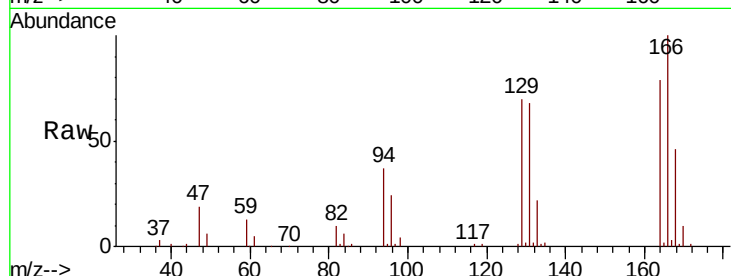
Ion Ratio Lower Upper

164 100

166 127.3 104.3 156.5

129 89.3 71.5 107.3

131 86.3 67.7 101.5



#62

Toluene

Concen: 20.044 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056583.D

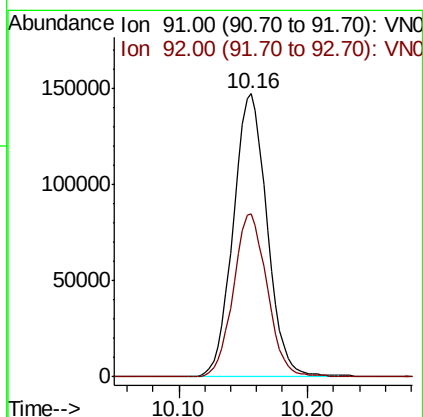
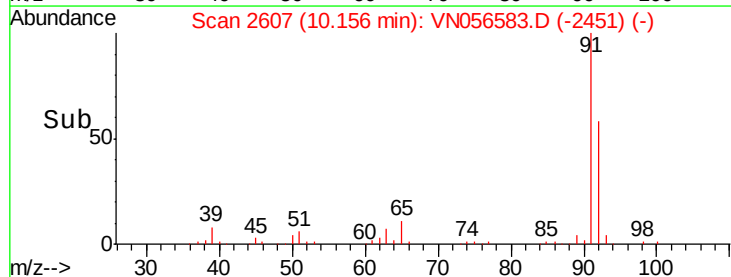
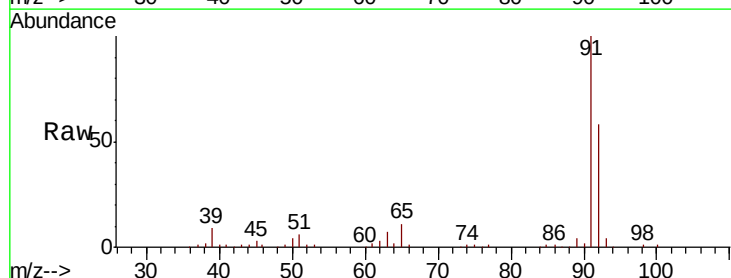
Acq: 3 Jul 2019 12:38

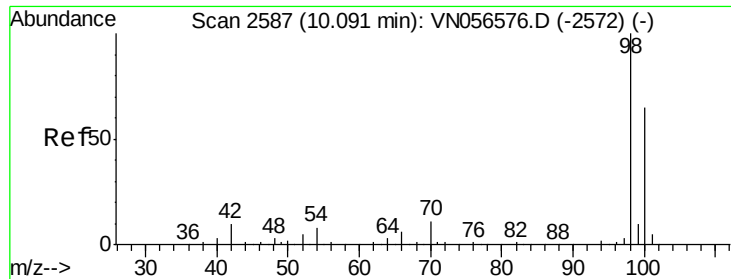
Tgt Ion: 91 Resp: 267929

Ion Ratio Lower Upper

91 100

92 57.8 45.5 68.3





#63

Toluene-d8

Concen: 30.442 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

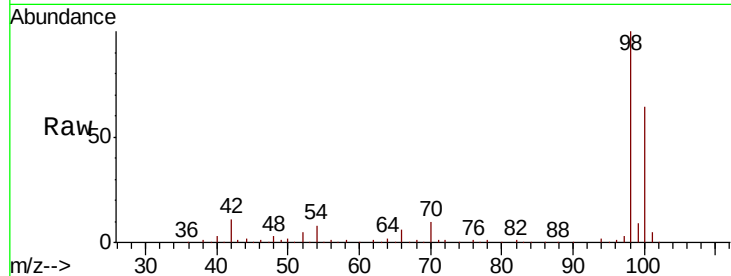
VN0703WBS01

Tot Ion: 98 Resp: 338814

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056576.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056576.D (-2572) (-)

10.09

200000

150000

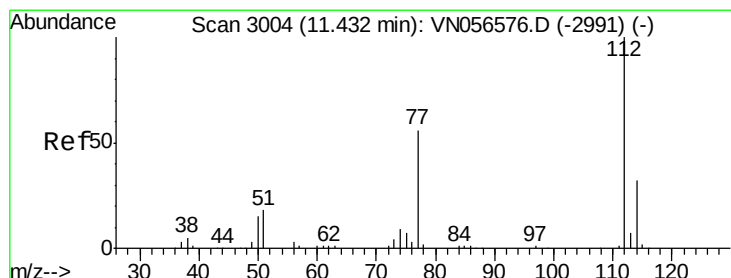
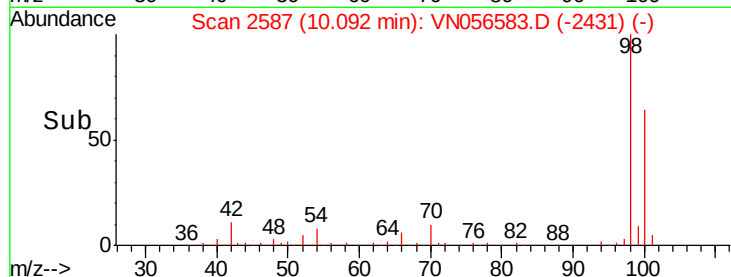
100000

50000

0

10.00 10.10 10.20

Time-->



#64

Chlorobenzene

Concen: 19.875 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056583.D

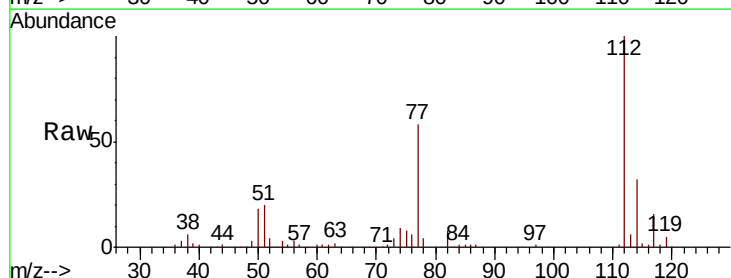
Acq: 3 Jul 2019 12:38

Tgt Ion: 112 Resp: 160058

Ion Ratio Lower Upper

112 100

114 31.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056576.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN056576.D (-2991) (-)

11.43

100000

80000

60000

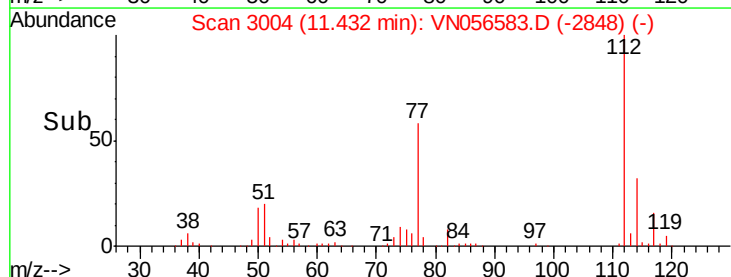
40000

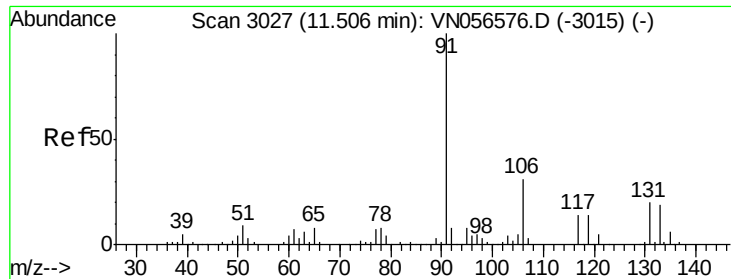
20000

0

11.40 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.621 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

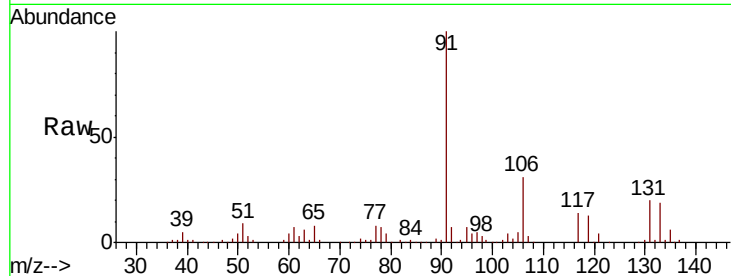
Tot Ion:131 Resp: 56907

Ion Ratio Lower Upper

131 100

133 95.5 0.0 193.8

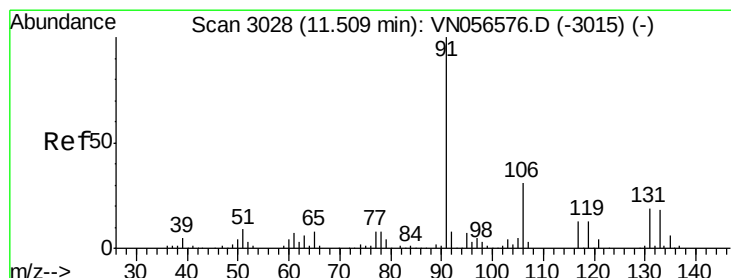
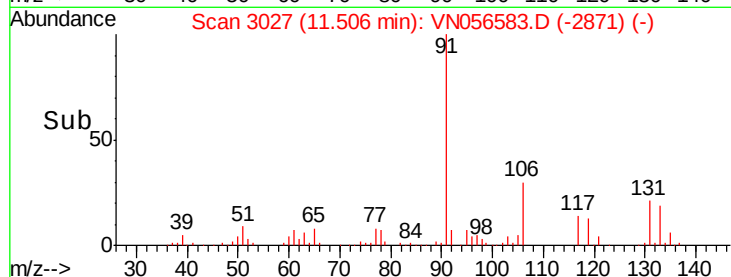
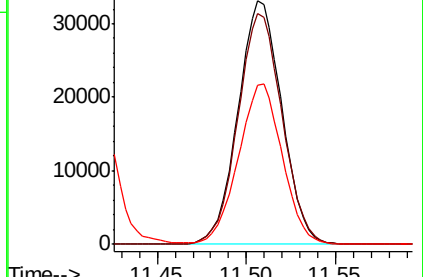
119 66.0 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.848 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056583.D

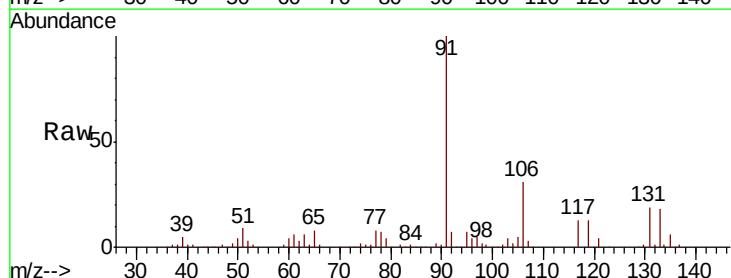
Acq: 3 Jul 2019 12:38

Tgt Ion: 91 Resp: 287667

Ion Ratio Lower Upper

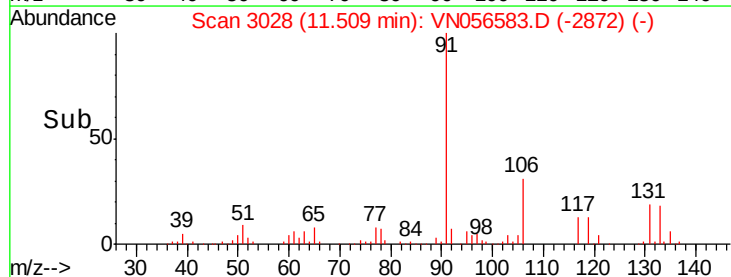
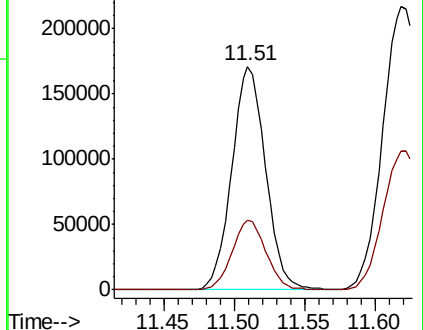
91 100

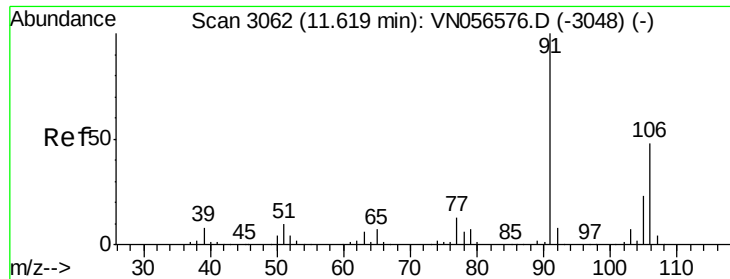
106 31.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

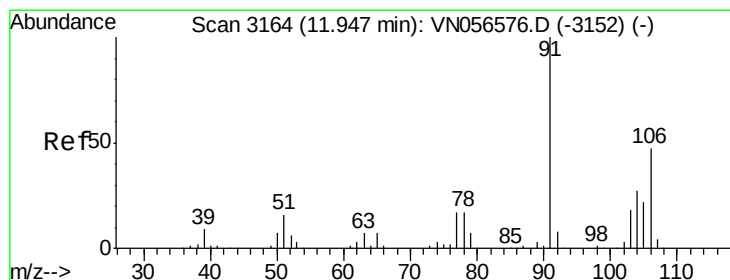
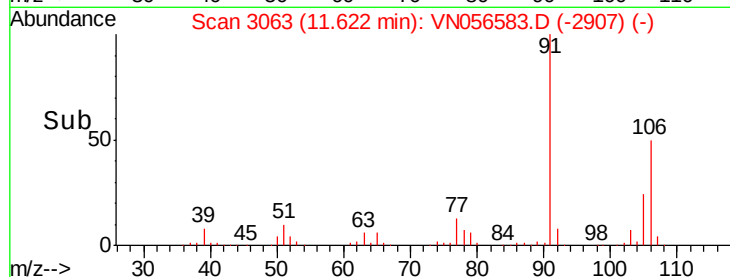
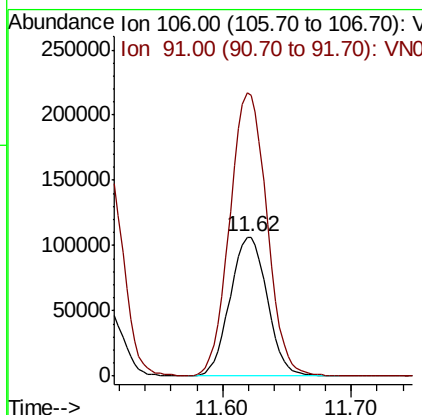
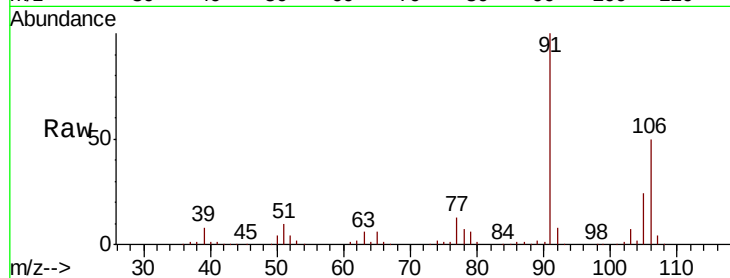




#67
m/p-Xylenes
Concen: 39.959 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

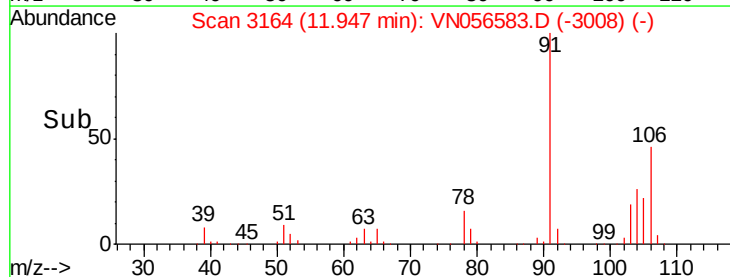
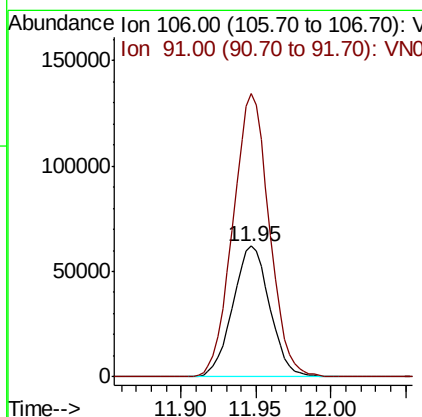
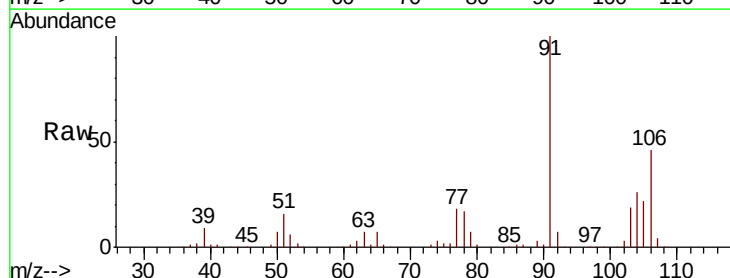
Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

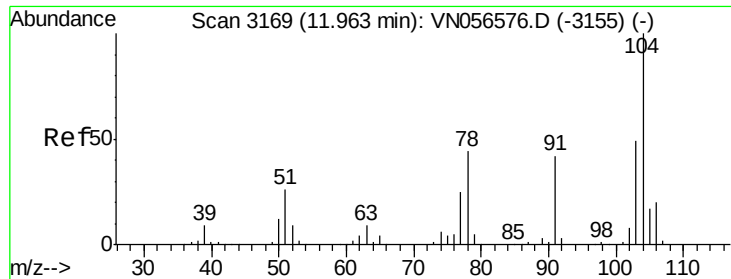
Tot Ion:106 Resp: 213729
Ion Ratio Lower Upper
106 100
91 203.0 155.7 233.5



#68
o-Xylene
Concen: 20.165 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion:106 Resp: 106663
Ion Ratio Lower Upper
106 100
91 212.5 103.9 311.7

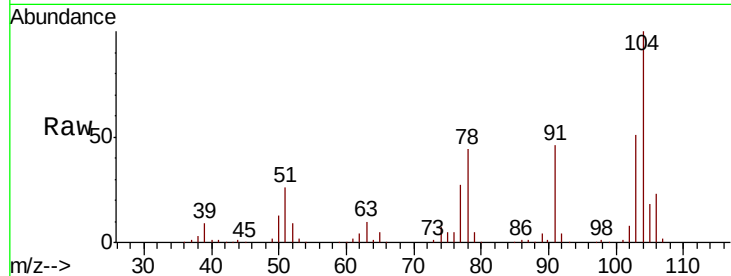




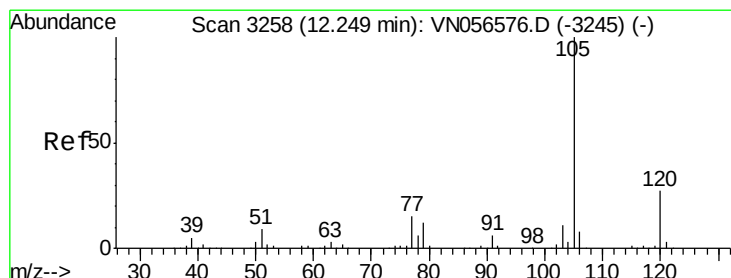
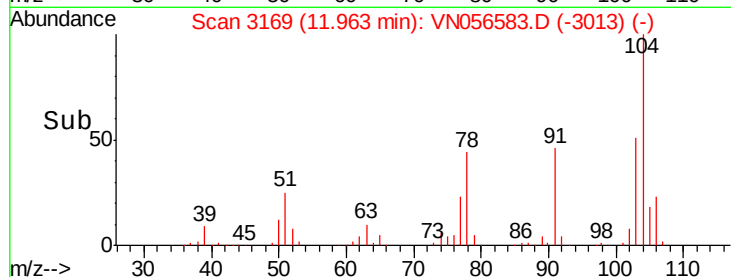
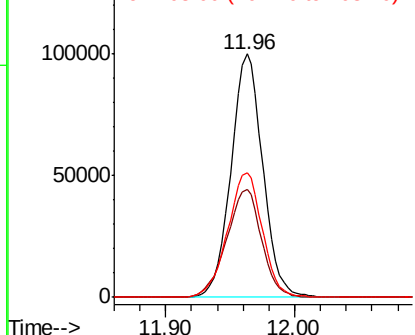
#69
Stvrene
Concen: 19.409 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

Tot Ion:104 Resp: 170814
Ion Ratio Lower Upper
104 100
78 48.9 37.0 55.6
103 56.1 44.4 66.6

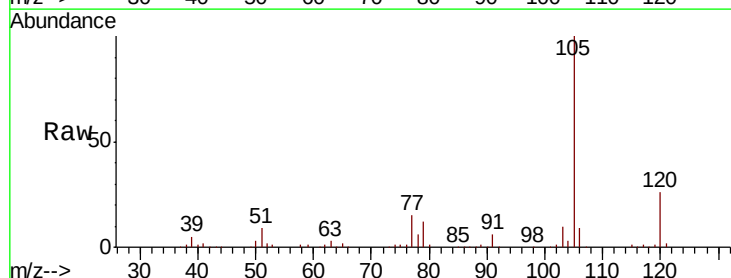


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

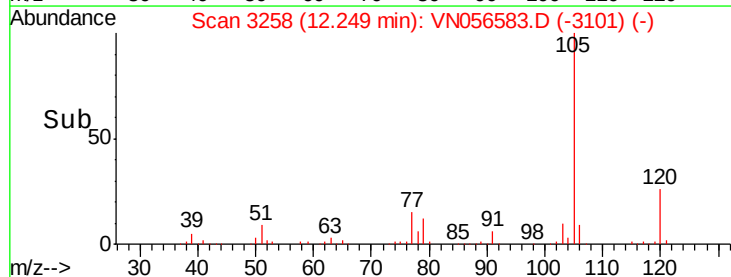
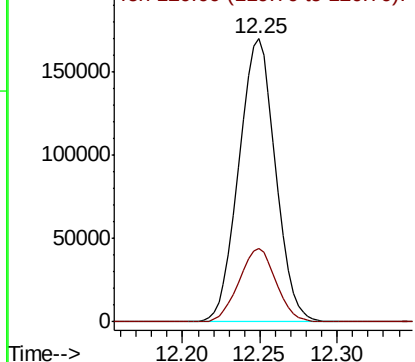


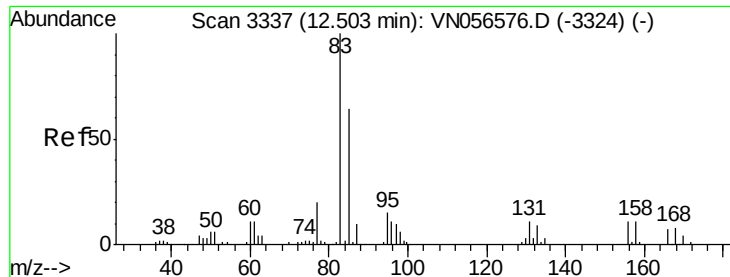
#70
Isopropylbenzene
Concen: 20.254 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion:105 Resp: 279526
Ion Ratio Lower Upper
105 100
120 26.3 19.3 35.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.919 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

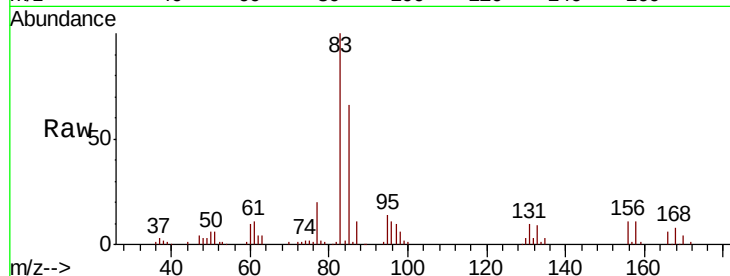
Tot Ion: 83 Resp: 90885

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

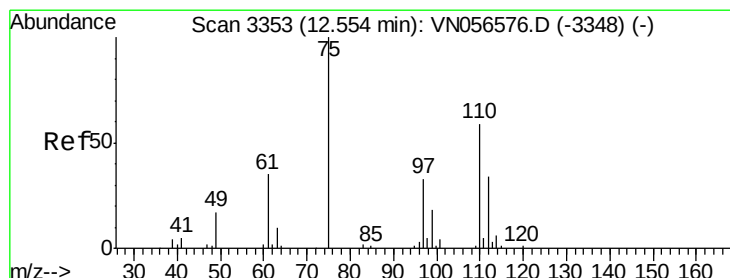
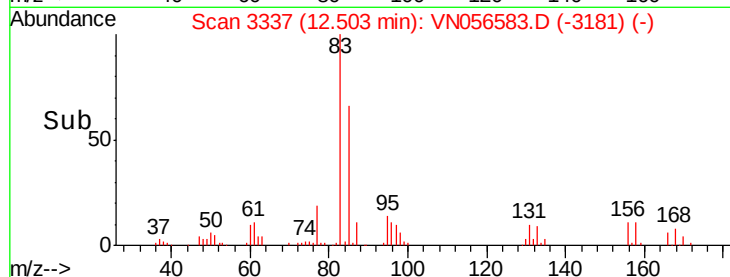
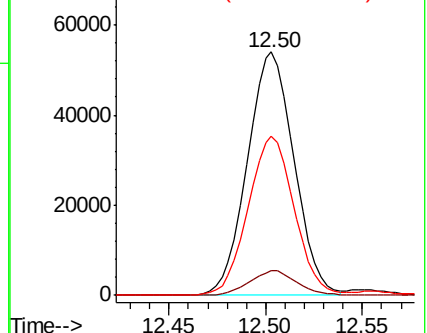
85 64.7 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 27.815 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056583.D

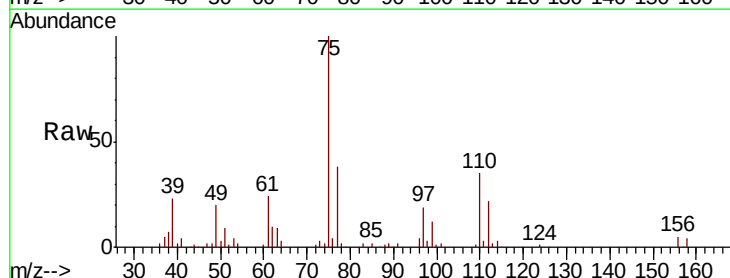
Acq: 3 Jul 2019 12:38

Tgt Ion: 75 Resp: 106726

Ion Ratio Lower Upper

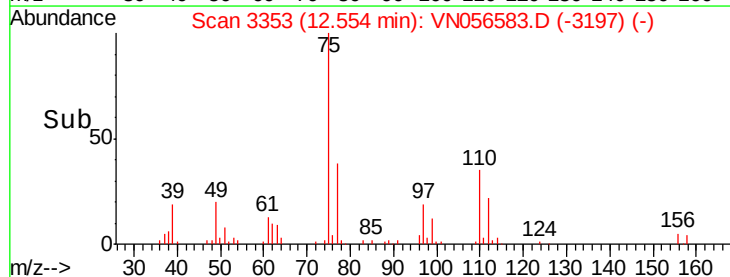
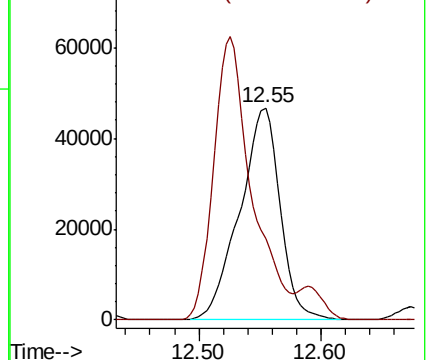
75 100

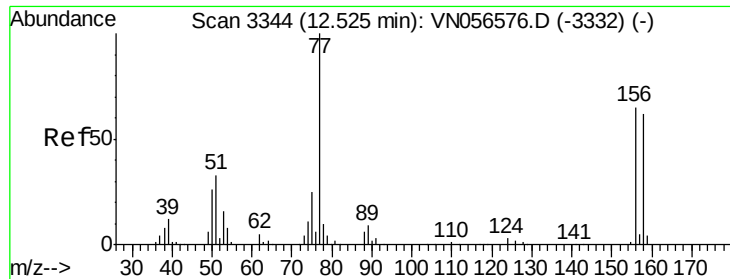
77 127.2 0.0 350.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.461 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

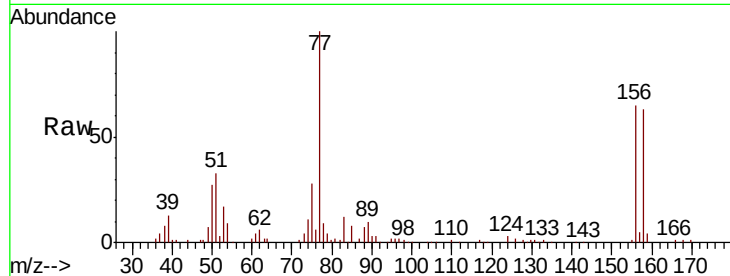
Tot Ion:156 Resp: 69270

Ion Ratio Lower Upper

156 100

77 196.1 0.0 350.8

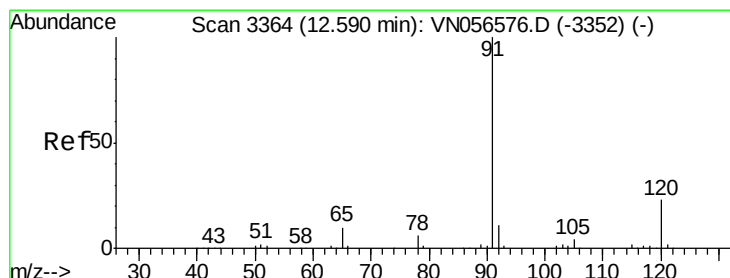
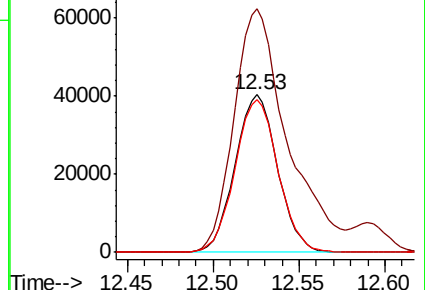
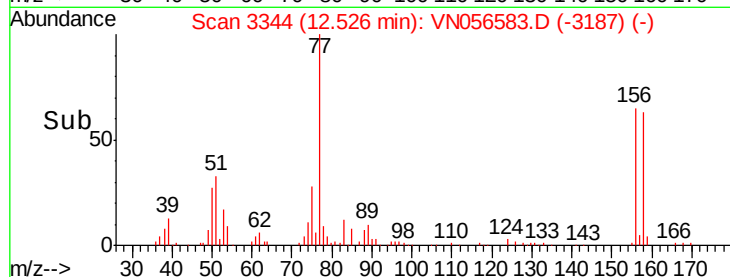
158 98.4 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.517 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056583.D

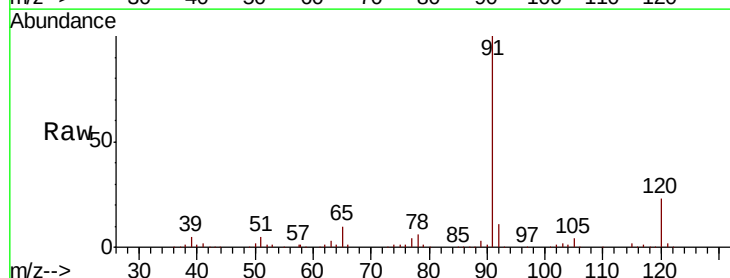
Acq: 3 Jul 2019 12:38

Tgt Ion: 91 Resp: 305603

Ion Ratio Lower Upper

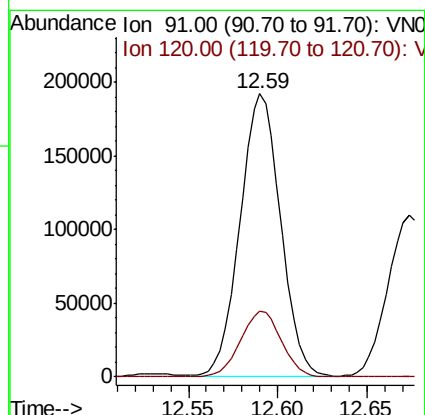
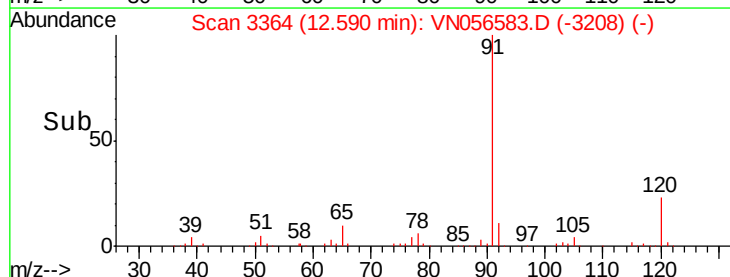
91 100

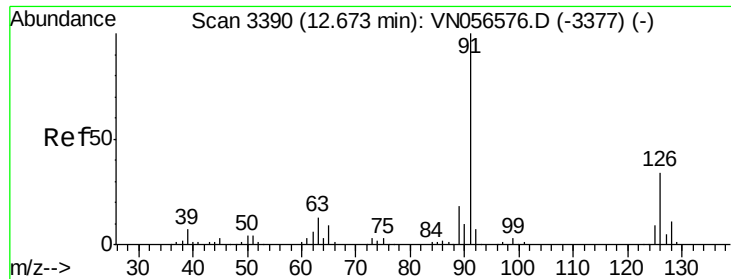
120 23.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.666 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

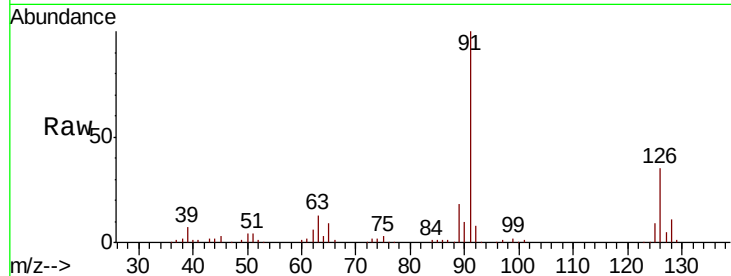
VN0703WBS01

Tot Ion: 91 Resp: 184132

Ion Ratio Lower Upper

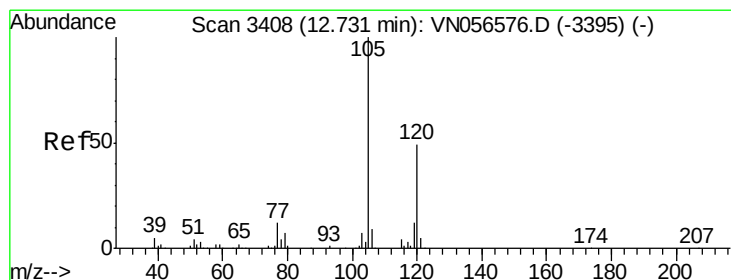
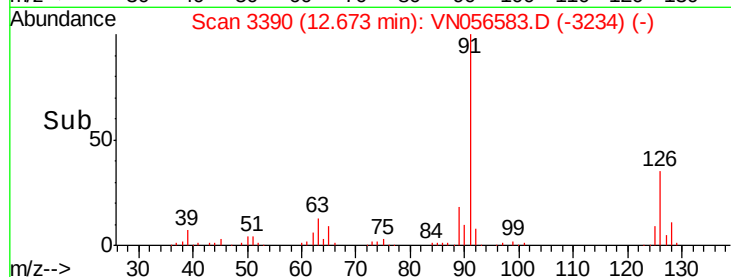
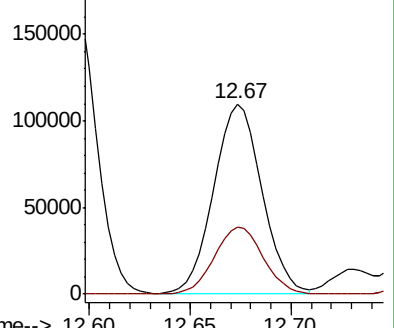
91 100

126 35.6 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3377) (-)

Ion 126.00 (125.70 to 126.70): VN056576.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056583.D

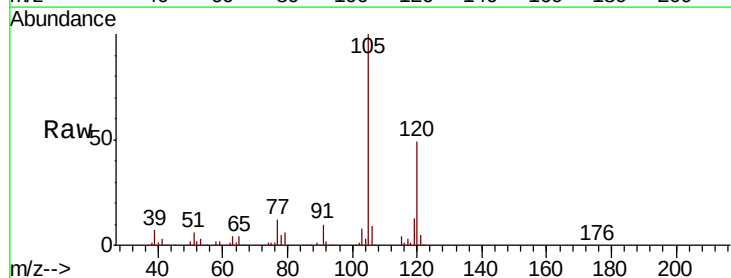
Acq: 3 Jul 2019 12:38

Tgt Ion: 105 Resp: 232563

Ion Ratio Lower Upper

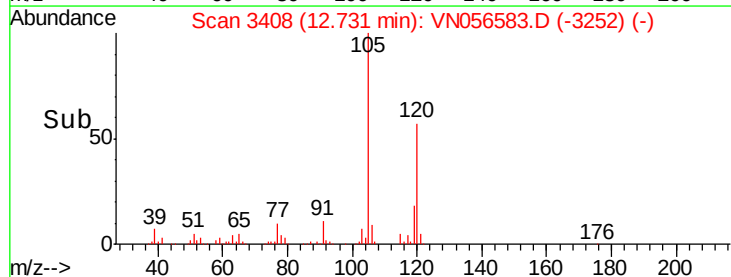
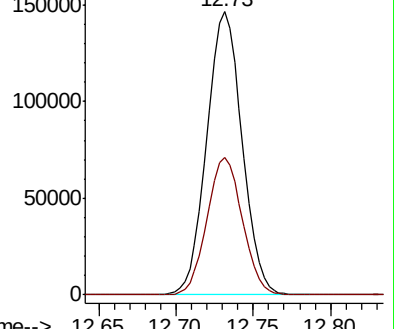
105 100

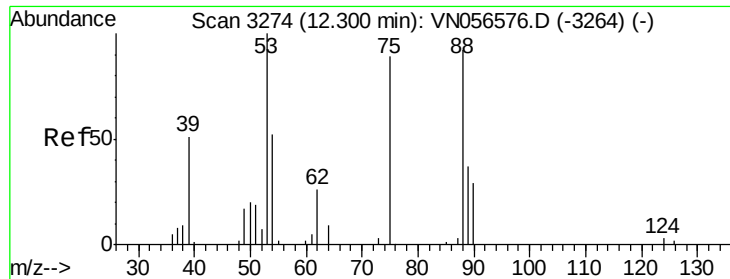
120 48.6 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056576.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN056576.D (-3395) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.203 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

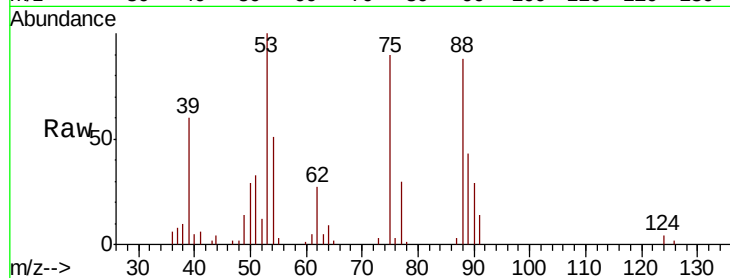
Tot Ion: 75 Resp: 21143

Ion Ratio Lower Upper

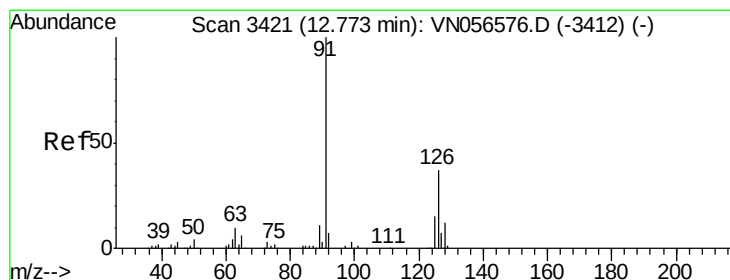
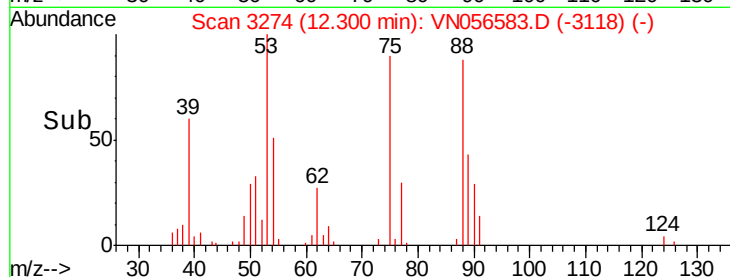
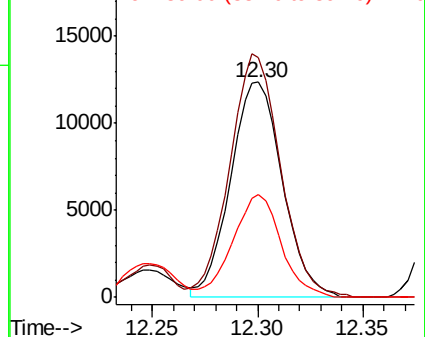
75 100

53 109.9 48.0 144.0

89 47.8 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.432 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056583.D

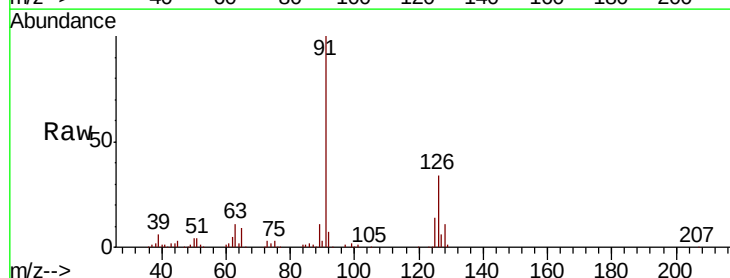
Acq: 3 Jul 2019 12:38

Tgt Ion: 91 Resp: 176942

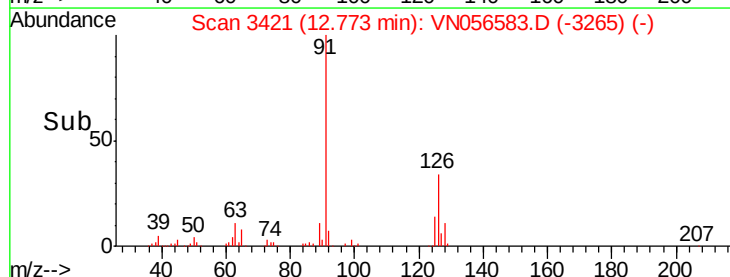
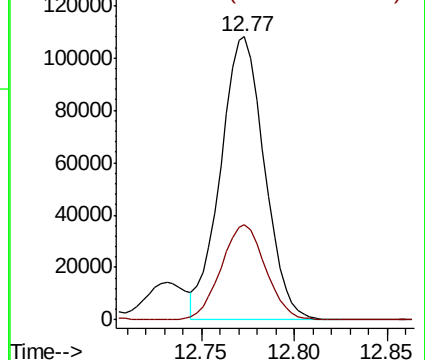
Ion Ratio Lower Upper

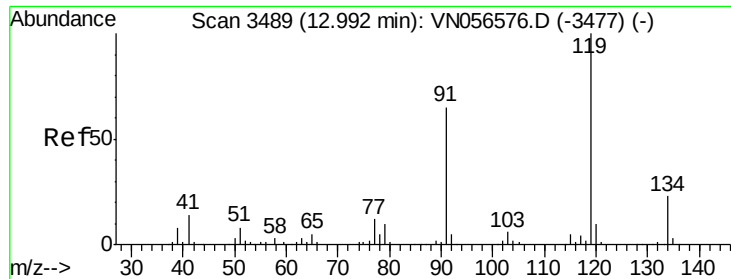
91 100

126 34.3 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

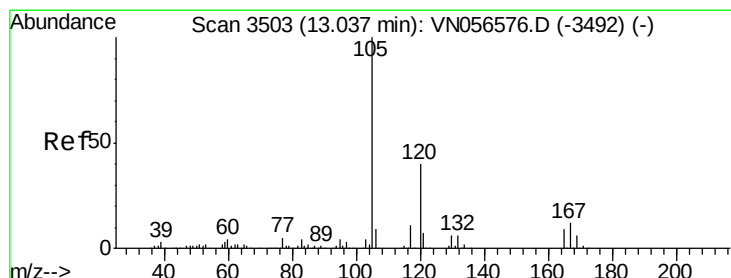
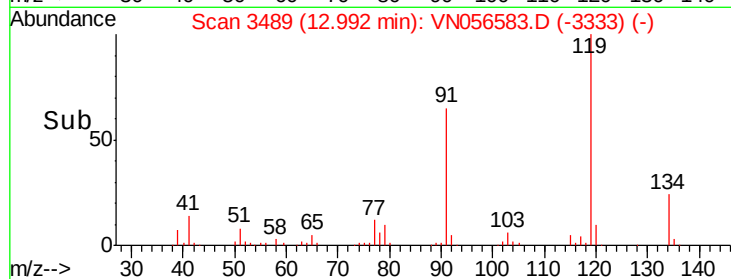
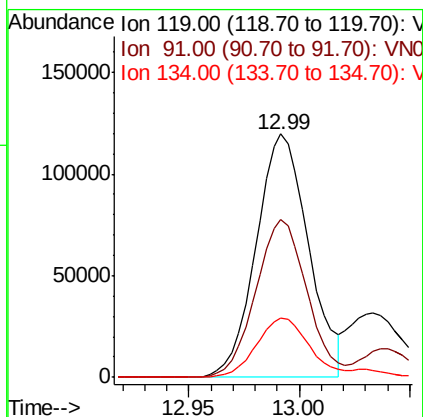
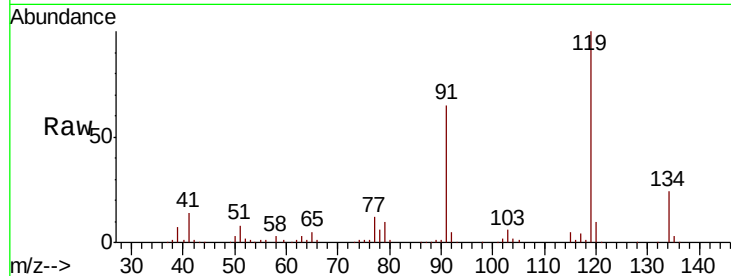




#79
tert-butylbenzene
Concen: 19.787 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

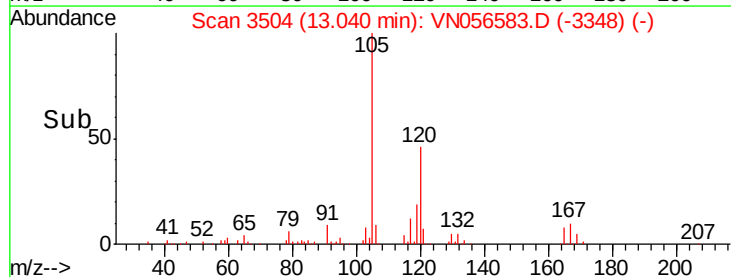
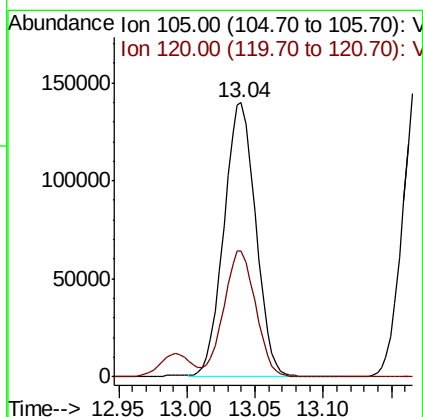
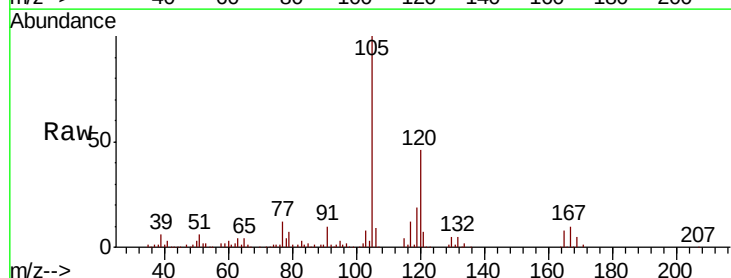
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

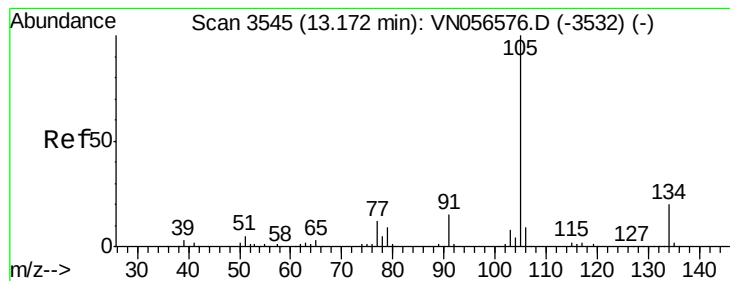
Tot Ion:119 Resp: 197576
Ion Ratio Lower Upper
119 100
91 63.3 0.0 122.8
134 24.4 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 19.667 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion:105 Resp: 227010
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.4





#81

sec-Butylbenzene

Concen: 19.750 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

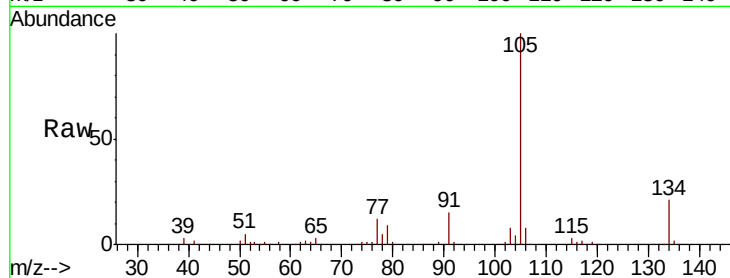
VN0703WBS01

Tot Ion:105 Resp: 261507

Ion Ratio Lower Upper

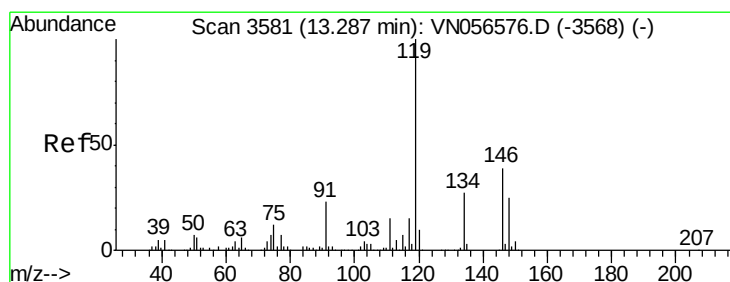
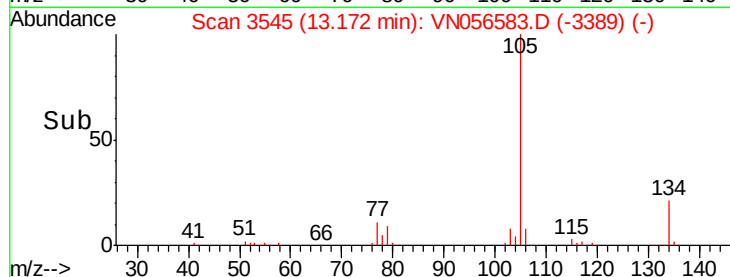
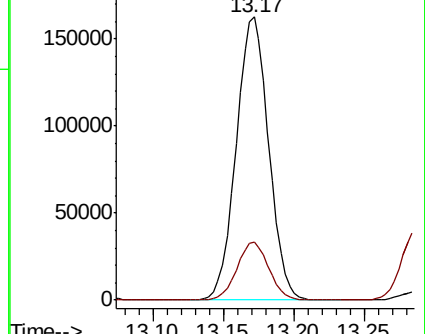
105 100

134 20.3 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.667 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

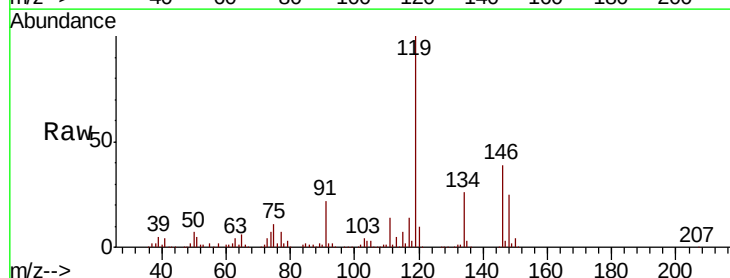
Tgt Ion:119 Resp: 234132

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.4

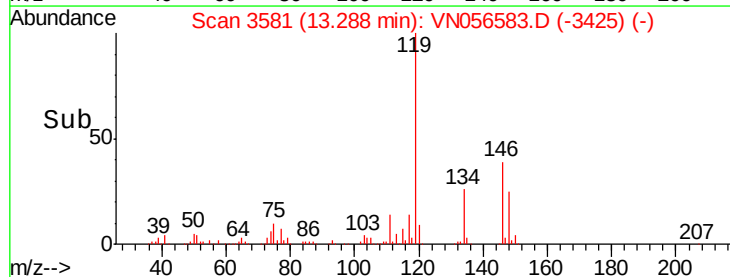
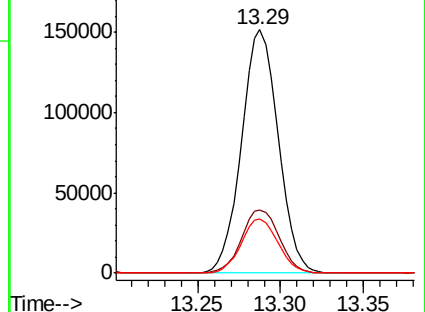
91 22.4 0.0 43.0

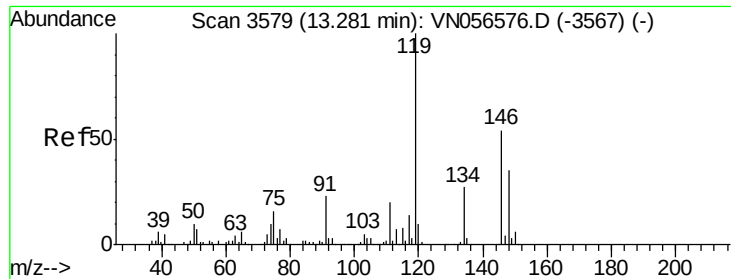


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

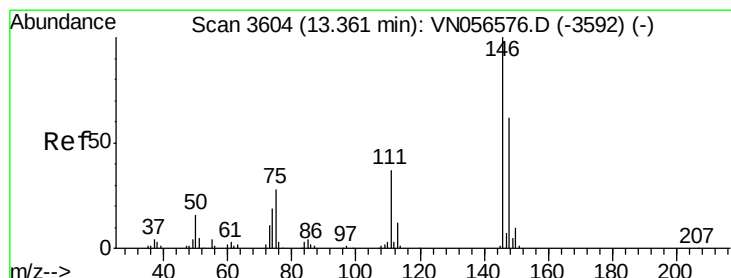
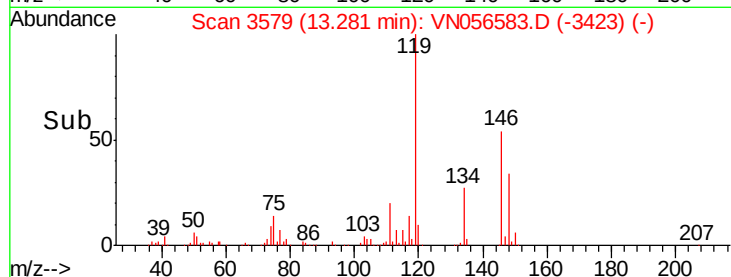
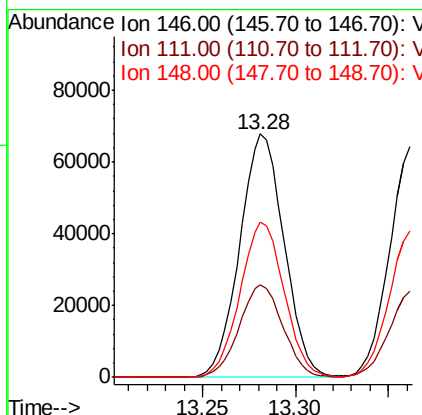
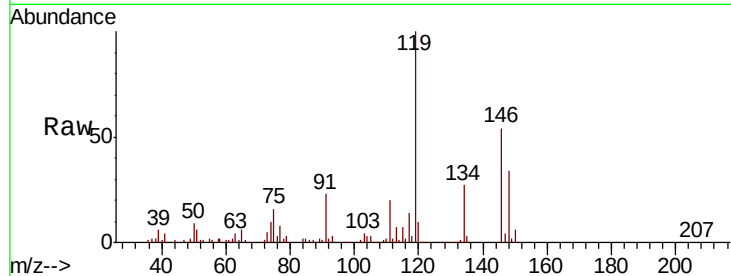




#83
 1,3-Dichlorobenzene
 Concen: 19.068 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

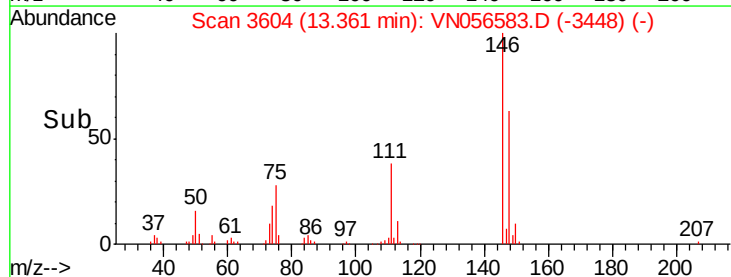
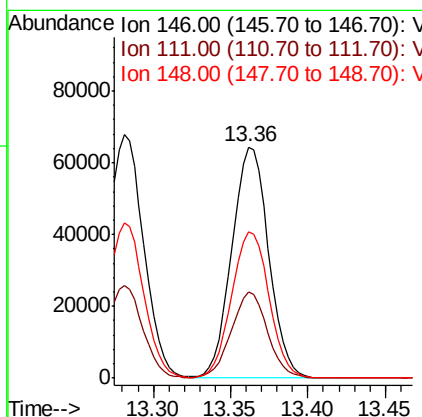
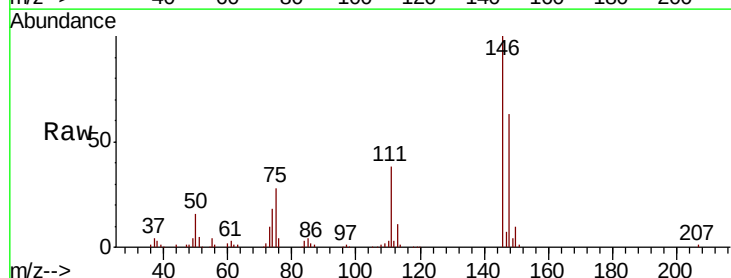
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

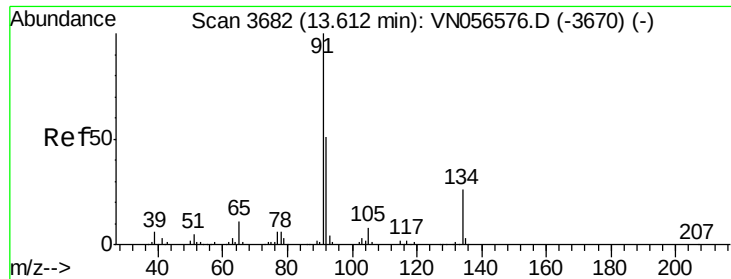
Tot Ion:146 Resp: 112711
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.2 54.6
 148 63.3 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.718 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion:146 Resp: 106730
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.6 52.9
 148 64.4 32.1 96.3





#85

n-Butylbenzene

Concen: 18.365 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056583.D

Acq: 3 Jul 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

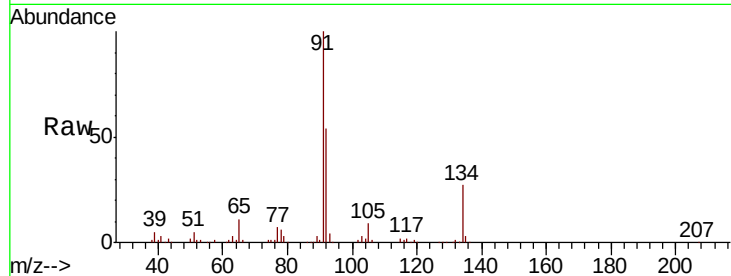
Tot Ion: 91 Resp: 183732

Ion Ratio Lower Upper

91 100

92 52.3 0.0 107.2

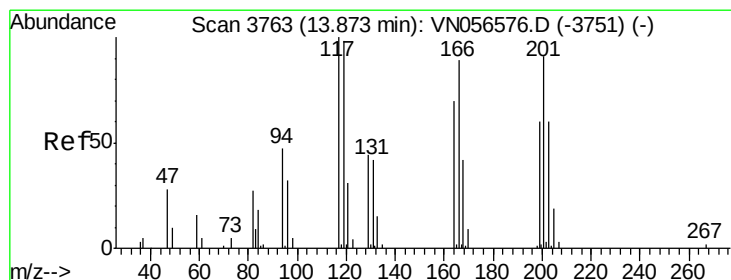
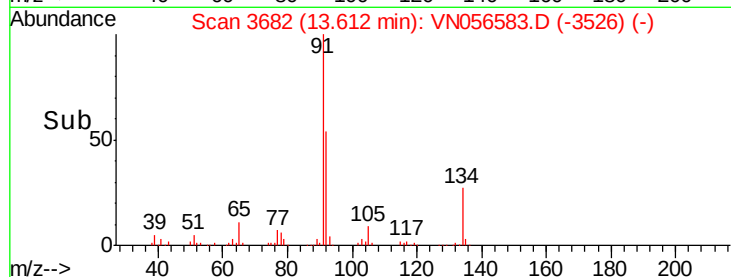
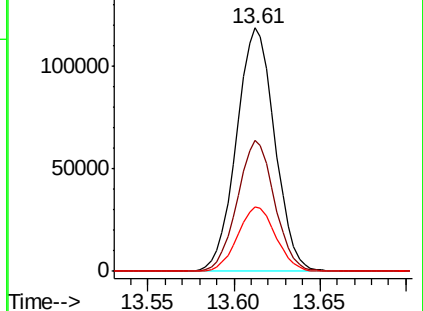
134 26.4 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#86

Hexachloroethane

Concen: 18.442 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056583.D

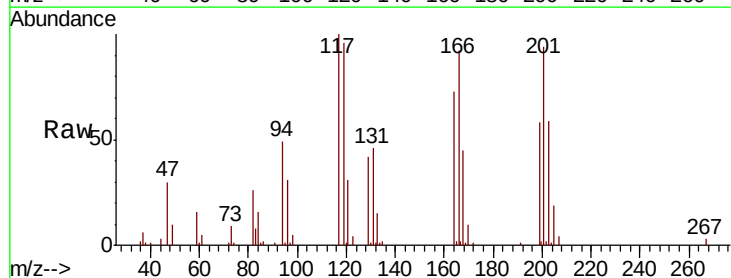
Acq: 3 Jul 2019 12:38

Tgt Ion: 117 Resp: 33104

Ion Ratio Lower Upper

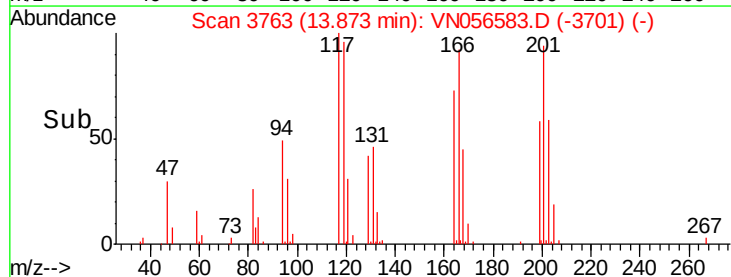
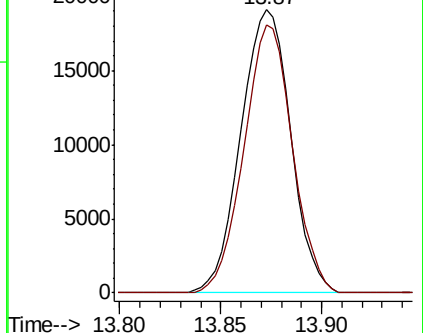
117 100

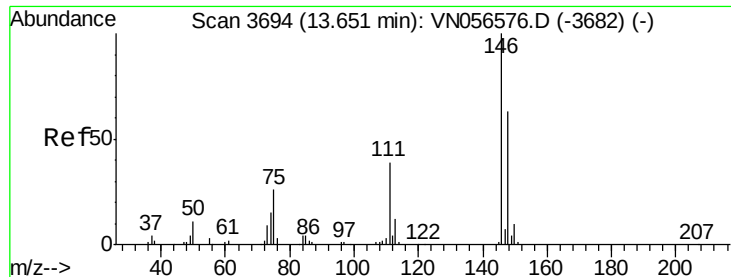
201 91.6 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

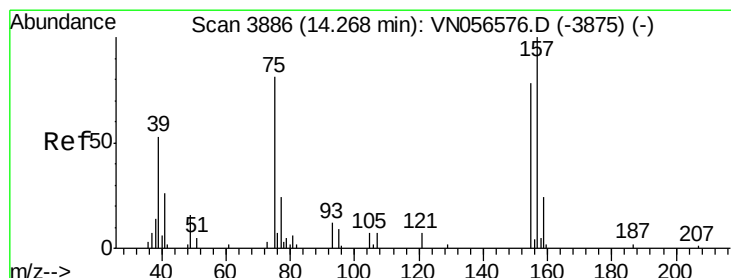
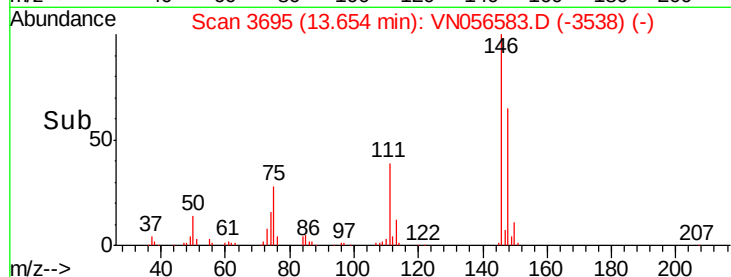
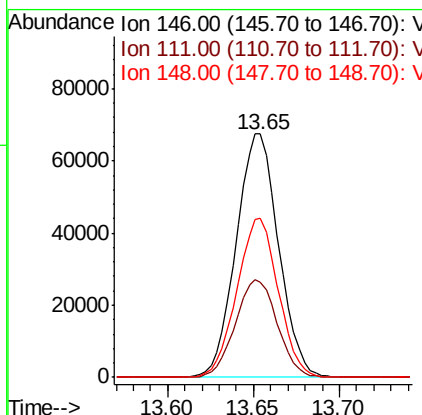
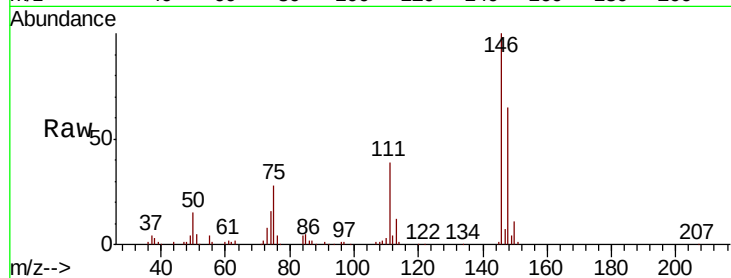




#87
 1,2-Dichlorobenzene
 Concen: 19.201 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

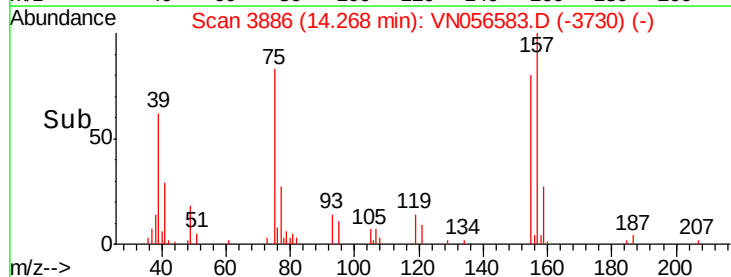
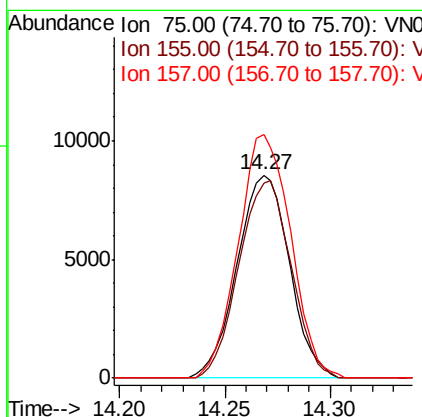
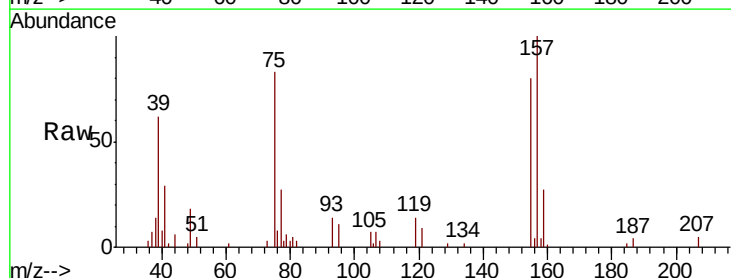
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

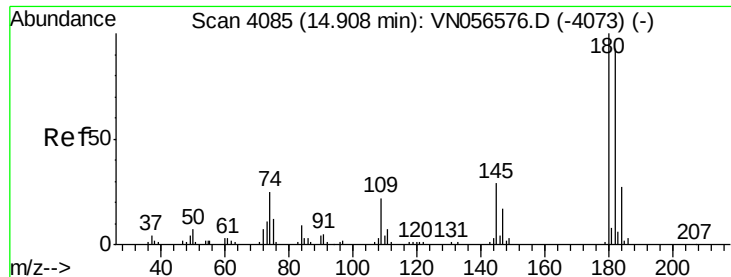
Tot Ion:146 Resp: 115259
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.3 57.9
 148 63.7 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.114 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion: 75 Resp: 14810
 Ion Ratio Lower Upper
 75 100
 155 96.5 82.5 123.7
 157 119.9 105.1 157.7

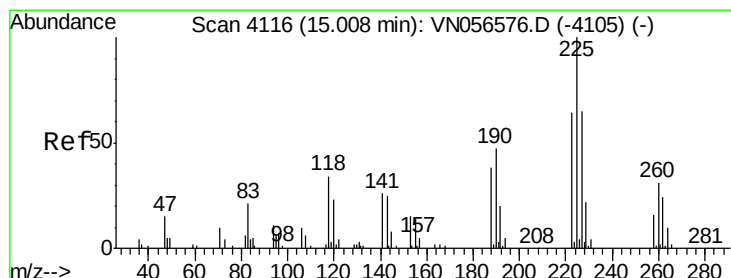
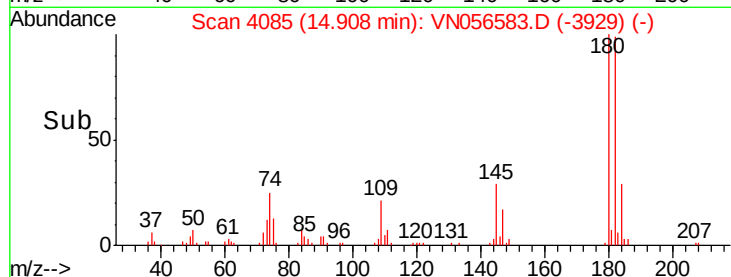
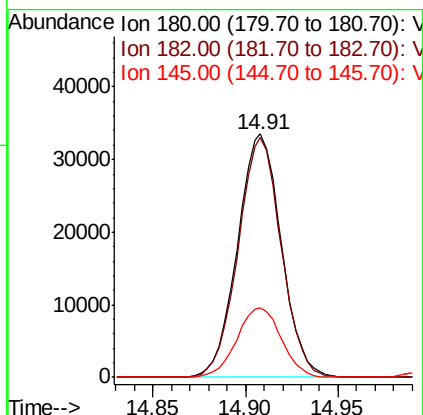
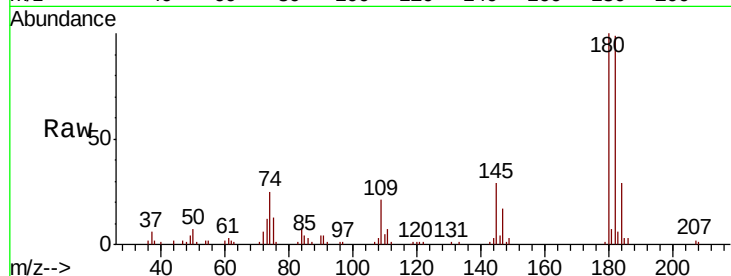




#89
 1,2,4-Trichlorobenzene
 Concen: 16.561 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

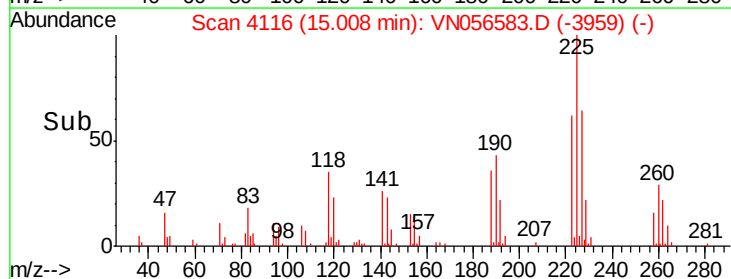
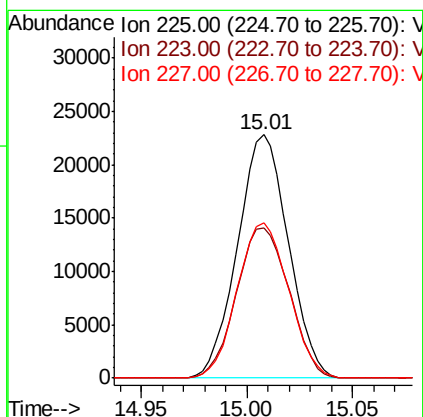
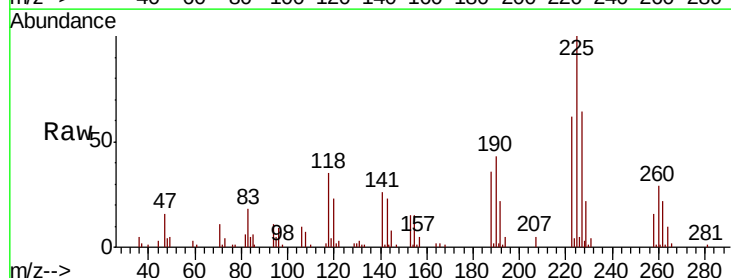
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

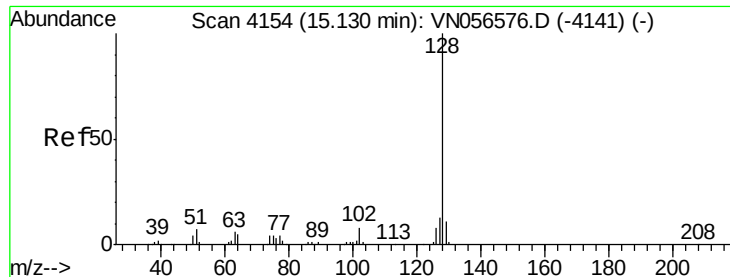
Tot Ion:180 Resp: 54946
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.0 112.6
 145 29.1 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 18.573 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056583.D
 Acq: 3 Jul 2019 12:38

Tgt Ion:225 Resp: 38285
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 125.6
 227 64.4 0.0 128.6

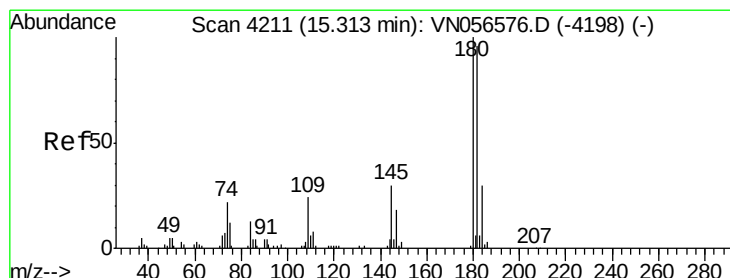
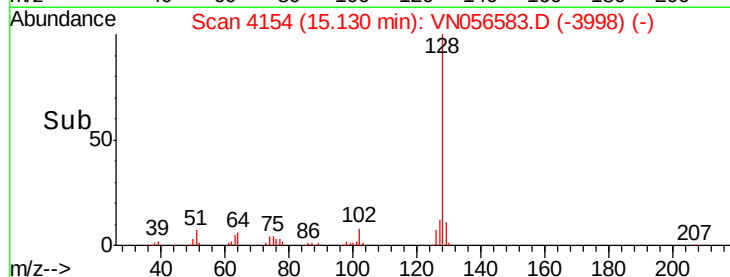
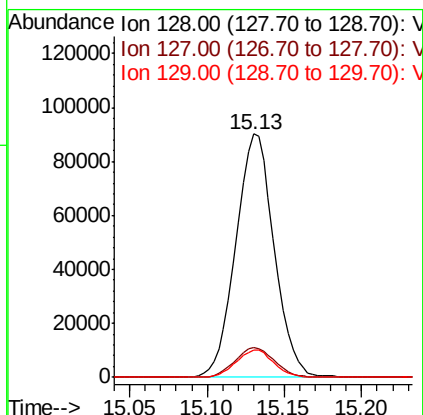
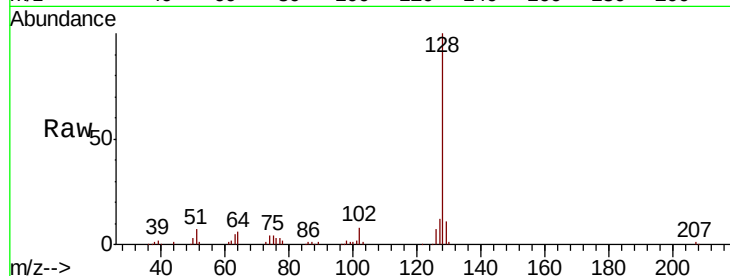




#91
Naphthalene
Concen: 16.671 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion:128 Resp: 155226
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 17.589 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056583.D
Acq: 3 Jul 2019 12:38

Tgt Ion:180 Resp: 61263
Ion Ratio Lower Upper
180 100
182 94.3 0.0 193.4
145 30.0 0.0 59.8

