

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056900.D
 Acq On : 24 Jul 2019 1:55
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 24 03:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59166	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	313841	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	274517	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	115734	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	12.40	95	119971	29.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.20%
63) Toluene-d8	10.09	98	394737	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	71706	20.271	ug/l 96
3) Chloromethane	2.06	50	89732	20.787	ug/l 99
4) Vinyl Chloride	2.19	62	84273	20.249	ug/l 99
5) Bromomethane	2.56	94	52807	20.666	ug/l 95
6) Chloroethane	2.71	64	46539	20.160	ug/l 99
7) Trichlorofluoromethane	3.02	101	101464	20.020	ug/l 98
8) Diethyl Ether	3.41	74	37580	19.899	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	63480	19.944	ug/l 98
10) 1,1-Dichloroethene	3.73	96	63682	20.161	ug/l 97
11) Methyl Iodide	3.95	142	92378	19.768	ug/l 98
12) Methyl Acetate	4.33	43	67083	17.354	ug/l 96
13) Acrolein	3.60	56	41143	94.042	ug/l 97
14) Acrylonitrile	4.99	53	145133	97.351	ug/l 92
15) Acetone	3.82	58	38287	99.336	ug/l 92
16) Carbon Disulfide	4.04	76	166436	19.541	ug/l 98
17) Allyl chloride	4.32	41	101041	19.116	ug/l 99
18) Methylene Chloride	4.55	84	74169	20.175	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	67145	20.086	ug/l 97
20) Diisopropyl ether	5.96	45	218894	20.397	ug/l 96
21) 1,1-Dichloroethane	5.85	63	126068	20.214	ug/l 99
22) cis-1,2-Dichloroethene	6.82	96	78382	20.231	ug/l 97
23) tert-Butyl Alcohol	4.81	59	53679	107.895	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	186099	19.487	ug/l 98
25) Chloroform	7.37	83	120515	19.808	ug/l 100
26) Cyclohexane	7.65	56	112972	19.719	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	91334	20.507	ug/l 98
30) 2-Butanone	6.84	43	175109	97.863	ug/l 100
31) 2,2-Dichloropropane	6.82	77	69724	16.870	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	99629	20.359	ug/l 100
33) Carbon Tetrachloride	7.77	117	83880	19.639	ug/l 96
34) Benzene	8.04	78	285818	20.367	ug/l 98
35) Methacrylonitrile	7.17	41	29066	16.266	ug/l 98
36) 1,2-Dichloroethane	8.12	62	90105	20.654	ug/l 100
37) Trichloroethene	8.83	130	75595	20.093	ug/l 99
38) Methylcyclohexane	9.08	83	110393	19.485	ug/l 98
39) 1,2-Dichloropropane	9.12	63	75738	20.219	ug/l 100
40) Dibromomethane	9.21	93	46502	20.237	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	87183	19.744	ug/l	99
42) Vinyl Acetate	5.90	43	785332	98.555	ug/l	100
43) Ethyl Acetate	6.93	43	73757	20.107	ug/l	98
44) Isopropyl Acetate	8.17	43	119984	19.623	ug/l #	87
45) 1,4-Dioxane	9.20	88	23695	407.068	ug/l	97
46) Methyl methacrylate	9.20	41	59487	19.502	ug/l	97
47) n-amyl Acetate	12.07	43	92095	18.815	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	85493	18.606	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	101923	19.035	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	68204	20.673	ug/l	98
51) Ethyl methacrylate	10.43	69	91882	19.254	ug/l	98
52) 1,3-Dichloropropane	10.71	76	111743	20.069	ug/l	100
53) Dibromochloromethane	10.90	129	66291	19.330	ug/l	99
54) 1,2-Dibromoethane	11.00	107	68118	20.238	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	191209	92.518	ug/l	98
56) Bromoform	12.13	173	44970	18.953	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	367211	99.680	ug/l	99
59) 2-Hexanone	10.75	43	248227	98.884	ug/l	100
61) Tetrachloroethene	10.63	164	79233	20.594	ug/l	99
62) Toluene	10.15	91	302997	20.294	ug/l	100
64) Chlorobenzene	11.43	112	181104	20.138	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	67990	19.960	ug/l	98
66) Ethyl Benzene	11.51	91	313599	19.933	ug/l	99
67) m/p-Xylenes	11.62	106	236670	40.340	ug/l	100
68) o-Xylene	11.95	106	116592	20.213	ug/l	99
69) Styrene	11.96	104	184724	19.762	ug/l	100
70) Isopropylbenzene	12.25	105	306973	20.212	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	85842	20.179	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	98205	26.238	ug/l	68
73) Bromobenzene	12.52	156	77117	19.677	ug/l	99
74) n-propylbenzene	12.59	91	328591	19.787	ug/l	100
75) 2-Chlorotoluene	12.67	91	205493	20.410	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	260157	20.347	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19757	16.812	ug/l	95
78) 4-Chlorotoluene	12.77	91	186308	19.467	ug/l	100
79) tert-butylbenzene	12.99	119	221880	20.110	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	251519	20.179	ug/l	100
81) sec-Butylbenzene	13.17	105	285281	19.804	ug/l	100
82) p-Isopropyltoluene	13.29	119	254491	19.671	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	117764	19.084	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	109341	18.741	ug/l	98
85) n-Butylbenzene	13.61	91	185000	18.211	ug/l	99
86) Hexachloroethane	13.87	117	42141	19.464	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	123478	20.146	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12067	18.336	ug/l	92
89) 1,2,4-Trichlorobenzene	14.90	180	48740	19.564	ug/l	99
90) Hexachlorobutadiene	15.00	225	44869	19.916	ug/l	98
91) Naphthalene	15.13	128	122012	18.937	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	57220	17.659	ug/l	99

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QLast Update : Wed Jul 24 03:39:51 2019
Response via : Initial Calibration

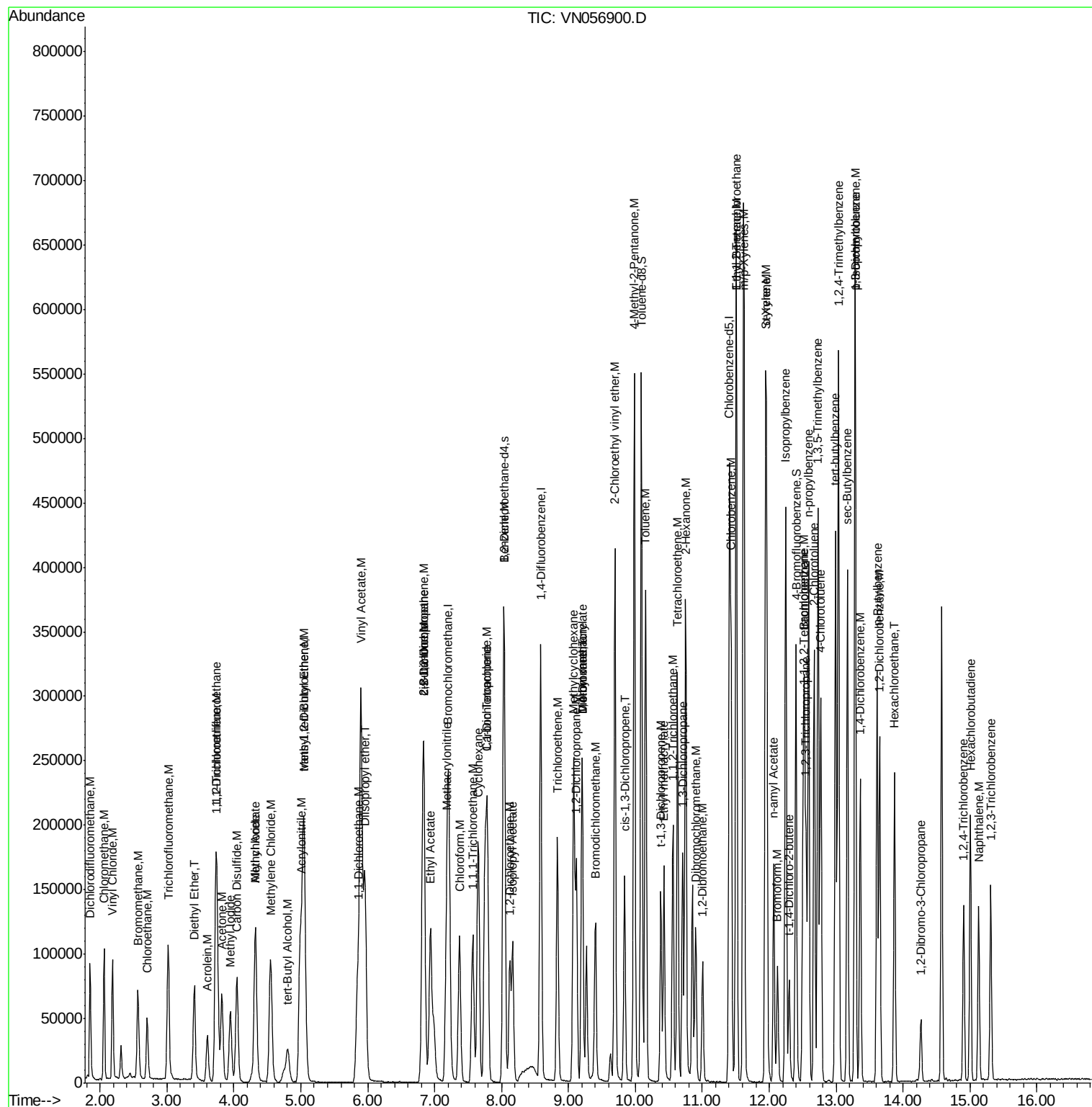
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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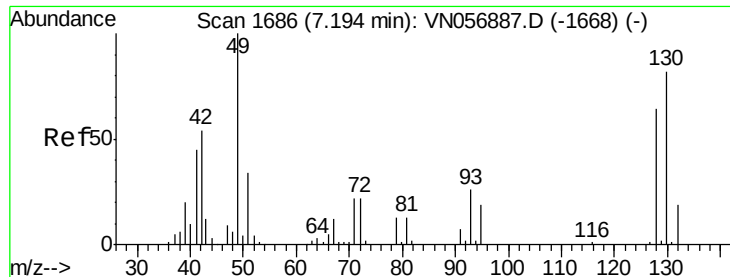
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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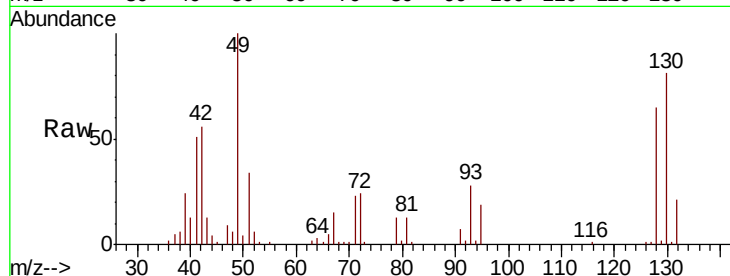




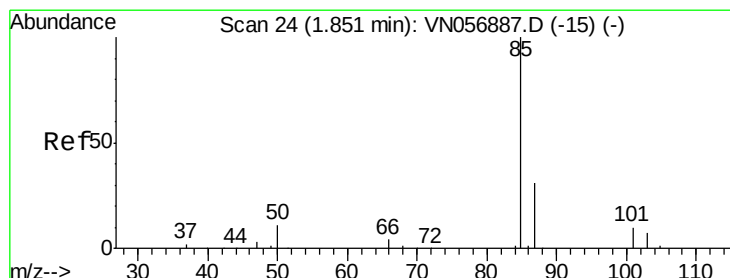
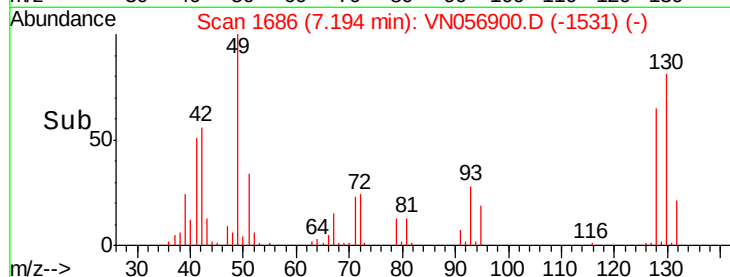
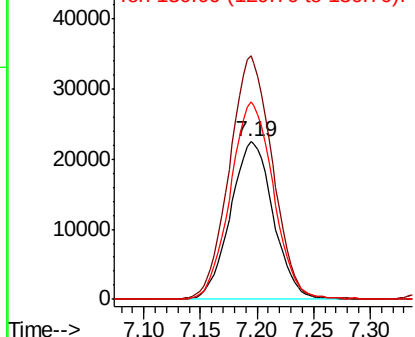
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

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 ClientSampleId :
 VSTDCCC020EC

Tot Ion:128 Resp: 59166
 Ion Ratio Lower Upper
 128 100
 49 155.3 0.0 385.8
 130 126.2 0.0 322.5

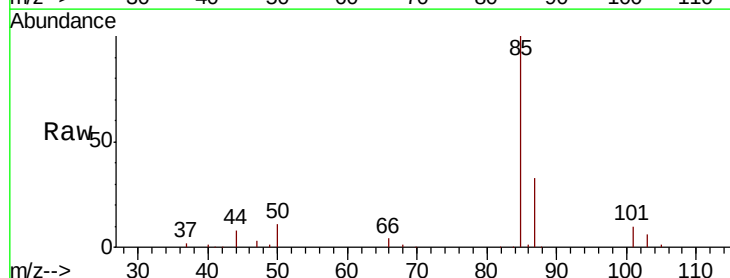


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

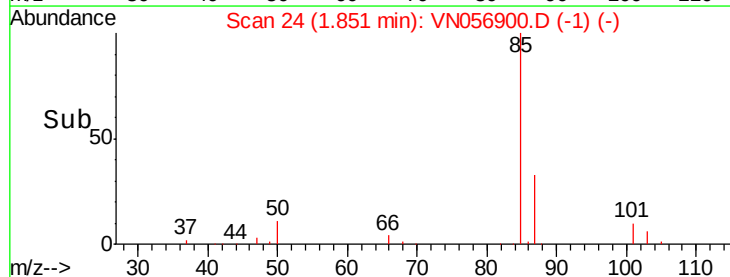
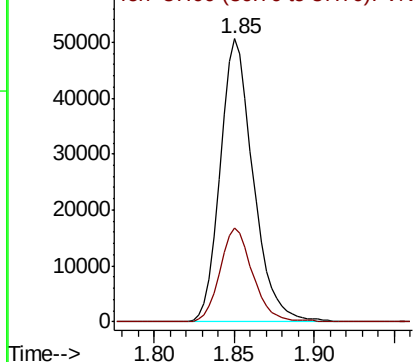


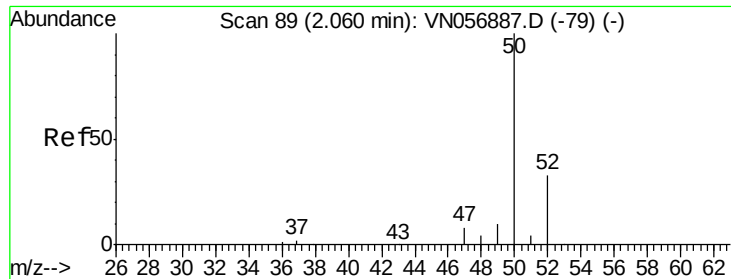
#2
 Dichlorodifluoromethane
 Concen: 20.271 ug/l
 RT: 1.85 min Scan# 24
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 85 Resp: 71706
 Ion Ratio Lower Upper
 85 100
 87 33.3 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 20.787 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

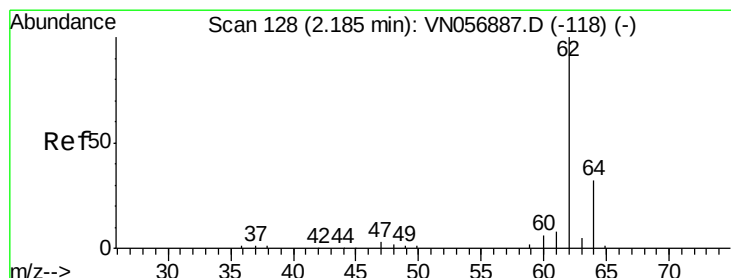
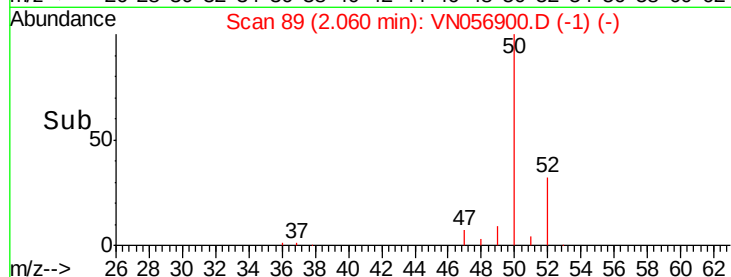
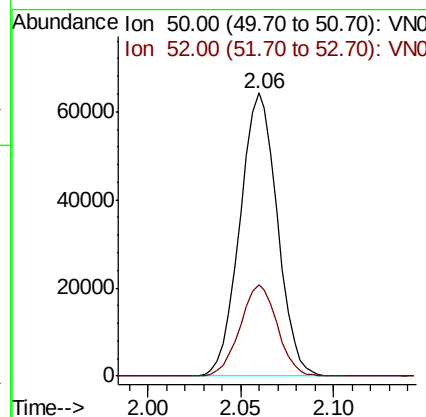
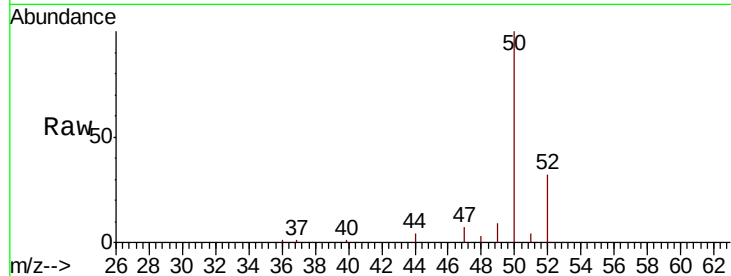
VSTDCCC020EC

Tot Ion: 50 Resp: 89732

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 20.249 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN056900.D

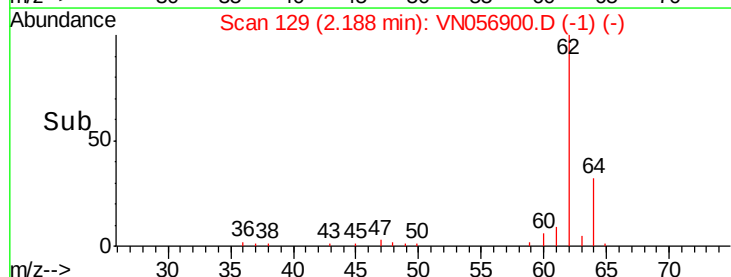
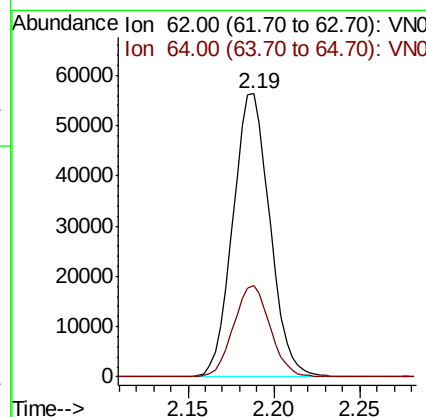
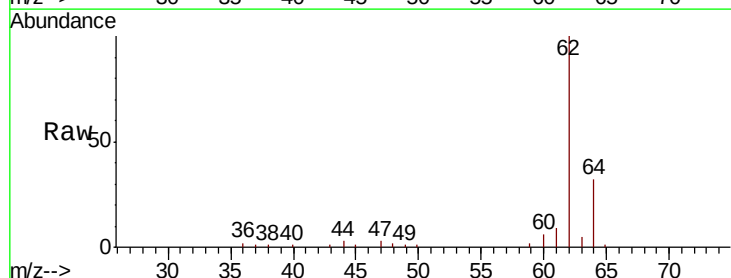
Acq: 24 Jul 2019 1:55

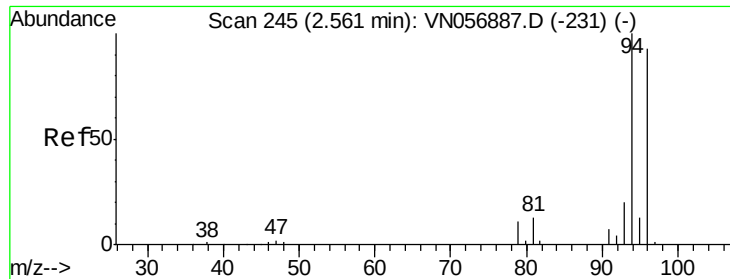
Tgt Ion: 62 Resp: 84273

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0

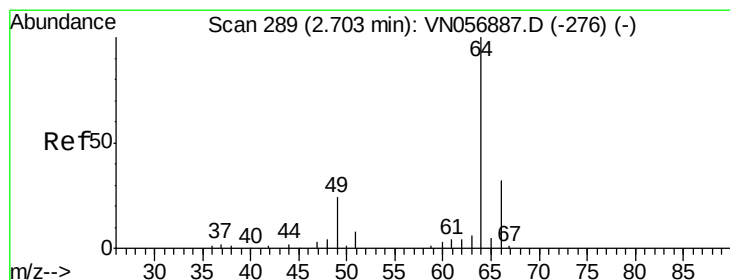
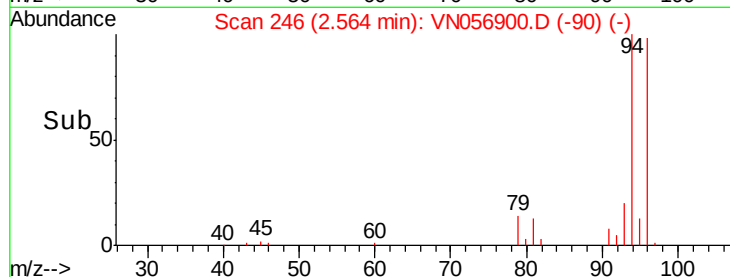
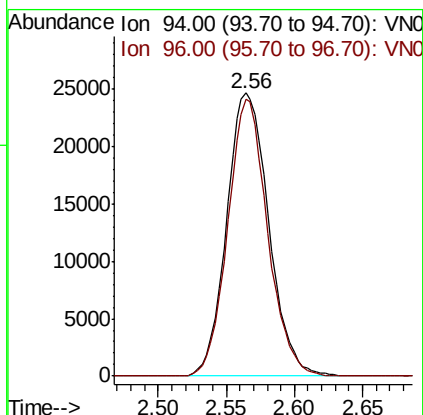
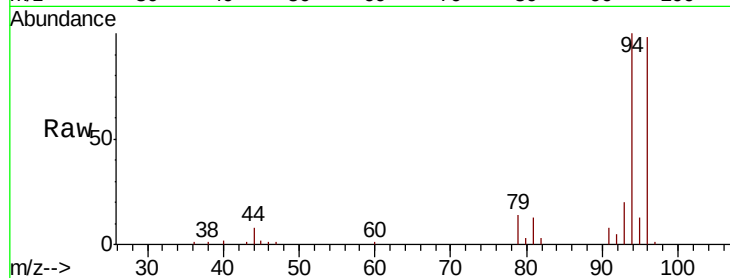




#5
Bromomethane
Concen: 20.666 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

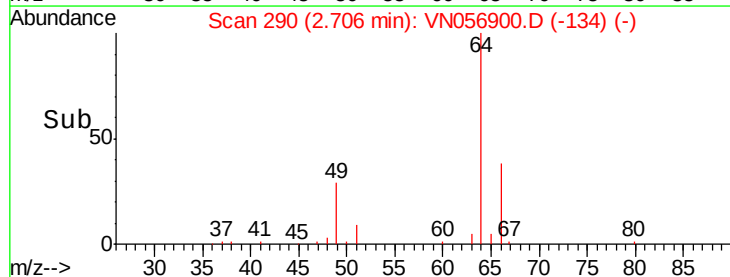
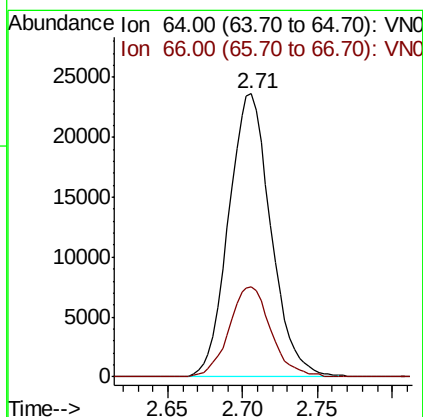
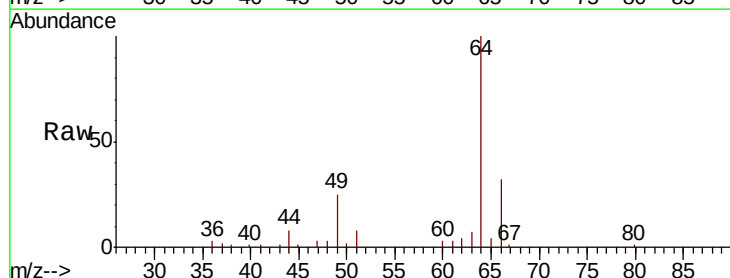
Instrument :
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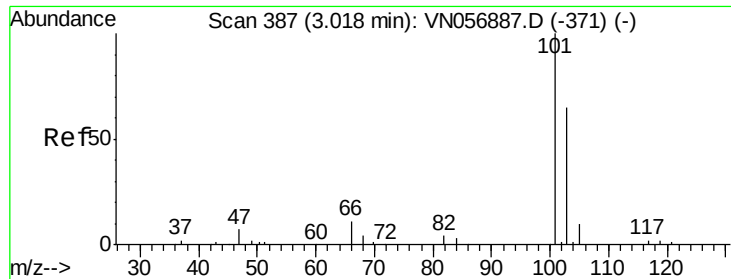
Tot Ion: 94 Resp: 52807
Ion Ratio Lower Upper
94 100
96 97.8 74.7 112.1



#6
Chloroethane
Concen: 20.160 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 64 Resp: 46539
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8



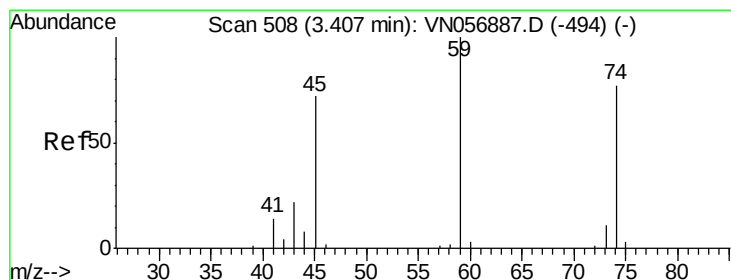
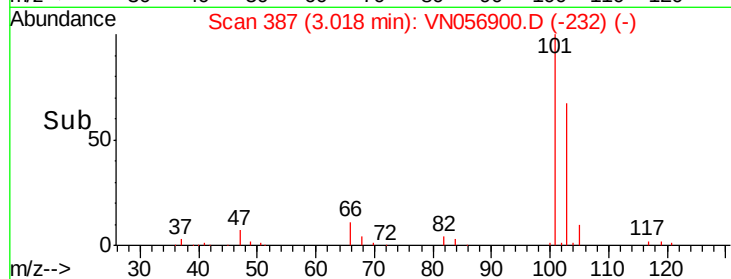
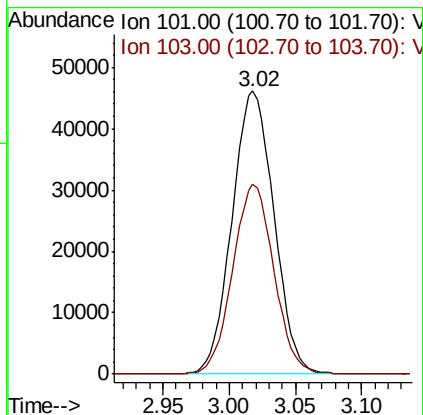
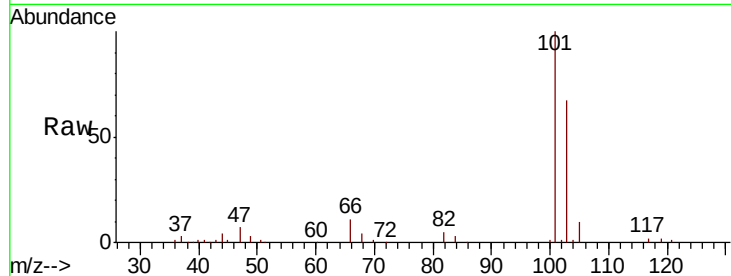


#7

Trichlorofluoromethane
 Concen: 20.020 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
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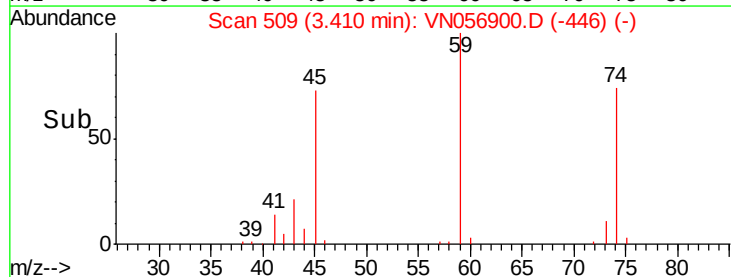
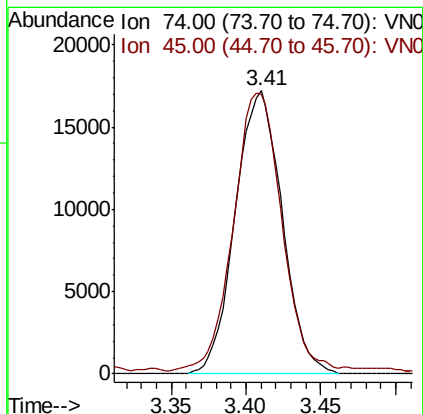
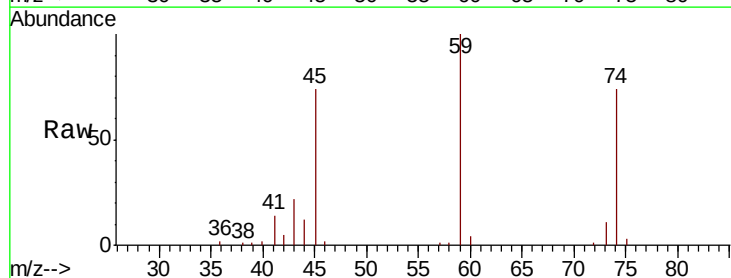
Tot Ion:101 Resp: 101464
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.2 78.4

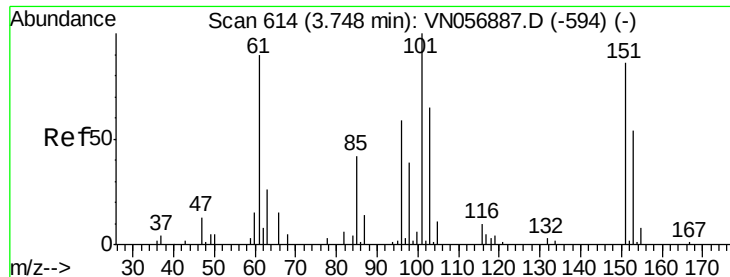


#8

Diethyl Ether
 Concen: 19.899 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 74 Resp: 37580
 Ion Ratio Lower Upper
 74 100
 45 100.0 19.5 175.7

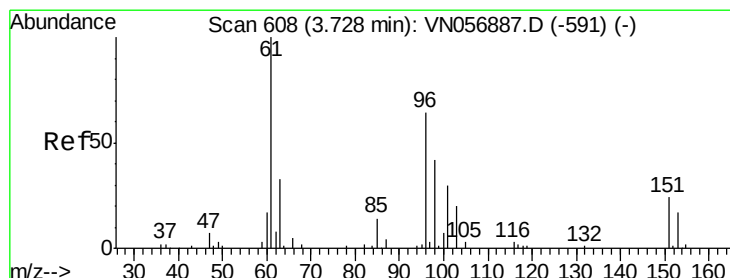
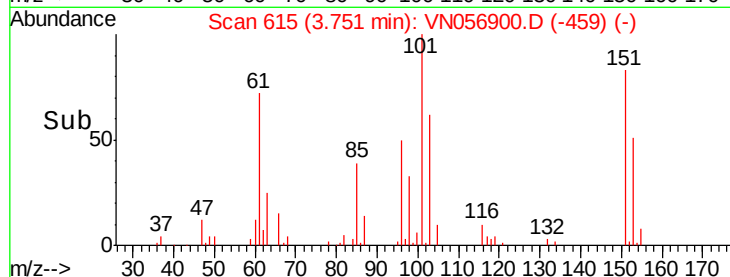
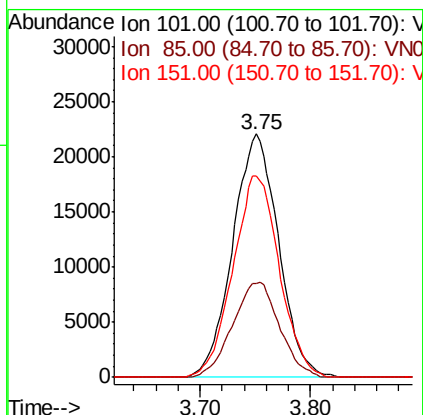
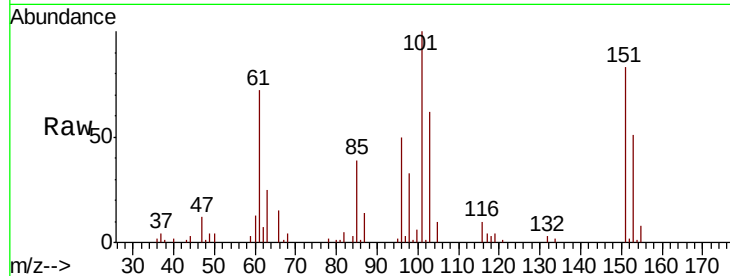




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.944 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

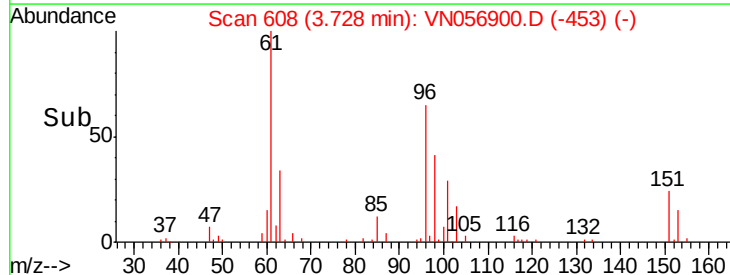
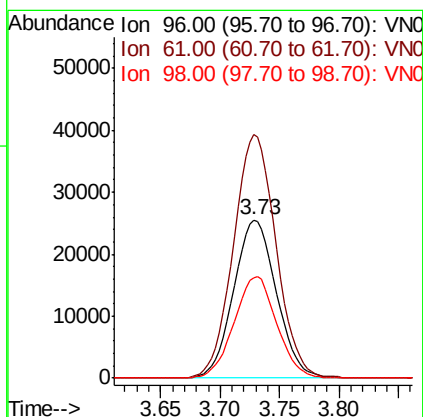
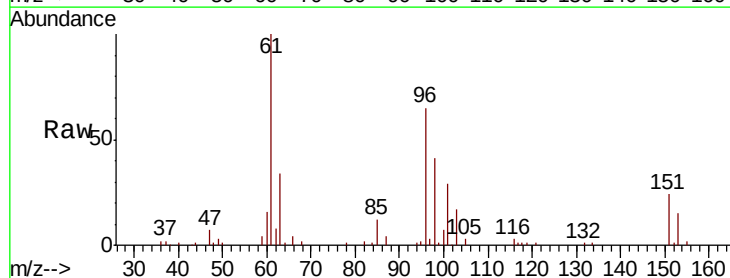
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

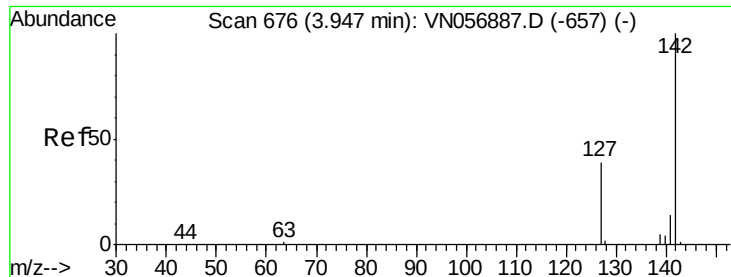
Tot Ion:101 Resp: 63480
 Ion Ratio Lower Upper
 101 100
 85 40.0 0.0 85.0
 151 83.8 0.0 167.2



#10
 1,1-Dichloroethene
 Concen: 20.161 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 96 Resp: 63682
 Ion Ratio Lower Upper
 96 100
 61 153.9 125.8 188.8
 98 63.6 52.7 79.1

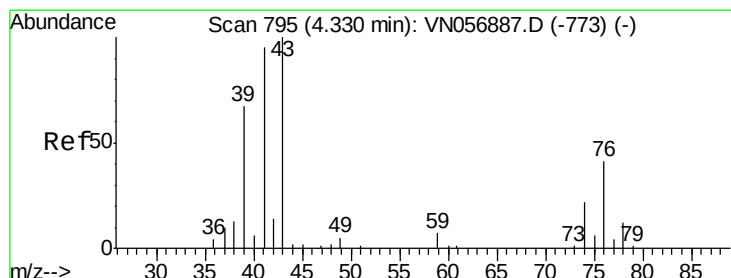
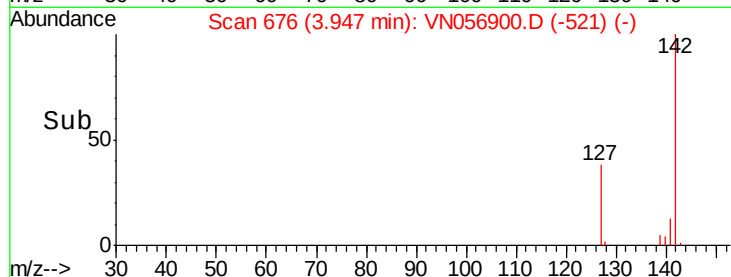
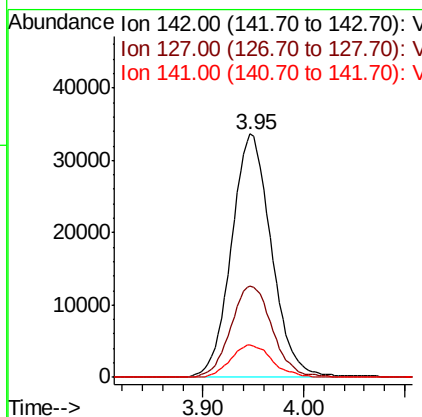
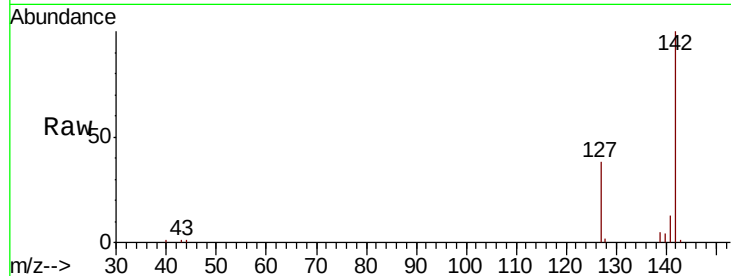




#11
Methvl Iodide
Concen: 19.768 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

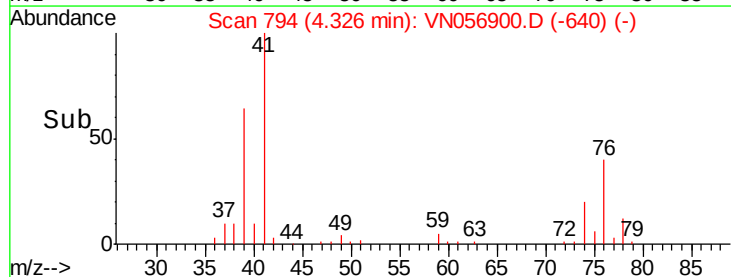
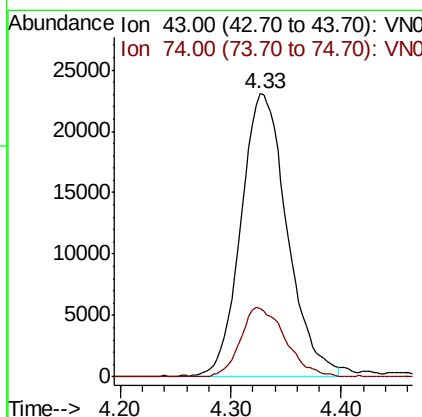
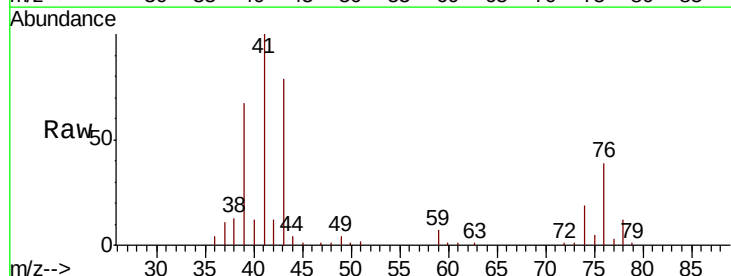
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

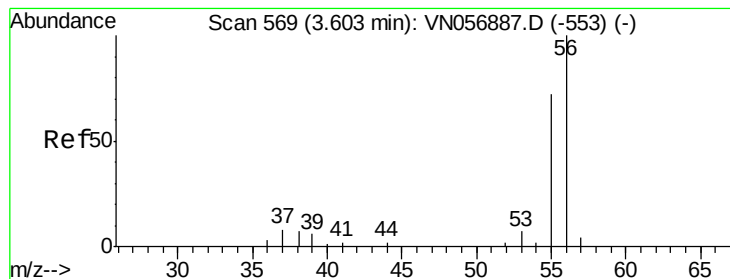
Tot Ion:142 Resp: 92378
Ion Ratio Lower Upper
142 100
127 37.8 19.6 58.8
141 13.2 7.2 21.6



#12
Methyl Acetate
Concen: 17.354 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 67083
Ion Ratio Lower Upper
43 100
74 24.7 18.1 27.1





#13

Acrolein

Concen: 94.042 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

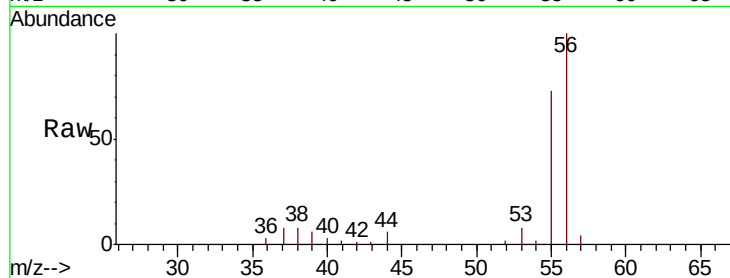
VSTDCCC020EC

Tot Ion: 56 Resp: 41143

Ion Ratio Lower Upper

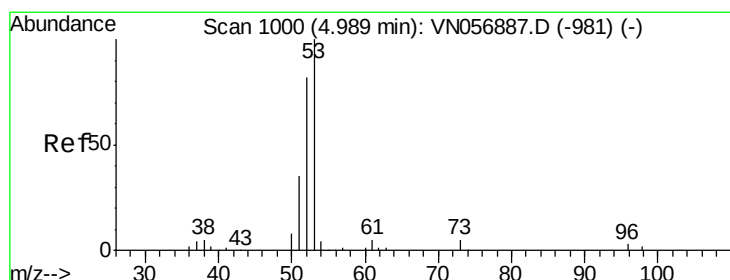
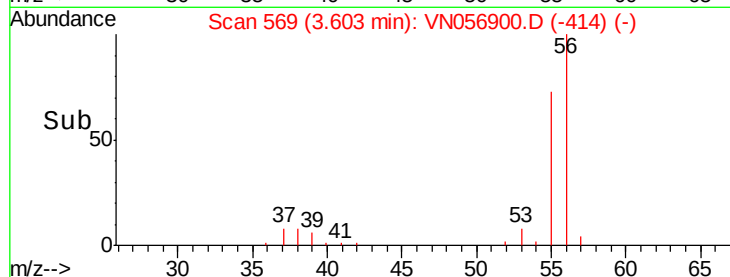
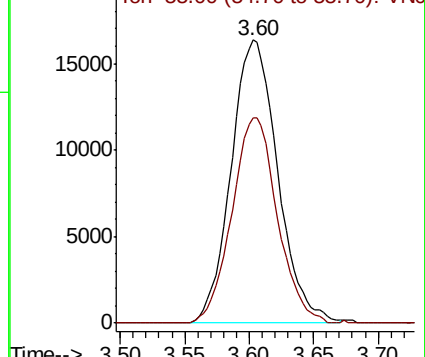
56 100

55 70.7 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 97.351 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

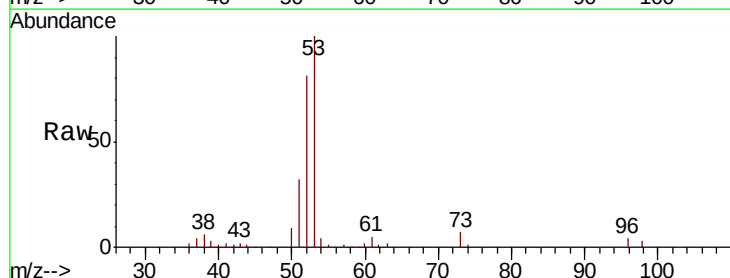
Tgt Ion: 53 Resp: 145133

Ion Ratio Lower Upper

53 100

52 81.8 40.8 122.5

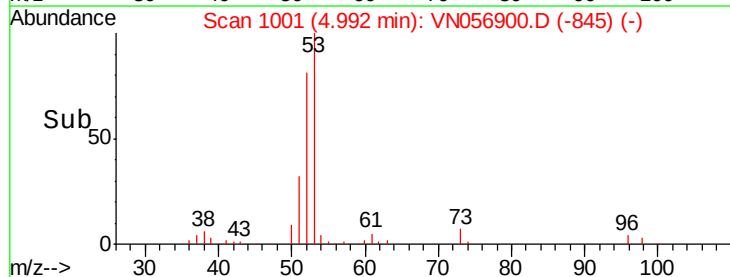
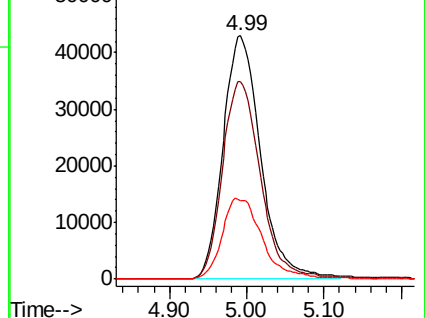
51 18.6 17.4 52.2

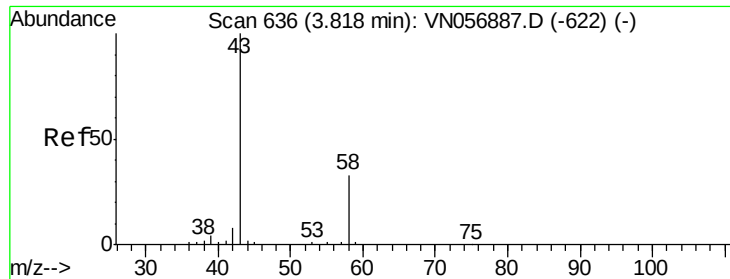


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 99.336 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

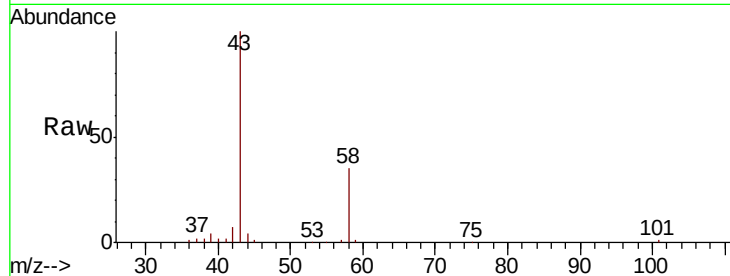
VSTDCCC020EC

Tot Ion: 58 Resp: 38287

Ion Ratio Lower Upper

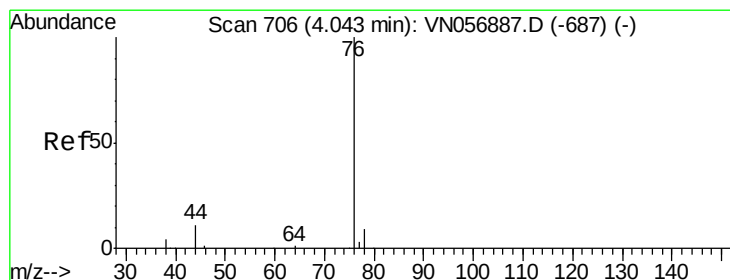
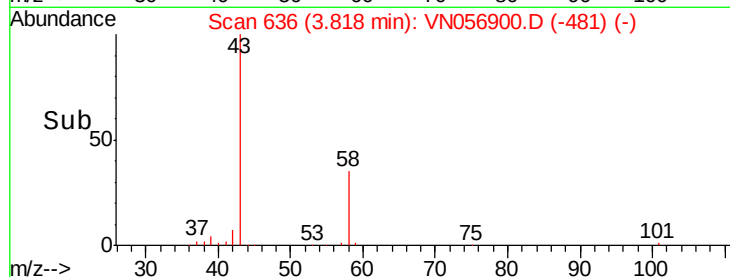
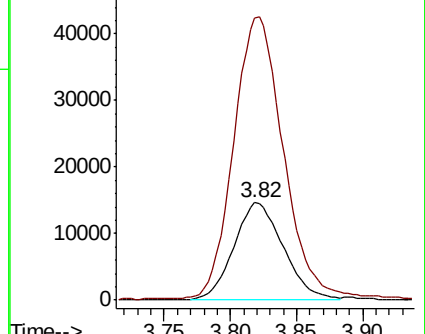
58 100

43 286.7 242.4 363.6



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.541 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN056900.D

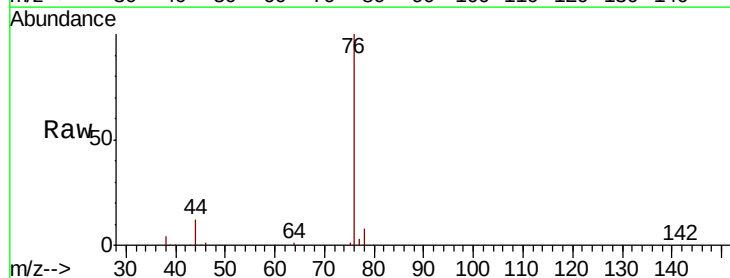
Acq: 24 Jul 2019 1:55

Tgt Ion: 76 Resp: 166436

Ion Ratio Lower Upper

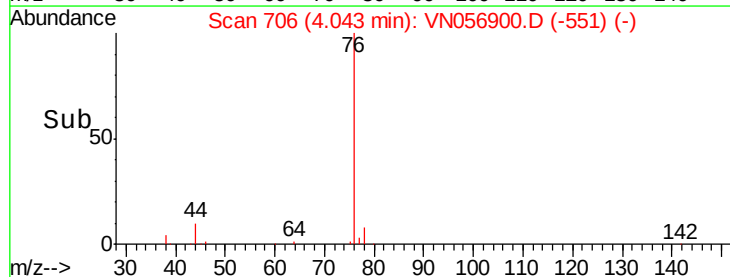
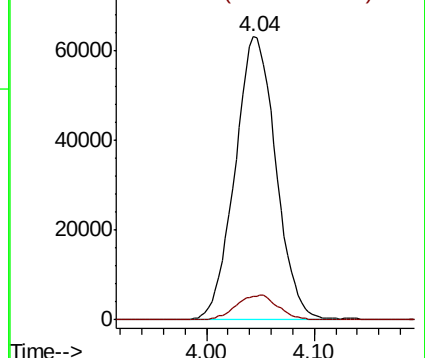
76 100

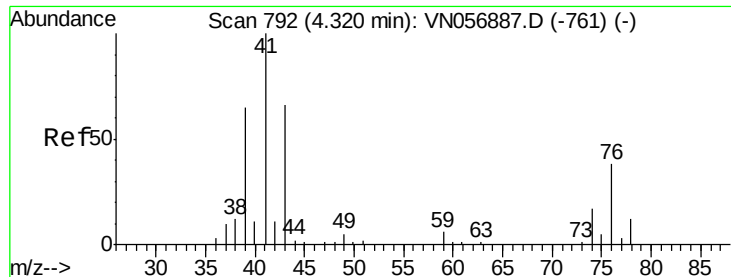
78 8.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allvl chloride

Concen: 19.116 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

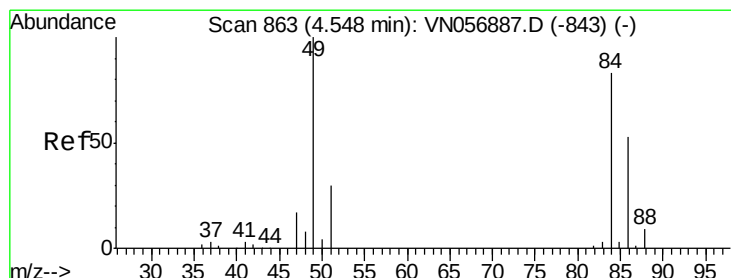
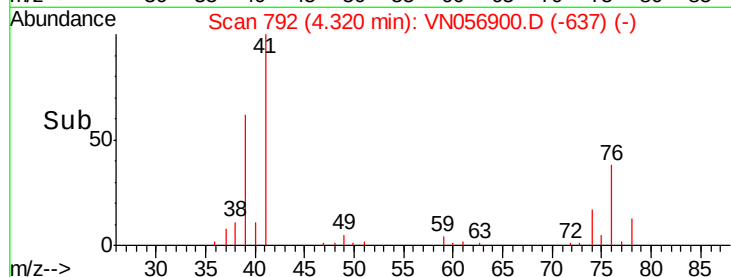
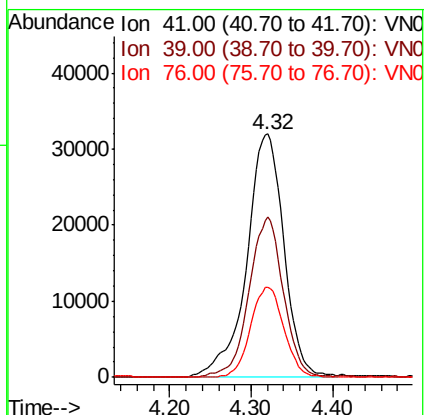
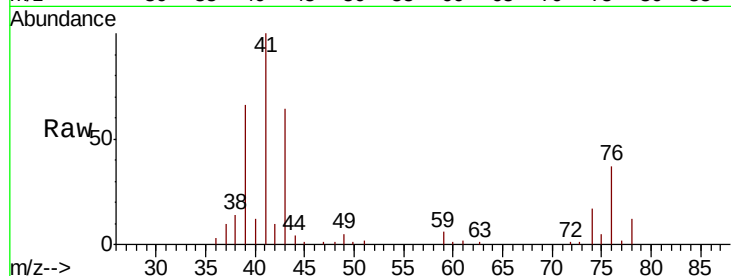
Tot Ion: 41 Resp: 101041

Ion Ratio Lower Upper

41 100

39 65.7 32.4 97.0

76 37.2 19.0 57.0



#18

Methylene Chloride

Concen: 20.175 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Tgt Ion: 84 Resp: 74169

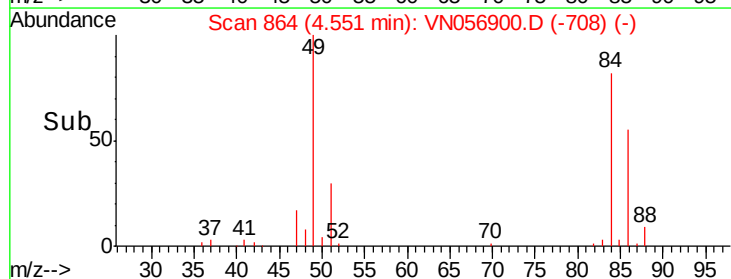
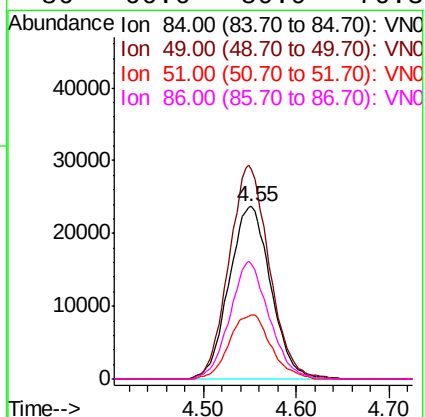
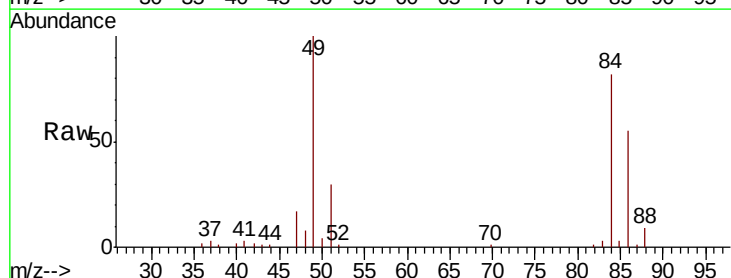
Ion Ratio Lower Upper

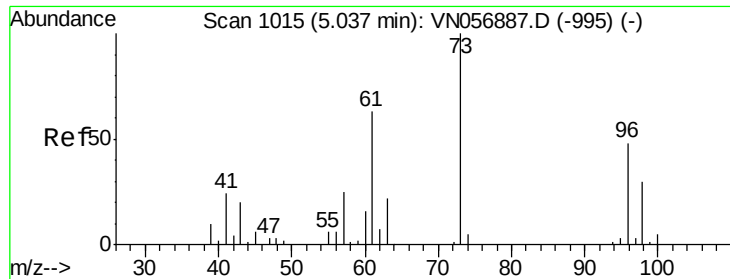
84 100

49 121.8 96.3 144.5

51 36.9 28.8 43.2

86 66.6 50.9 76.3

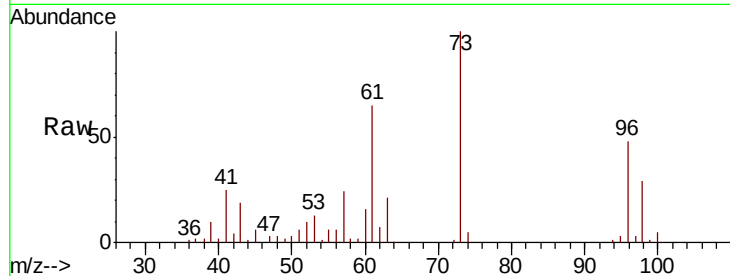




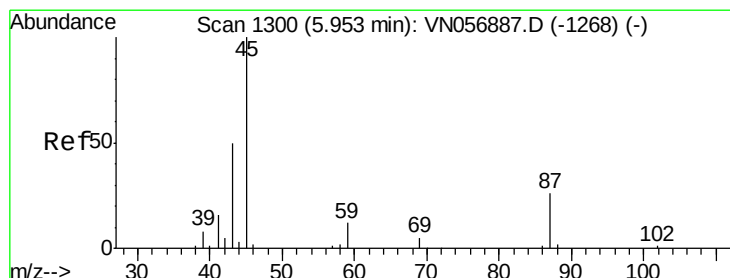
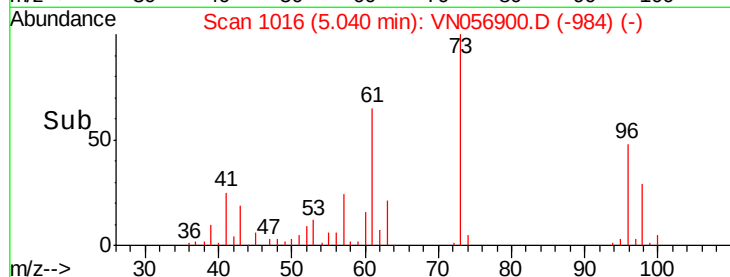
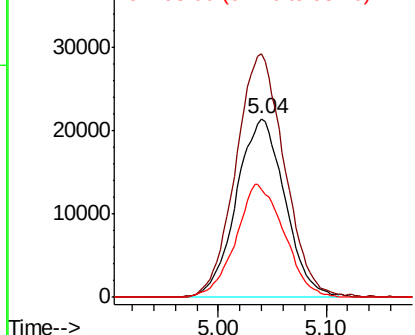
#19
trans-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 67145
Ion Ratio Lower Upper
96 100
61 135.4 105.4 158.0
98 60.5 50.8 76.2

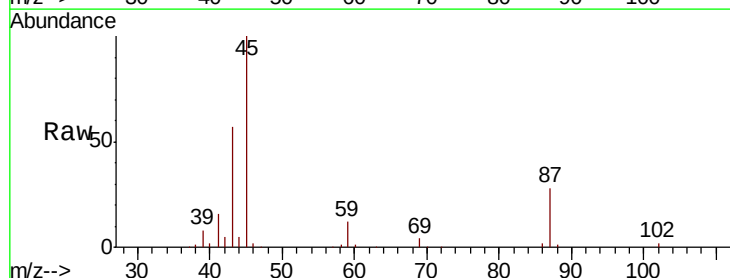


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

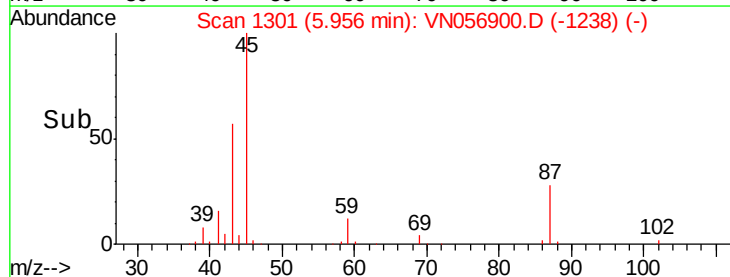
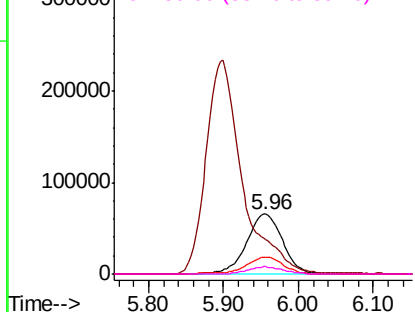


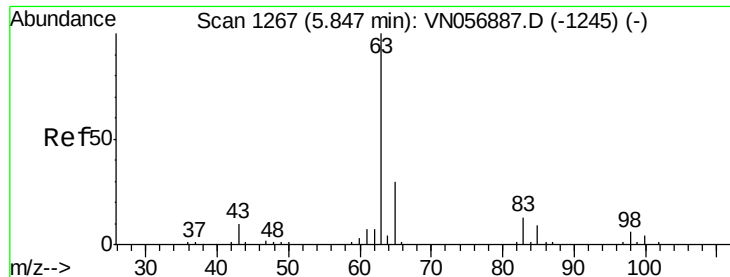
#20
Diisopropyl ether
Concen: 20.397 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 45 Resp: 218894
Ion Ratio Lower Upper
45 100
43 55.6 47.4 71.0
87 28.3 21.7 32.5
59 11.8 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 20.214 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

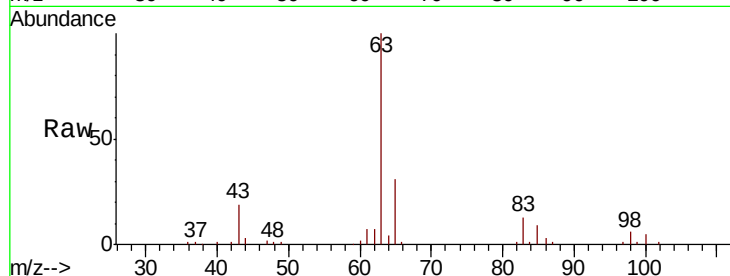
Tot Ion: 63 Resp: 126068

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

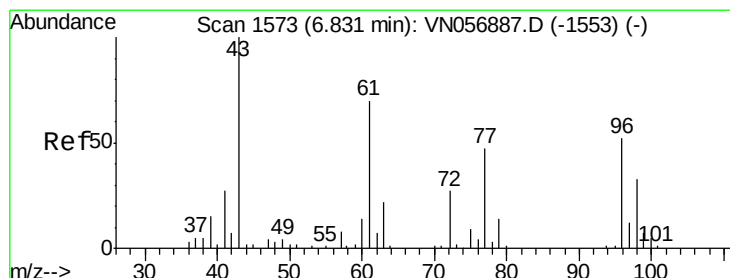
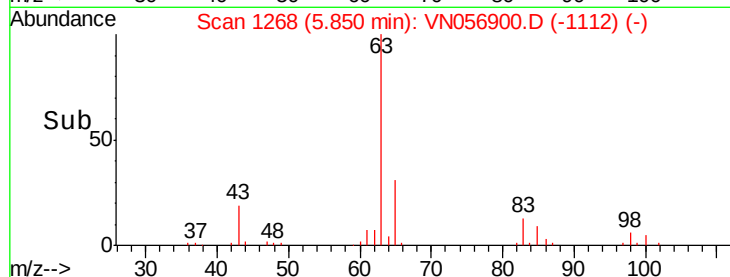
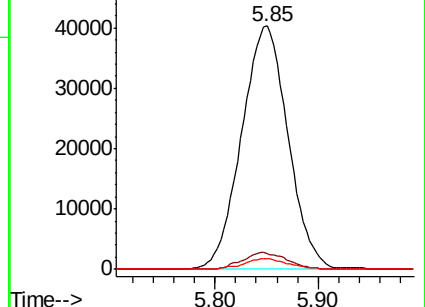
100 4.6 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN056887.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VN056887.D (-1245) (-)

Ion 100.00 (99.70 to 100.70): VN056887.D (-1245) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.231 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.01 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

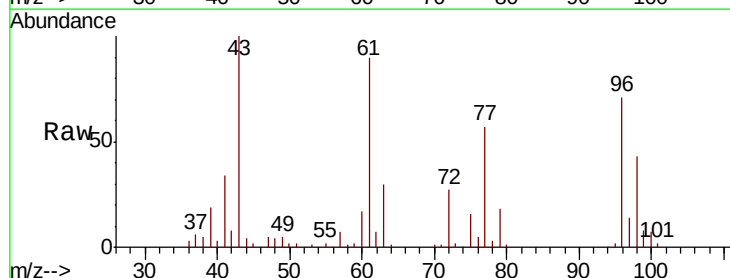
Tgt Ion: 96 Resp: 78382

Ion Ratio Lower Upper

96 100

61 135.4 111.6 167.4

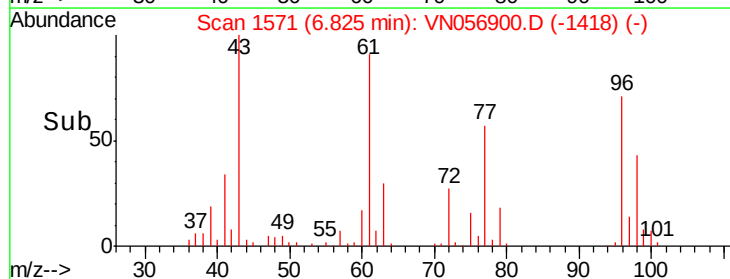
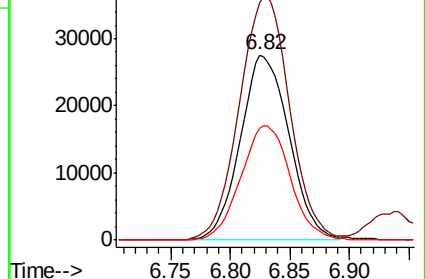
98 62.5 51.0 76.4

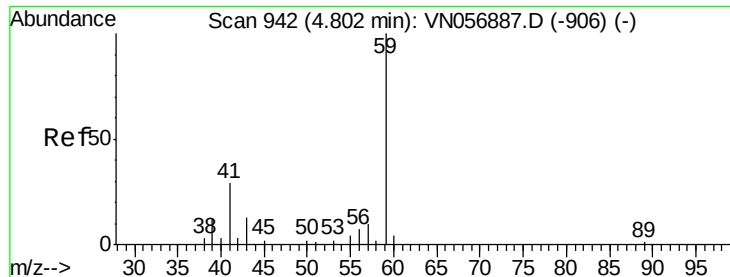


Abundance Ion 96.00 (95.70 to 96.70): VN056887.D (-1553) (-)

Ion 61.00 (60.70 to 61.70): VN056887.D (-1553) (-)

Ion 98.00 (97.70 to 98.70): VN056887.D (-1553) (-)



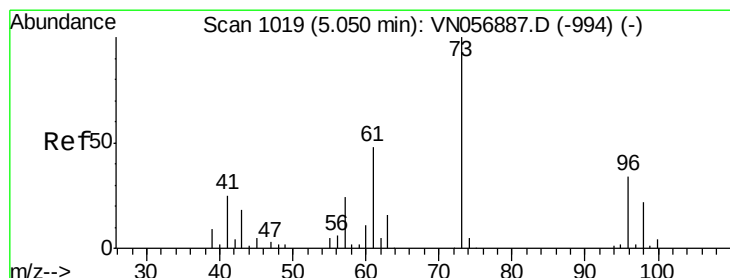
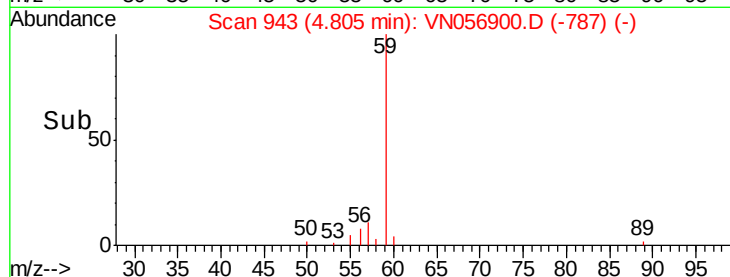
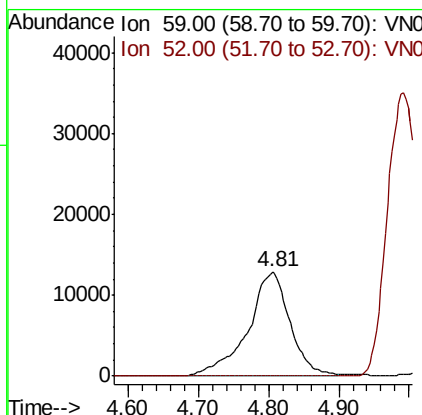
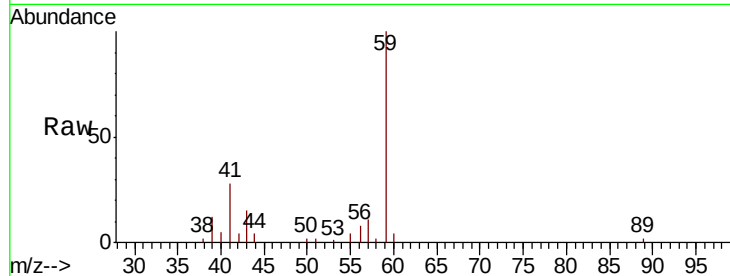


#23

tert-Butyl Alcohol
 Concen: 107.895 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

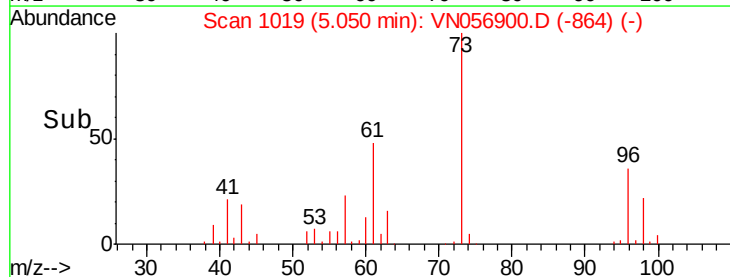
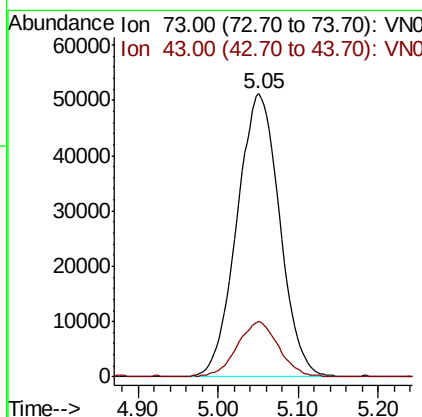
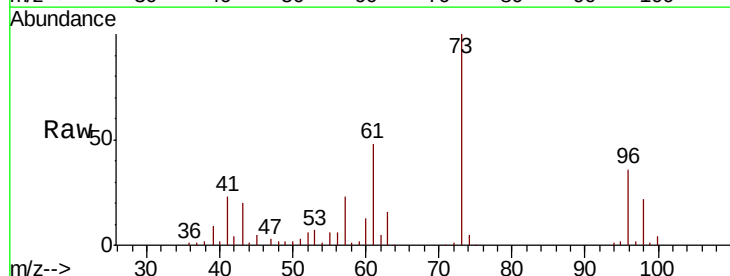
Tot Ion: 59 Resp: 53679
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

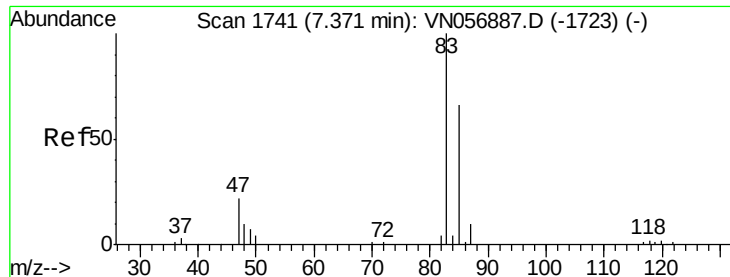


#24

Methyl tert-Butyl Ether
 Concen: 19.487 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 73 Resp: 186099
 Ion Ratio Lower Upper
 73 100
 43 18.5 15.4 23.0

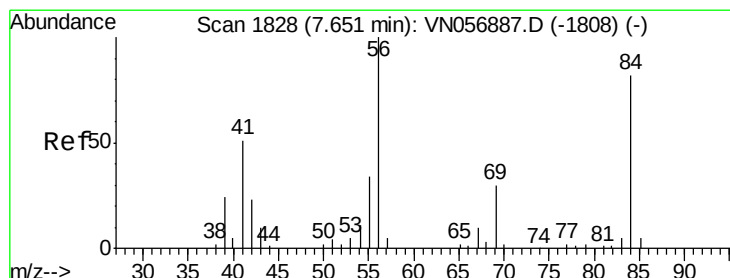
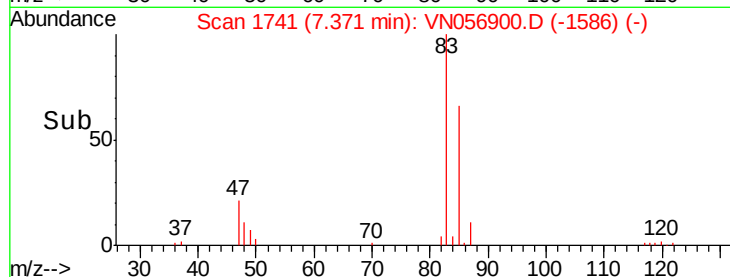
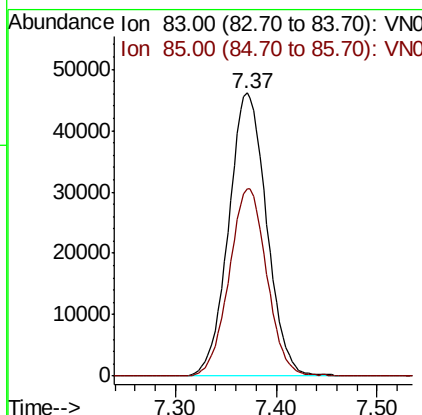
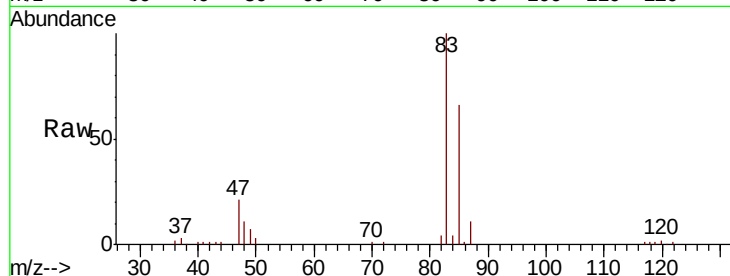




#25
Chloroform
Concen: 19.808 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

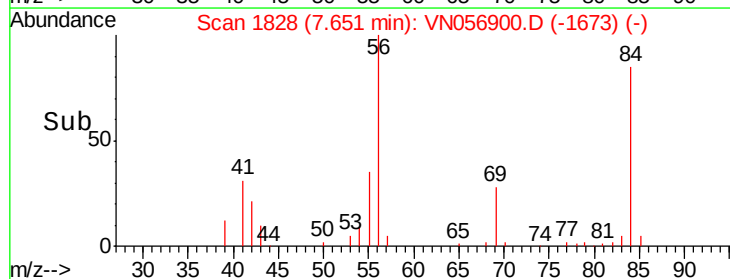
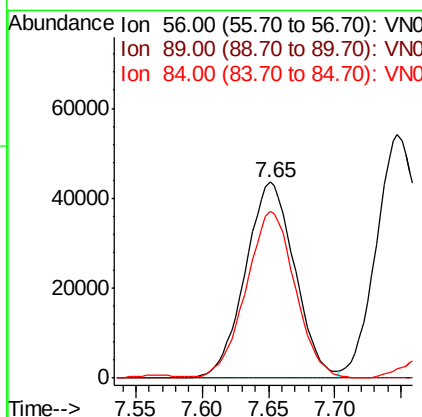
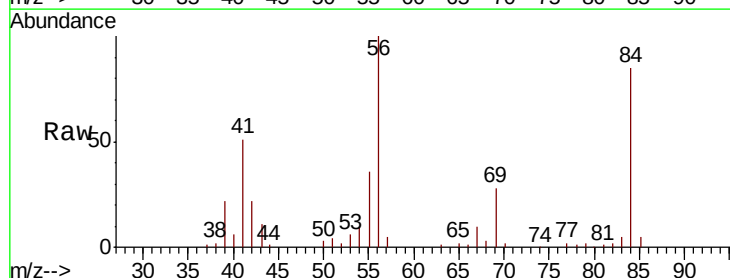
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

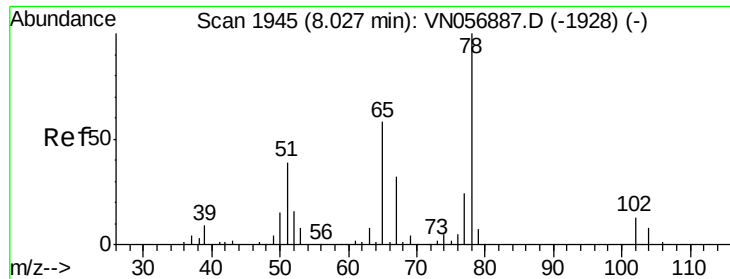
Tot Ion: 83 Resp: 120515
Ion Ratio Lower Upper
83 100
85 66.3 53.1 79.7



#26
Cyclohexane
Concen: 19.719 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 56 Resp: 112972
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.4 67.8 101.6

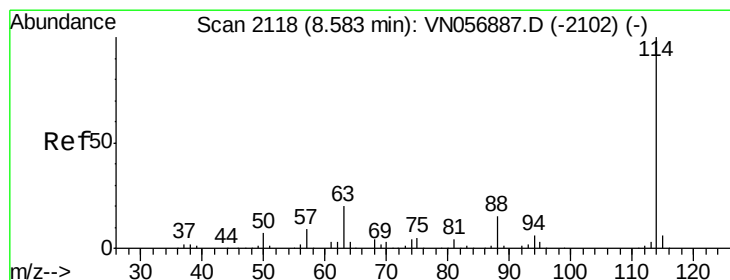
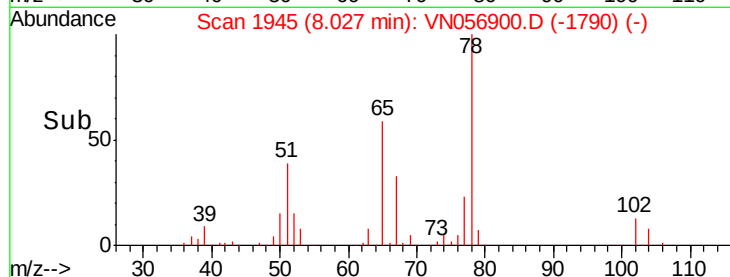
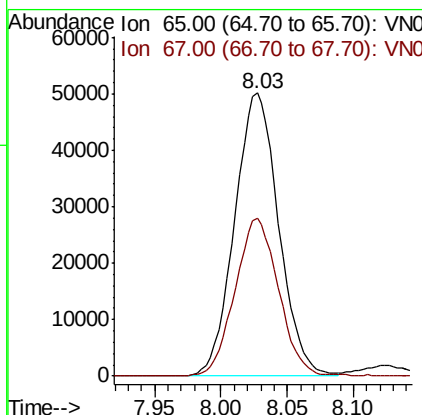
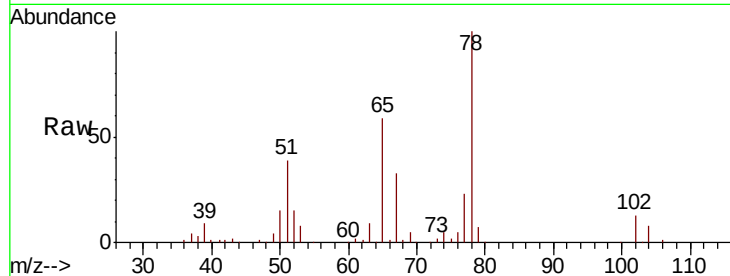




#27
 1,2-Dichloroethane-d4
 Concen: 29.890 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

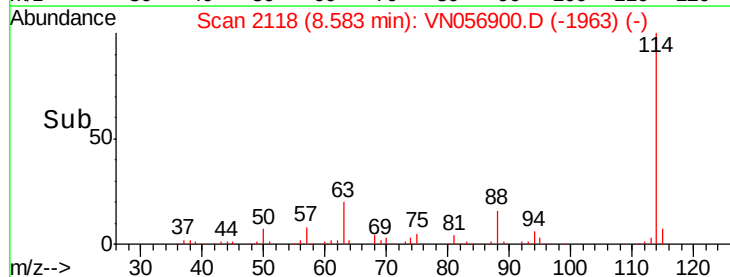
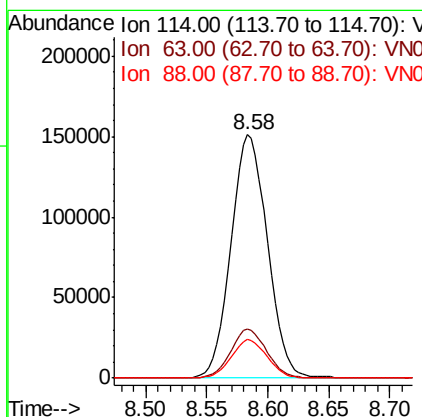
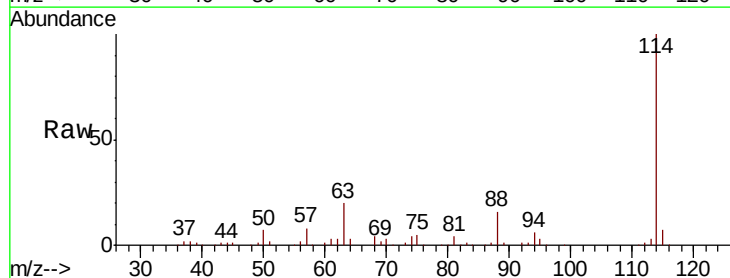
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

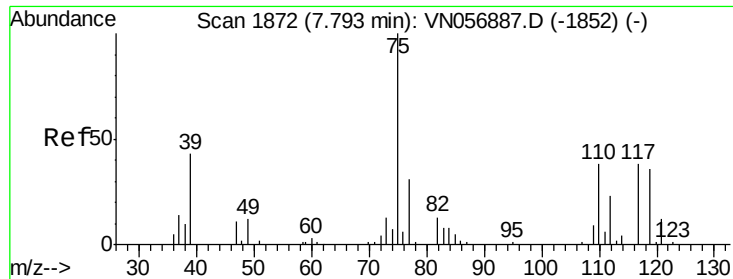
Tot Ion: 65 Resp: 115734
 Ion Ratio Lower Upper
 65 100
 67 54.9 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 114 Resp: 313841
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.8 23.6
 88 15.6 12.5 18.7

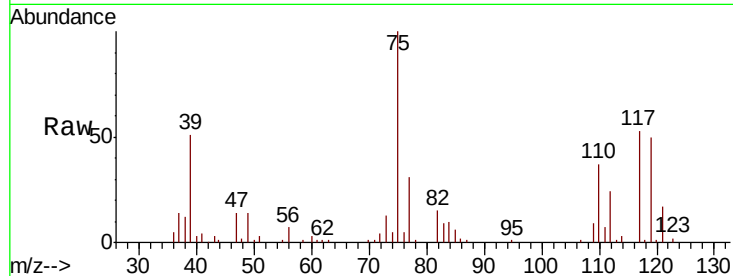




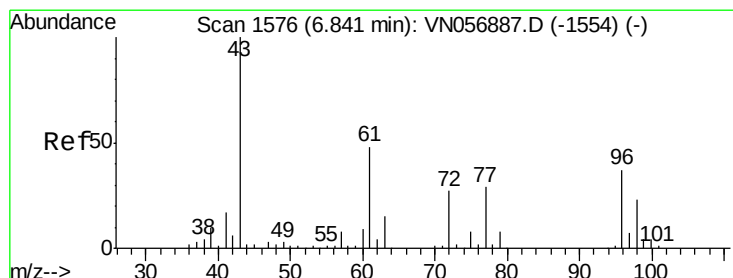
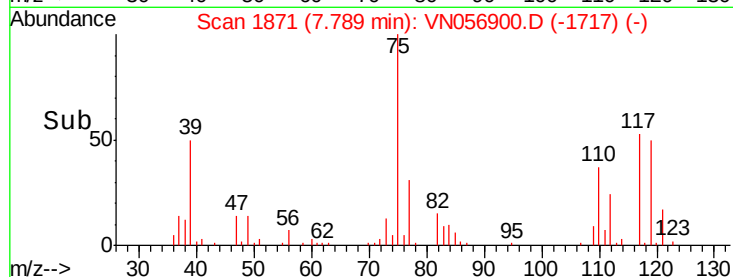
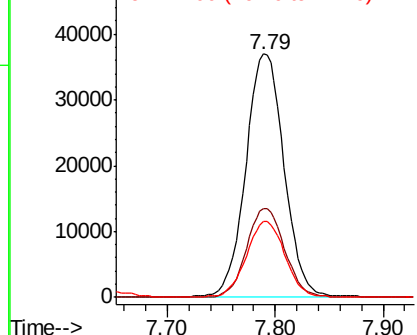
#29
 1,1-Dichloropropene
 Concen: 20.507 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 75 Resp: 91334
 Ion Ratio Lower Upper
 75 100
 110 36.1 0.0 75.8
 77 31.3 0.0 64.0

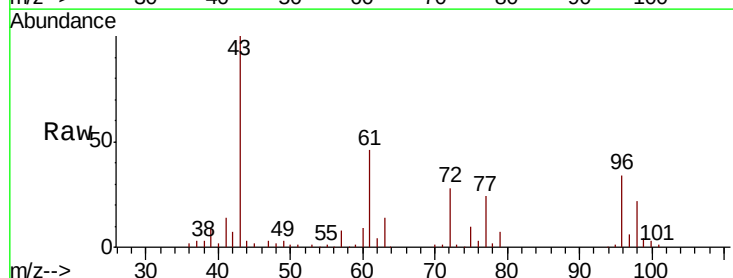


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN0

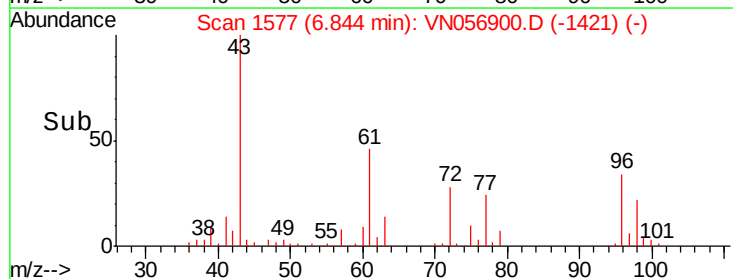
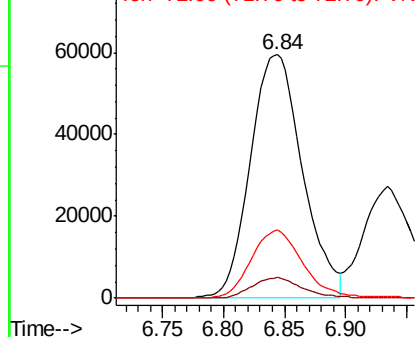


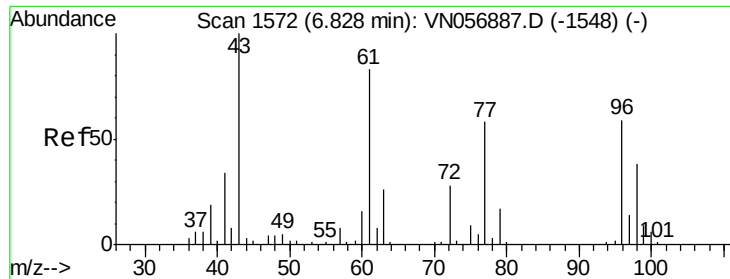
#30
 2-Butanone
 Concen: 97.863 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 175109
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.5 9.7
 72 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

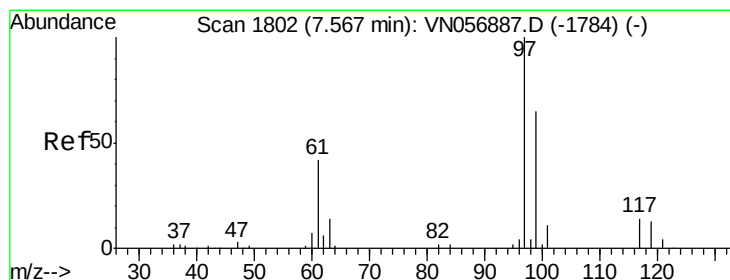
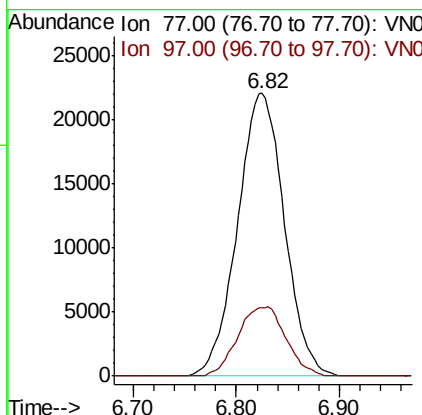
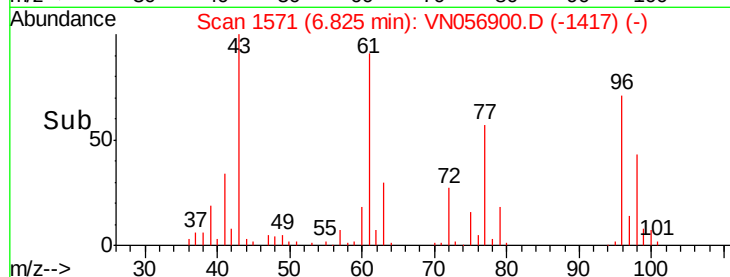
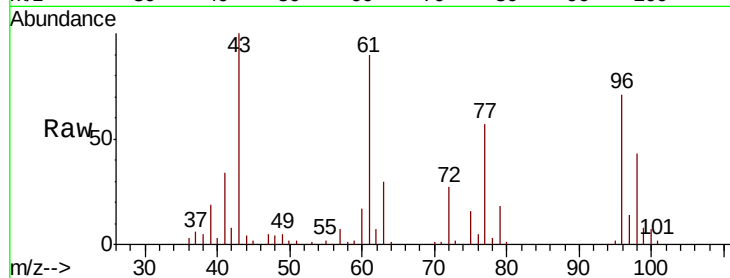




#31
 2,2-Dichloropropane
 Concen: 16.870 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

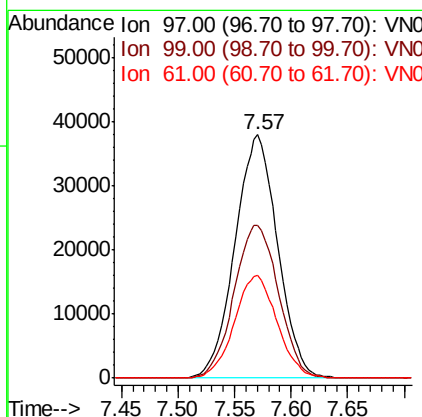
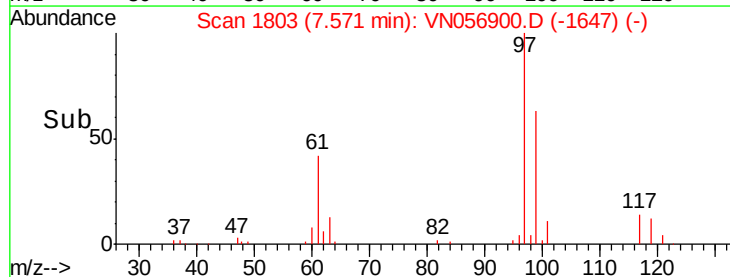
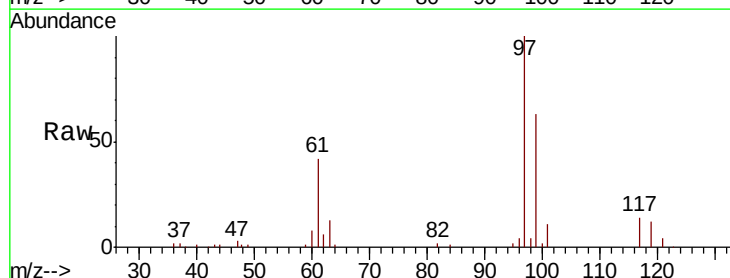
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

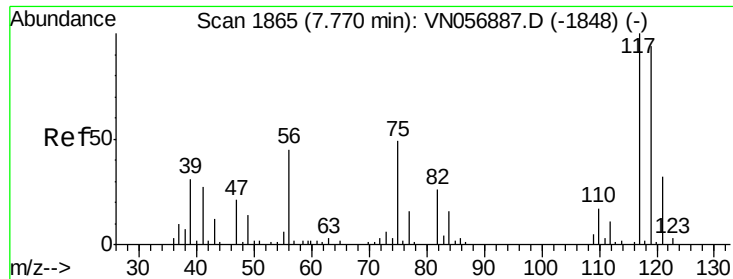
Tot Ion: 77 Resp: 69724
 Ion Ratio Lower Upper
 77 100
 97 25.1 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 20.359 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 97 Resp: 99629
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.3 78.5
 61 42.4 34.4 51.6

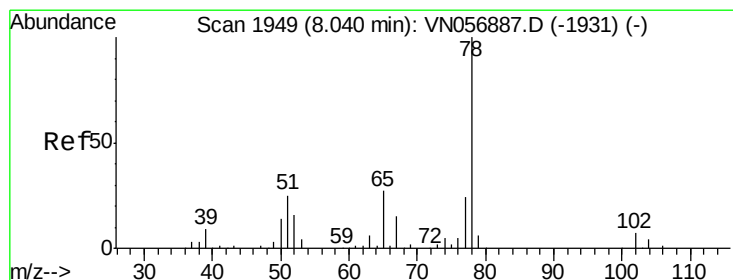
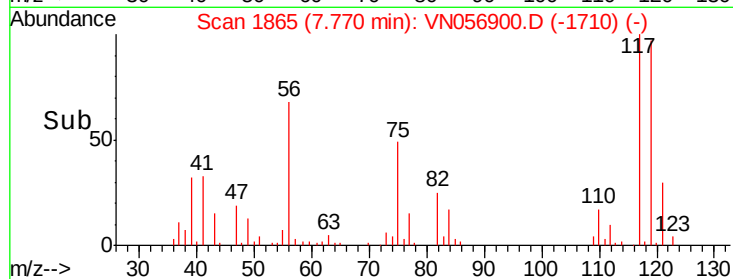
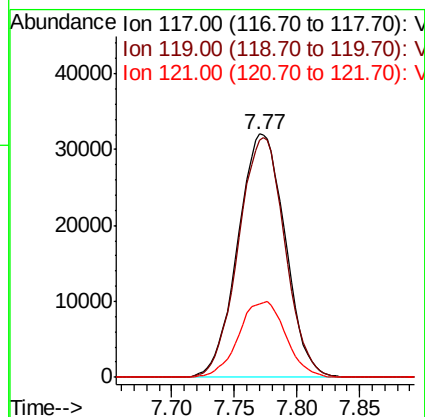
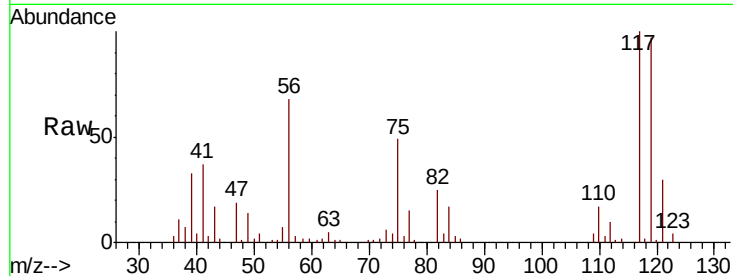




#33
Carbon Tetrachloride
Concen: 19.639 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

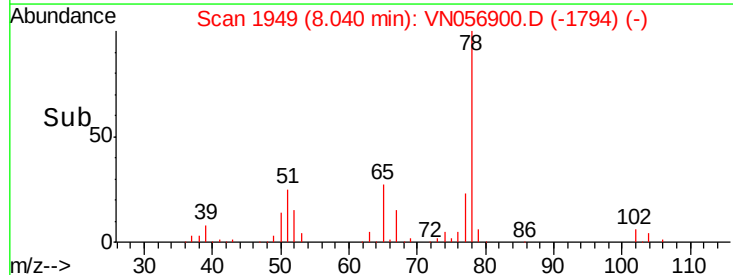
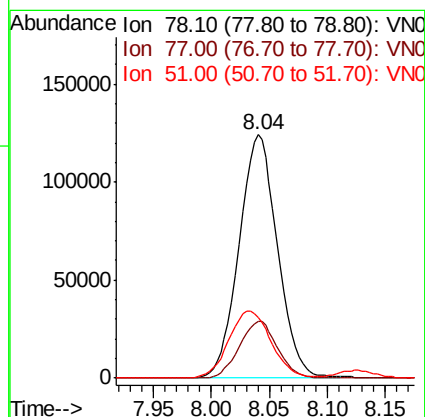
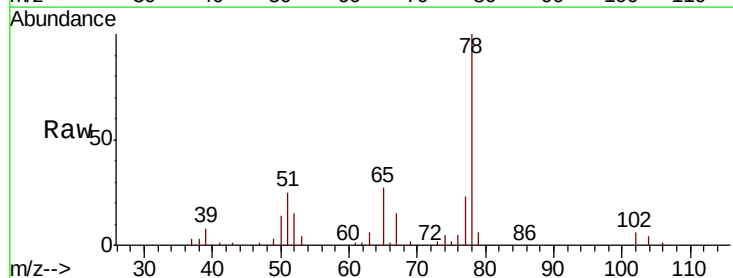
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

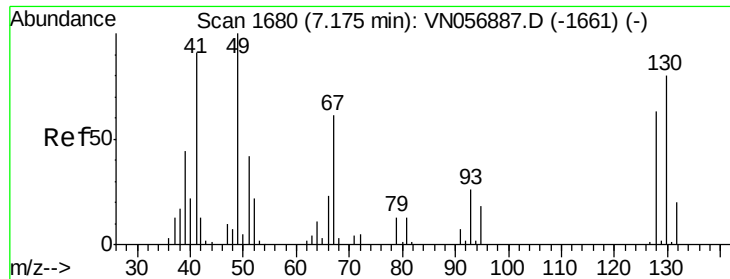
Tot Ion:117 Resp: 83880
Ion Ratio Lower Upper
117 100
119 97.2 75.1 112.7
121 29.9 25.8 38.8



#34
Benzene
Concen: 20.367 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 78 Resp: 285818
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2
51 24.6 20.4 30.6

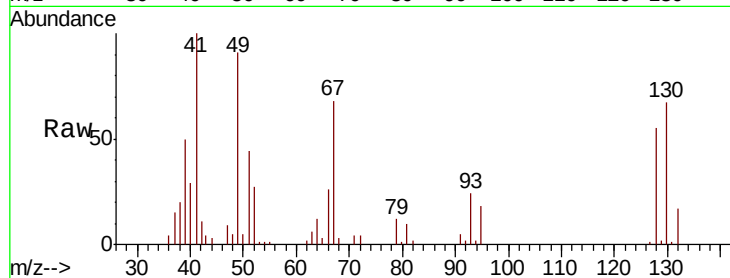




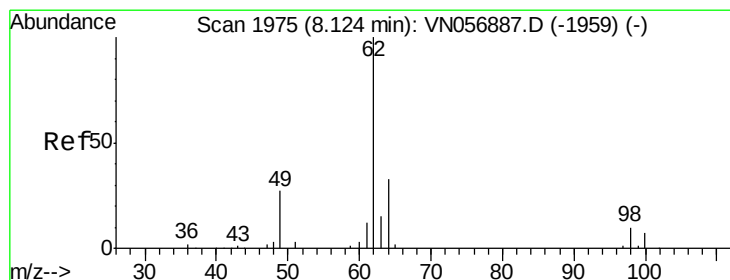
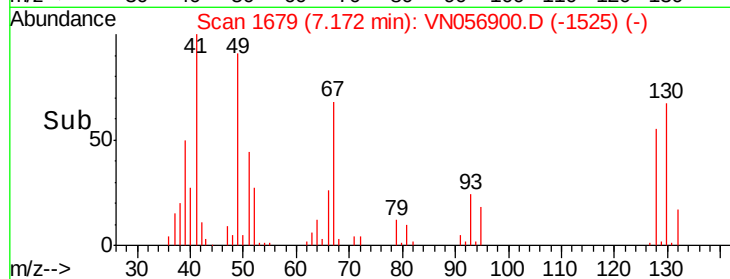
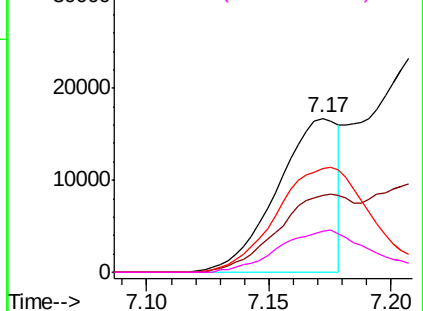
#35
Methacrylonitrile
Concen: 16.266 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	29066
Ion	Ratio	Lower	Upper
41	100		
39	49.8	24.4	73.2
67	67.6	33.4	100.1
52	26.7	12.1	36.3

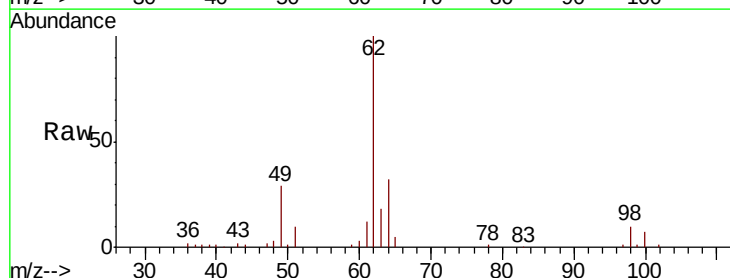


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

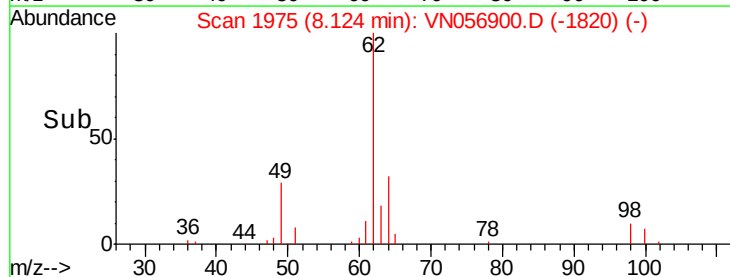
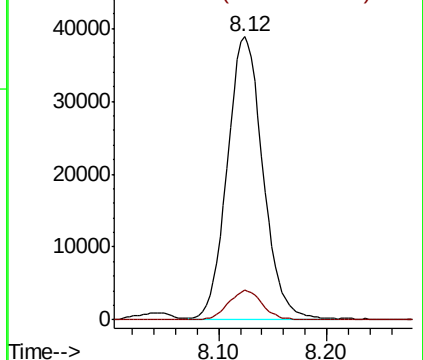


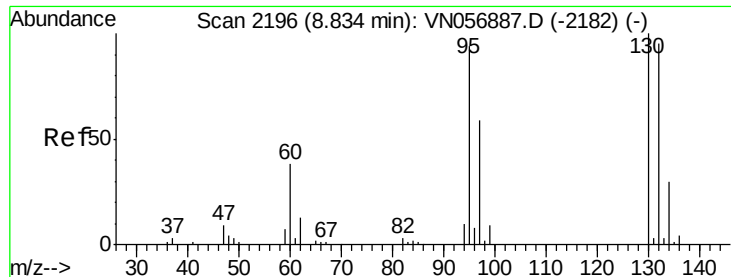
#36
1,2-Dichloroethane
Concen: 20.654 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion:	62	Resp:	90105
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.7	11.5



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.093 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

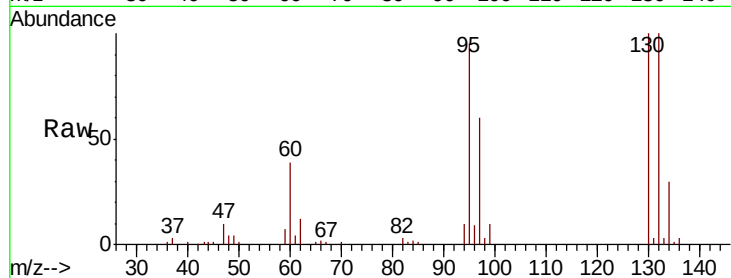
VSTDCCC020EC

Tot Ion:130 Resp: 75595

Ion Ratio Lower Upper

130 100

95 95.0 74.9 112.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.83

40000

30000

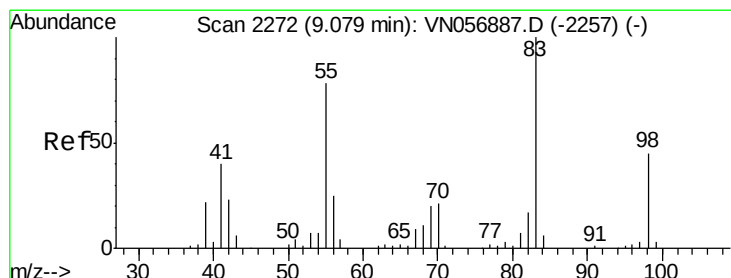
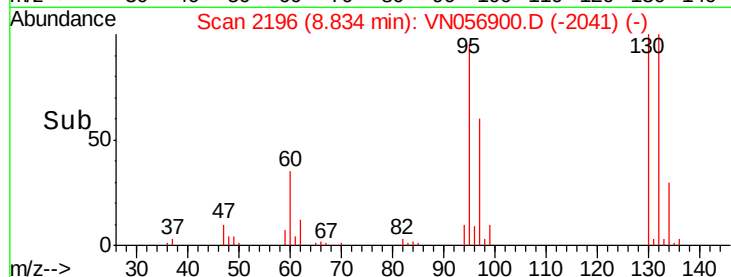
20000

10000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#38

Methylcyclohexane

Concen: 19.485 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

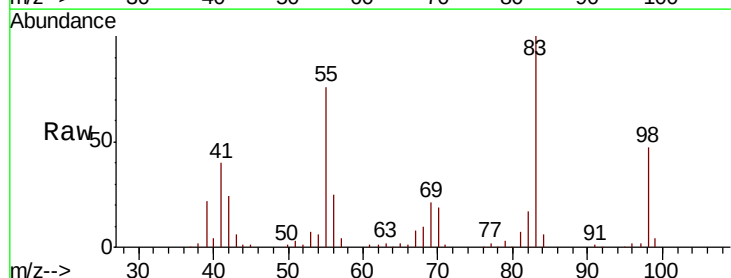
Tgt Ion: 83 Resp: 110393

Ion Ratio Lower Upper

83 100

55 75.4 38.4 115.1

98 46.6 22.7 68.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.08

60000

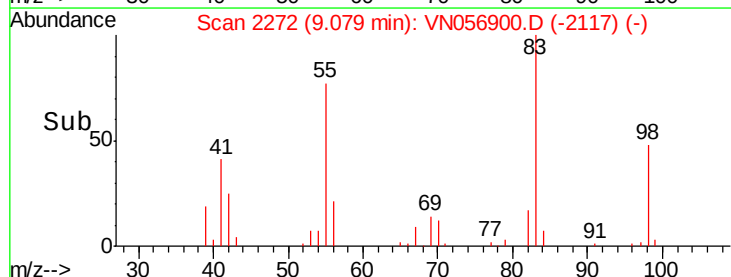
40000

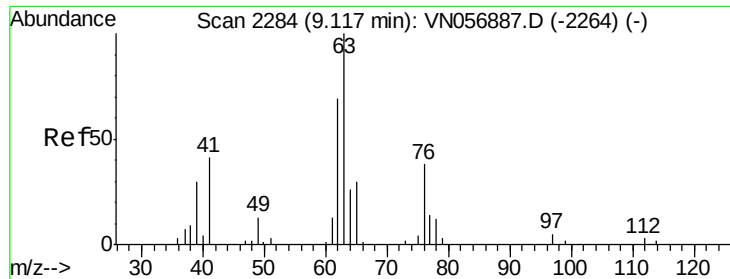
20000

0

9.00 9.05 9.10 9.15

Time-->

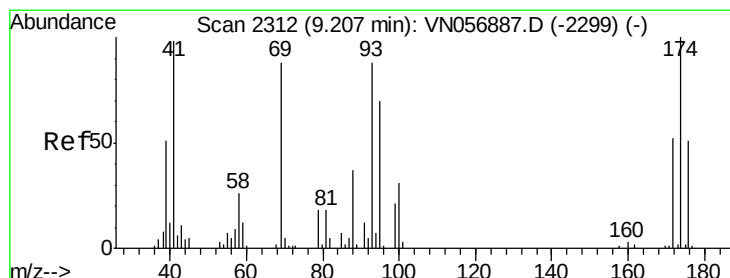
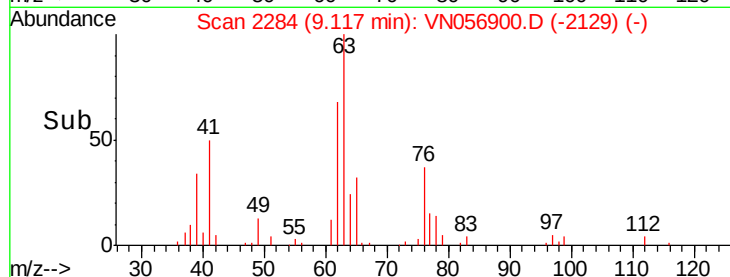
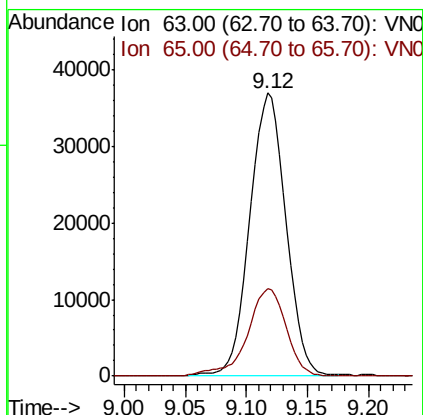
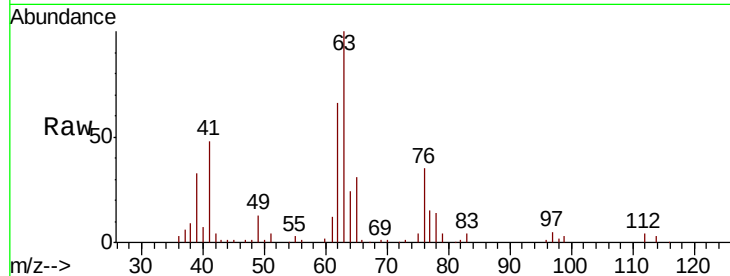




#39
 1,2-Dichloropropane
 Concen: 20.219 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

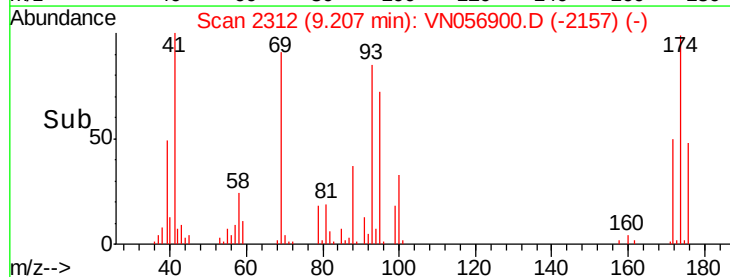
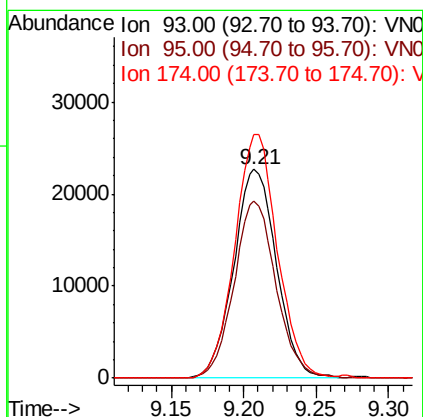
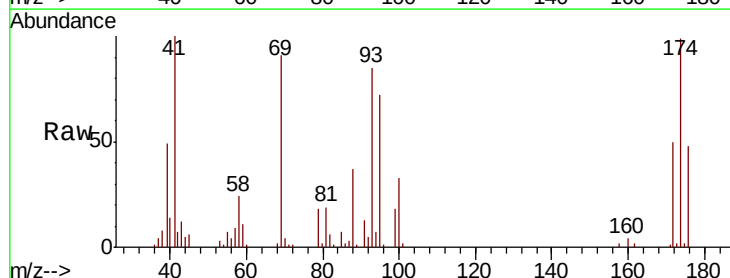
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

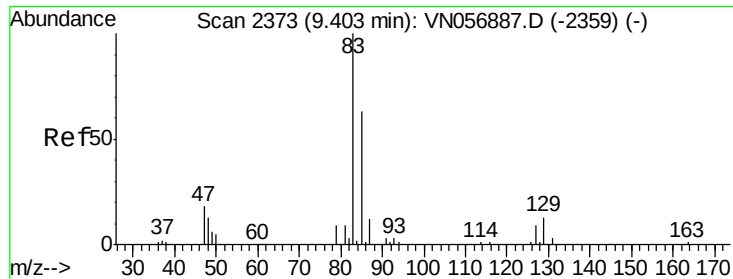
Tot Ion: 63 Resp: 75738
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#40
 Dibromomethane
 Concen: 20.237 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 93 Resp: 46502
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 165.8
 174 116.2 0.0 232.4





#41

Bromodichloromethane

Concen: 19.744 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

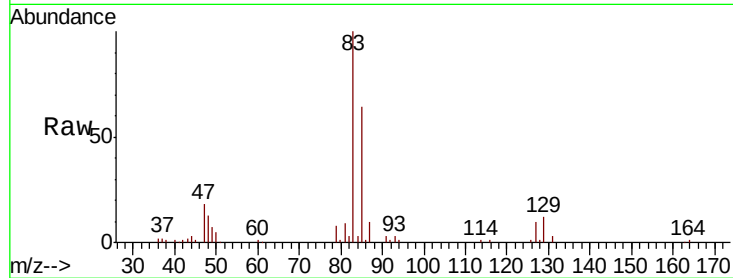
Tot Ion: 83 Resp: 87183

Ion Ratio Lower Upper

83 100

85 63.7 50.6 75.8

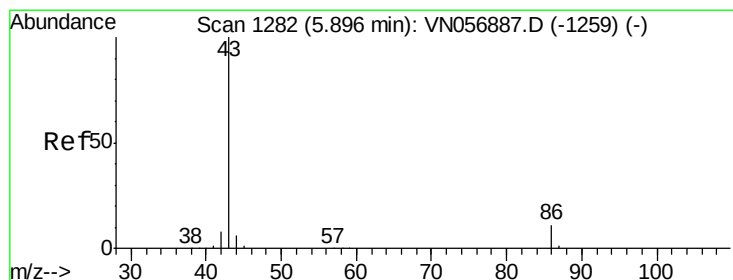
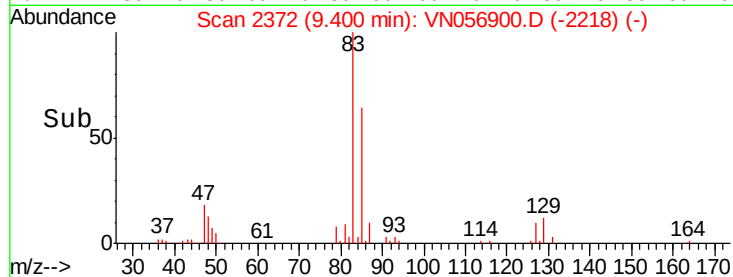
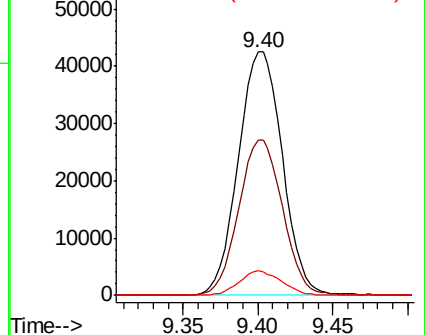
127 9.9 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN056900.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN056900.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN056900.D (-2218) (-)



#42

Vinyl Acetate

Concen: 98.555 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056900.D

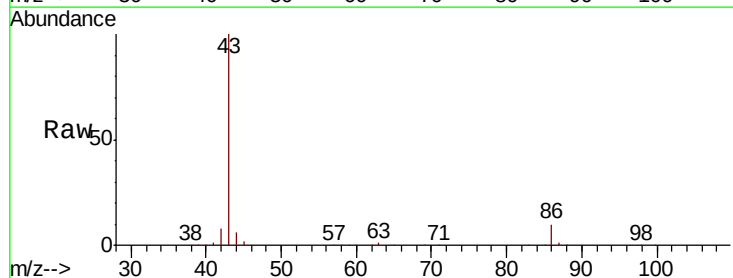
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 785332

Ion Ratio Lower Upper

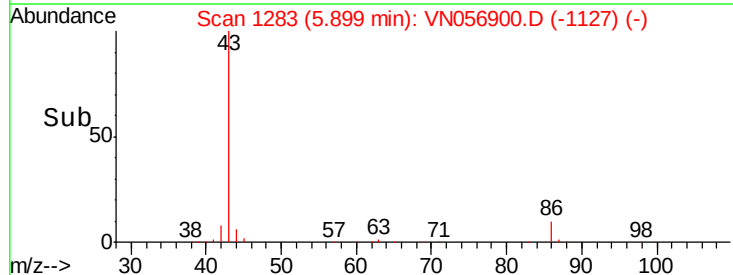
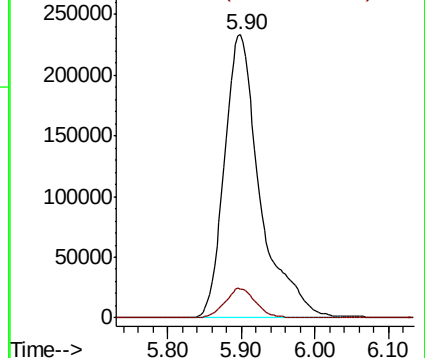
43 100

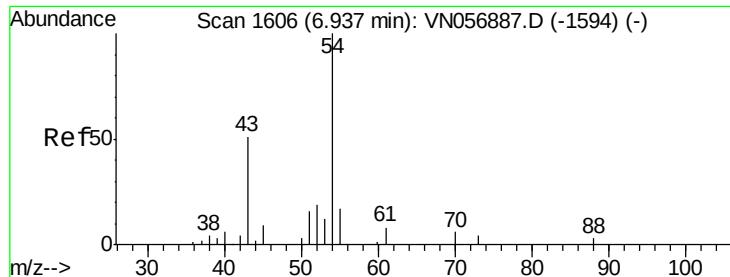
86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN056900.D (-1127) (-)

Ion 86.00 (85.70 to 86.70): VN056900.D (-1127) (-)





#43

Ethyl Acetate

Concen: 20.107 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

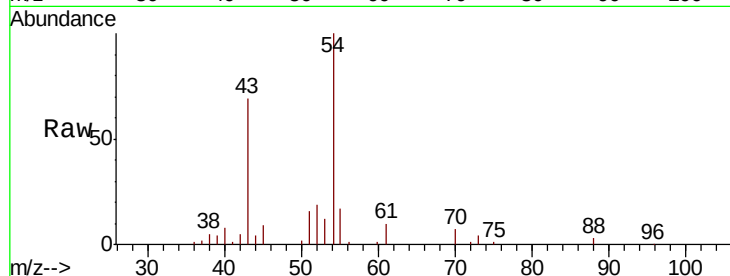
VSTDCCC020EC

Tot Ion: 43 Resp: 73757

Ion Ratio Lower Upper

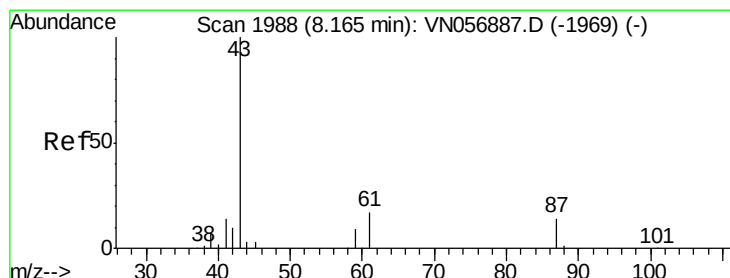
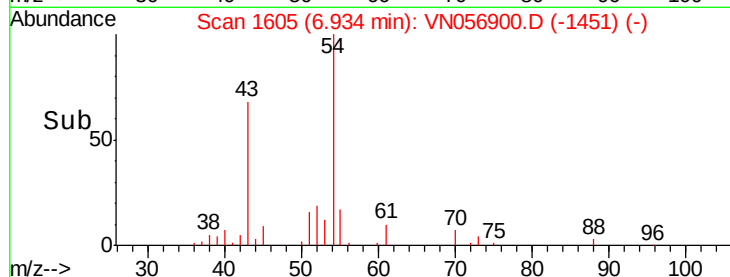
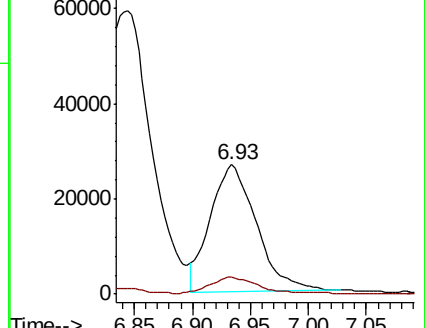
43 100

45 12.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 19.623 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056900.D

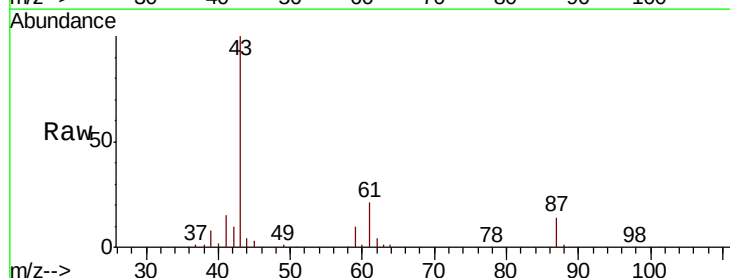
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 119984

Ion Ratio Lower Upper

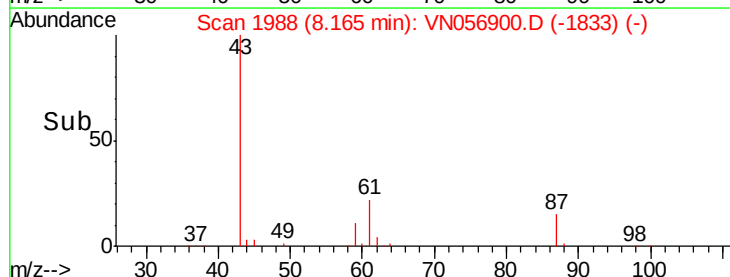
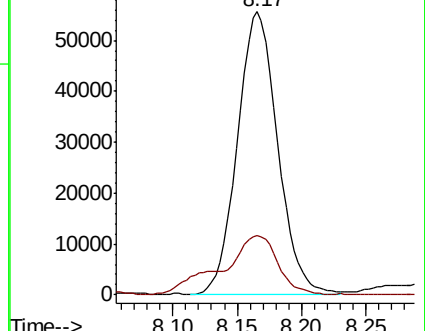
43 100

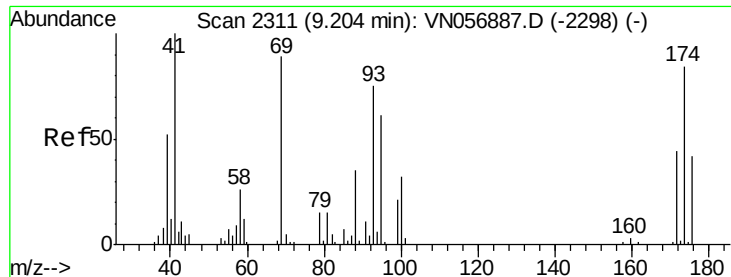
61 21.5 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

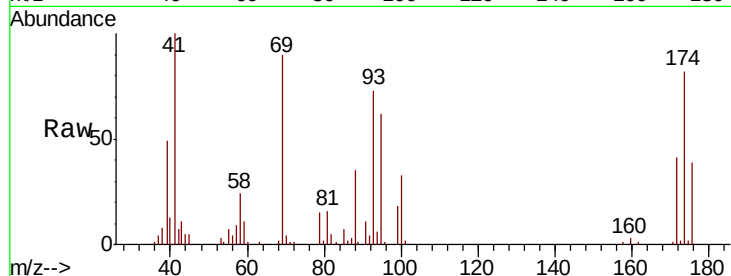




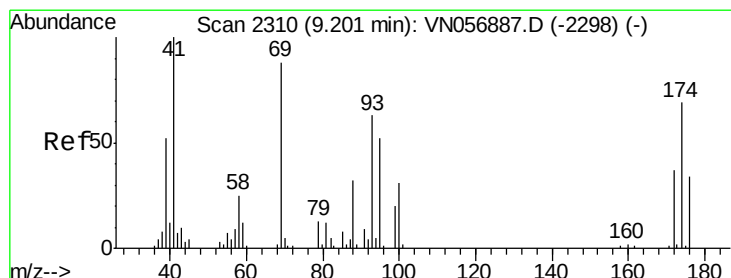
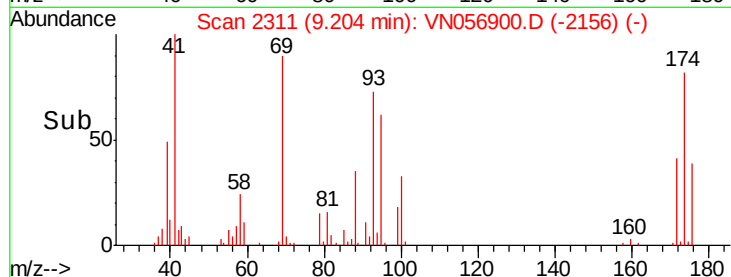
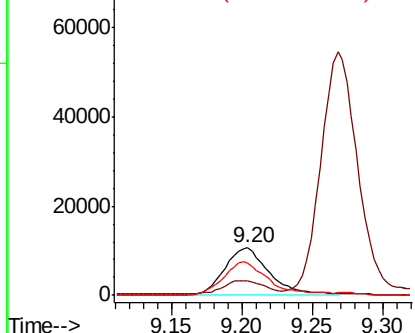
#45
 1,4-Dioxane
 Concen: 407.068 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 23695
 Ion Ratio Lower Upper
 88 100
 43 27.1 23.4 35.0
 58 71.2 58.5 87.7

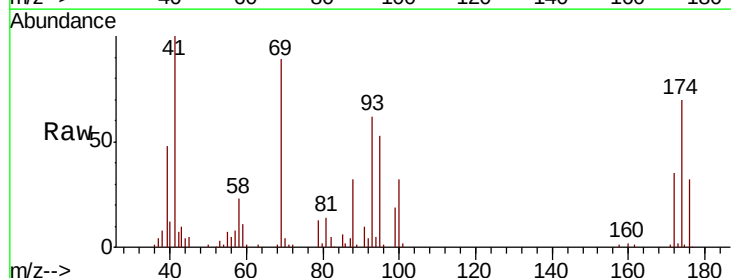


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

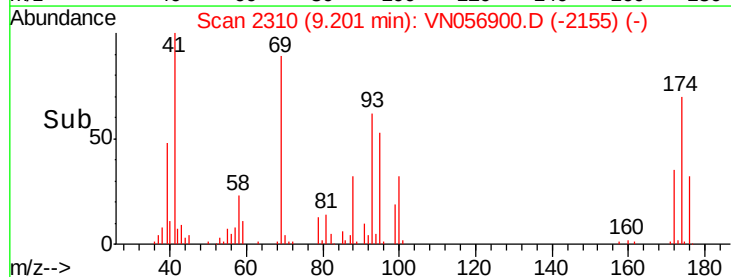
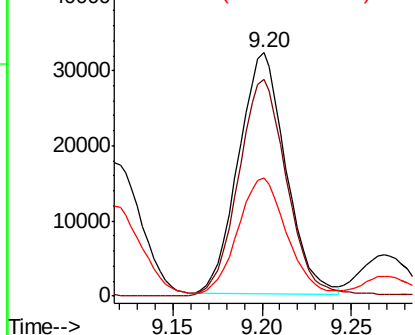


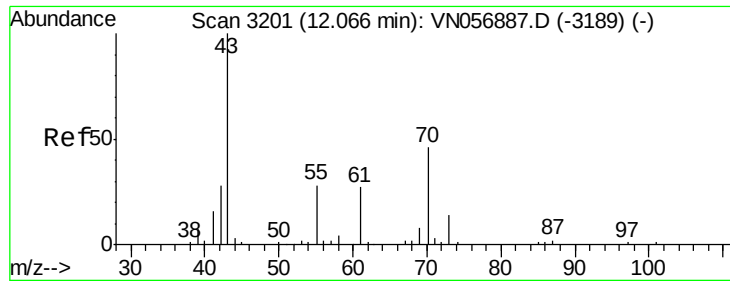
#46
 Methyl methacrylate
 Concen: 19.502 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 41 Resp: 59487
 Ion Ratio Lower Upper
 41 100
 69 89.9 44.0 132.0
 39 47.6 25.8 77.4



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





#47

n-amvl Acetate

Concen: 18.815 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

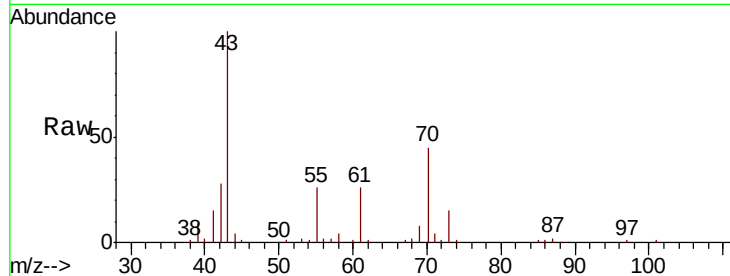
VSTDCCC020EC

Tot Ion: 43 Resp: 92095

Ion Ratio Lower Upper

43 100

55 26.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

60000

50000

40000

30000

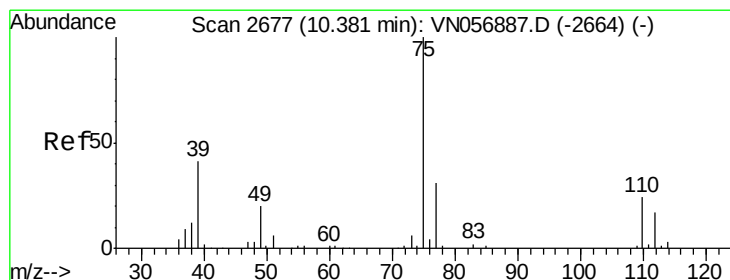
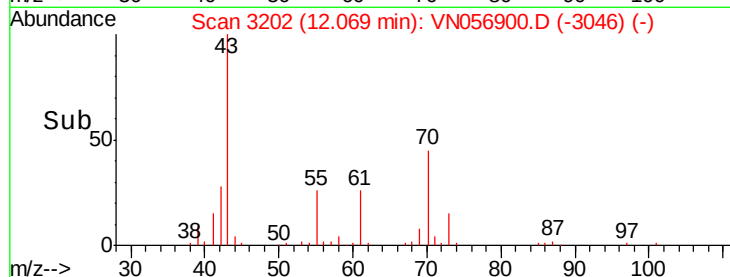
20000

10000

0

Time-->

12.00 12.05 12.10 12.15



#48

t-1,3-Dichloropropene

Concen: 18.606 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056900.D

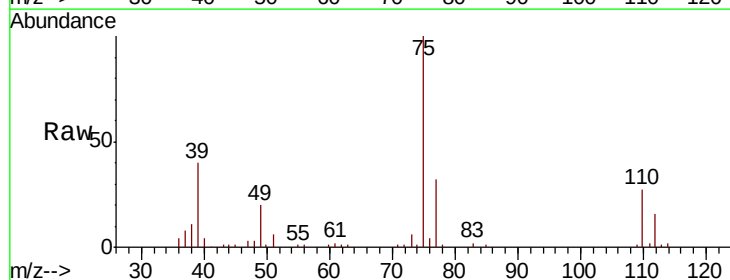
Acq: 24 Jul 2019 1:55

Tgt Ion: 75 Resp: 85493

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

50000

40000

30000

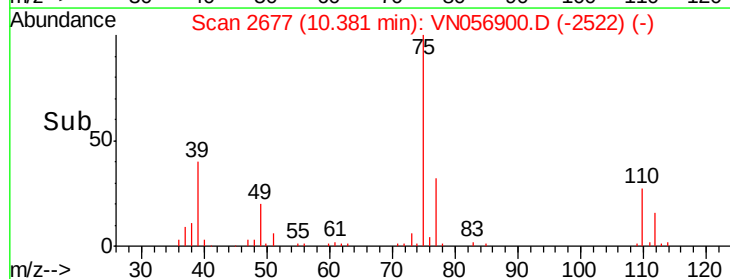
20000

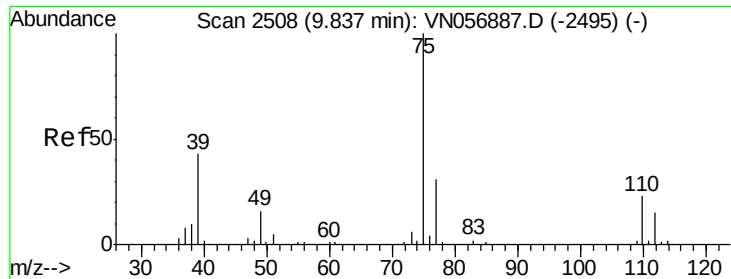
10000

0

Time-->

10.30 10.35 10.40 10.45

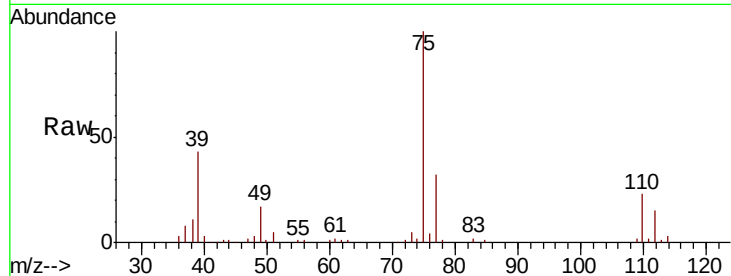




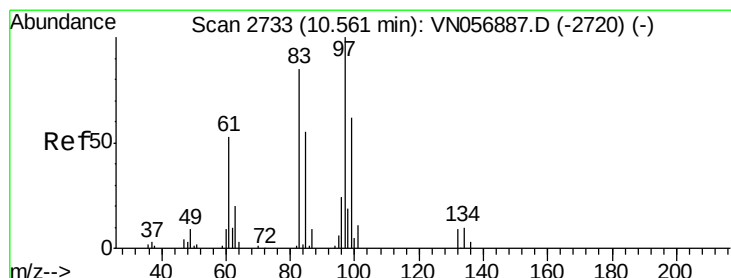
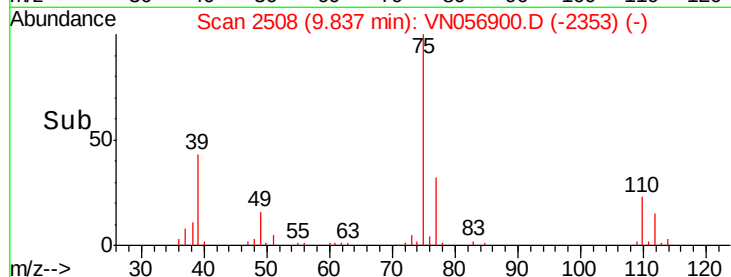
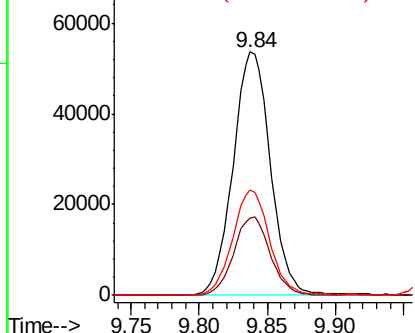
#49
 cis-1,3-Dichloropropene
 Concen: 19.035 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 75 Resp: 101923
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 43.1 34.2 51.4

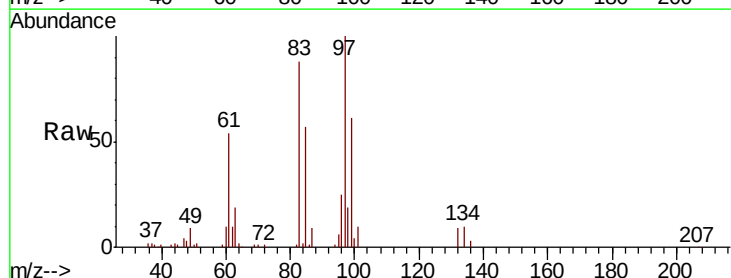


Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

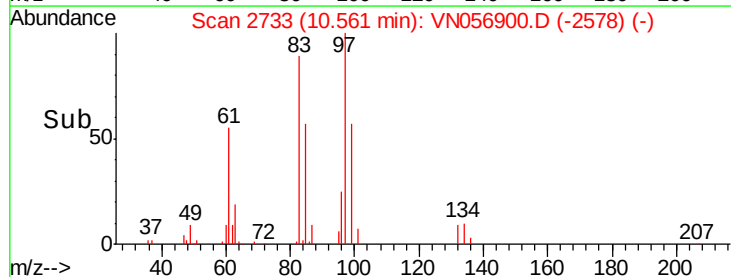
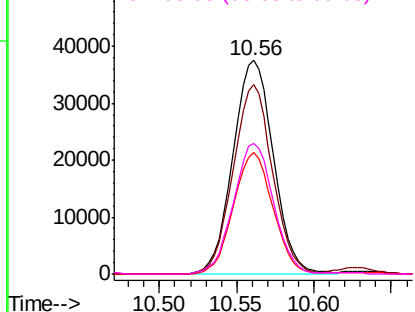


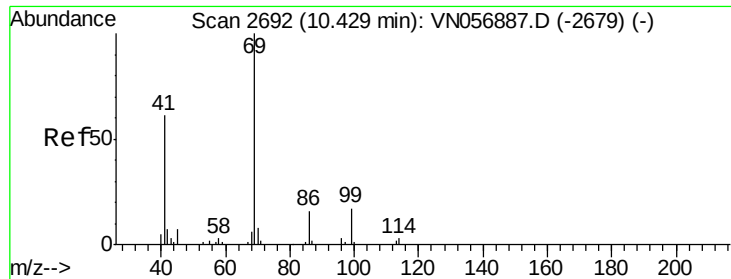
#50
 1,1,2-Trichloroethane
 Concen: 20.673 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 97 Resp: 68204
 Ion Ratio Lower Upper
 97 100
 83 88.5 68.4 102.6
 85 56.8 44.3 66.5
 99 61.2 49.4 74.2



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 19.254 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

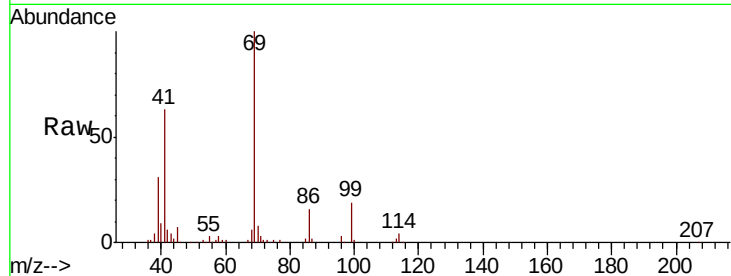
Tot Ion: 69 Resp: 91882

Ion Ratio Lower Upper

69 100

41 62.7 30.4 91.3

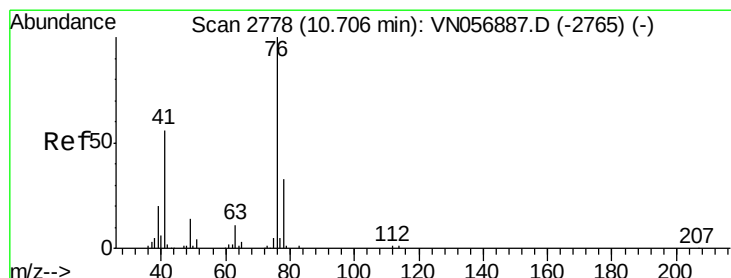
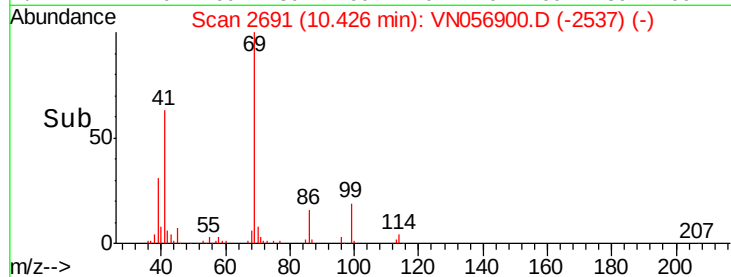
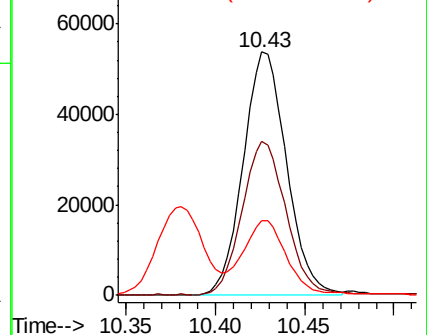
39 29.8 14.2 42.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.069 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056900.D

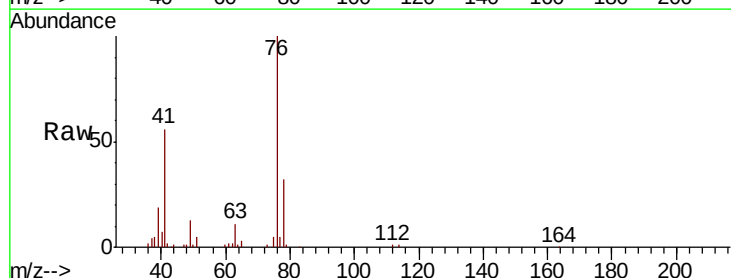
Acq: 24 Jul 2019 1:55

Tgt Ion: 76 Resp: 111743

Ion Ratio Lower Upper

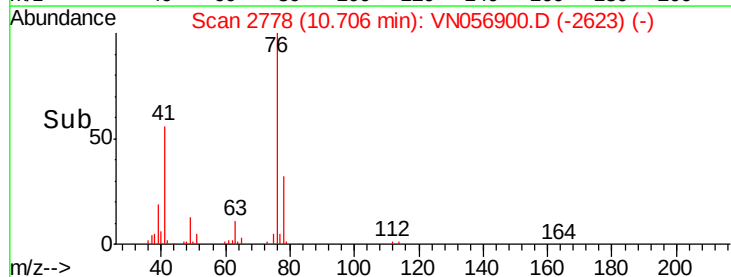
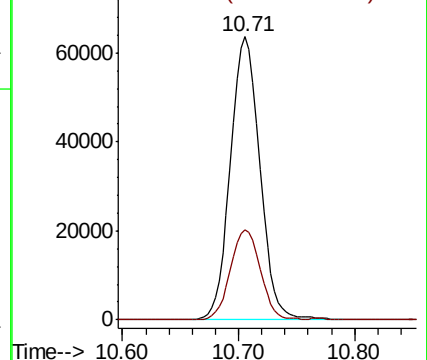
76 100

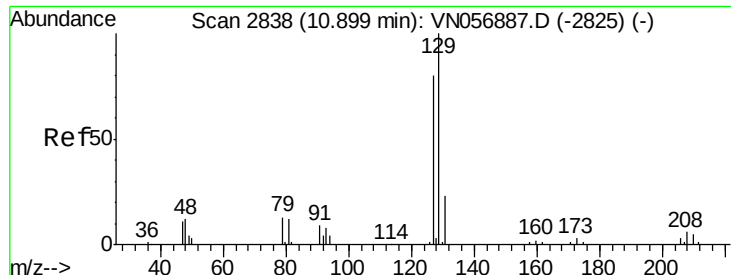
78 32.4 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

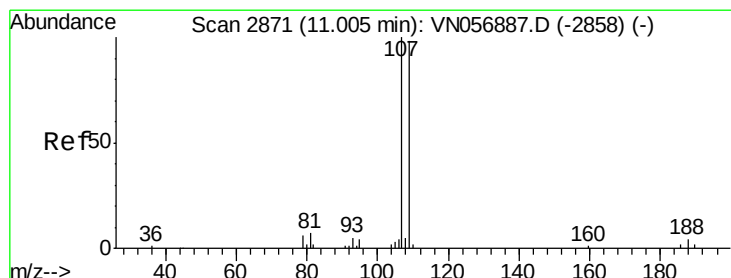
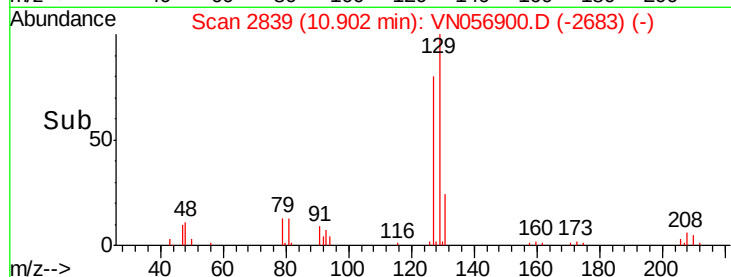
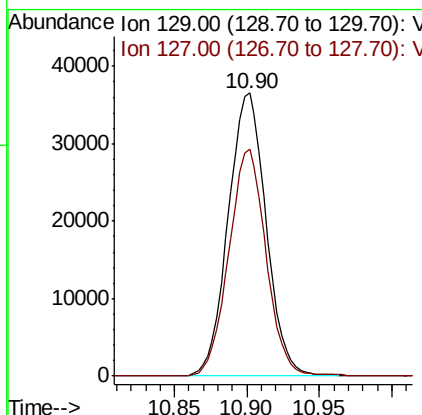
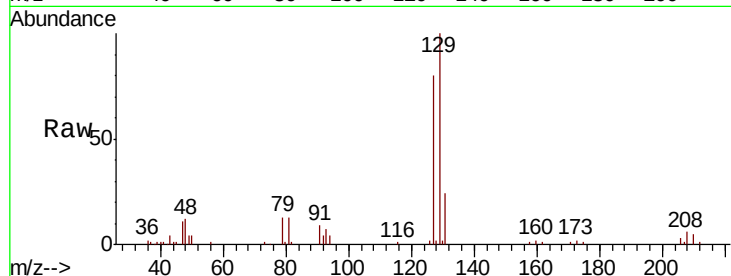




#53
 Dibromochloromethane
 Concen: 19.330 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

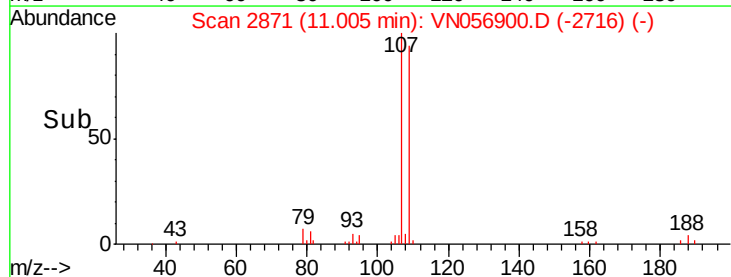
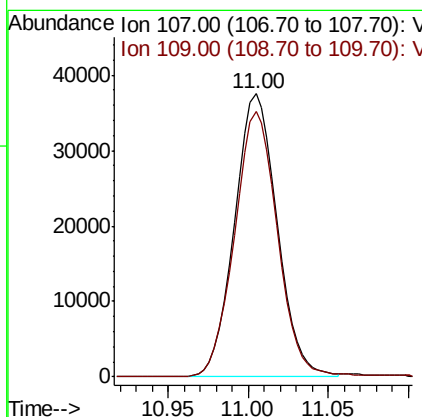
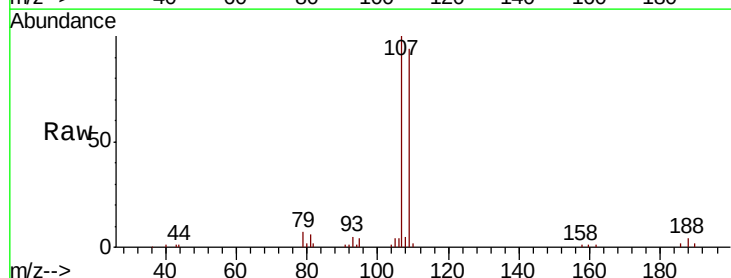
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

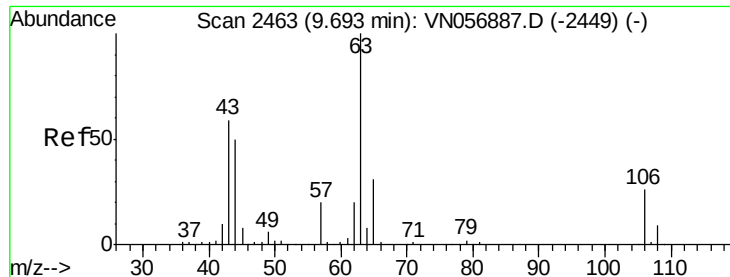
Tot Ion:129 Resp: 66291
 Ion Ratio Lower Upper
 129 100
 127 78.6 38.8 116.4



#54
 1,2-Dibromoethane
 Concen: 20.238 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion:107 Resp: 68118
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.2 114.2

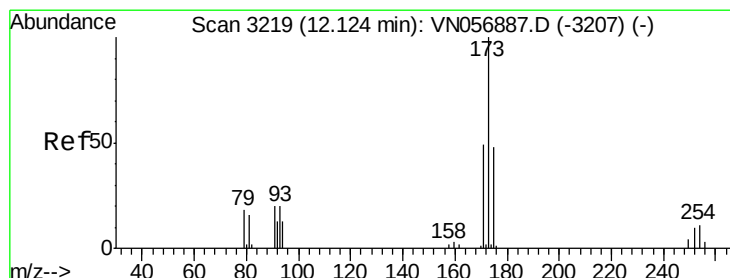
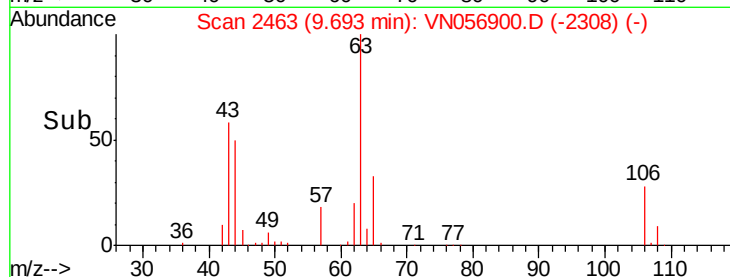
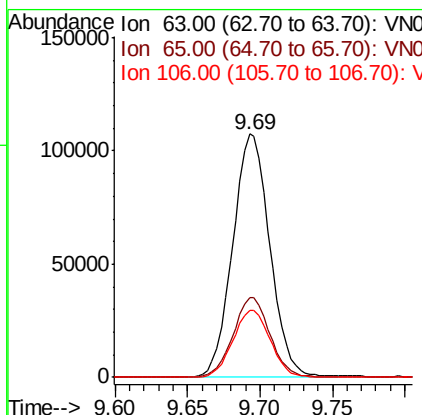
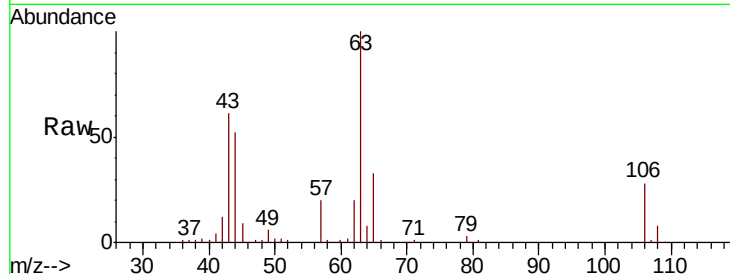




#55
2-Chloroethyl vinyl ether
Concen: 92.518 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

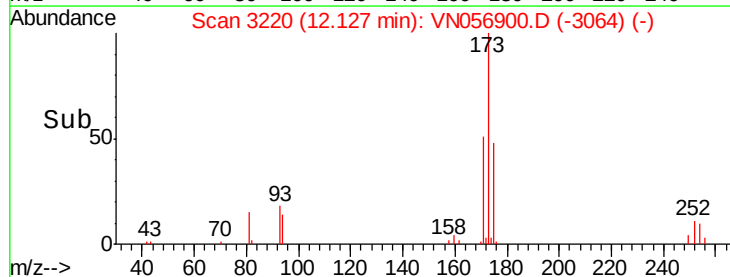
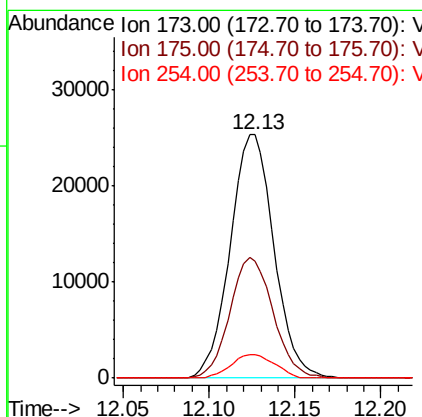
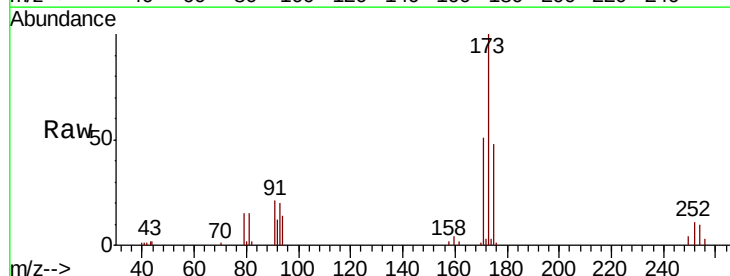
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

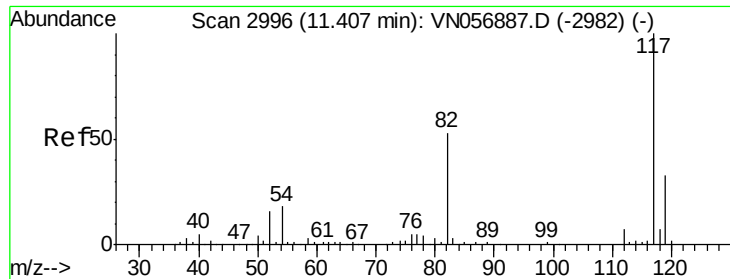
Tot Ion: 63 Resp: 191209
Ion Ratio Lower Upper
63 100
65 32.5 25.1 37.7
106 27.9 21.5 32.3



#56
Bromoform
Concen: 18.953 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 173 Resp: 44970
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 9.6 8.1 12.1

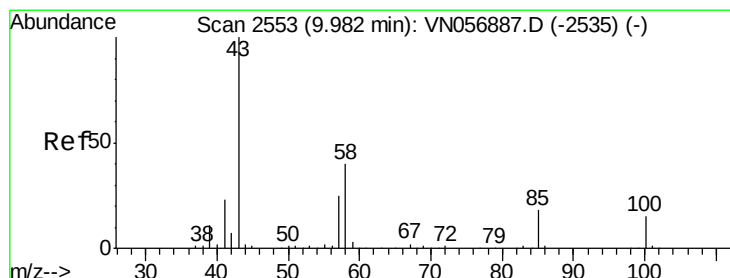
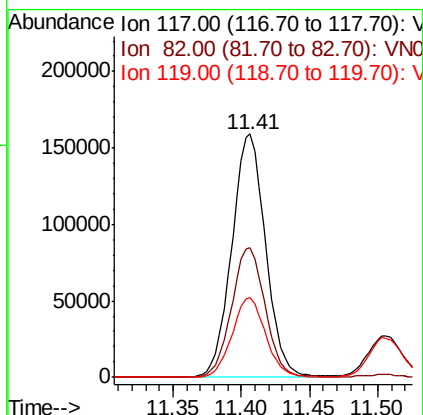
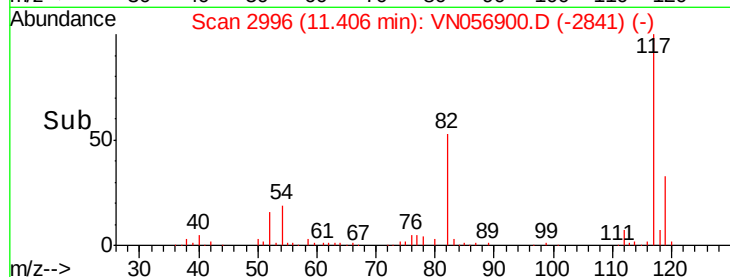
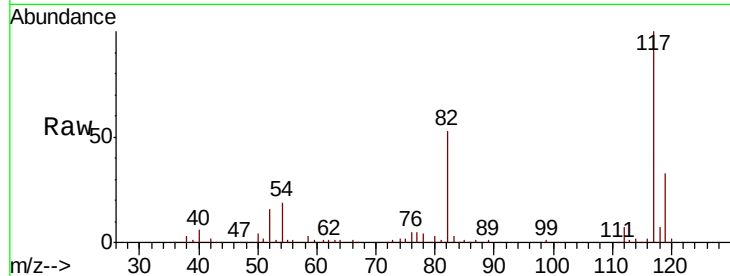




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

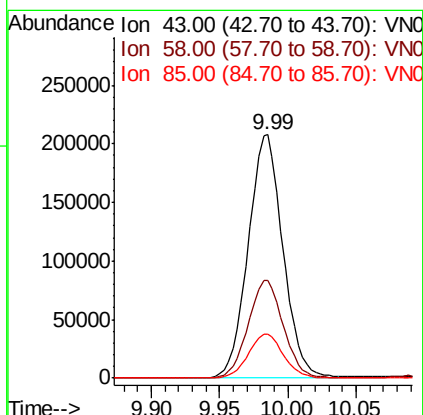
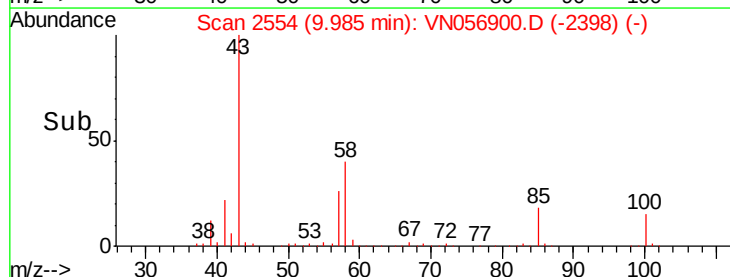
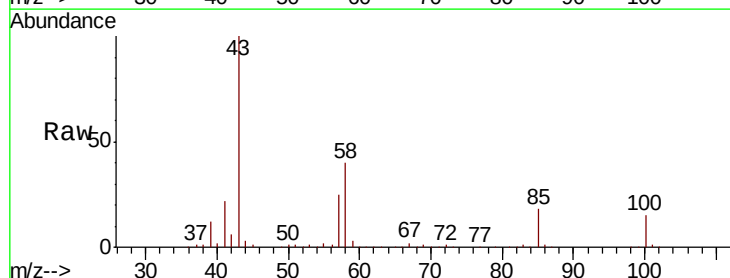
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

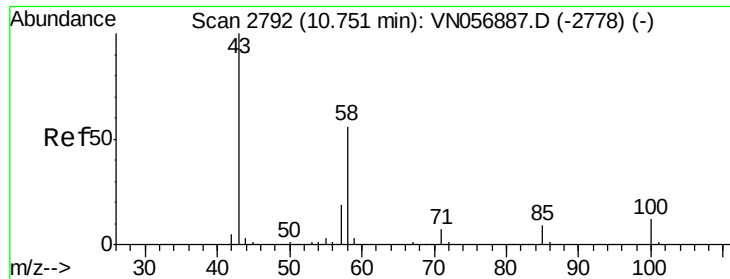
Tot Ion:117 Resp: 274517
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 99.680 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 367211
Ion Ratio Lower Upper
43 100
58 40.7 31.7 47.5
85 18.3 14.5 21.7

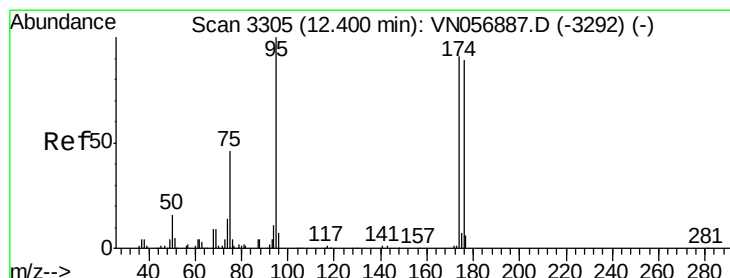
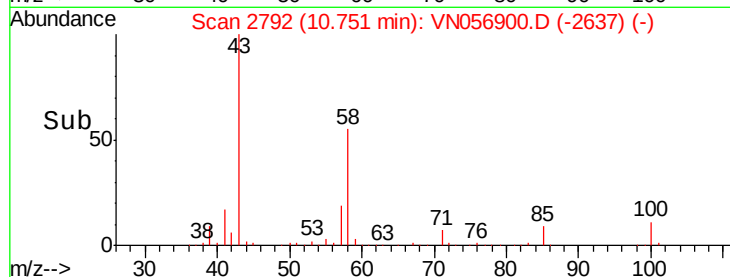
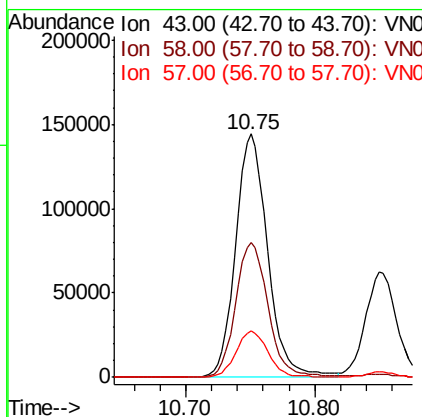
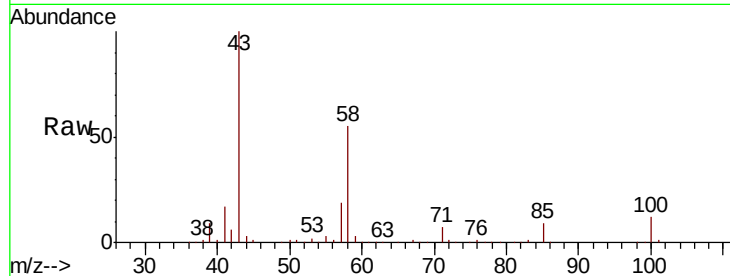




#59
2-Hexanone
Concen: 98.884 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

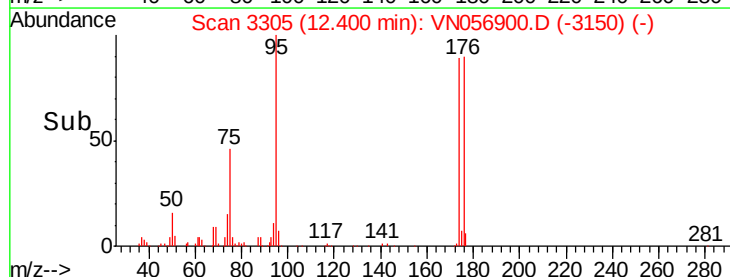
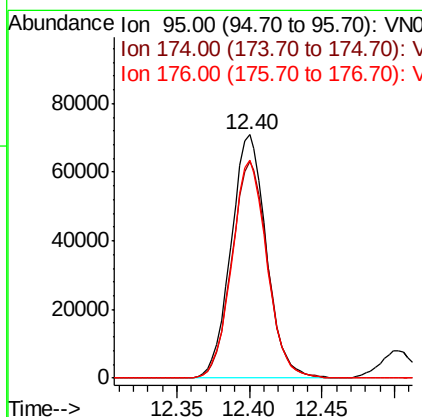
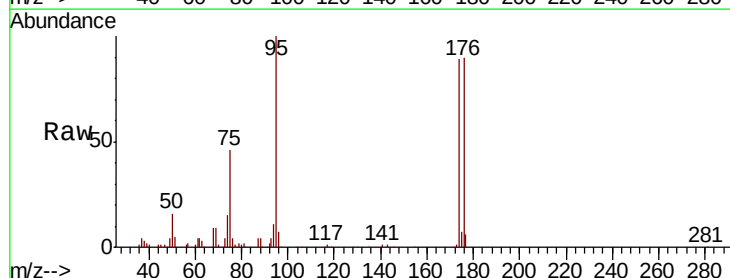
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

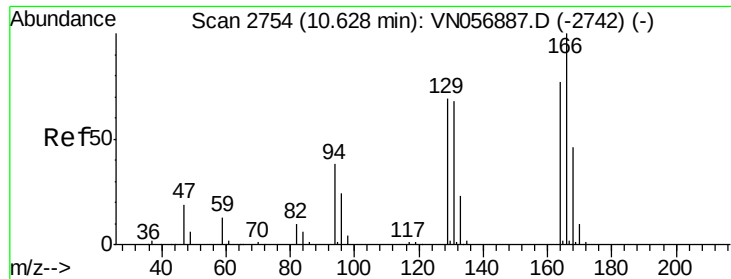
Tot Ion: 43 Resp: 248227
Ion Ratio Lower Upper
43 100
58 56.3 45.0 67.4
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.159 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 95 Resp: 119971
Ion Ratio Lower Upper
95 100
174 89.7 71.9 107.9
176 88.7 69.8 104.8

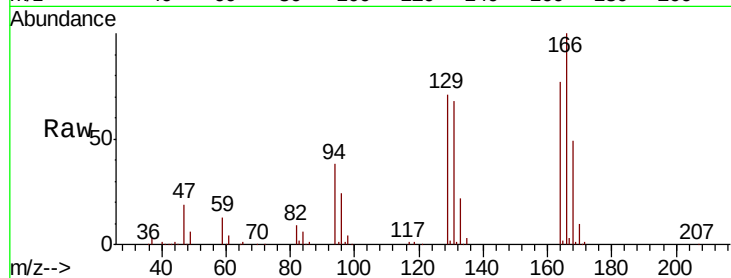




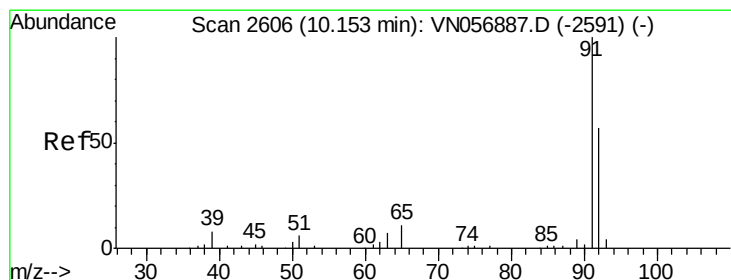
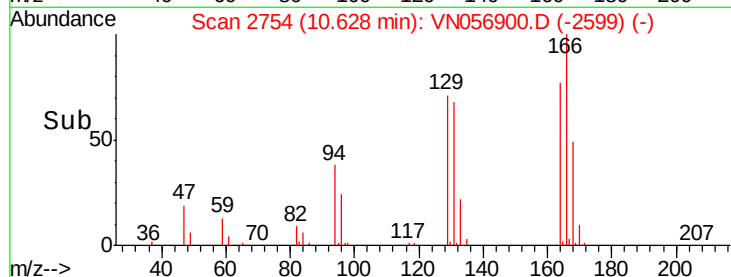
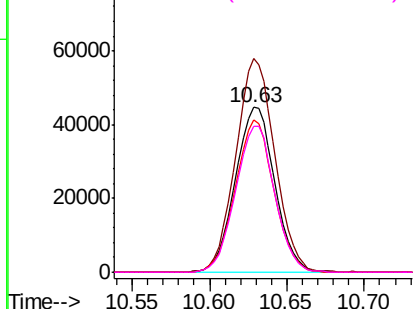
#61
Tetrachloroethene
Concen: 20.594 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:164 Resp: 79233
Ion Ratio Lower Upper
164 100
166 129.6 103.9 155.9
129 92.3 72.4 108.6
131 88.7 70.3 105.5

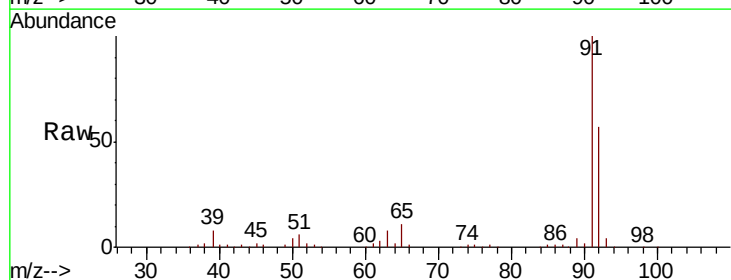


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

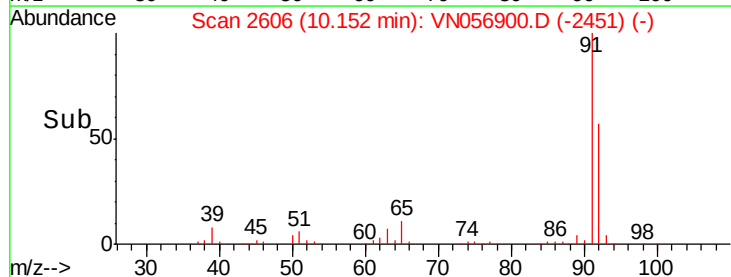
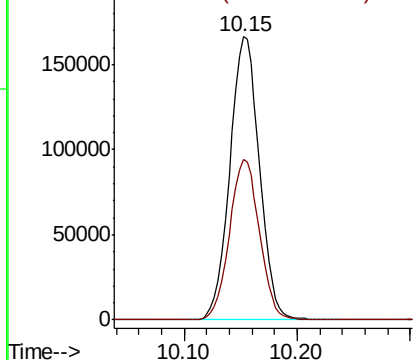


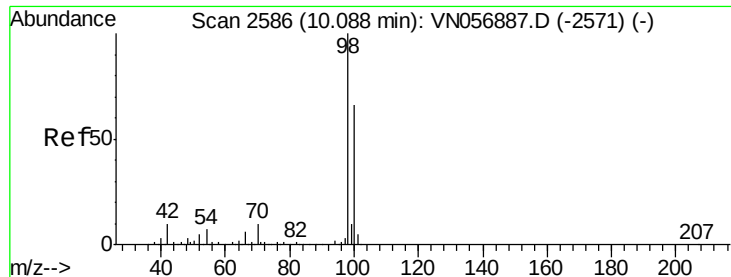
#62
Toluene
Concen: 20.294 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 302997
Ion Ratio Lower Upper
91 100
92 57.3 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.440 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

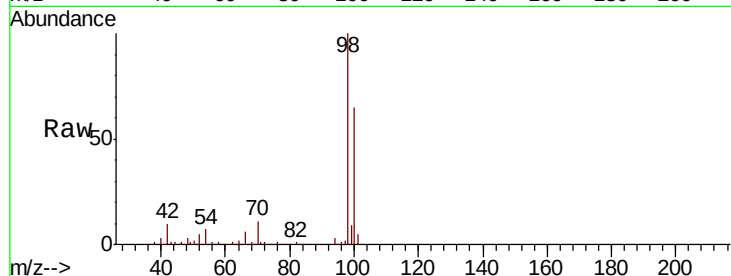
VSTDCCC020EC

Tot Ion: 98 Resp: 394737

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN056887.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN056900.D (-2431) (-)

10.09

250000

200000

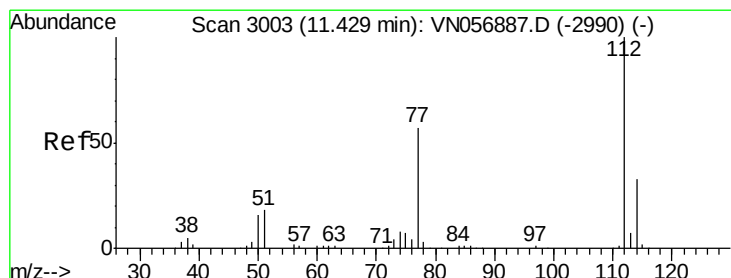
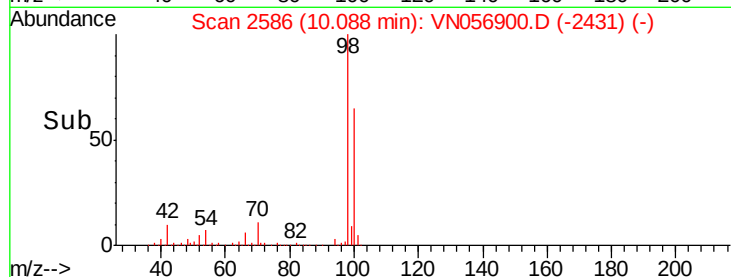
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 20.138 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056900.D

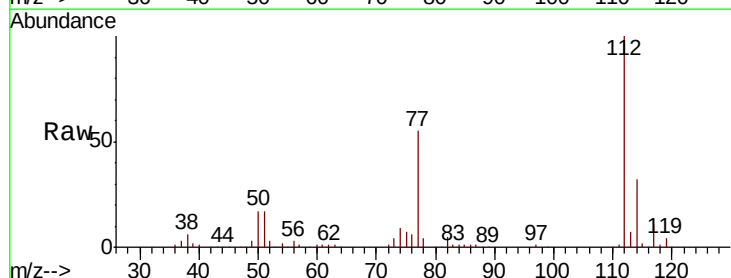
Acq: 24 Jul 2019 1:55

Tgt Ion: 112 Resp: 181104

Ion Ratio Lower Upper

112 100

114 32.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): VN056887.D (-2990) (-)

Ion 114.00 (113.70 to 114.70): VN056900.D (-2848) (-)

11.43

120000

100000

80000

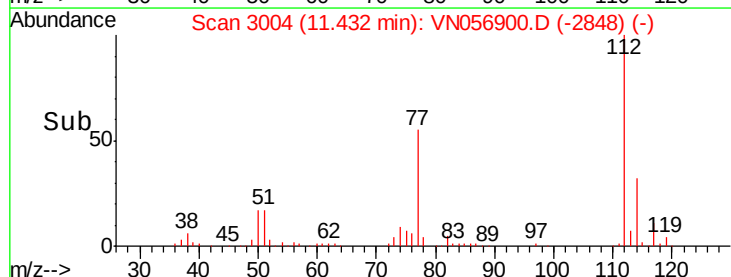
60000

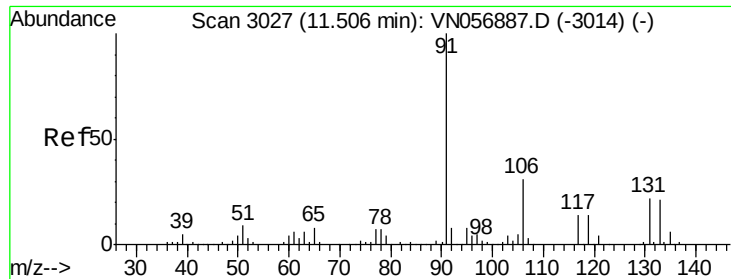
40000

20000

0

Time-->

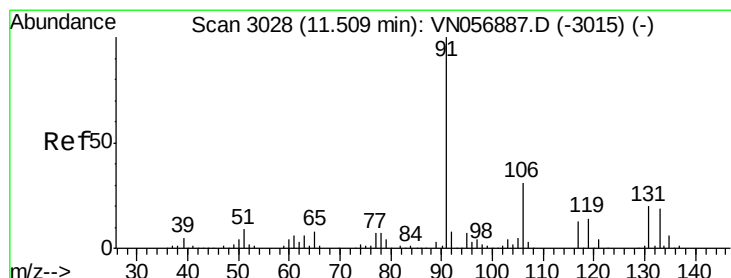
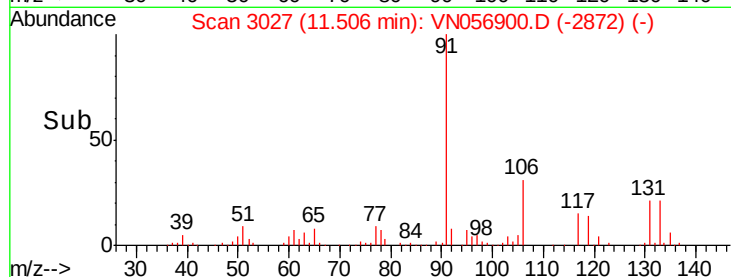
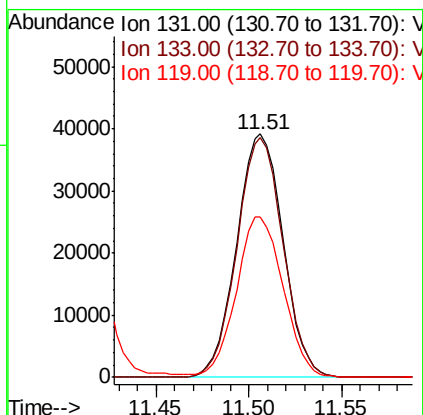
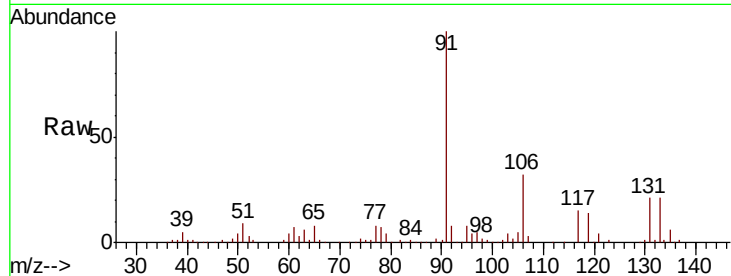




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.960 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

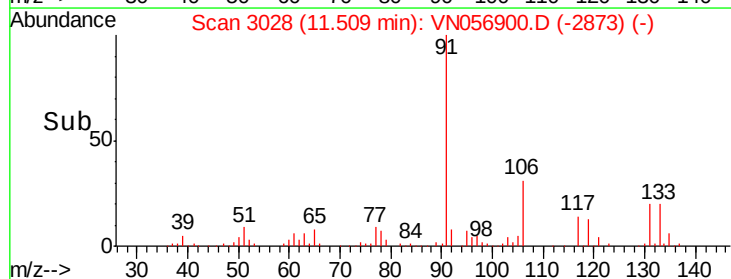
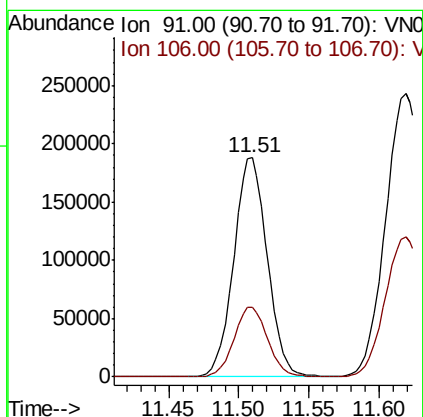
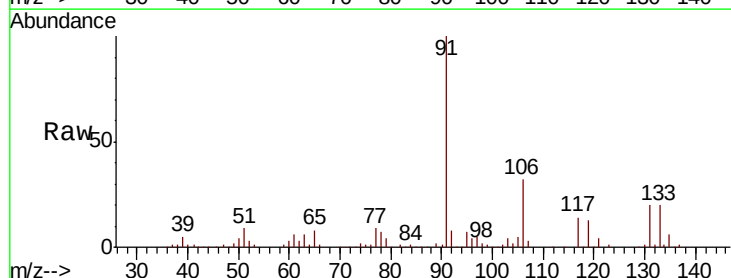
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

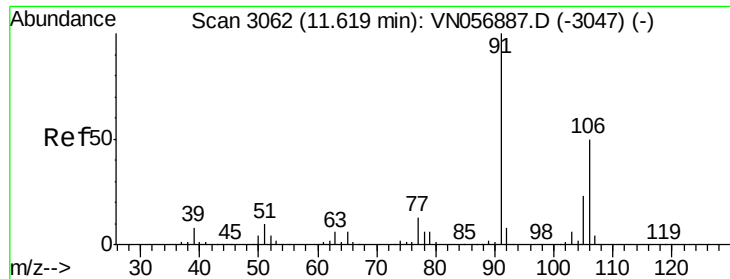
Tot Ion:131 Resp: 67990
 Ion Ratio Lower Upper
 131 100
 133 97.6 0.0 189.6
 119 66.7 0.0 133.6



#66
 Ethyl Benzene
 Concen: 19.933 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 313599
 Ion Ratio Lower Upper
 91 100
 106 31.7 24.9 37.3

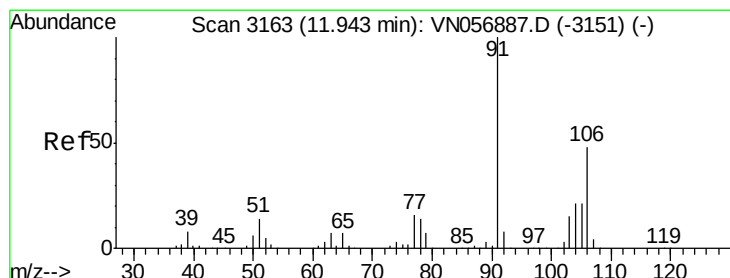
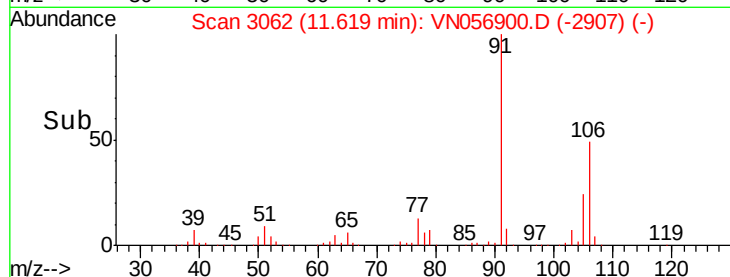
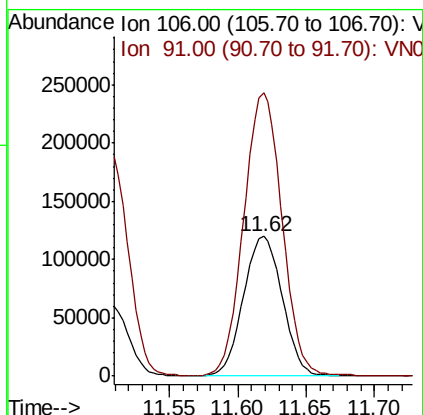
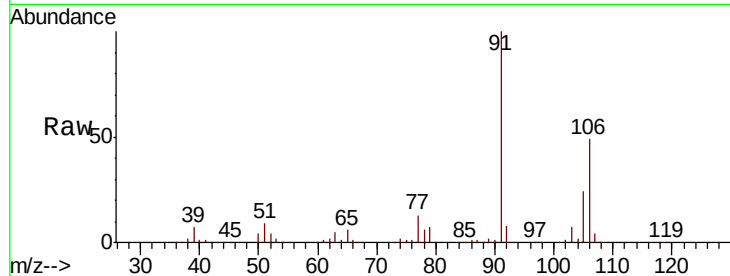




#67
m/p-Xylenes
Concen: 40.340 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

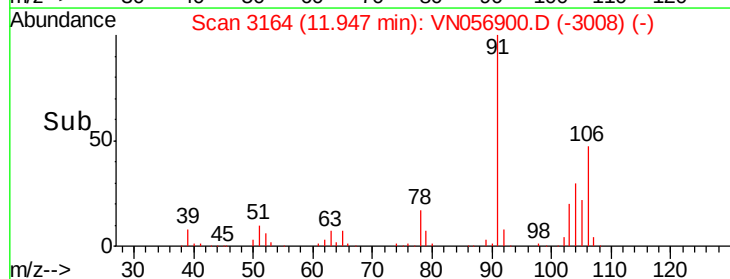
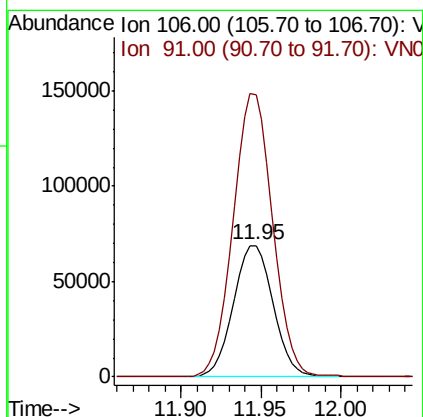
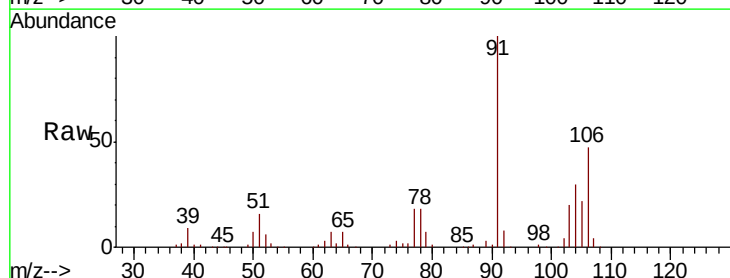
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

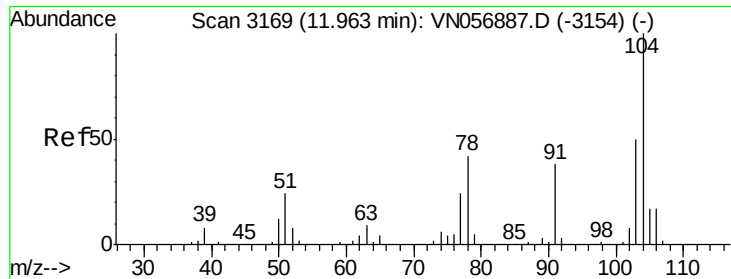
Tot Ion:106 Resp: 236670
Ion Ratio Lower Upper
106 100
91 200.1 160.6 240.8



#68
o-Xylene
Concen: 20.213 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion:106 Resp: 116592
Ion Ratio Lower Upper
106 100
91 213.9 106.2 318.6

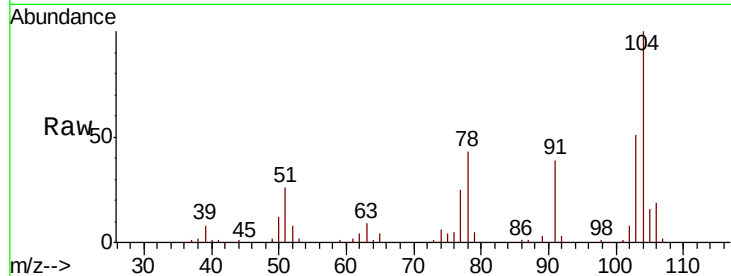




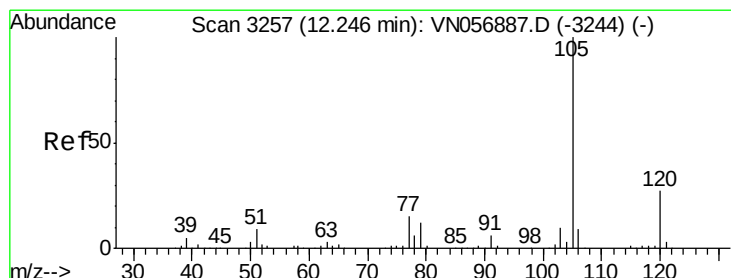
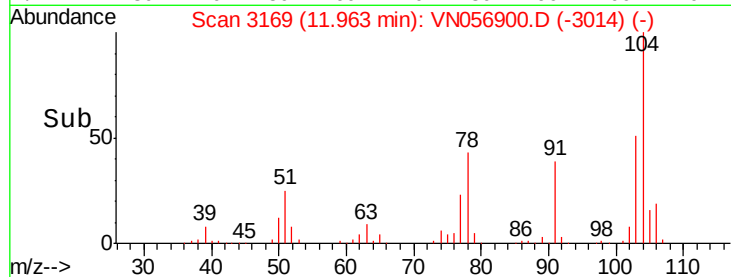
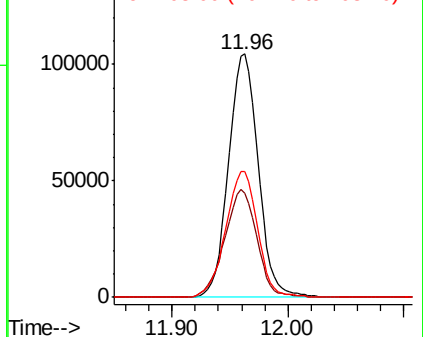
#69
Stvrene
Concen: 19.762 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:104 Resp: 184724
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.8 44.7 67.1

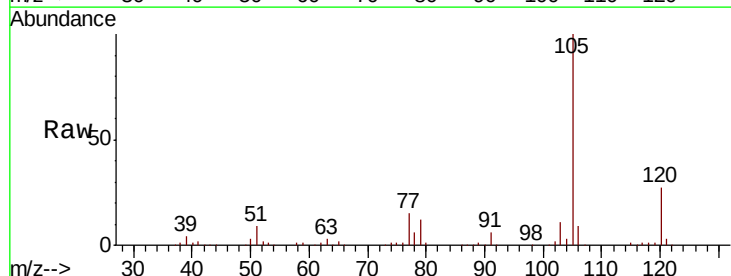


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

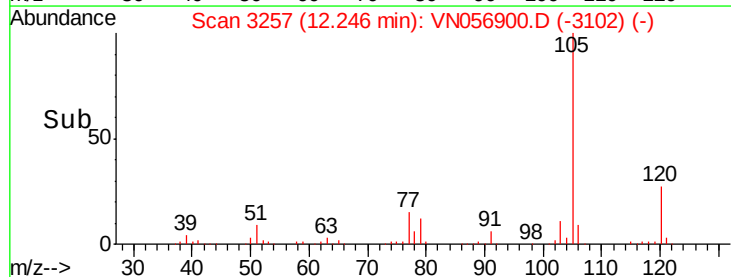
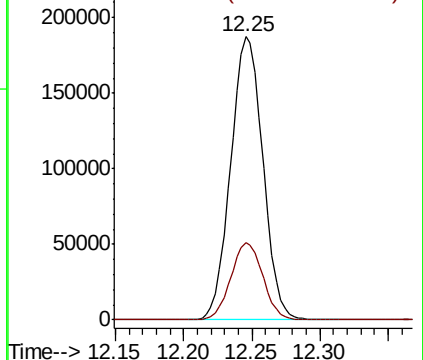


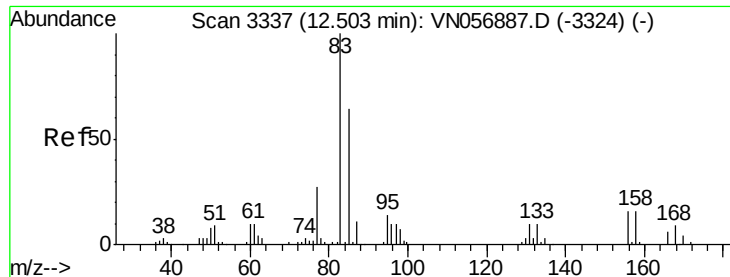
#70
Isopropylbenzene
Concen: 20.212 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion:105 Resp: 306973
Ion Ratio Lower Upper
105 100
120 27.1 18.7 34.7



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

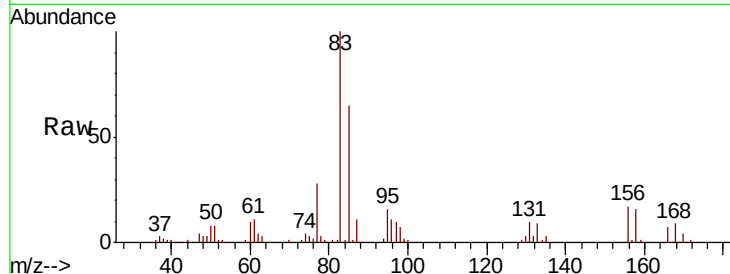




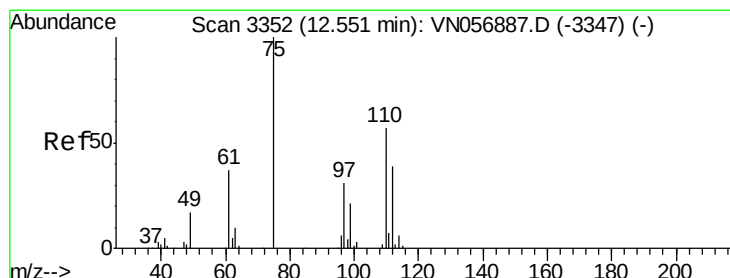
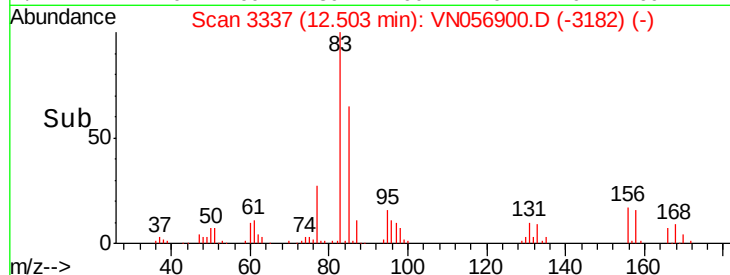
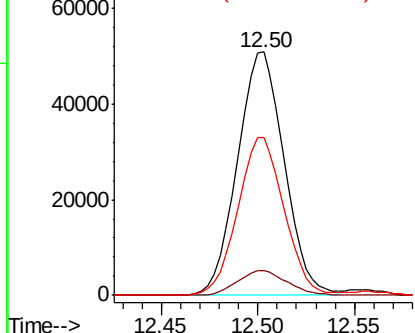
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.179 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 83 Resp: 85842
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.2
 85 64.1 31.8 95.4

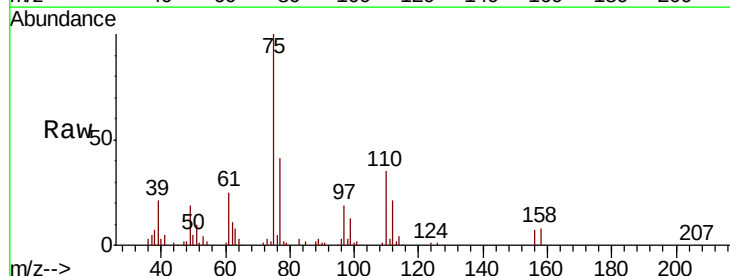


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

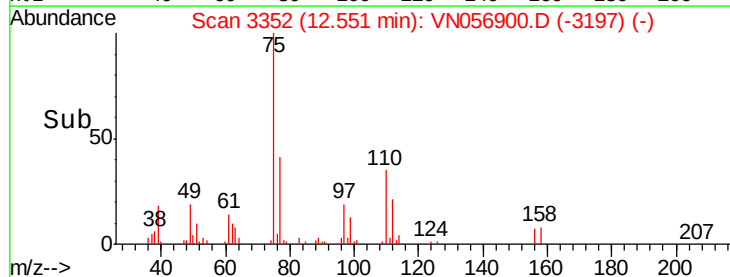
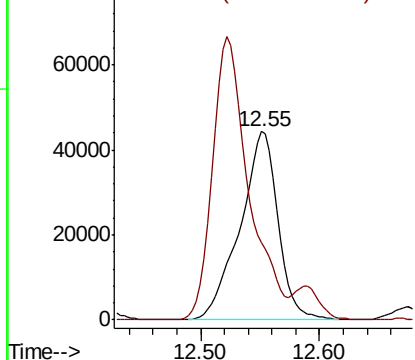


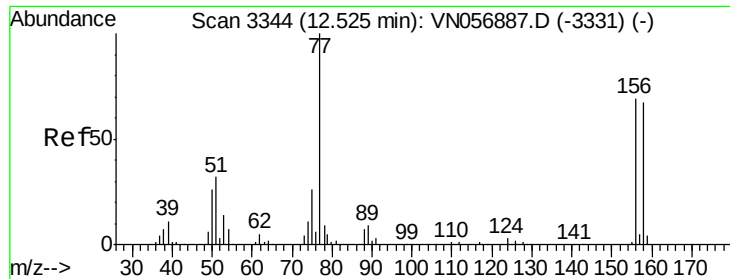
#72
 1,2,3-Trichloropropane
 Concen: 26.238 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 75 Resp: 98205
 Ion Ratio Lower Upper
 75 100
 77 143.0 0.0 378.6



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.677 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

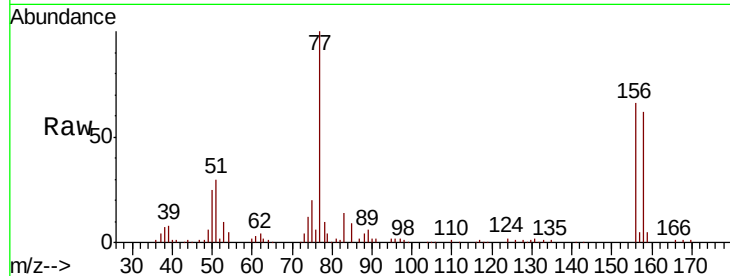
Tot Ion:156 Resp: 77117

Ion Ratio Lower Upper

156 100

77 182.1 0.0 364.6

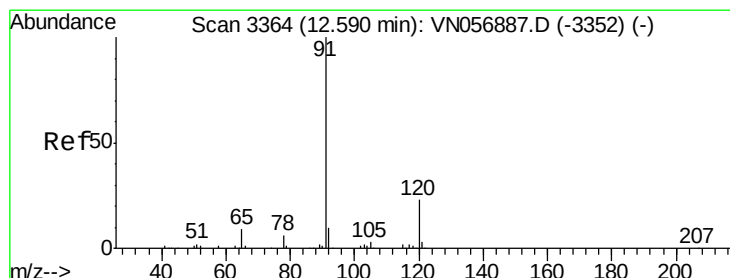
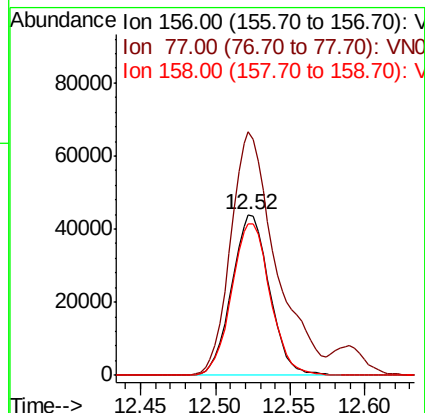
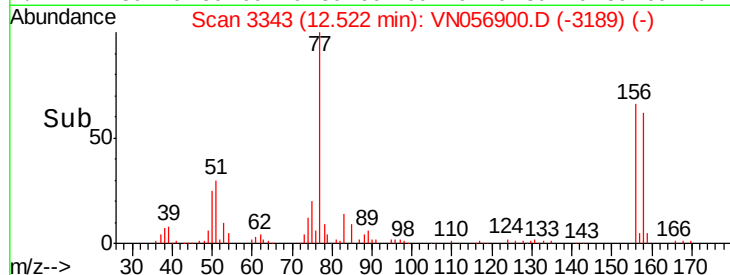
158 96.5 0.0 196.2



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: 19.787 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056900.D

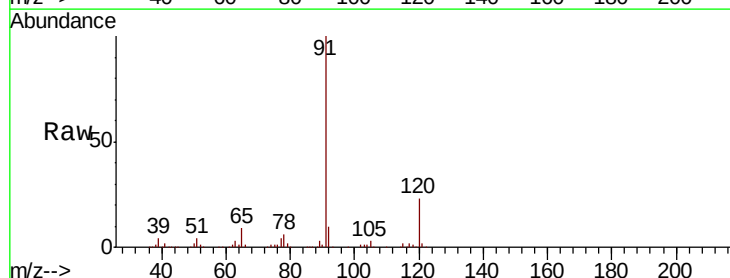
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 328591

Ion Ratio Lower Upper

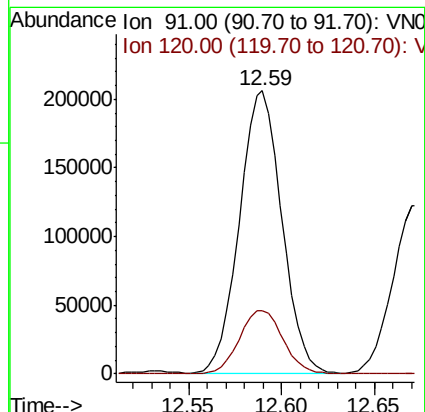
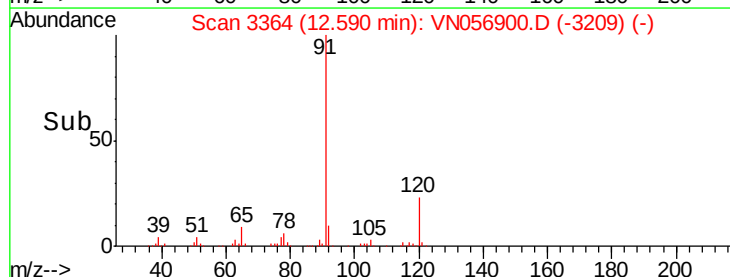
91 100

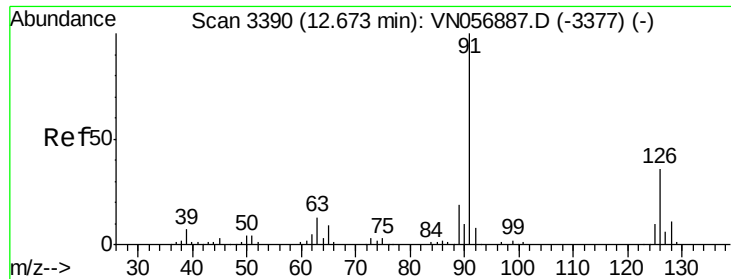
120 23.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

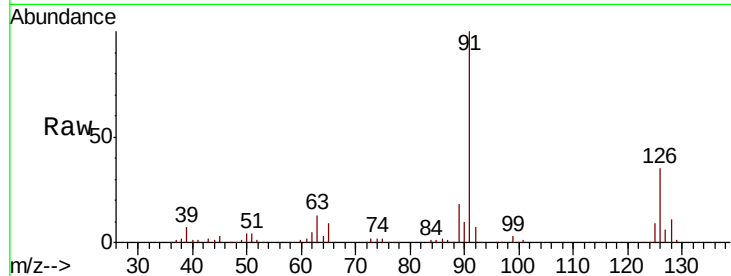




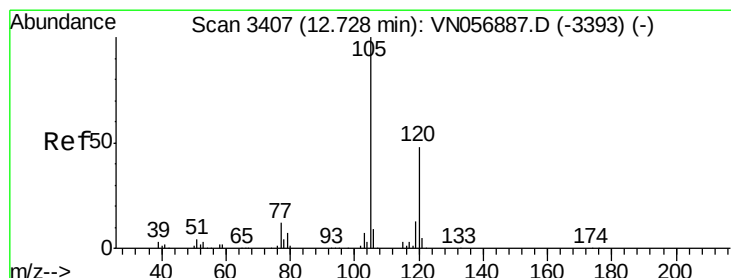
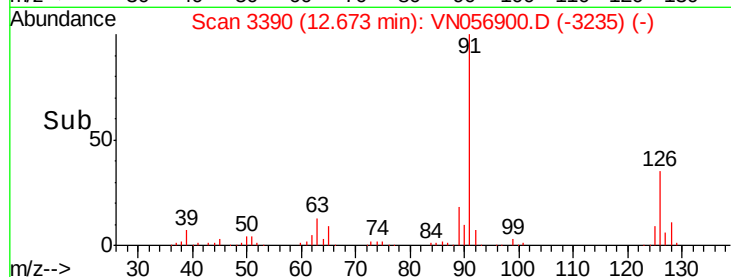
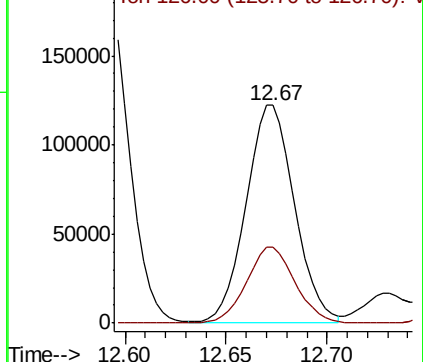
#75
 2-Chlorotoluene
 Concen: 20.410 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 91 Resp: 205493
 Ion Ratio Lower Upper
 91 100
 126 34.9 0.0 70.8

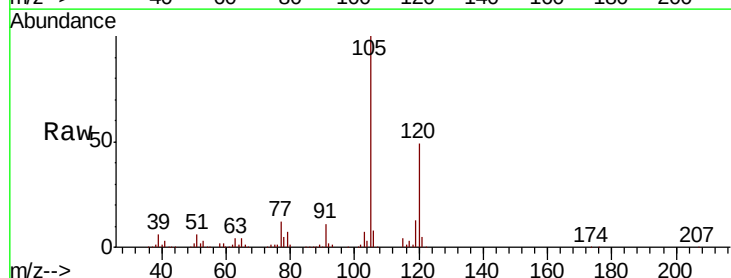


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 126.00 (125.70 to 126.70): V

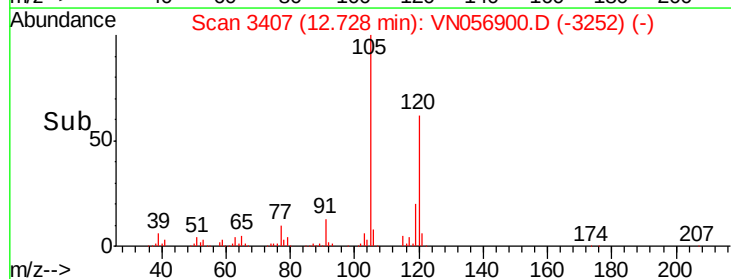
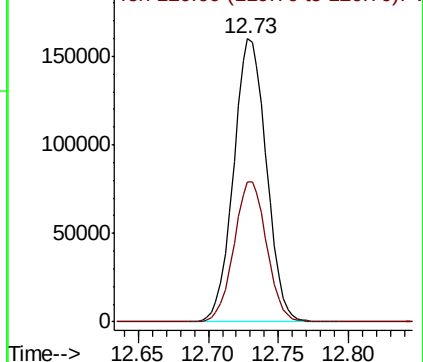


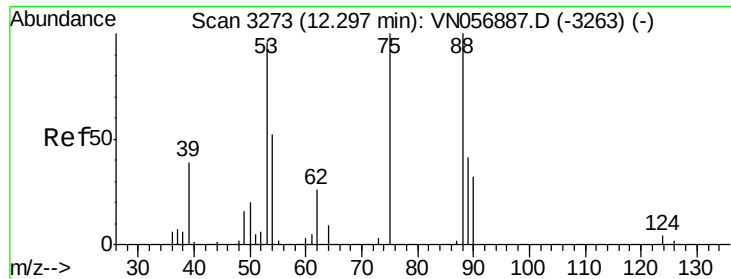
#76
 1,3,5-Trimethylbenzene
 Concen: 20.347 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 105 Resp: 260157
 Ion Ratio Lower Upper
 105 100
 120 49.6 0.0 97.2



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





#77

t-1,4-Dichloro-2-butene

Concen: 16.812 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

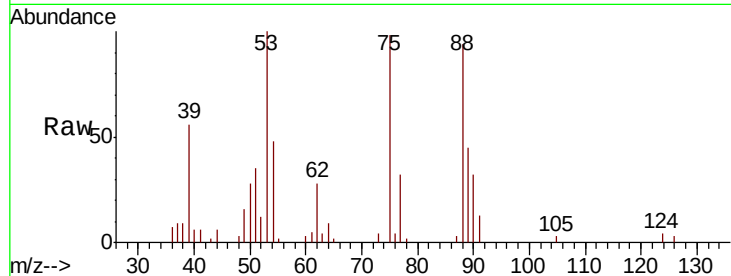
Tot Ion: 75 Resp: 19757

Ion Ratio Lower Upper

75 100

53 100.6 48.0 144.0

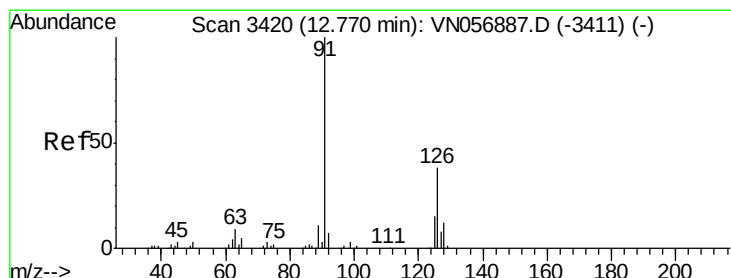
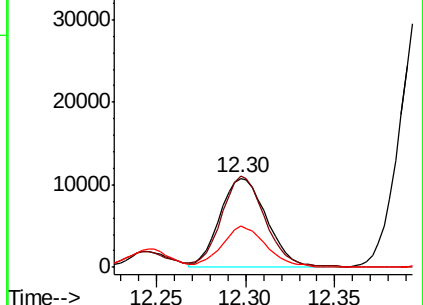
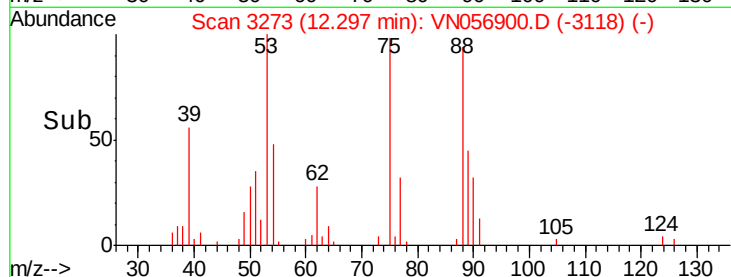
89 46.0 21.4 64.3



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: 19.467 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056900.D

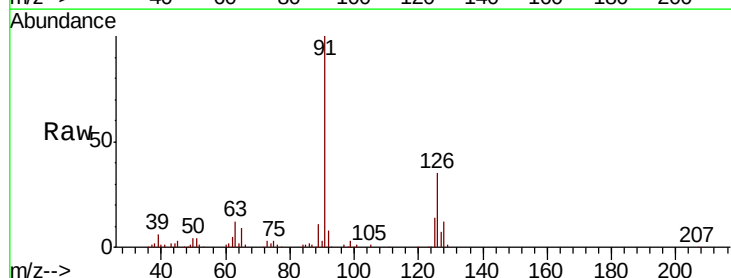
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 186308

Ion Ratio Lower Upper

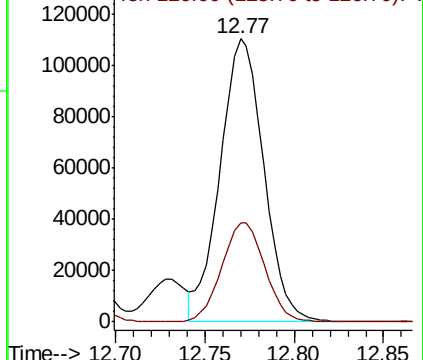
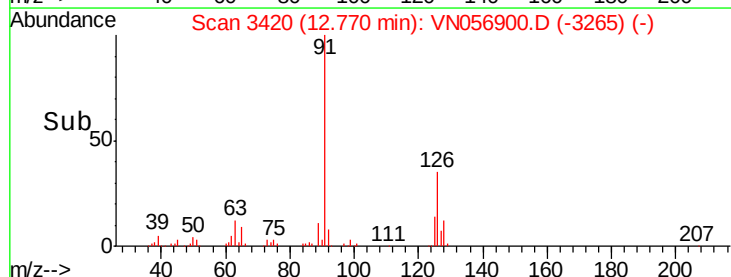
91 100

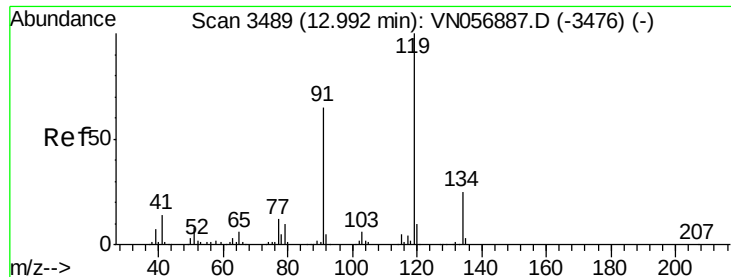
126 34.9 0.0 69.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

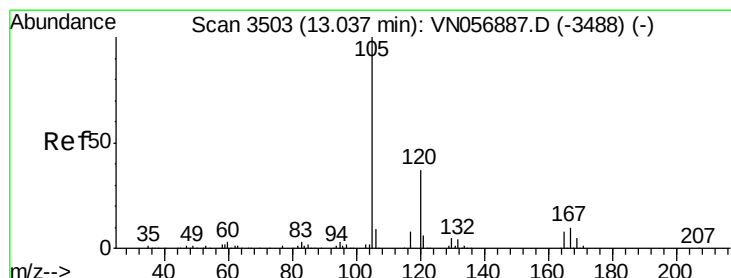
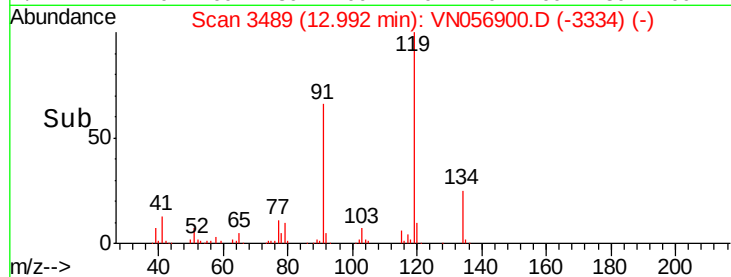
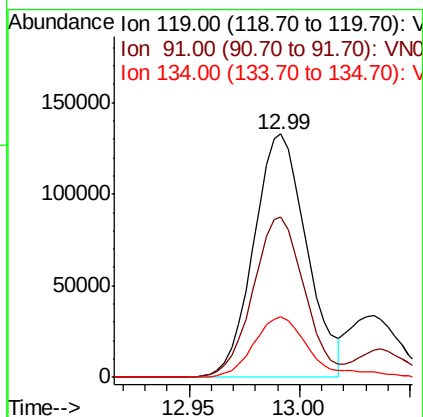
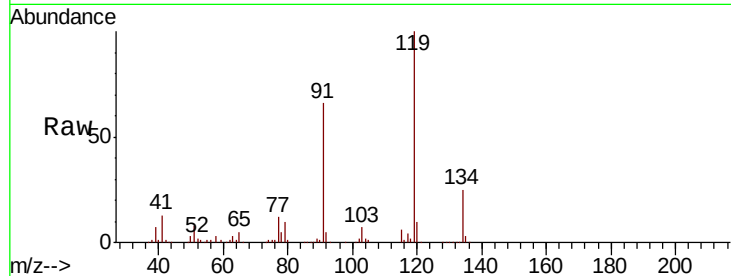




#79
tert-butylbenzene
Concen: 20.110 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

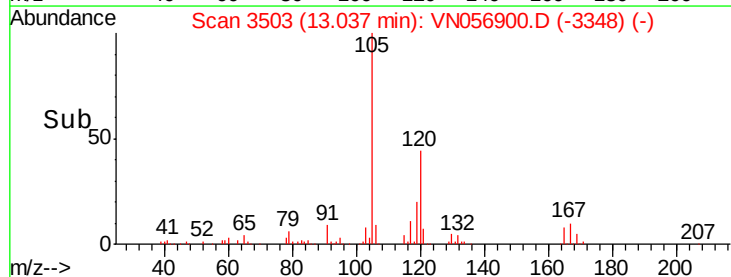
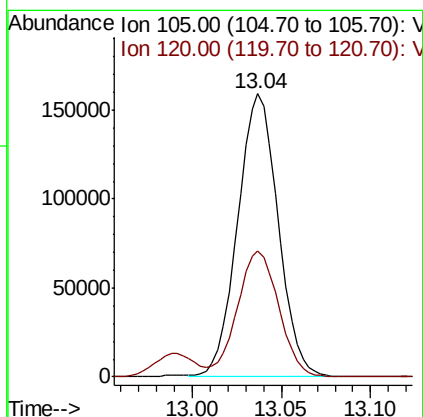
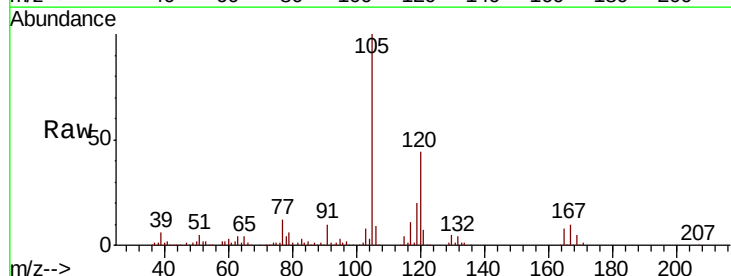
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

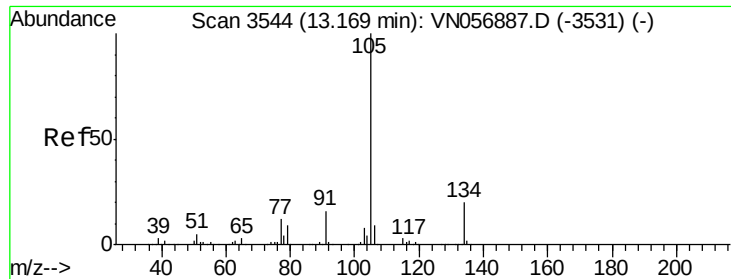
Tot Ion:119 Resp: 221880
Ion Ratio Lower Upper
119 100
91 63.5 0.0 126.8
134 24.3 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion:105 Resp: 251519
Ion Ratio Lower Upper
105 100
120 45.6 0.0 90.6





#81

sec-Butylbenzene

Concen: 19.804 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

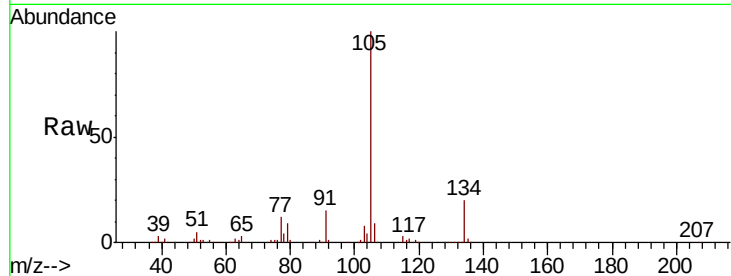
VSTDCCC020EC

Tot Ion:105 Resp: 285281

Ion Ratio Lower Upper

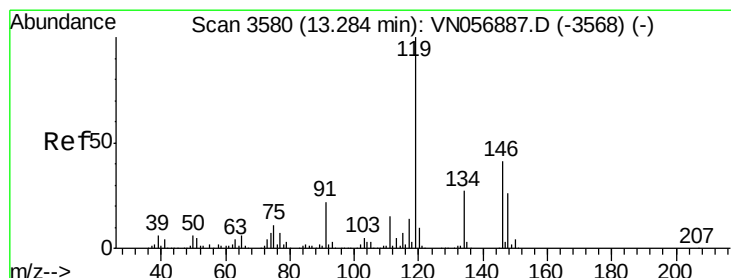
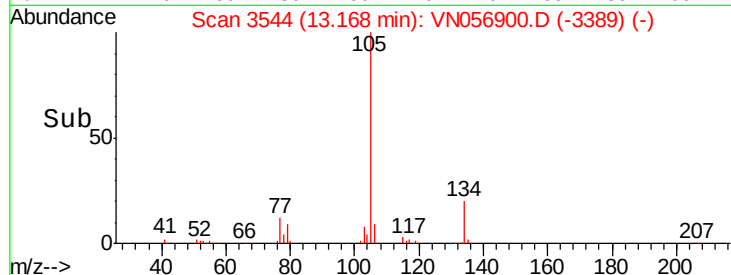
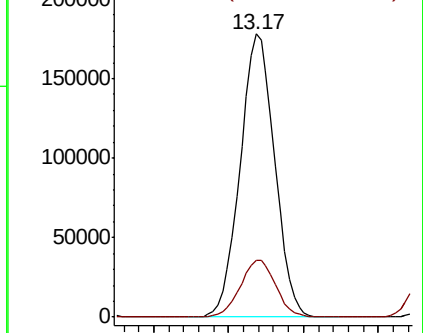
105 100

134 20.6 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.671 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

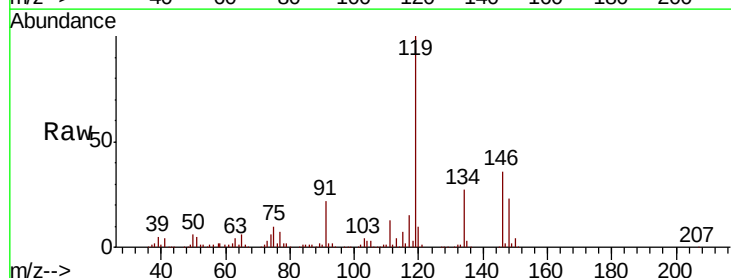
Tgt Ion:119 Resp: 254491

Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.2

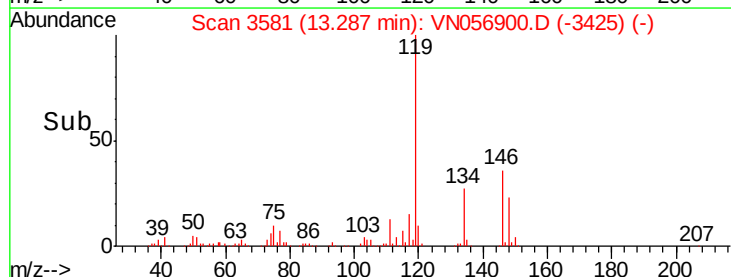
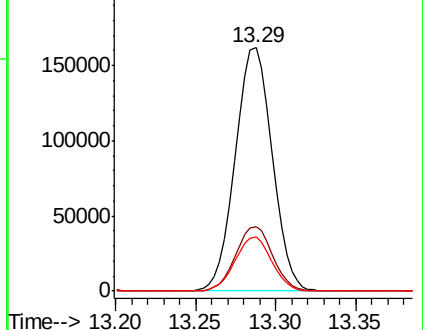
91 22.2 0.0 44.0

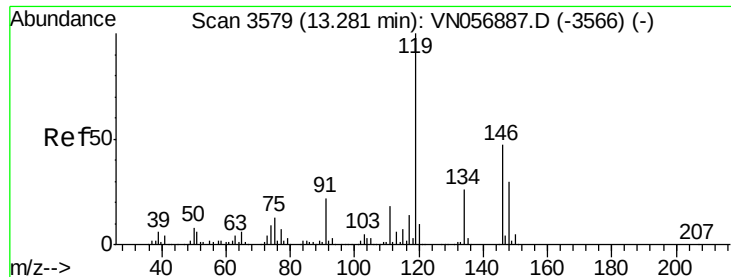


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

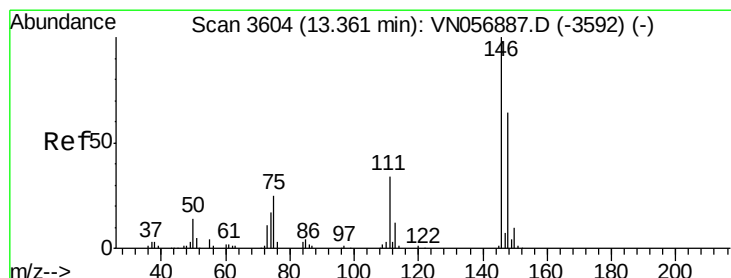
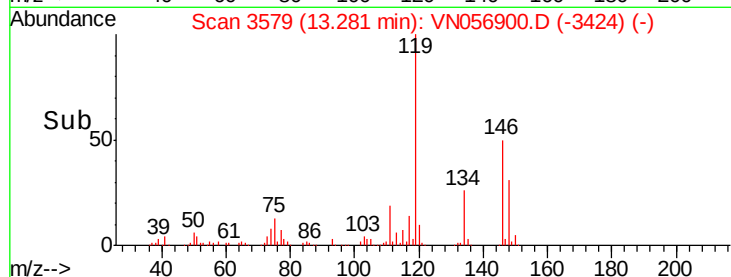
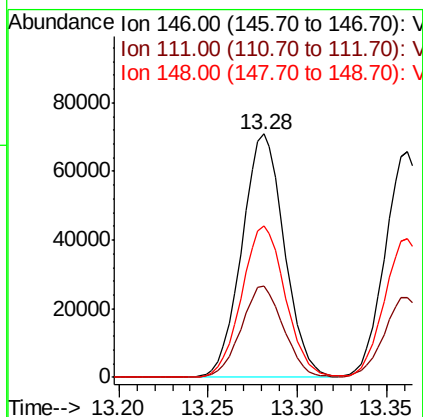
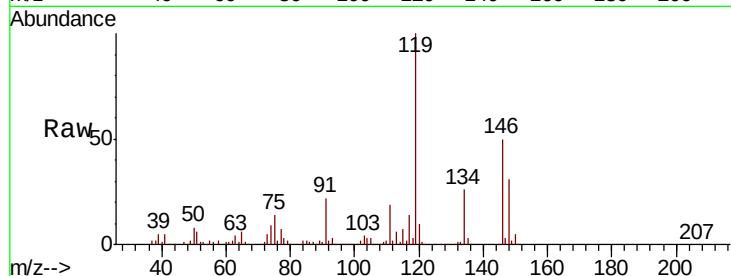




#83
 1,3-Dichlorobenzene
 Concen: 19.084 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

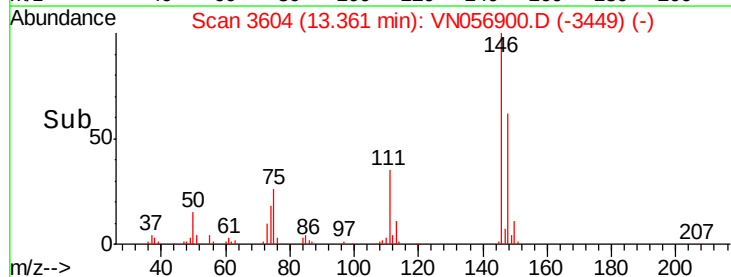
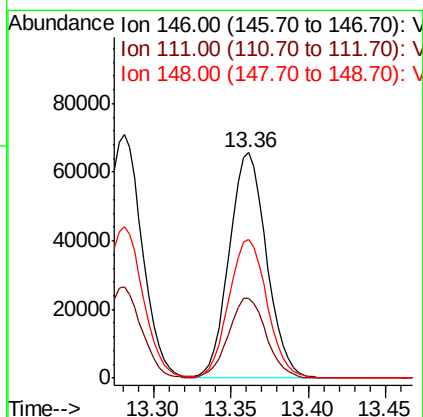
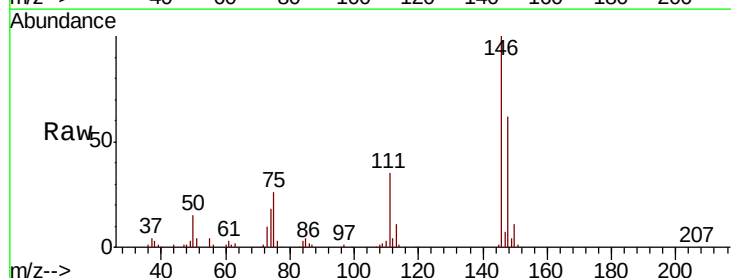
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

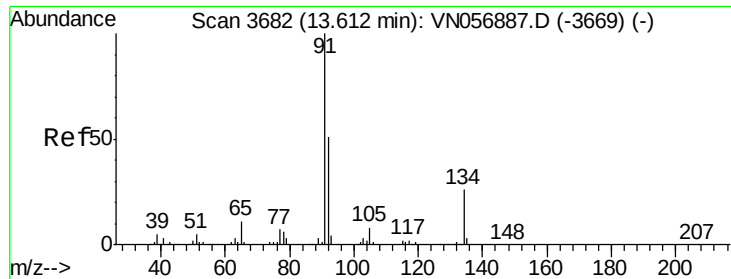
Tot Ion:146 Resp: 117764
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.4
 148 63.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.741 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion:146 Resp: 109341
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.8 53.5
 148 63.5 32.6 97.7





#85

n-Butylbenzene

Concen: 18.211 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

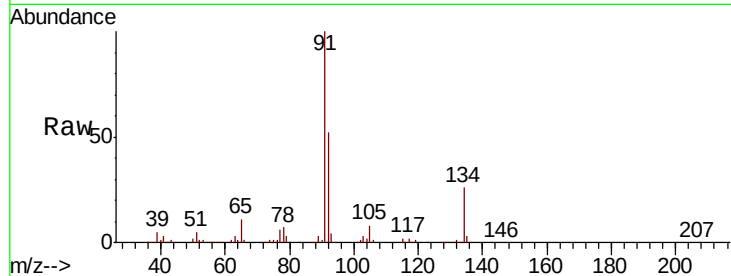
Tot Ion: 91 Resp: 185000

Ion Ratio Lower Upper

91 100

92 51.6 0.0 101.8

134 26.9 0.0 52.4

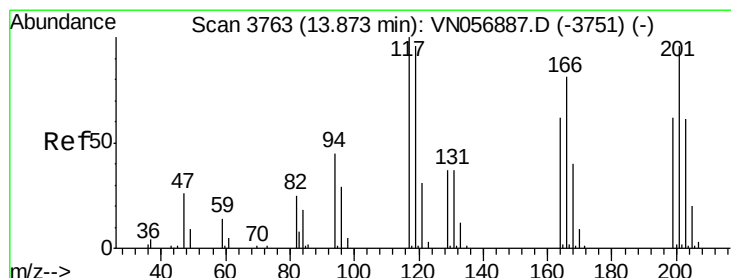
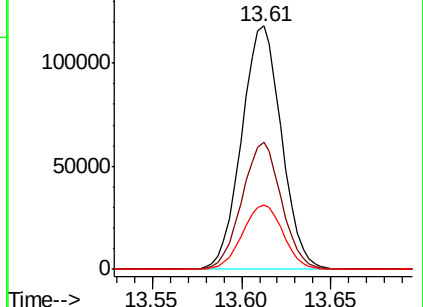
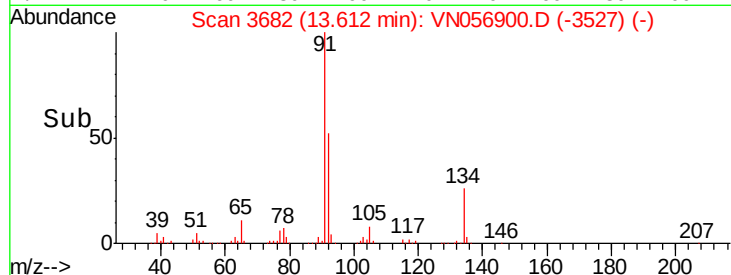


Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN056887.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN056887.D (-3669) (-)

13.61



#86

Hexachloroethane

Concen: 19.464 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056900.D

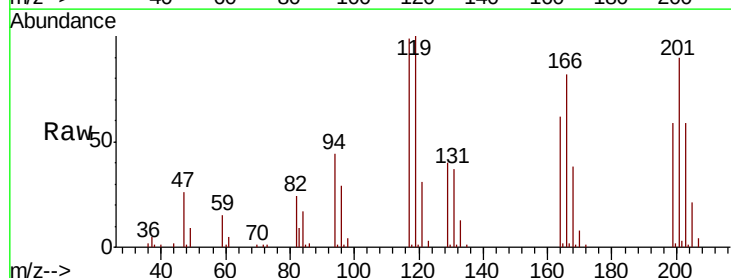
Acq: 24 Jul 2019 1:55

Tgt Ion: 117 Resp: 42141

Ion Ratio Lower Upper

117 100

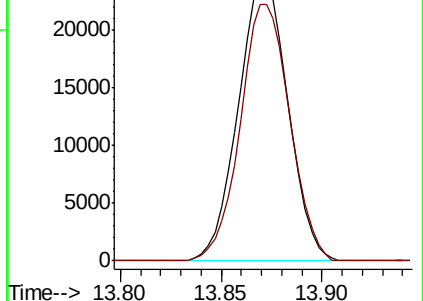
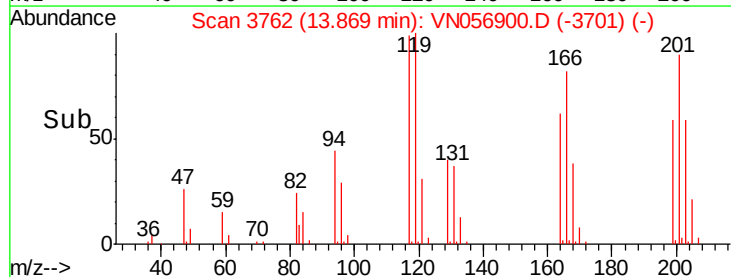
201 90.5 47.8 143.3

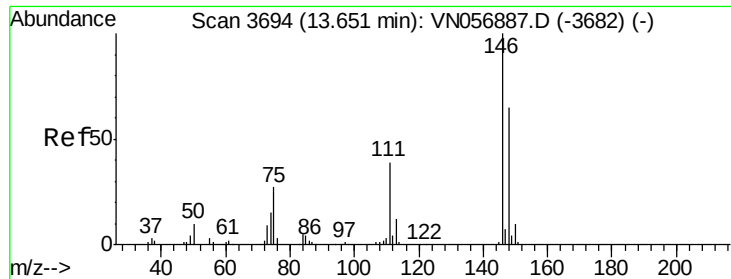


Abundance Ion 117.00 (116.70 to 117.70): VN056887.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056887.D (-3751) (-)

13.87

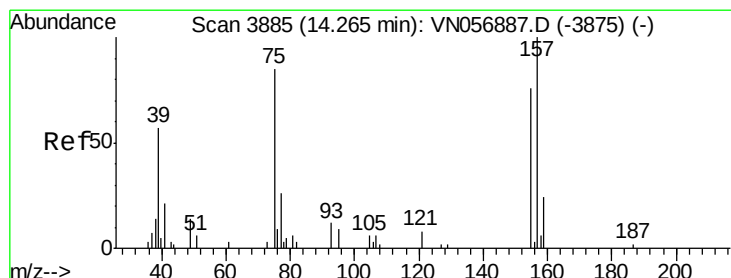
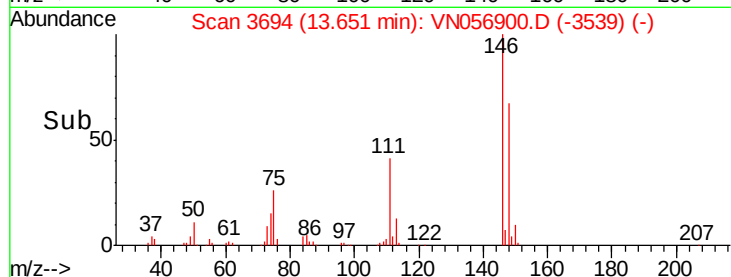
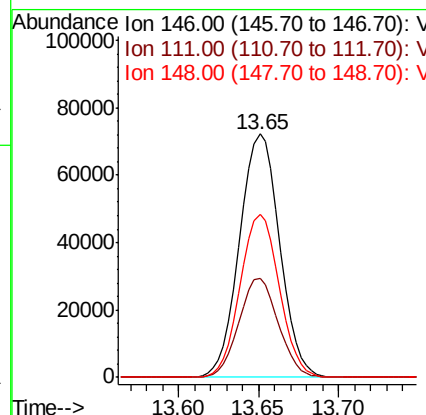
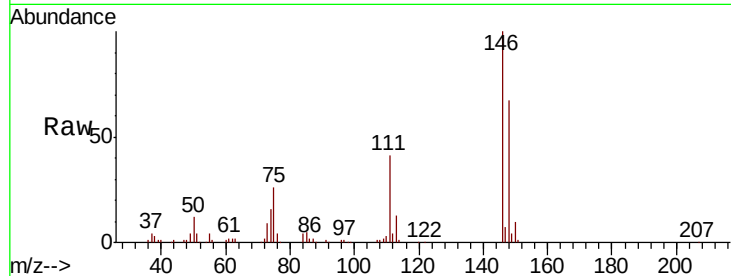




#87
 1,2-Dichlorobenzene
 Concen: 20.146 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

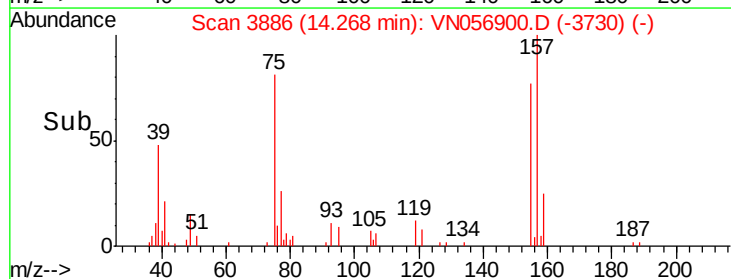
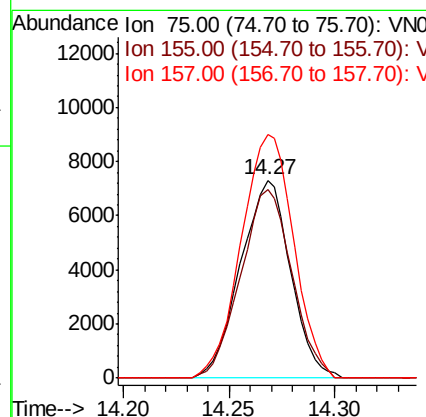
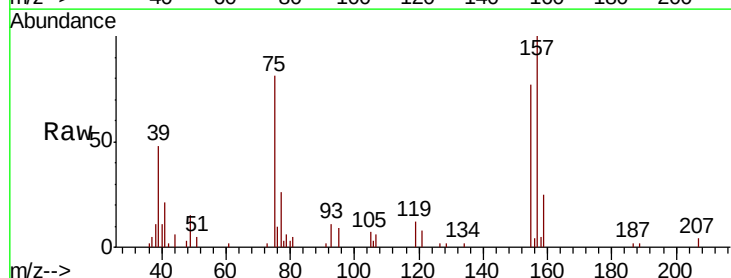
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

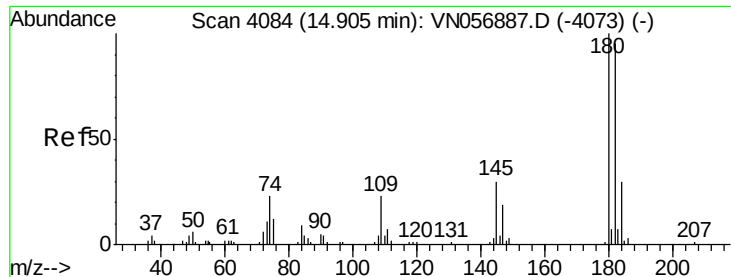
Tot Ion:146 Resp: 123478
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 65.2 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.336 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 75 Resp: 12067
 Ion Ratio Lower Upper
 75 100
 155 97.3 73.4 110.2
 157 128.9 95.0 142.6

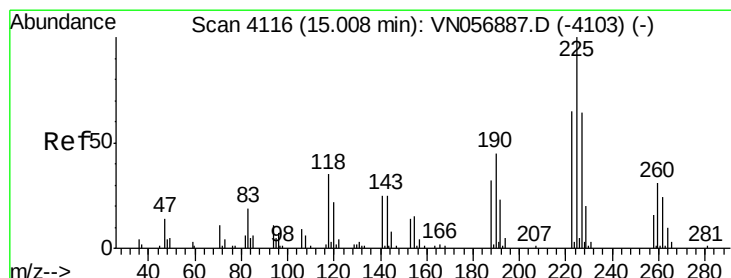
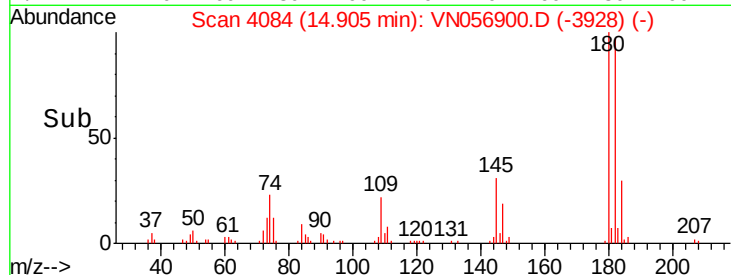
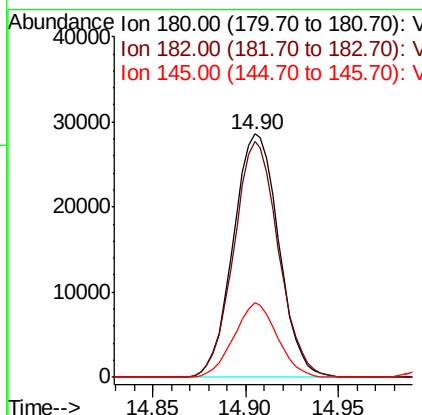
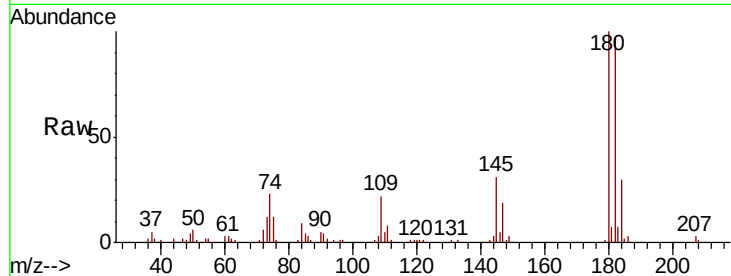




#89
1,2,4-Trichlorobenzene
Concen: 19.564 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

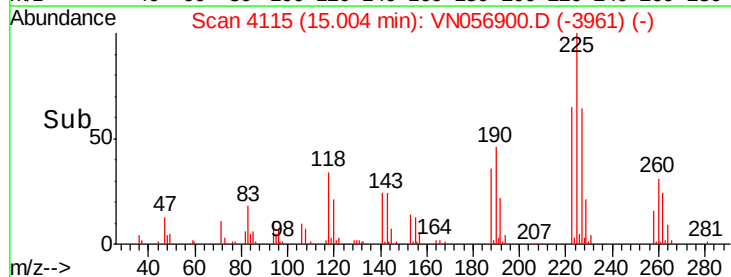
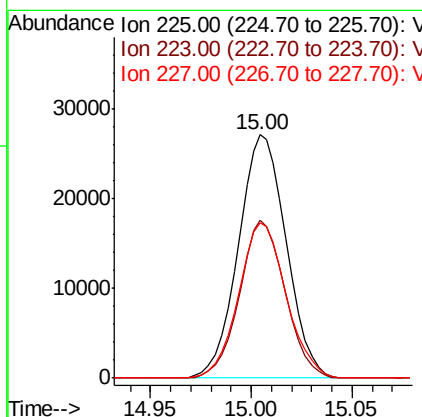
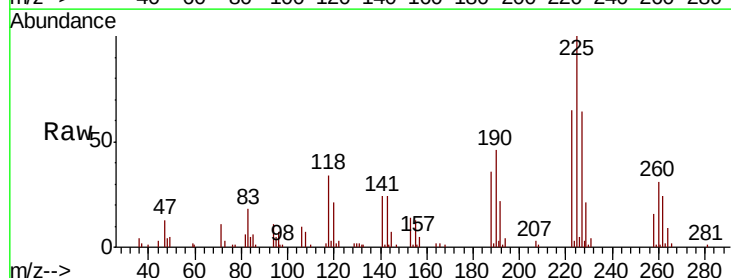
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

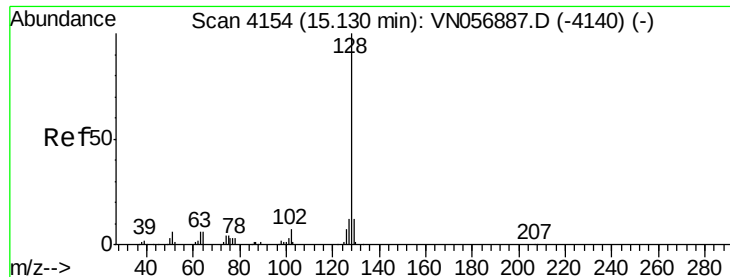
Tot Ion:180 Resp: 48740
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.4
145 29.3 23.5 35.3



#90
Hexachlorobutadiene
Concen: 19.916 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion:225 Resp: 44869
Ion Ratio Lower Upper
225 100
223 61.6 0.0 130.0
227 63.4 0.0 127.2





#91

Naphthalene

Concen: 18.937 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

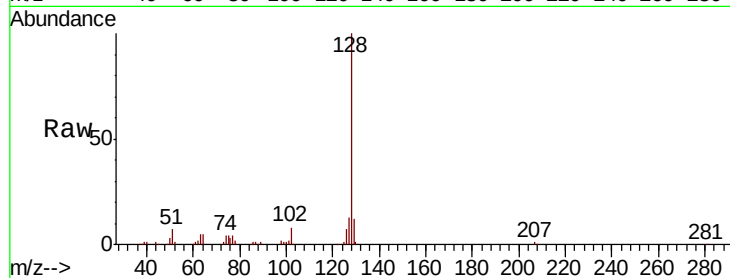
Tot Ion:128 Resp: 122012

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

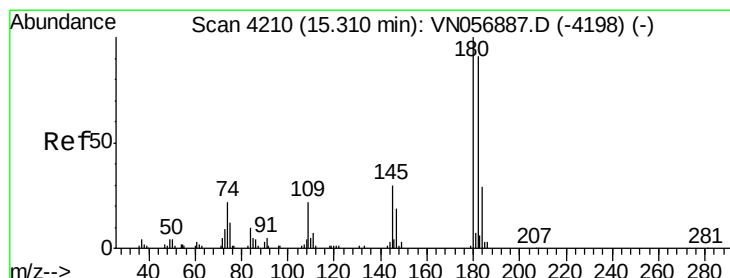
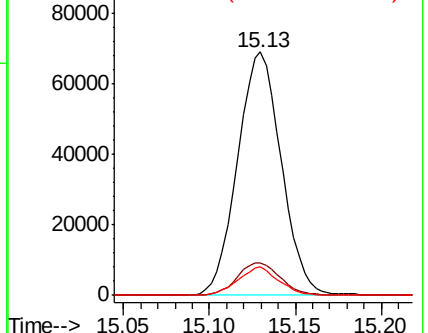
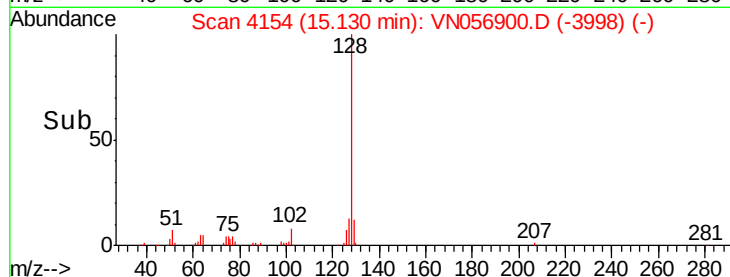
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.659 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

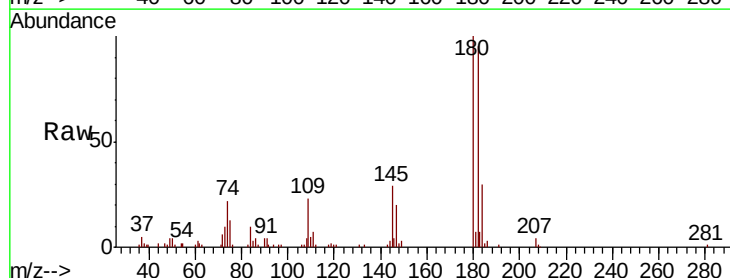
Tgt Ion:180 Resp: 57220

Ion Ratio Lower Upper

180 100

182 93.9 0.0 188.0

145 29.2 0.0 61.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

